

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003029.D
 Acq On : 29 Jun 2018 15:25
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

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 7/2/2018 4:15:22 PM

Quant Time: Jun 29 23:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181820	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	5.51	113	148679	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.72	98	533059	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	201798	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60664	24.73	ug/l	96
3) Chloromethane	1.32	50	60507	23.26	ug/l	98
4) Vinyl Chloride	1.40	62	64989	21.04	ug/l	90
5) Bromomethane	1.64	94	27067	16.98	ug/l	100
6) Chloroethane	1.72	64	41121	21.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	102785	19.73	ug/l	95
8) Diethyl Ether	2.19	74	37376	19.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58756	19.47	ug/l	98
10) Methyl Iodide	2.51	142	39999	17.67	ug/l	98
11) Tert butyl alcohol	3.08	59	73777	98.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53204	19.76	ug/l	92
13) Acrolein	2.29	56	40775	100.39	ug/l	98
14) Allyl chloride	2.73	41	103478	19.49	ug/l	97
15) Acrylonitrile	3.15	53	165551	103.08	ug/l	100
16) Acetone	2.45	43	153883	98.45	ug/l	96
17) Carbon Disulfide	2.57	76	144698	20.17	ug/l	99
18) Methyl Acetate	2.78	43	79642	18.22	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189644	19.59	ug/l	98
20) Methylene Chloride	2.86	84	59337	19.51	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	57760	19.69	ug/l	96
22) Diisopropyl ether	3.88	45	208531	20.55	ug/l	98
23) Vinyl Acetate	3.83	43	908940	105.78	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108260	19.63	ug/l	99
25) 2-Butanone	4.71	43	242979	104.74	ug/l	97
26) 2,2-Dichloropropane	4.59	77	78637	17.53	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66778	20.30	ug/l	97
28) Bromochloromethane	5.03	49	49863	18.89	ug/l	91
29) Tetrahydrofuran	5.17	42	153212	102.99	ug/l	97
30) Chloroform	5.22	83	113139	19.99	ug/l	99
31) Cyclohexane	5.57	56	91813	19.40	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	99790	20.04	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80157	19.60	ug/l	98
37) Ethyl Acetate	4.87	43	92899	21.10	ug/l	98
38) Carbon Tetrachloride	5.78	117	88426	19.71	ug/l	98

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
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Quant Time: Jun 29 23:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89020	18.69	ug/l	97
40) Benzene	6.15	78	245090	20.63	ug/l	99
41) Methacrylonitrile	5.07	41	52640	20.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96205	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	145691	19.73	ug/l	98
44) Trichloroethene	7.22	130	71690	20.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	61547	19.53	ug/l	99
46) Dibromomethane	7.67	93	43624	19.95	ug/l	95
47) Bromodichloromethane	7.90	83	79855	19.75	ug/l	99
48) Methyl methacrylate	7.78	41	75155	19.76	ug/l	97
49) 1,4-Dioxane	7.76	88	30512	412.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	483263	104.62	ug/l	98
52) Toluene	8.79	92	156711	20.59	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	90519	19.77	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	83506	18.95	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63564	20.33	ug/l	99
56) Ethyl methacrylate	9.18	69	92943	20.34	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105086	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	234650	106.42	ug/l	98
59) 2-Hexanone	9.50	43	366557	104.41	ug/l	98
60) Dibromochloromethane	9.59	129	64677	19.65	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66734	20.34	ug/l	100
64) Tetrachloroethene	9.34	164	79606	20.22	ug/l	98
65) Chlorobenzene	10.14	112	180024	20.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64559	19.76	ug/l	99
67) Ethyl Benzene	10.26	91	296949	19.99	ug/l	100
68) m/p-Xylenes	10.36	106	234293	40.92	ug/l	98
69) o-Xylene	10.70	106	112132	20.11	ug/l	99
70) Styrene	10.71	104	187510	20.70	ug/l	99
71) Bromoform	10.86	173	49127	19.25	ug/l #	100
73) Isopropylbenzene	11.02	105	302585	20.87	ug/l	100
74) N-amyl acetate	6.47	43	145691	20.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94968	21.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82996m	21.26	ug/l	
77) Bromobenzene	11.26	156	85041	20.59	ug/l	98
78) n-propylbenzene	11.37	91	336870	20.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	206894	20.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250263	20.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21930	18.56	ug/l	94
82) 4-Chlorotoluene	11.51	91	239677	20.26	ug/l	98
83) tert-Butylbenzene	11.77	119	245116	20.36	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	260135	20.56	ug/l	100
85) sec-Butylbenzene	11.95	105	287374	19.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	259653	19.78	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	153094	20.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152952	19.71	ug/l	100
89) n-Butylbenzene	12.39	91	212524	18.60	ug/l	99
90) Hexachloroethane	12.60	117	34630	17.73	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	156372	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19704	19.62	ug/l	96

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ClientSampleId :
VX0629WBS01

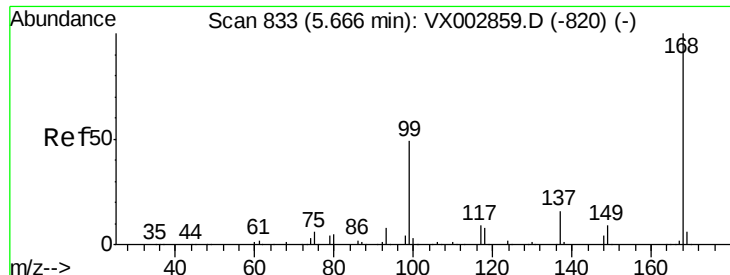
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105828	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	53425	19.33	ug/l	97
95) Naphthalene	13.84	128	309734	20.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110278	19.93	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion:168 Resp: 273079

Ion Ratio Lower Upper

168 100

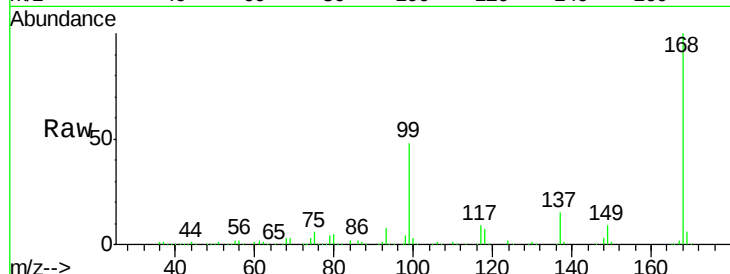
99 47.8 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

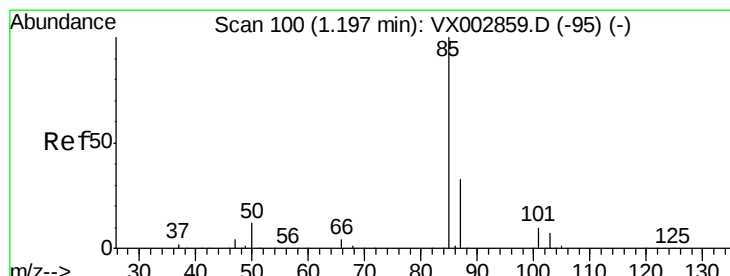
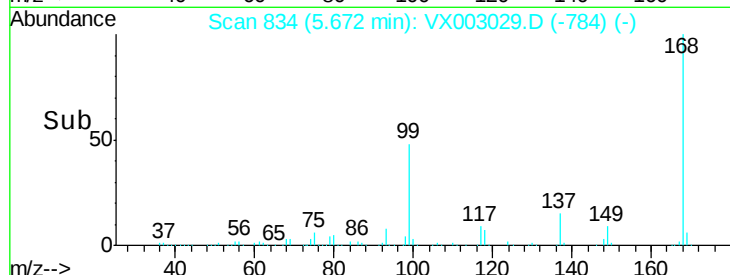
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003029.D

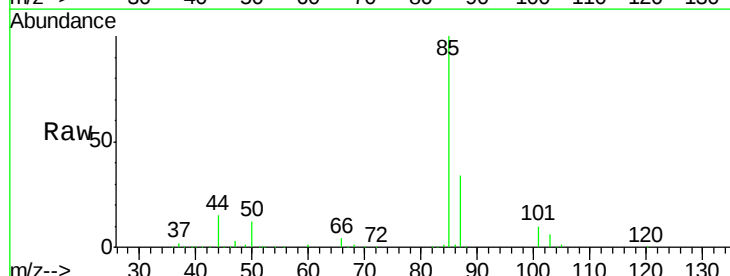
Acq: 29 Jun 2018 15:25

Tgt Ion: 85 Resp: 60664

Ion Ratio Lower Upper

85 100

87 33.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

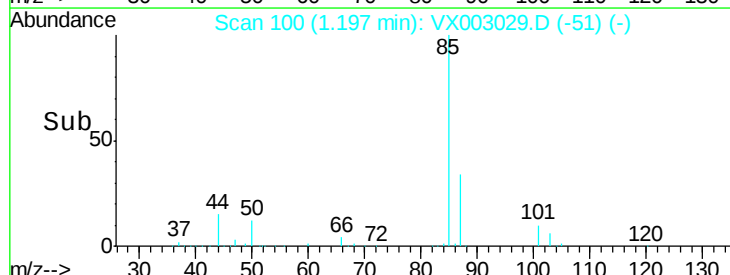
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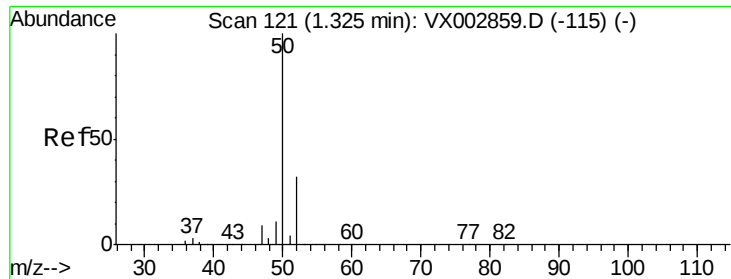
40000

20000

0

Time-->





#3

Chloromethane

Concen: 23.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 50 Resp: 60507

Ion Ratio Lower Upper

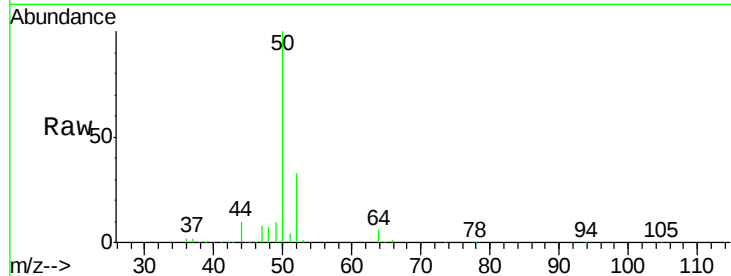
50 100

52 33.4 25.7 38.5

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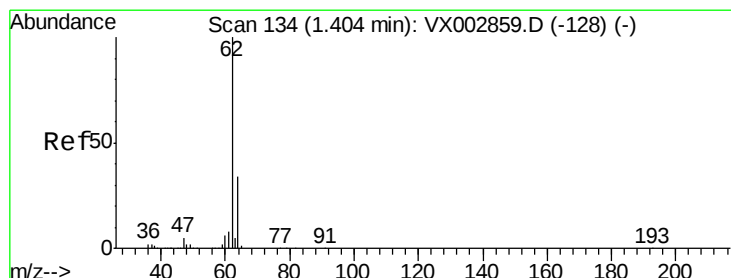
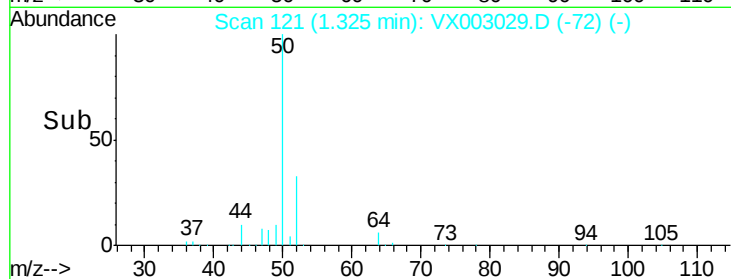
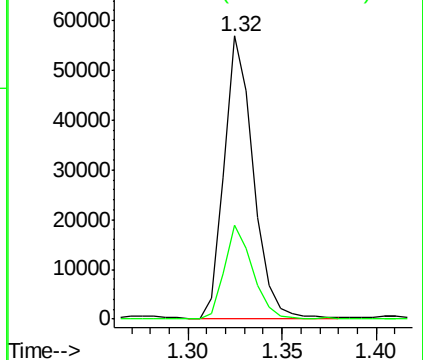
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003029.D

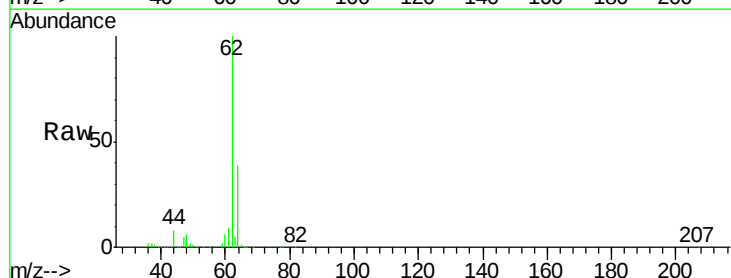
Acq: 29 Jun 2018 15:25

Tgt Ion: 62 Resp: 64989

Ion Ratio Lower Upper

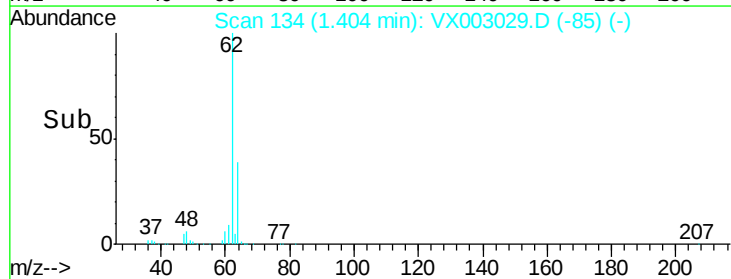
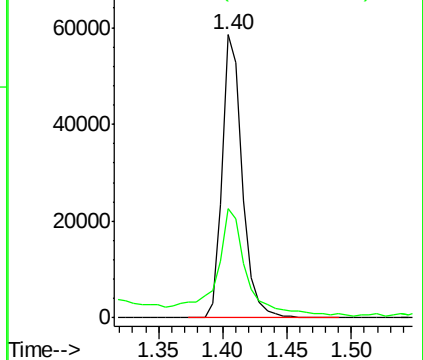
62 100

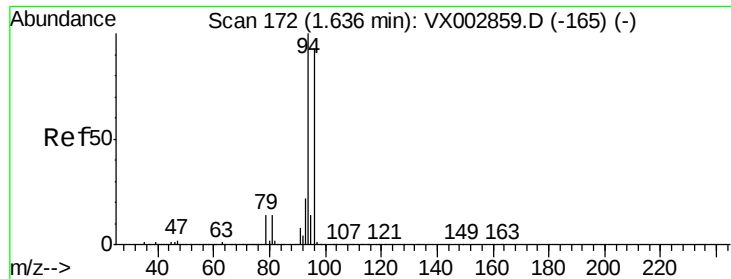
64 37.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.98 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 94 Resp: 27067

Ion Ratio Lower Upper

94 100

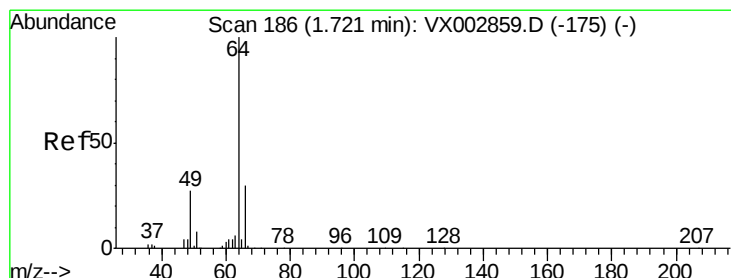
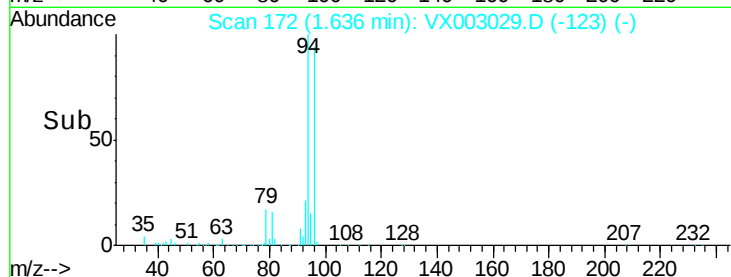
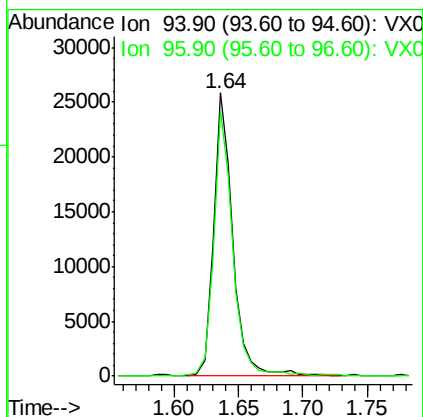
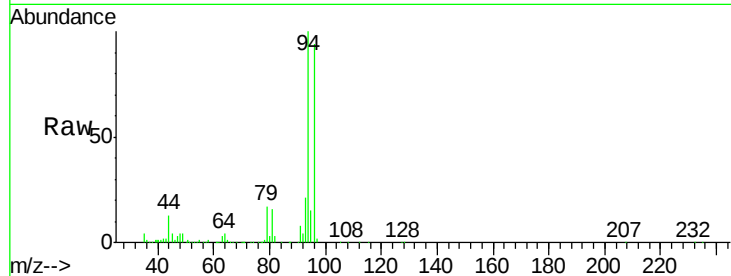
96 93.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 21.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003029.D

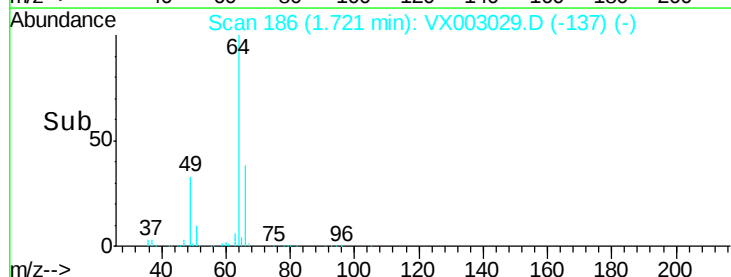
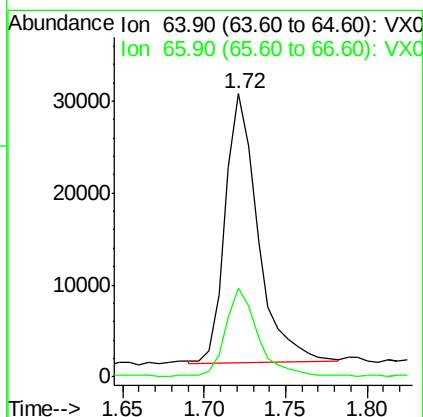
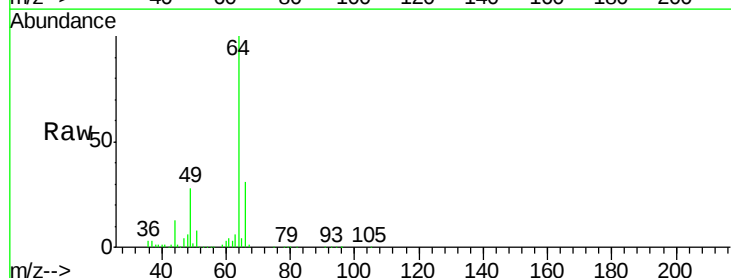
Acq: 29 Jun 2018 15:25

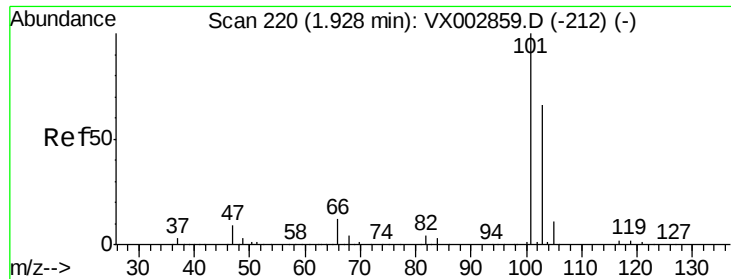
Tgt Ion: 64 Resp: 41121

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

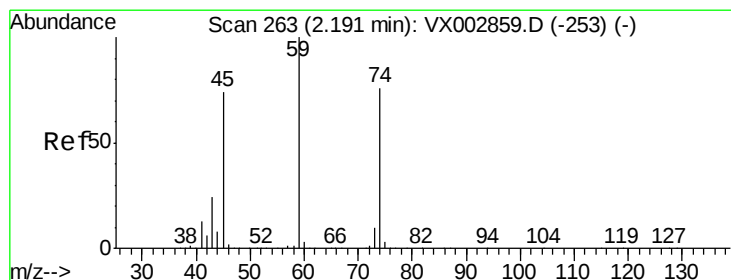
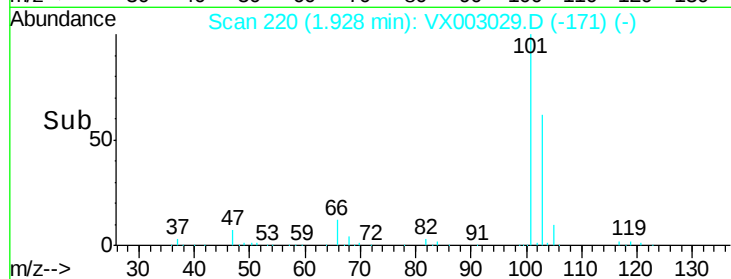
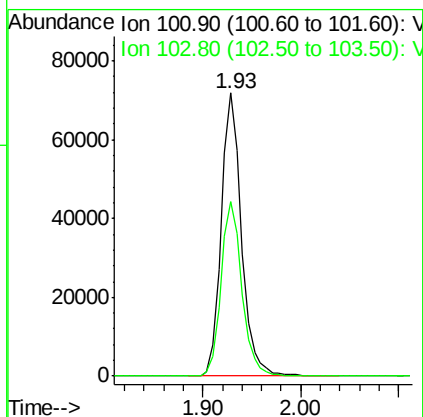
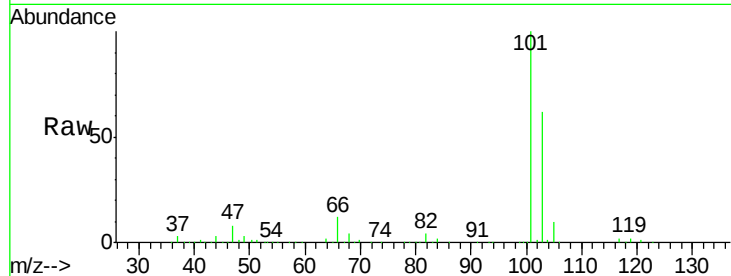
Trichlorofluoromethane
Concen: 19.73 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

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ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	52.8	79.2

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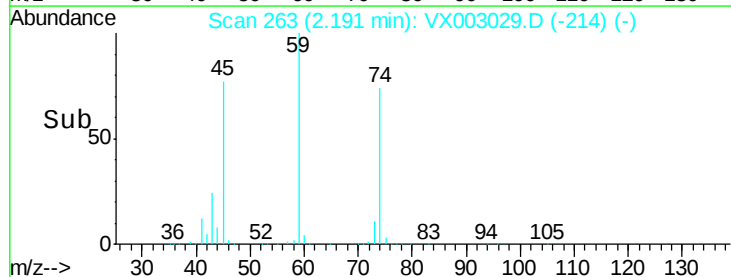
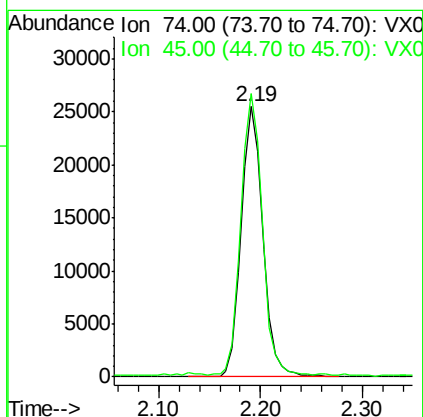
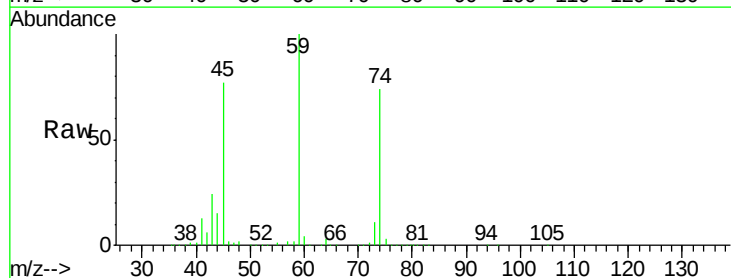
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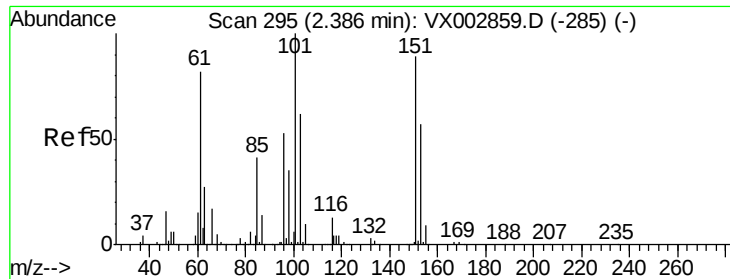


#8

Diethyl Ether
Concen: 19.74 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

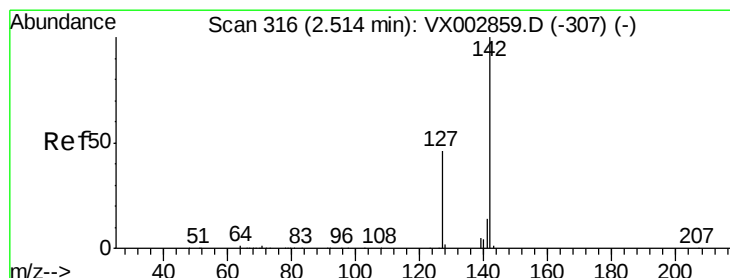
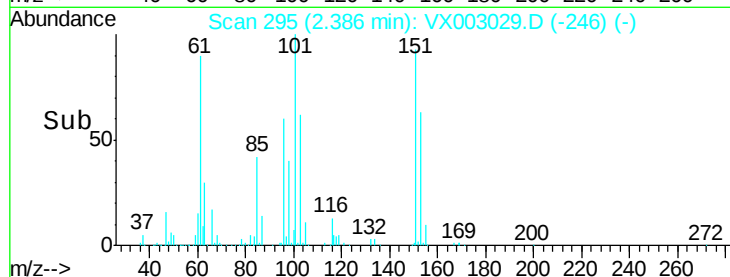
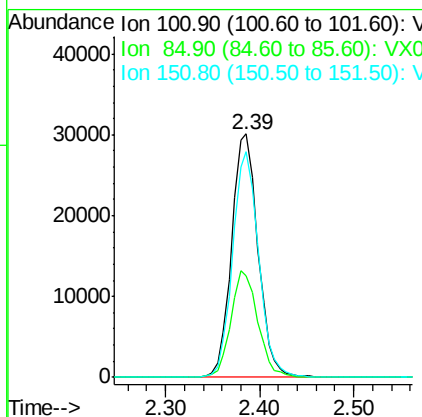
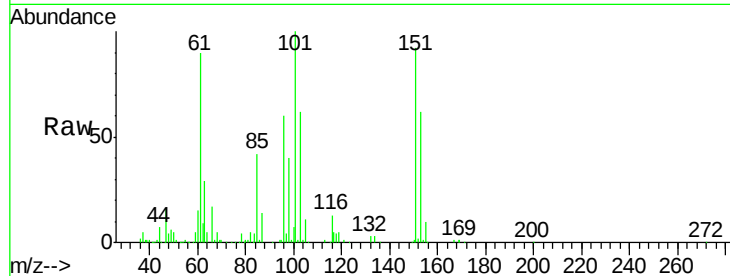
ClientSampleId :

VX0629WBS01

Tot Ion:	101	Resp:	58756
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.0	54.0
151	91.6	70.9	106.3

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#10

Methyl Iodide

Concen: 17.67 ug/l

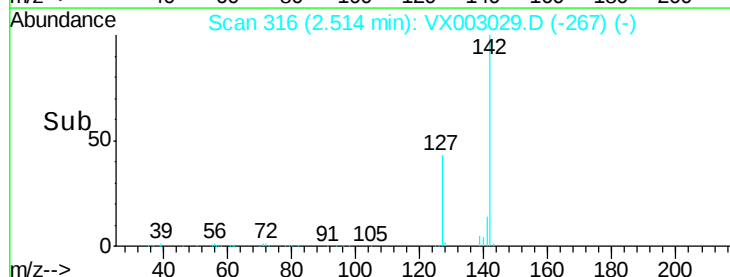
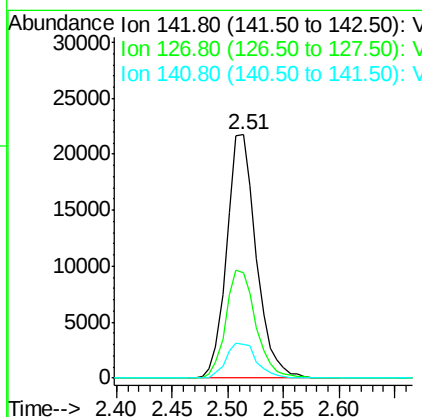
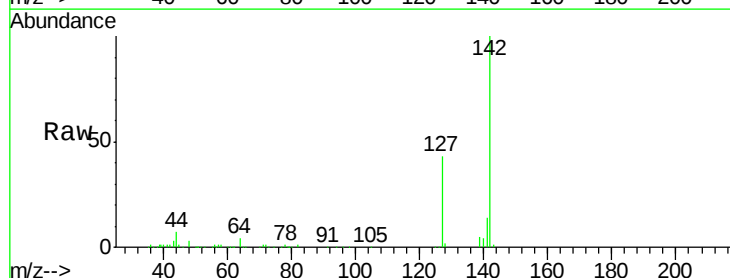
RT: 2.51 min Scan# 316

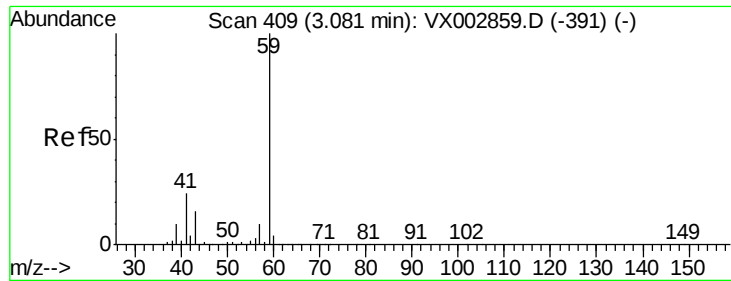
Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	142	Resp:	39999
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.6	55.0
141	15.1	11.3	16.9





