

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003048.D
 Acq On : 30 Jun 2018 00:17
 Operator : JC/MD
 Sample : VX0629MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Manual Integrations
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 7/2/2018 4:15:41 PM

Quant Time: Jun 30 03:19:02 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	271127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185687	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.51	113	151511	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.72	98	540952	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	203533	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56863	23.33	ug/l	99
3) Chloromethane	1.32	50	56814	21.93	ug/l	100
4) Vinyl Chloride	1.40	62	63542	20.72	ug/l	90
5) Bromomethane	1.64	94	25553	16.00	ug/l	98
6) Chloroethane	1.72	64	39969	20.99	ug/l	96
7) Trichlorofluoromethane	1.93	101	98010	18.95	ug/l	99
8) Diethyl Ether	2.19	74	36193	19.25	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55344	18.47	ug/l	98
10) Methyl Iodide	2.51	142	50947	20.90	ug/l	98
11) Tert butyl alcohol	3.08	59	72624	97.28	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51118	19.12	ug/l	97
13) Acrolein	2.30	56	38060	94.63	ug/l	95
14) Allyl chloride	2.73	41	98034	18.60	ug/l	96
15) Acrylonitrile	3.15	53	159857	100.25	ug/l	98
16) Acetone	2.45	43	145878	94.00	ug/l	98
17) Carbon Disulfide	2.57	76	136800	19.20	ug/l	98
18) Methyl Acetate	2.78	43	77017	17.75	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	181349	18.87	ug/l	99
20) Methylene Chloride	2.86	84	57578	19.06	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	55734	19.14	ug/l	95
22) Diisopropyl ether	3.88	45	196983	19.55	ug/l	98
23) Vinyl Acetate	3.83	43	840606	98.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104697	19.12	ug/l	98
25) 2-Butanone	4.71	43	233112	101.21	ug/l	96
26) 2,2-Dichloropropane	4.59	77	57739	12.97	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	63283	19.38	ug/l	97
28) Bromochloromethane	5.03	49	54504	20.79	ug/l	92
29) Tetrahydrofuran	5.17	42	148748	100.71	ug/l	97
30) Chloroform	5.22	83	110577	19.68	ug/l	96
31) Cyclohexane	5.58	56	86580	18.42	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	96797	19.58	ug/l	98
36) 1,1-Dichloropropene	5.80	75	78971	19.16	ug/l	98
37) Ethyl Acetate	4.87	43	88948	20.04	ug/l	97
38) Carbon Tetrachloride	5.79	117	85486	18.90	ug/l	97

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 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	82486	17.18	ug/l	98
40) Benzene	6.15	78	237129	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	49624	19.42	ug/l	98
42) 1,2-Dichloroethane	6.20	62	92529	19.13	ug/l	99
43) Isopropyl Acetate	6.48	43	140303	18.85	ug/l	98
44) Trichloroethene	7.22	130	68995	19.32	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61906	19.49	ug/l	100
46) Dibromomethane	7.67	93	42605	19.33	ug/l	96
47) Bromodichloromethane	7.90	83	78487	19.26	ug/l	97
48) Methyl methacrylate	7.78	41	72075	18.79	ug/l	97
49) 1,4-Dioxane	7.76	88	30513	408.97	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	465940	100.06	ug/l	98
52) Toluene	8.79	92	150855	19.66	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	85141	18.45	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	76885	17.31	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62754	19.91	ug/l	97
56) Ethyl methacrylate	9.18	69	89768	19.48	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101783	19.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	348339	156.72	ug/l	98
59) 2-Hexanone	9.50	43	351339	99.28	ug/l	97
60) Dibromochloromethane	9.59	129	61731	18.60	ug/l	98
61) 1,2-Dibromoethane	9.68	107	65239	19.73	ug/l	99
64) Tetrachloroethene	9.34	164	79388	20.00	ug/l	98
65) Chlorobenzene	10.14	112	172624	19.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63624	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	286967	19.16	ug/l	99
68) m/p-Xylenes	10.36	106	221997	38.46	ug/l	99
69) o-Xylene	10.70	106	109763	19.53	ug/l	97
70) Styrene	10.71	104	180688	19.79	ug/l	99
71) Bromoform	10.86	173	48552	18.95	ug/l	97
73) Isopropylbenzene	11.02	105	291100	19.88	ug/l	100
74) N-amyl acetate	6.48	43	140303	19.59	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91956	20.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	80914m	20.53	ug/l	
77) Bromobenzene	11.26	156	82182	19.71	ug/l	97
78) n-propylbenzene	11.36	91	322092	19.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	199243	19.75	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	241114	19.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19089	16.47	ug/l	95
82) 4-Chlorotoluene	11.51	91	231625	19.39	ug/l	98
83) tert-Butylbenzene	11.77	119	232606	19.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249636	19.54	ug/l	98
85) sec-Butylbenzene	11.95	105	275097	18.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	248635	18.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148050	19.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	149490	19.08	ug/l	100
89) n-Butylbenzene	12.39	91	201086	17.43	ug/l	100
90) Hexachloroethane	12.60	117	34727	17.62	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148859	19.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19180	18.92	ug/l	97

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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	103276	18.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	50750	18.19	ug/l	98
95) Naphthalene	13.84	128	298348	20.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106507	19.06	ug/l	100

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

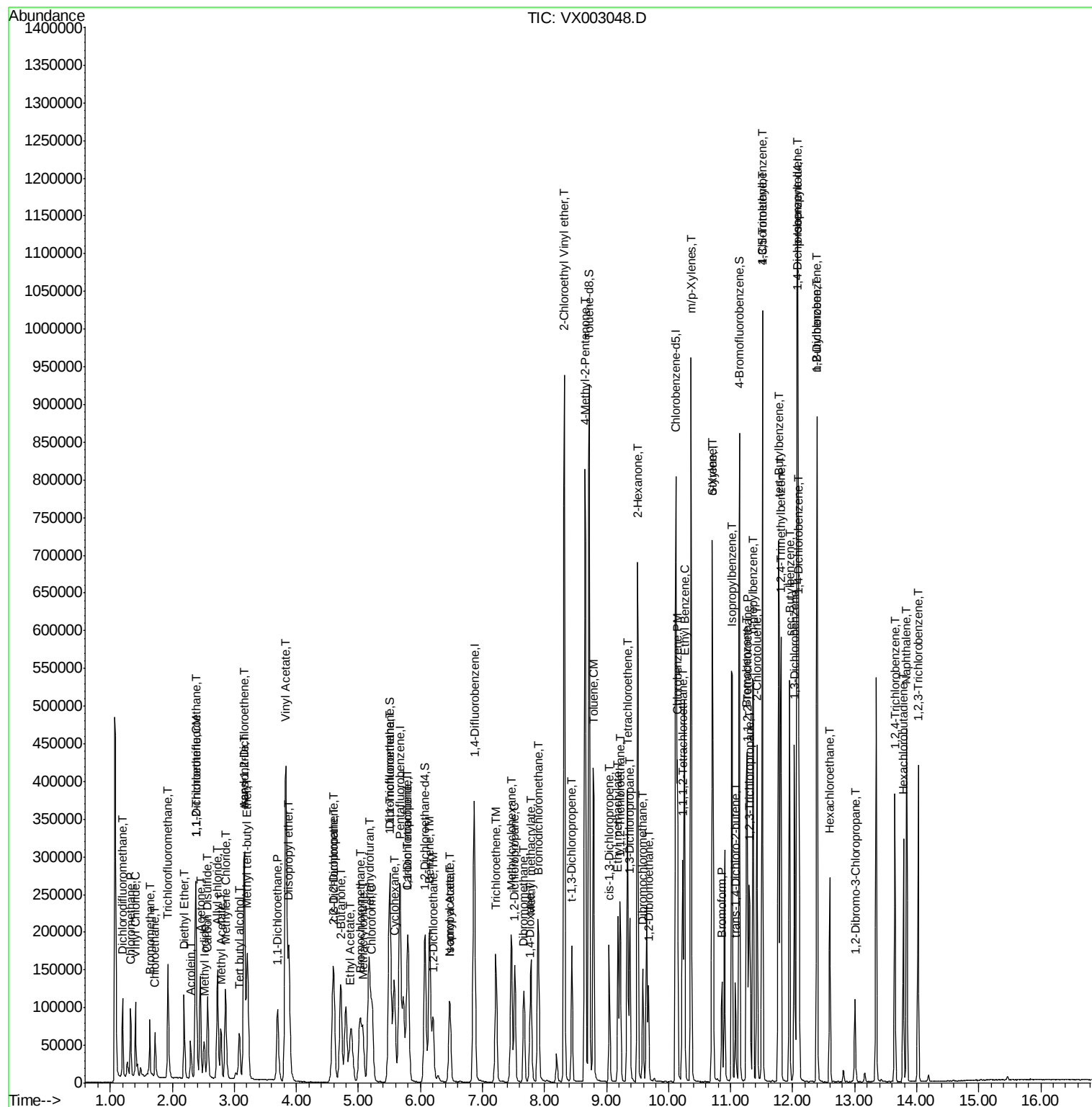
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 Data File : VX003048.D
 Acq On : 30 Jun 2018 00:17
 Operator : JC/MD
 Sample : VX0629MBS01
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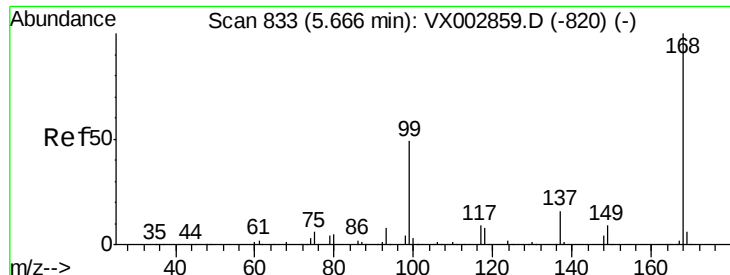
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0629MBS01

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion:168 Resp: 271127

Ion Ratio Lower Upper

168 100

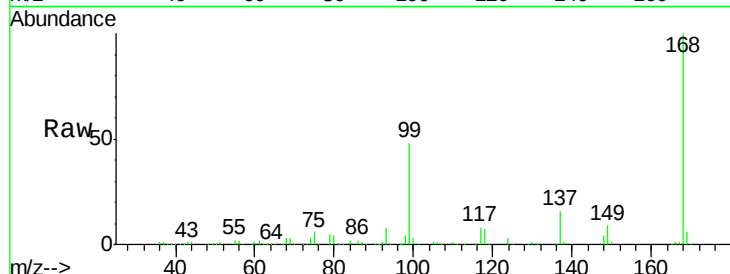
99 48.2 39.3 58.9

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

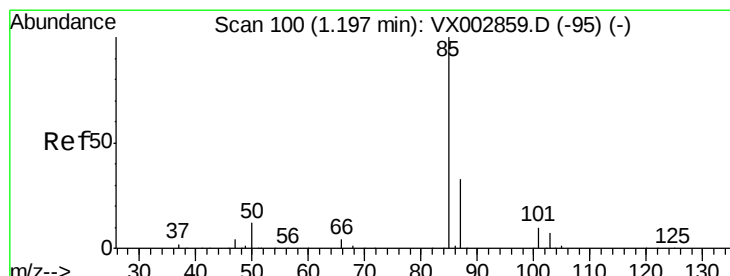
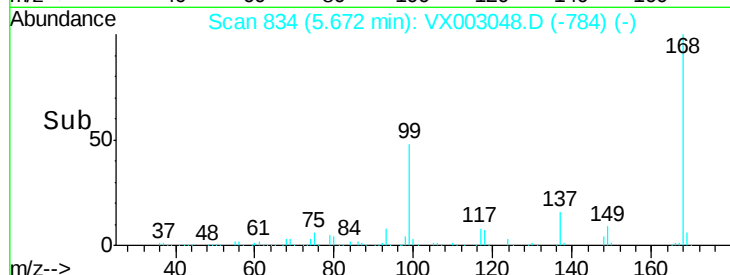
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003048.D

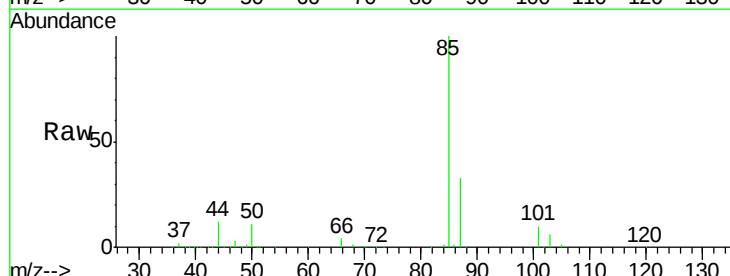
Acq: 30 Jun 2018 00:17

Tgt Ion: 85 Resp: 56863

Ion Ratio Lower Upper

85 100

87 32.6 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

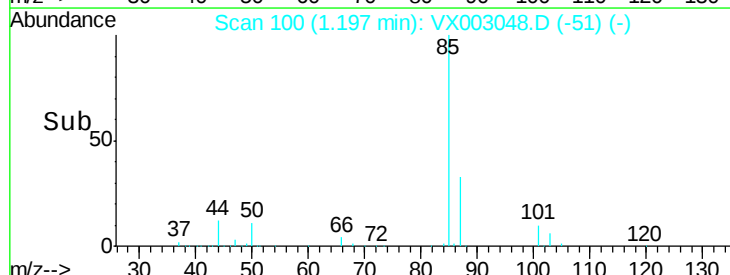
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 21.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

VX0629MBS01

Tot Ion: 50 Resp: 56814

Ion Ratio Lower Upper

50 100

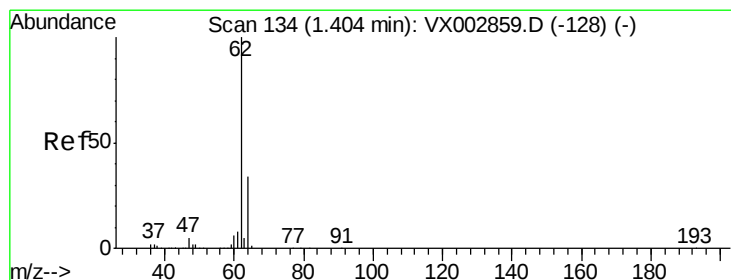
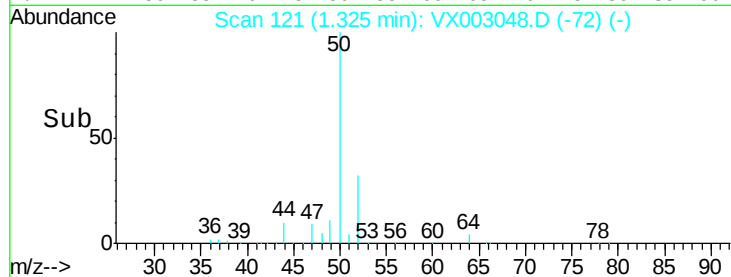
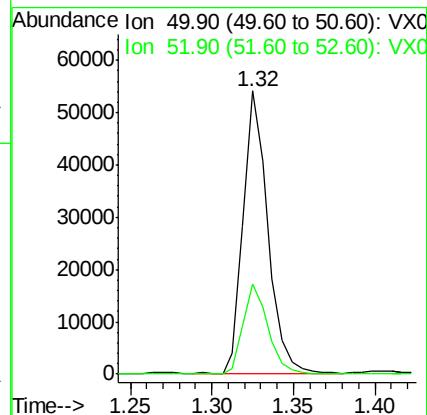
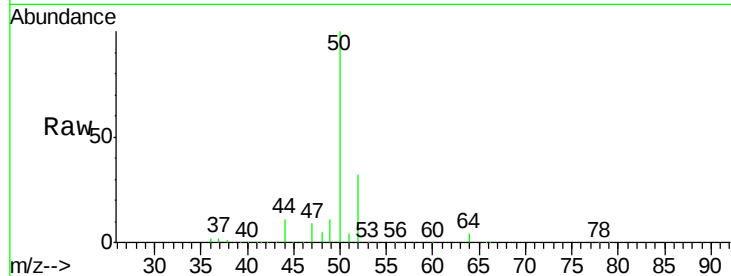
52 32.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.72 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003048.D

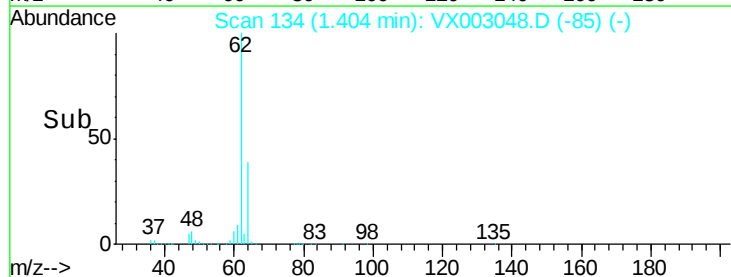
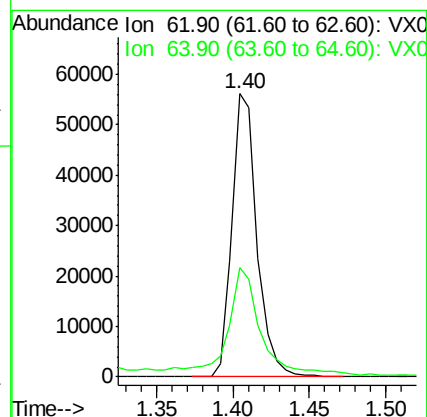
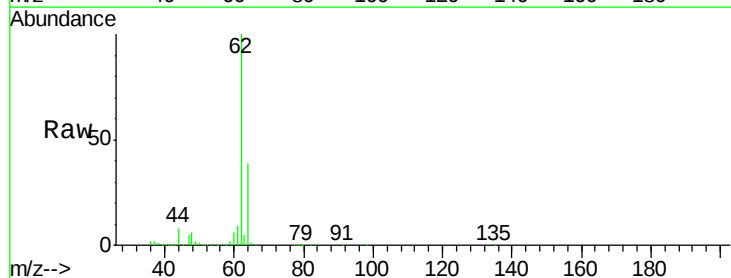
Acq: 30 Jun 2018 00:17

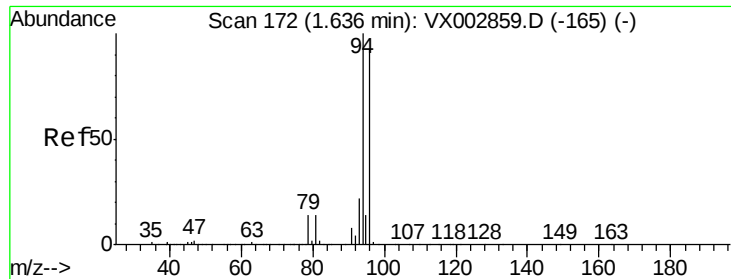
Tgt Ion: 62 Resp: 63542

Ion Ratio Lower Upper

62 100

64 37.2 25.4 38.2





#5

Bromomethane

Concen: 16.00 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion: 94 Resp: 25553

Ion Ratio Lower Upper

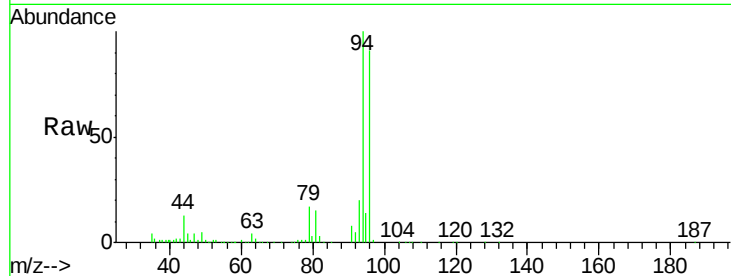
94 100

96 91.3 74.9 112.3

Manual Integrations
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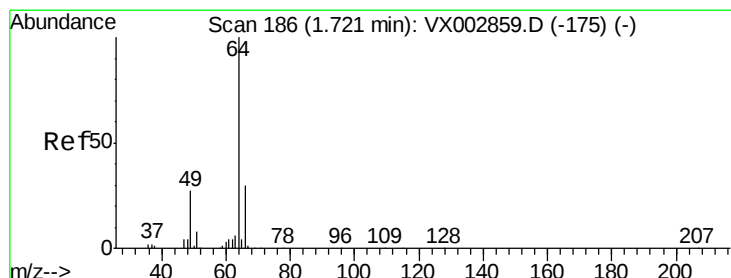
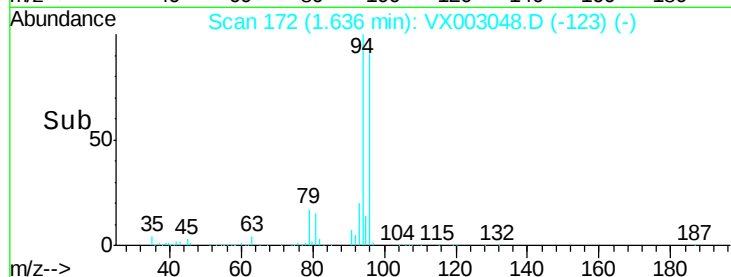
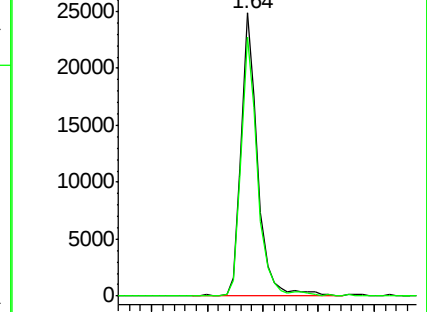
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003048.D

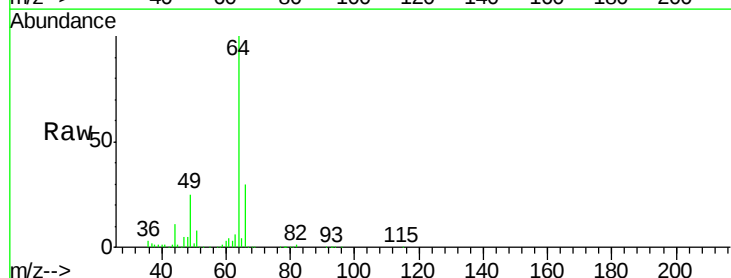
Acq: 30 Jun 2018 00:17

Tgt Ion: 64 Resp: 39969

Ion Ratio Lower Upper

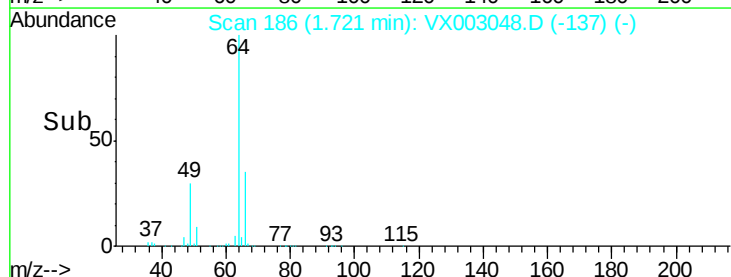
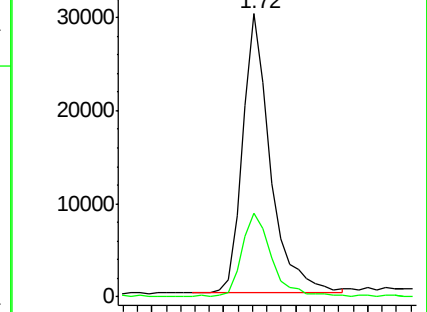
64 100

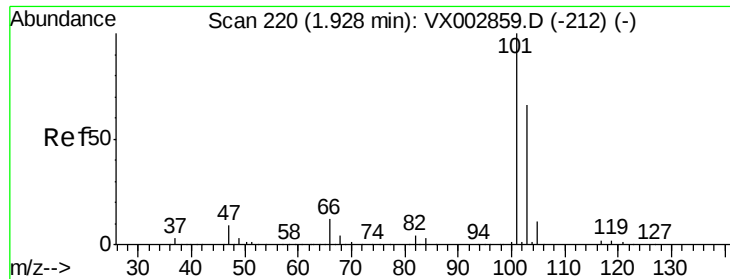
66 29.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

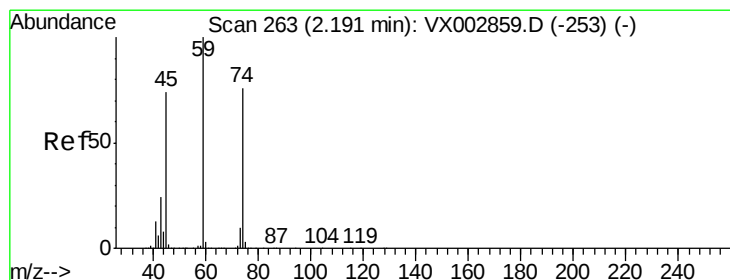
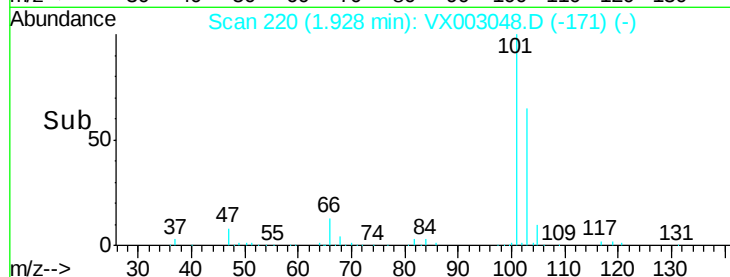
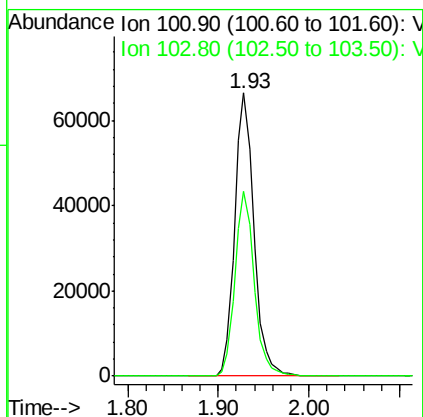
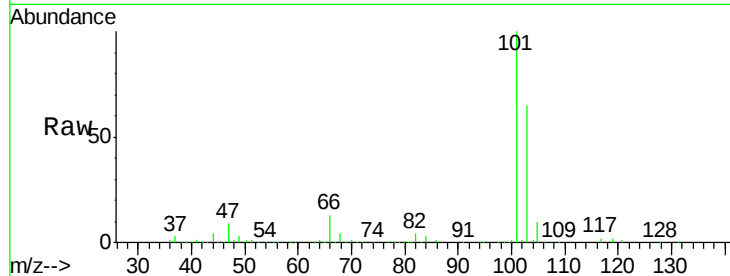
Trichlorofluoromethane
 Concen: 18.95 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.8	79.2

Manual Integrations
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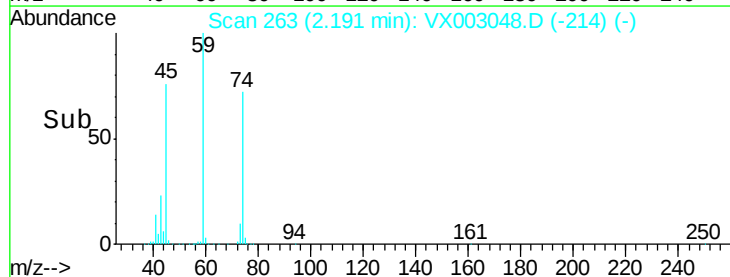
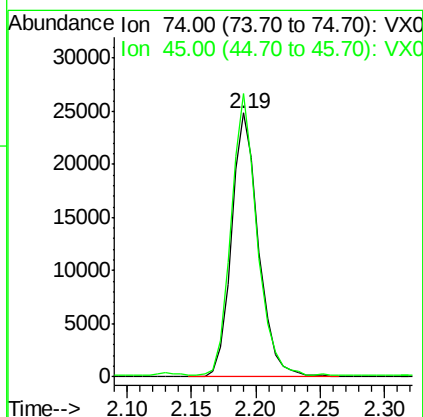
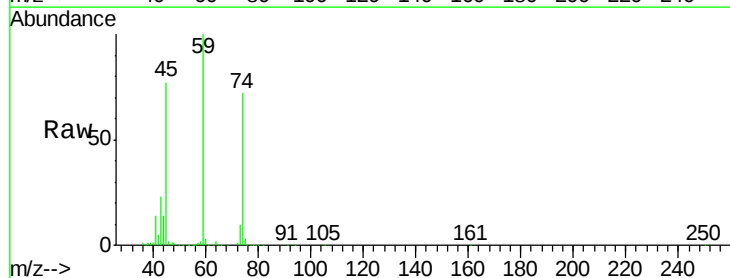
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#8

Diethyl Ether
 Concen: 19.25 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.47 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

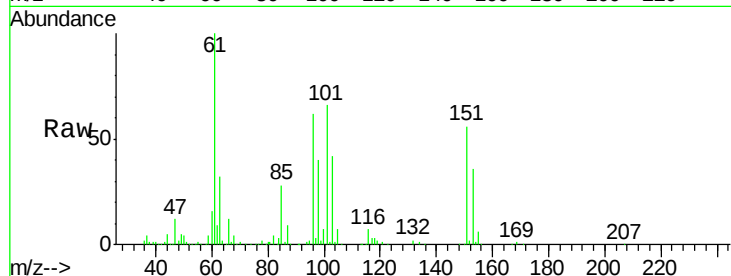
ClientSampleId :

VX0629MBS01

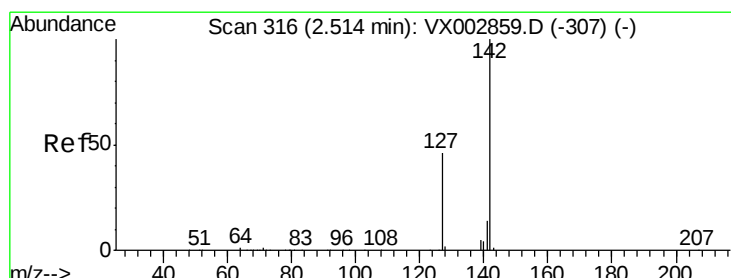
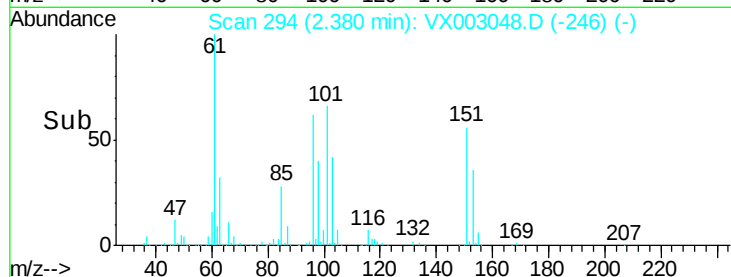
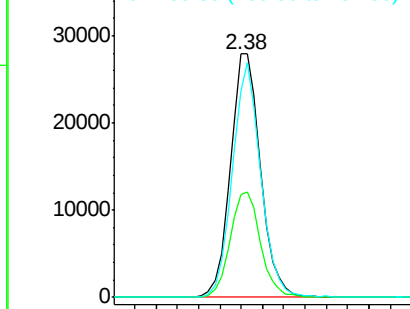
Tot Ion:	101	Resp:	55344
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.0	54.0
151	90.6	70.9	106.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.90 ug/l

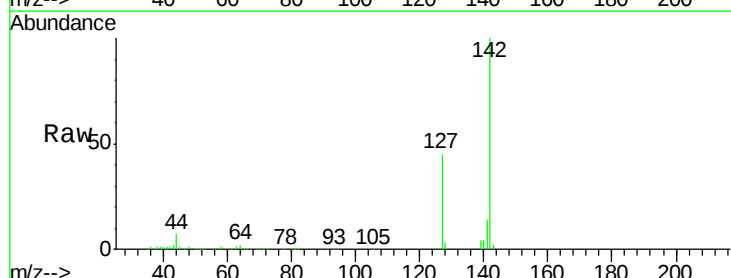
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

