

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001661.D
 Acq On : 12 May 2018 12:43
 Operator : JC/MD
 Sample : VX0512WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Manual Integrations
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 5/15/2018 6:31:43 PM

Quant Time: May 14 06:39:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159919	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	5.51	113	133210	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	468692	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
62) 4-Bromofluorobenzene	11.14	95	176621	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61292	18.17	ug/l	98
3) Chloromethane	1.32	50	58248	17.73	ug/l	99
4) Vinyl Chloride	1.40	62	62979	18.36	ug/l	97
5) Bromomethane	1.64	94	37129	21.70	ug/l	98
6) Chloroethane	1.73	64	40953	18.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	98347	19.05	ug/l	98
8) Diethyl Ether	2.19	74	38611	19.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59803	19.76	ug/l	100
10) Methyl Iodide	2.51	142	54817	12.56	ug/l	100
11) Tert butyl alcohol	3.07	59	72156	95.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51539	18.58	ug/l	99
13) Acrolein	2.29	56	9302	52.92	ug/l	100
14) Allyl chloride	2.73	41	97918	18.93	ug/l	100
15) Acrylonitrile	3.15	53	159569	92.97	ug/l	99
16) Acetone	2.45	43	160130	97.89	ug/l	100
17) Carbon Disulfide	2.57	76	116302	16.48	ug/l	100
18) Methyl Acetate	2.78	43	90032	20.95	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	188528	19.52	ug/l	98
20) Methylene Chloride	2.86	84	60312	18.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55102	17.80	ug/l	99
22) Diisopropyl ether	3.87	45	184701	19.12	ug/l	98
23) Vinyl Acetate	3.82	43	763779	94.85	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106258	19.69	ug/l	100
25) 2-Butanone	4.71	43	224884	95.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87013	20.88	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64438	19.55	ug/l	98
28) Bromochloromethane	5.03	49	49597	21.20	ug/l	99
29) Tetrahydrofuran	5.17	42	137360	90.79	ug/l	99
30) Chloroform	5.22	83	113482	20.41	ug/l	96
31) Cyclohexane	5.58	56	86925	18.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	97771	20.12	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77310	19.56	ug/l	99
37) Ethyl Acetate	4.87	43	81119	18.72	ug/l	99
38) Carbon Tetrachloride	5.79	117	87297	20.71	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92235	19.74	ug/l	97
40) Benzene	6.15	78	236806	20.51	ug/l	98
41) Methacrylonitrile	5.06	41	48843	19.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92611	20.87	ug/l	99
43) Isopropyl Acetate	6.47	43	129566	19.48	ug/l	99
44) Trichloroethene	7.22	130	71974	20.40	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61653	21.42	ug/l	98
46) Dibromomethane	7.67	93	41849	20.54	ug/l	99
47) Bromodichloromethane	7.90	83	80200	21.27	ug/l	99
48) Methyl methacrylate	7.78	41	70068	19.35	ug/l	100
49) 1,4-Dioxane	7.76	88	30316	387.48	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	441280	99.85	ug/l	99
52) Toluene	8.79	92	155362	20.58	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	89648	21.04	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	81195	19.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64889	21.34	ug/l	95
56) Ethyl methacrylate	9.19	69	86791	19.80	ug/l	98
57) 1,3-Dichloropropane	9.38	76	103437	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	227632	105.87	ug/l	99
59) 2-Hexanone	9.50	43	327975	96.91	ug/l	100
60) Dibromochloromethane	9.59	129	63914	20.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63748	19.97	ug/l	100
64) Tetrachloroethene	9.34	164	83799	20.53	ug/l	97
65) Chlorobenzene	10.14	112	174231	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	64645	21.04	ug/l	99
67) Ethyl Benzene	10.26	91	286657	20.36	ug/l	98
68) m/p-Xylenes	10.37	106	228164	41.01	ug/l	99
69) o-Xylene	10.70	106	110912	20.51	ug/l	99
70) Styrene	10.72	104	181367	20.65	ug/l	99
71) Bromoform	10.86	173	49464	19.11	ug/l	99
73) Isopropylbenzene	11.02	105	304552	21.07	ug/l	100
74) N-amyl acetate	6.47	43	129566	19.73	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87569	20.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87377m	20.63	ug/l	
77) Bromobenzene	11.26	156	84365	20.07	ug/l	99
78) n-propylbenzene	11.37	91	335394	21.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	200880	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252260	20.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21792	19.29	ug/l	91
82) 4-Chlorotoluene	11.52	91	233852	20.92	ug/l	100
83) tert-Butylbenzene	11.77	119	250658	20.93	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	261264	21.12	ug/l	100
85) sec-Butylbenzene	11.95	105	306462	21.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	285034	21.61	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	154973	20.63	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	156848	20.47	ug/l	99
89) n-Butylbenzene	12.40	91	224696	20.56	ug/l	99
90) Hexachloroethane	12.60	117	42268	21.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156513	20.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18910	20.16	ug/l	97