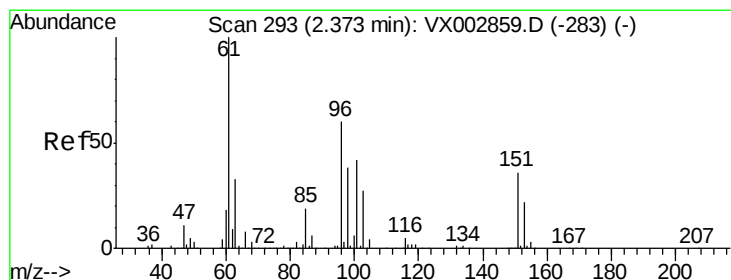
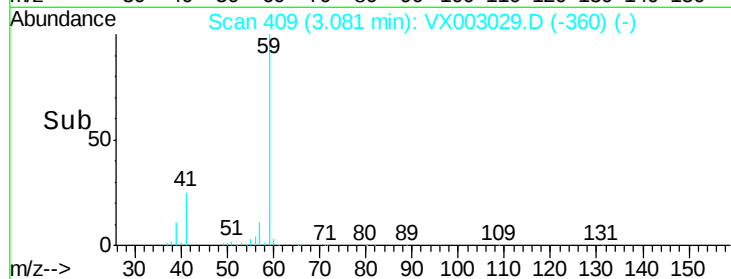
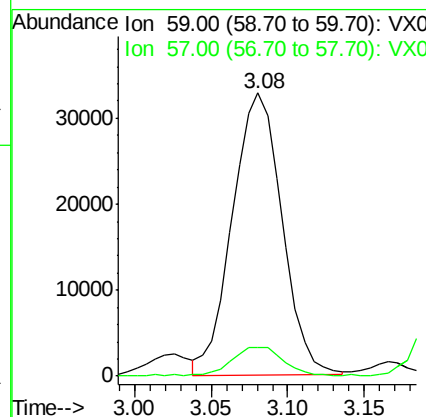
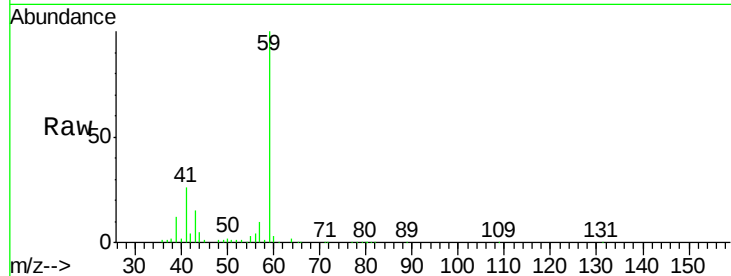
#11
Tert butyl alcohol
Concen: 98.12 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion	59	57	Ratio	Lower	Upper
59	100				
57	11.0		8.2	12.2	

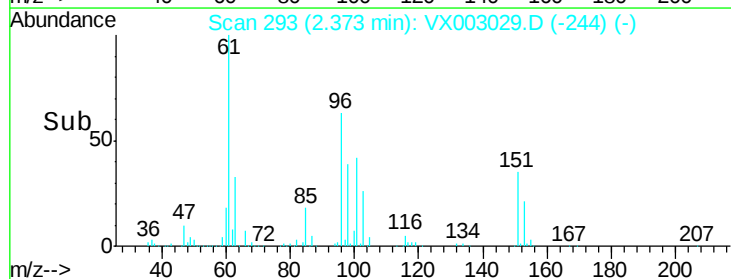
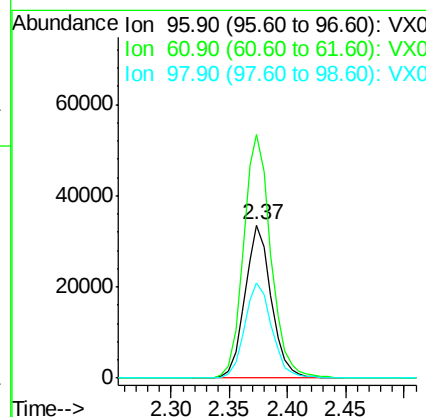
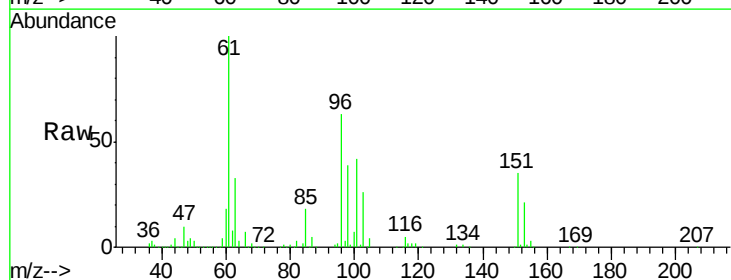
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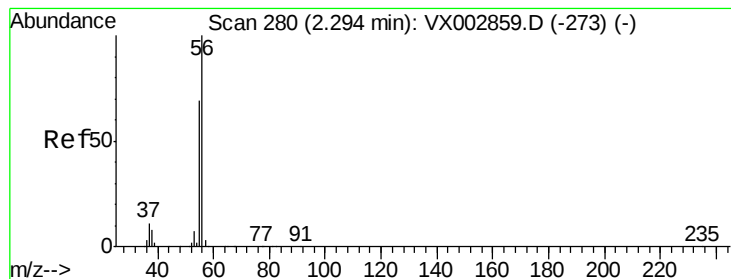
apatel
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#12
1,1-Dichloroethene
Concen: 19.76 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	96	61	98	Ratio	Lower	Upper
96	100					
61	159.1			137.9	206.9	
98	62.4			51.6	77.4	





#13

Acrolein

Concen: 100.39 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 56 Resp: 40775

Ion Ratio Lower Upper

56 100

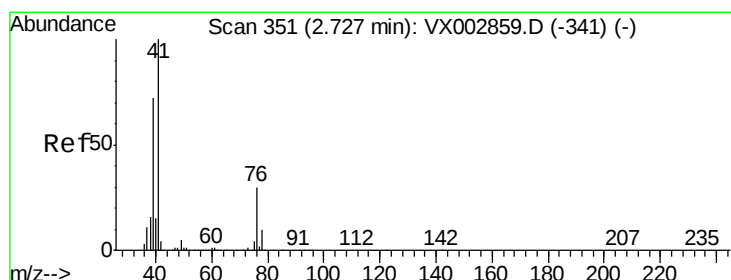
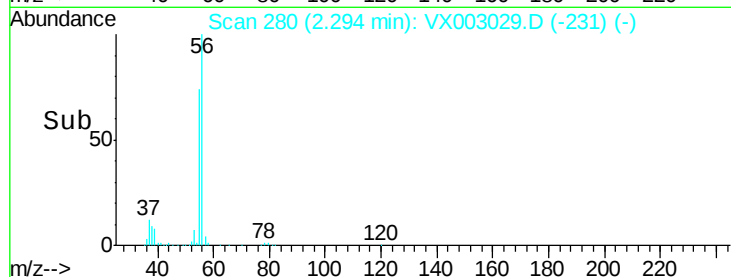
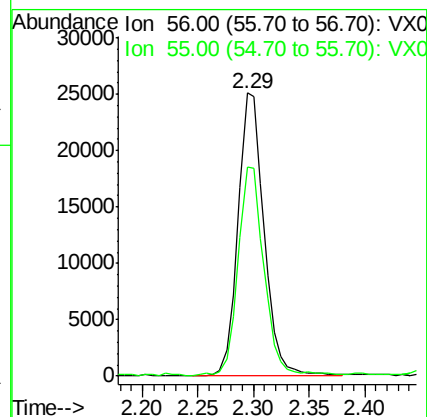
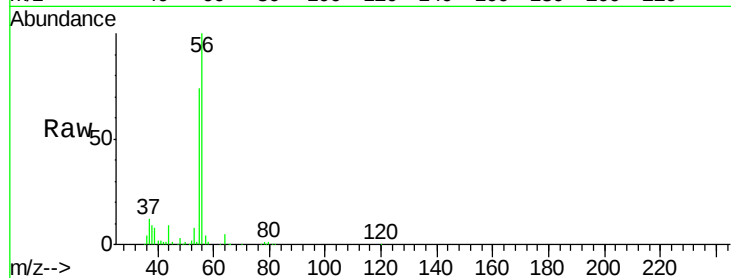
55 72.9 57.0 85.4

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#14

Allyl chloride

Concen: 19.49 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

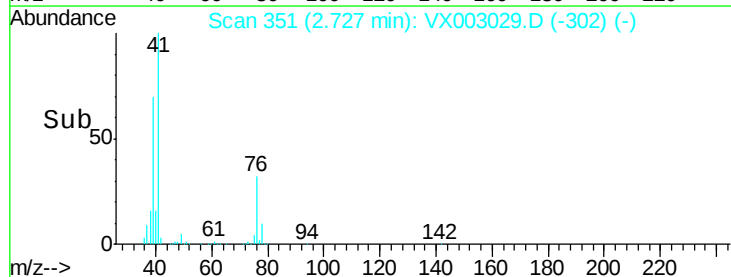
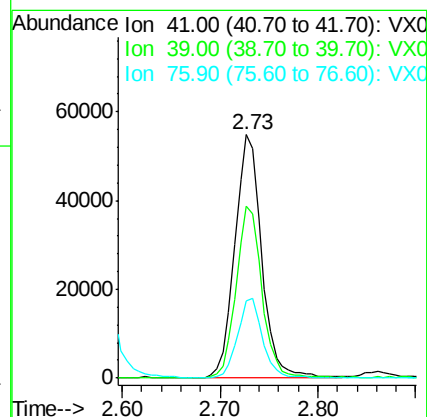
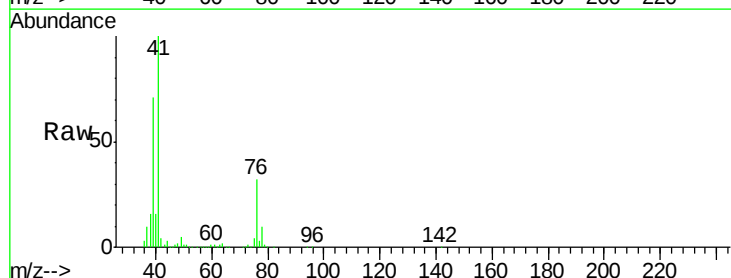
Tgt Ion: 41 Resp: 103478

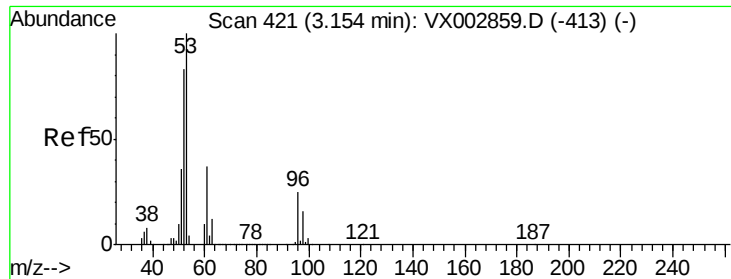
Ion Ratio Lower Upper

41 100

39 67.7 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 103.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

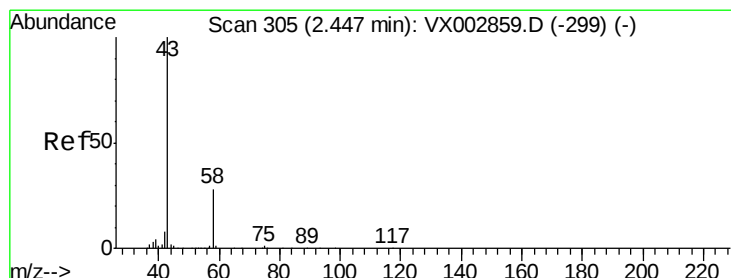
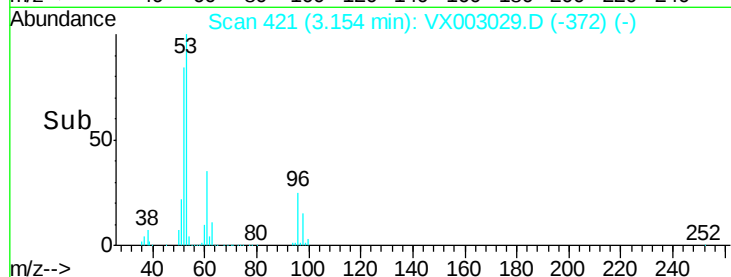
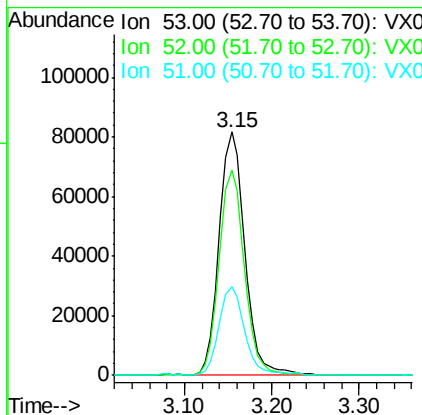
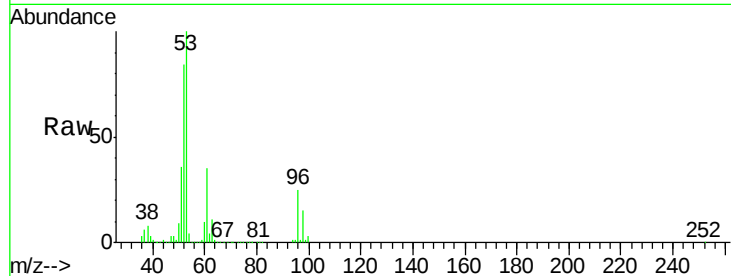
ClientSampled :

VX0629WBS01

Tot Ion:	53	Resp:	165551
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	36.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 98.45 ug/l

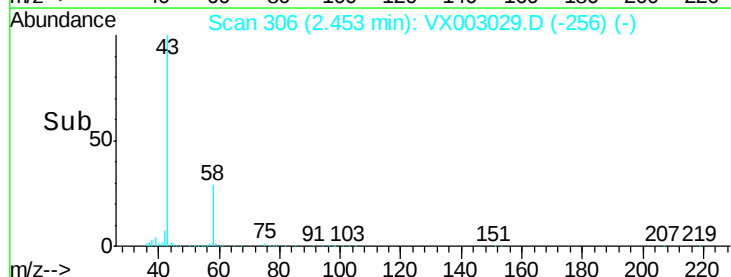
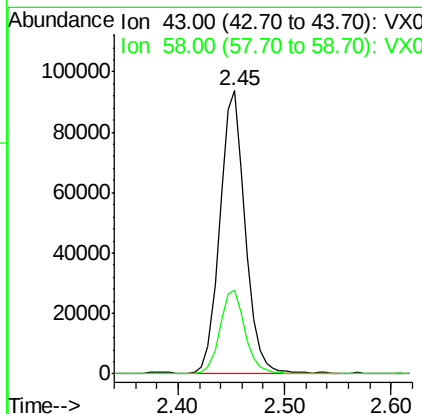
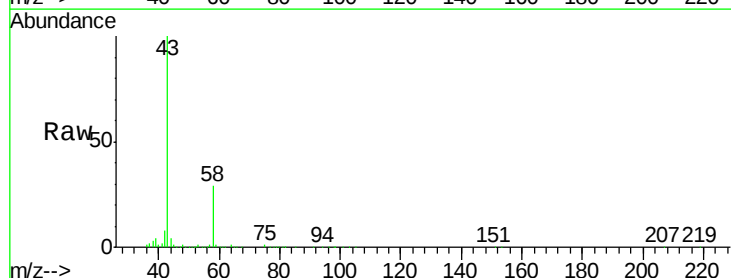
RT: 2.45 min Scan# 306

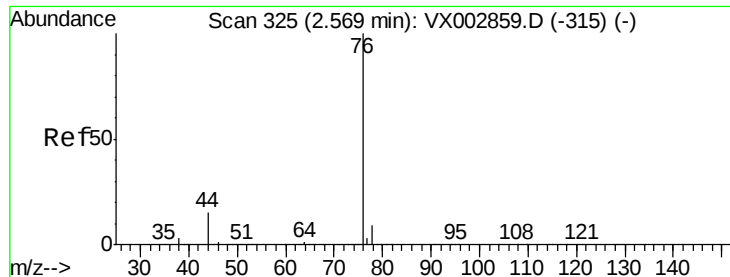
Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	43	Resp:	153883
Ion Ratio	Lower	Upper	
43	100		
58	29.5	22.1	33.1





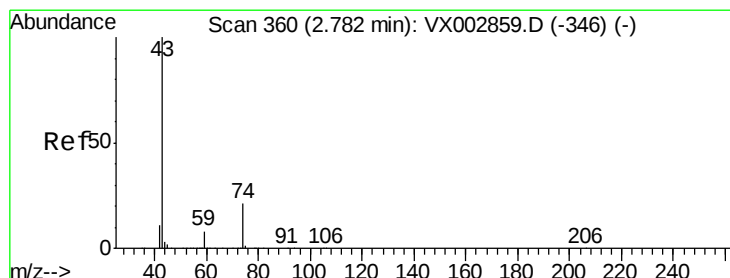
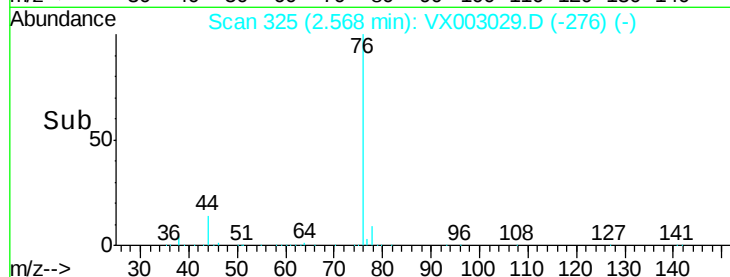
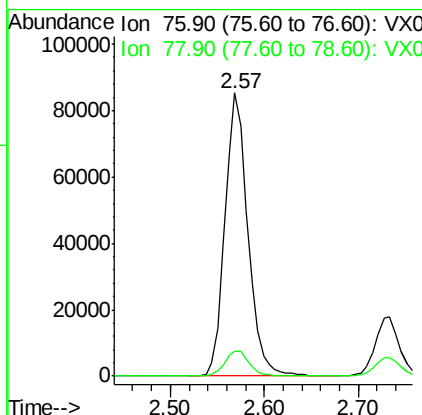
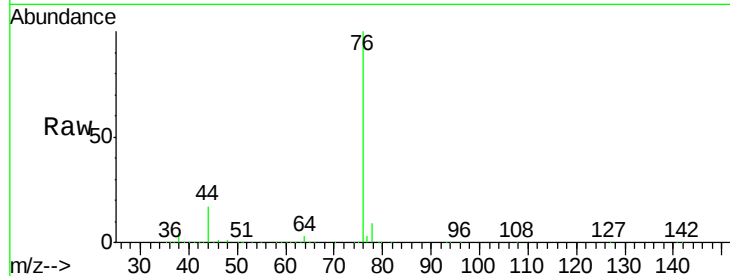
#17
Carbon Disulfide
Concen: 20.17 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

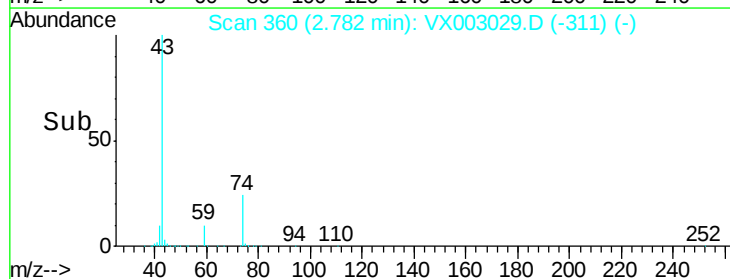
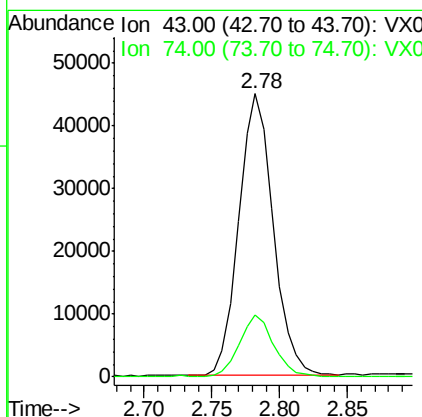
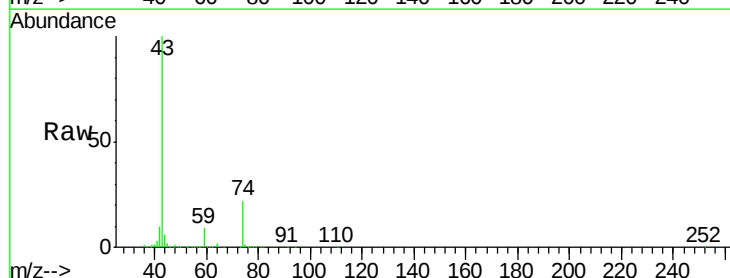
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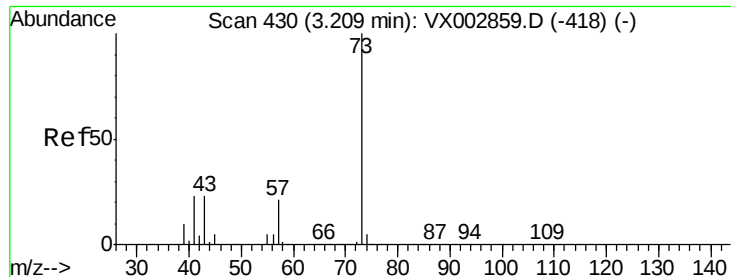
apatel
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#18
Methyl Acetate
Concen: 18.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1





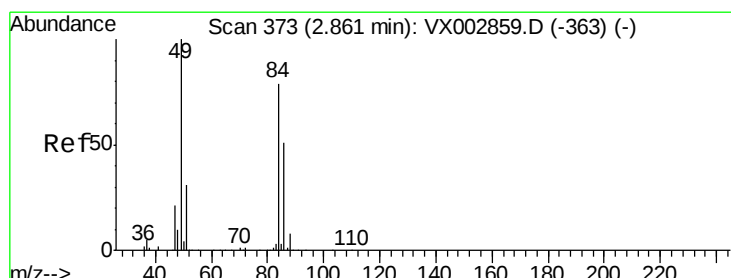
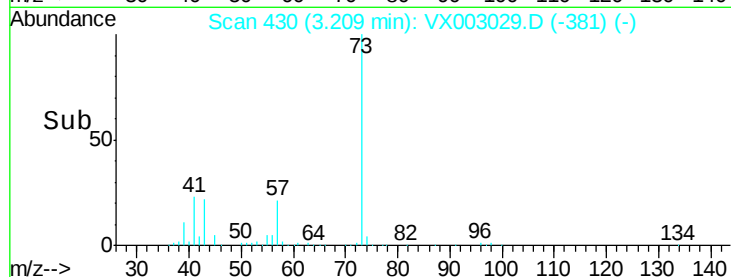
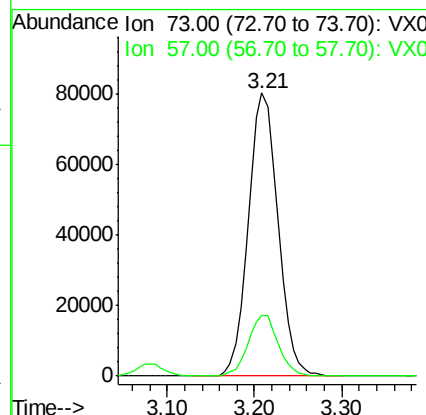
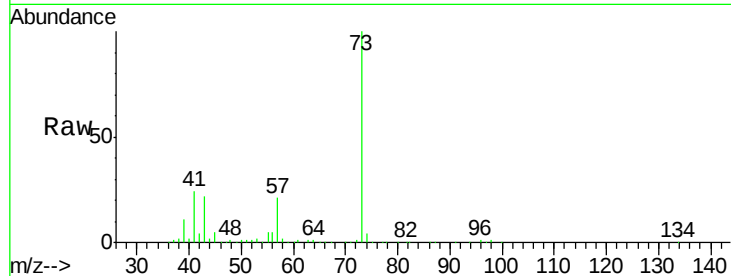
#19
Methvl tert-butvl Ether
Concen: 19.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion: 73 Resp: 189644
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

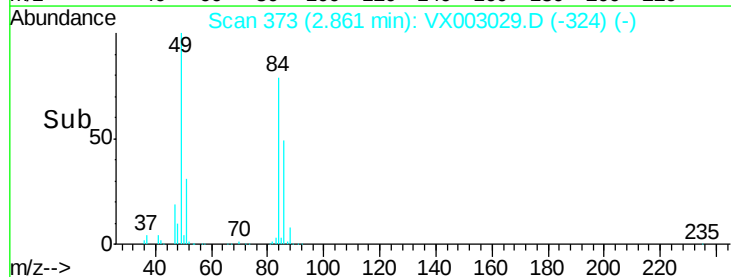
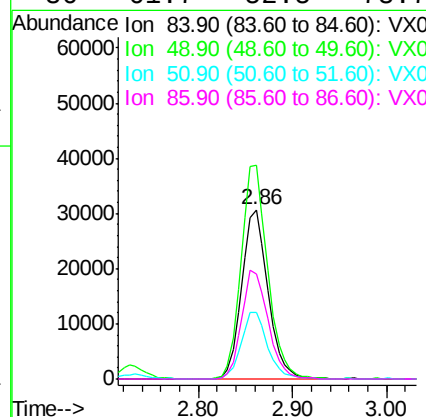
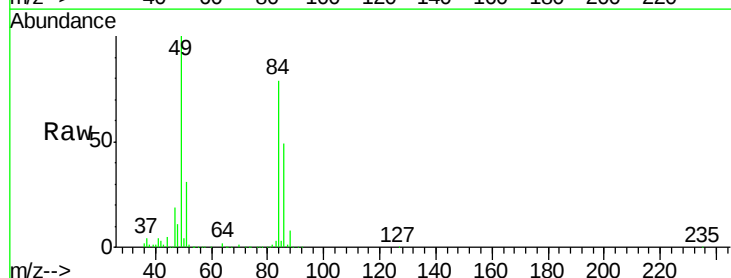
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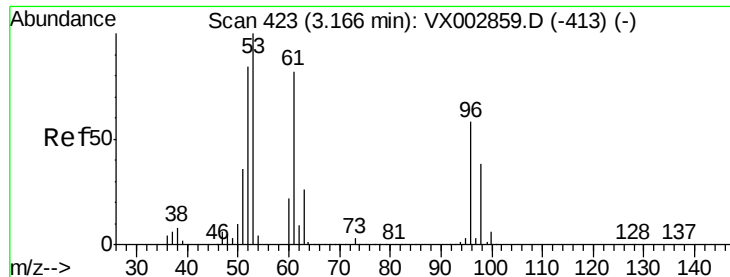
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#20
Methylene Chloride
Concen: 19.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 84 Resp: 59337
Ion Ratio Lower Upper
84 100
49 126.2 107.8 161.6
51 39.1 32.8 49.2
86 61.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

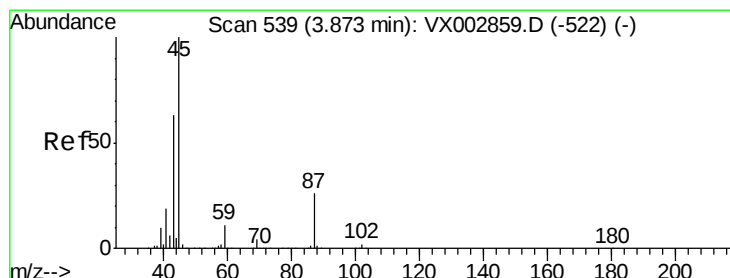
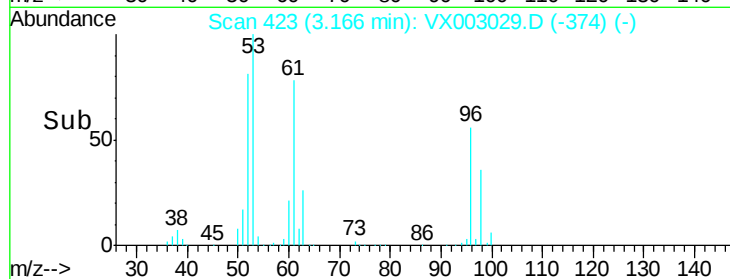
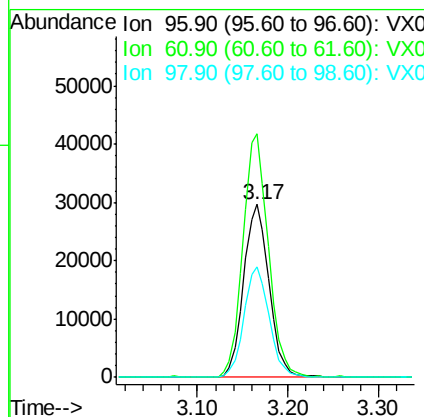
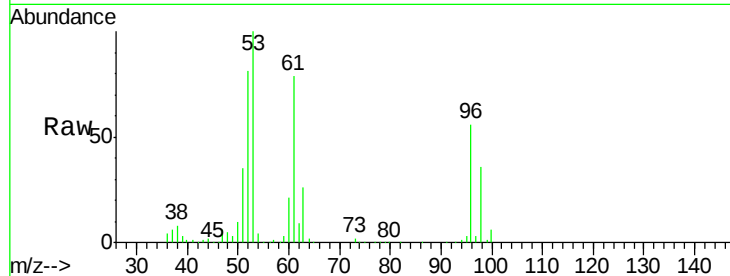
ClientSampled :

VX0629WBS01

Tot Ion:	96	Resp:	57760
Ion Ratio	Lower	Upper	
96	100		
61	140.9	117.0	175.4
98	63.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.55 ug/l

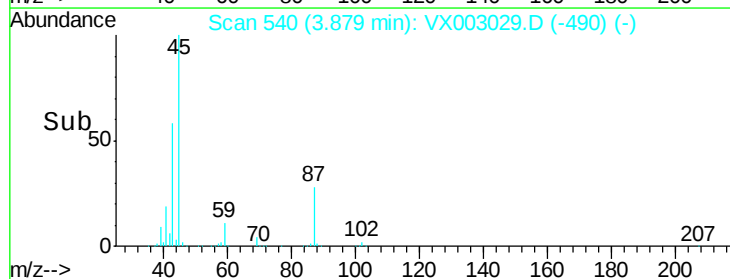
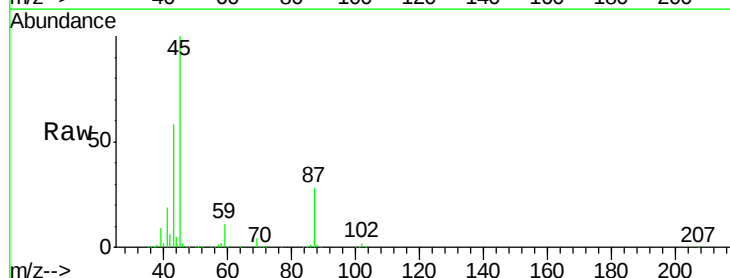
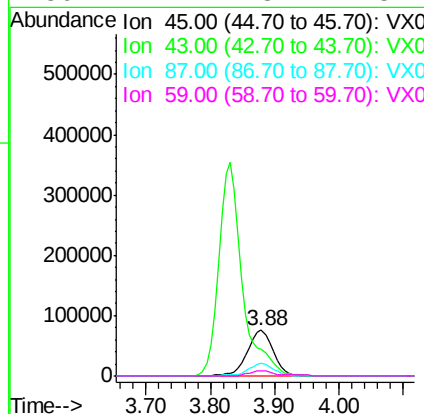
RT: 3.88 min Scan# 540

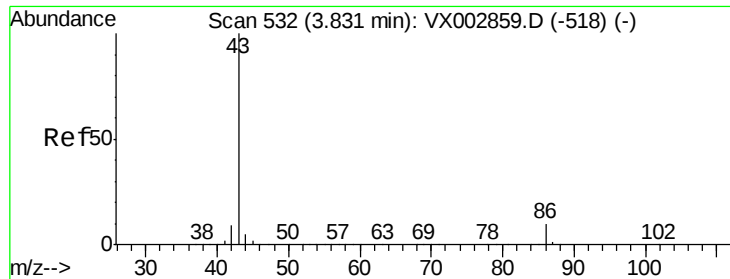
Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	45	Resp:	208531
Ion Ratio	Lower	Upper	
45	100		
43	57.6	46.8	70.2
87	27.8	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 105.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 43 Resp: 908940

Ion Ratio Lower Upper

43 100

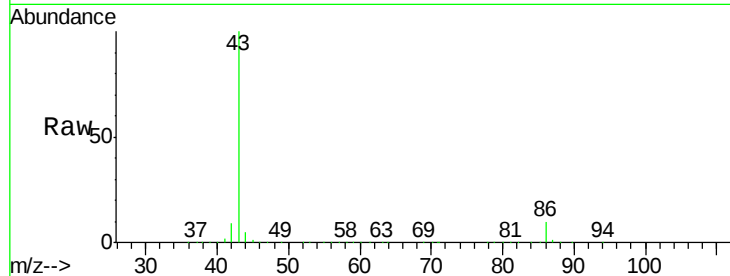
86 9.9 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