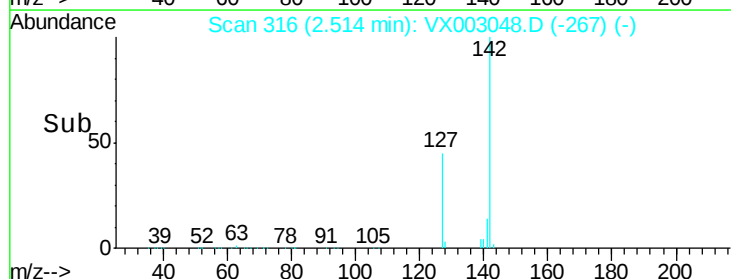
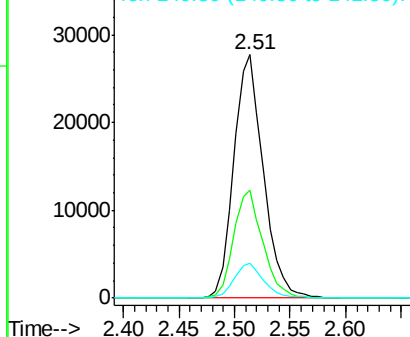
Lab File: VX003048.D

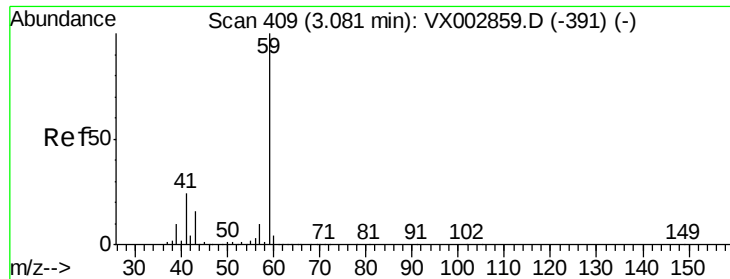
Acq: 30 Jun 2018 00:17

Tgt Ion:	142	Resp:	50947
Ion Ratio	Lower	Upper	
142	100		
127	43.8	36.6	55.0
141	14.3	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





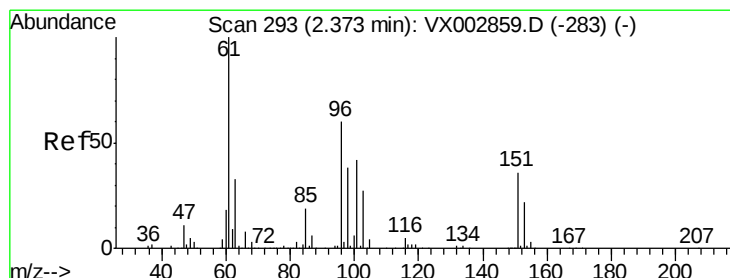
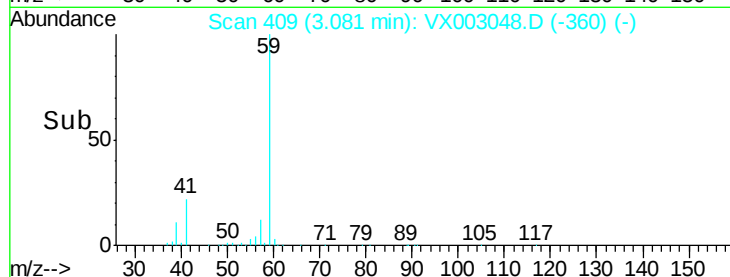
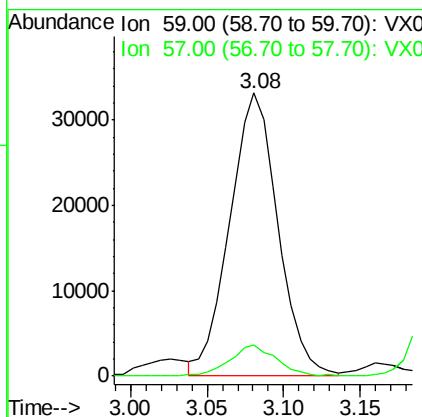
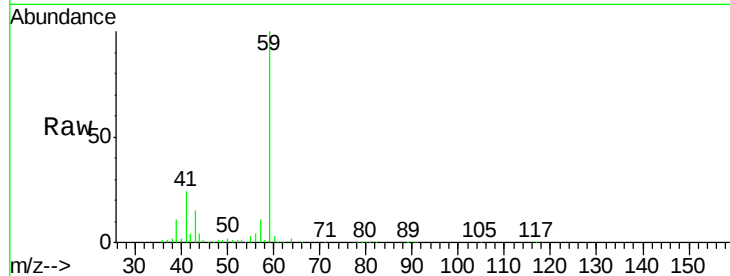
#11
Tert butyl alcohol
Concen: 97.28 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

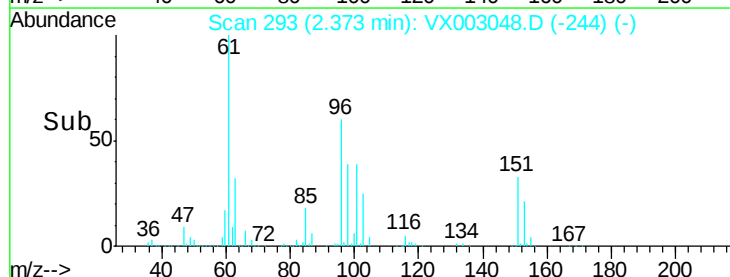
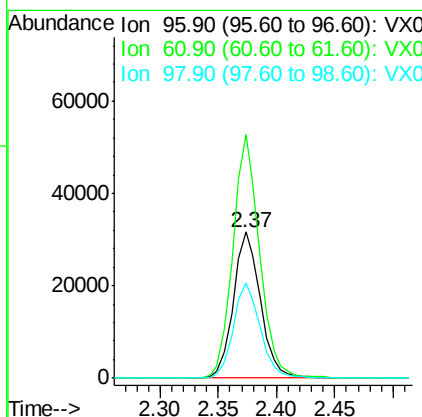
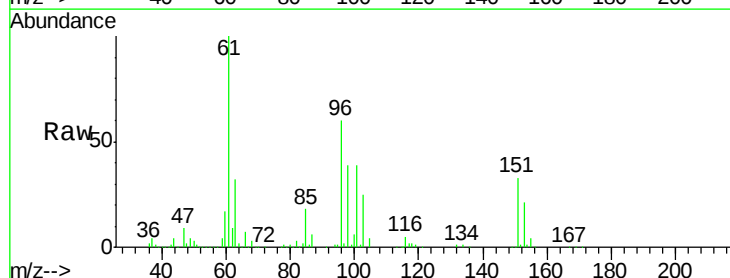
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.12 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	137.9	206.9
98	65.3	51.6	77.4





#13

Acrolein

Concen: 94.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

VX0629MBS01

Tot Ion: 56 Resp: 38060

Ion Ratio Lower Upper

56 100

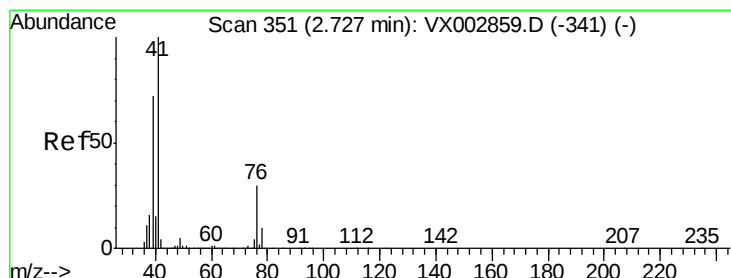
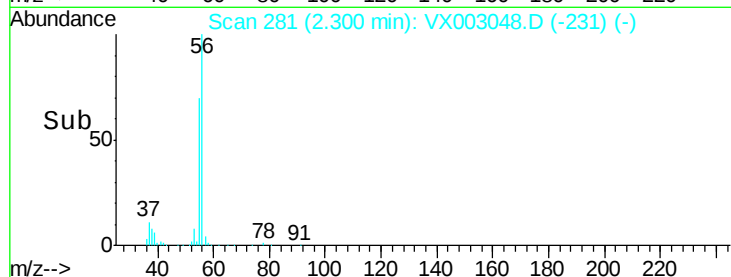
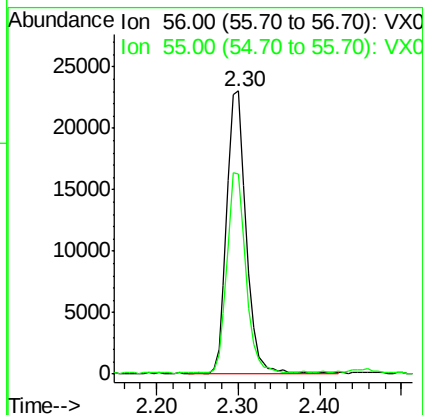
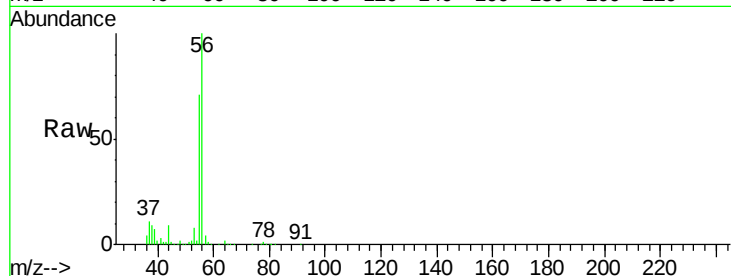
55 67.4 57.0 85.4

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#14

Allyl chloride

Concen: 18.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

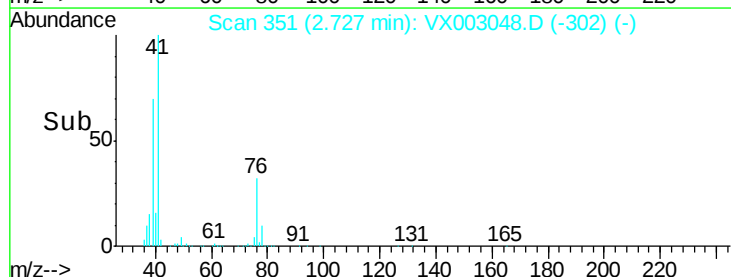
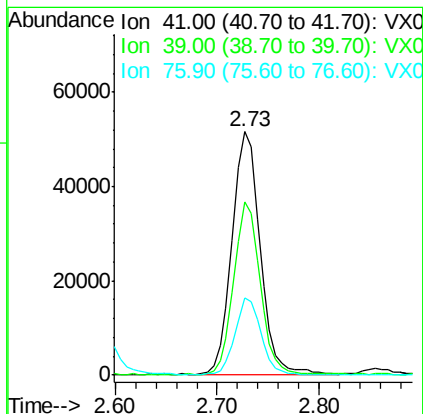
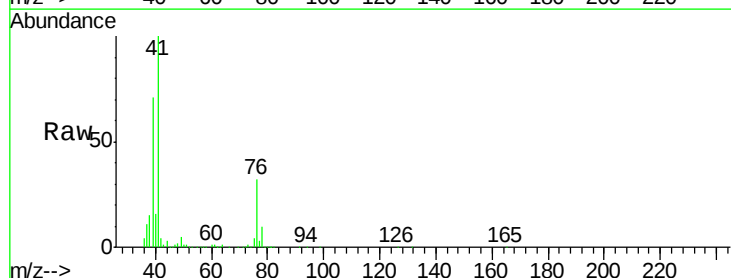
Tgt Ion: 41 Resp: 98034

Ion Ratio Lower Upper

41 100

39 66.3 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 100.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

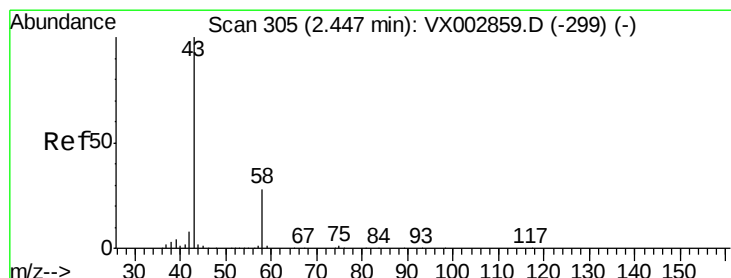
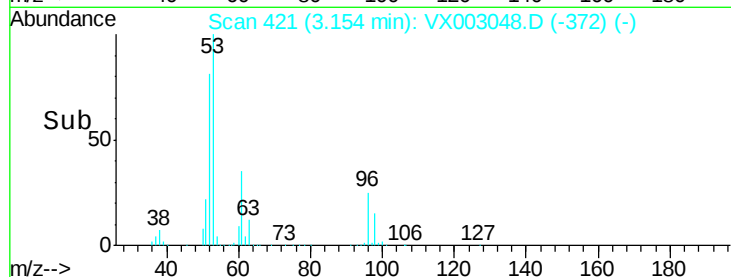
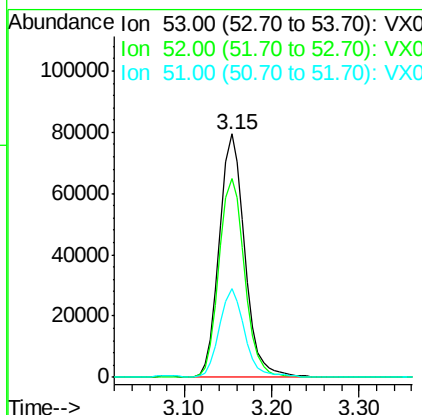
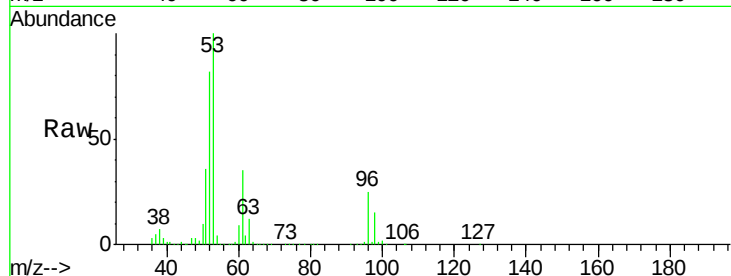
ClientSampleId :

VX0629MBS01

Tot Ion:	53	Resp:	159857
Ion Ratio		Lower	Upper
53	100		
52	82.3	66.7	100.1
51	35.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 94.00 ug/l

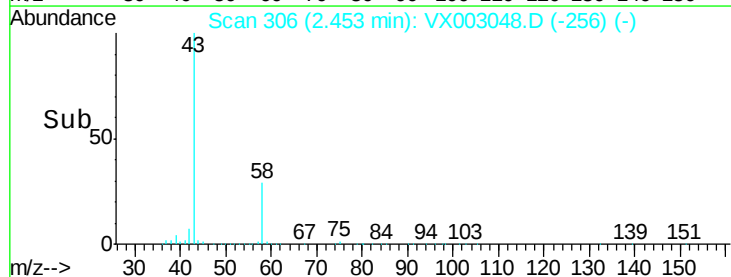
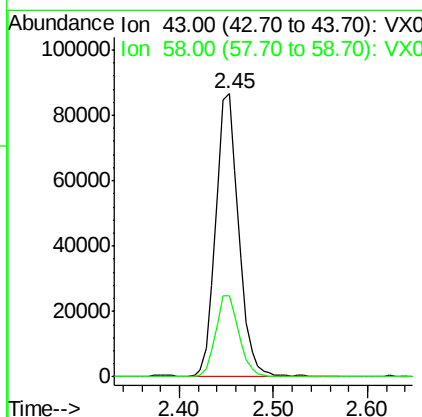
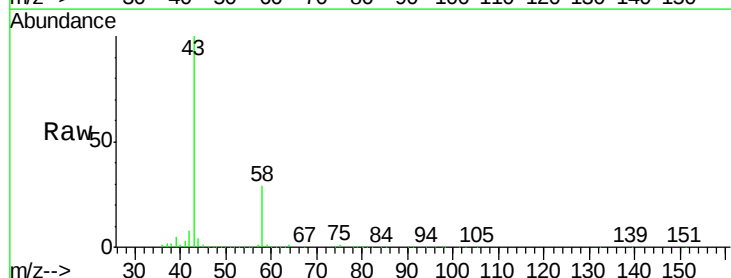
RT: 2.45 min Scan# 306

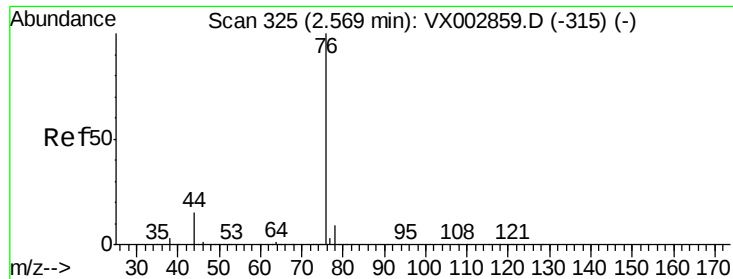
Delta R.T. 0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	43	Resp:	145878
Ion Ratio		Lower	Upper
43	100		
58	28.9	22.1	33.1





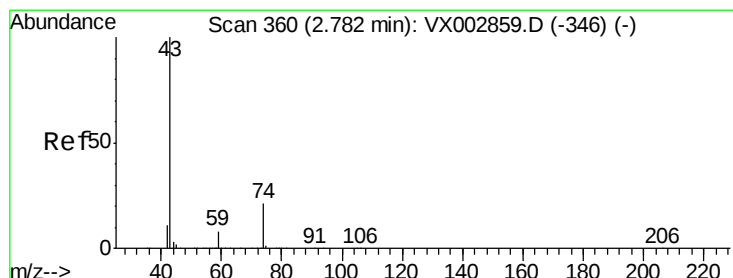
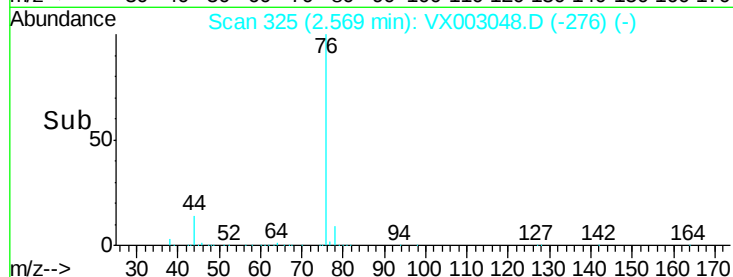
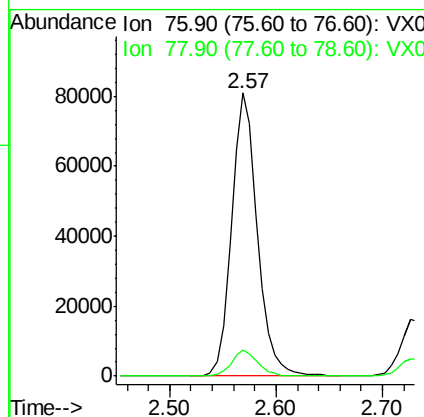
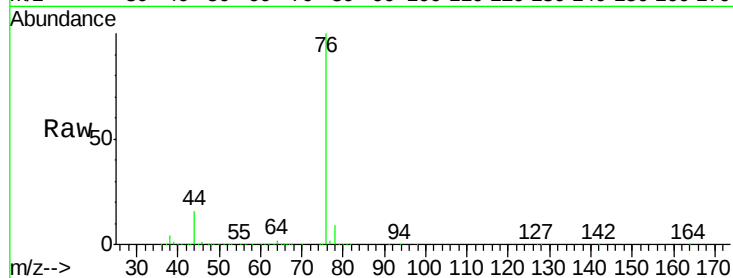
#17
Carbon Disulfide
Concen: 19.20 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

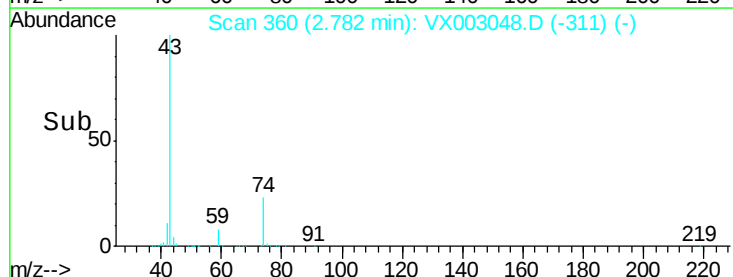
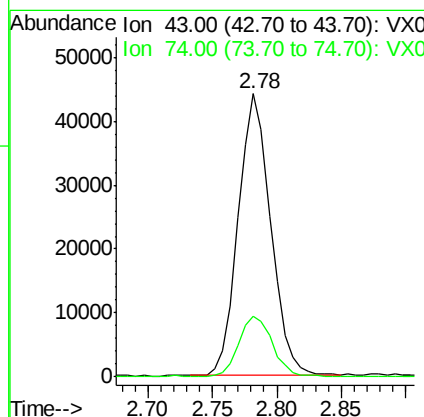
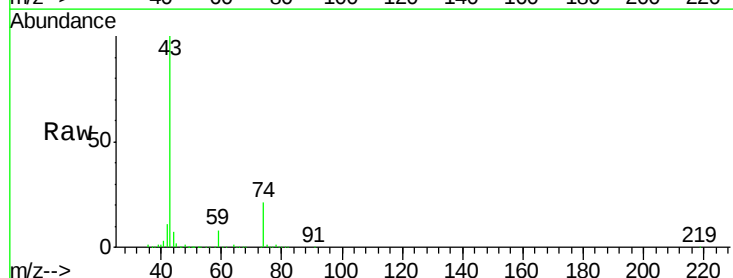
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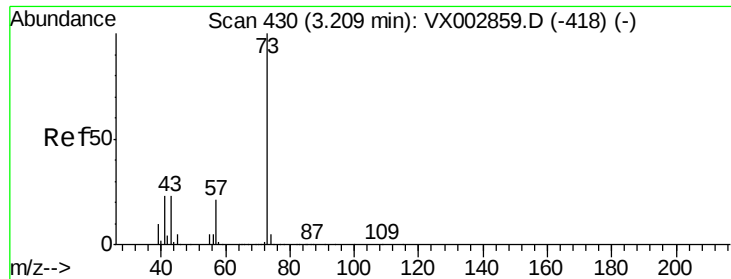
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#18
Methyl Acetate
Concen: 17.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1





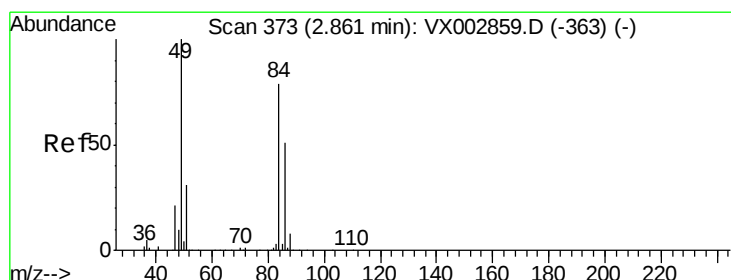
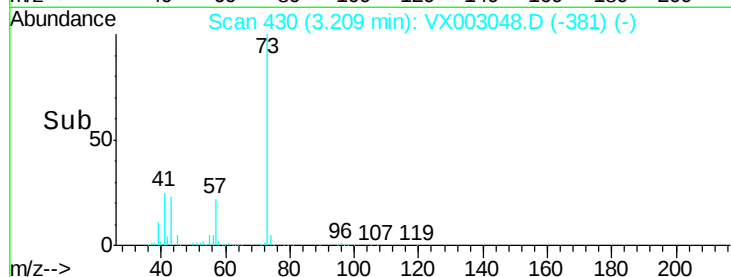
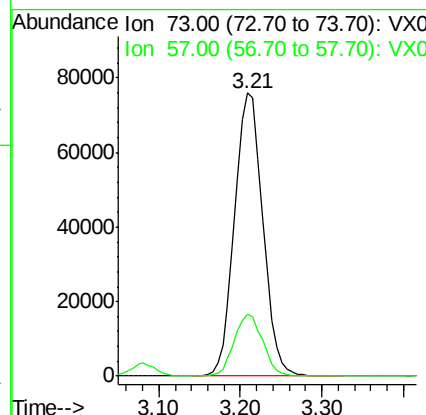
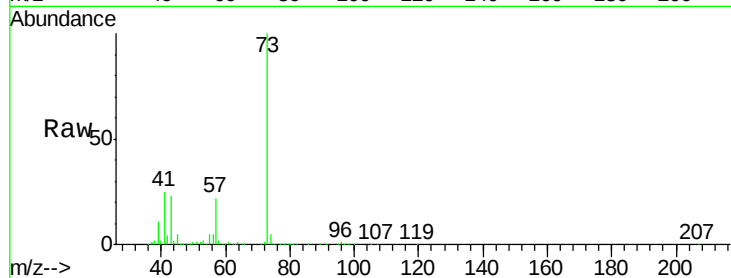
#19
Methvl tert-butvl Ether
Concen: 18.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.7	26.5

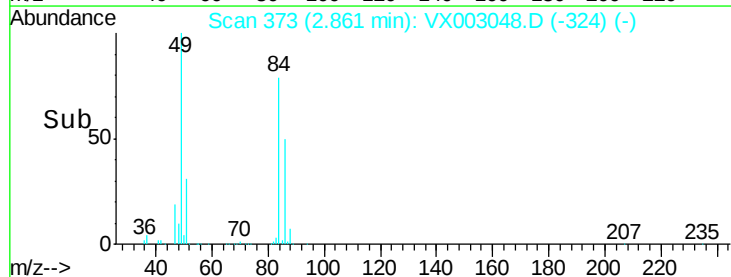
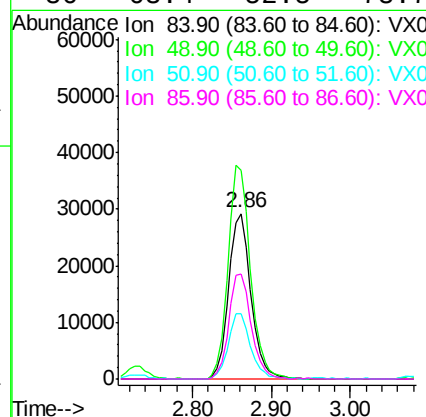
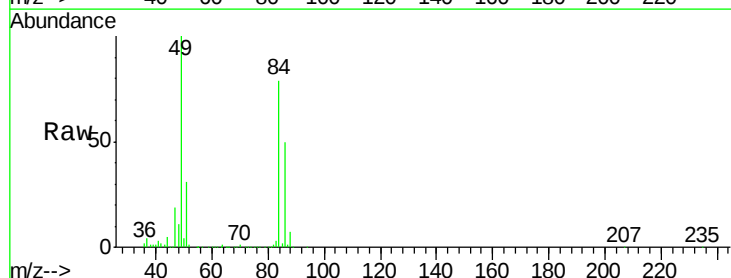
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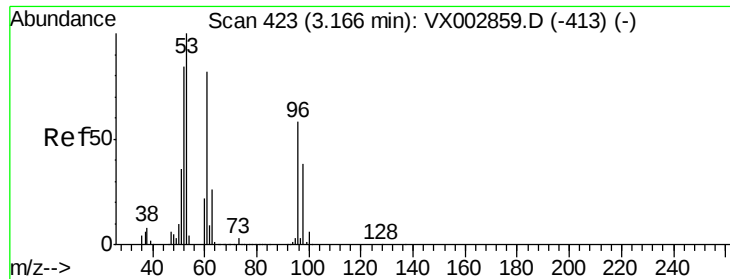
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#20
Methylene Chloride
Concen: 19.06 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	107.8	161.6
51	39.6	32.8	49.2
86	63.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion: 96 Resp: 55734

Ion Ratio Lower Upper

96 100

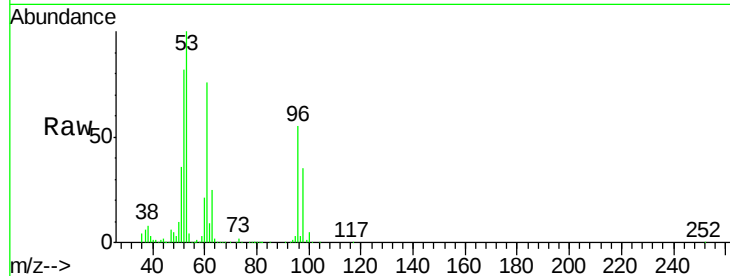
61 139.1 117.0 175.4

98 63.0 52.4 78.6

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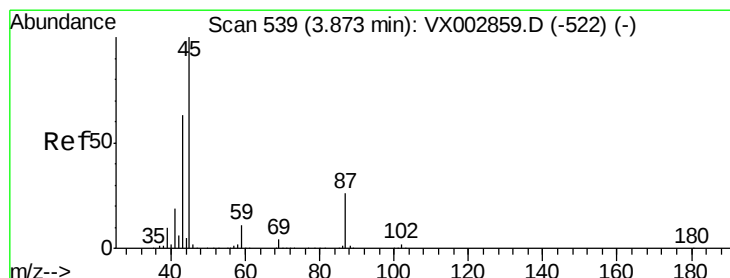
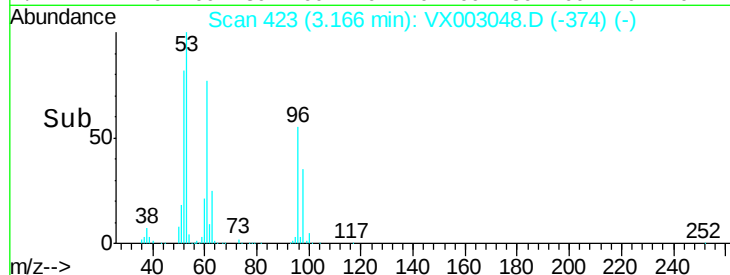
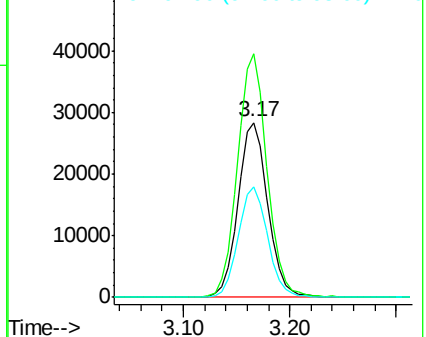


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.55 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion: 45 Resp: 196983

Ion Ratio Lower Upper

45 100

43 56.6 46.8 70.2

87 26.6 20.2 30.4

59 11.1 8.7 13.1

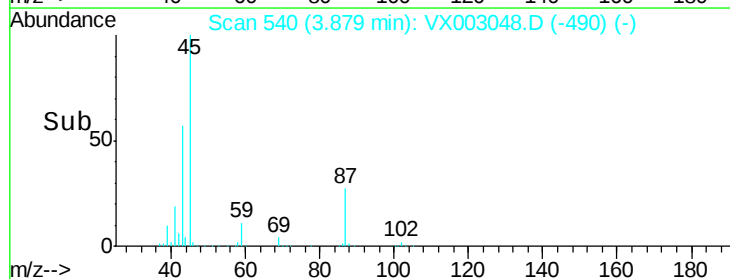
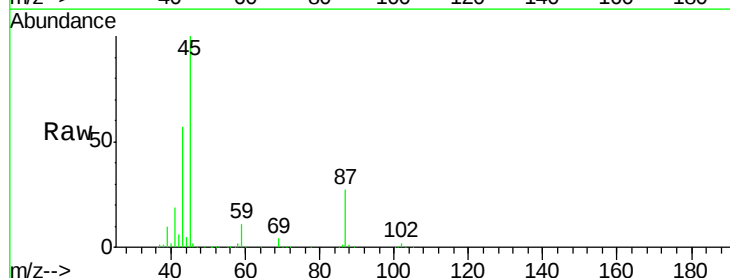
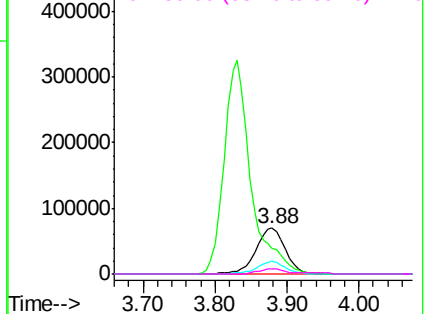
Abundance