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ClientSampleId :
VX0512WBS01

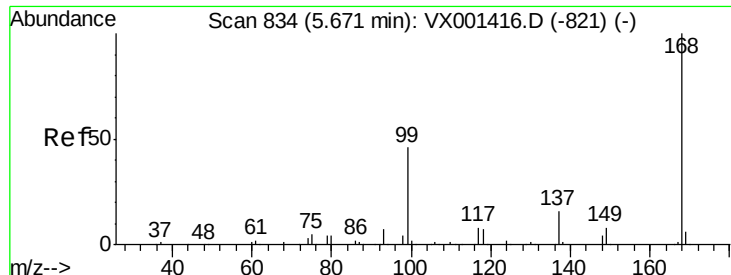
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114642	20.49	ug/l	100
94) Hexachlorobutadiene	13.79	225	63883	20.87	ug/l	100
95) Naphthalene	13.84	128	312616	20.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118765	20.69	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion:168 Resp: 250642

Ion Ratio Lower Upper

168 100

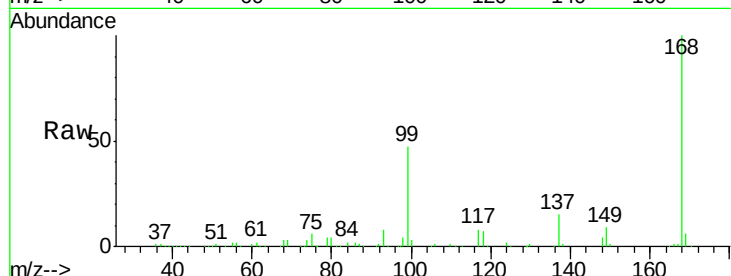
99 47.4 36.6 54.8

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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

80000

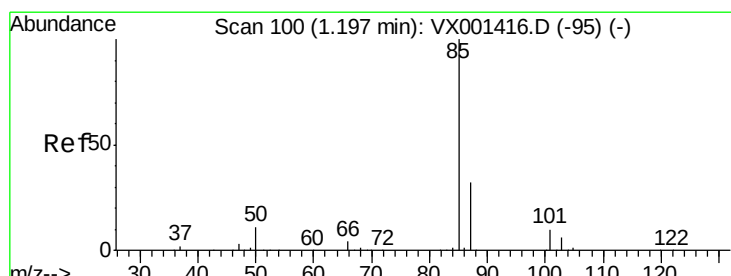
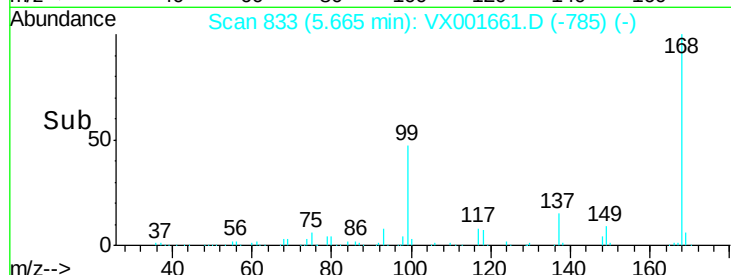
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001661.D