300000

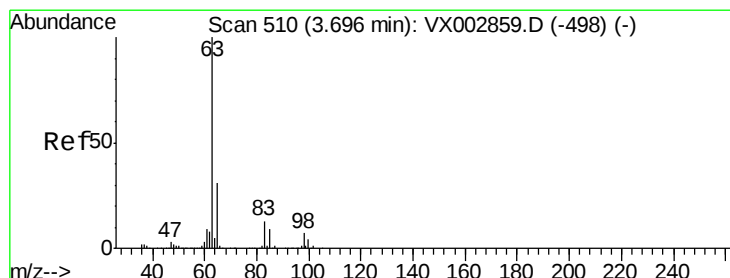
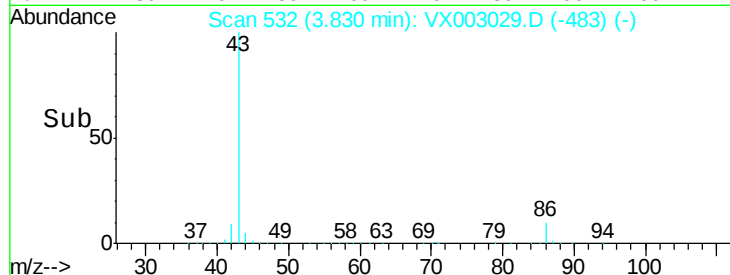
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.63 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

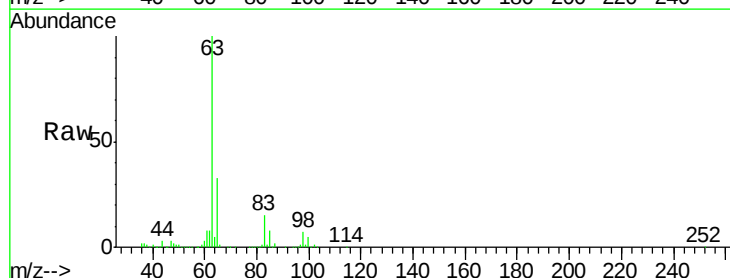
Tgt Ion: 63 Resp: 108260

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

30000

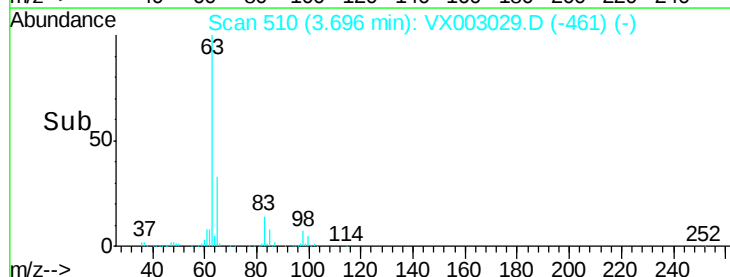
20000

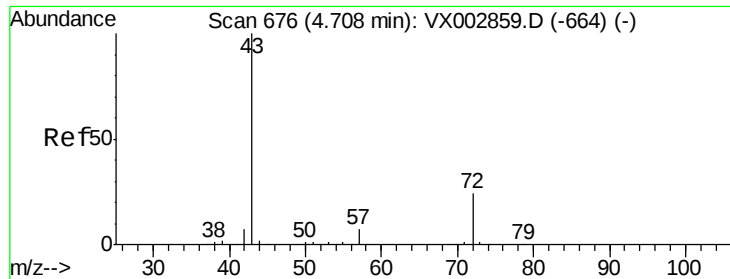
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 104.74 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion: 43 Resp: 242979

Ion Ratio Lower Upper

43 100

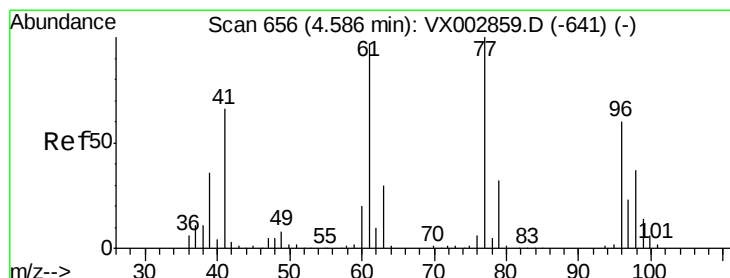
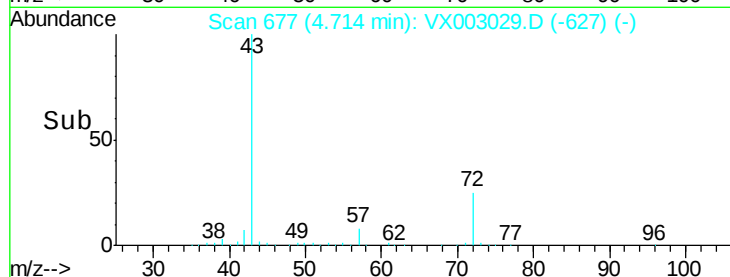
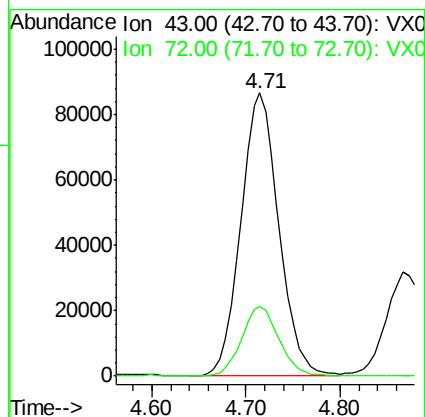
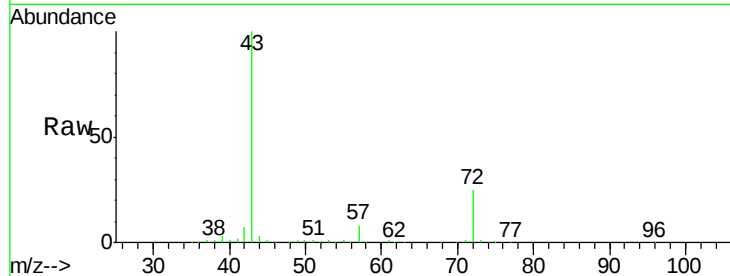
72 24.7 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003029.D

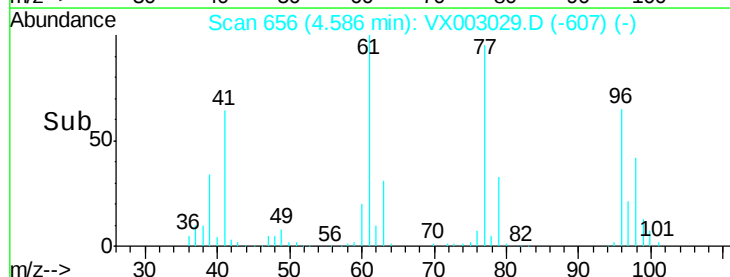
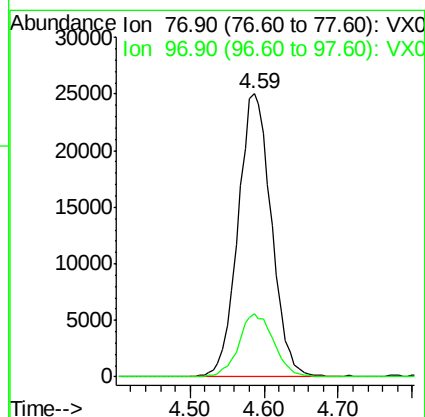
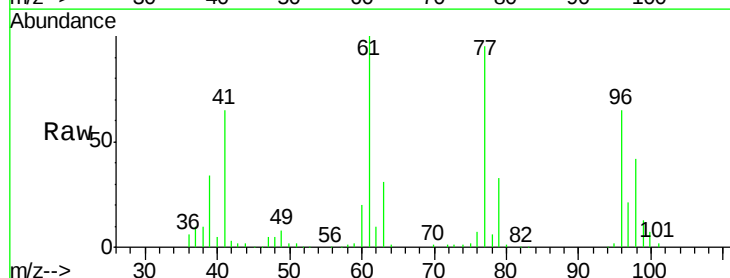
Acq: 29 Jun 2018 15:25

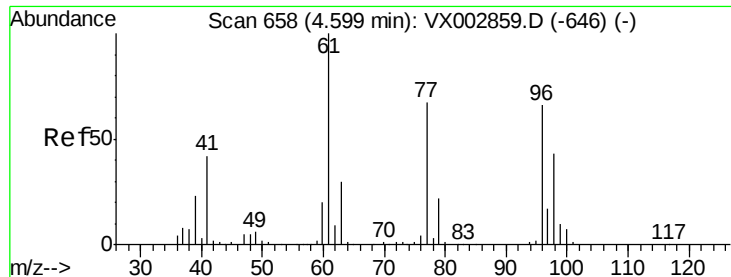
Tgt Ion: 77 Resp: 78637

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.30 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

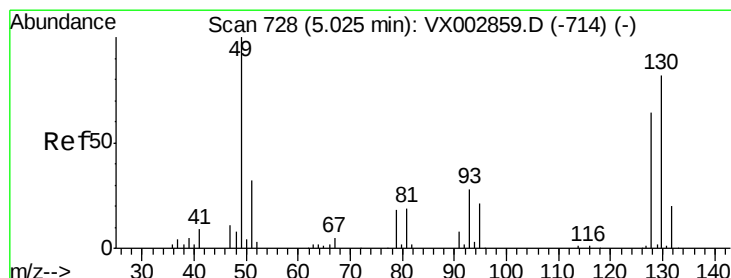
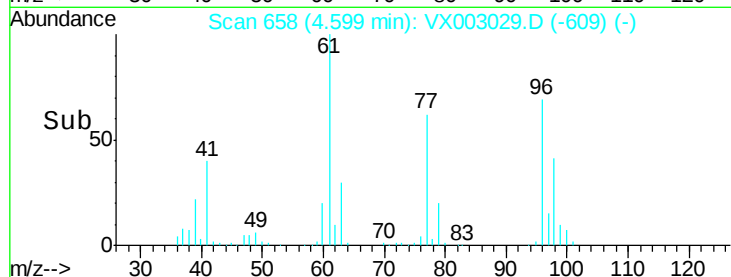
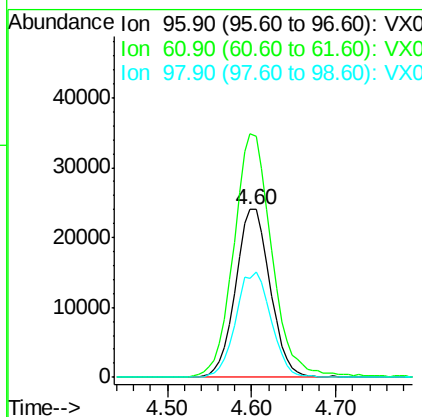
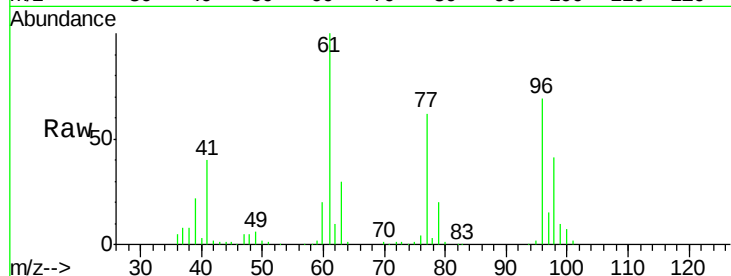
ClientSampleId :

VX0629WBS01

Tot Ion:	96	Resp:	66778
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	330.2
98	64.0	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 18.89 ug/l

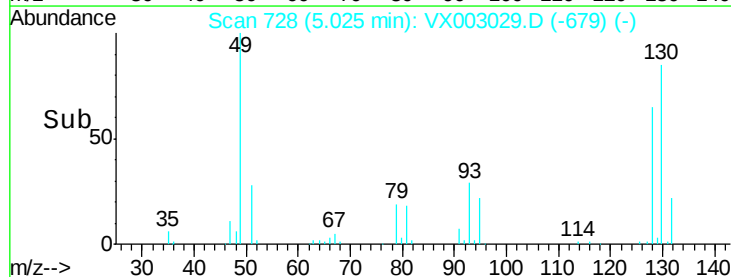
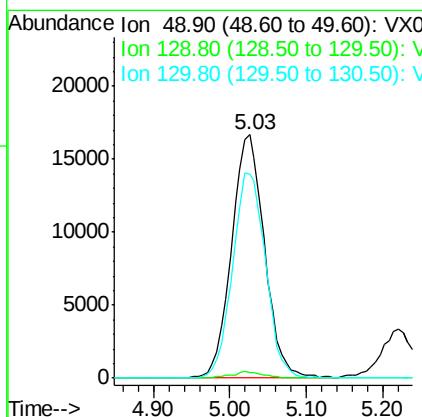
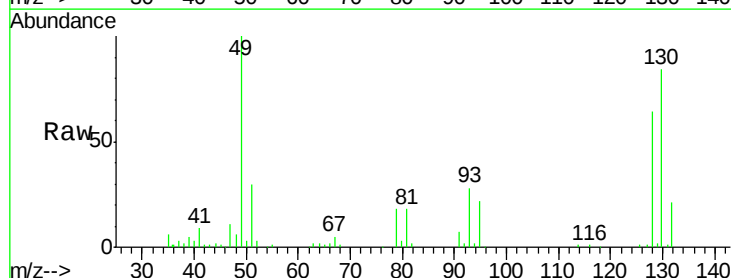
RT: 5.03 min Scan# 728

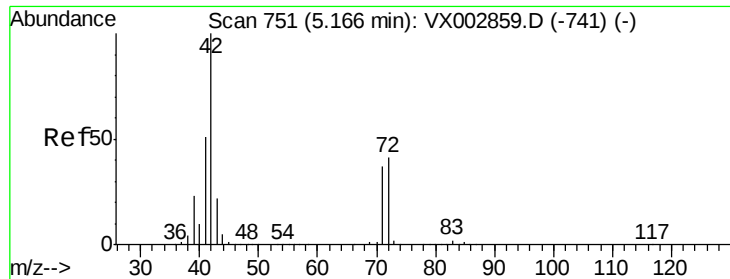
Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	49	Resp:	49863
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	84.3	61.2	91.8





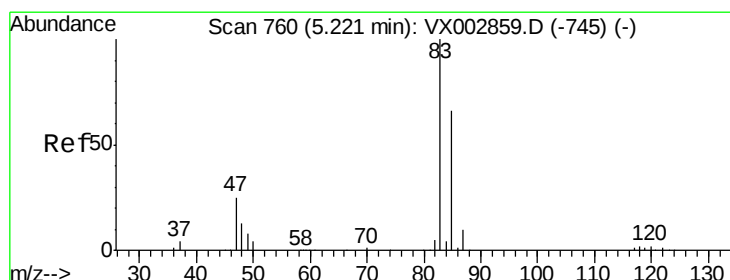
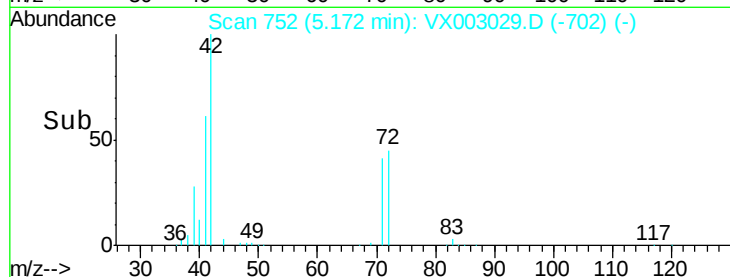
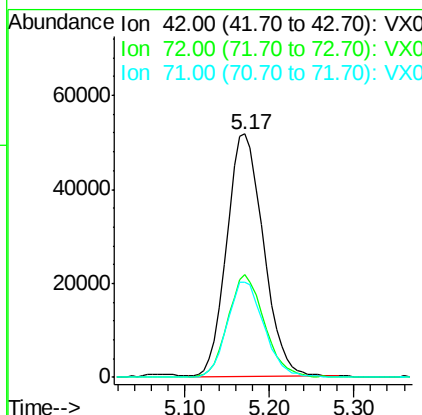
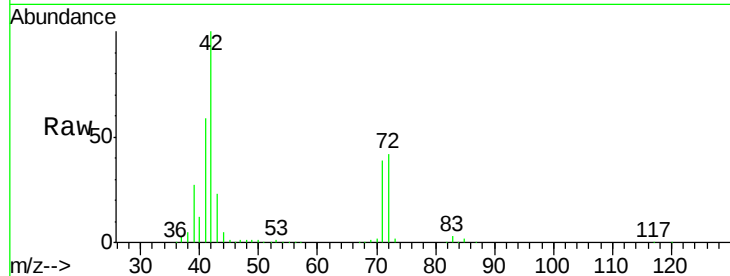
#29
Tetrahydrofuran
Concen: 102.99 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.0	48.0
71	39.6	30.1	45.1

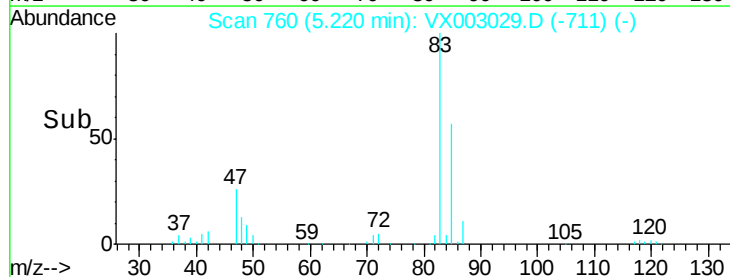
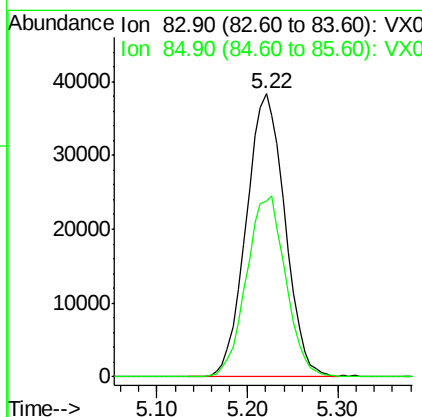
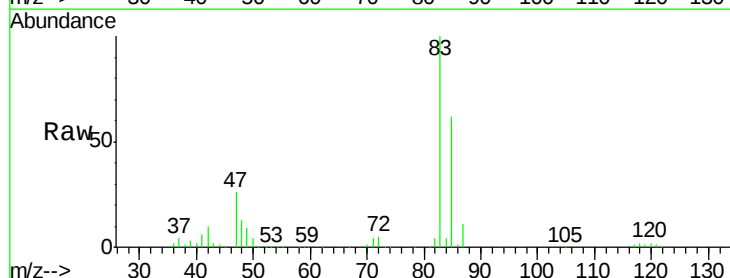
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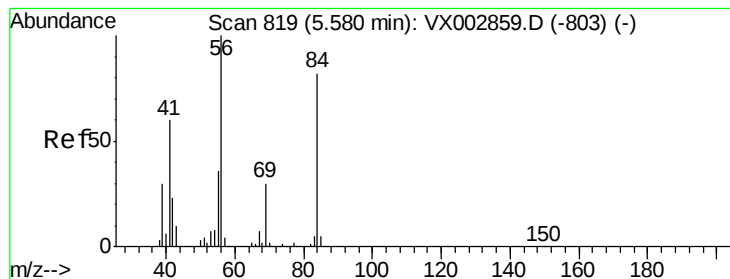
apatel
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#30
Chloroform
Concen: 19.99 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.4	75.6





#31

Cyclohexane

Concen: 19.40 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

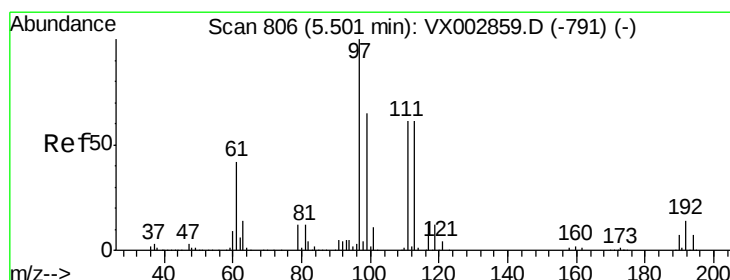
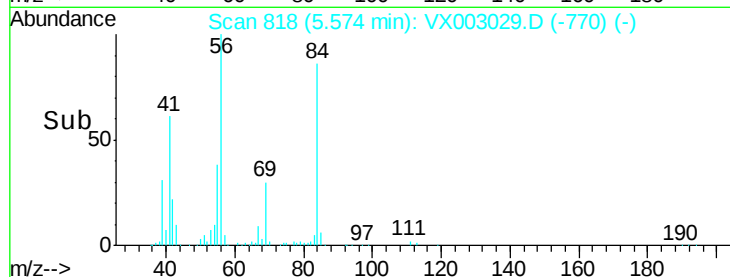
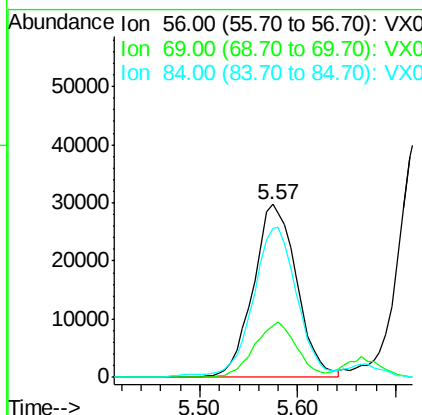
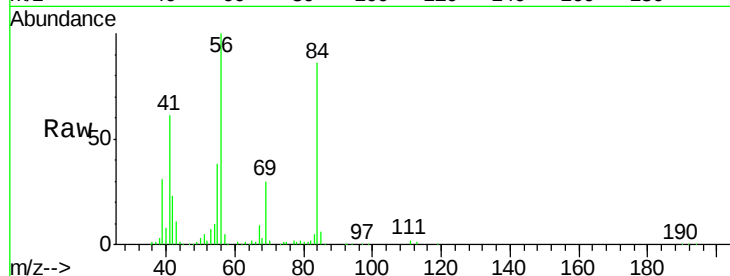
ClientSampled :

VX0629WBS01

Tot Ion:	56	Resp:	91813
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	84.4	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.04 ug/l

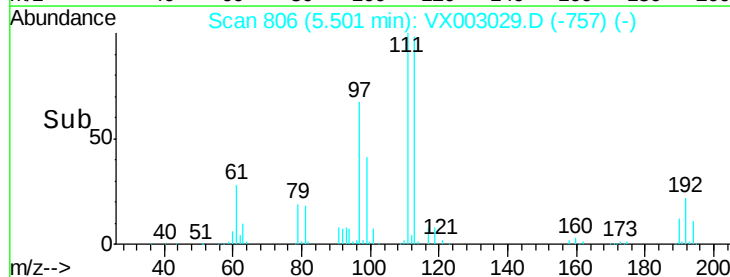
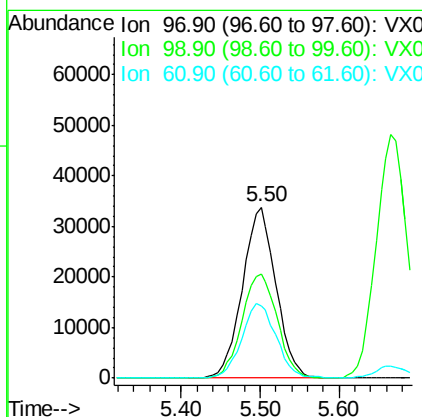
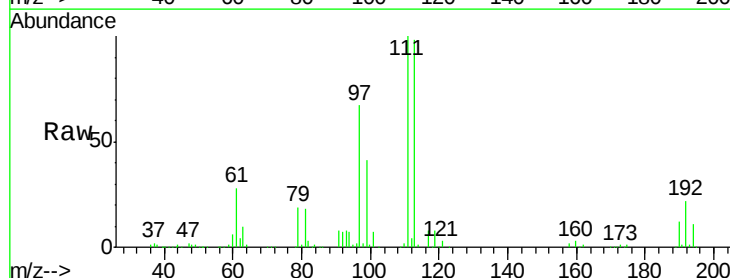
RT: 5.50 min Scan# 806

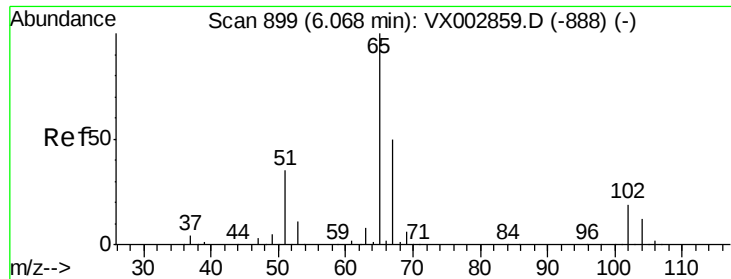
Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	97	Resp:	99790
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	44.8	36.4	54.6





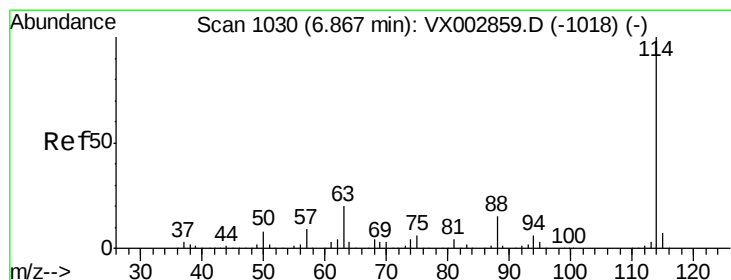
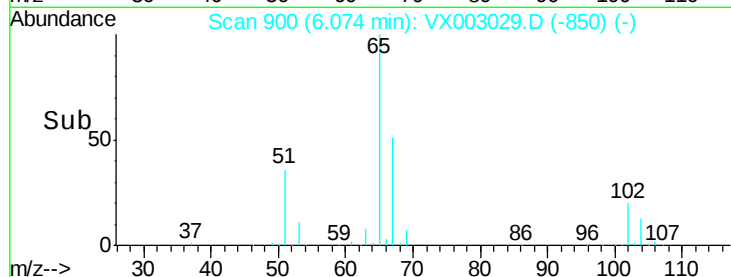
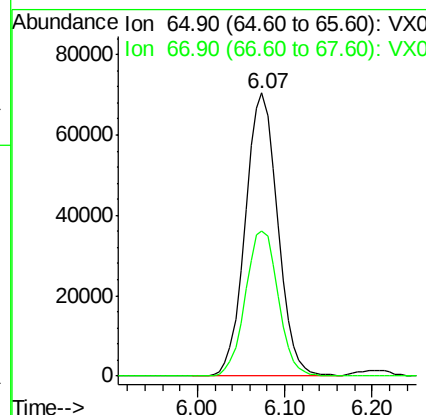
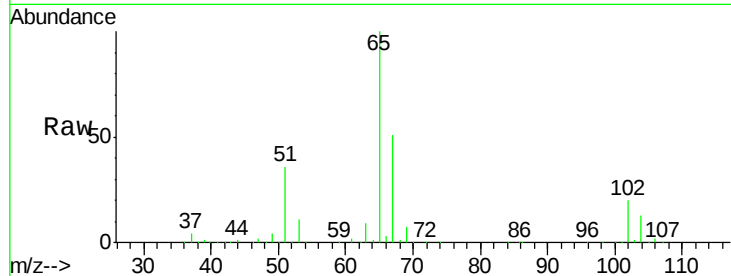
#33
 1,2-Dichloroethane-d4
 Concen: 48.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181820		
67	52.1	0.0	102.6	

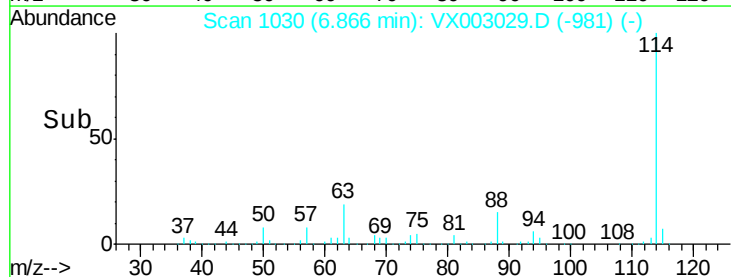
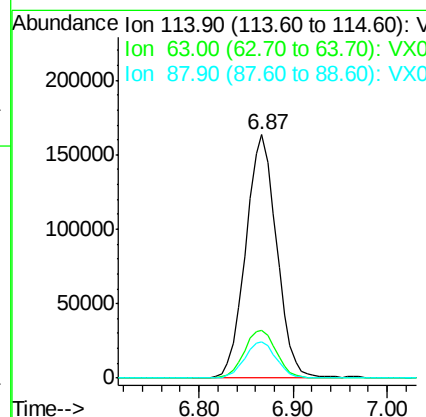
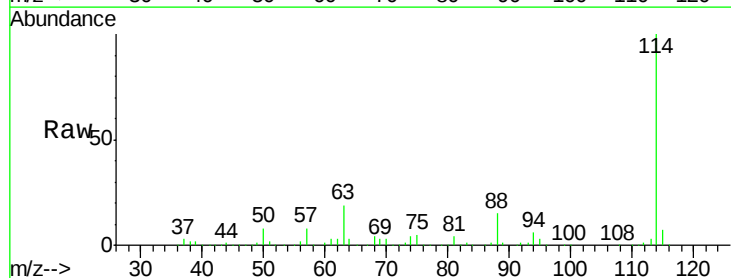
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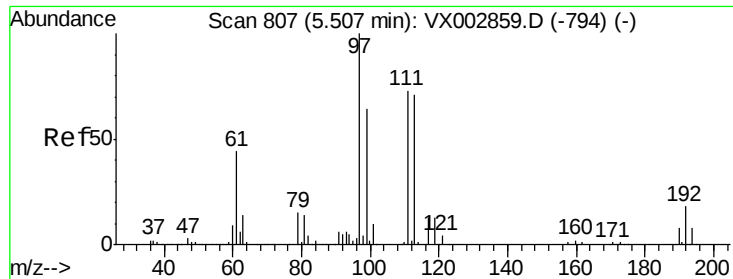
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372838		
63	19.5	0.0	41.4	
88	15.0	0.0	30.0	





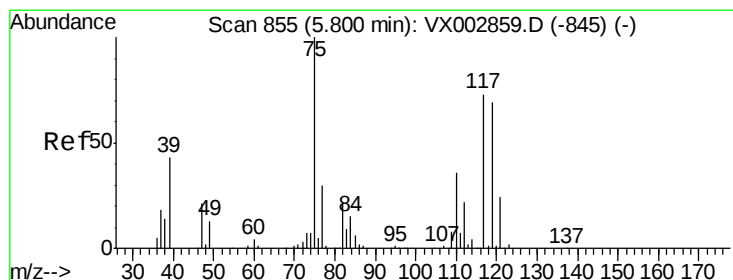
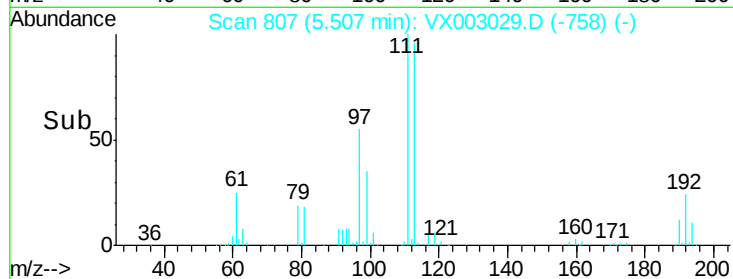
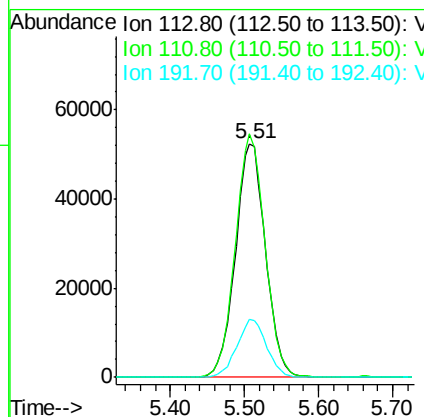
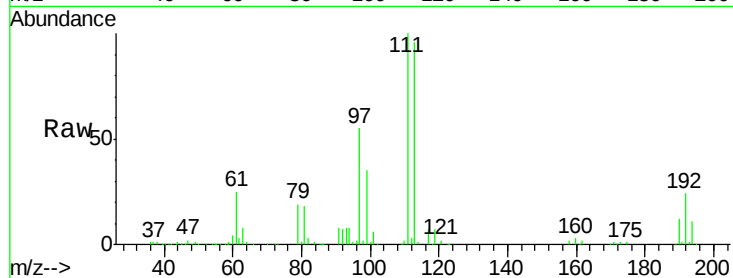
#35
Dibromofluoromethane
Concen: 50.36 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148679		
111	102.7	81.4	122.0	
192	24.4	19.1	28.7	