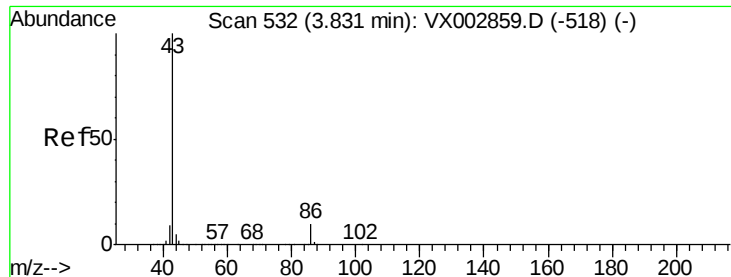
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion: 43 Resp: 840606

Ion Ratio Lower Upper

43 100

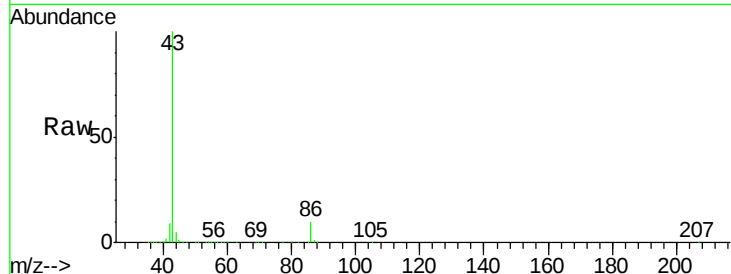
86 9.5 7.4 11.0

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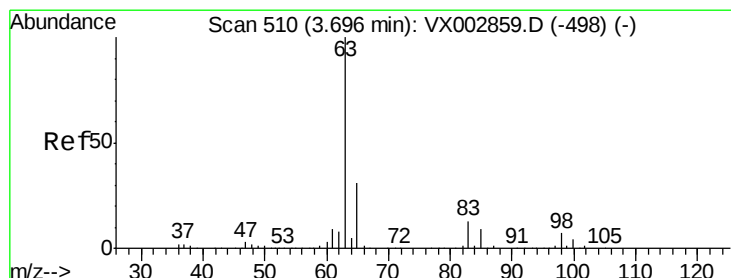
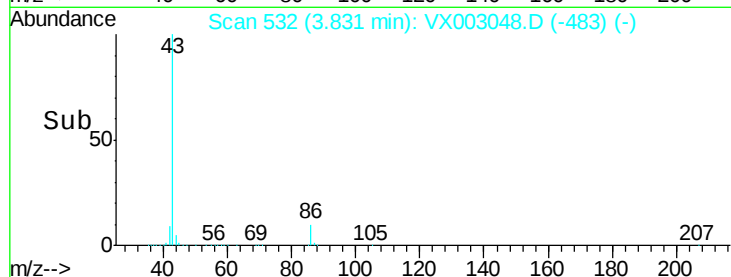
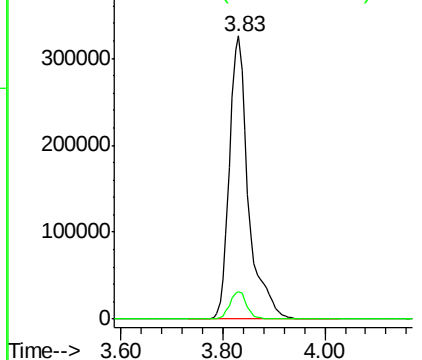
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.12 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

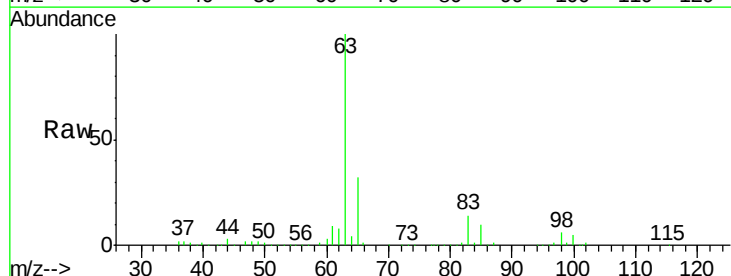
Tgt Ion: 63 Resp: 104697

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

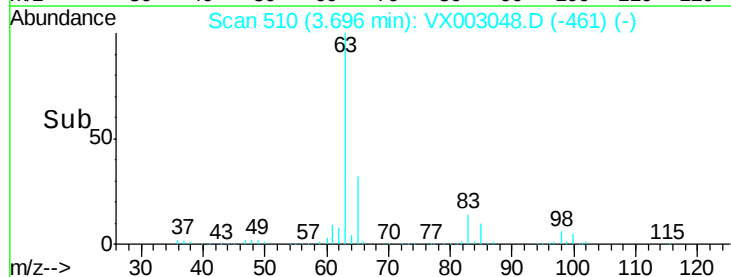
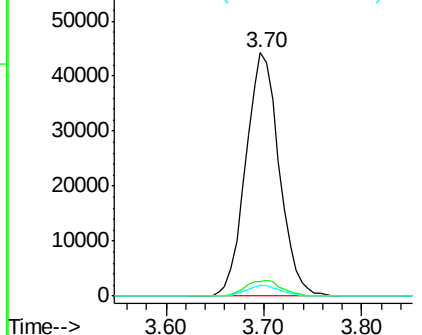
100 4.6 2.0 6.0

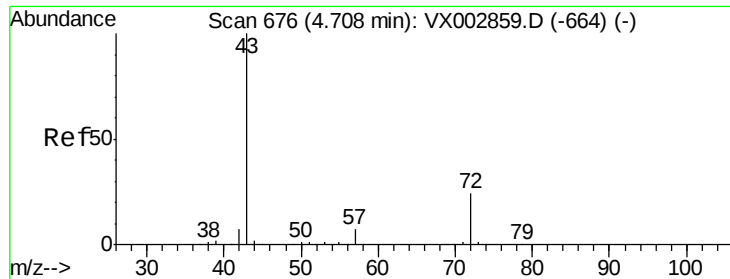


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.21 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion: 43 Resp: 233112

Ion Ratio Lower Upper

43 100

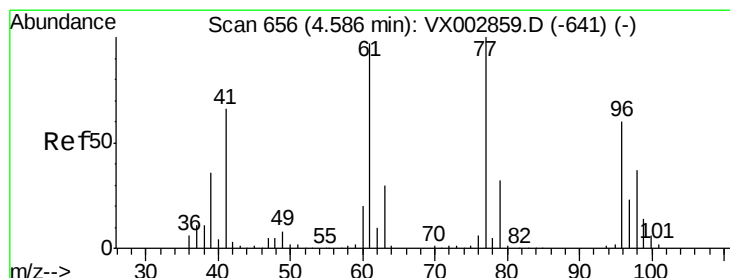
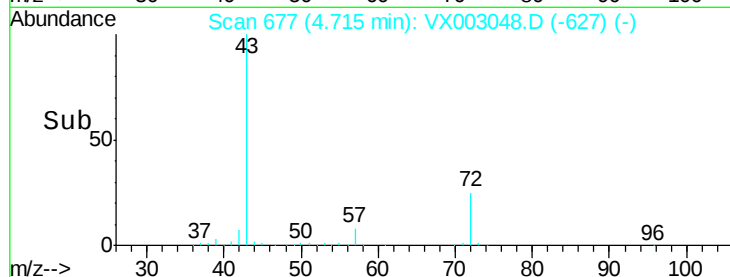
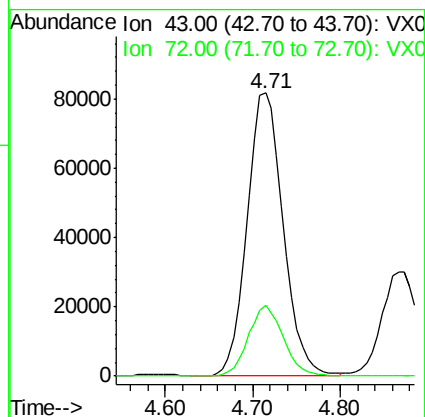
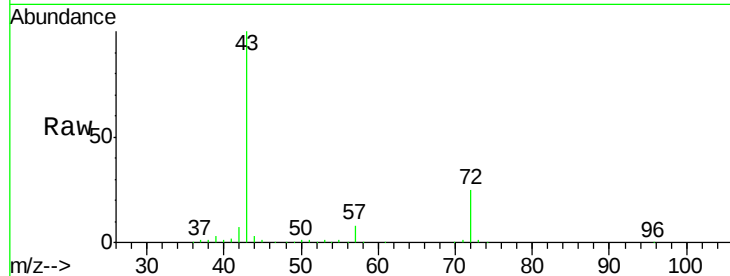
72 25.2 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 12.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003048.D

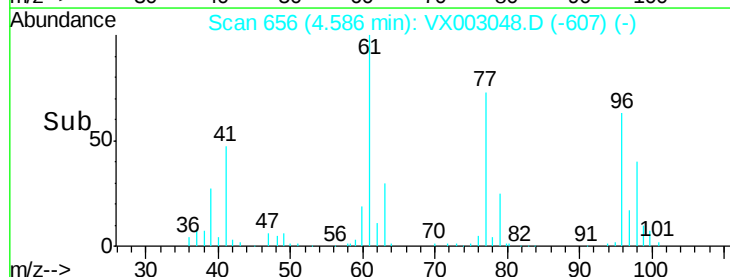
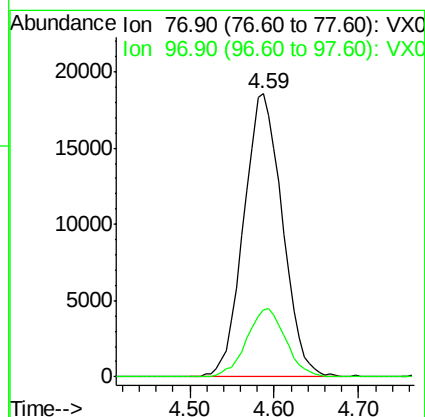
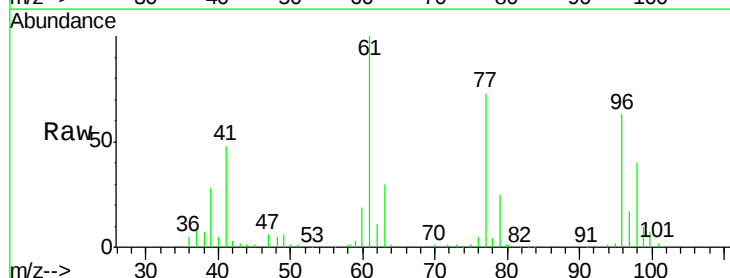
Acq: 30 Jun 2018 00:17

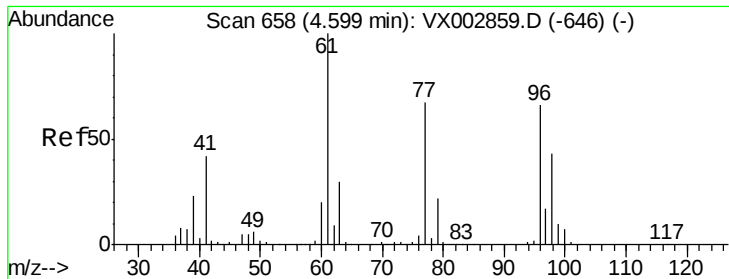
Tgt Ion: 77 Resp: 57739

Ion Ratio Lower Upper

77 100

97 24.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.38 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tot Ion:	96	Resp:	63283
Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	330.2
98	64.9	0.0	130.2

Instrument :

MSVOA_X

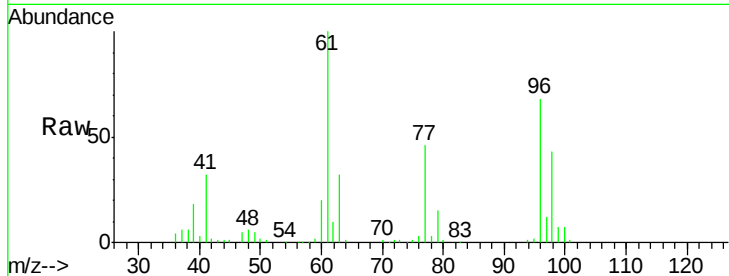
ClientSampled :

VX0629MBS01

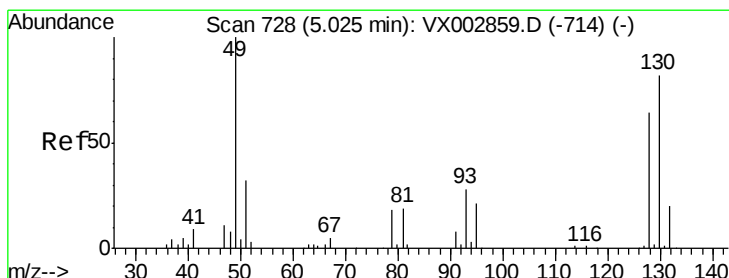
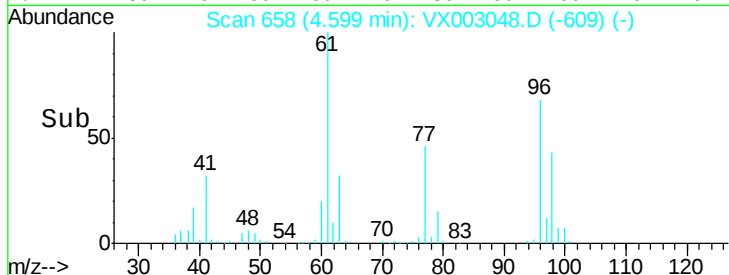
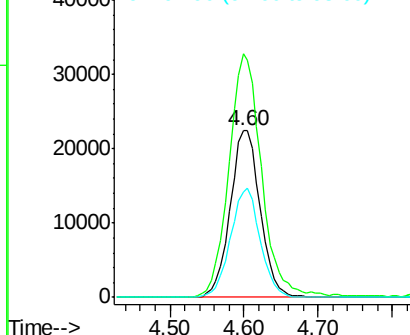
Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.79 ug/l

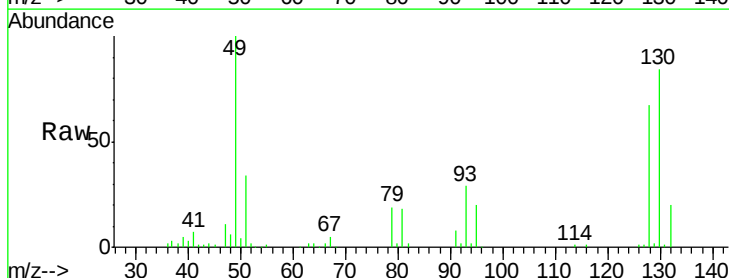
RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

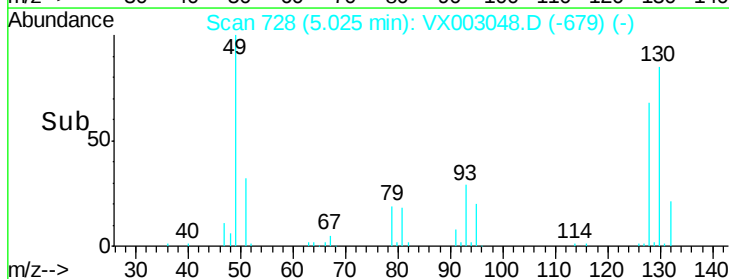
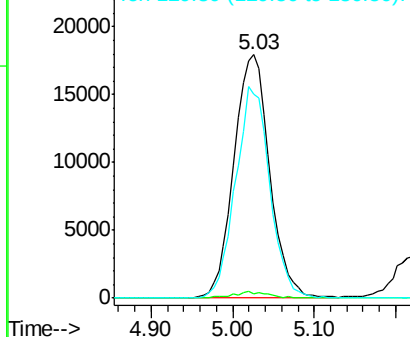
Lab File: VX003048.D

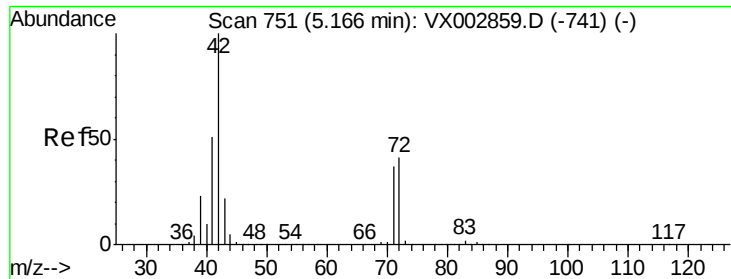
Acq: 30 Jun 2018 00:17

Tgt Ion:	49	Resp:	54504
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	83.2	61.2	91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





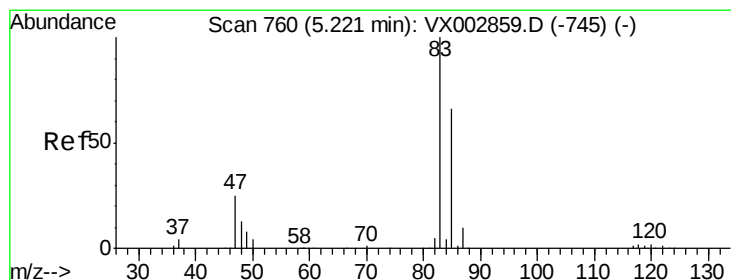
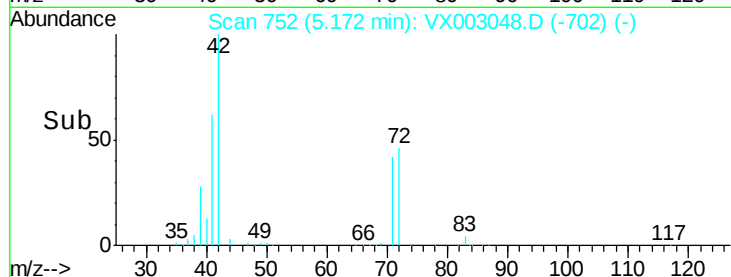
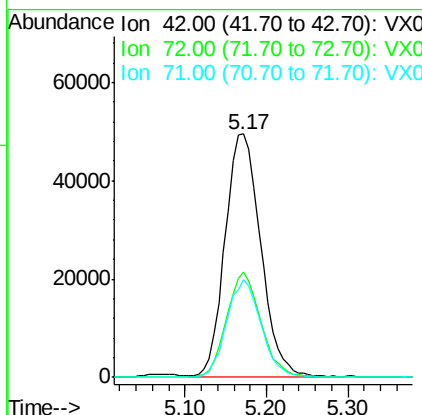
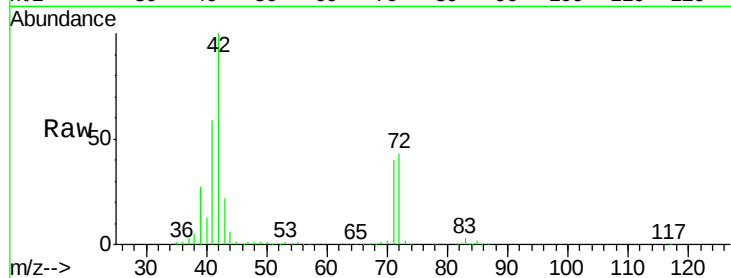
#29
Tetrahydrofuran
Concen: 100.71 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	39.0	30.1	45.1

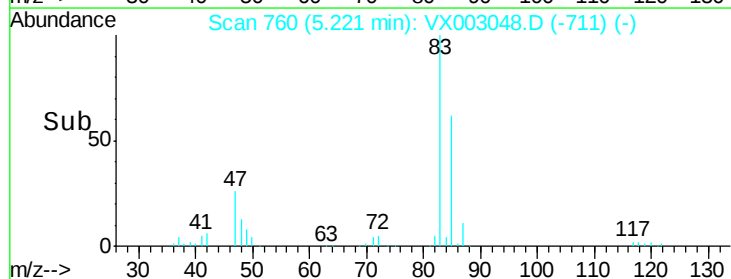
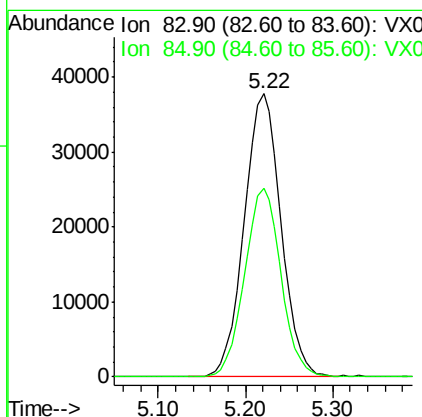
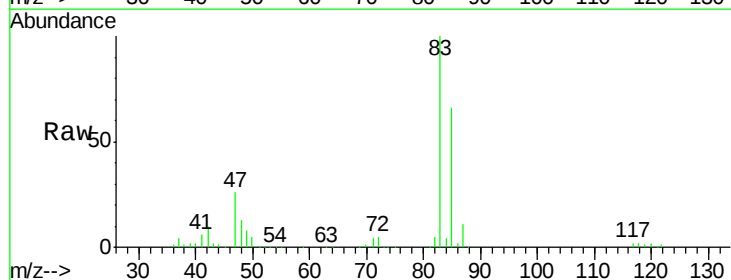
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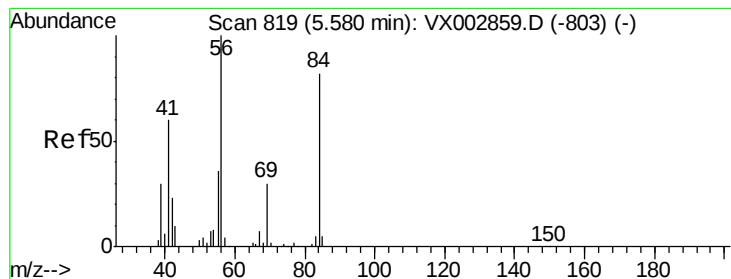
apatel
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#30
Chloroform
Concen: 19.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.4	75.6





#31

Cyclohexane

Concen: 18.42 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

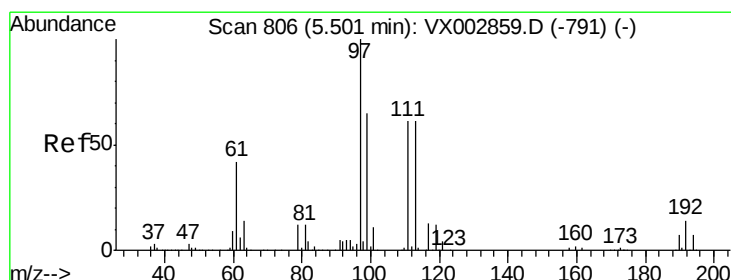
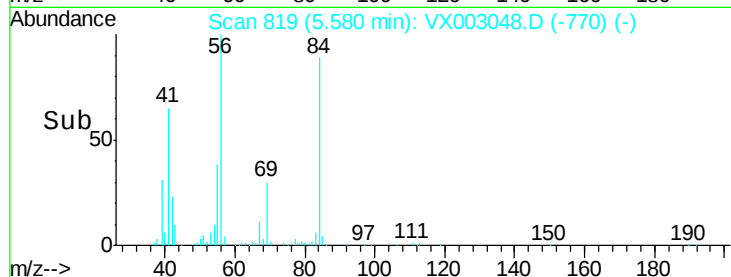
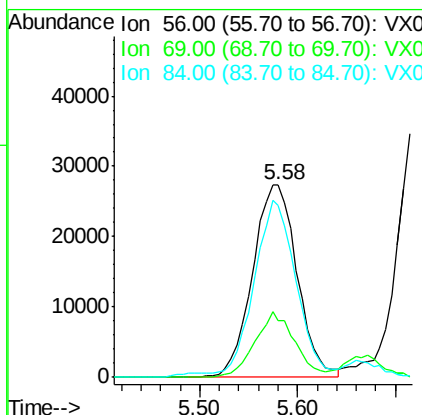
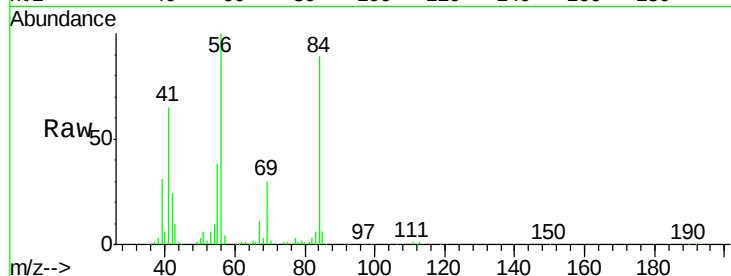
ClientSampleId :

VX0629MBS01

Tot Ion:	56	Resp:	86580
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.7	35.5
84	87.1	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.58 ug/l

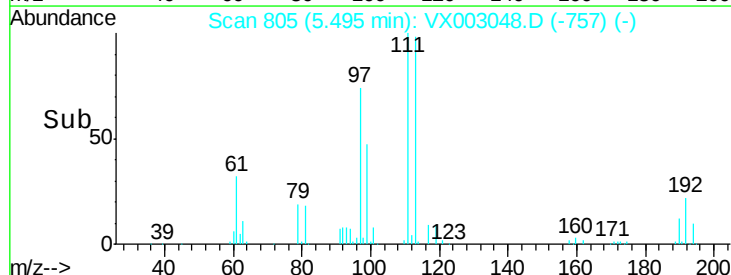
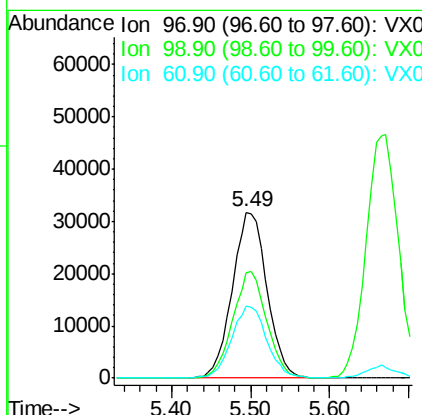
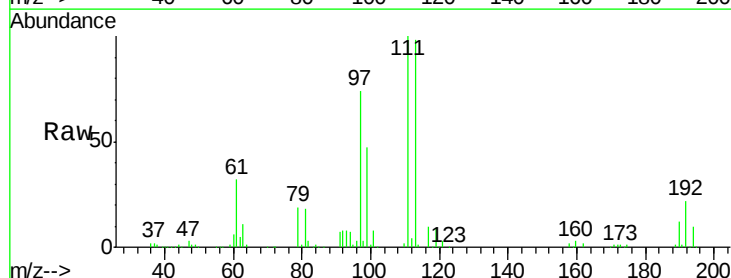
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	97	Resp:	96797
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	44.1	36.4	54.6





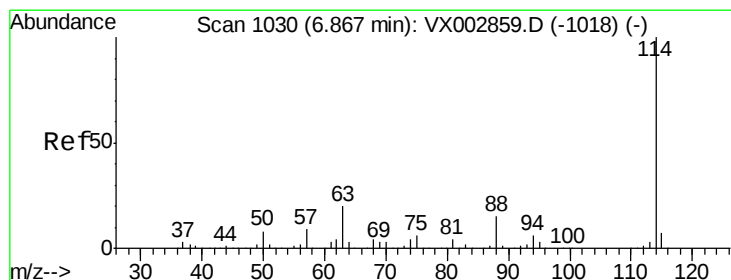
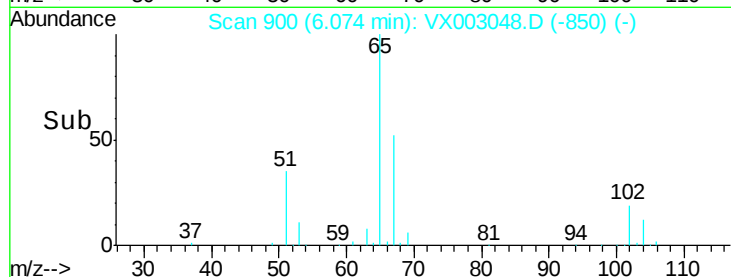
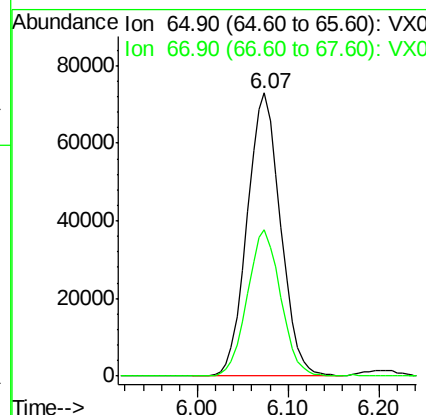
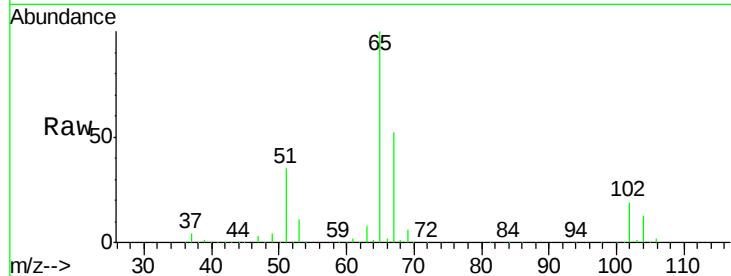
#33
 1,2-Dichloroethane-d4
 Concen: 49.55 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185687		
67	51.7	0.0	102.6	

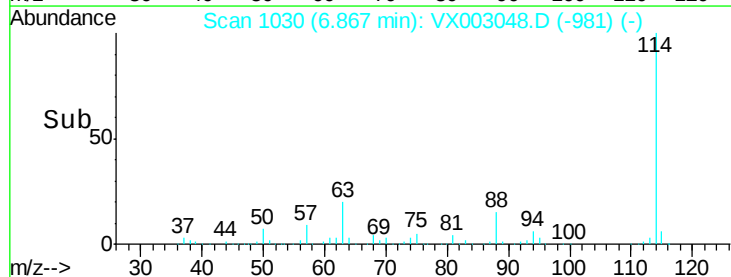
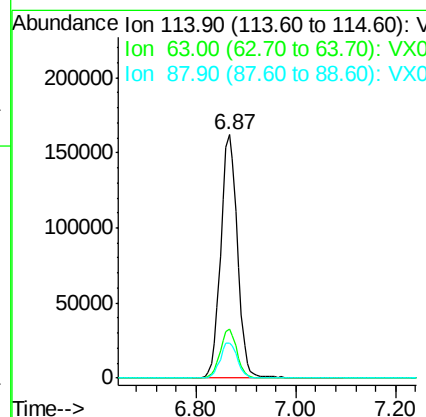
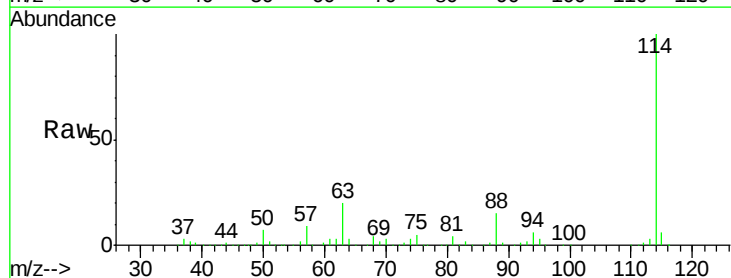
Manual Integrations
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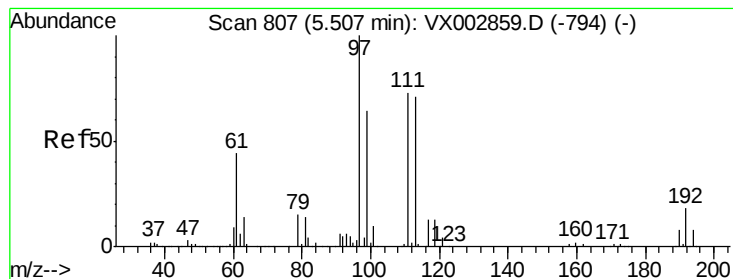
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375838		
63	20.1	0.0	41.4	
88	14.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.91 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