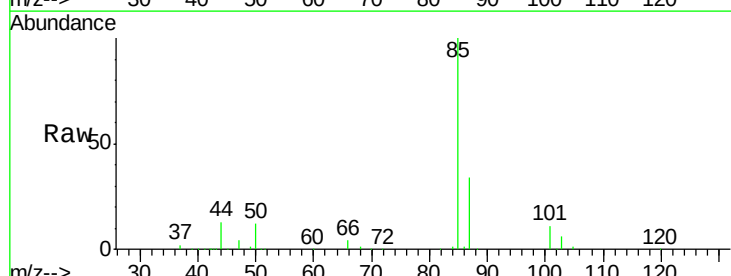
Acq: 12 May 2018 12:43

Tgt Ion: 85 Resp: 61292

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

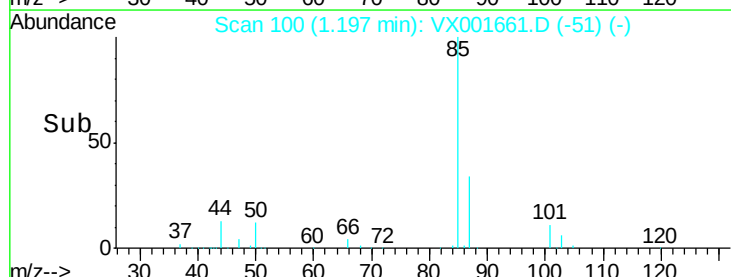
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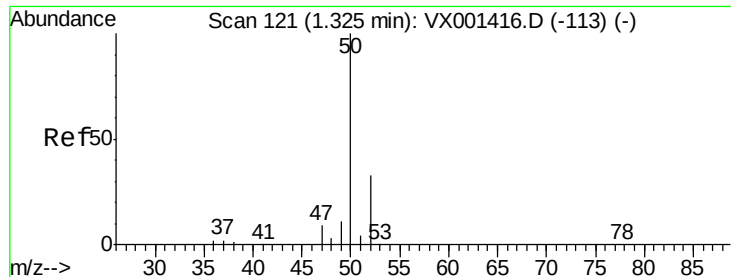
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.73 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0512WBS01

Tot Ion: 50 Resp: 58248

Ion Ratio Lower Upper

50 100

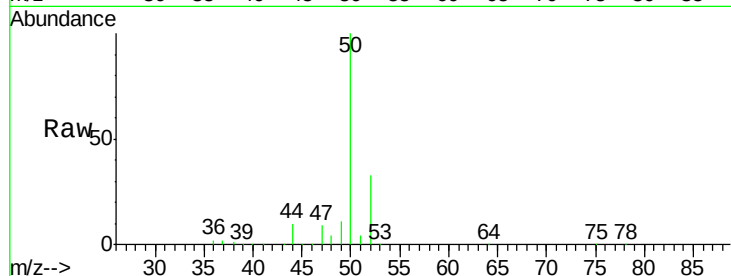
52 33.2 26.2 39.4

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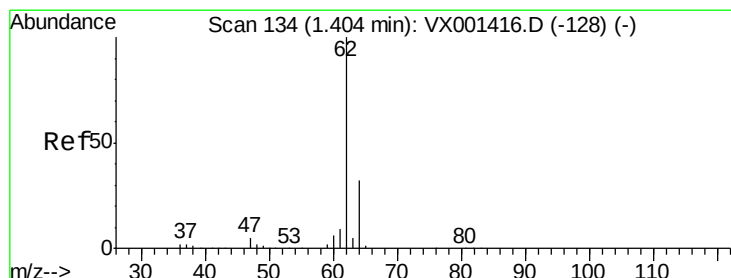
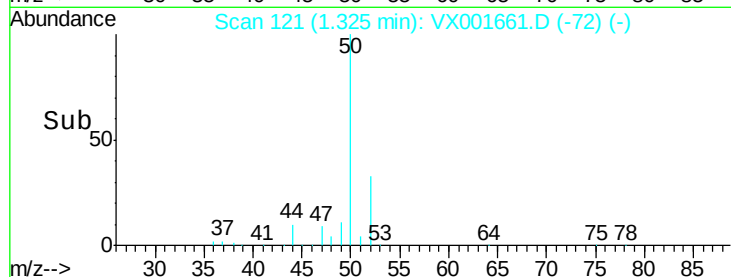
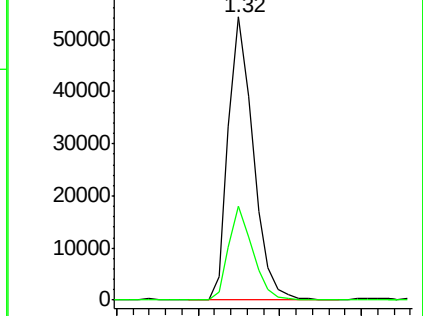
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001661.D