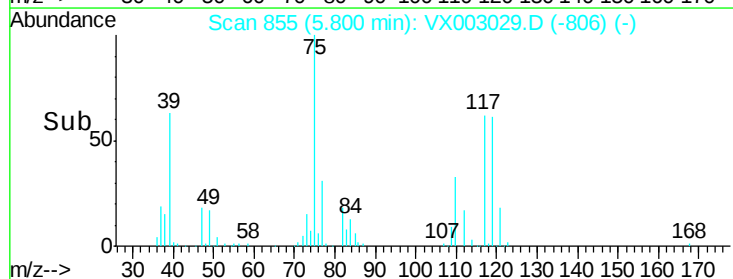
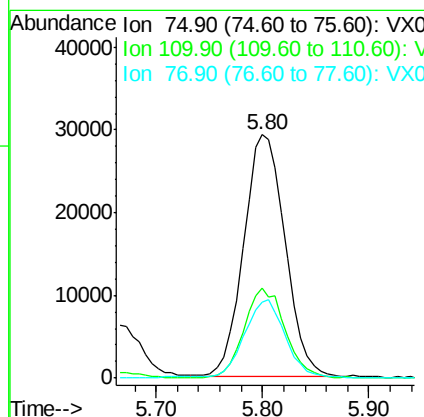
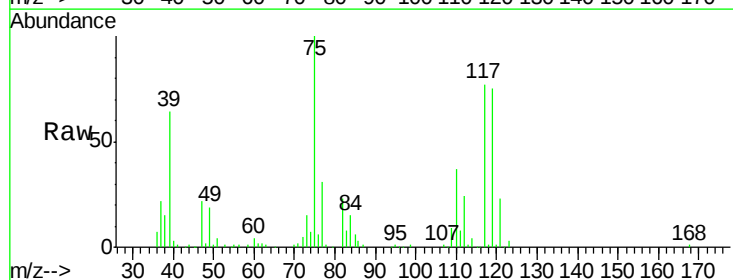
Manual Integrations
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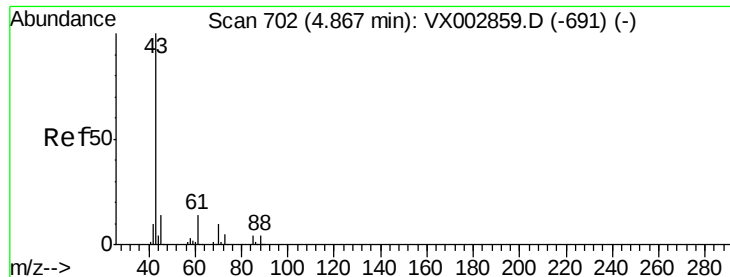
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#36
1,1-Dichloropropene
Concen: 19.60 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80157		
110	37.0	18.1	54.4	
77	31.5	24.3	36.5	





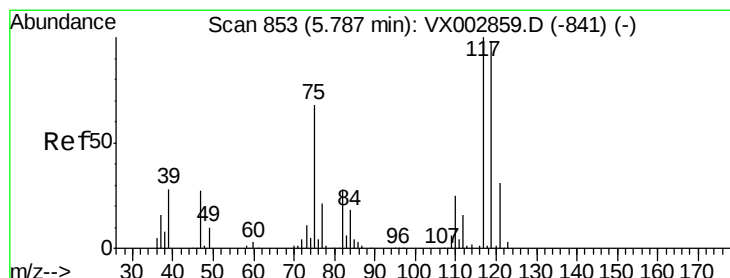
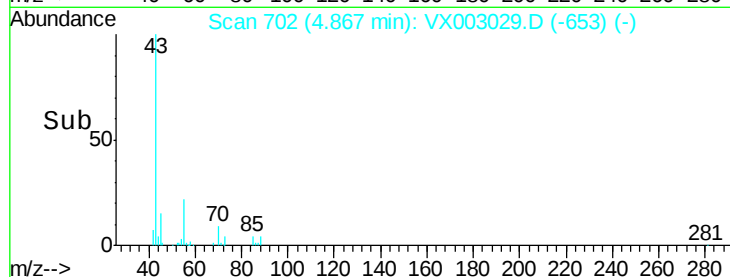
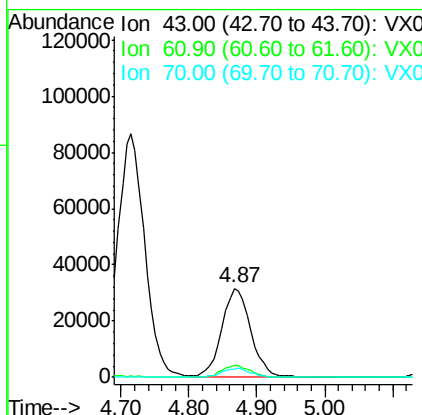
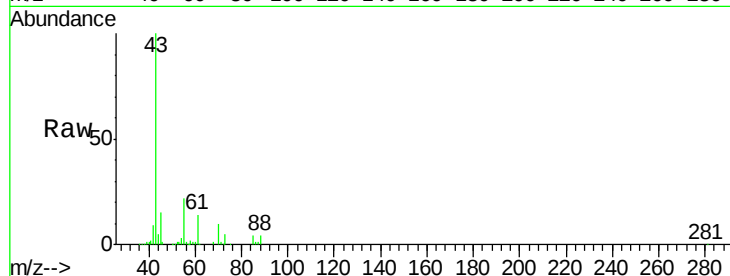
#37
Ethyl Acetate
Concen: 21.10 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.1	7.6	11.4

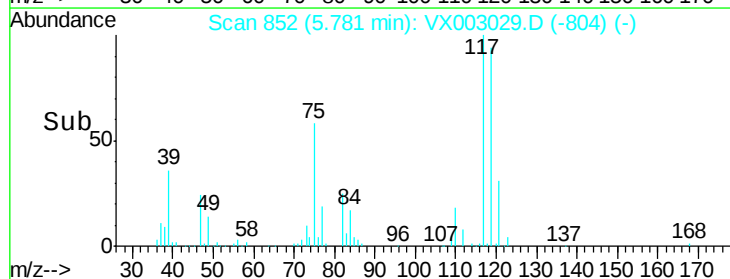
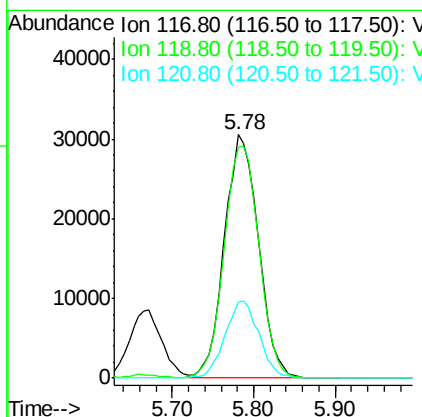
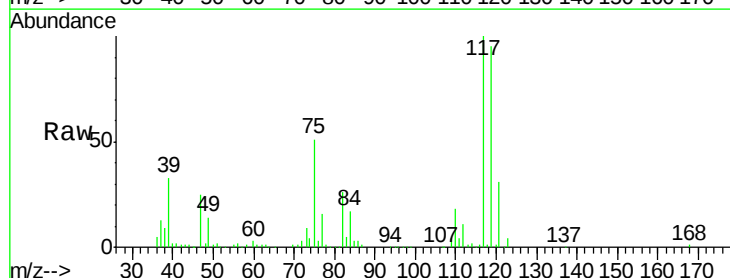
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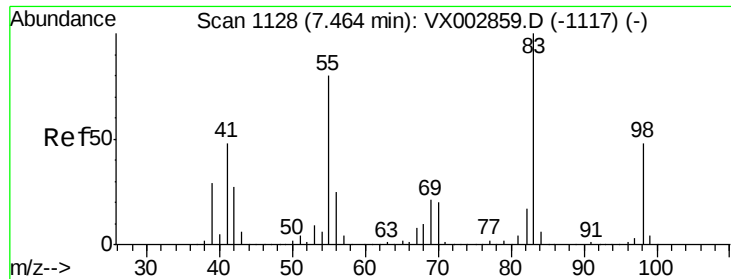
apatel
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#38
Carbon Tetrachloride
Concen: 19.71 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
121	31.4	24.4	36.6





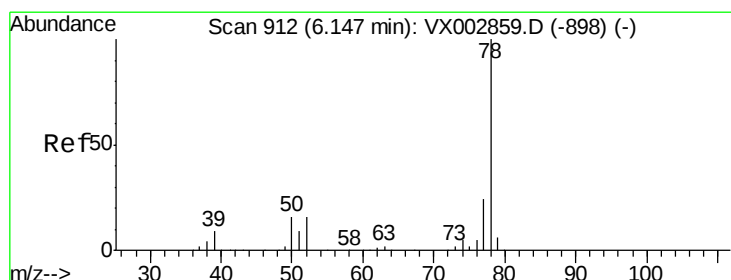
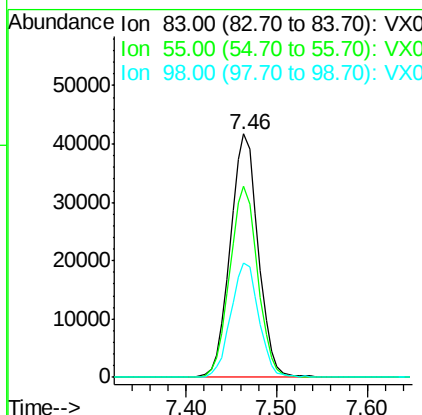
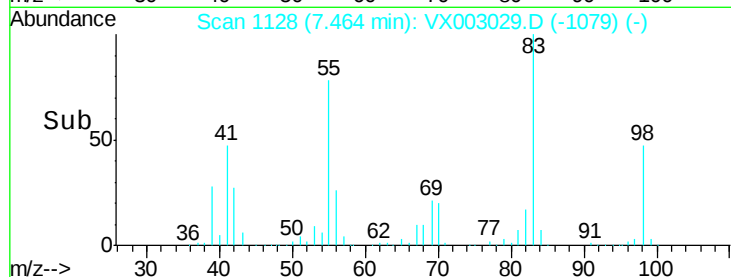
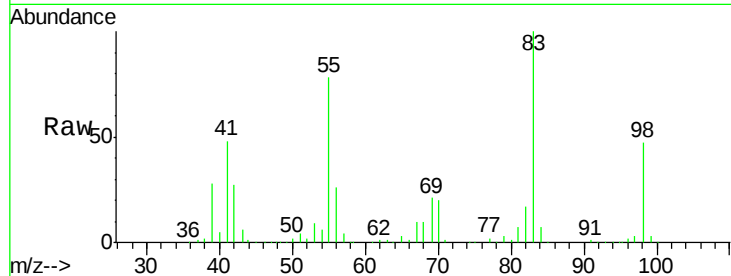
#39
Methvlcvclohexane
Concen: 18.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.4	98.0
98	46.9	37.4	56.0

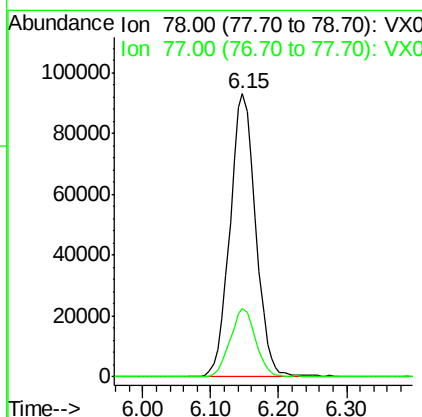
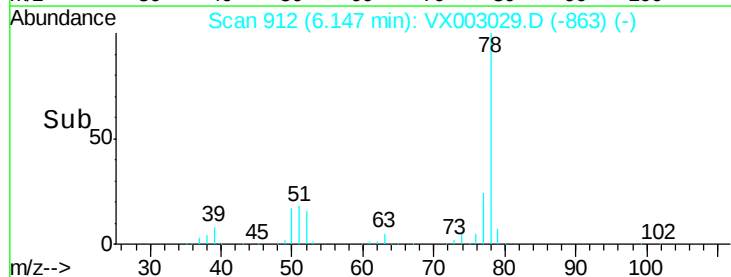
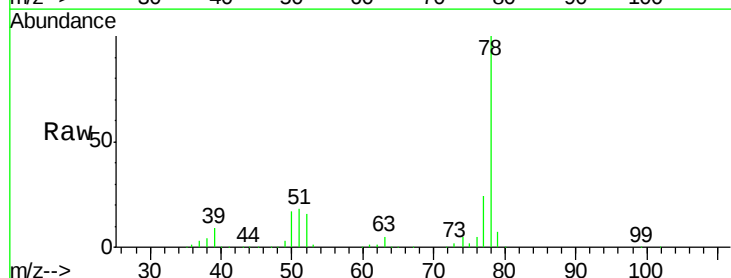
Manual Integrations
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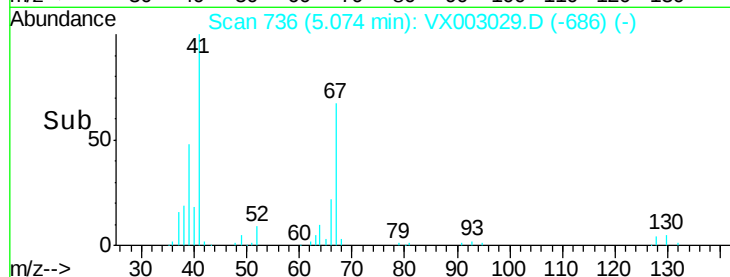
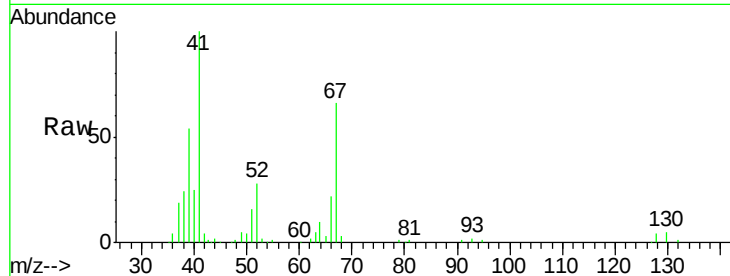
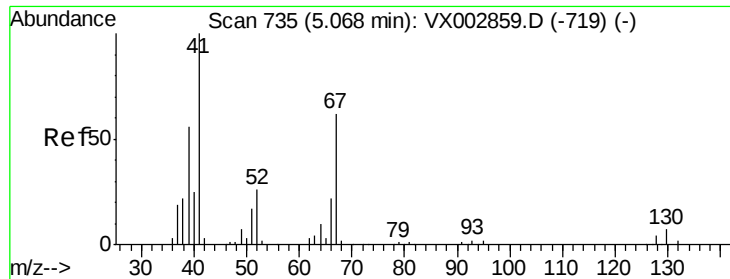
apatel
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#40
Benzene
Concen: 20.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

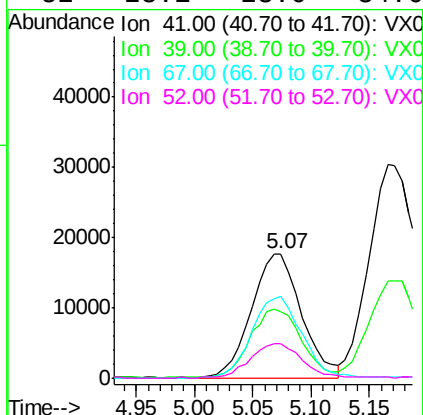
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41
Methacrylonitrile
Concen: 20.77 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

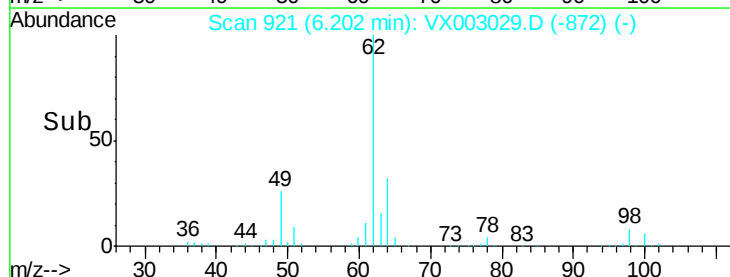
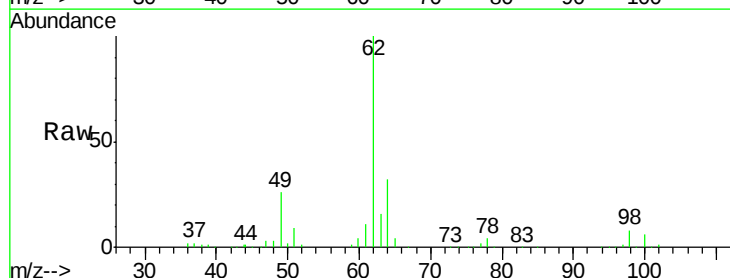
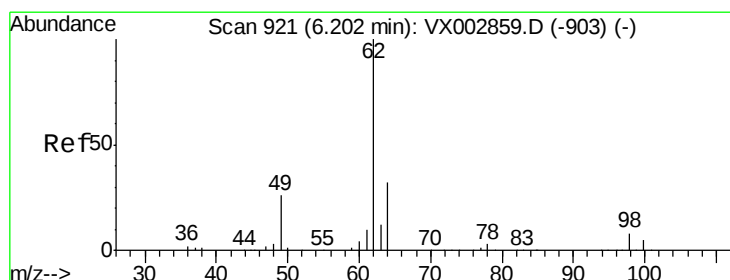
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		52640		
39	56.5	45.8	68.6		
67	66.1	51.3	76.9		
52	28.1	23.0	34.6		



Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

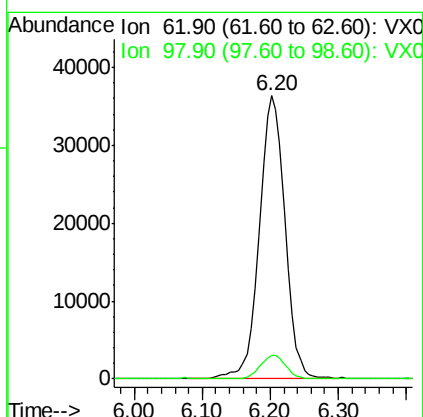
Manual Integrations
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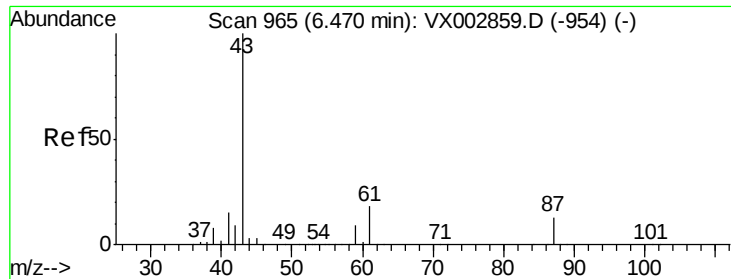
apatel
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#42
1,2-Dichloroethane
Concen: 20.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		96205		
98	8.3	0.0	16.6		





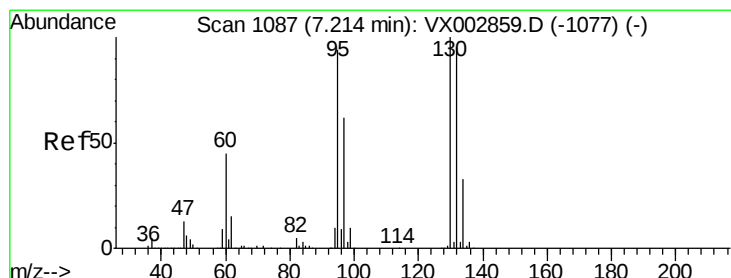
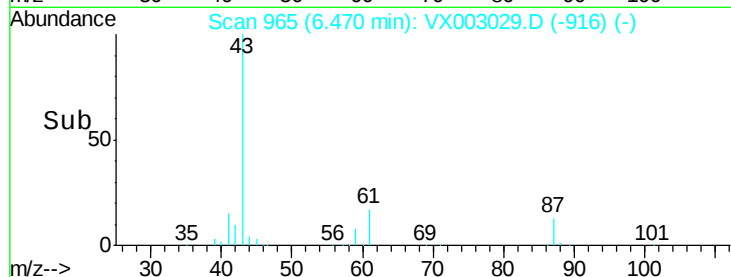
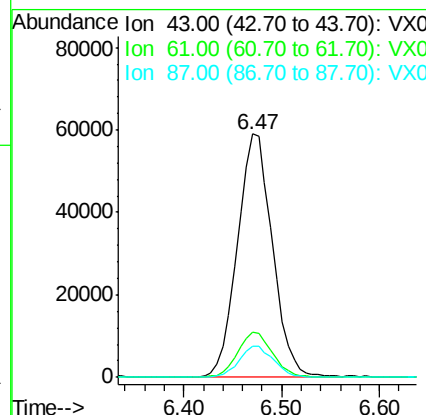
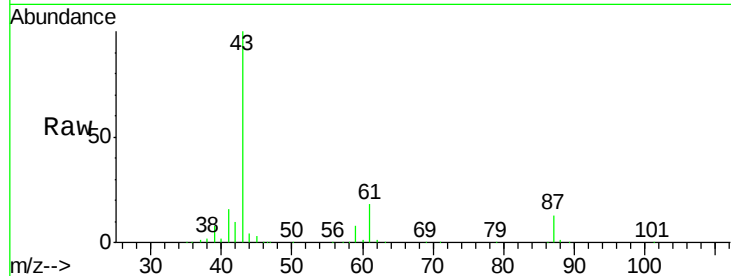
#43
Isopropyl Acetate
Concen: 19.73 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.7	9.5	14.3

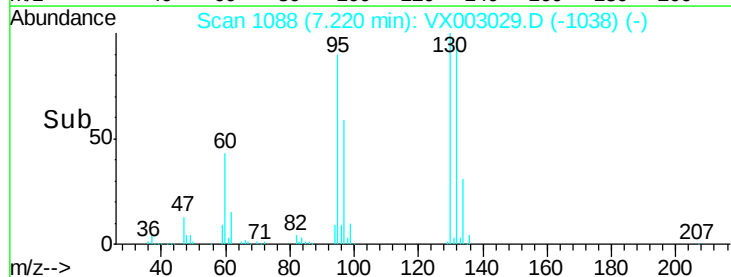
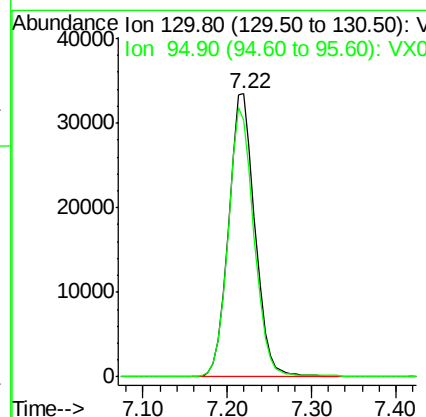
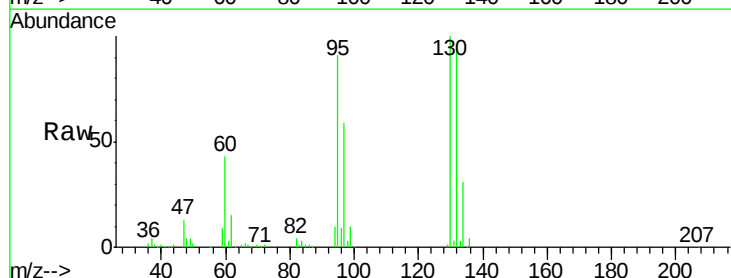
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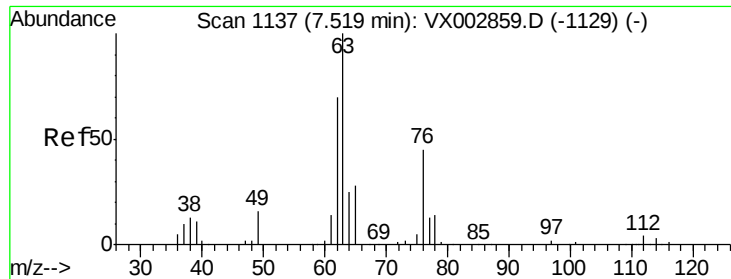
apatel
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#44
Trichloroethene
Concen: 20.24 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	185.4





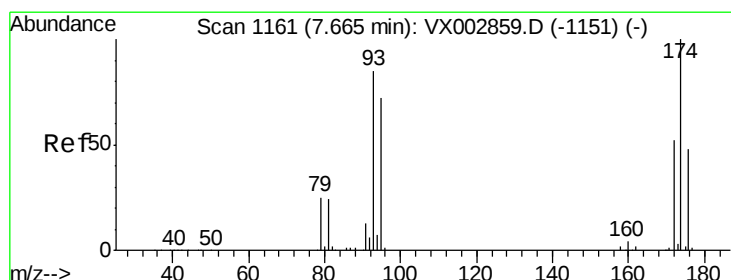
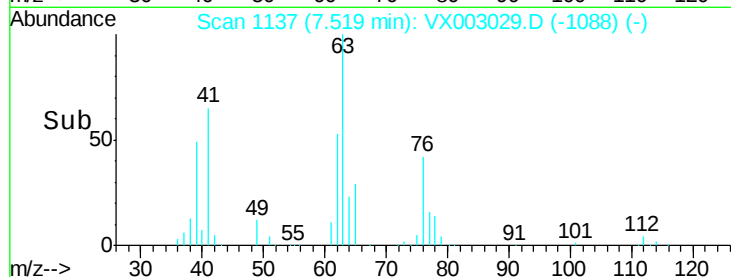
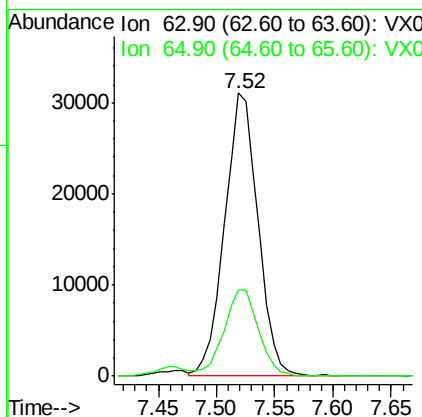
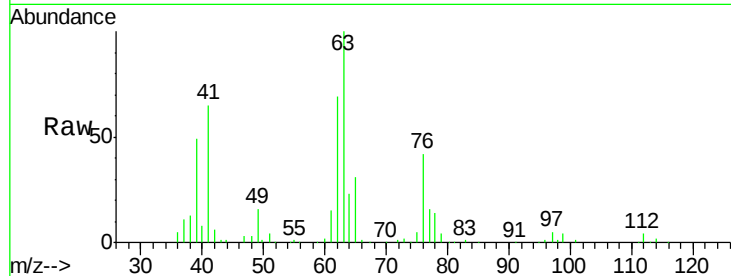
#45
 1,2-Dichloropropane
 Concen: 19.53 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBS01

Tot Ion: 63 Resp: 61547
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

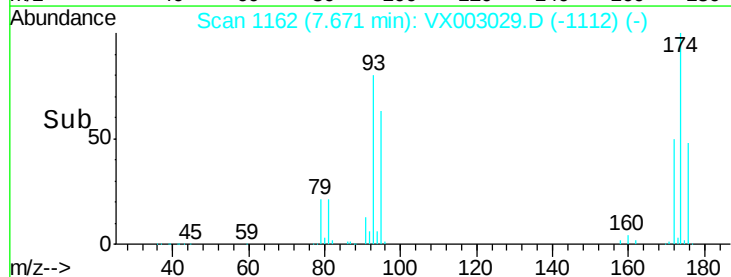
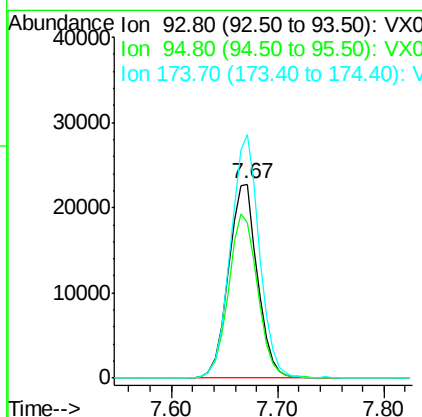
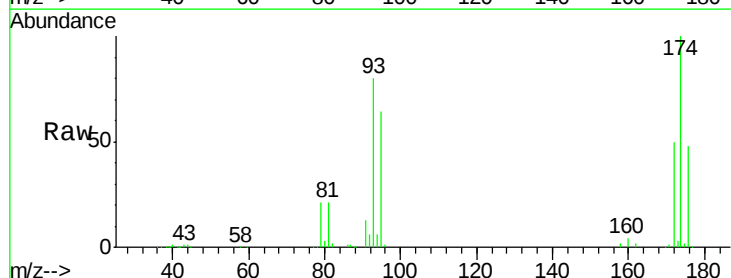
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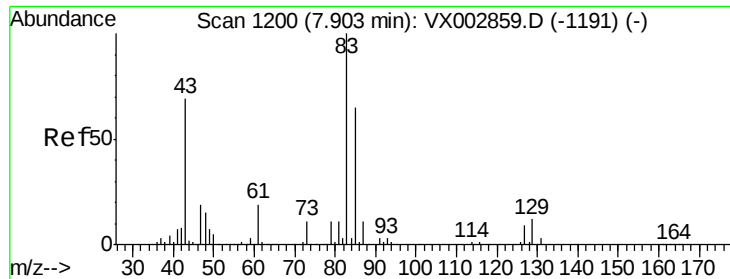
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#46
 Dibromomethane
 Concen: 19.95 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 93 Resp: 43624
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.9 98.9
 174 123.6 92.4 138.6





#47

Bromodichloromethane

Concen: 19.75 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

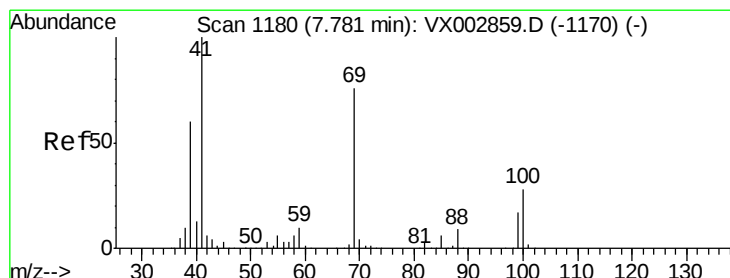
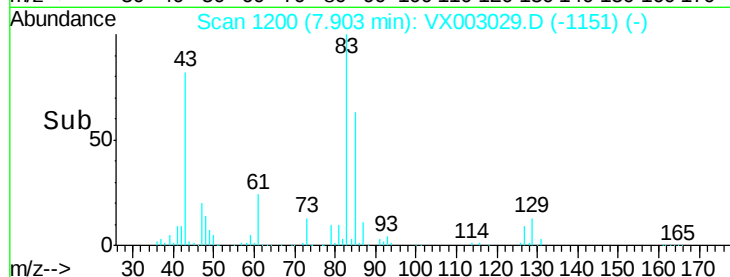
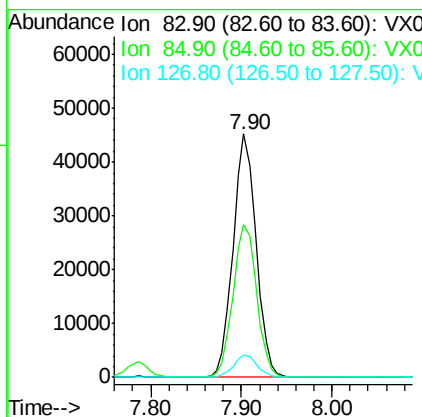
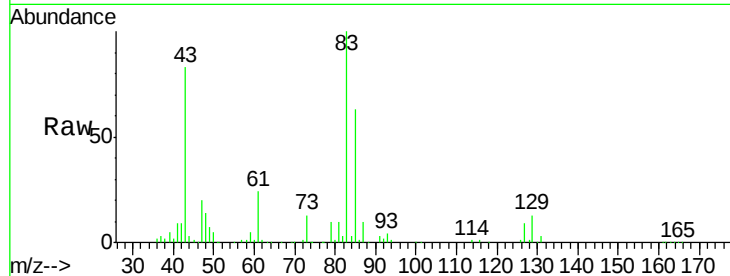
ClientSampled :