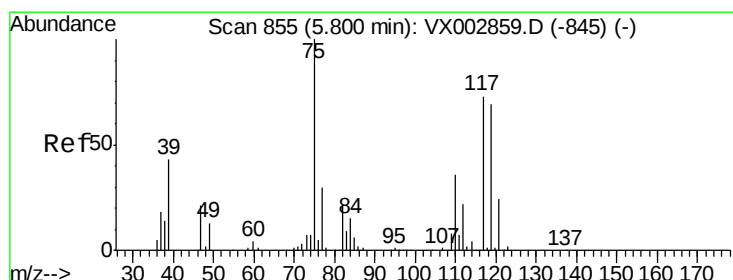
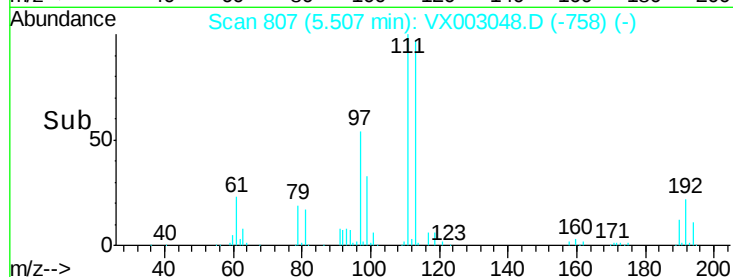
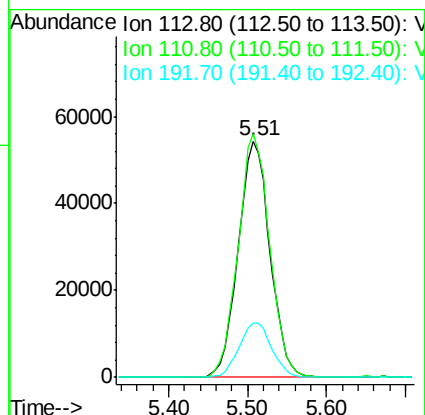
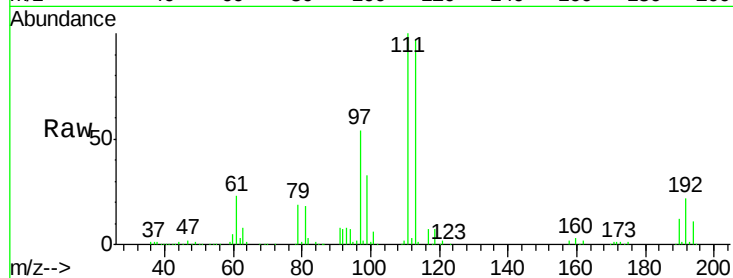
ClientSampleId :

VX0629MBS01

Tot Ion:	113	Resp:	151511
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.4	122.0
192	23.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.16 ug/l

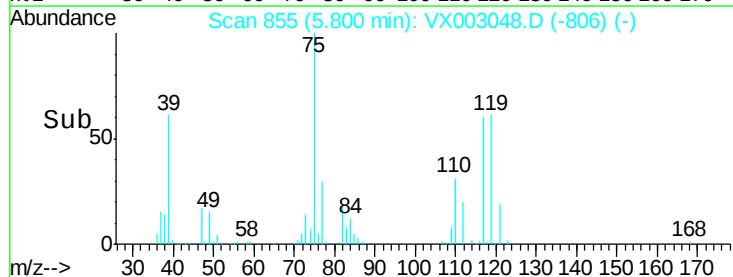
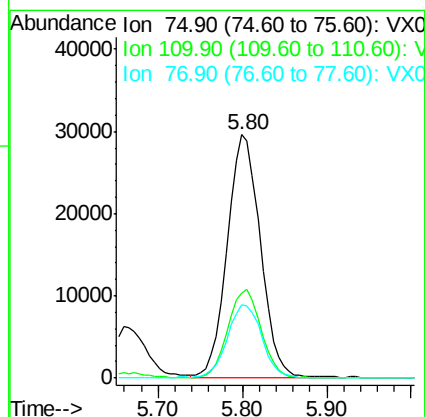
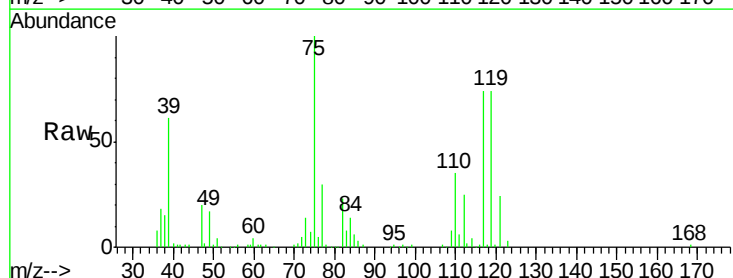
RT: 5.80 min Scan# 855

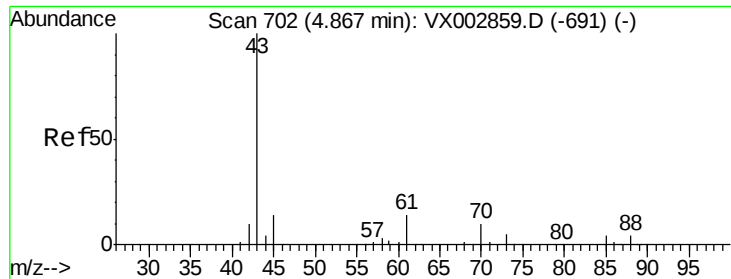
Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	75	Resp:	78971
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.4
77	32.0	24.3	36.5





#37

Ethyl Acetate

Concen: 20.04 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

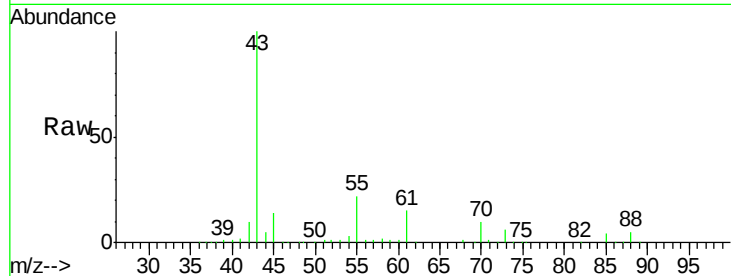
ClientSampled :

VX0629MBS01

Tot Ion:	43	Resp:	88948
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.2	7.6	11.4

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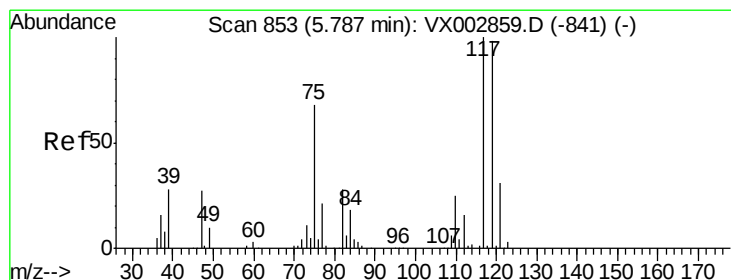
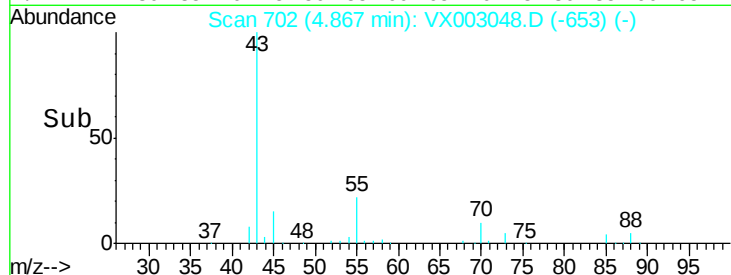
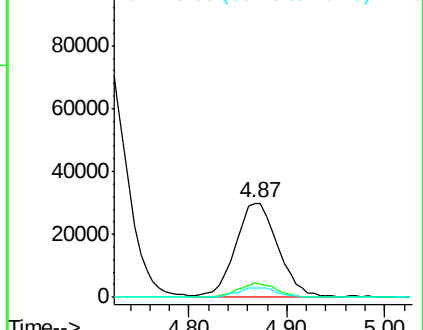
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Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX002859.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX002859.D (-691) (-)



#38

Carbon Tetrachloride

Concen: 18.90 ug/l

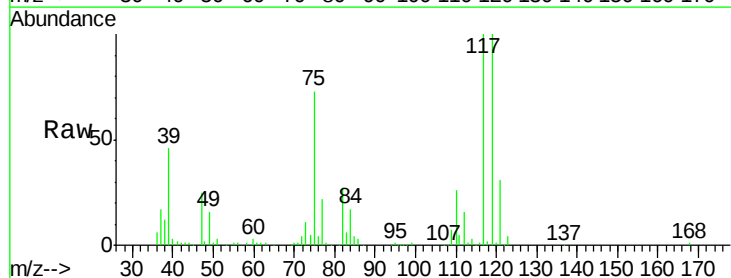
RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

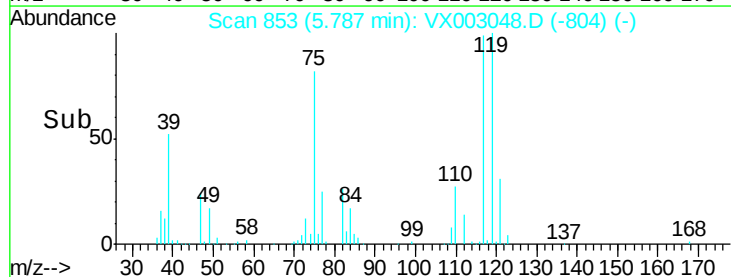
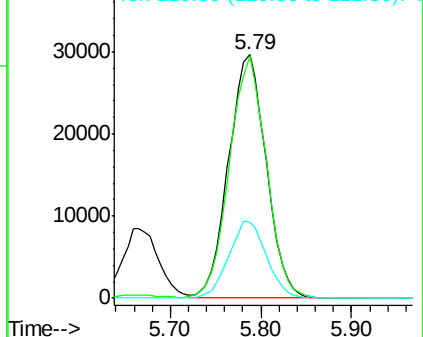
Tgt Ion:	117	Resp:	85486
Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.4	116.0
121	31.2	24.4	36.6

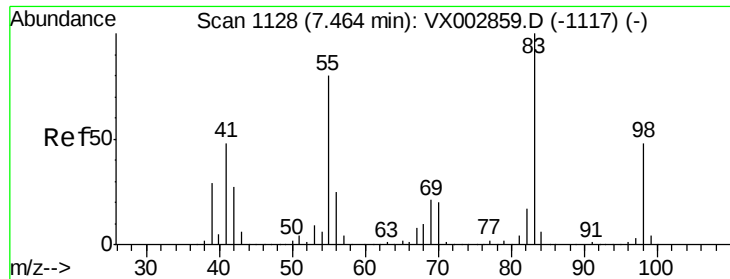


Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX002859.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX002859.D (-841) (-)





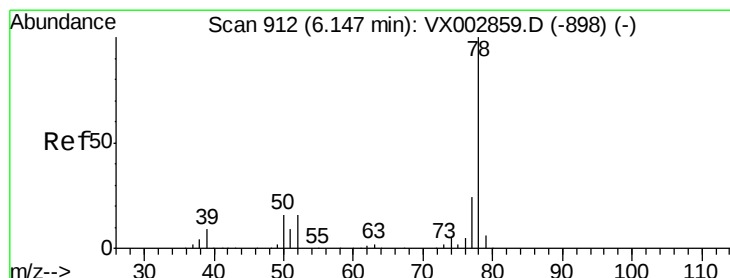
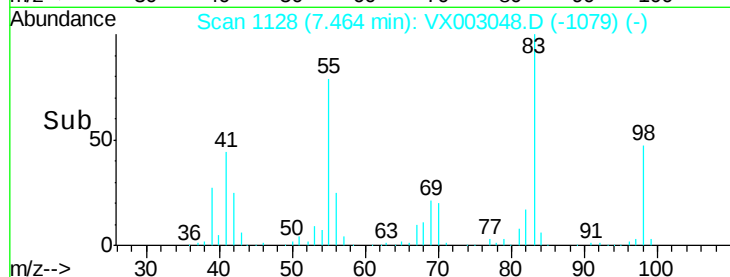
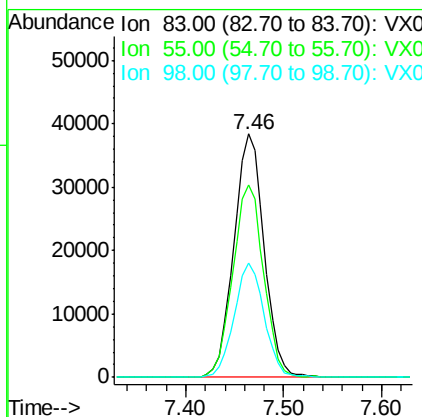
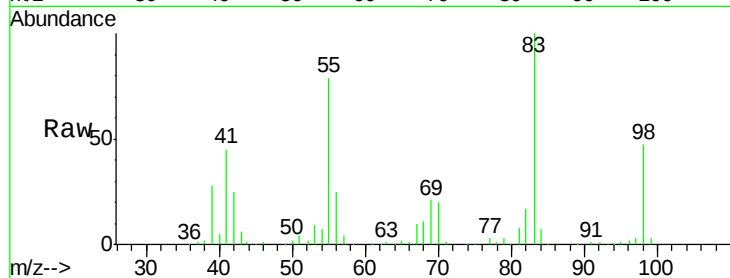
#39
Methvlcvclohexane
Concen: 17.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	65.4	98.0
98	46.9	37.4	56.0

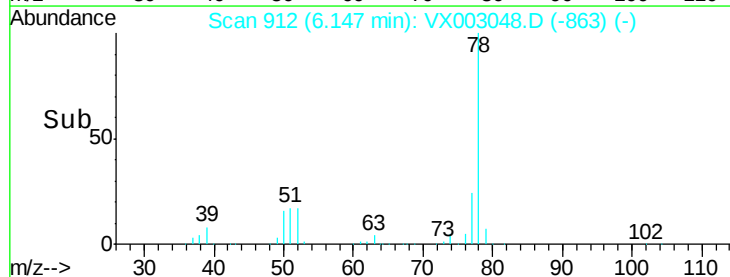
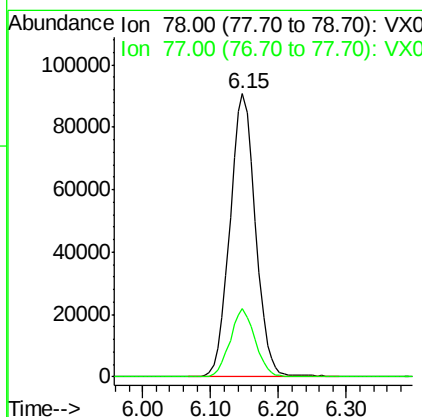
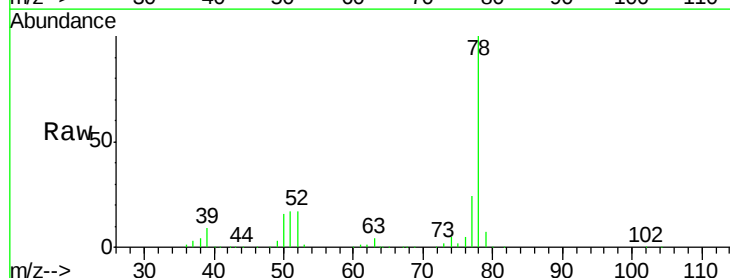
Manual Integrations
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#40
Benzene
Concen: 19.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





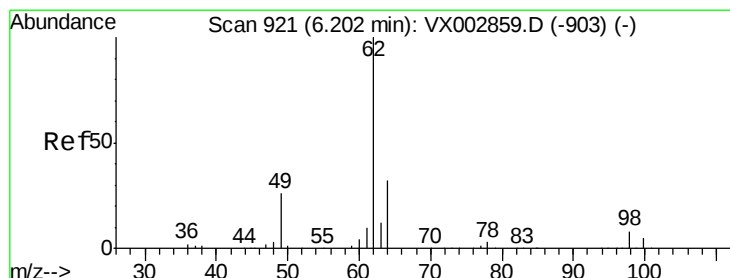
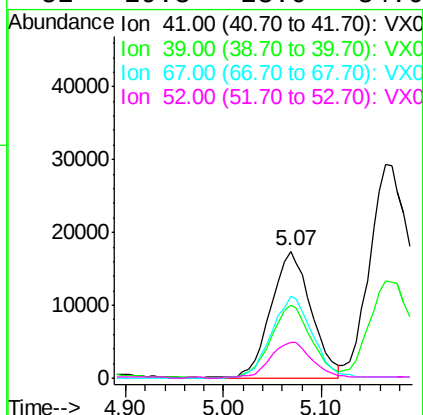
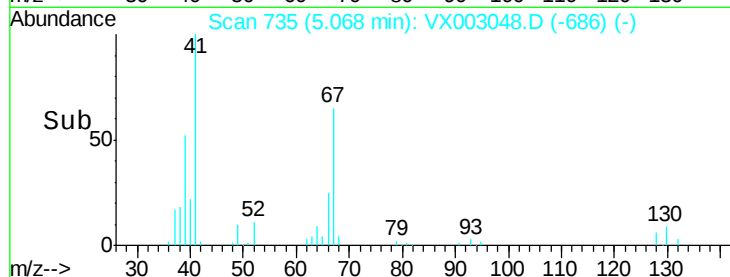
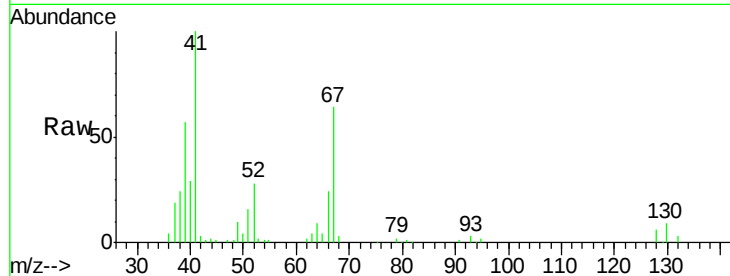
#41
Methacrylonitrile
Concen: 19.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	41	Resp	49624
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.6
67	66.4	51.3	76.9
52	29.3	23.0	34.6

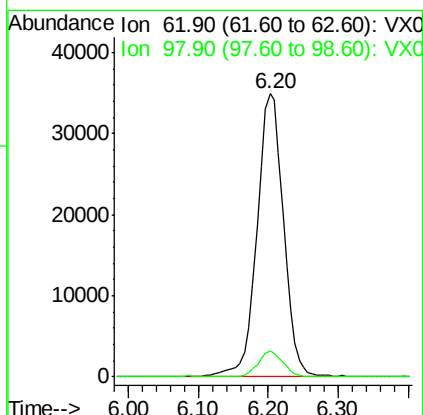
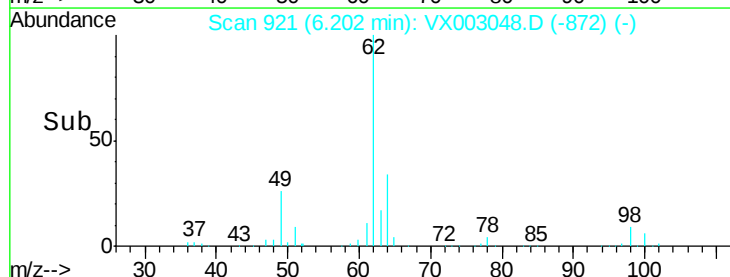
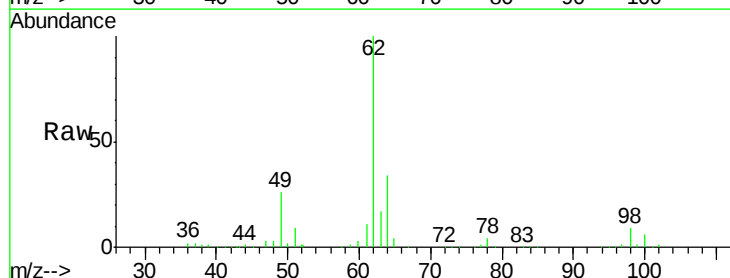
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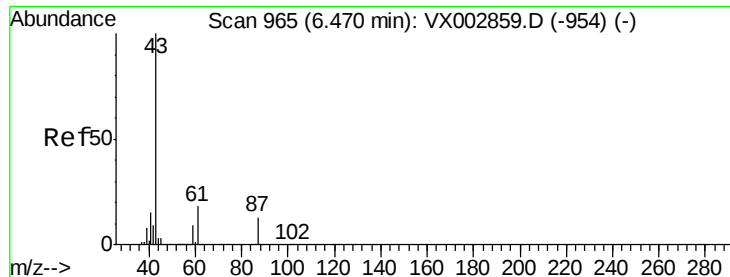
apatel
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#42
1,2-Dichloroethane
Concen: 19.13 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	62	Resp	92529
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

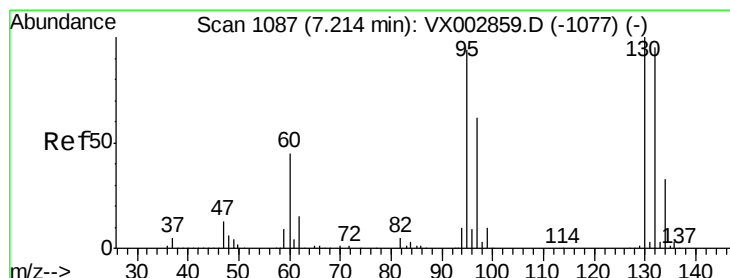
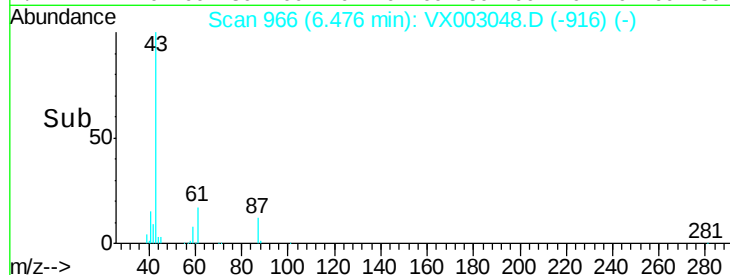
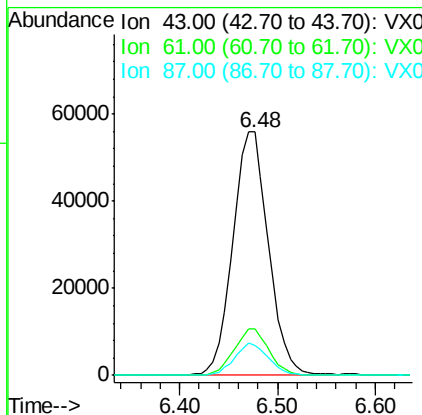
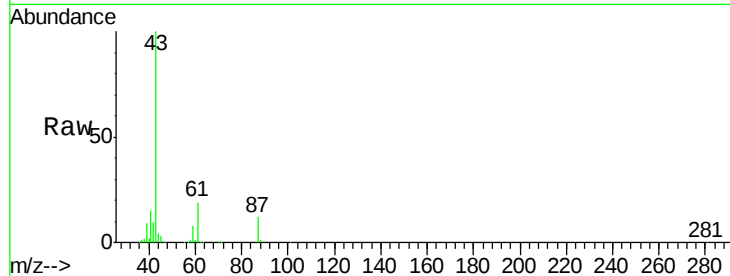
Isopropyl Acetate
 Concen: 18.85 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	12.8	9.5	14.3

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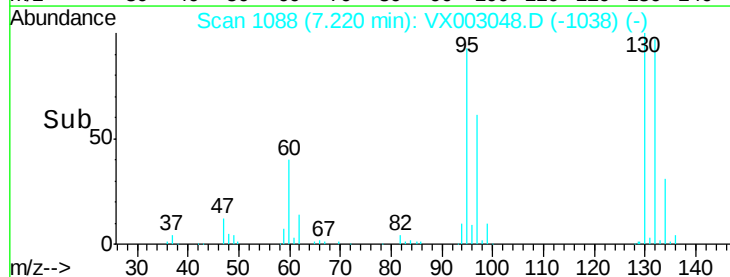
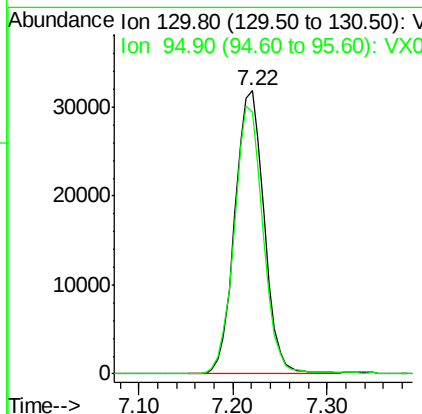
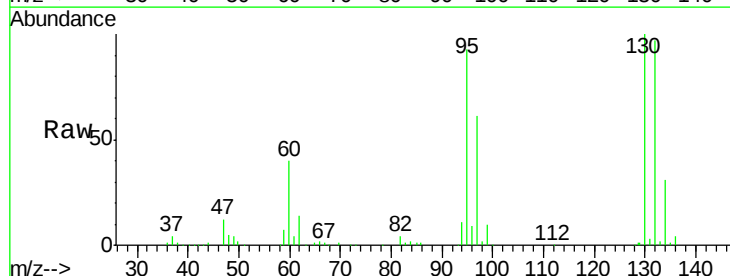
apatel
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#44

Trichloroethene
 Concen: 19.32 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.4





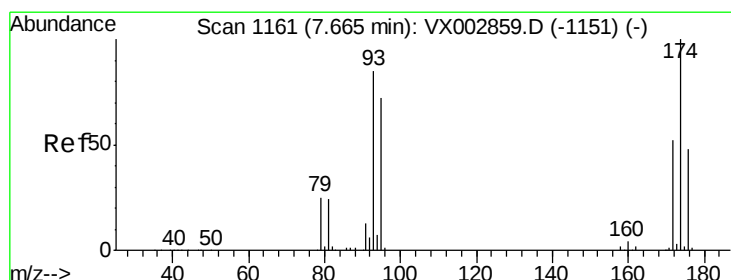
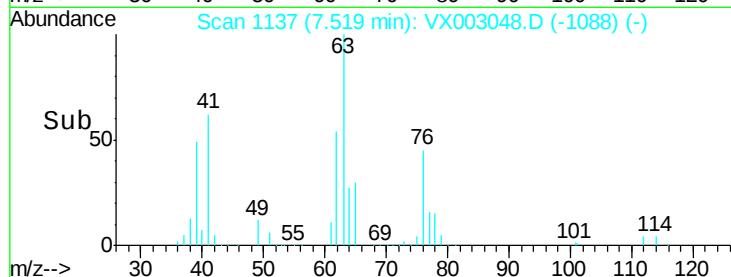
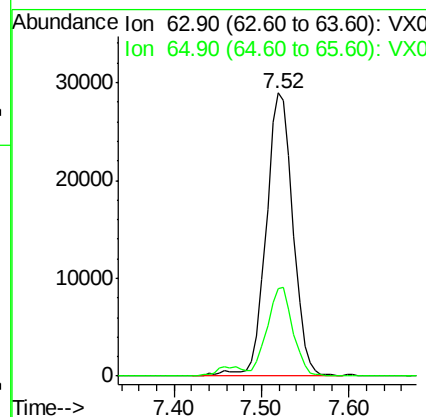
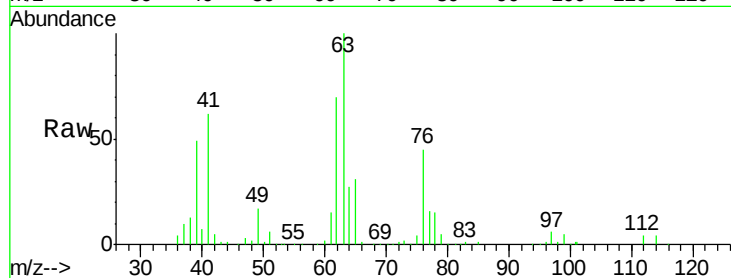
#45
 1,2-Dichloropropane
 Concen: 19.49 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Tot Ion: 63 Resp: 61906
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

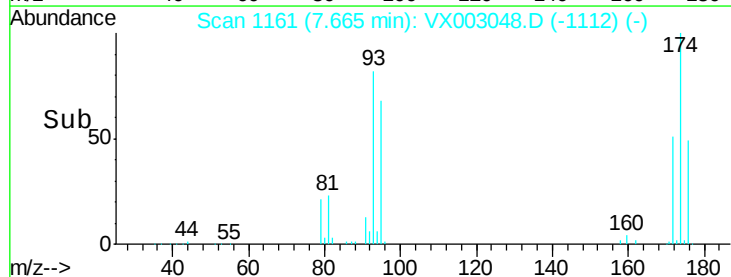
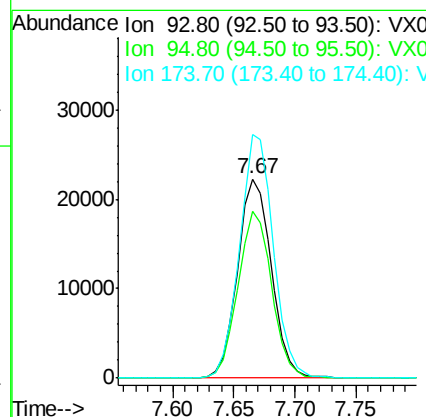
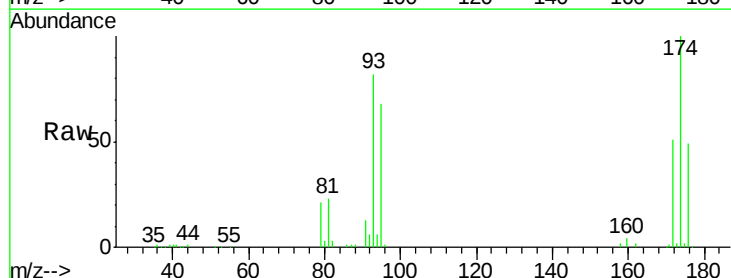
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#46
 Dibromomethane
 Concen: 19.33 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion: 93 Resp: 42605
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 122.7 92.4 138.6





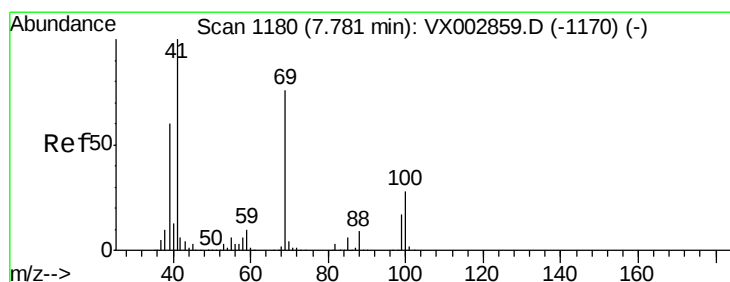
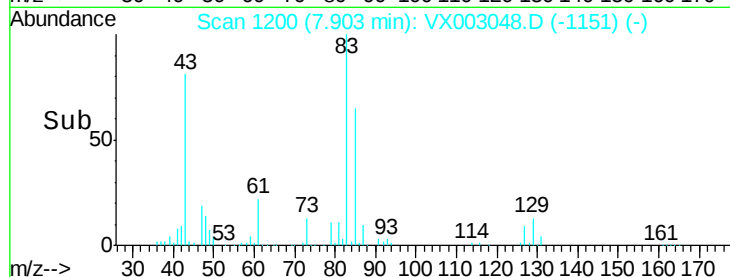
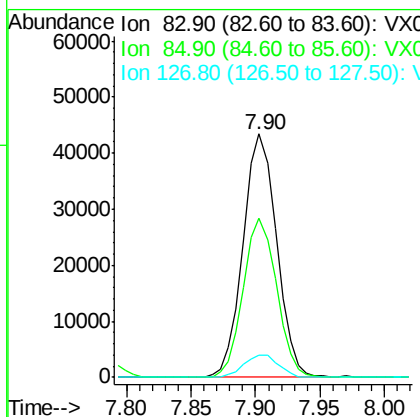
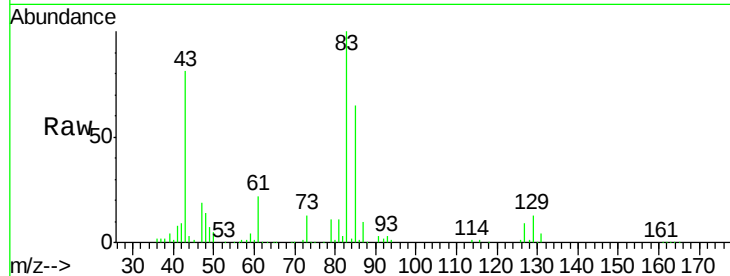
#47
Bromodichloromethane
Concen: 19.26 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	83	Resp	78487
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	50.3	75.5
127	9.3	7.0	10.4