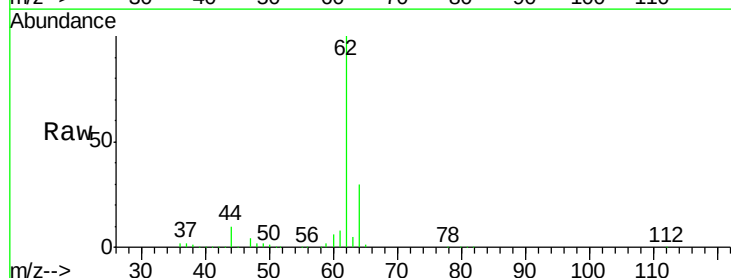
Acq: 12 May 2018 12:43

Tgt Ion: 62 Resp: 62979

Ion Ratio Lower Upper

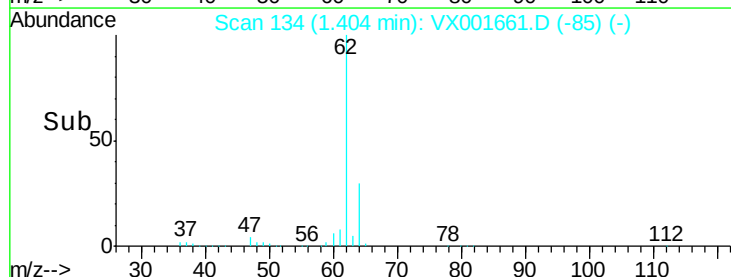
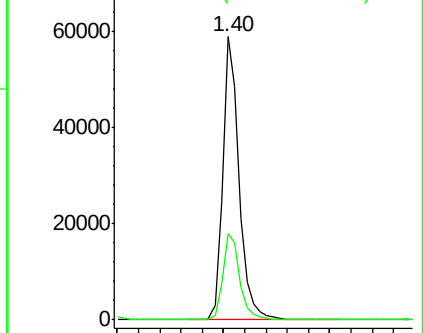
62 100

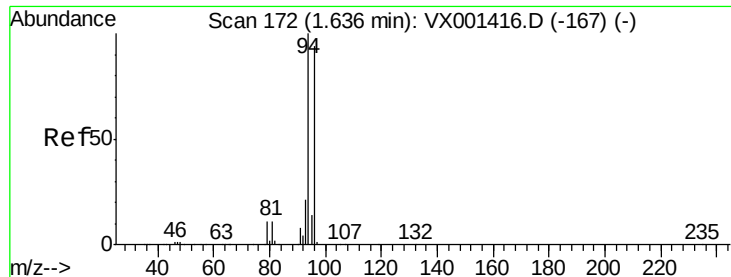
64 30.4 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 94 Resp: 37129

Ion Ratio Lower Upper

94 100

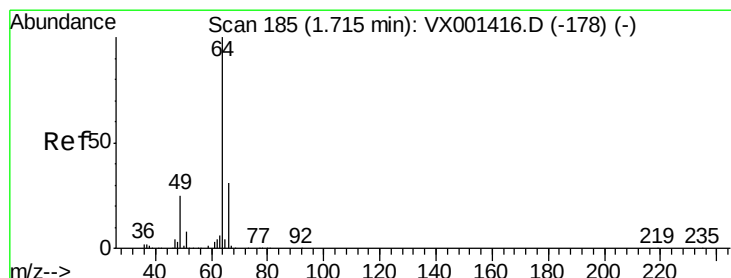
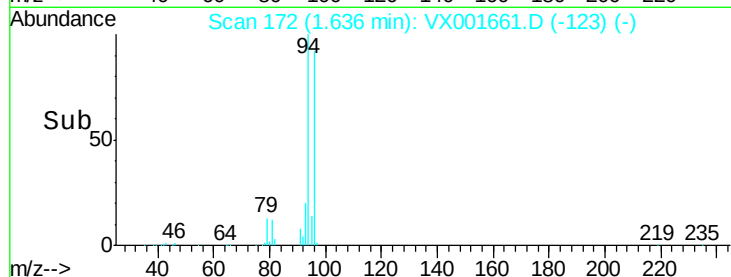
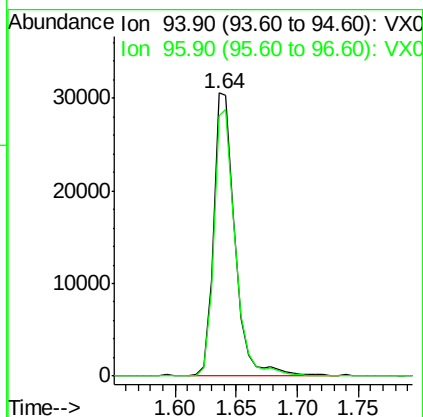
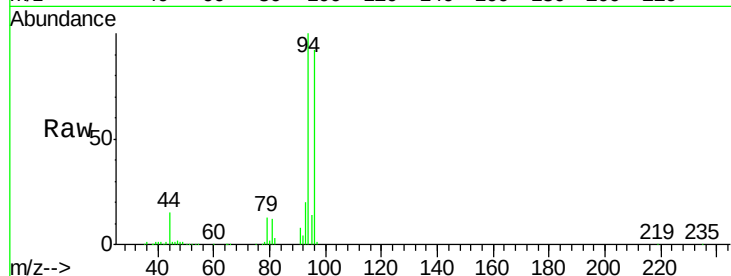
96 92.2 75.0 112.6