VX0629WBS01

Tot Ion:	83	Resp:	79855
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.3	75.5
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.76 ug/l

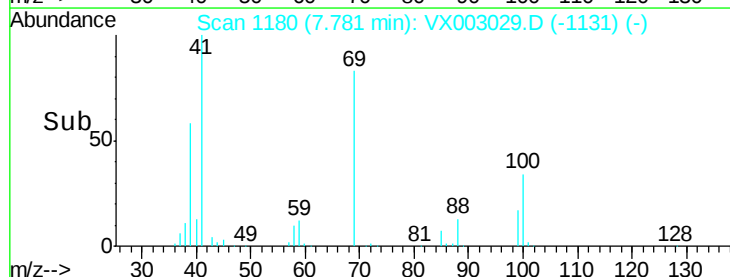
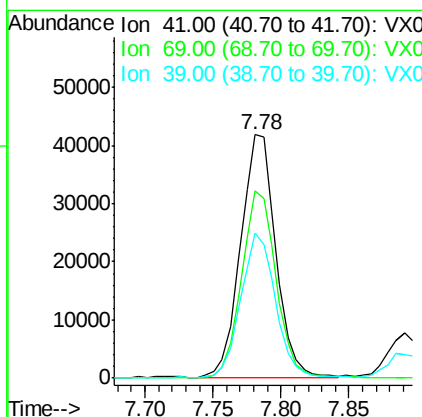
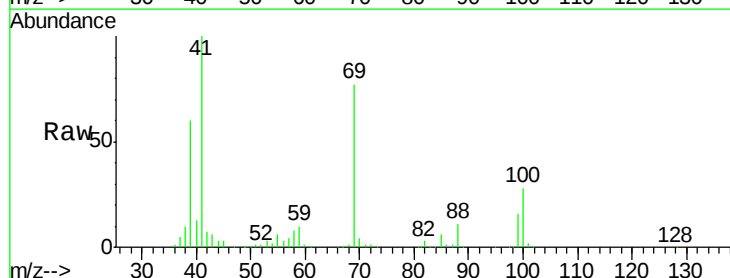
RT: 7.78 min Scan# 1180

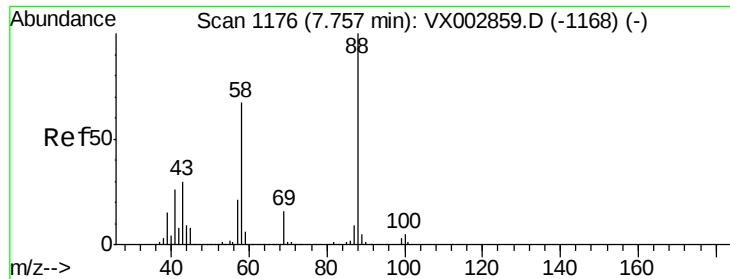
Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	41	Resp:	75155
Ion	Ratio	Lower	Upper
41	100		
69	76.5	59.1	88.7
39	58.6	48.9	73.3





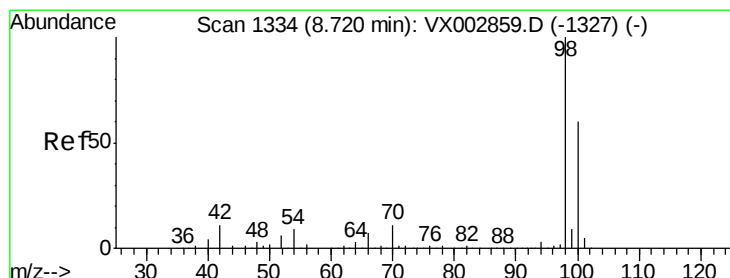
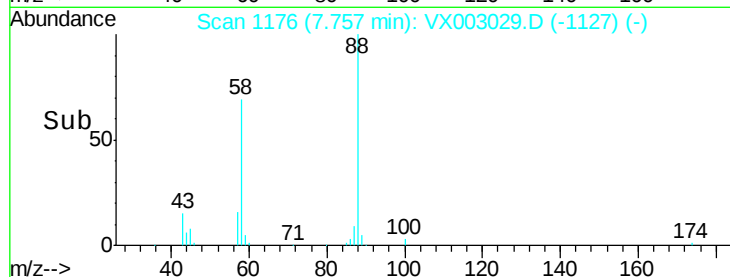
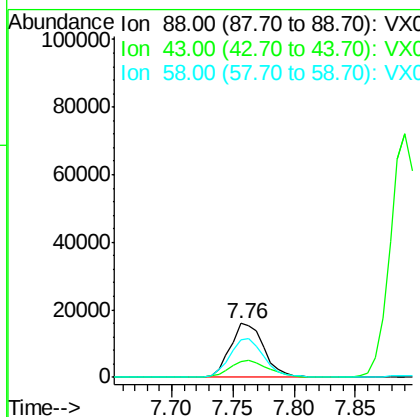
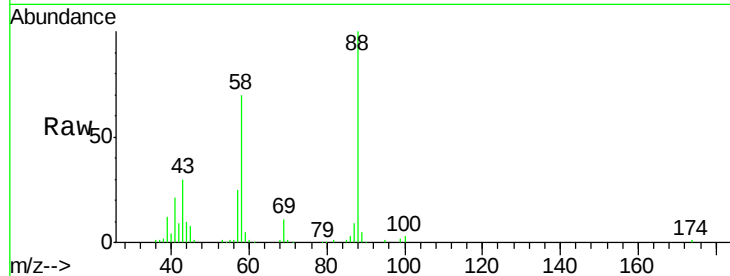
#49
 1,4-Dioxane
 Concen: 412.25 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion:	88	Resp:	30512
Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	73.3	57.1	85.7

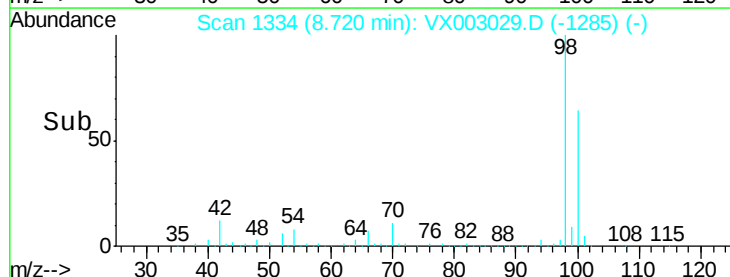
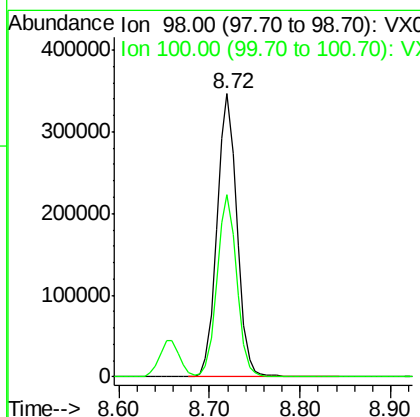
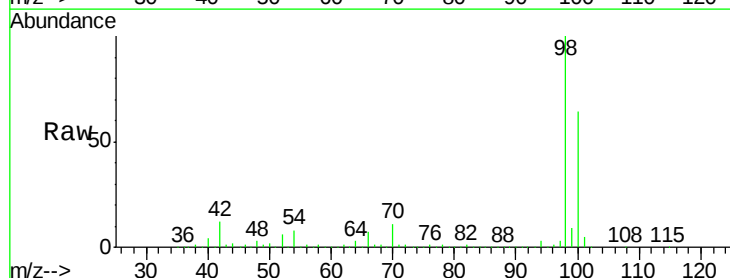
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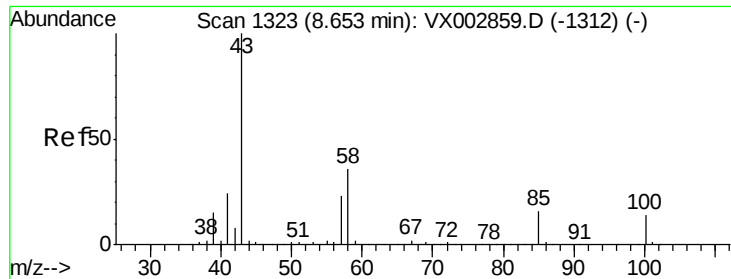
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#50
 Toluene-d8
 Concen: 49.44 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion:	98	Resp:	533059
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 104.62 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion: 43 Resp: 483263

Ion Ratio Lower Upper

43 100

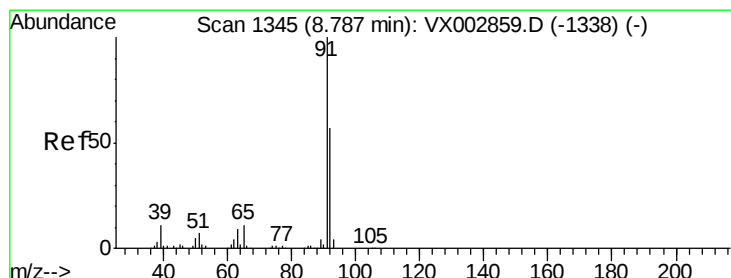
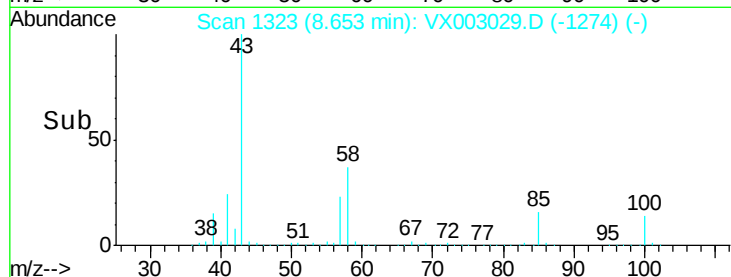
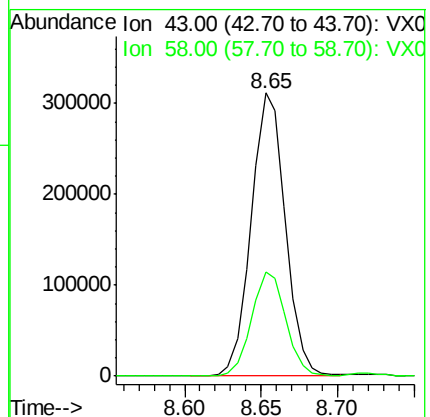
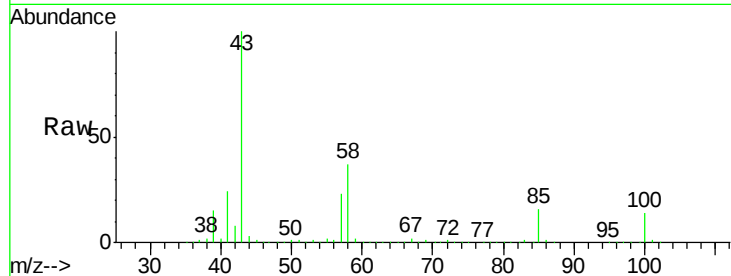
58 36.8 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 20.59 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003029.D

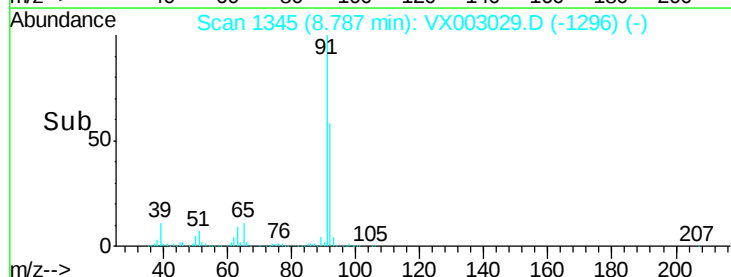
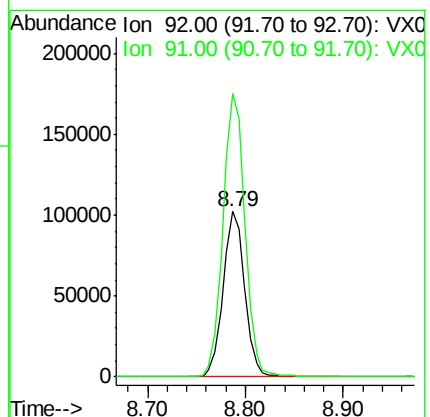
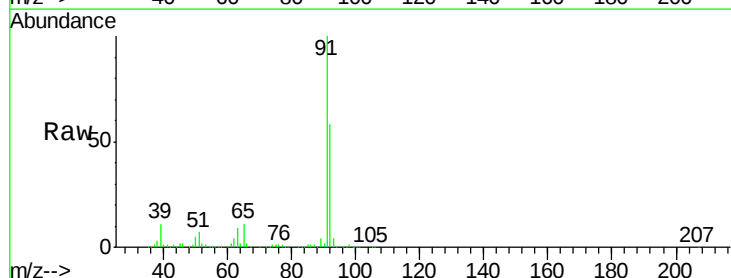
Acq: 29 Jun 2018 15:25

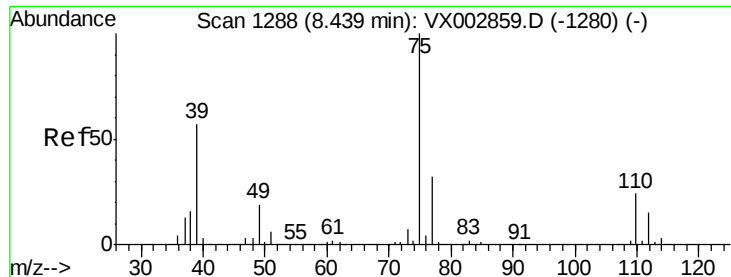
Tgt Ion: 92 Resp: 156711

Ion Ratio Lower Upper

92 100

91 174.5 140.4 210.6





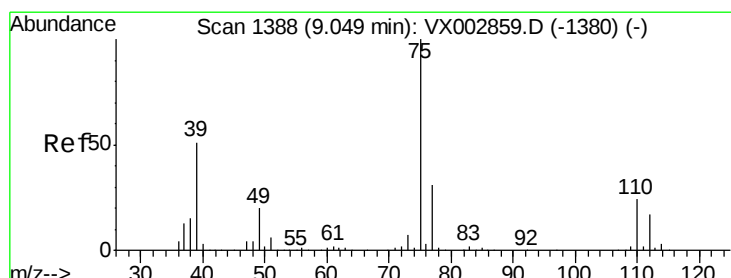
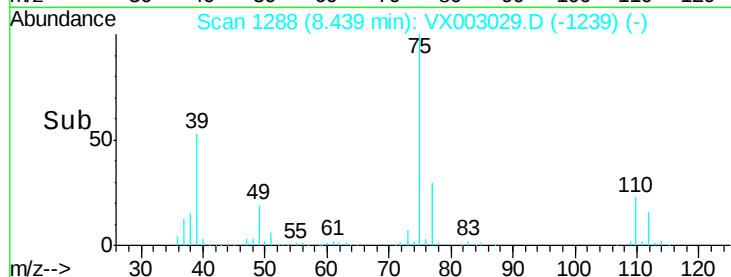
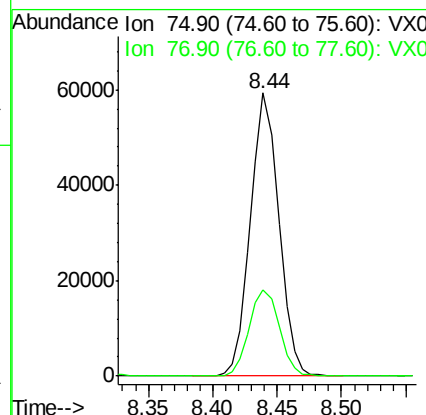
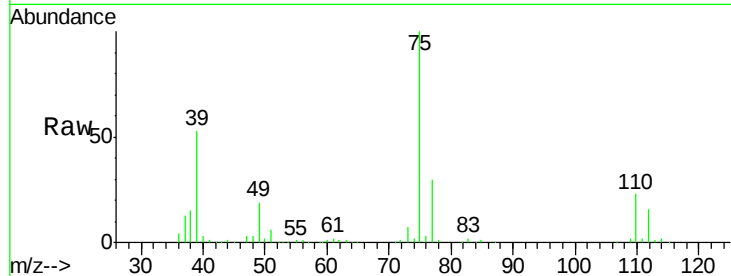
#53
t-1,3-Dichloropropene
Concen: 19.77 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion: 75 Resp: 90519
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

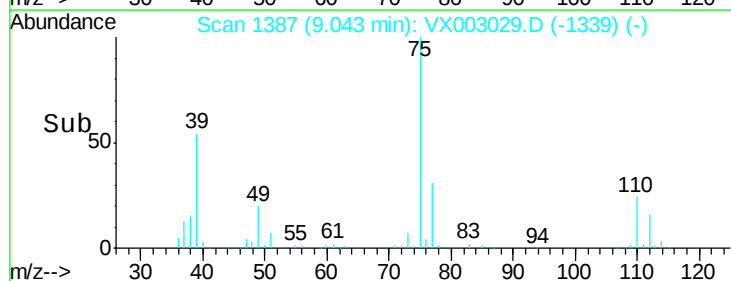
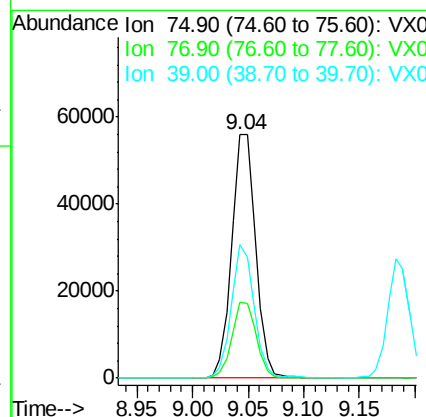
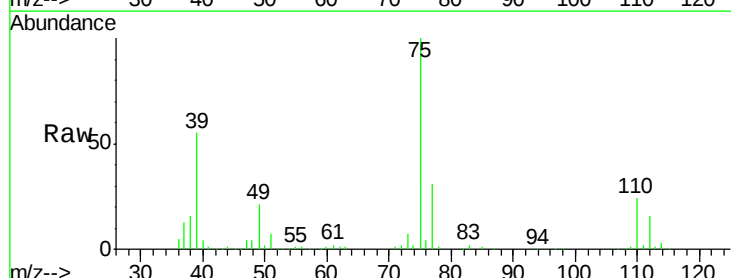
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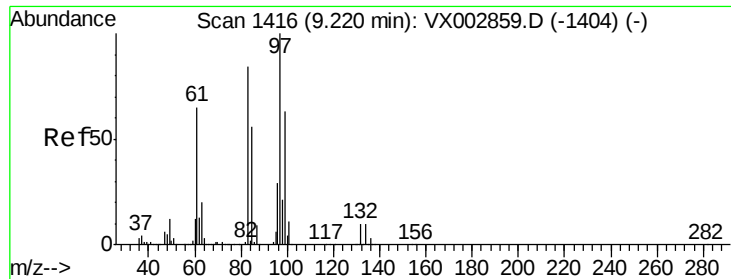
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#54
cis-1,3-Dichloropropene
Concen: 18.95 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 75 Resp: 83506
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 54.3 42.4 63.6





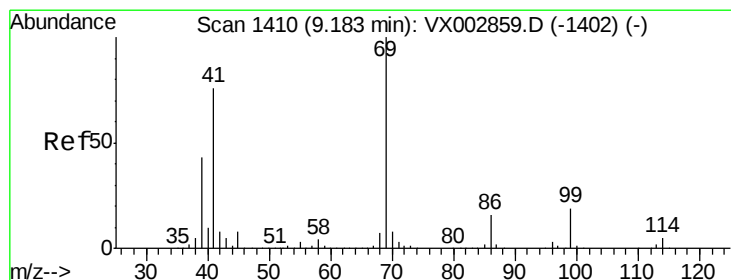
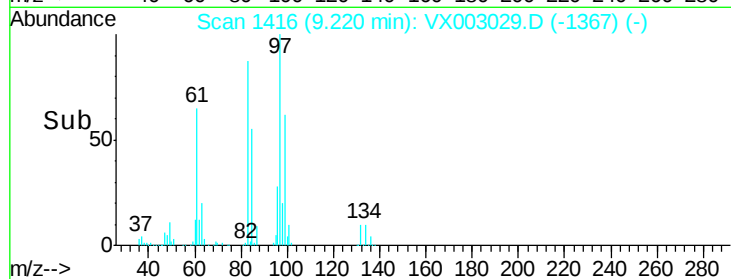
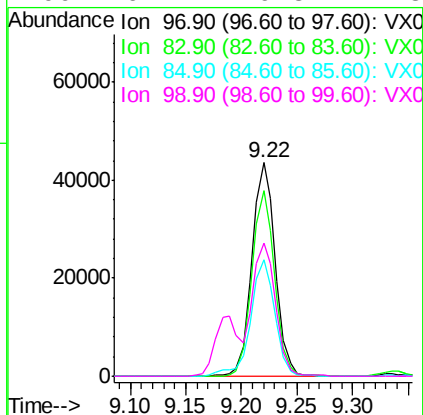
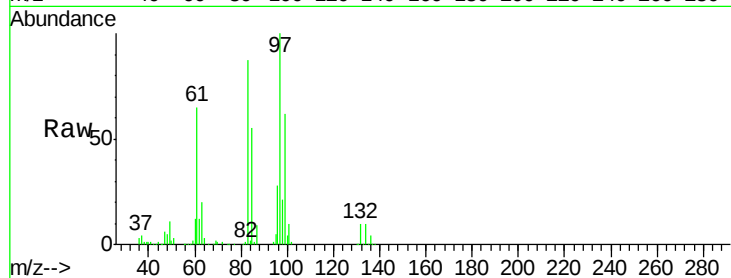
#55
 1,1,2-Trichloroethane
 Concen: 20.33 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	54.7	44.9	67.3
99	62.2	49.8	74.8

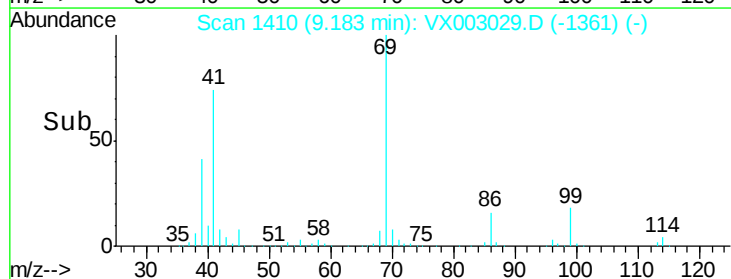
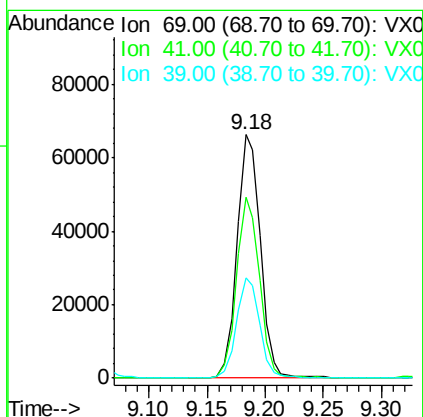
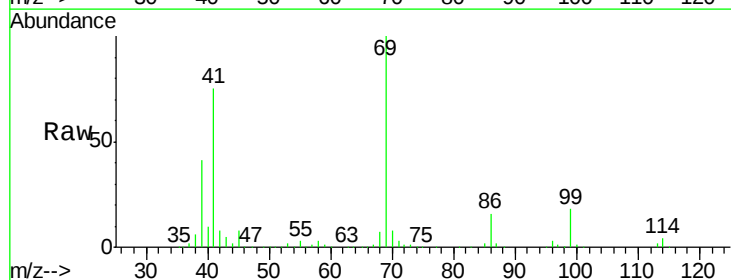
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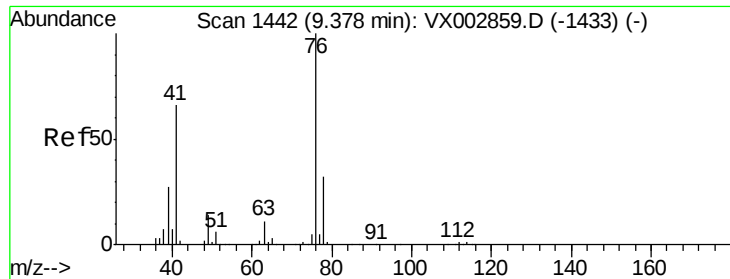
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#56
 Ethyl methacrylate
 Concen: 20.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	40.5	35.8	53.8





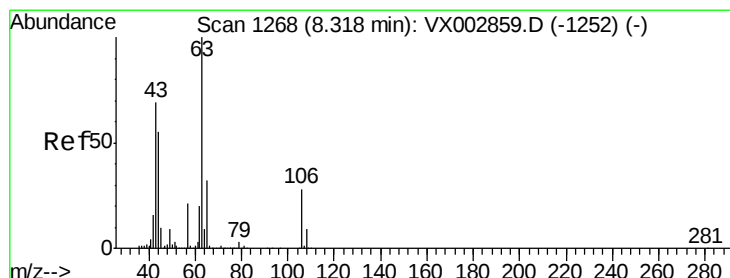
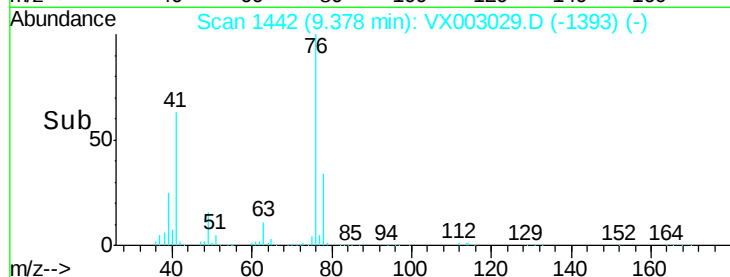
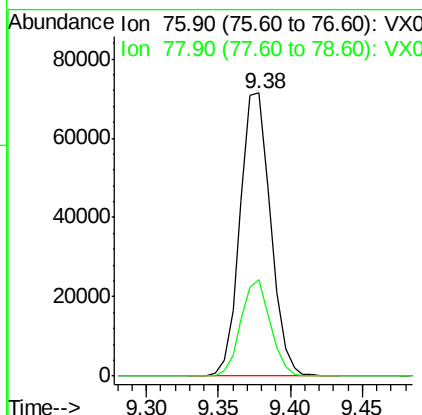
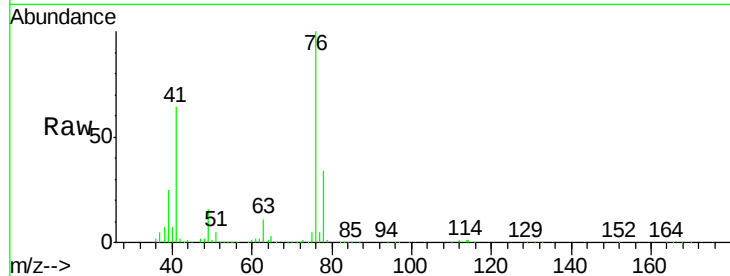
#57
 1,3-Dichloropropane
 Concen: 20.46 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.6

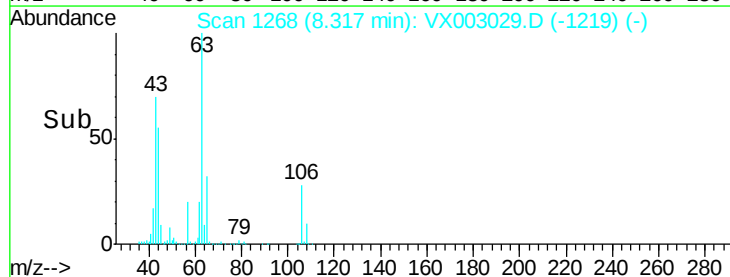
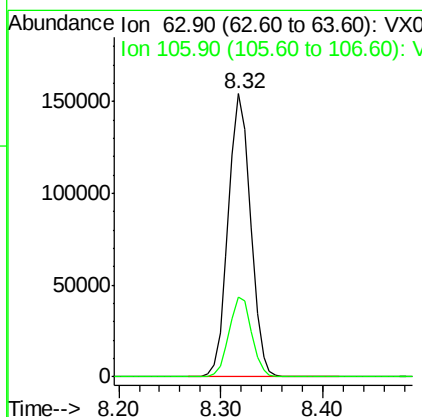
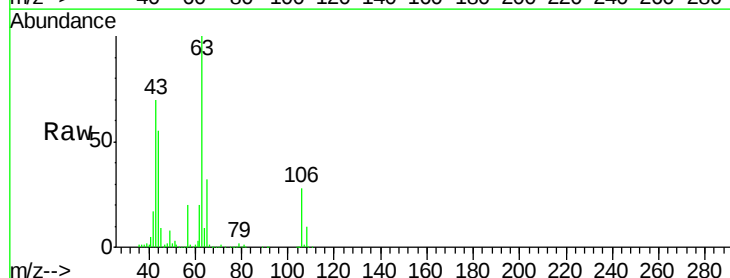
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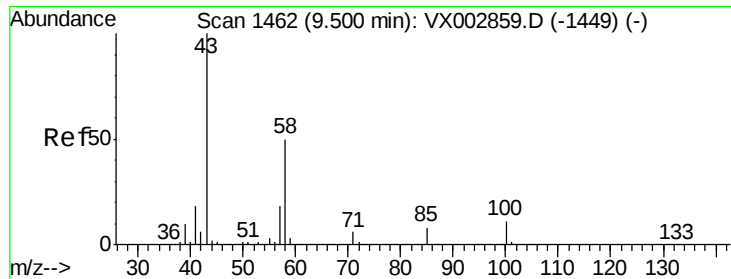
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.42 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.8	32.8





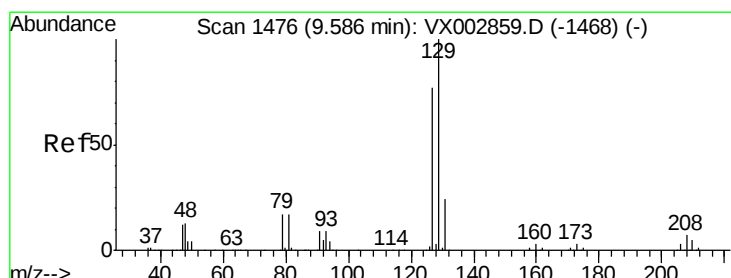
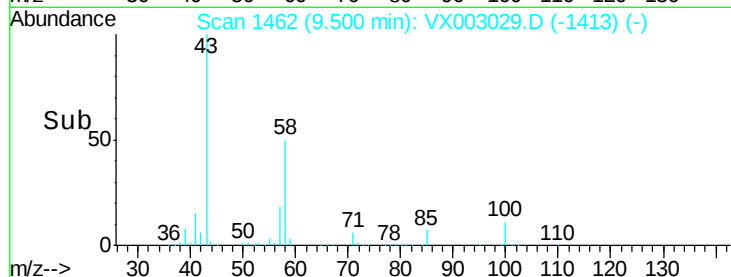
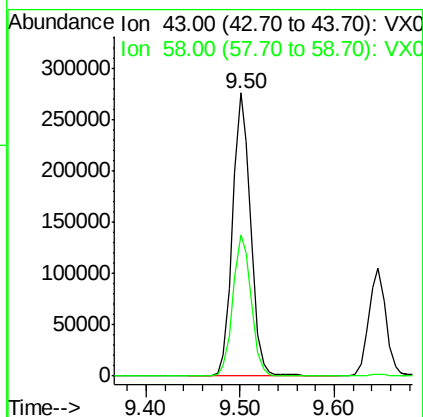
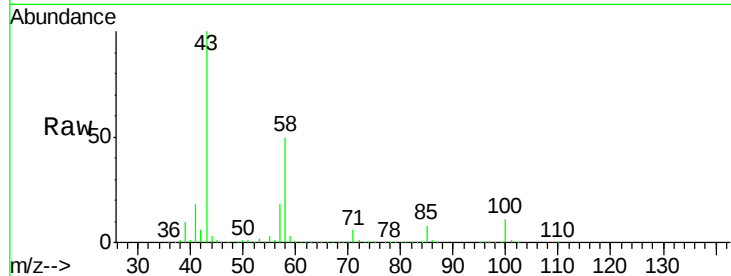
#59
2-Hexanone
Concen: 104.41 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion: 43 Resp: 366557
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6