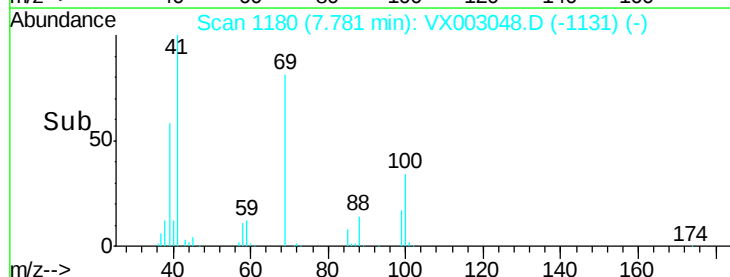
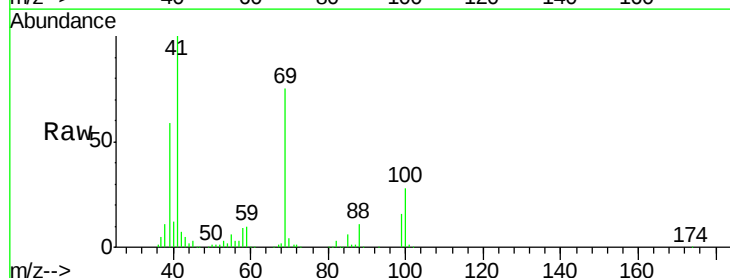
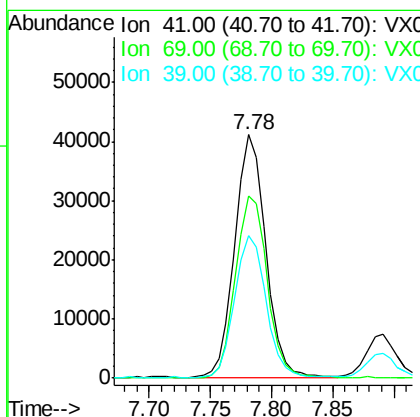
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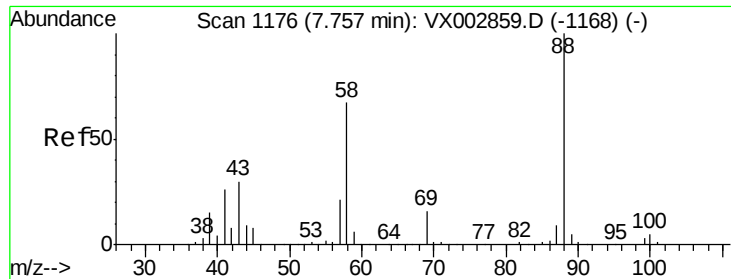
apatel
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#48
Methyl methacrylate
Concen: 18.79 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	41	Resp	72075
Ion Ratio	100	Lower	Upper
41	100		
69	77.4	59.1	88.7
39	59.5	48.9	73.3





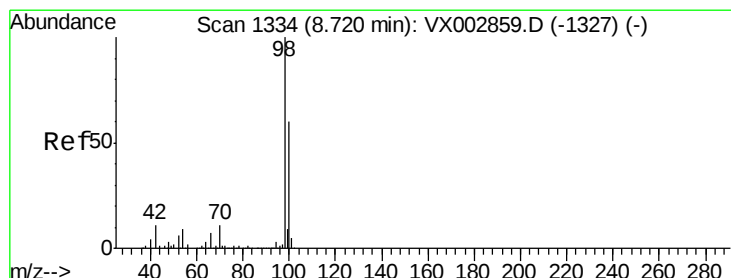
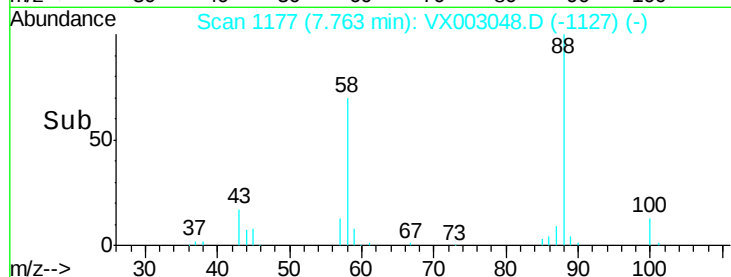
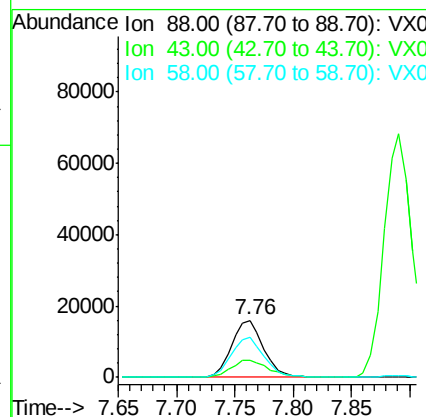
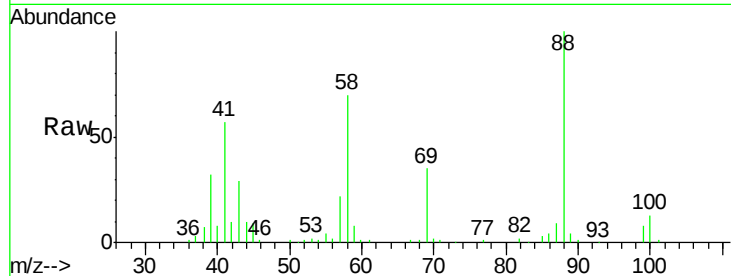
#49
1,4-Dioxane
Concen: 408.97 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	29.8	44.6
58	71.3	57.1	85.7

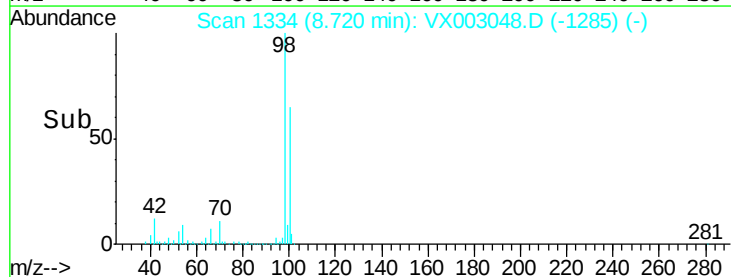
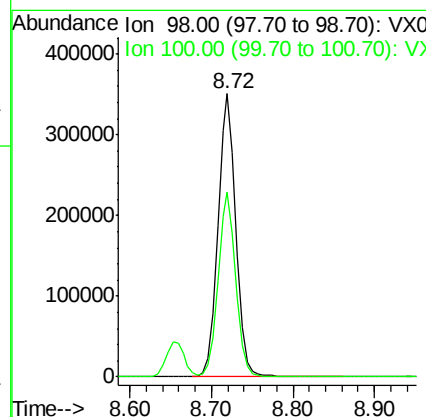
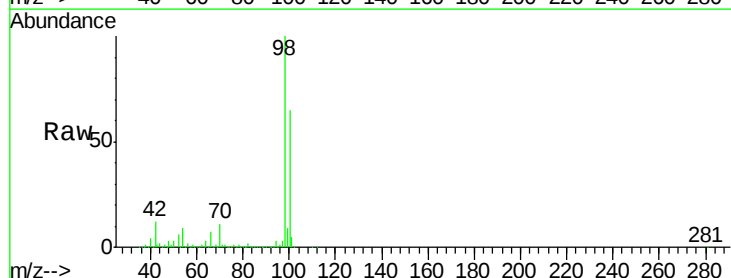
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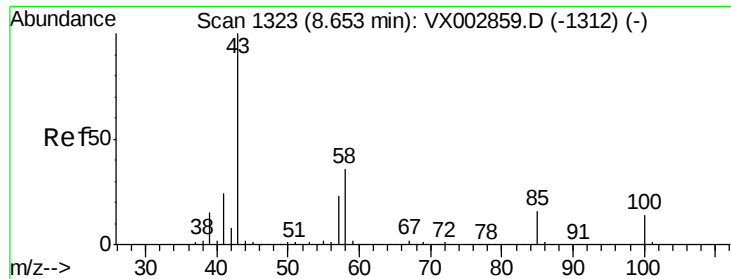
apatel
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#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 100.06 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

VX0629MBS01

Tot Ion: 43 Resp: 465940

Ion Ratio Lower Upper

43 100

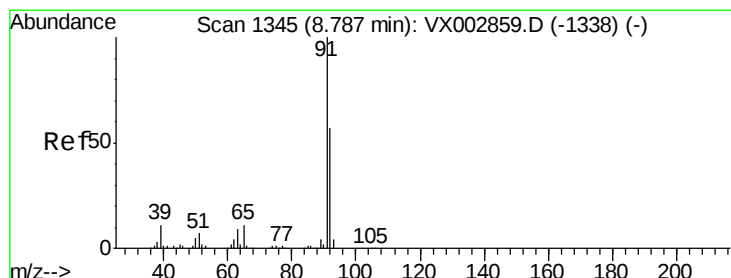
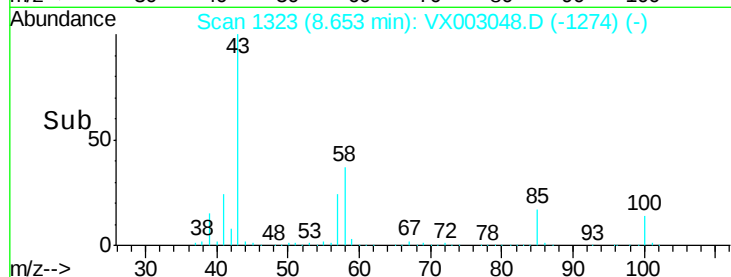
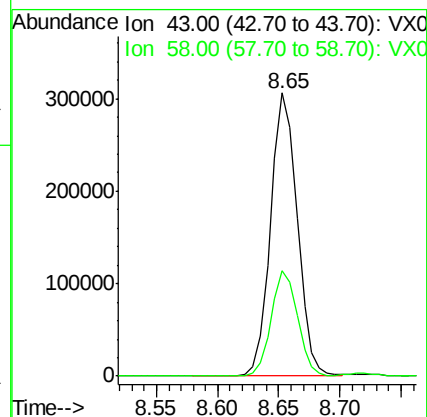
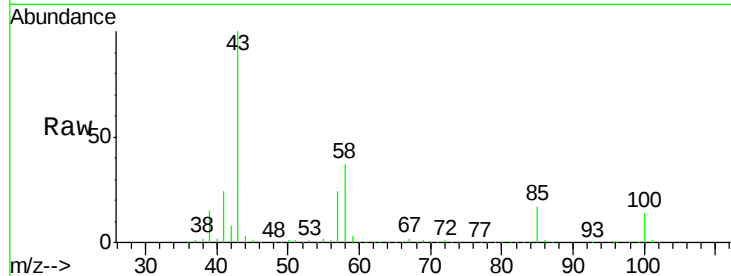
58 37.0 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 19.66 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003048.D

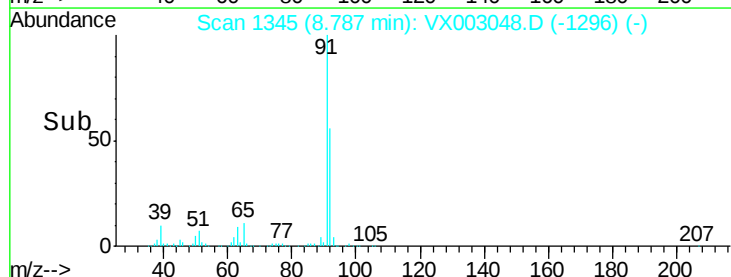
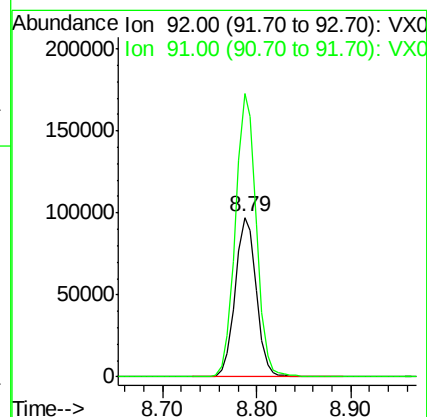
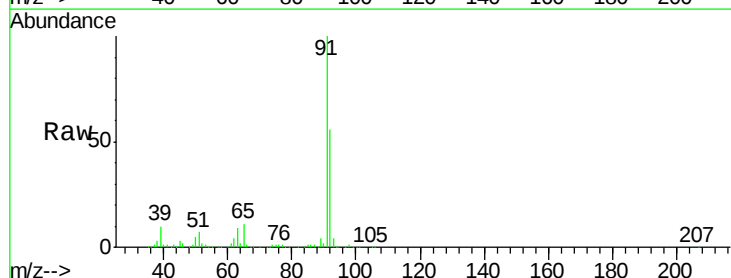
Acq: 30 Jun 2018 00:17

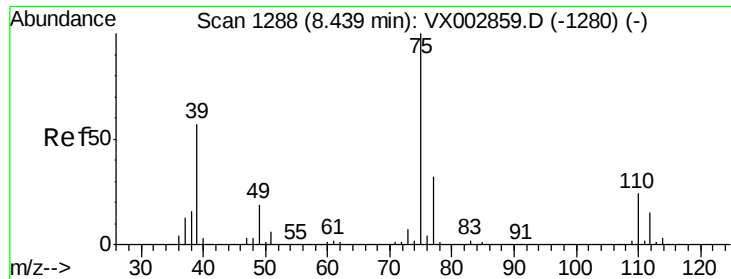
Tgt Ion: 92 Resp: 150855

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6





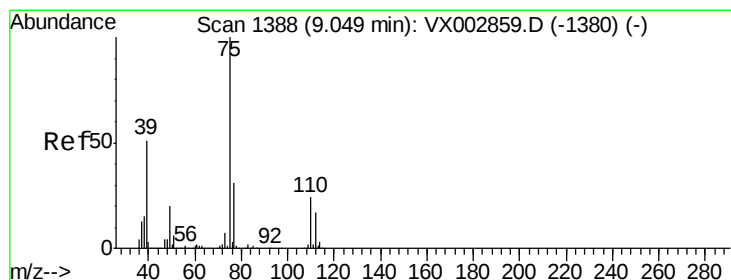
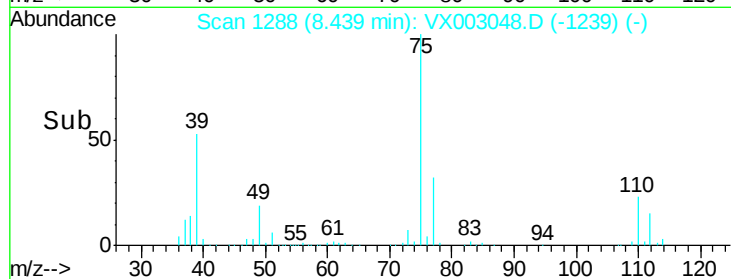
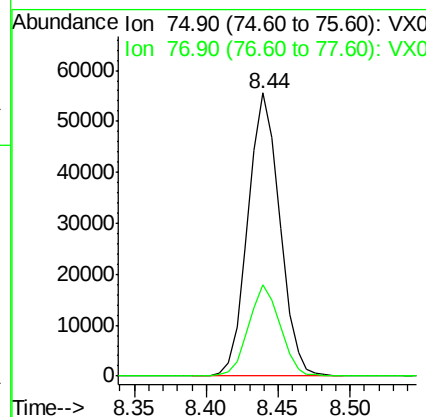
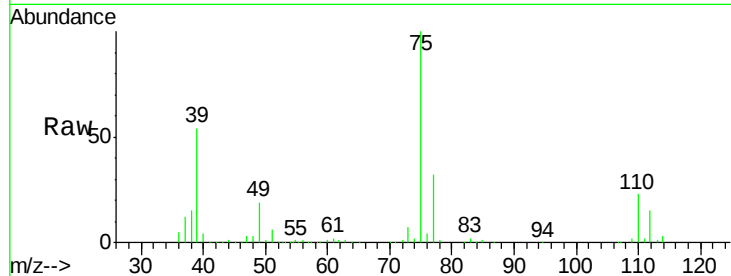
#53
t-1,3-Dichloropropene
Concen: 18.45 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion: 75 Resp: 85141
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

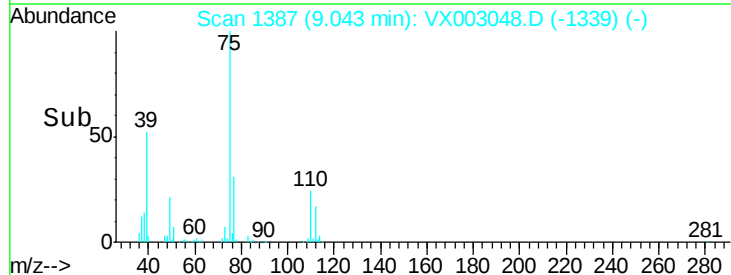
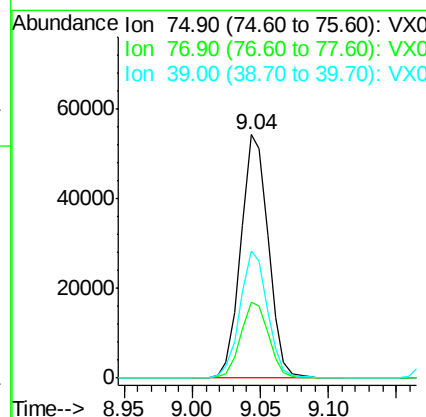
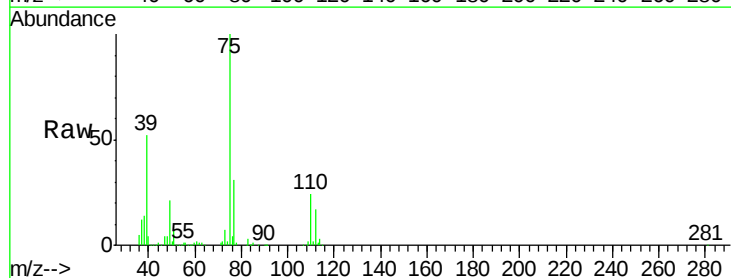
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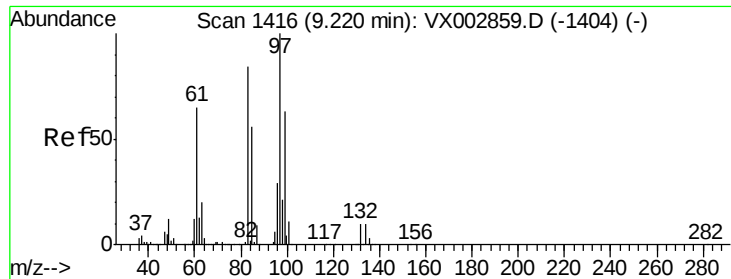
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#54
cis-1,3-Dichloropropene
Concen: 17.31 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion: 75 Resp: 76885
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 52.2 42.4 63.6





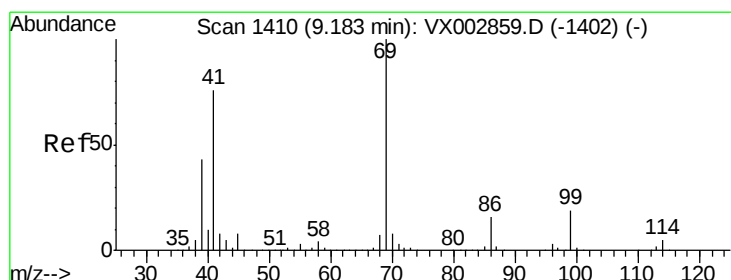
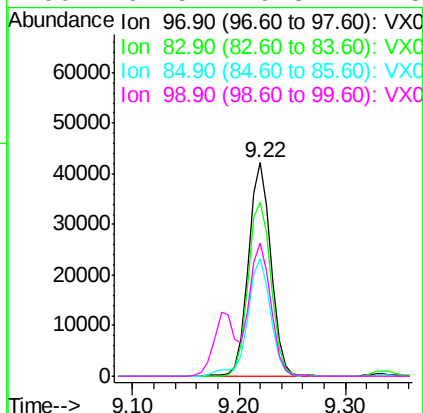
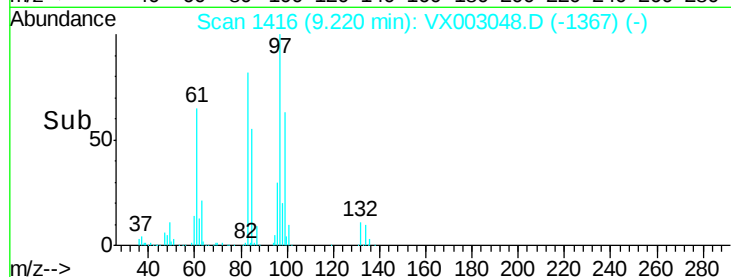
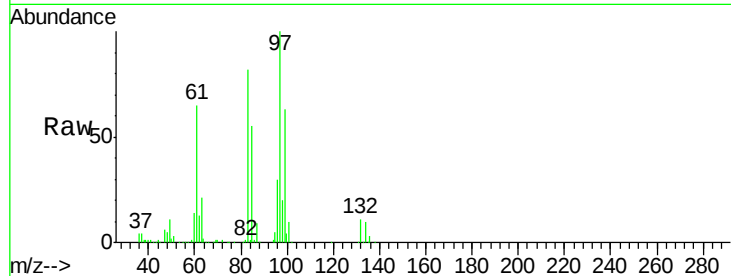
#55
 1,1,2-Trichloroethane
 Concen: 19.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Tot Ion:	97	Resp:	62754
Ion	Ratio	Lower	Upper
97	100		
83	81.8	70.2	105.2
85	55.3	44.9	67.3
99	62.5	49.8	74.8

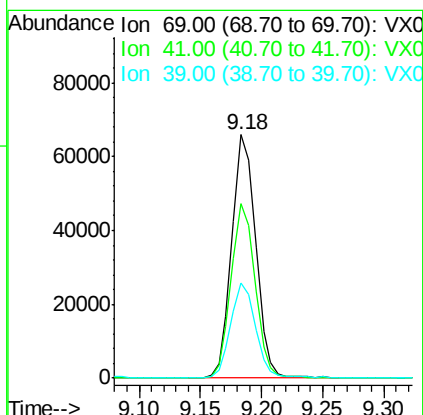
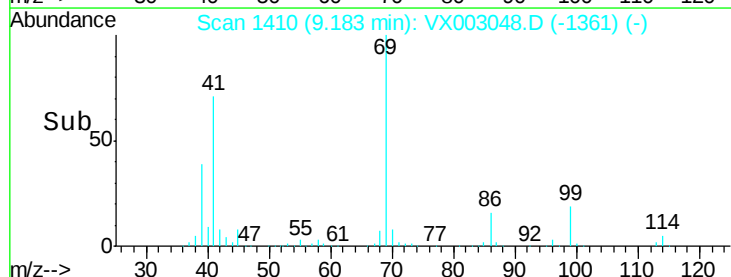
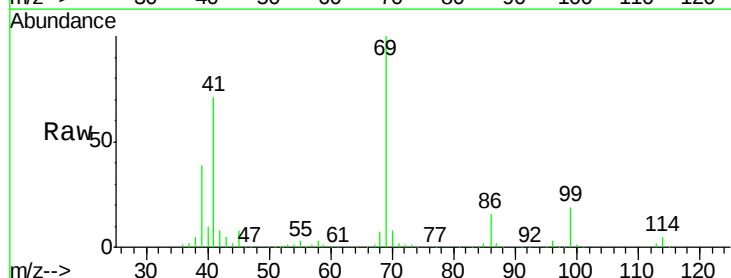
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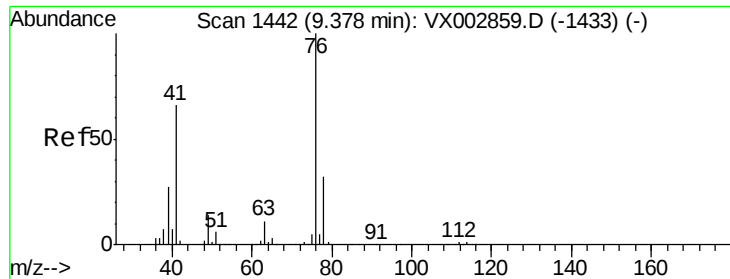
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#56
 Ethyl methacrylate
 Concen: 19.48 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion:	69	Resp:	89768
Ion	Ratio	Lower	Upper
69	100		
41	71.5	60.3	90.5
39	40.0	35.8	53.8





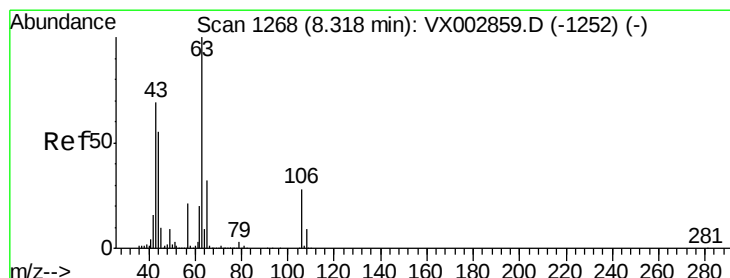
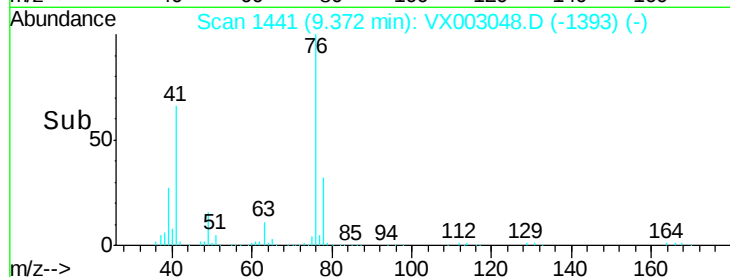
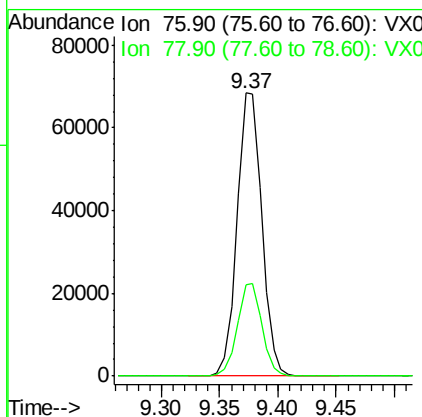
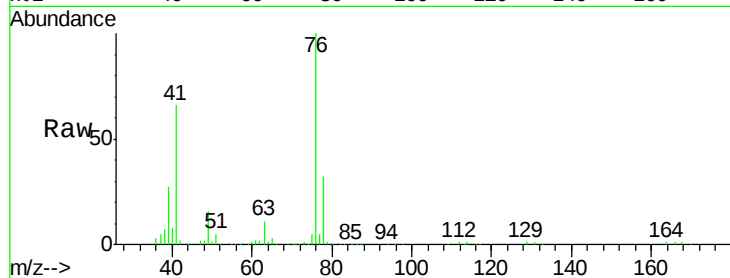
#57
 1,3-Dichloropropane
 Concen: 19.66 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBS01

Tot Ion: 76 Resp: 101783
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6

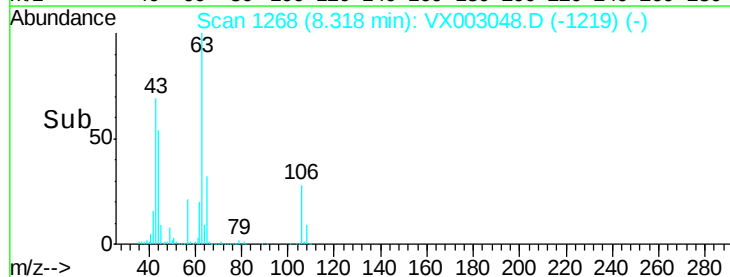
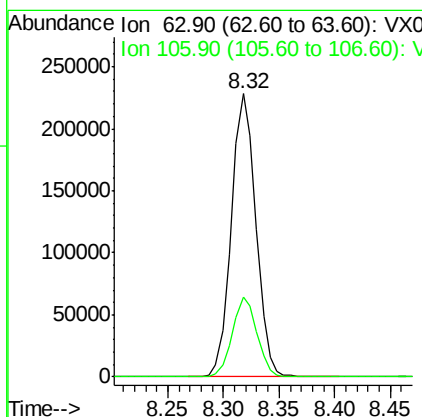
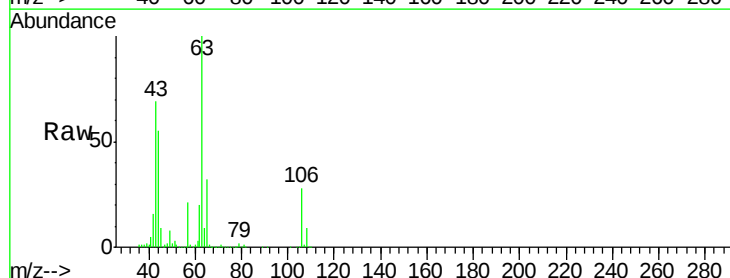
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 156.72 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion: 63 Resp: 348339
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8





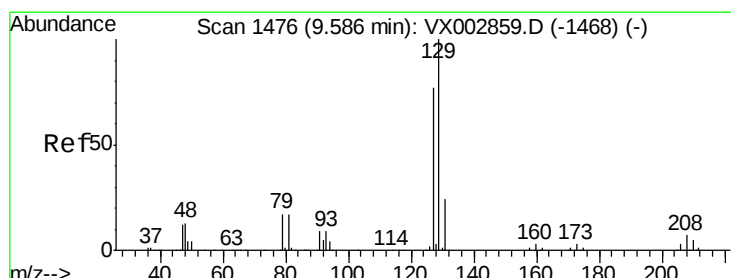
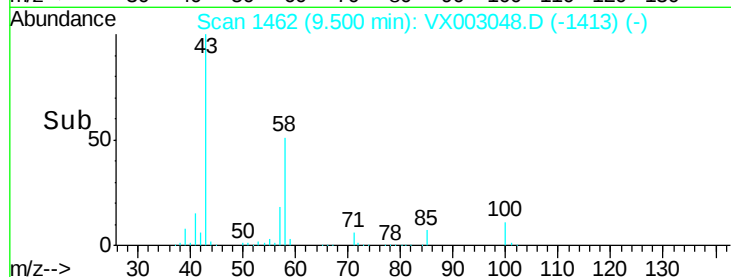
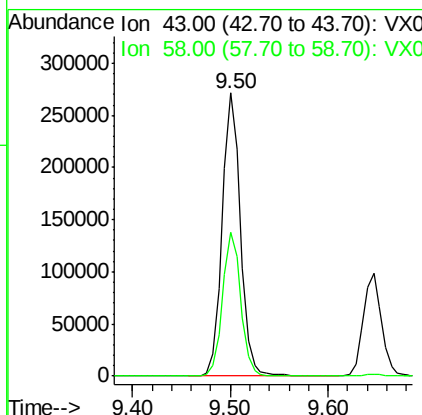
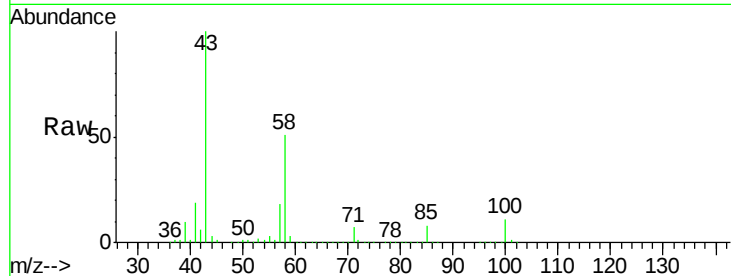
#59
2-Hexanone
Concen: 99.28 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion: 43 Resp: 351339
Ion Ratio Lower Upper
43 100
58 51.0 24.6 73.6