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#6

Chloroethane

Concen: 18.07 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001661.D

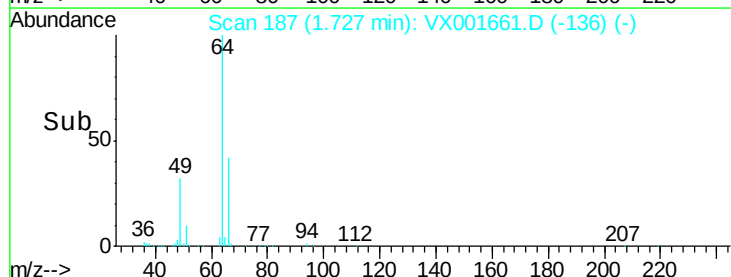
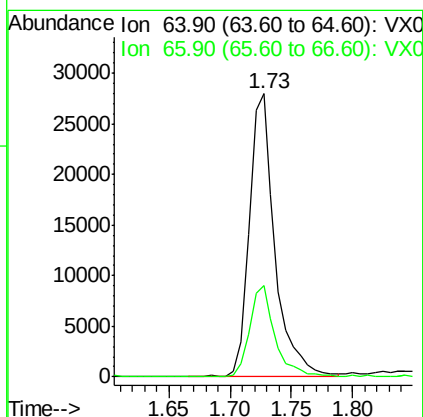
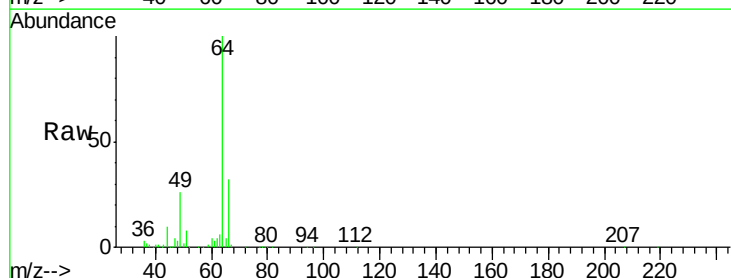
Acq: 12 May 2018 12:43

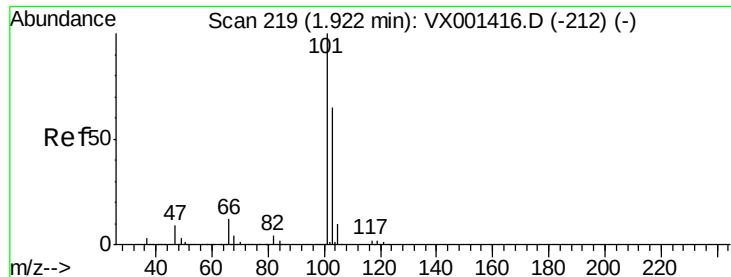
Tgt Ion: 64 Resp: 40953

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7





#7

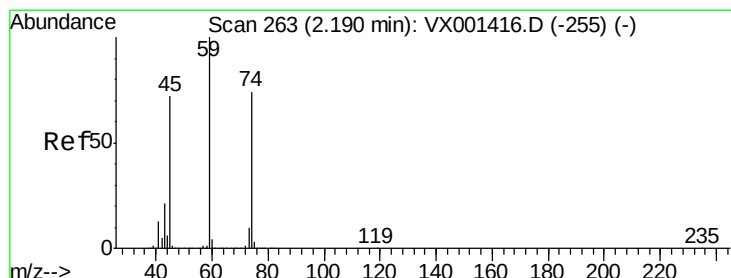
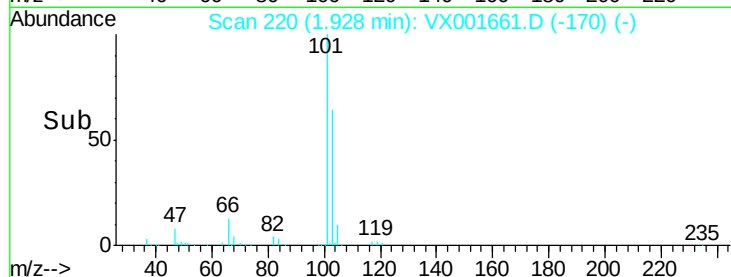
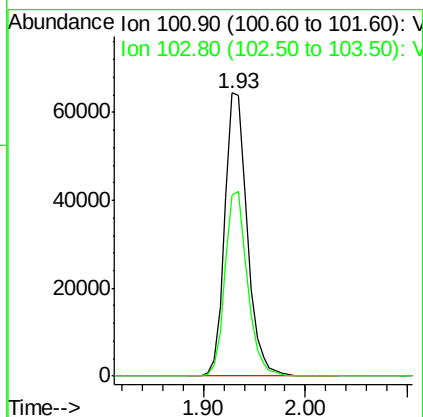
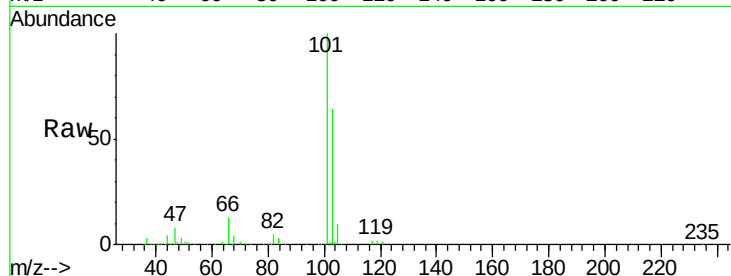
Trichlorofluoromethane
 Concen: 19.05 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
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 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.0	78.0