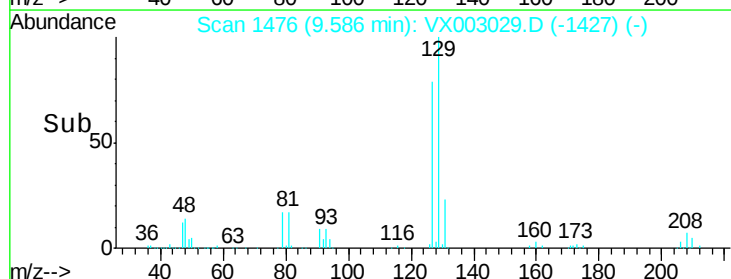
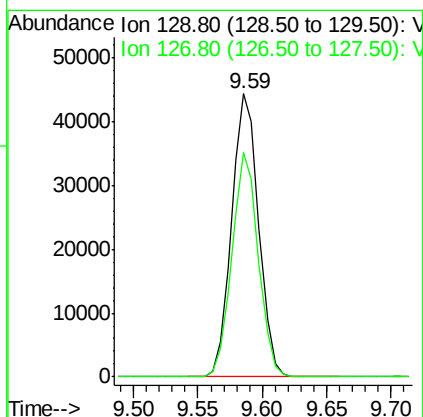
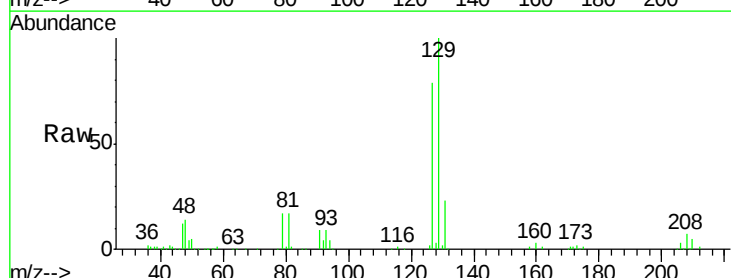
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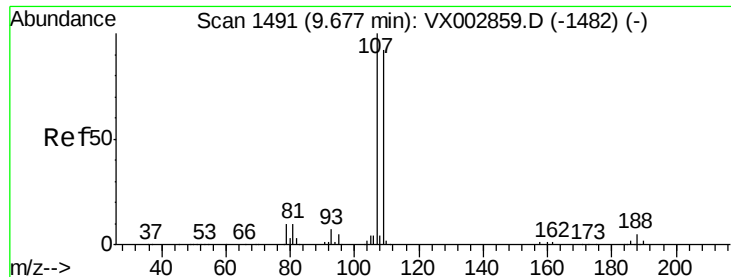
apatel
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#60
Dibromochloromethane
Concen: 19.65 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 129 Resp: 64677
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





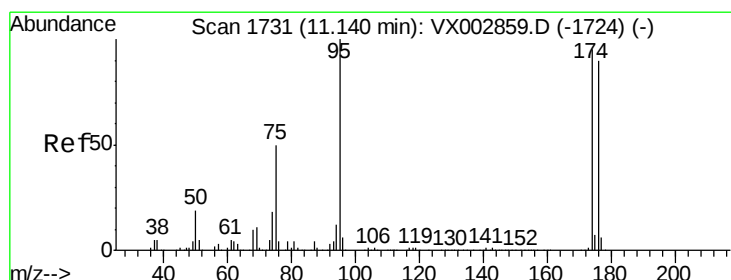
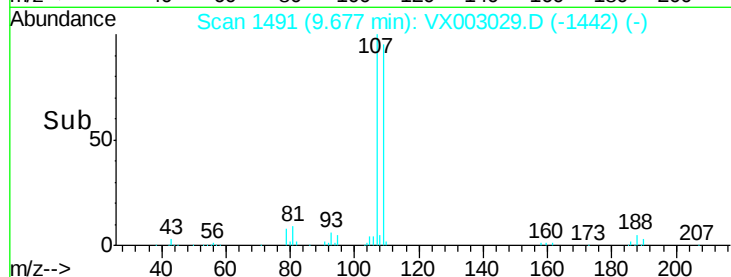
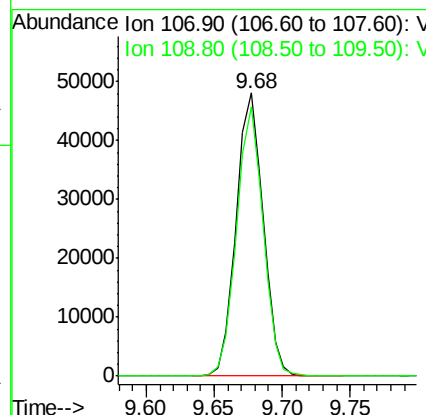
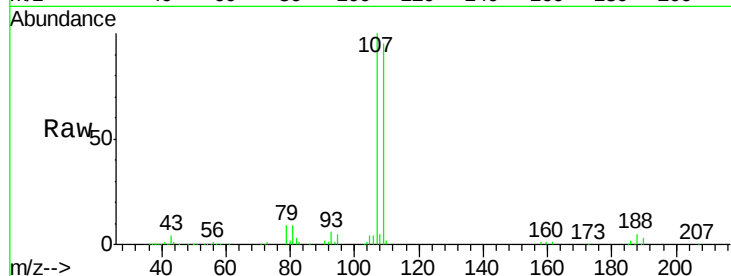
#61
 1,2-Dibromoethane
 Concen: 20.34 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBS01

Tot Ion: 107 Resp: 66734
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.3 112.9

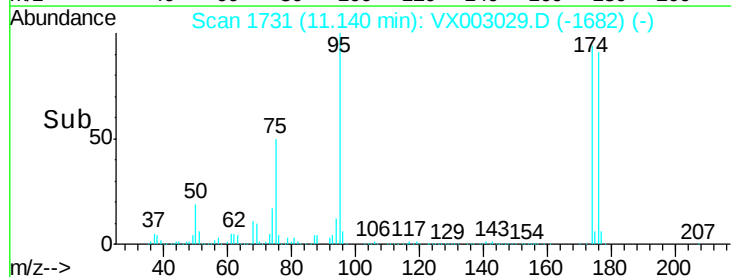
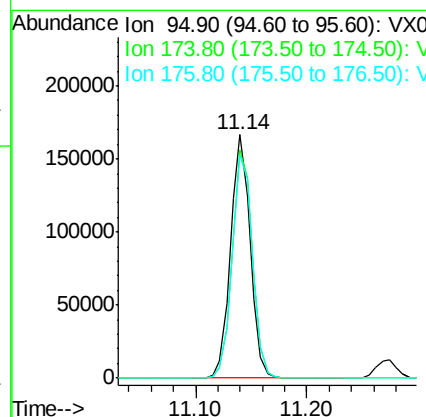
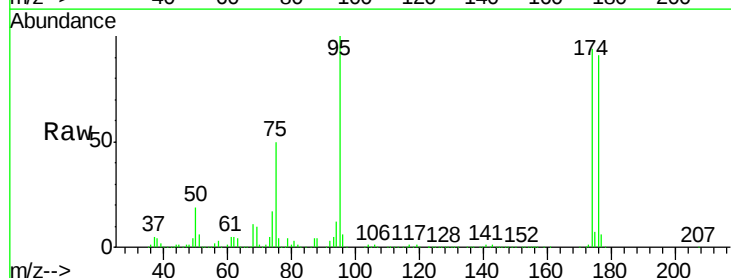
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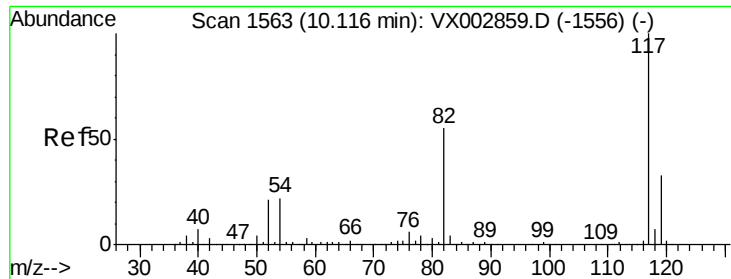
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.53 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion: 95 Resp: 201798
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 187.4
 176 94.9 0.0 181.0





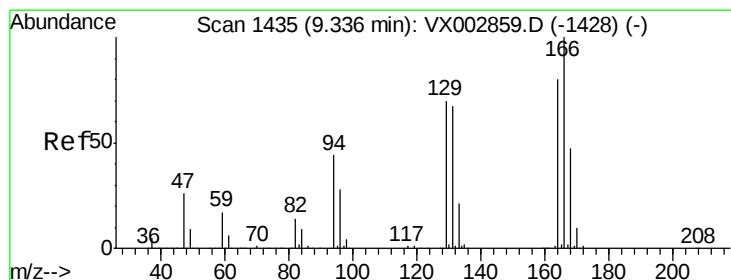
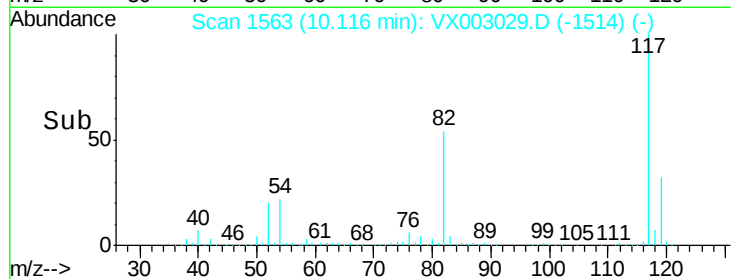
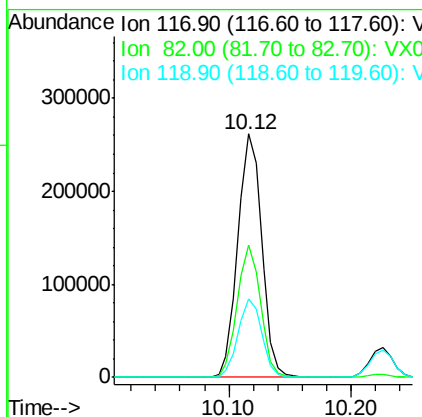
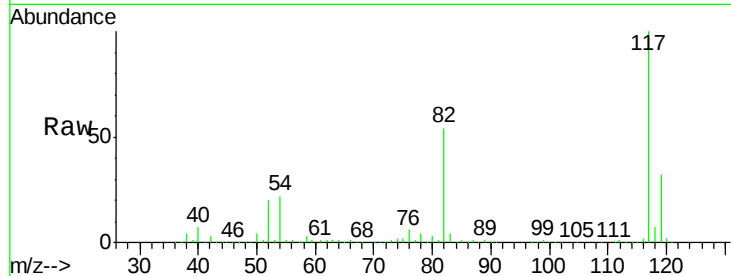
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.2	25.8	38.6

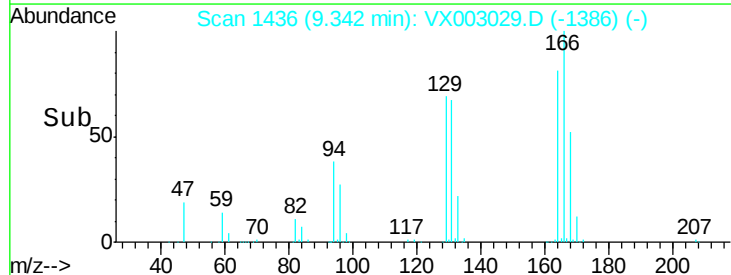
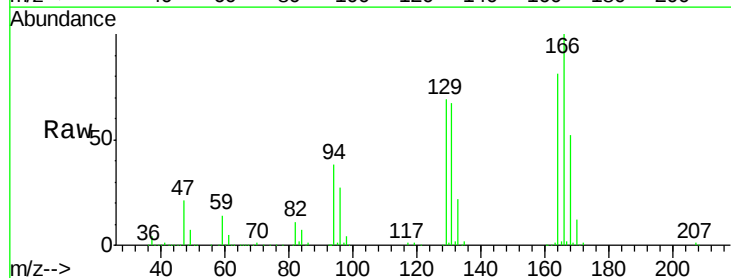
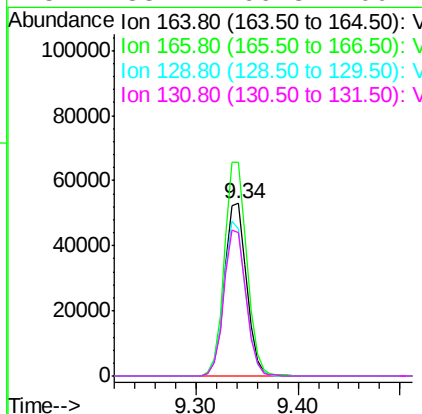
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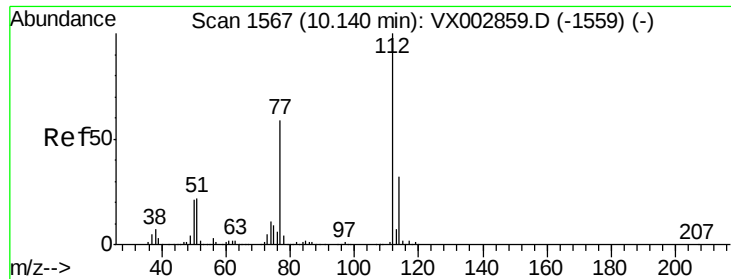
apatel
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#64
Tetrachloroethene
Concen: 20.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.9	154.3
129	85.2	68.6	102.8
131	83.4	66.8	100.2





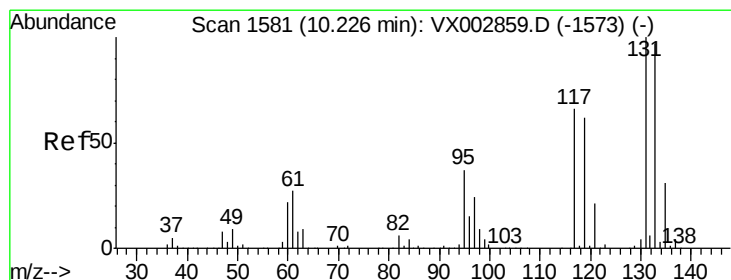
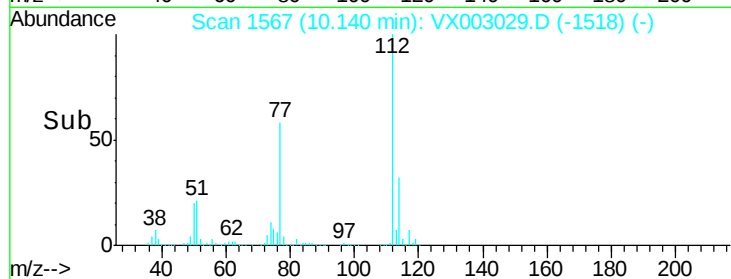
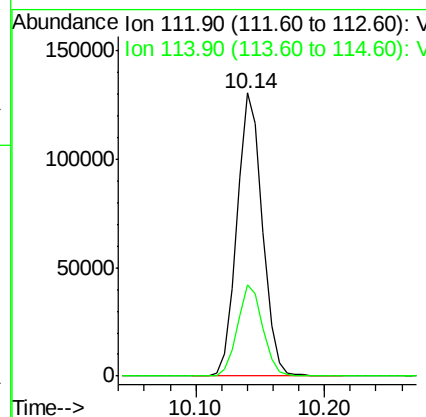
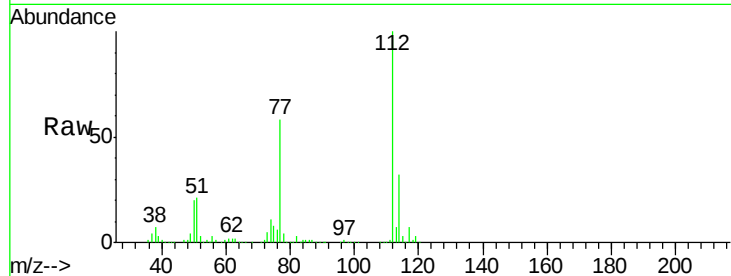
#65
Chlorobenzene
Concen: 20.02 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.3	37.9

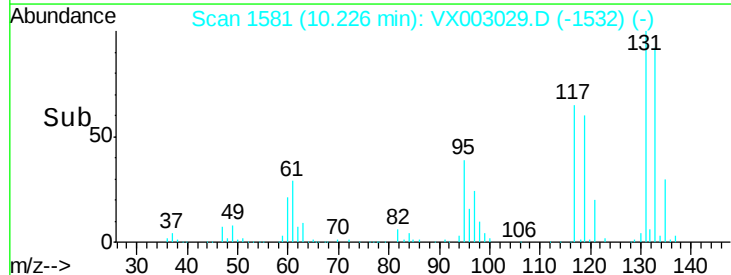
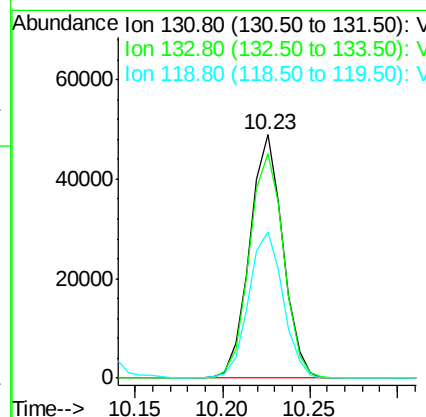
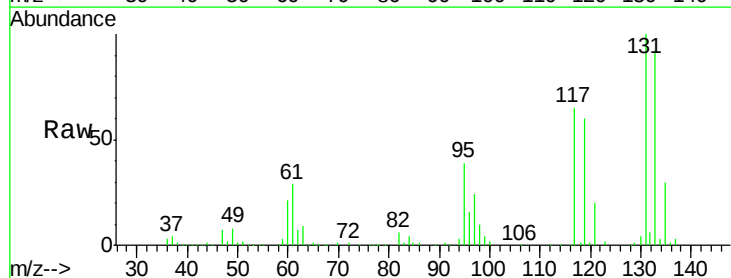
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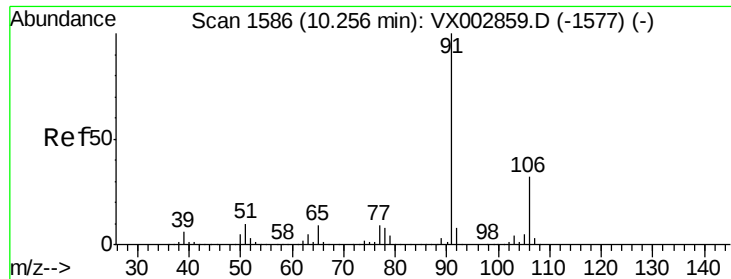
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.9	143.6
119	62.4	31.8	95.3





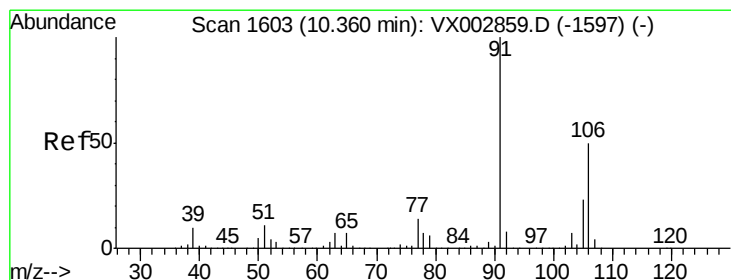
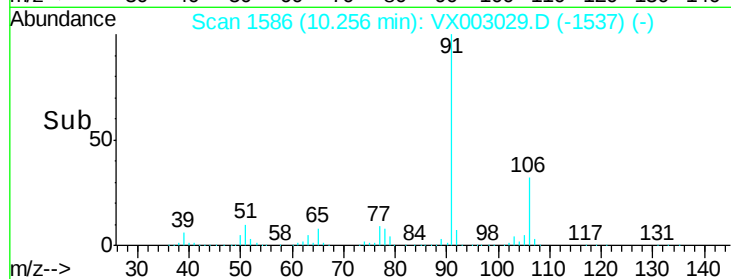
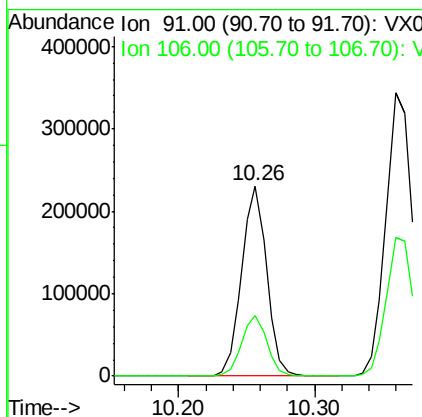
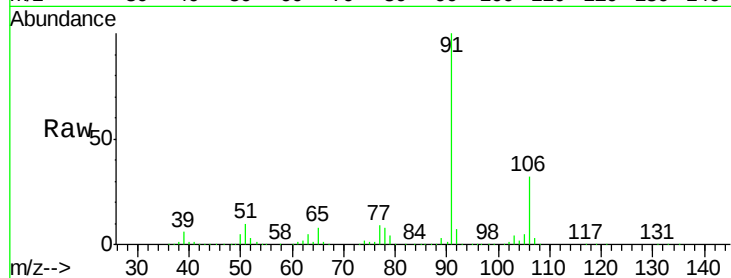
#67
Ethyl Benzene
Concen: 19.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion: 91 Resp: 296949
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

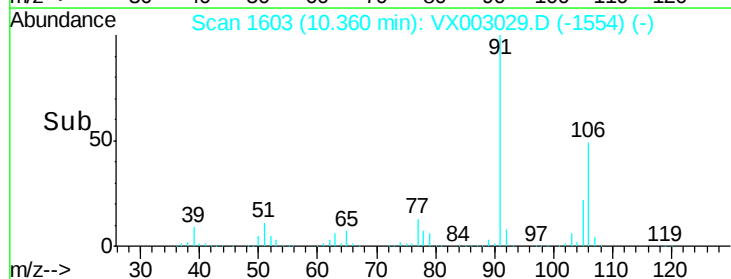
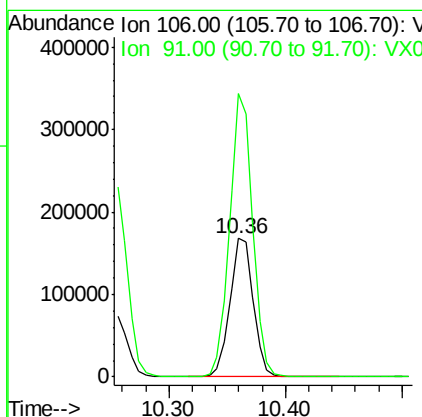
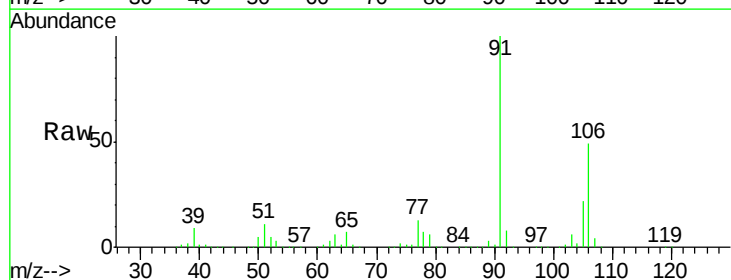
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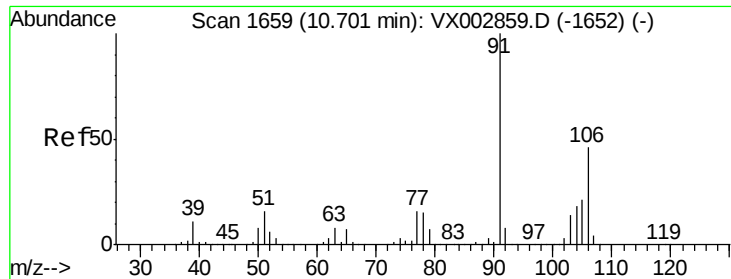
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#68
m/p-Xylenes
Concen: 40.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion: 106 Resp: 234293
Ion Ratio Lower Upper
106 100
91 200.8 163.4 245.2





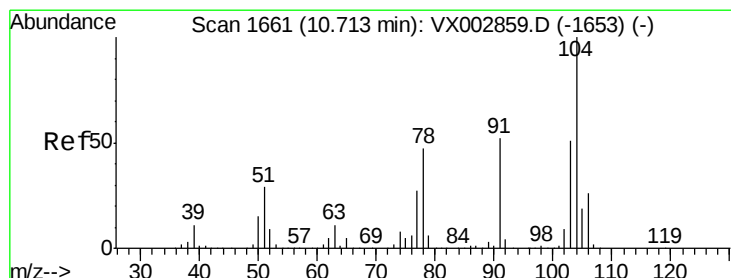
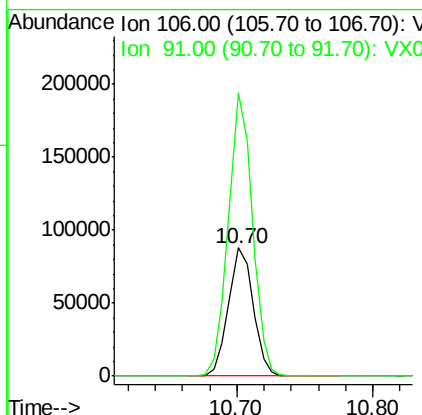
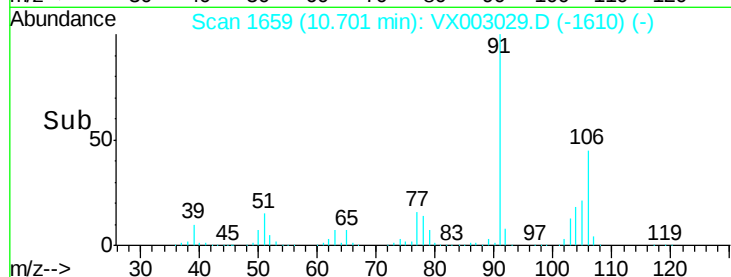
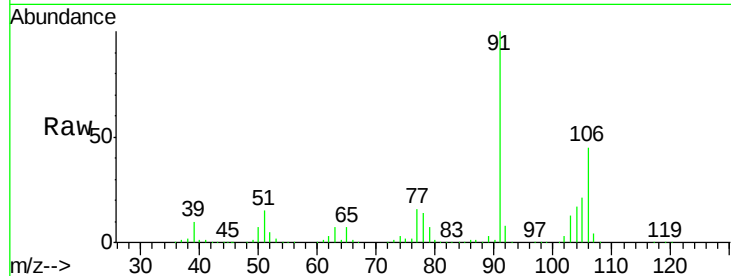
#69
o-Xylene
Concen: 20.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion:106 Resp: 112132
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6

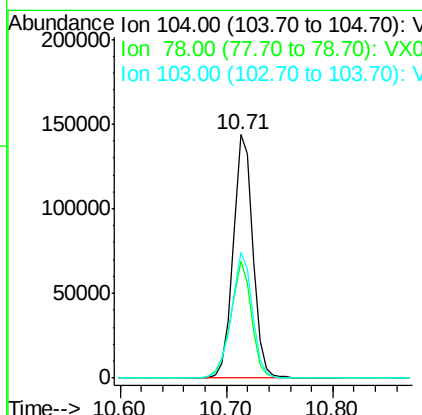
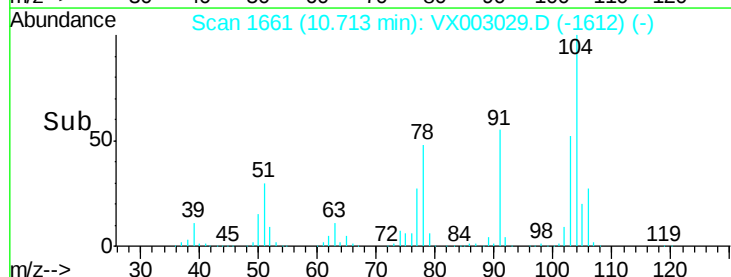
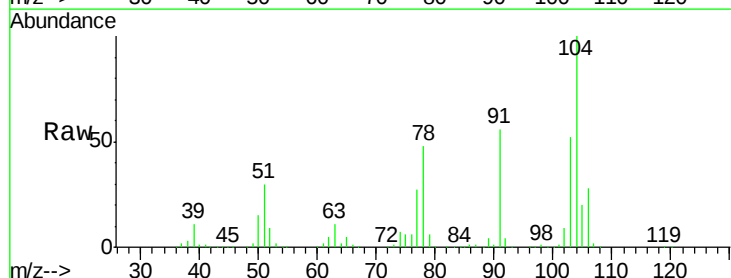
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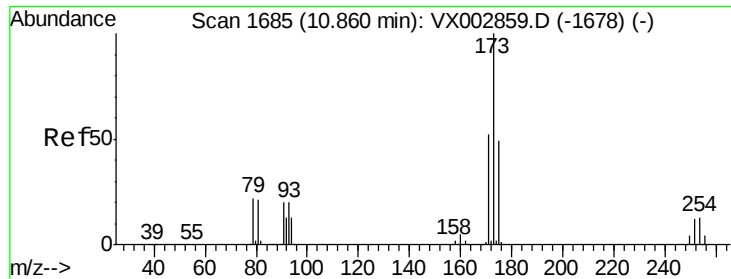
apatel
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#70
Styrene
Concen: 20.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion:104 Resp: 187510
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 54.8 44.2 66.4





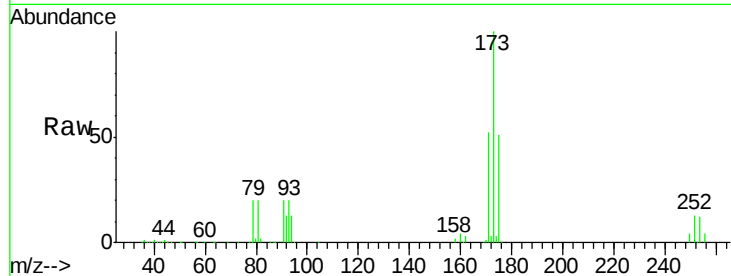
#71
Bromoform
Concen: 19.25 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

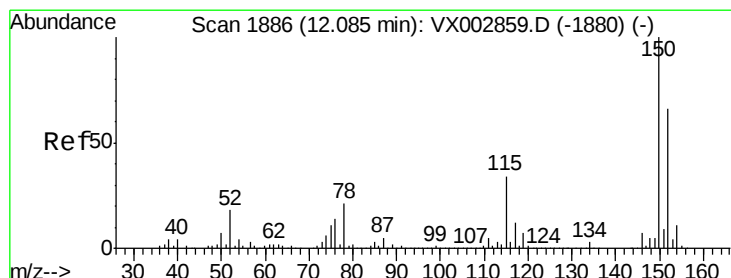
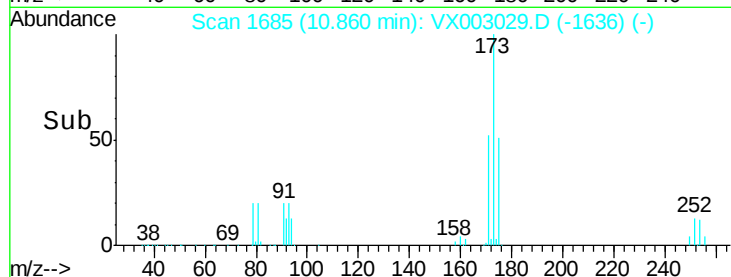
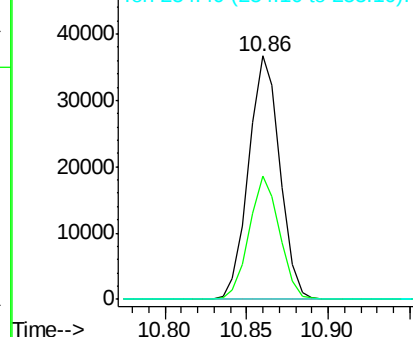
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.1	0.2	0.2