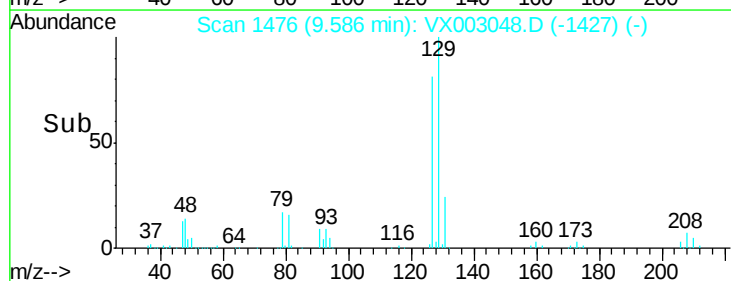
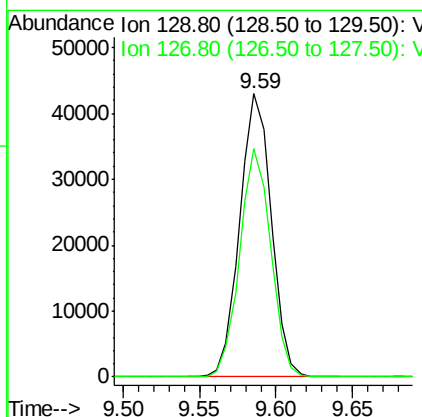
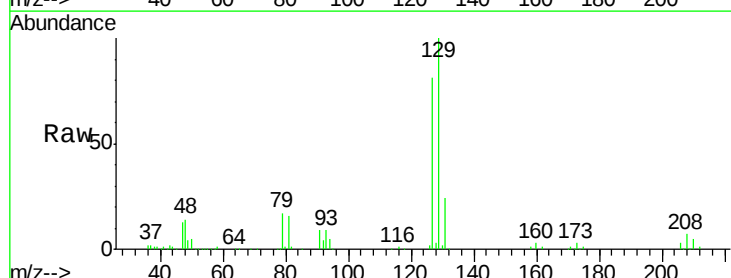
Manual Integrations
APPROVED

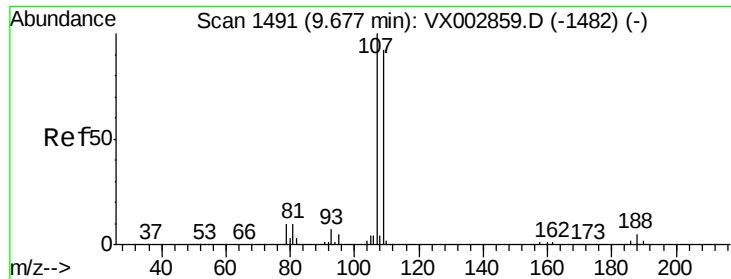
apatel
7/2/2018 4:15:41 PM



#60
Dibromochloromethane
Concen: 18.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion: 129 Resp: 61731
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion: 107 Resp: 65239

Ion Ratio Lower Upper

107 100

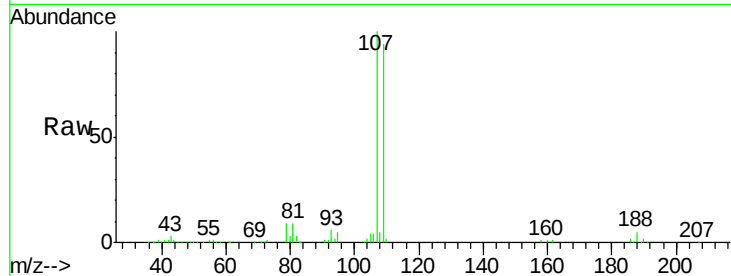
109 94.8 75.3 112.9

Manual Integrations

APPROVED

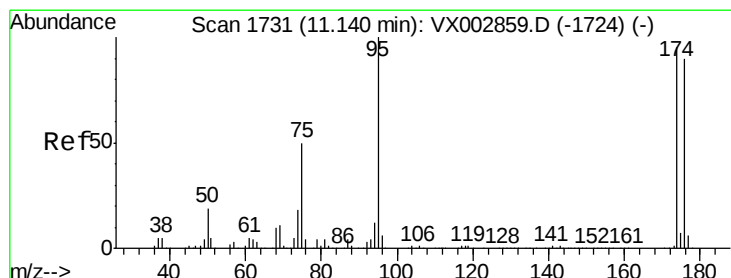
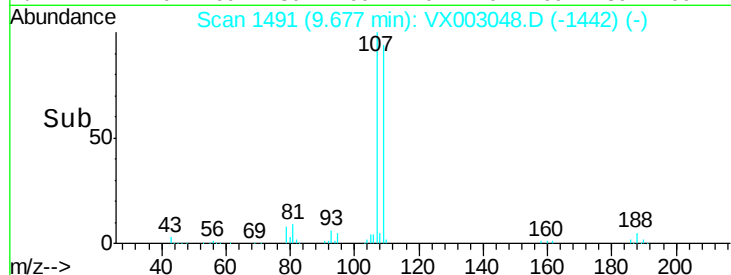
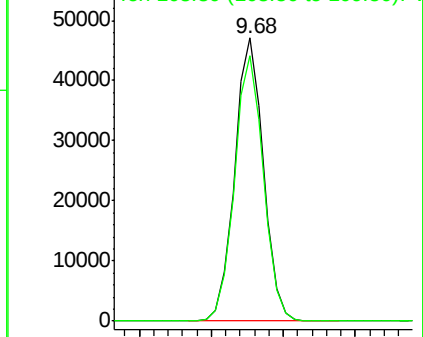
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

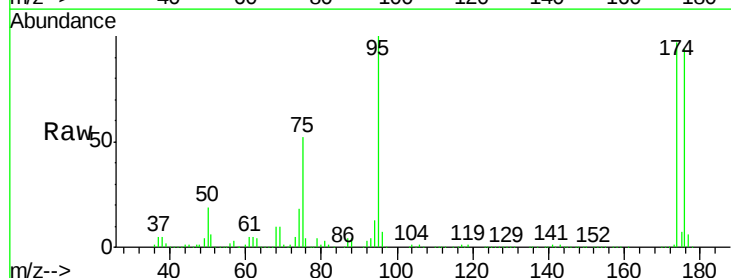
Tgt Ion: 95 Resp: 203533

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

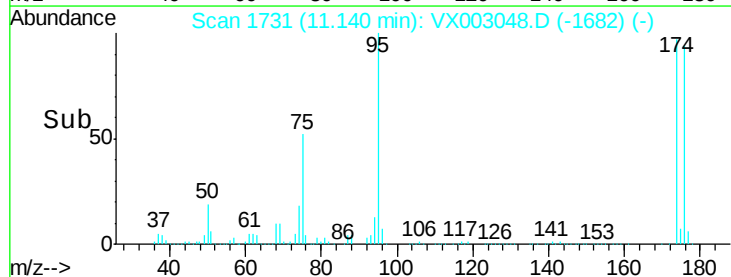
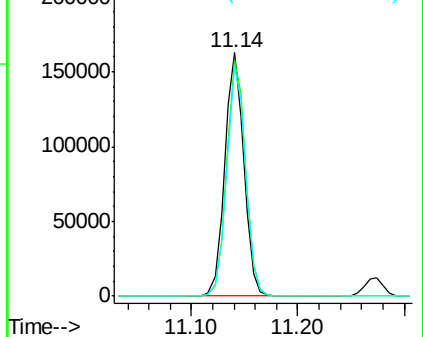
176 94.4 0.0 181.0

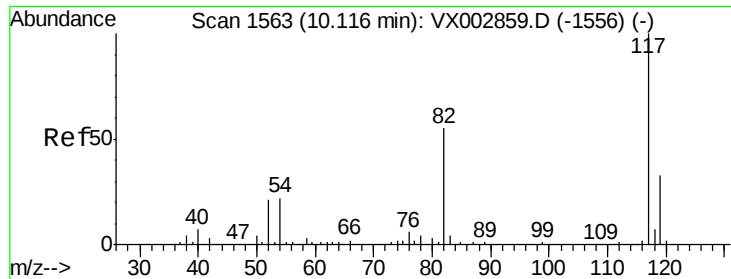


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





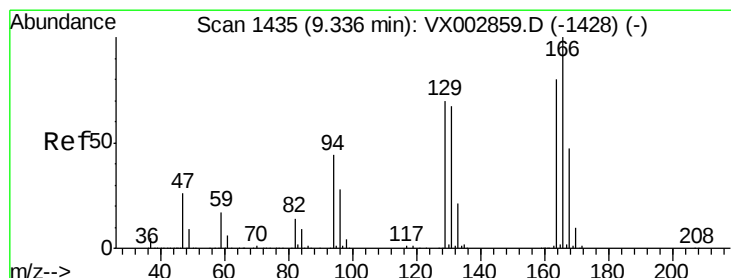
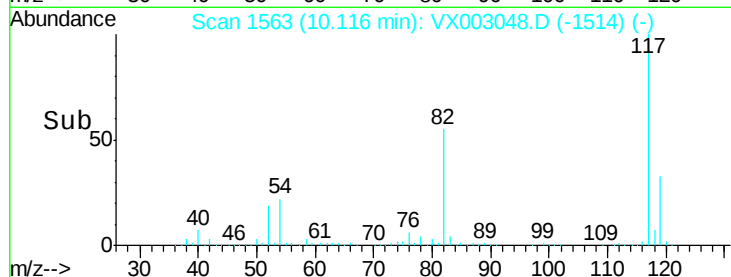
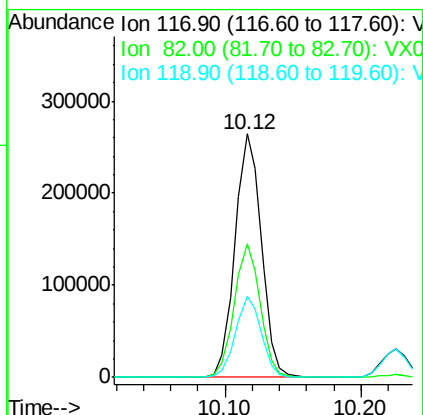
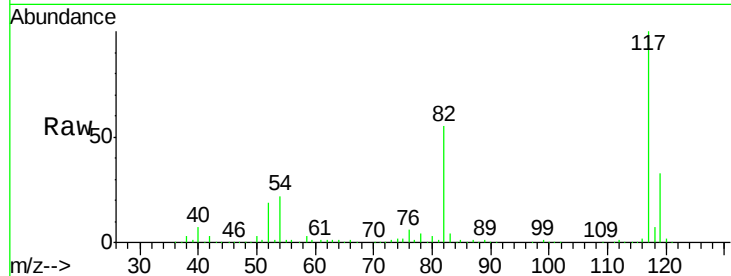
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	33.1	25.8	38.6

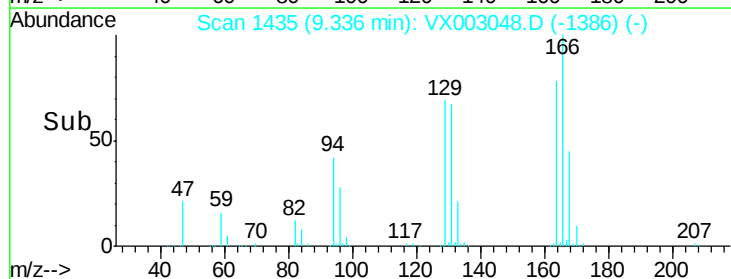
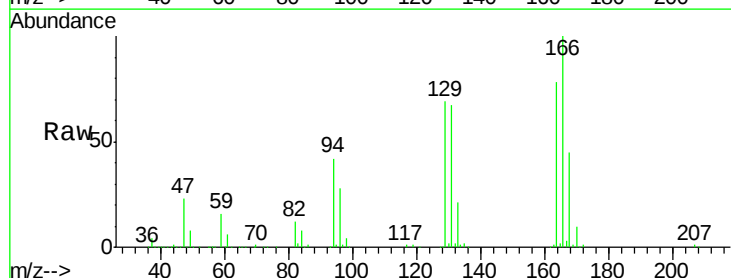
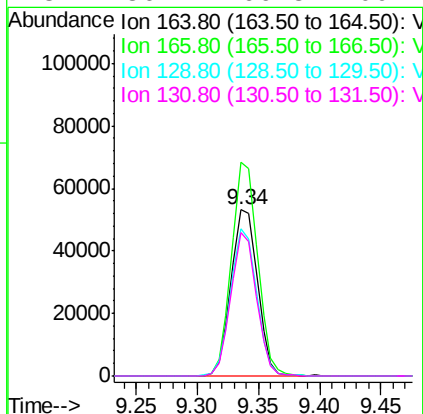
Manual Integrations
APPROVED

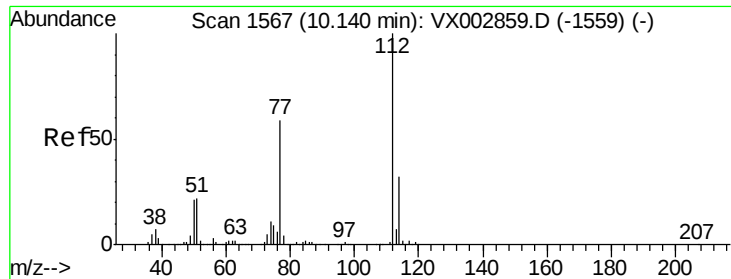
apatel
7/2/2018 4:15:41 PM



#64
Tetrachloroethene
Concen: 20.00 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.9	154.3
129	88.9	68.6	102.8
131	86.4	66.8	100.2





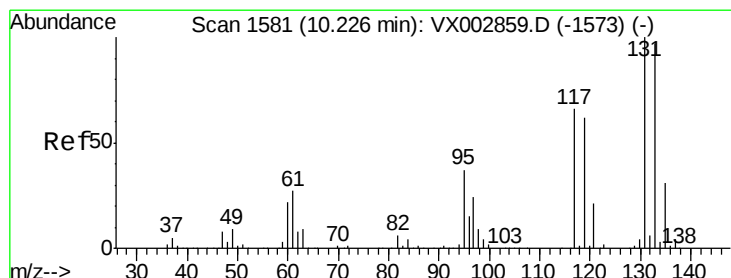
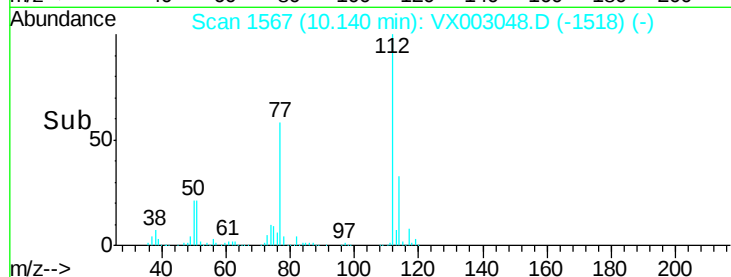
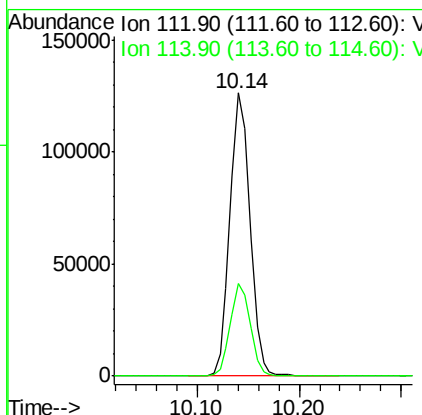
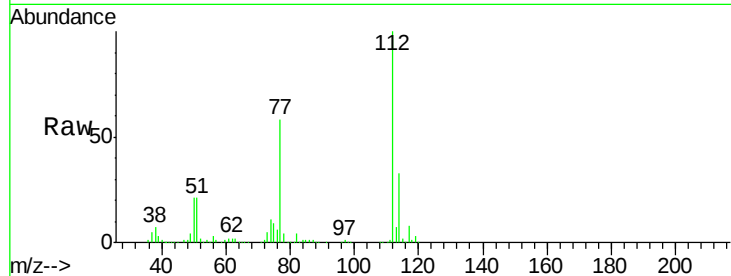
#65
Chlorobenzene
Concen: 19.04 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampled :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.3	37.9

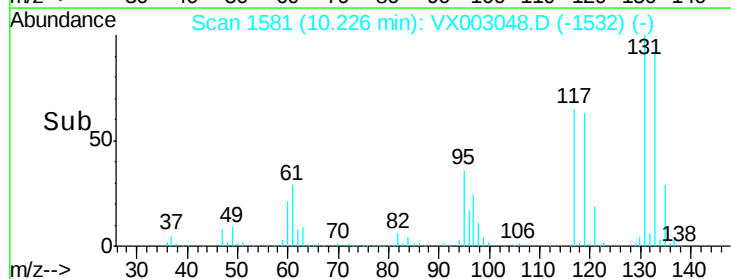
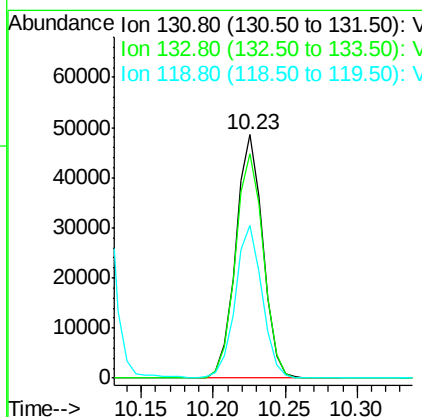
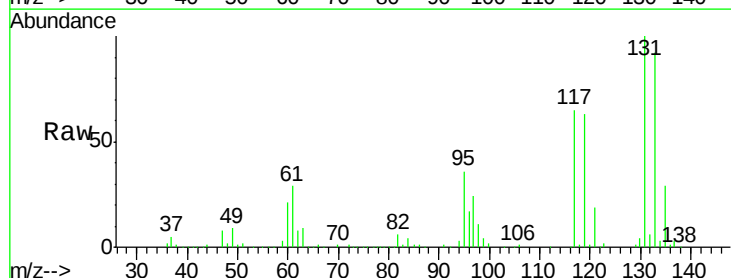
Manual Integrations
APPROVED

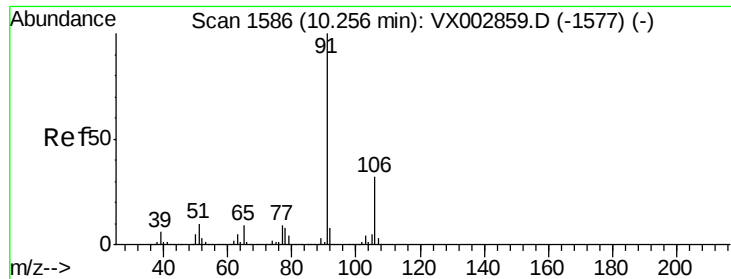
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.32 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.9	143.6
119	62.6	31.8	95.3





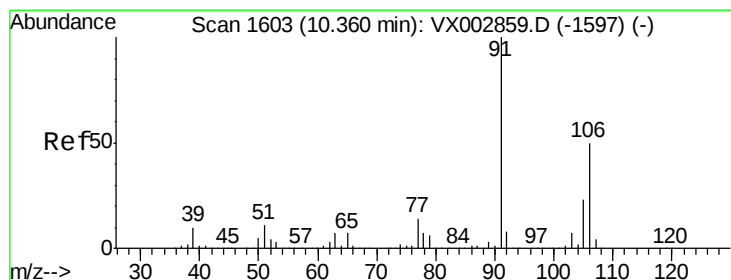
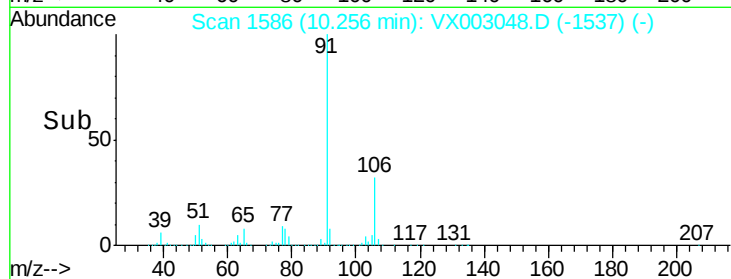
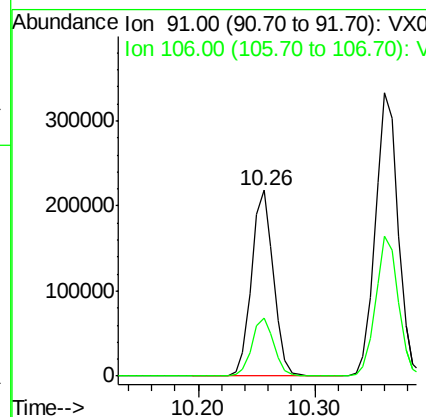
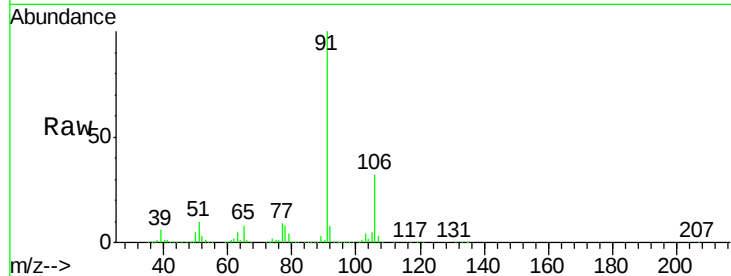
#67
Ethyl Benzene
Concen: 19.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampled :
VX0629MBS01

Tot Ion: 91 Resp: 286967
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

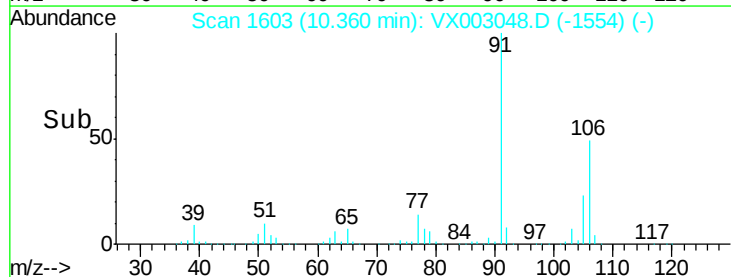
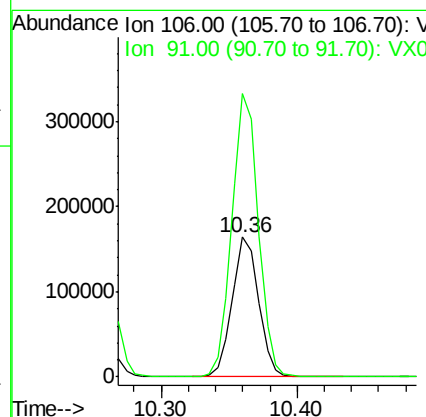
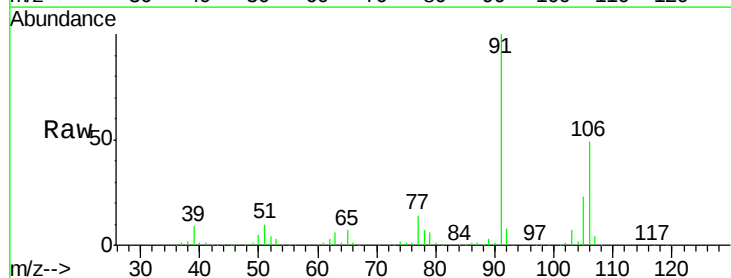
Manual Integrations
APPROVED

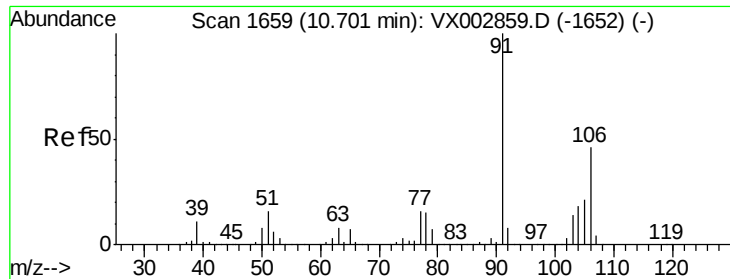
apatel
7/2/2018 4:15:41 PM



#68
m/p-Xylenes
Concen: 38.46 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion: 106 Resp: 221997
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2





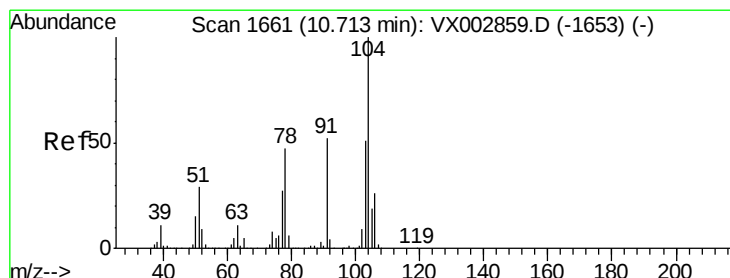
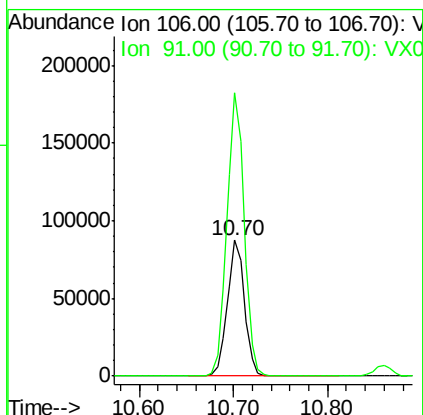
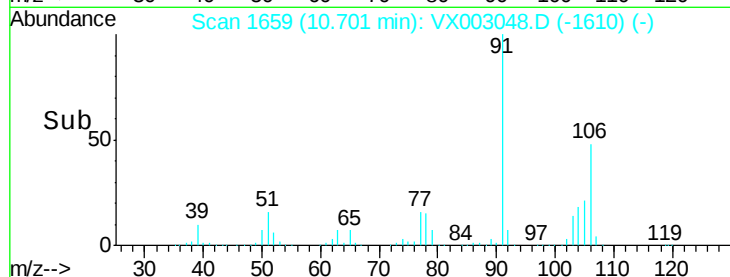
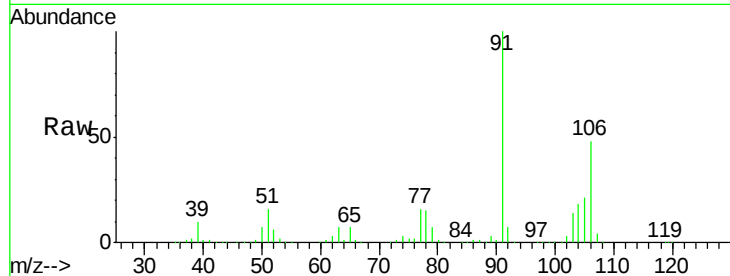
#69
o-Xylene
Concen: 19.53 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion:106 Resp: 109763
Ion Ratio Lower Upper
106 100
91 212.1 108.2 324.6

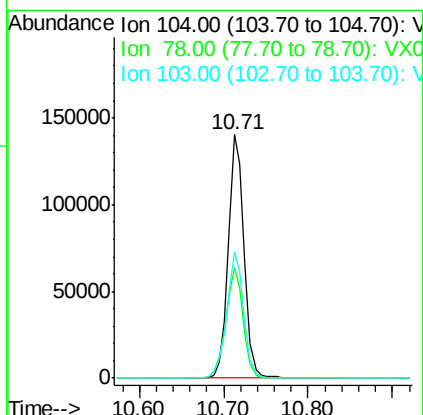
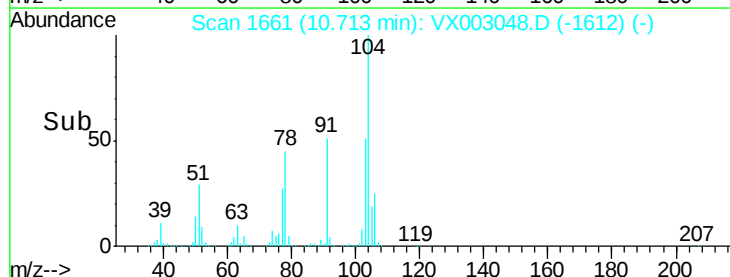
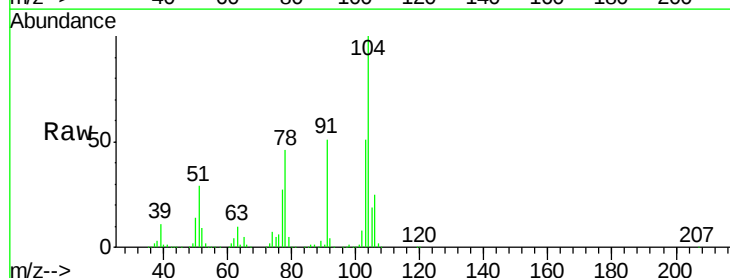
Manual Integrations
APPROVED

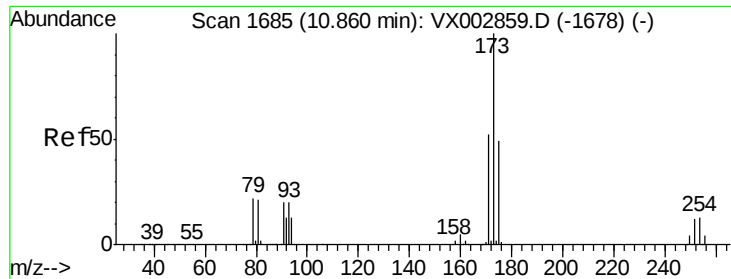
apatel
7/2/2018 4:15:41 PM



#70
Styrene
Concen: 19.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion:104 Resp: 180688
Ion Ratio Lower Upper
104 100
78 50.2 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 18.95 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