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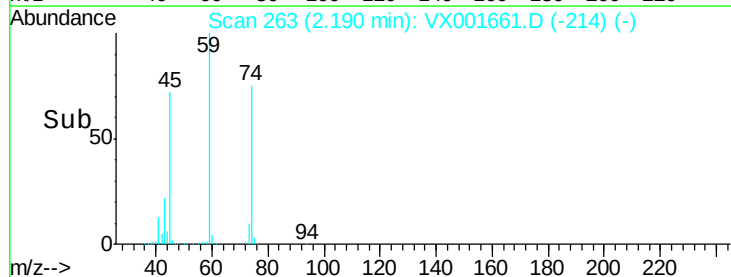
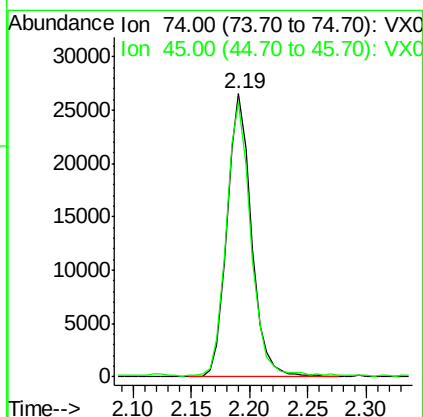
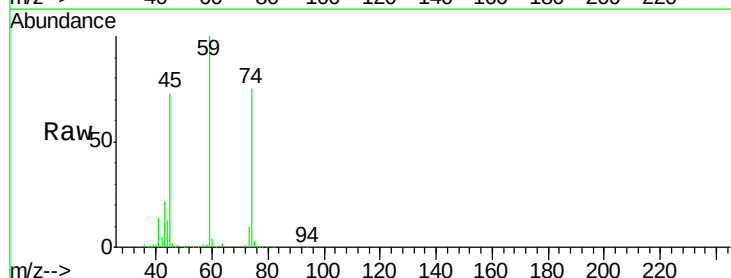
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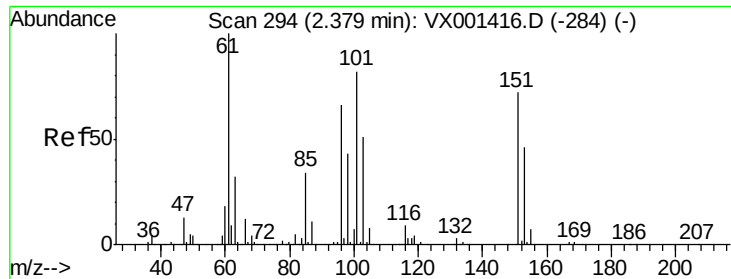


#8

Diethyl Ether
 Concen: 19.09 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