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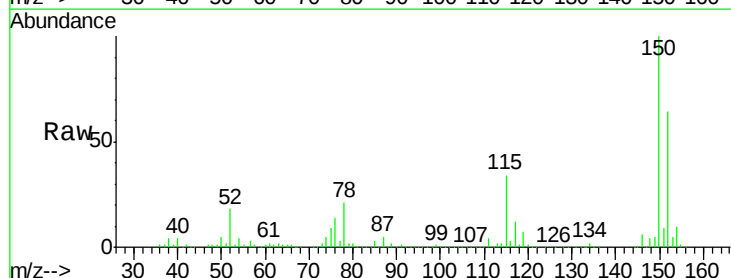


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

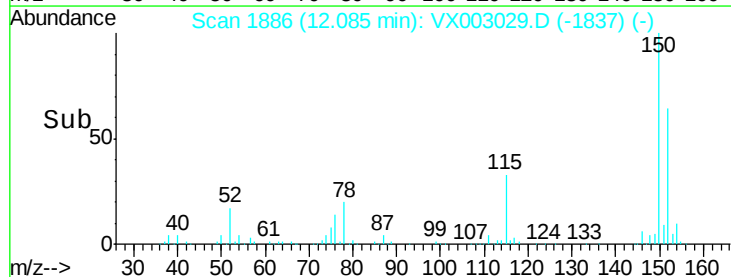
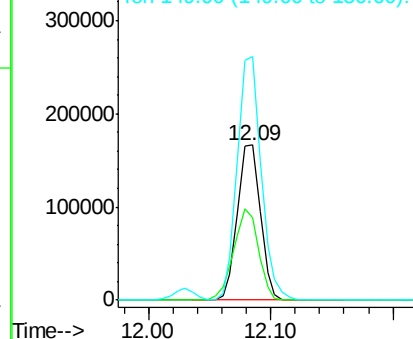


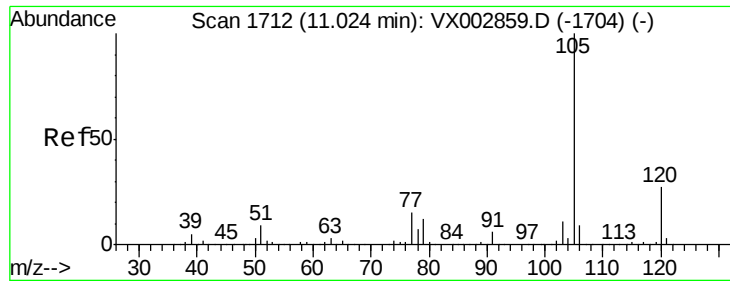
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	40.1	120.2
150	163.2	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion: 105 Resp: 302585

Ion Ratio Lower Upper

105 100

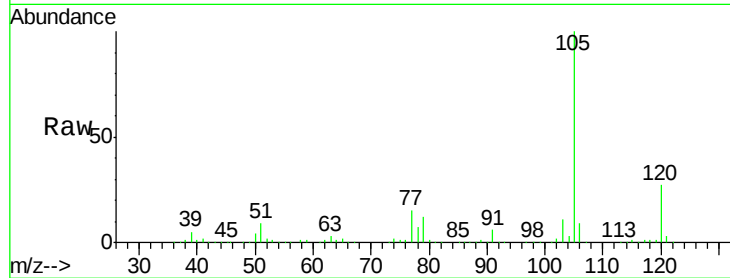
120 27.0 13.5 40.4

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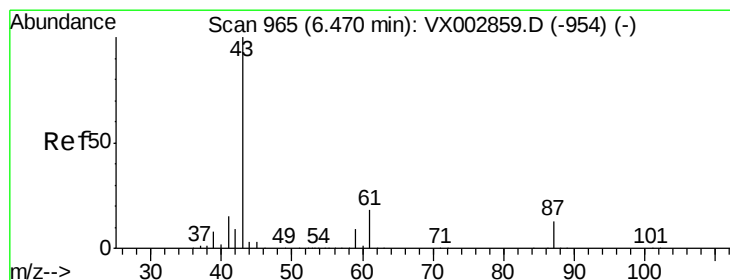
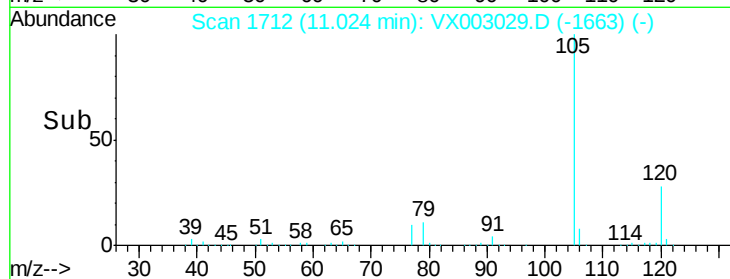
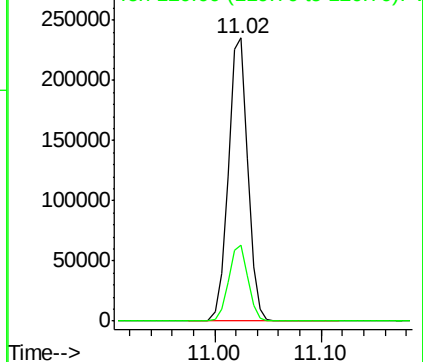
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion: 43 Resp: 145691

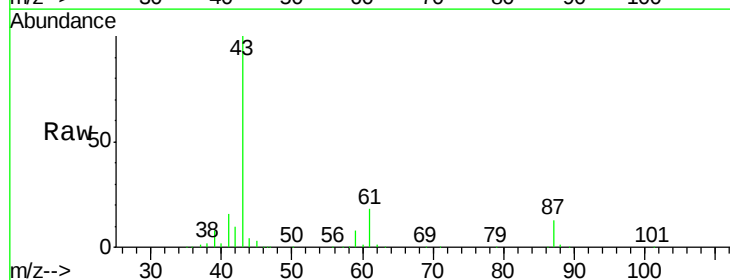
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.6 14.4 21.6

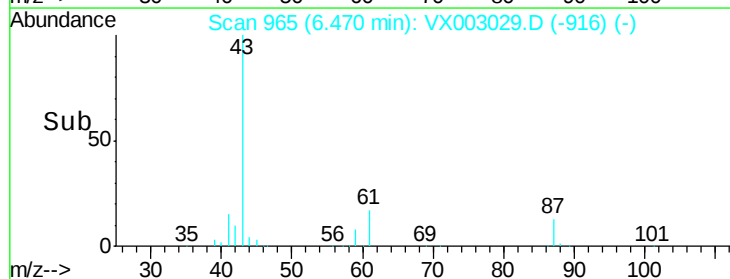
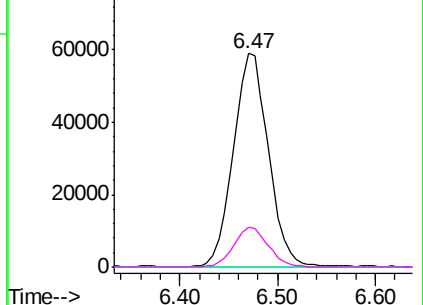


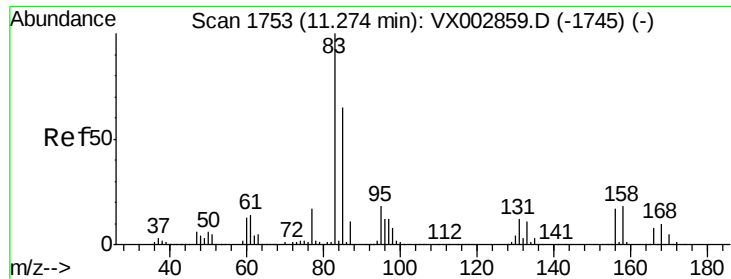
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.26 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

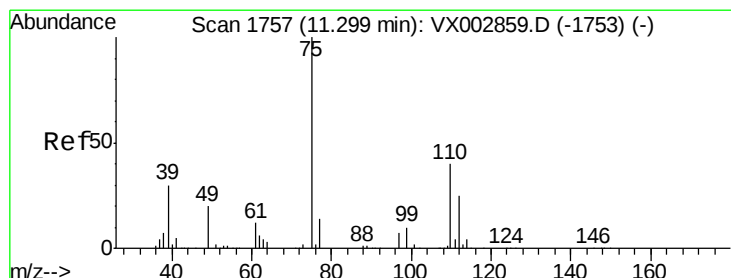
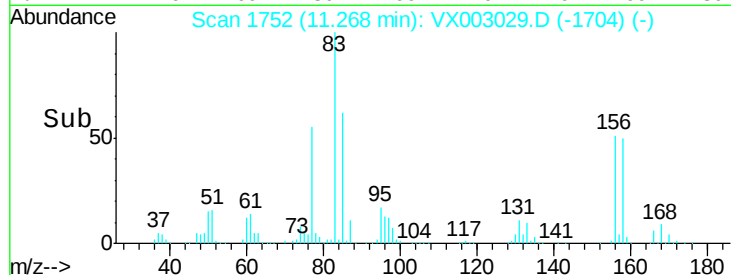
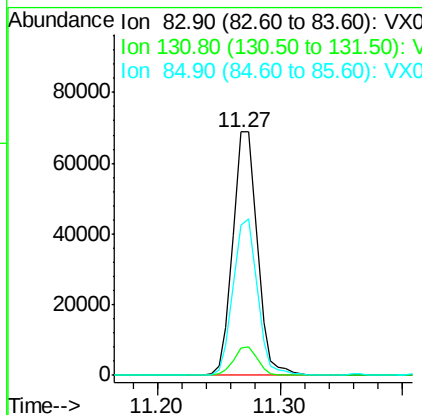
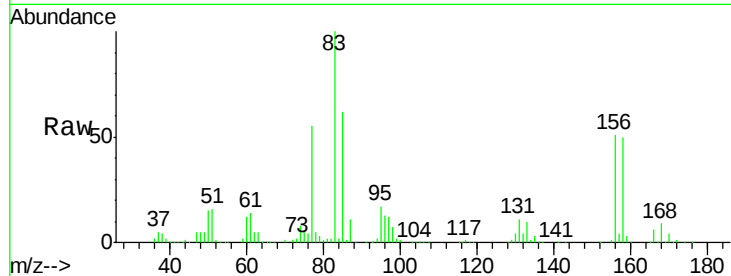
ClientSampled :

VX0629WBS01

Tot Ion:	83	Resp:	94968
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.6	16.8
85	63.8	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.26 ug/l m

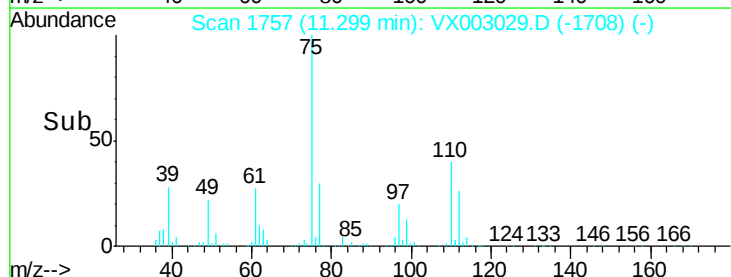
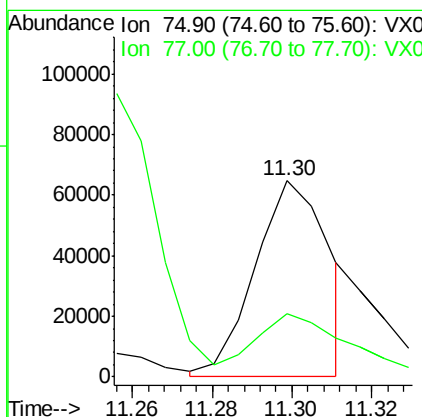
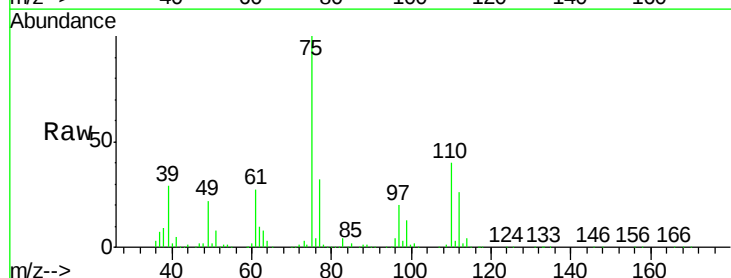
RT: 11.30 min Scan# 1757

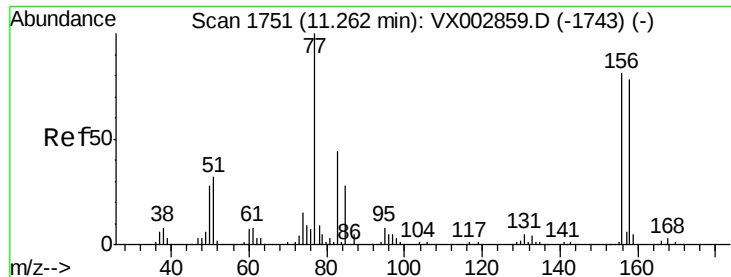
Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	75	Resp:	82996
Ion Ratio	Lower	Upper	
75	100		
77	41.2	22.8	68.3





#77

Bromobenzene

Concen: 20.59 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

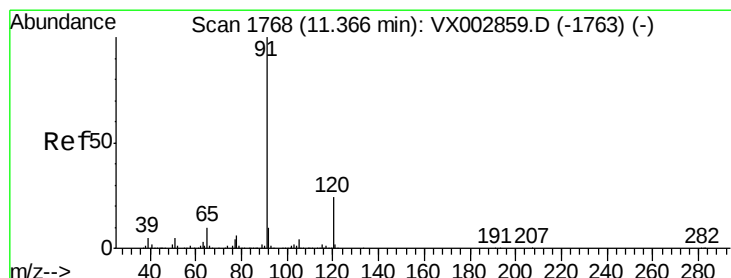
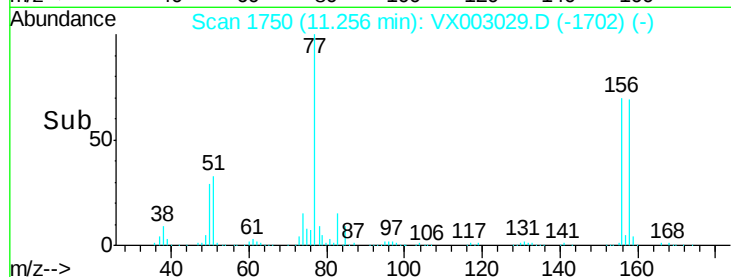
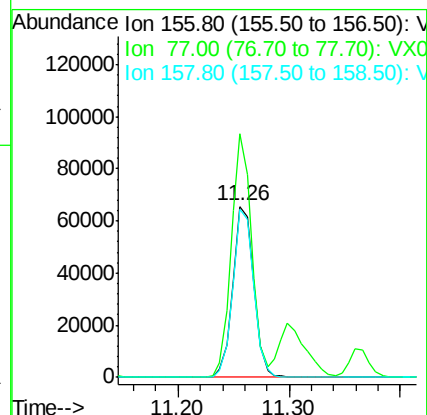
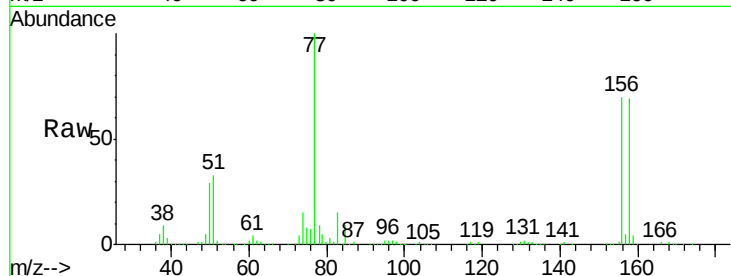
ClientSampled :

VX0629WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.5	71.4	214.2
158	97.7	48.9	146.6

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#78

n-propylbenzene

Concen: 20.41 ug/l

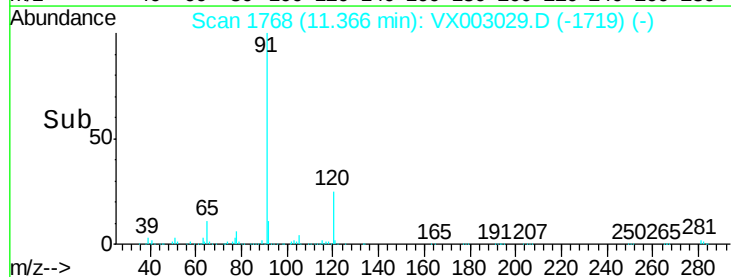
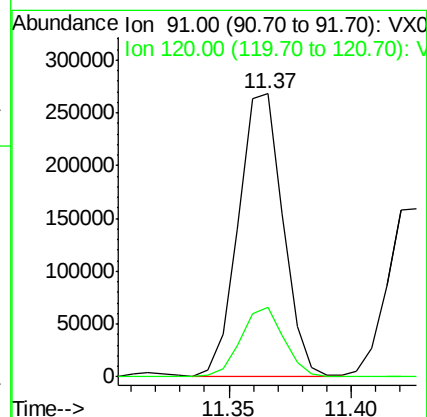
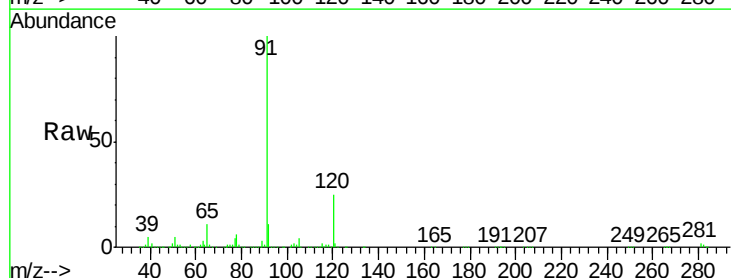
RT: 11.37 min Scan# 1768

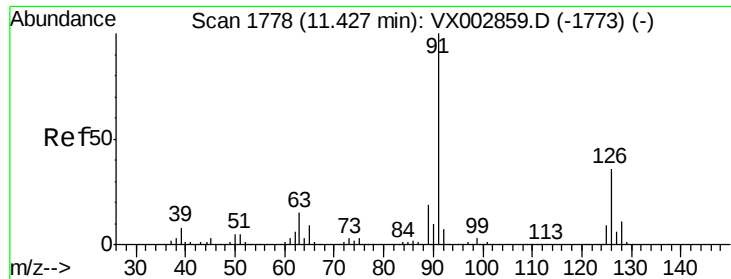
Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 20.70 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion: 91 Resp: 206894

Ion Ratio Lower Upper

91 100

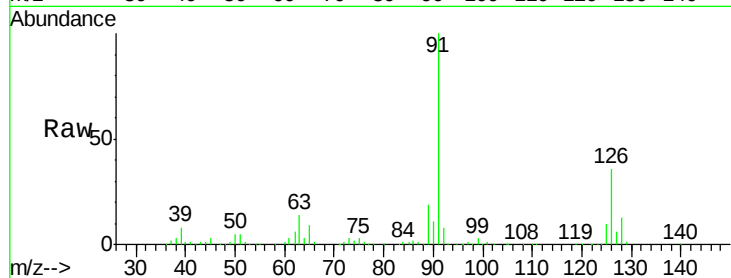
126 35.5 17.7 53.1

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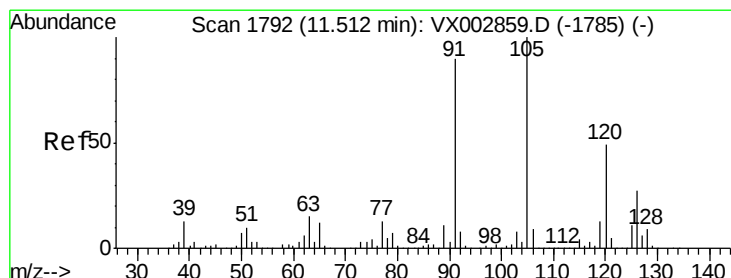
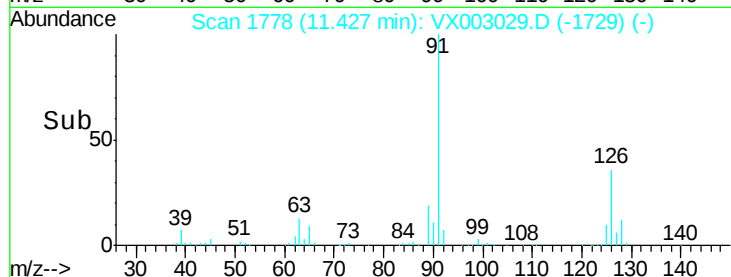
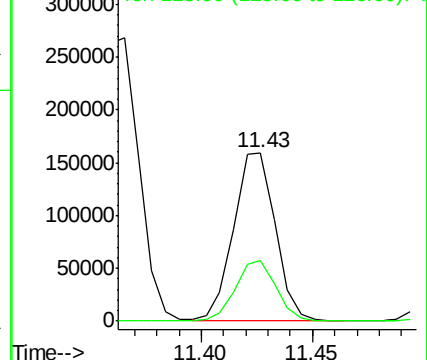
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003029.D

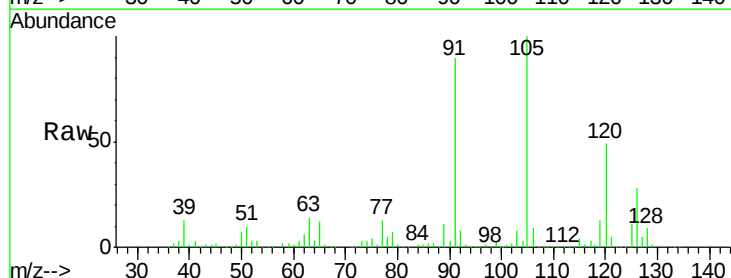
Acq: 29 Jun 2018 15:25

Tgt Ion:105 Resp: 250263

Ion Ratio Lower Upper

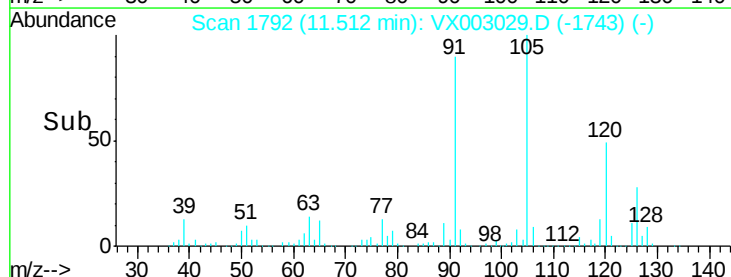
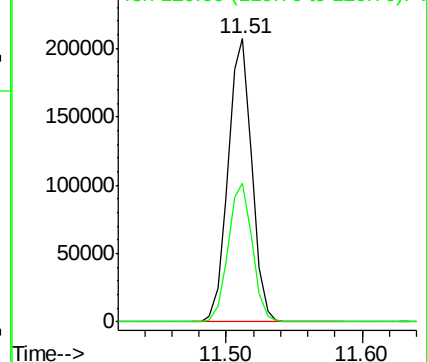
105 100

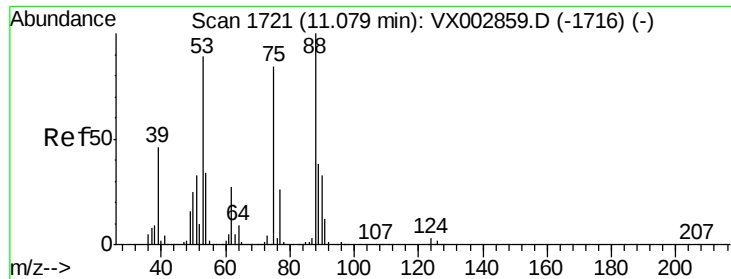
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





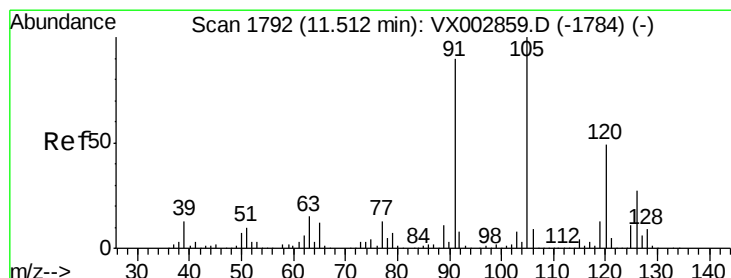
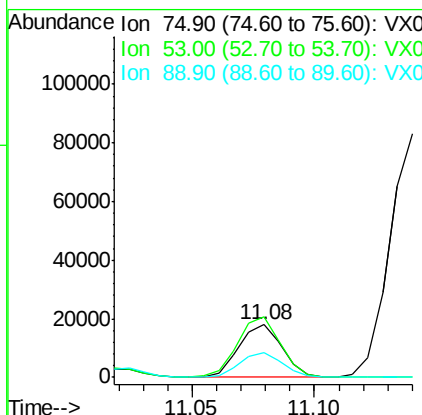
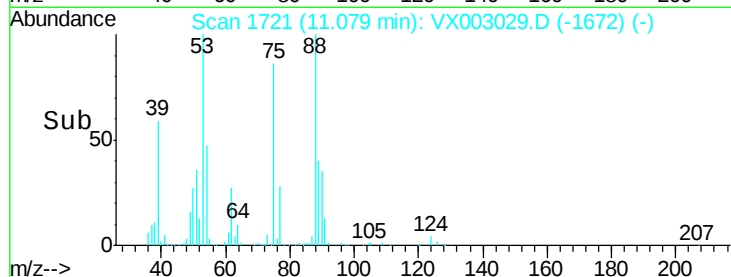
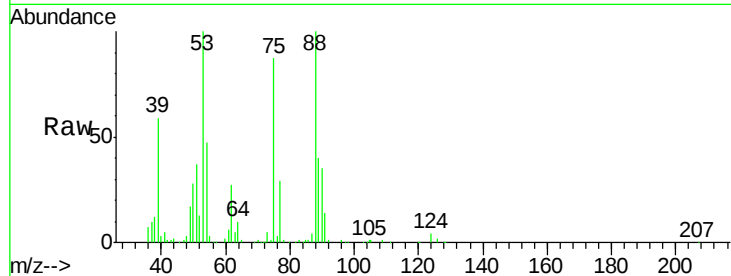
#81
trans-1,4-Dichloro-2-butene
Concen: 18.56 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.1	86.8	130.2
89	47.1	38.2	57.2

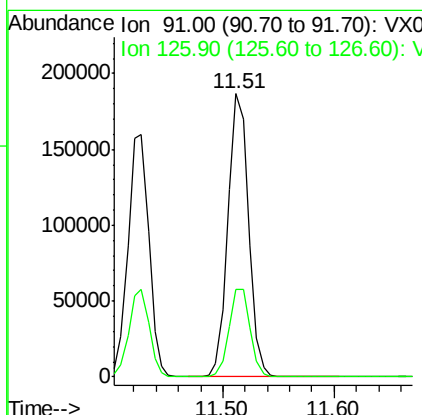
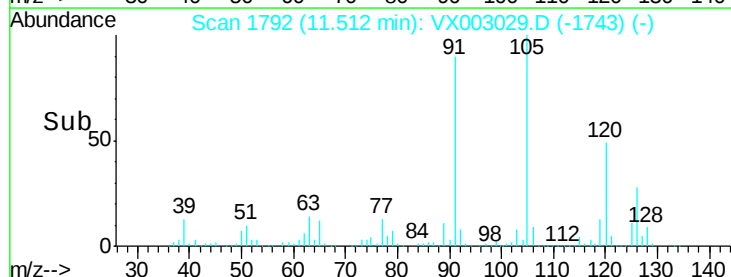
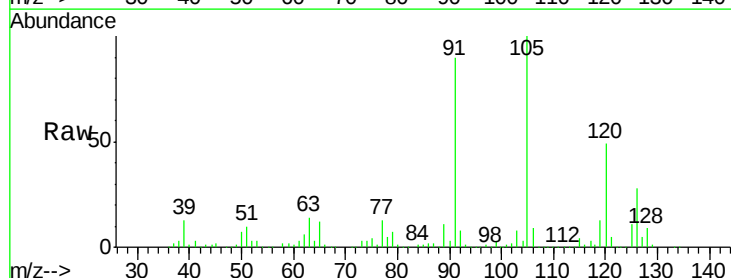
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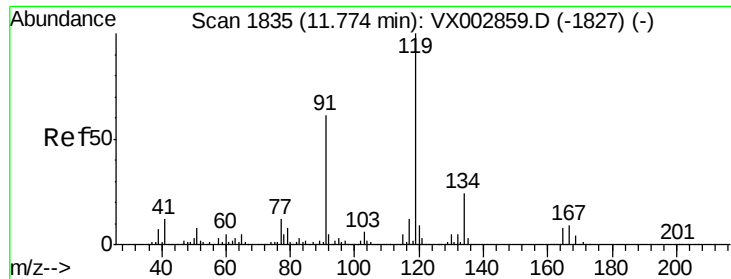
apatel
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#82
4-Chlorotoluene
Concen: 20.26 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.4	46.4





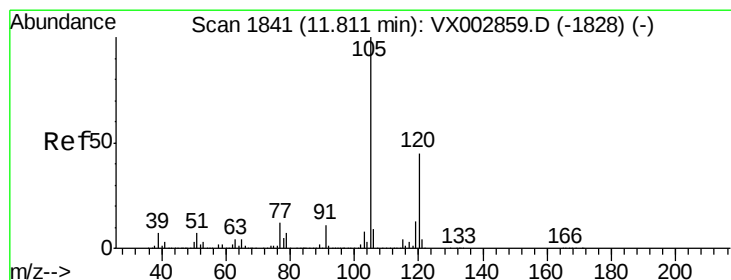
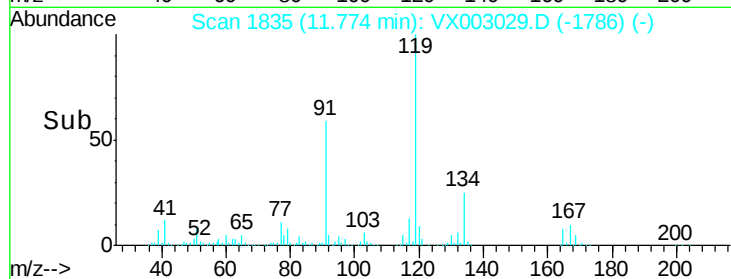
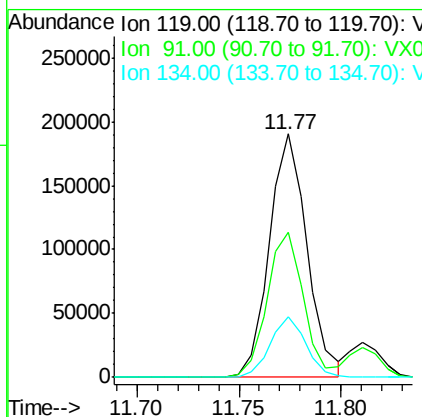
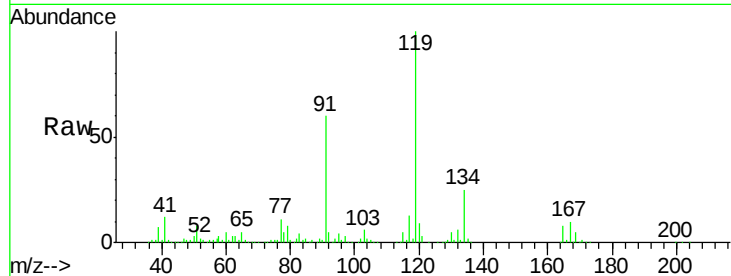
#83
 tert-Butylbenzene
 Concen: 20.36 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	245116		
91	58.2		30.3	90.9
134	23.7		11.7	35.1