VX0629MBS01

Tot Ion:173 Resp: 48552

Ion Ratio Lower Upper

173 100

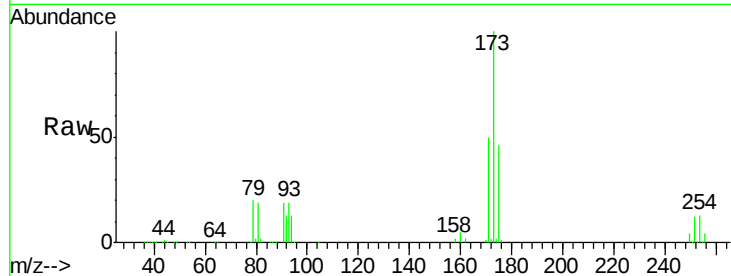
175 47.1 24.7 74.1

254 0.2 0.2 0.2

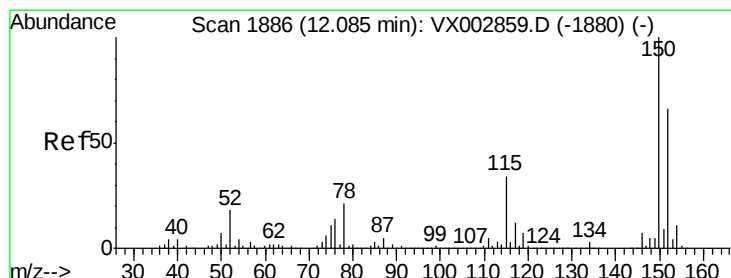
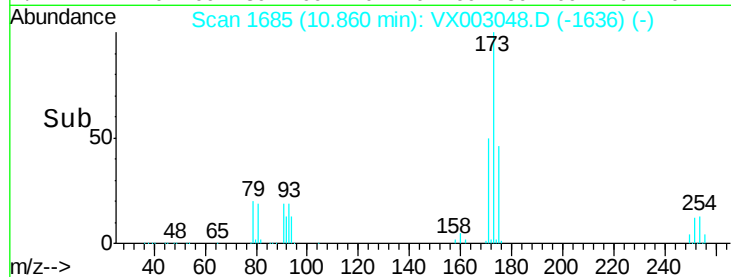
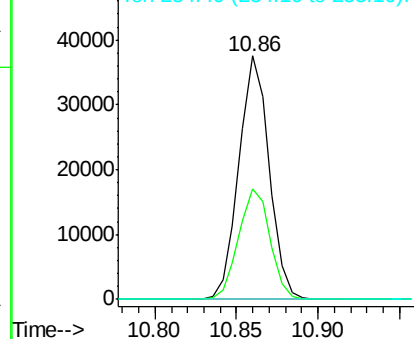
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

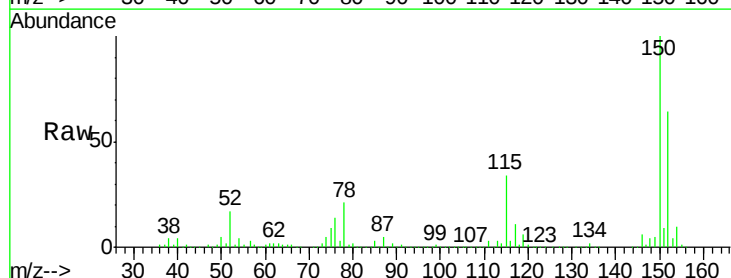
Tgt Ion:152 Resp: 217626

Ion Ratio Lower Upper

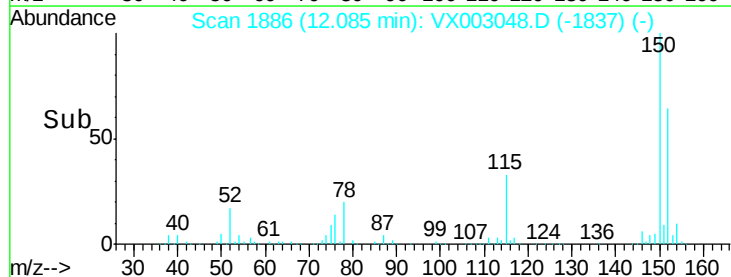
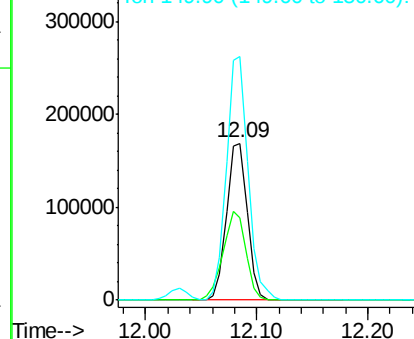
152 100

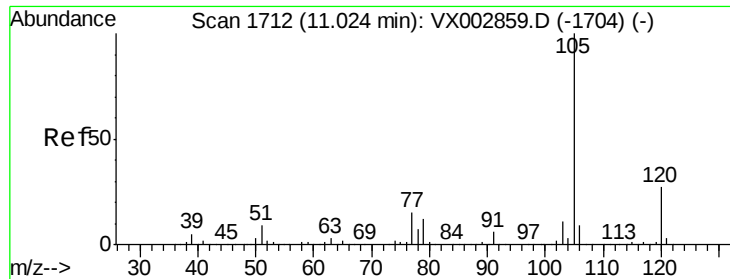
115 62.8 40.1 120.2

150 162.0 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





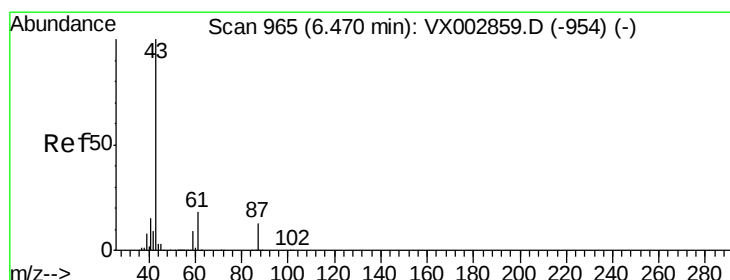
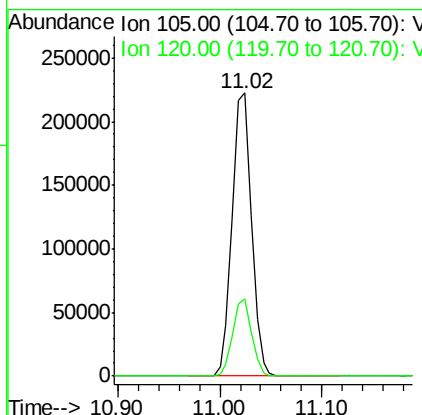
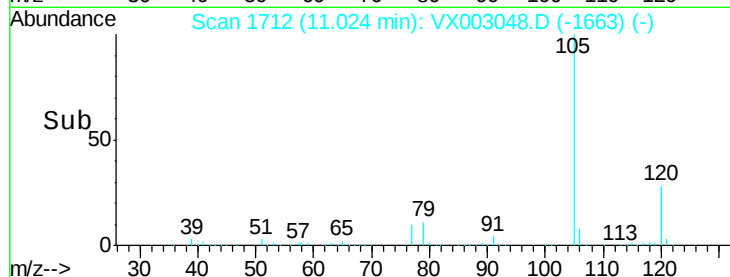
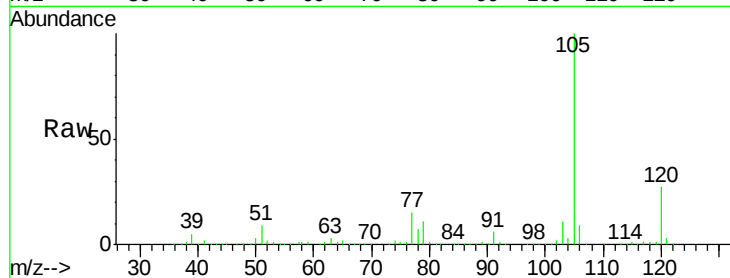
#73
Isopropylbenzene
Concen: 19.88 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.4

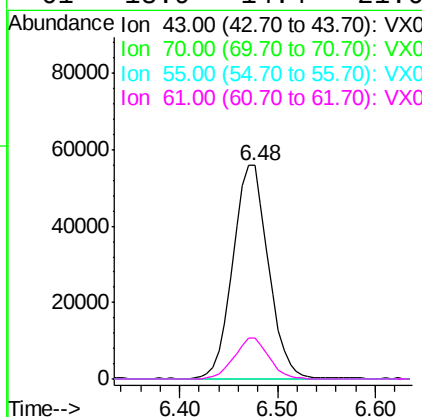
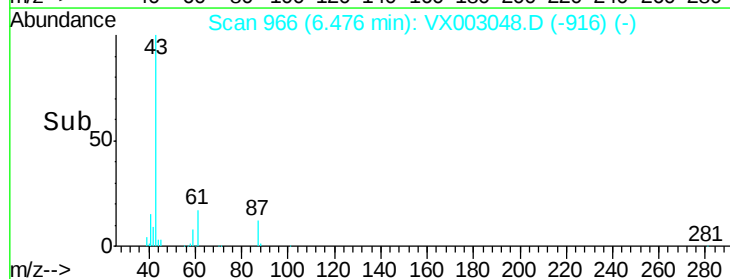
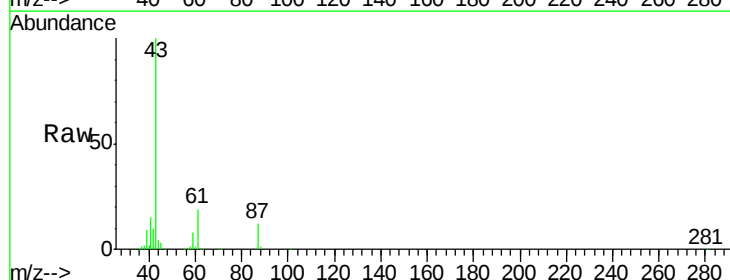
Manual Integrations
APPROVED

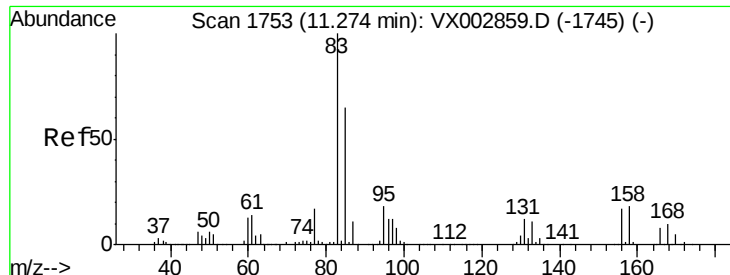
apatel
7/2/2018 4:15:41 PM



#74
N-ethyl acetate
Concen: 19.59 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0#
55	0.1	0.0	0.0#
61	18.9	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

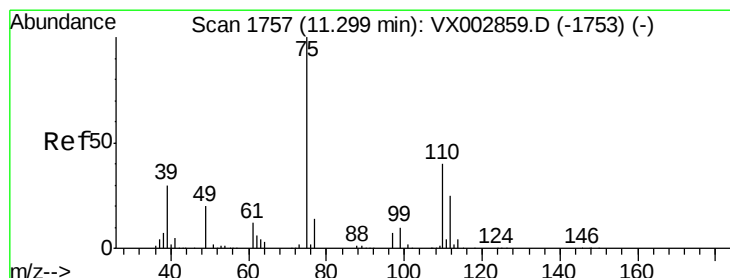
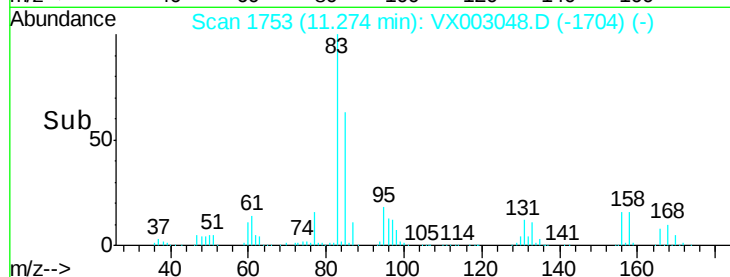
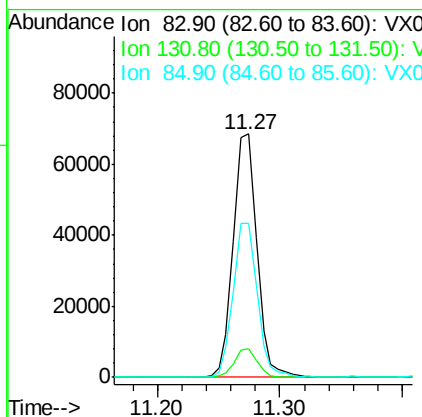
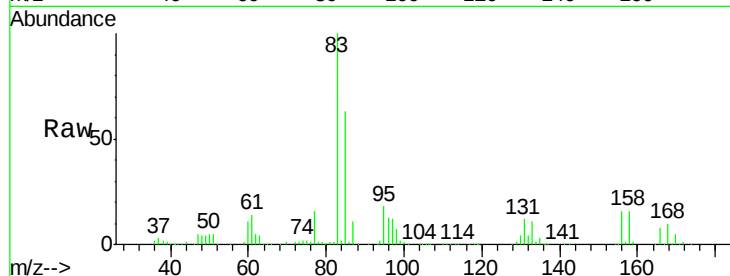
ClientSampled :

VX0629MBS01

Tot Ion:	83	Resp:	91956
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.6	16.8
85	64.5	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.53 ug/l m

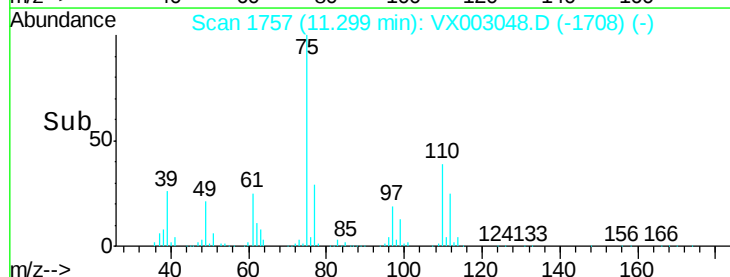
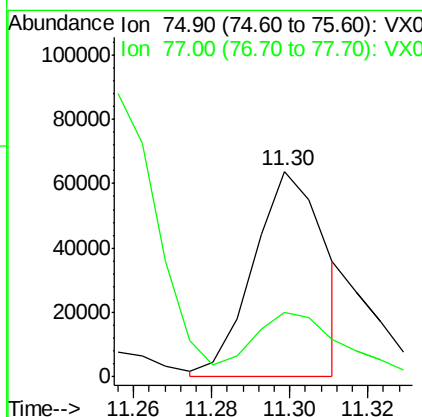
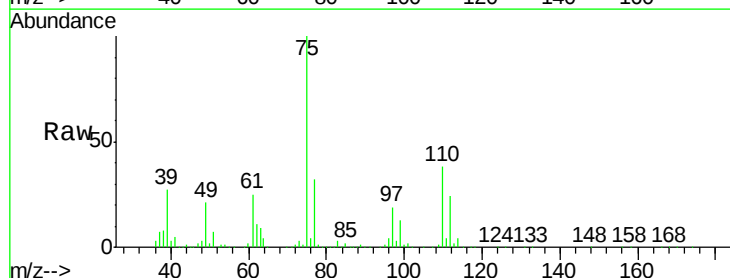
RT: 11.30 min Scan# 1757

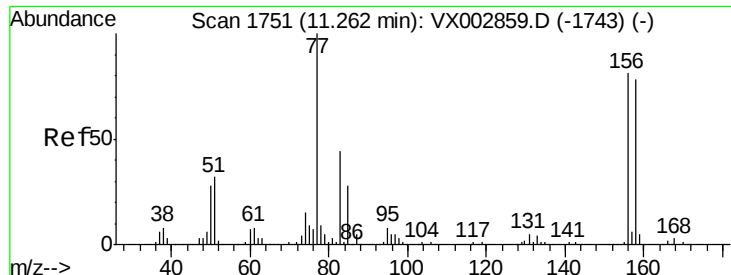
Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	75	Resp:	80914
Ion	Ratio	Lower	Upper
75	100		
77	39.9	22.8	68.3





#77

Bromobenzene

Concen: 19.71 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion:156 Resp: 82182

Ion Ratio Lower Upper

156 100

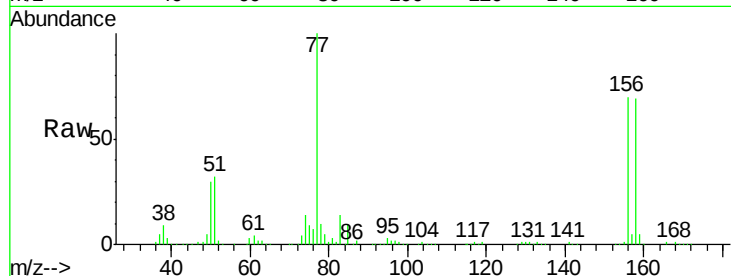
77 136.6 71.4 214.2

158 98.8 48.9 146.6

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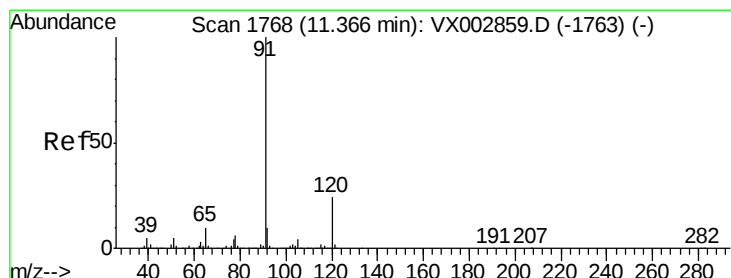
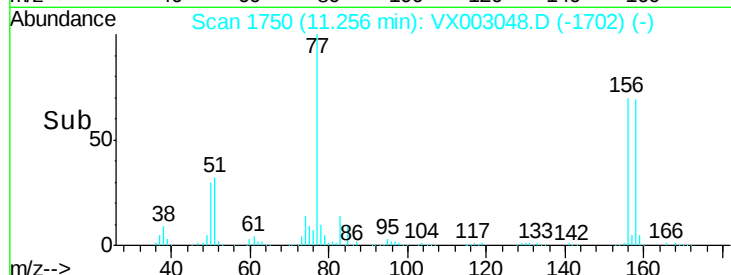
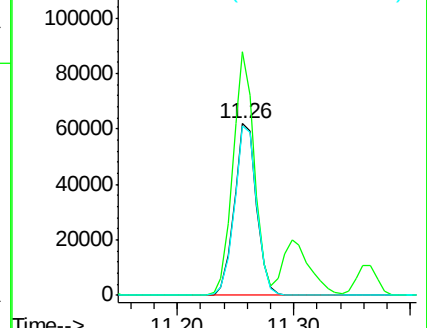
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.33 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003048.D

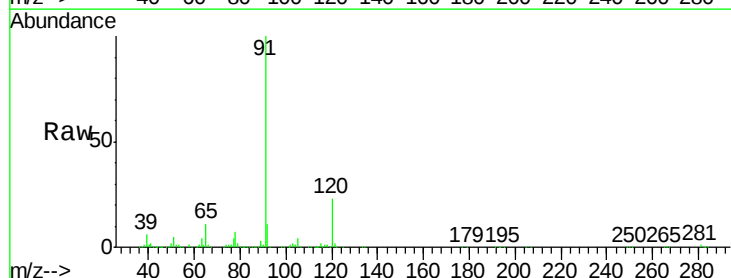
Acq: 30 Jun 2018 00:17

Tgt Ion: 91 Resp: 322092

Ion Ratio Lower Upper

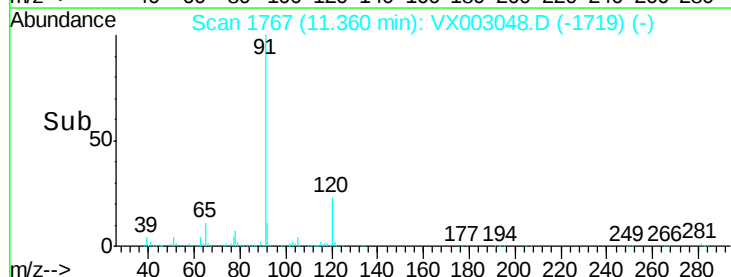
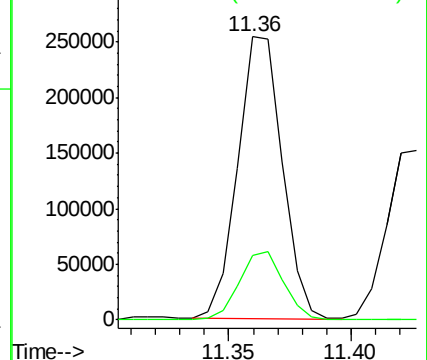
91 100

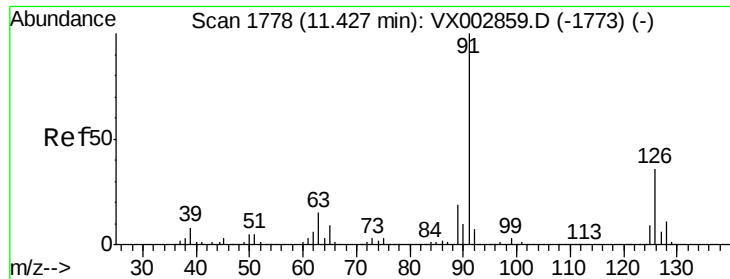
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.75 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBS01

Tot Ion: 91 Resp: 199243

Ion Ratio Lower Upper

91 100

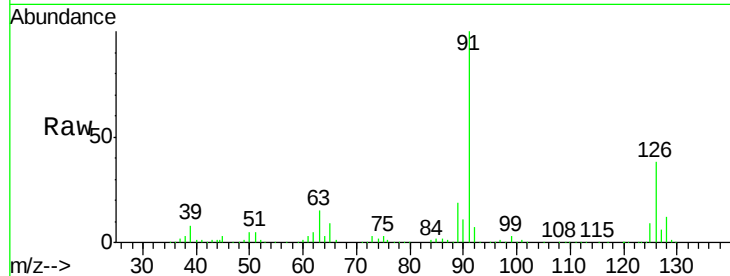
126 36.5 17.7 53.1

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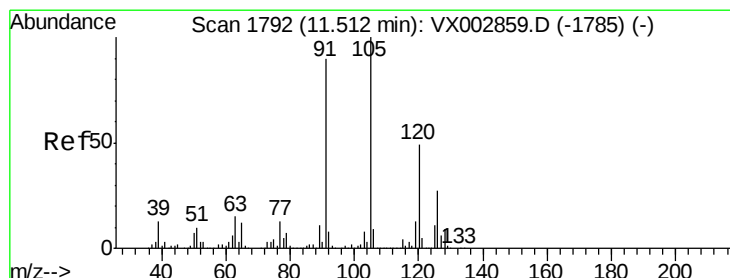
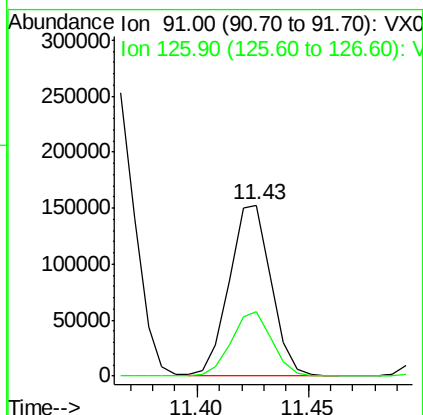
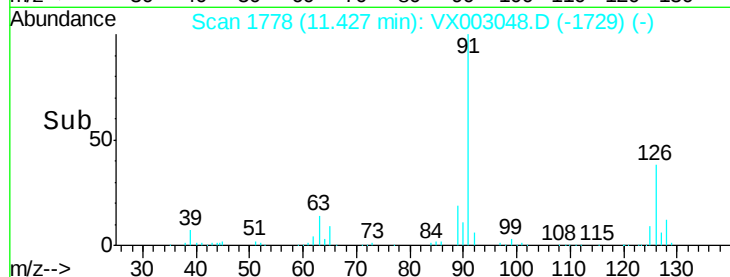
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003048.D

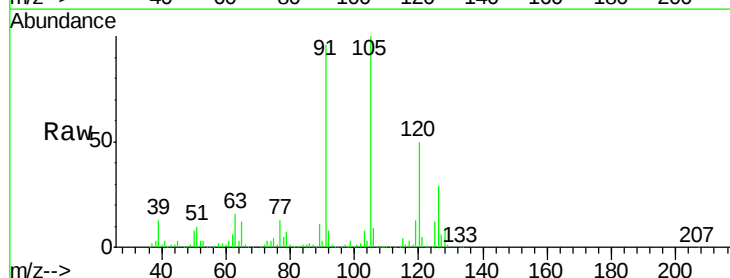
Acq: 30 Jun 2018 00:17

Tgt Ion: 105 Resp: 241114

Ion Ratio Lower Upper

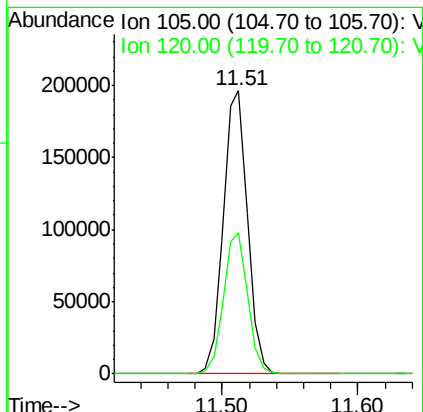
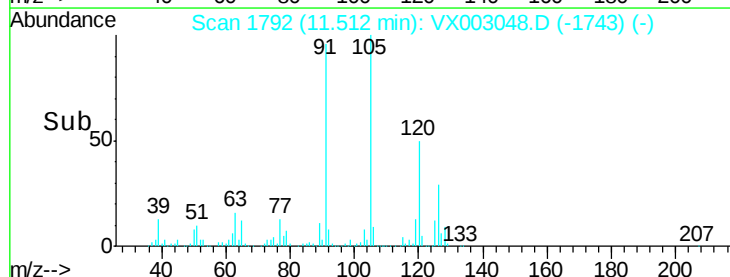
105 100

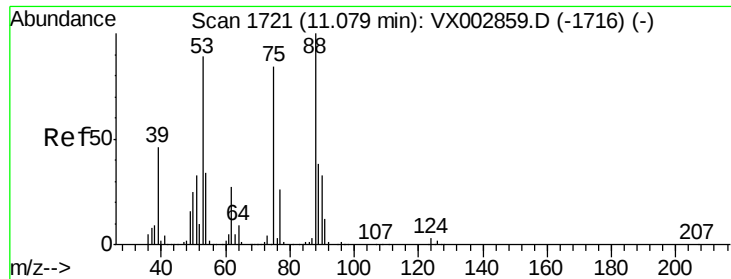
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





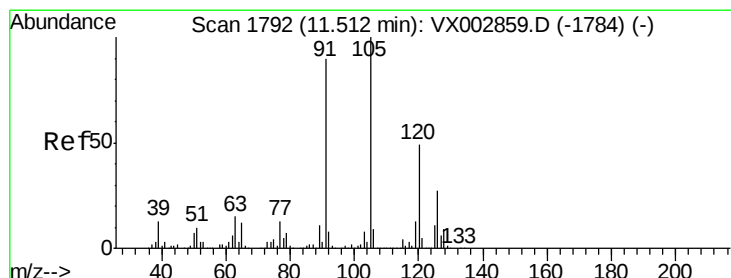
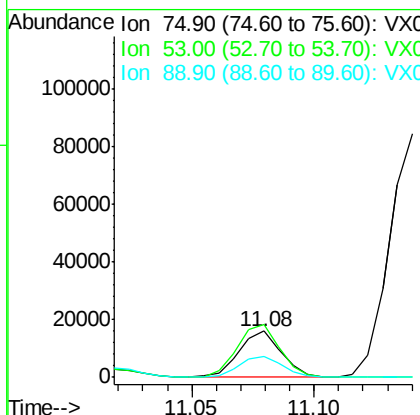
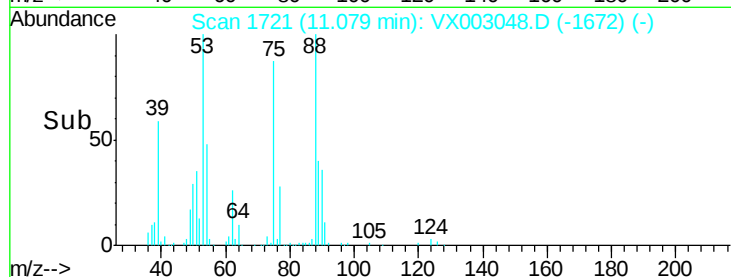
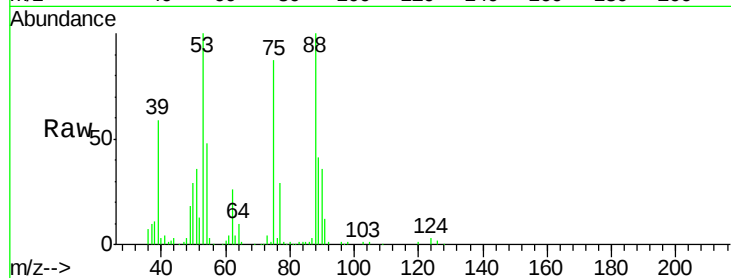
#81
trans-1,4-Dichloro-2-butene
Concen: 16.47 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.5	86.8	130.2
89	47.5	38.2	57.2

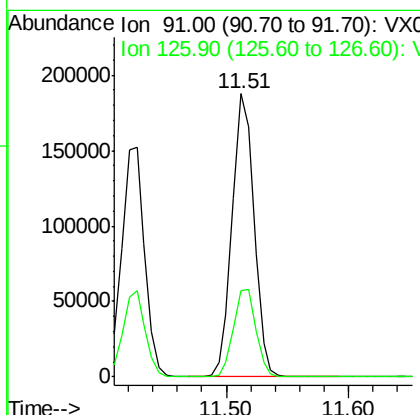
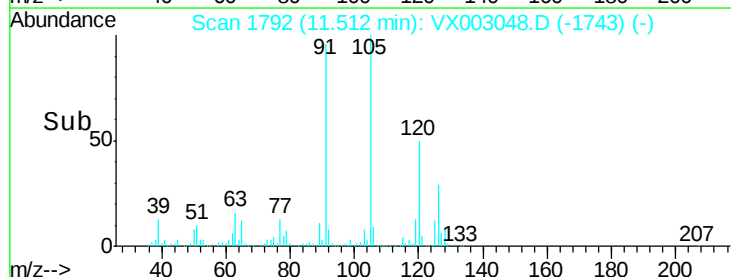
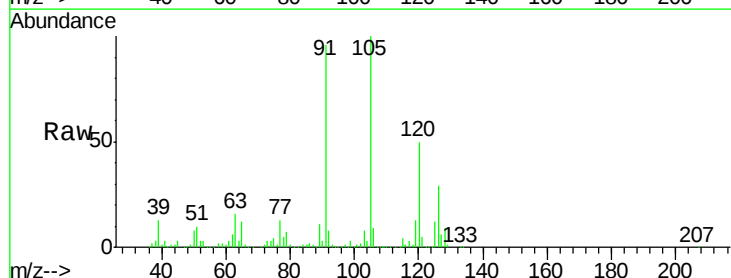
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#82
4-Chlorotoluene
Concen: 19.39 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.4	46.4





#83

tert-Butylbenzene

Concen: 19.14 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

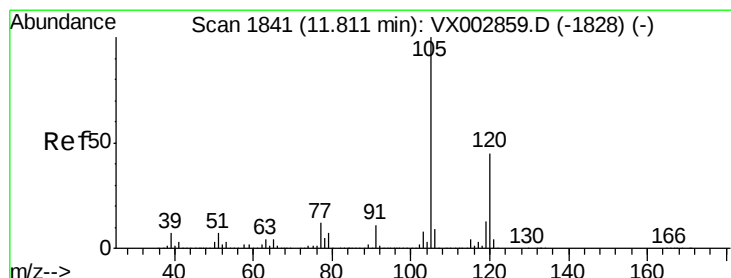
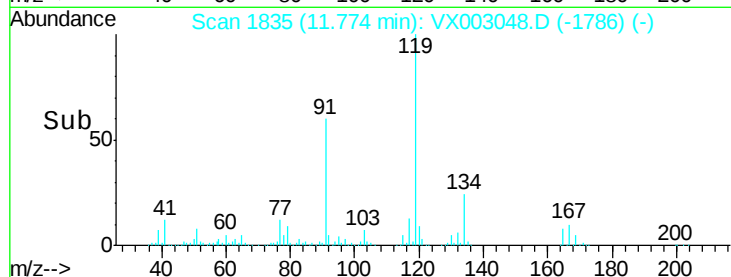
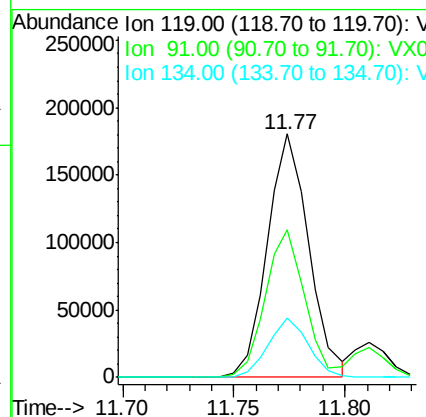
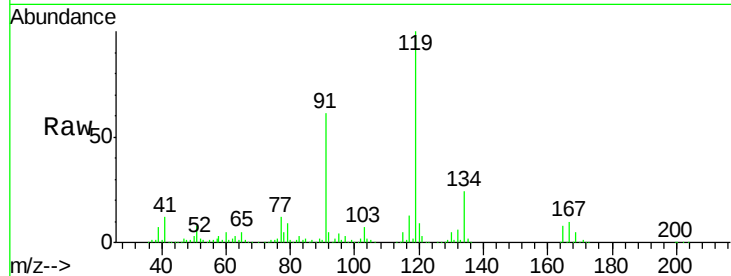
ClientSampleId :