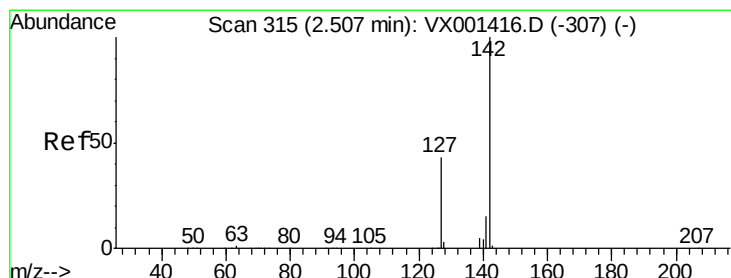
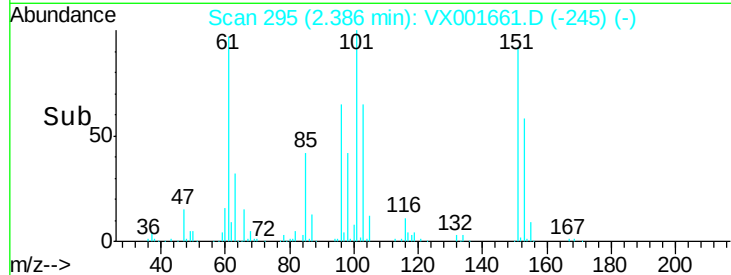
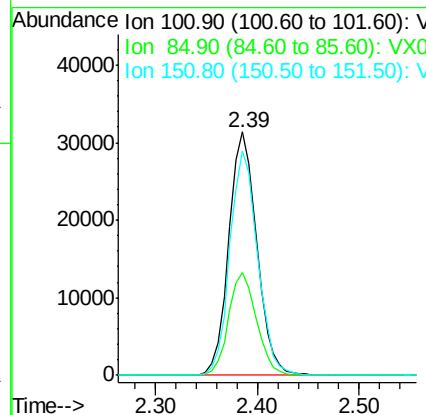
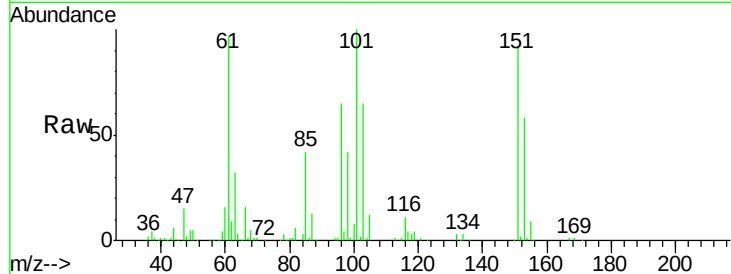
ClientSampleId :

VX0512WBS01

Tot Ion:	101	Resp:	59803
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	90.9	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 12.56 ug/l

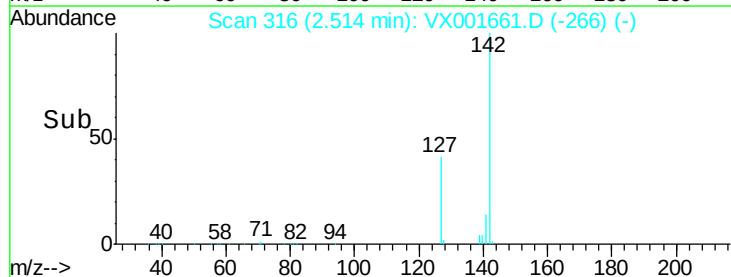
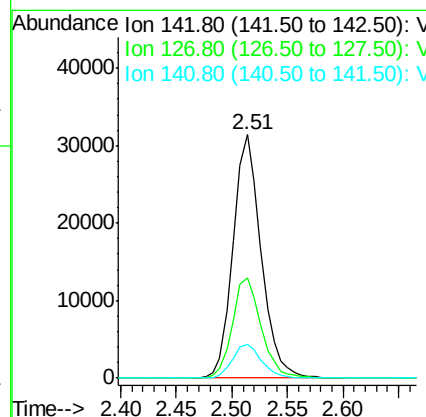
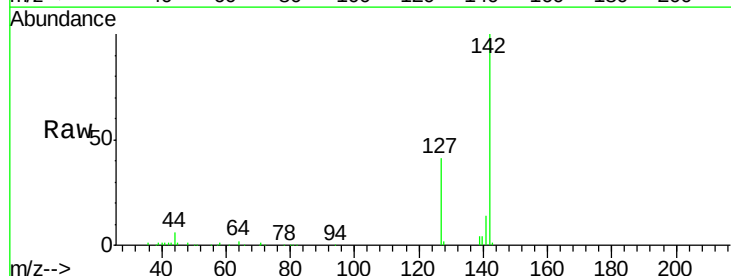
RT: 2.51 min Scan# 316

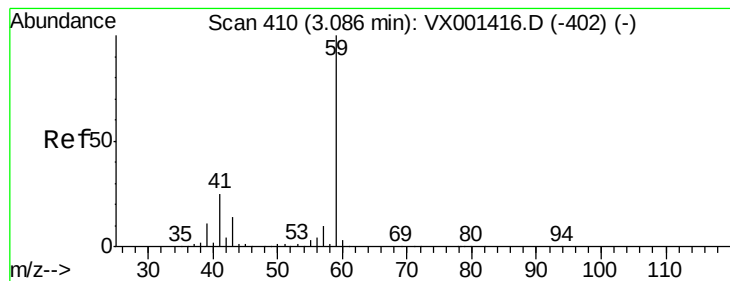
Delta R.T. 0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion:	142	Resp:	54817
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.2	11.4	17.2