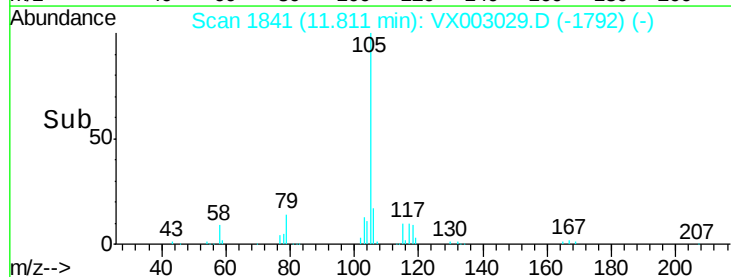
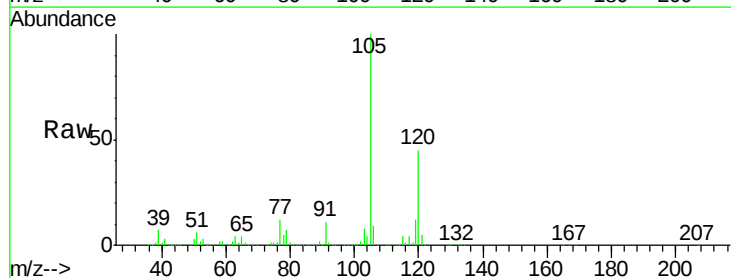
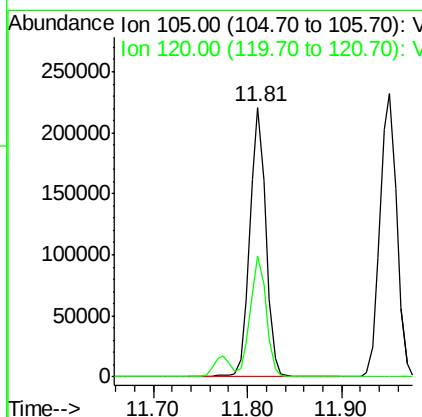
Manual Integrations
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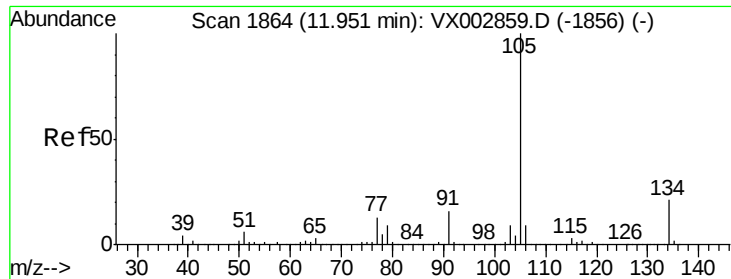
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.56 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260135		
120	44.8		22.3	66.8





#85

sec-Butylbenzene

Concen: 19.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion:105 Resp: 287374

Ion Ratio Lower Upper

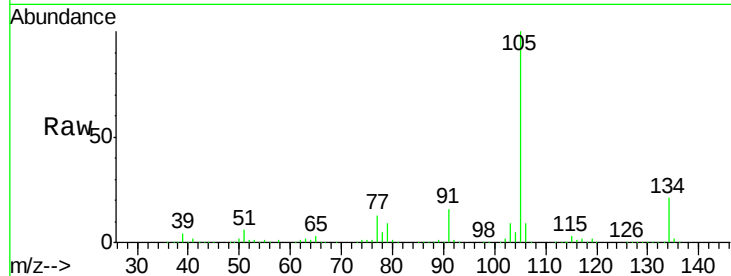
105 100

134 21.1 10.4 31.1

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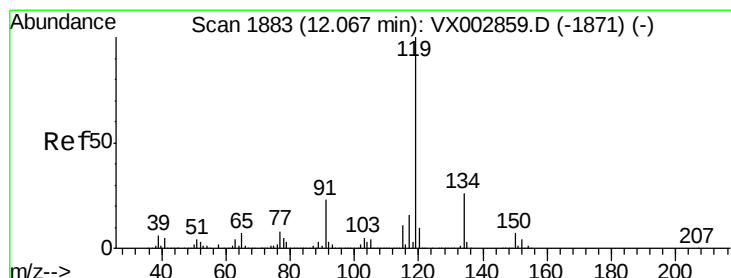
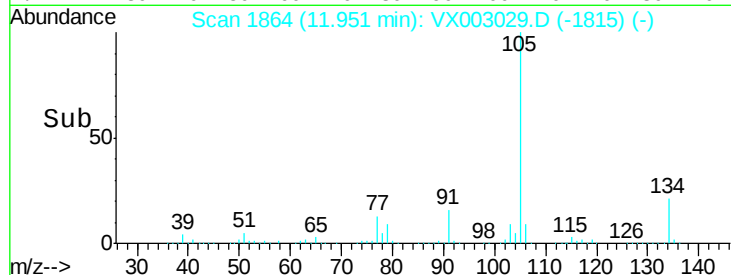
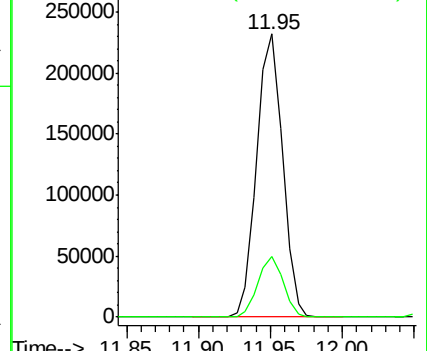
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.78 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

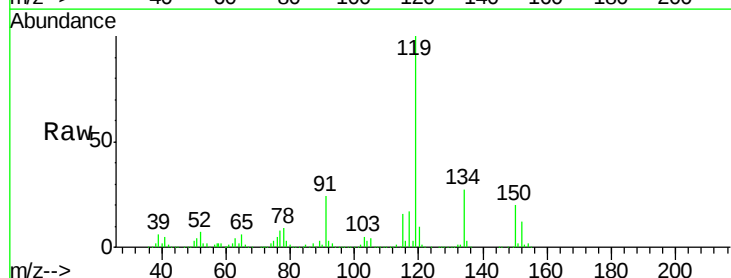
Tgt Ion:119 Resp: 259653

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

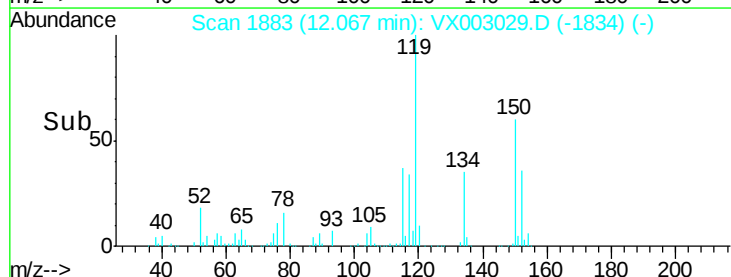
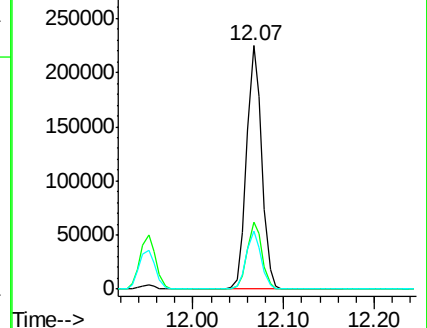
91 23.6 11.9 35.7

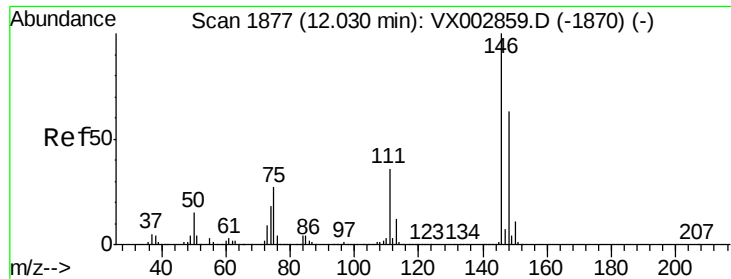


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





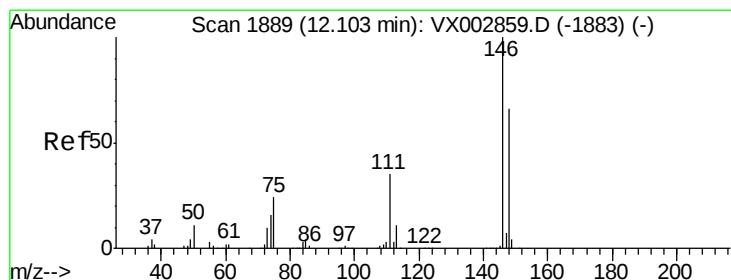
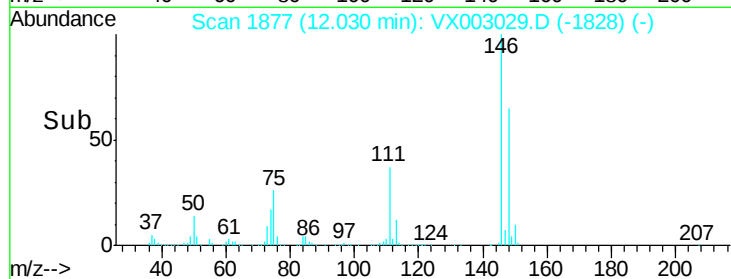
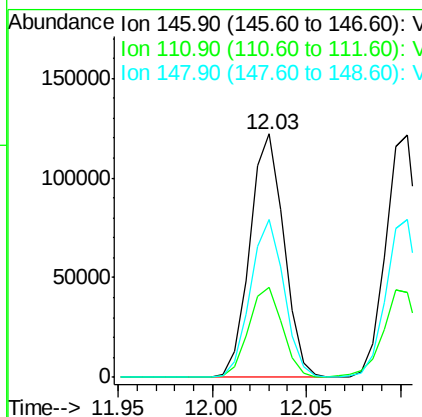
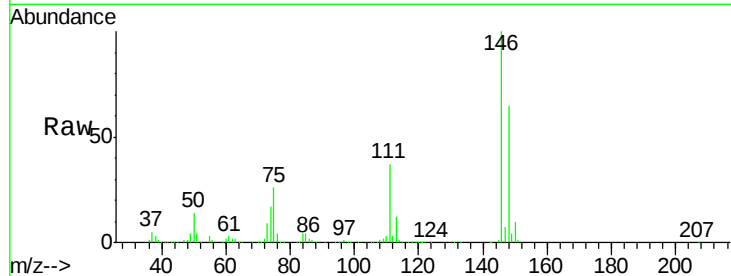
#87
 1,3-Dichlorobenzene
 Concen: 20.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.3	32.1	96.3

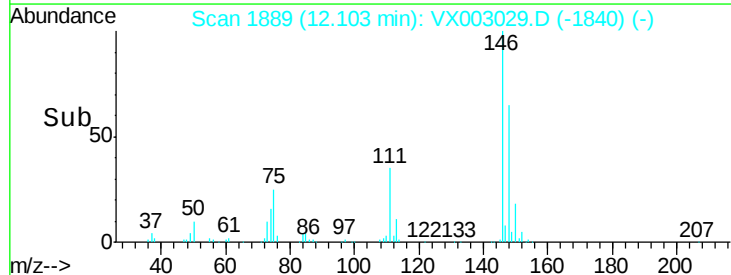
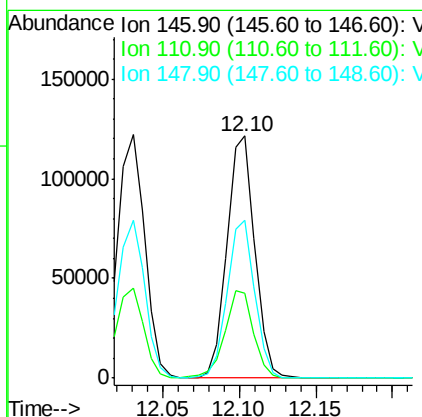
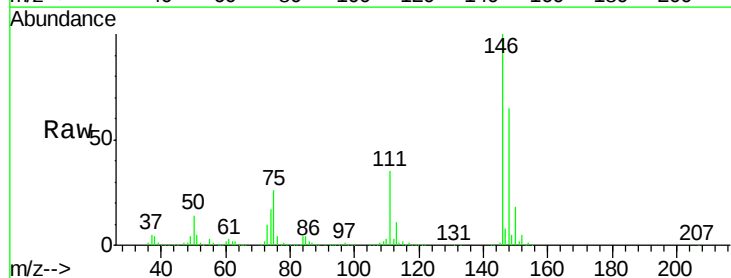
Manual Integrations
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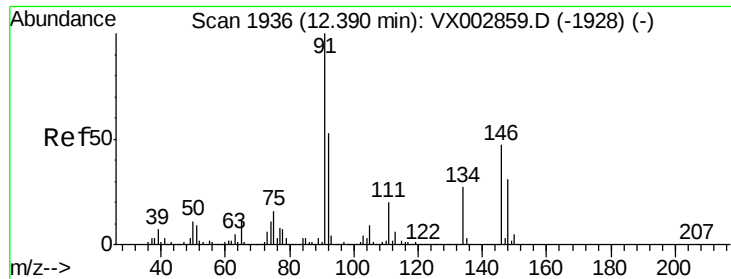
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	64.8	32.4	97.0





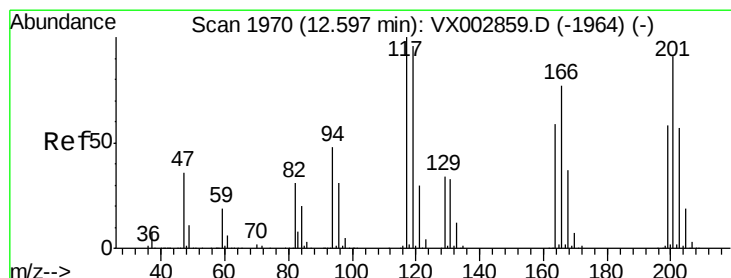
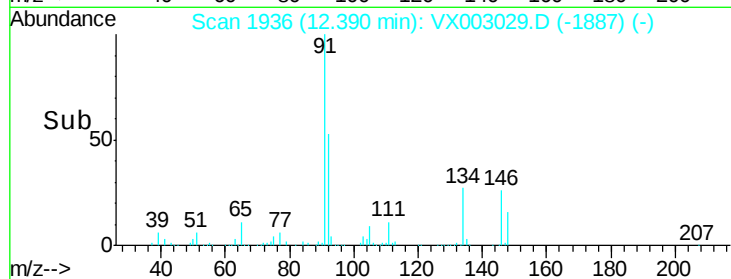
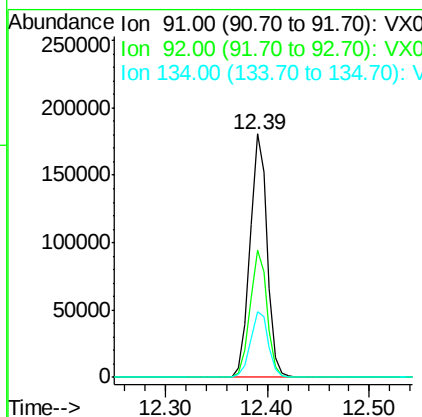
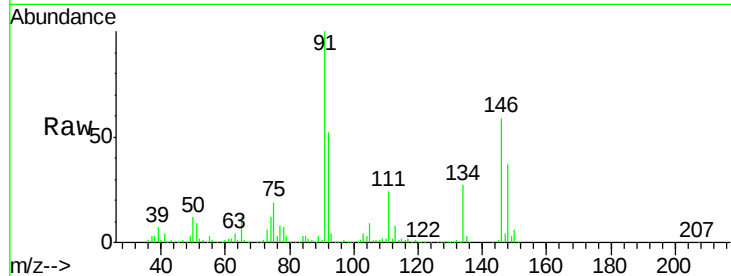
#89
n-Butylbenzene
Concen: 18.60 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	28.0	13.5	40.5

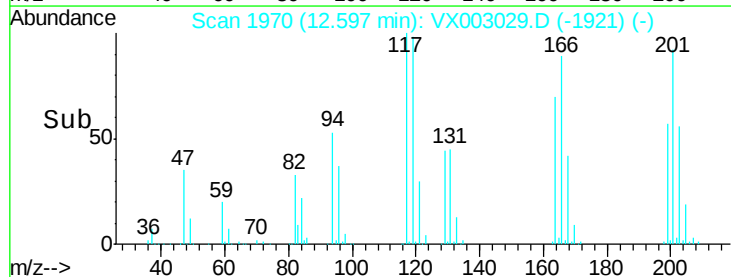
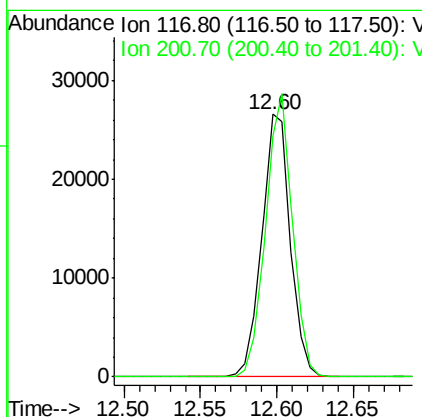
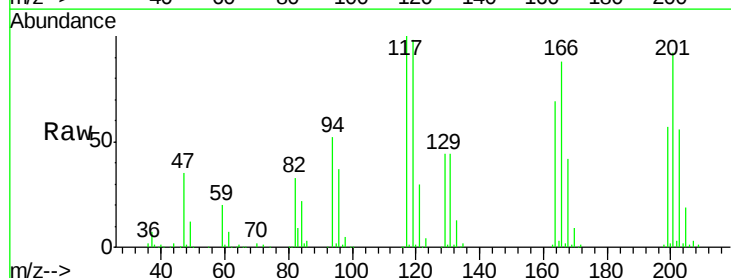
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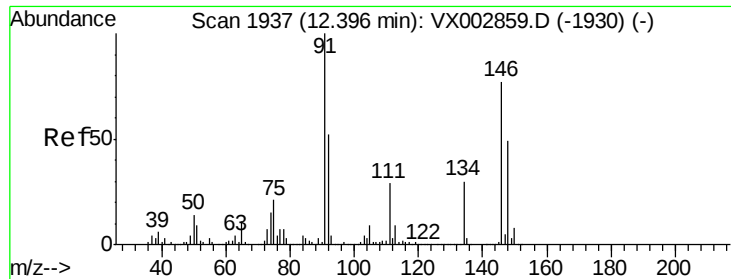
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#90
Hexachloroethane
Concen: 17.73 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.6	49.0	147.0





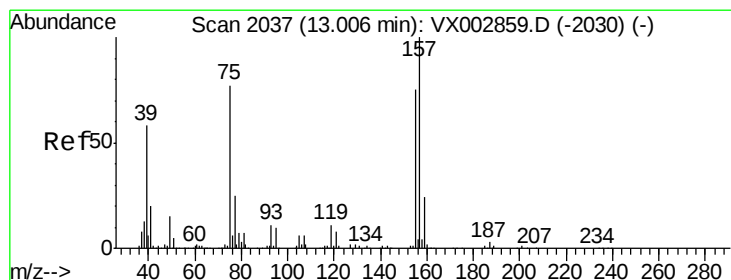
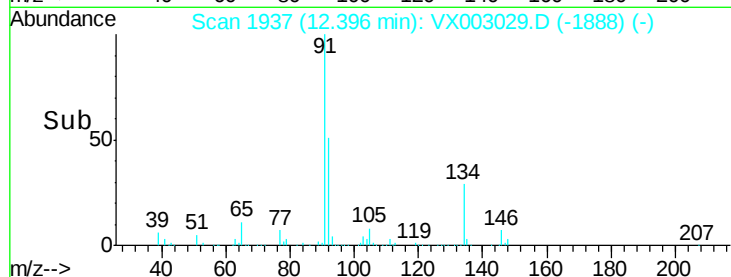
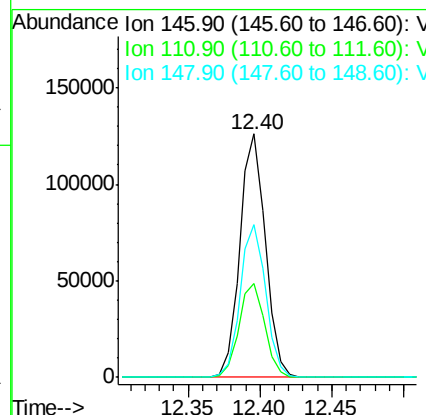
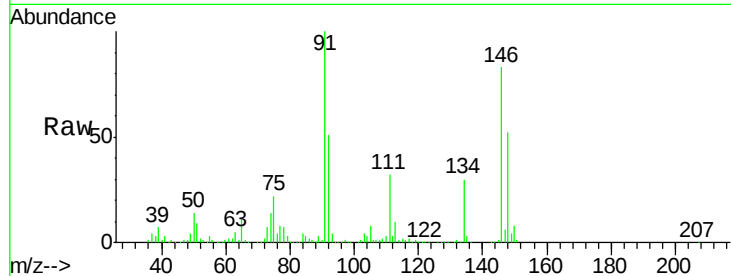
#91
1,2-Dichlorobenzene
Concen: 20.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	62.6	31.7	95.1

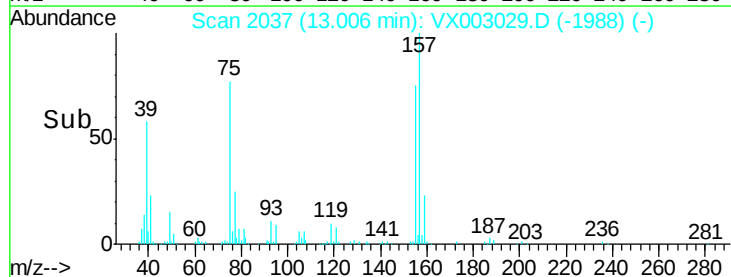
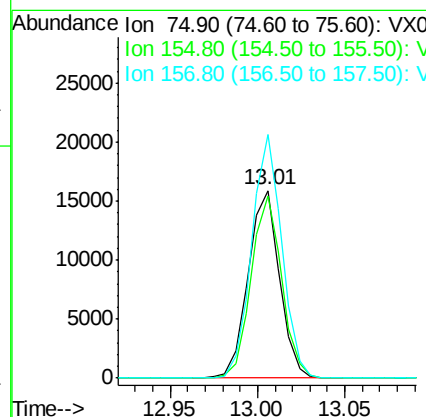
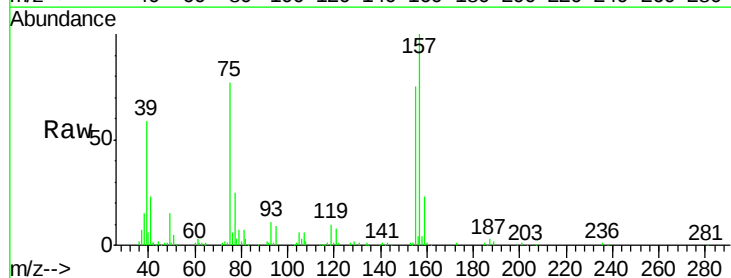
Manual Integrations
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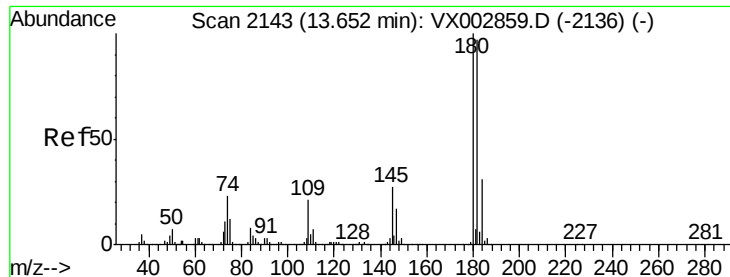
apatel
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.62 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003029.D
Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	45.8	137.4
157	124.6	60.1	180.3





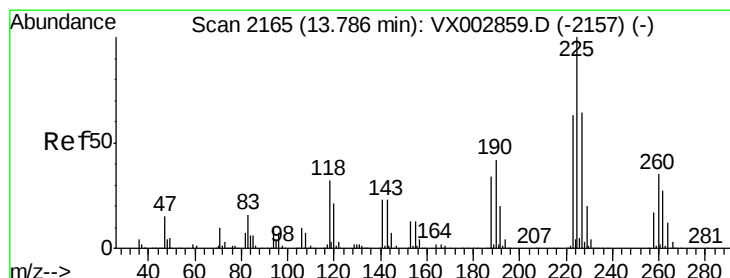
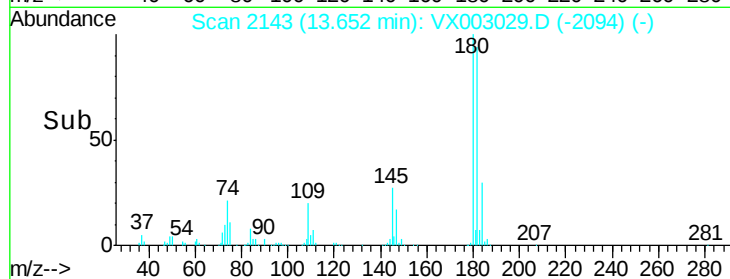
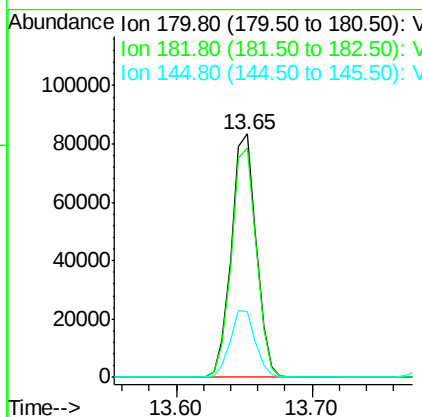
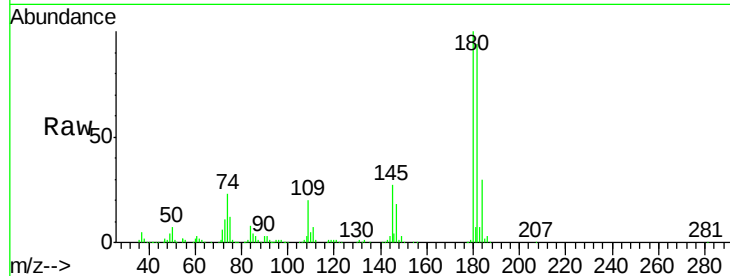
#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	105828		
182	94.8	47.7	143.1	
145	28.0	14.1	42.4	

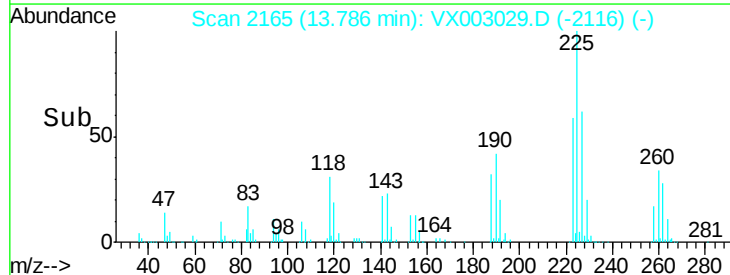
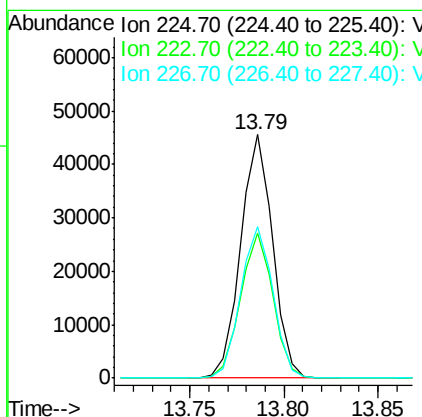
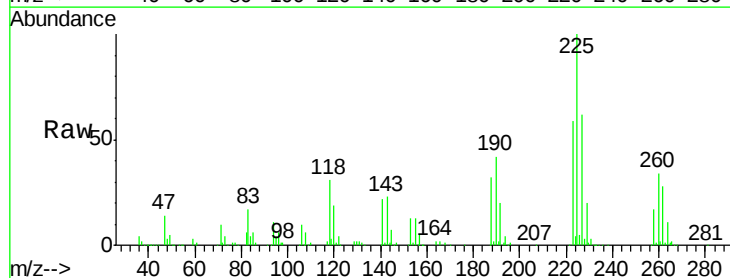
Manual Integrations
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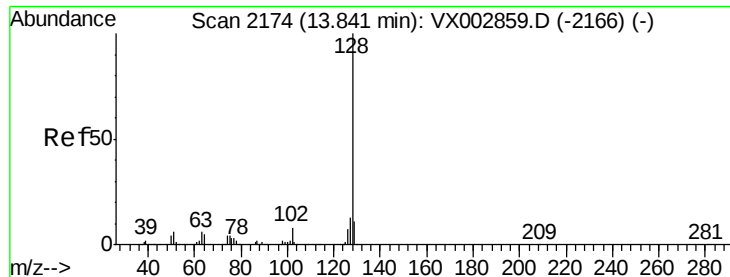
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#94
 Hexachlorobutadiene
 Concen: 19.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003029.D
 Acq: 29 Jun 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53425		
223	60.5	31.6	95.0	
227	62.9	32.4	97.2	





#95

Naphthalene

Concen: 20.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Instrument :

MSVOA_X

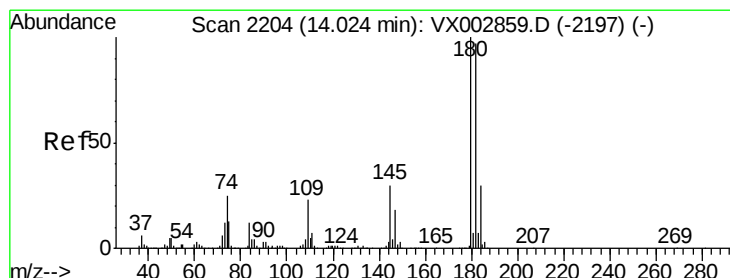
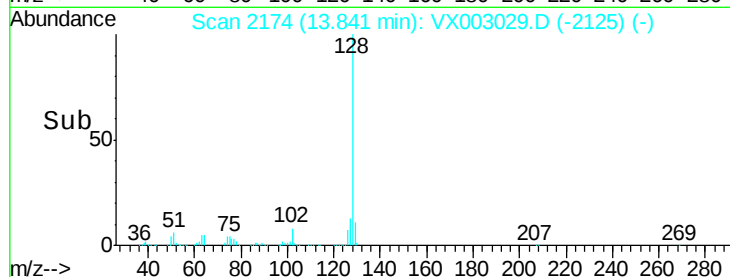
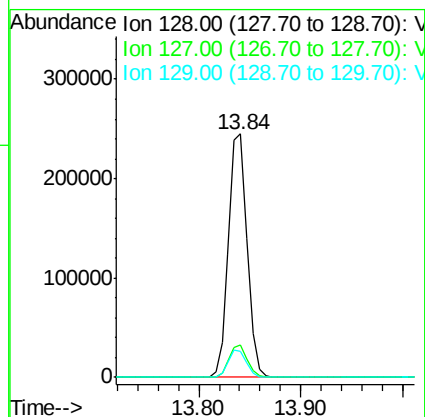
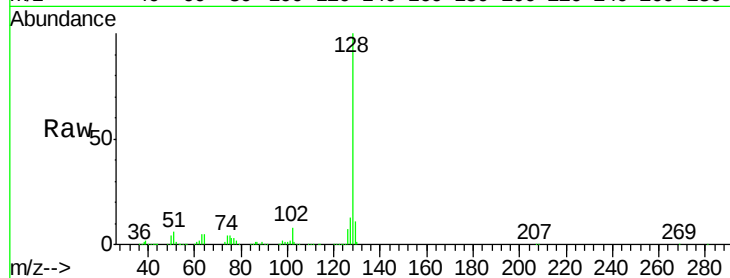
ClientSampleId :

VX0629WBS01

Tot Ion:	128	Resp:	309734
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.93 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003029.D

Acq: 29 Jun 2018 15:25

Tgt Ion:	180	Resp:	110278
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	29.3	14.8	44.3