VX0629MBS01

Tot Ion:	119	Resp:	232606
Ion Ratio	Lower	Upper	
119	100		
91	58.4	30.3	90.9
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.54 ug/l

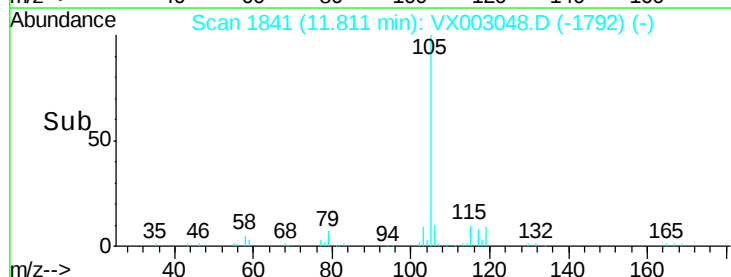
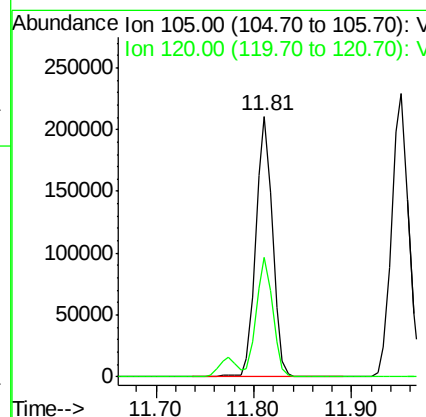
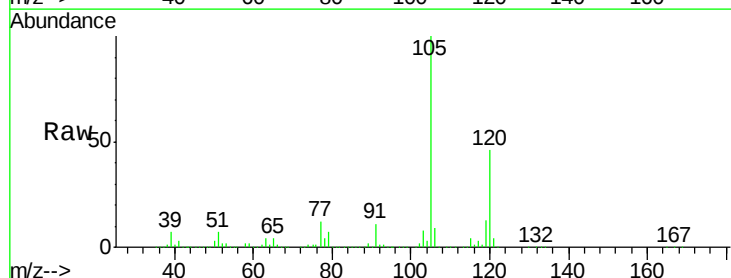
RT: 11.81 min Scan# 1841

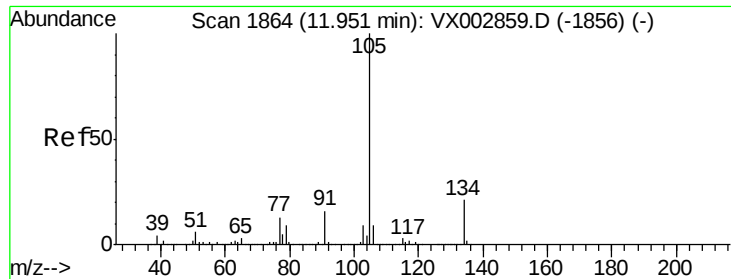
Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	105	Resp:	249636
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.3	66.8





#85

sec-Butylbenzene

Concen: 18.66 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

VX0629MBS01

Tot Ion:105 Resp: 275097

Ion Ratio Lower Upper

105 100

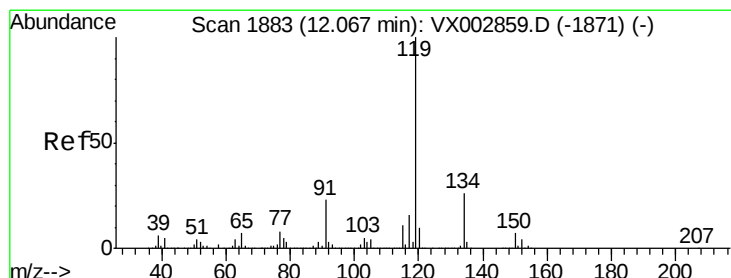
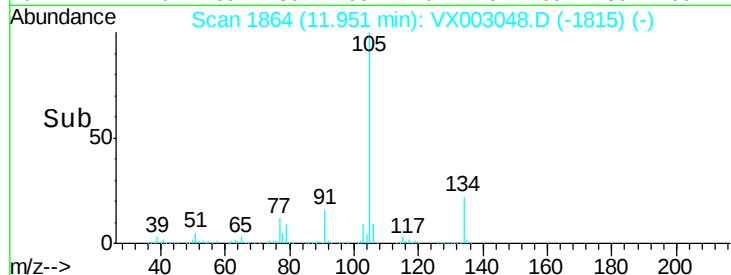
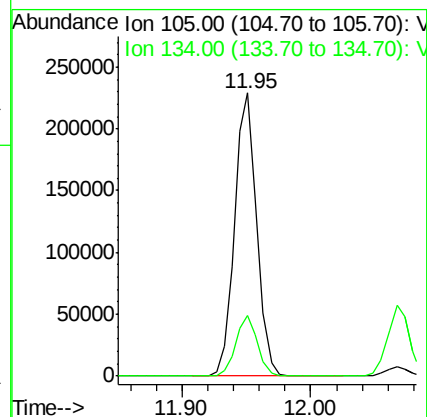
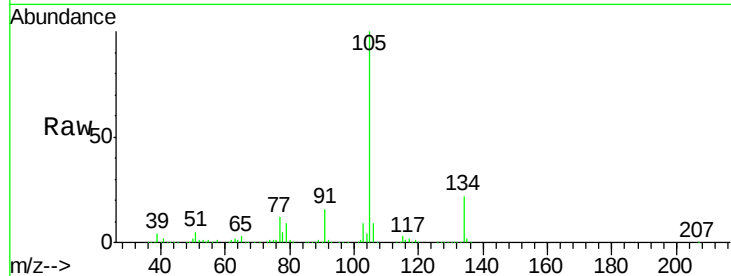
134 21.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 18.76 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

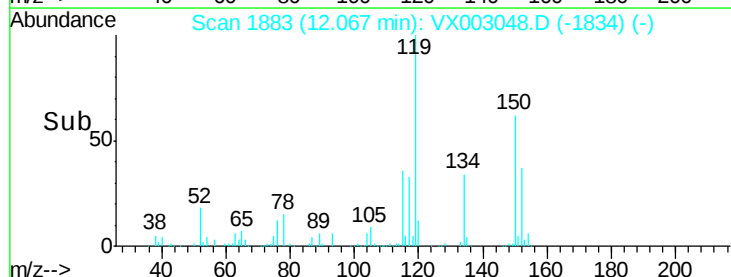
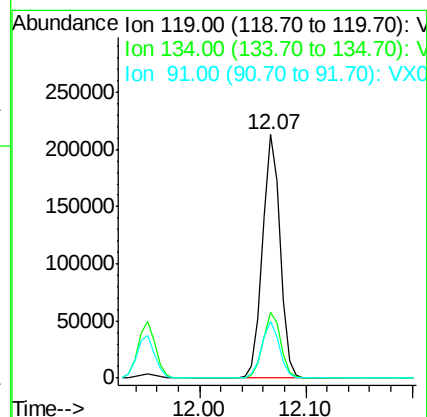
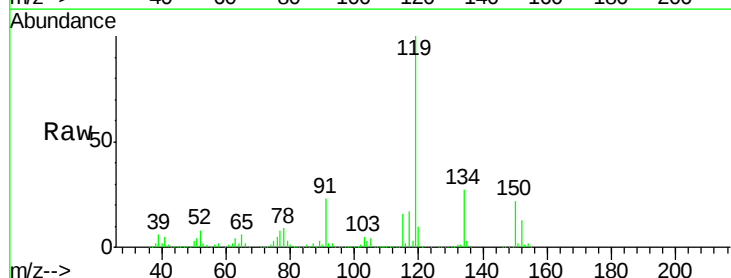
Tgt Ion:119 Resp: 248635

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.44 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

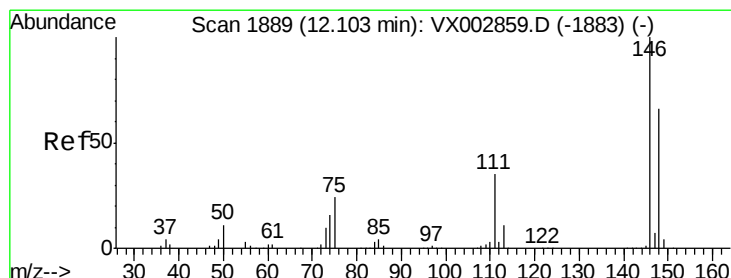
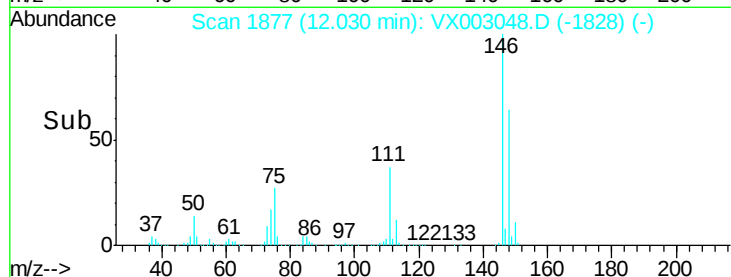
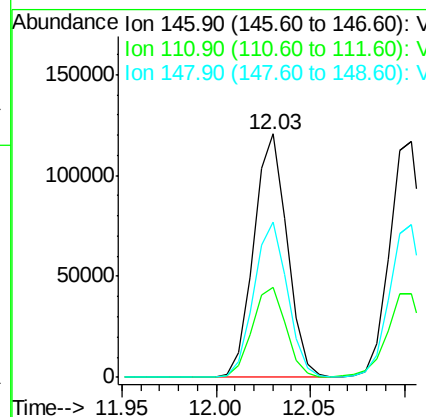
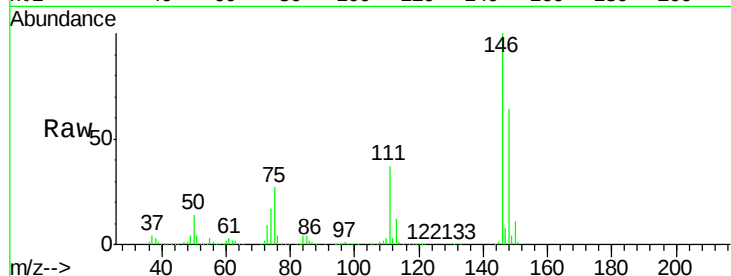
ClientSampleId :

VX0629MBS01

Tot Ion:	146	Resp:	148050
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.9	56.7
148	64.2	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.08 ug/l

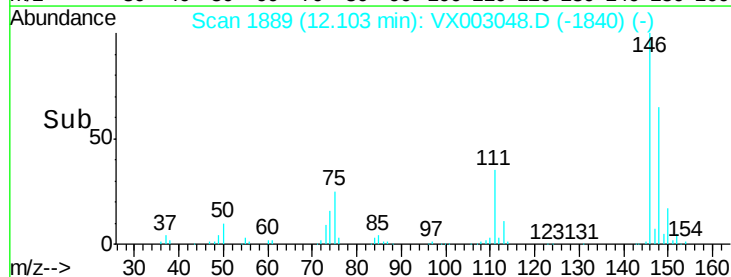
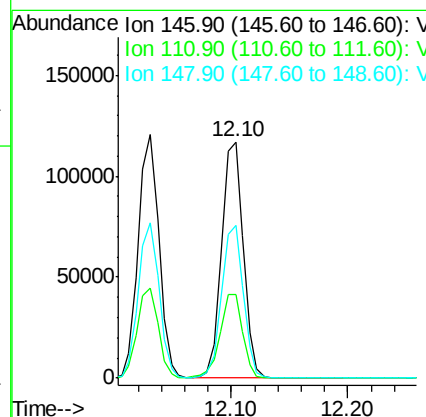
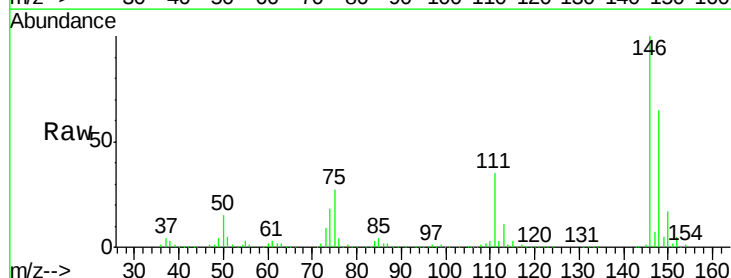
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	146	Resp:	149490
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.7	56.1
148	64.7	32.4	97.0





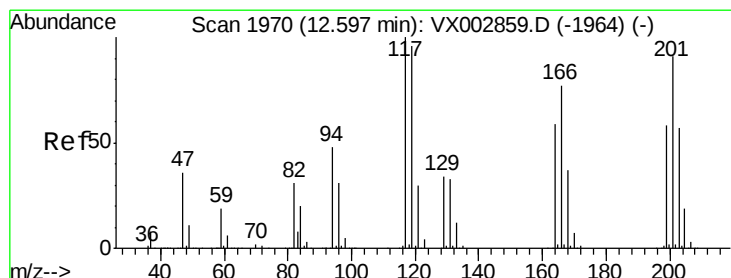
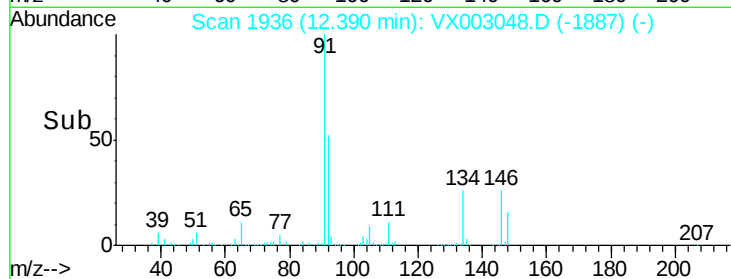
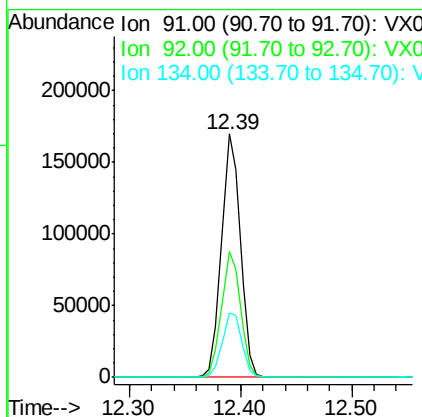
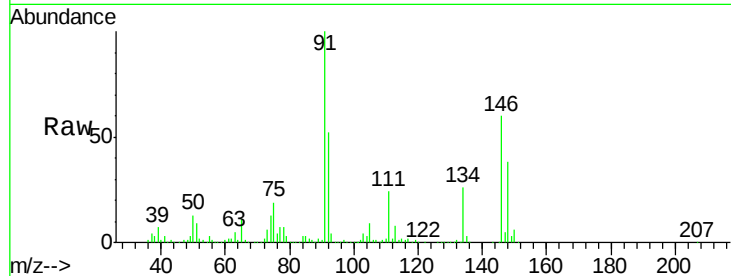
#89
n-Butylbenzene
Concen: 17.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	27.1	13.5	40.5

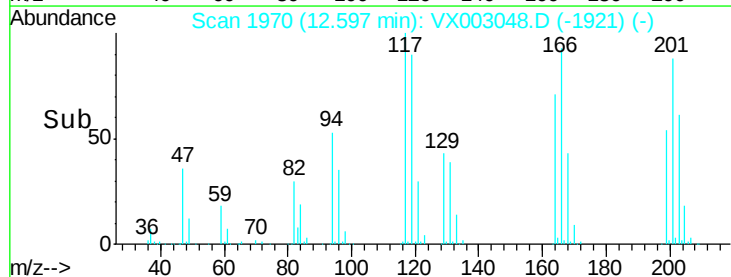
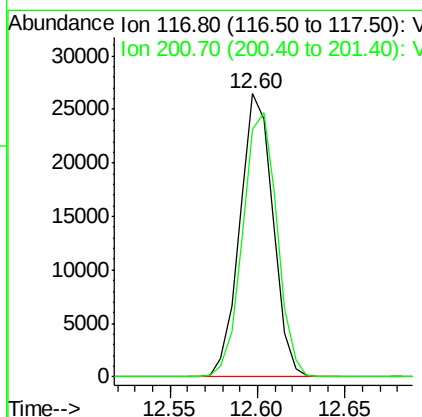
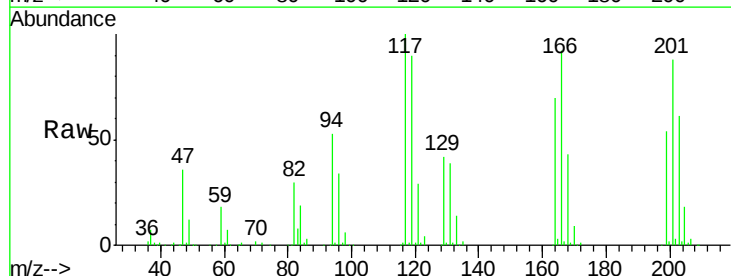
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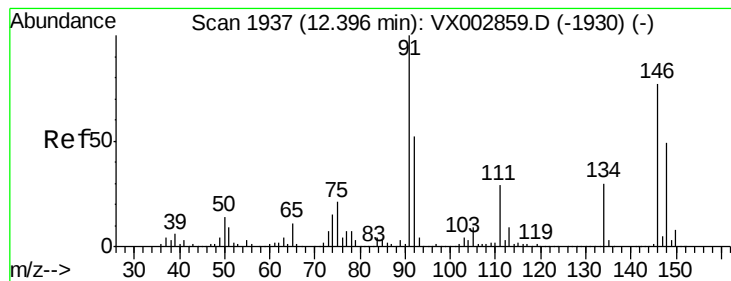
apatel
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#90
Hexachloroethane
Concen: 17.62 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 19.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Instrument :

MSVOA_X

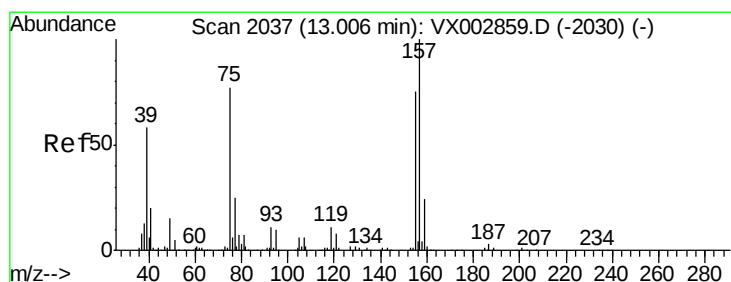
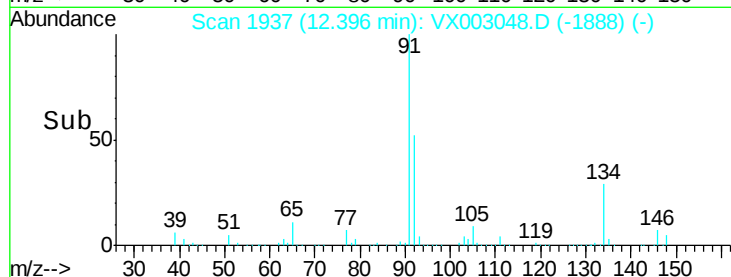
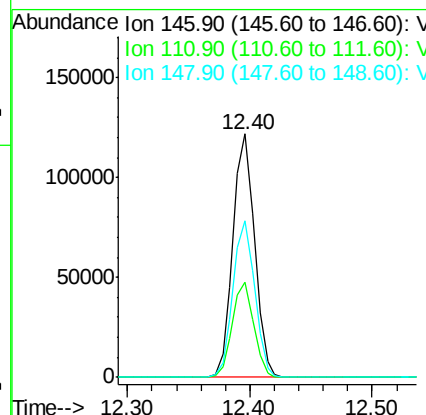
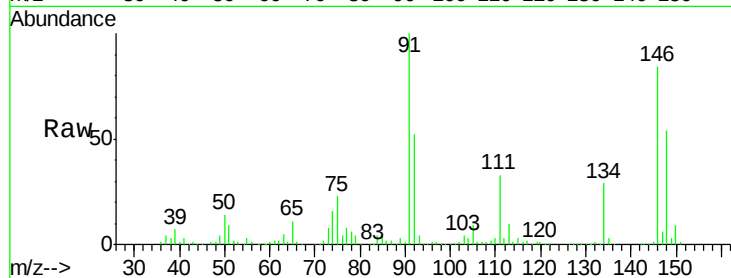
ClientSampleId :

VX0629MBS01

Tot Ion:	146	Resp:	148859
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.4	58.1
148	64.5	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.92 ug/l

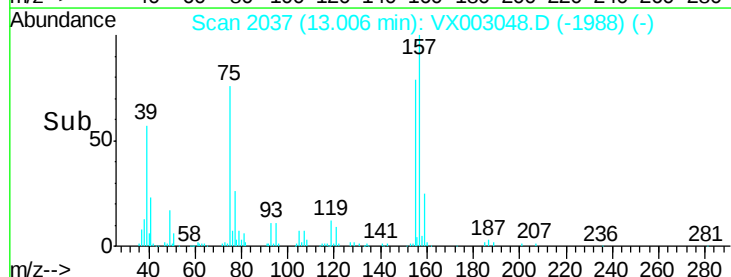
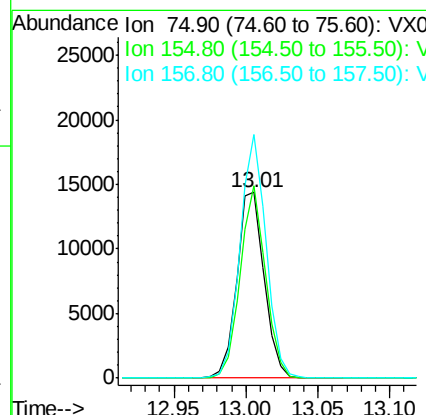
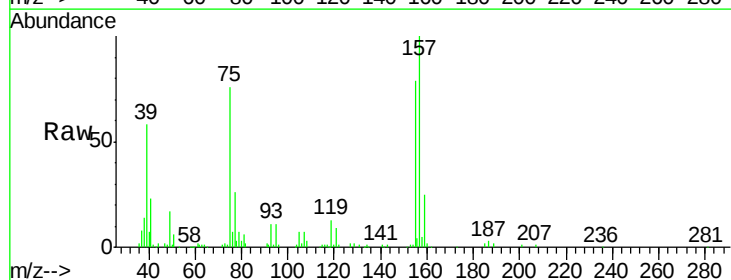
RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003048.D

Acq: 30 Jun 2018 00:17

Tgt Ion:	75	Resp:	19180
Ion Ratio	Lower	Upper	
75	100		
155	95.1	45.8	137.4
157	123.5	60.1	180.3





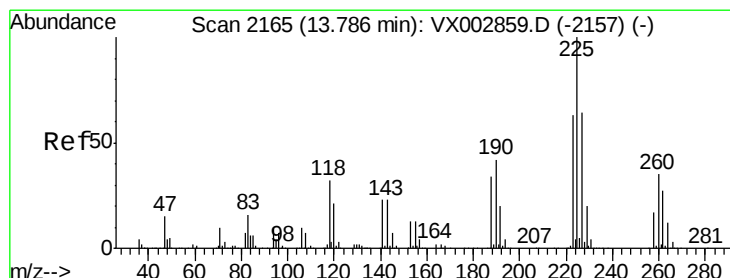
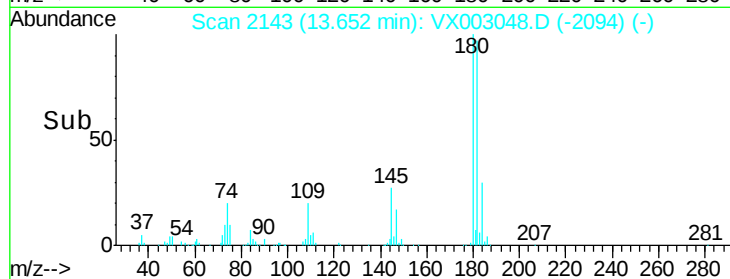
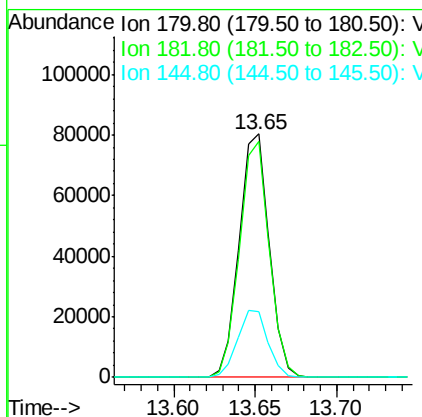
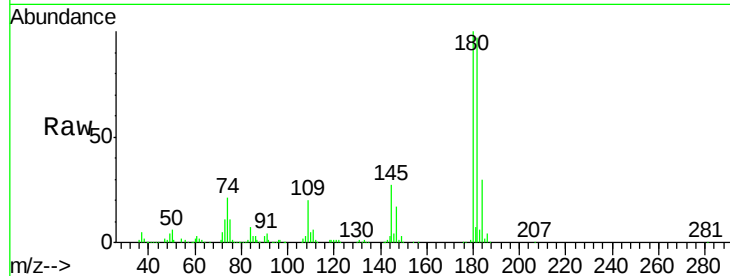
#93
 1,2,4-Trichlorobenzene
 Concen: 18.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	103276		
182	95.9	47.7	143.1	
145	27.7	14.1	42.4	

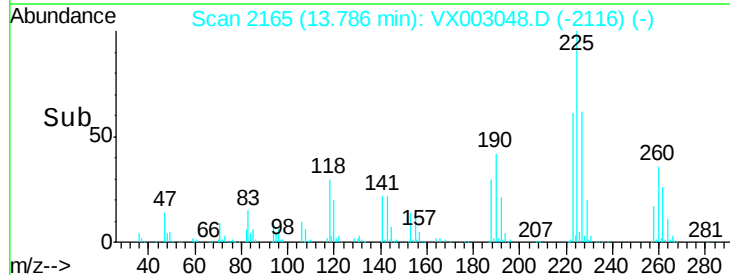
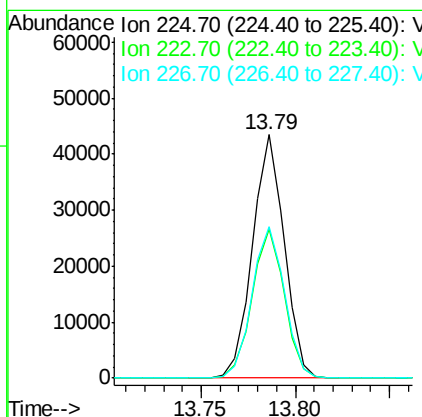
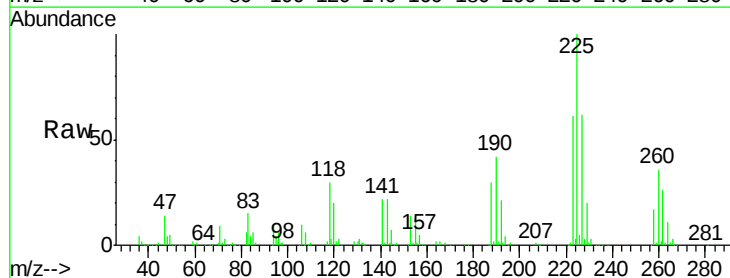
Manual Integrations
 APPROVED

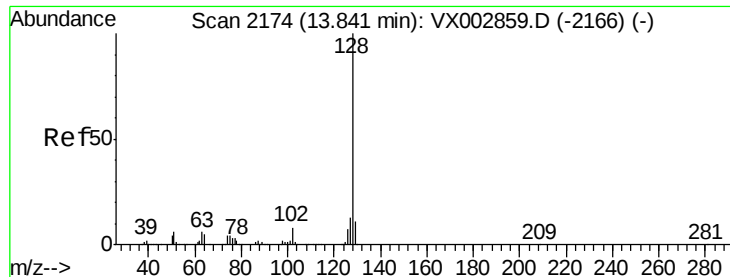
apatel
 7/2/2018 4:15:41 PM



#94
 Hexachlorobutadiene
 Concen: 18.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003048.D
 Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50750		
223	61.9	31.6	95.0	
227	63.8	32.4	97.2	





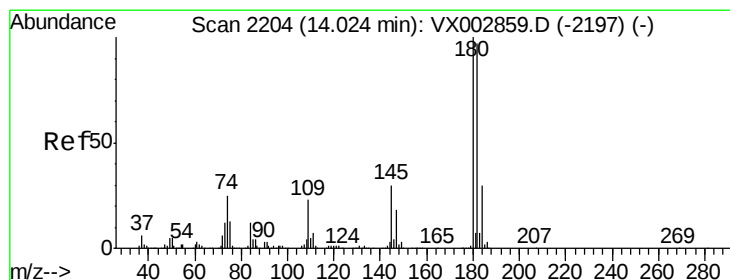
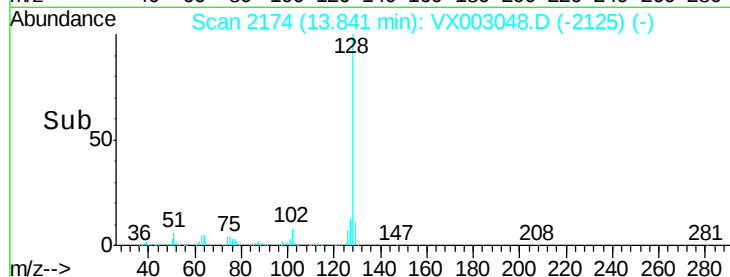
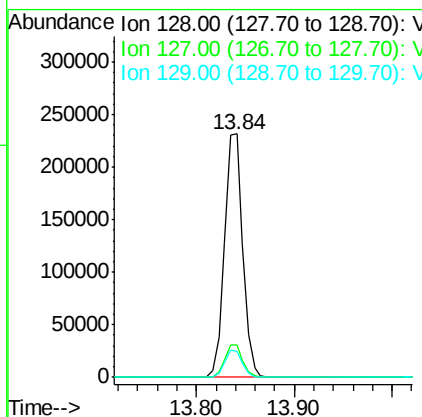
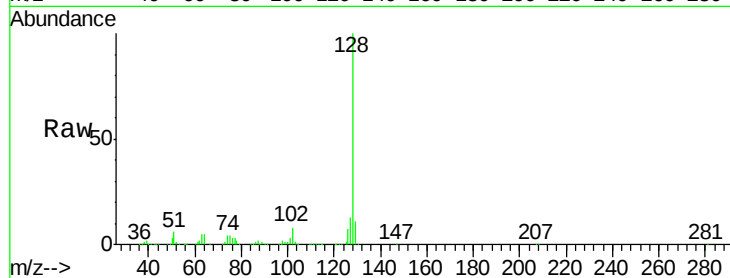
#95
Naphthalene
Concen: 20.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.06 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003048.D
Acq: 30 Jun 2018 00:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	29.3	14.8	44.3