#11

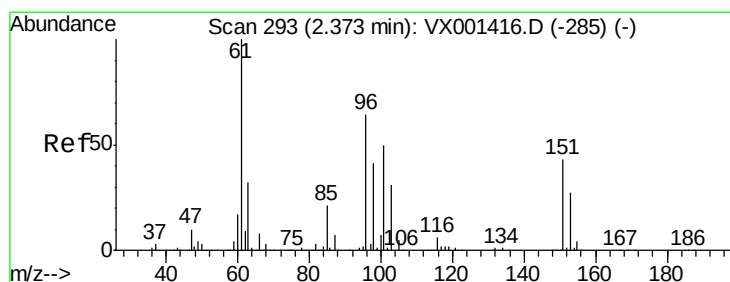
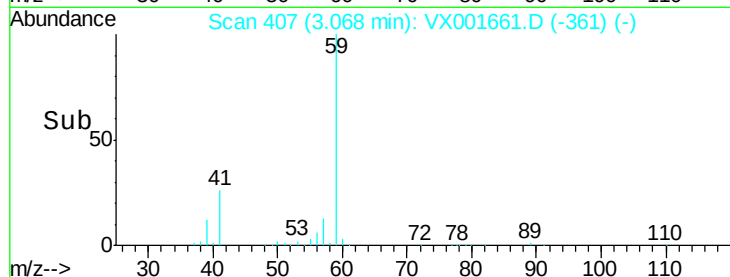
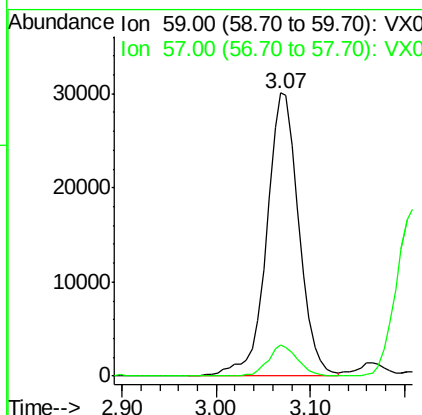
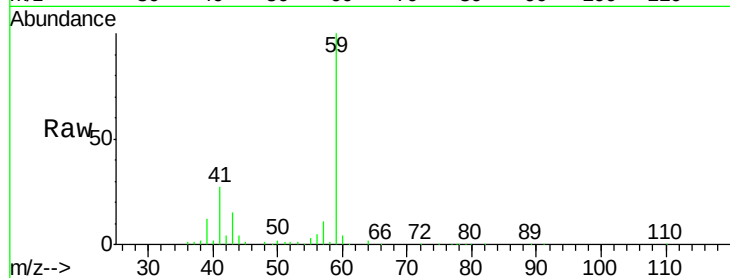
Tert butyl alcohol
 Concen: 95.00 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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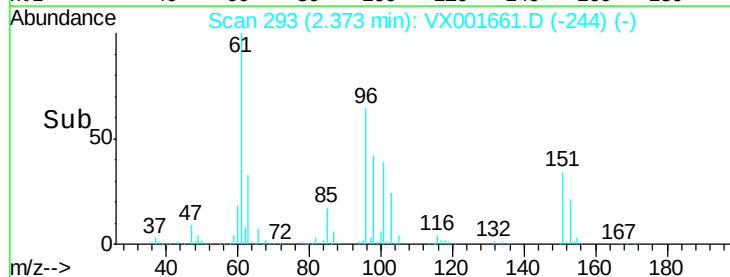
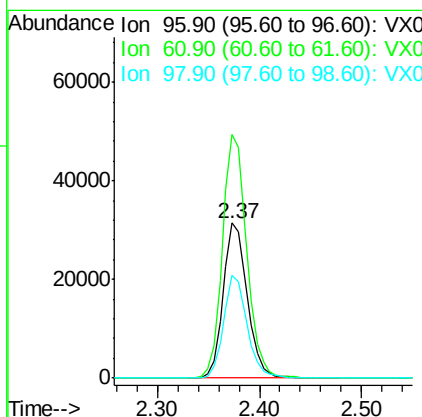
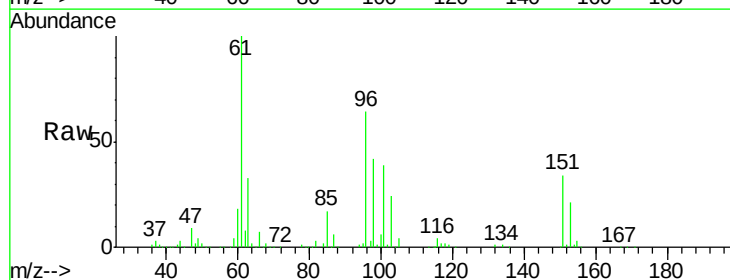
apatel
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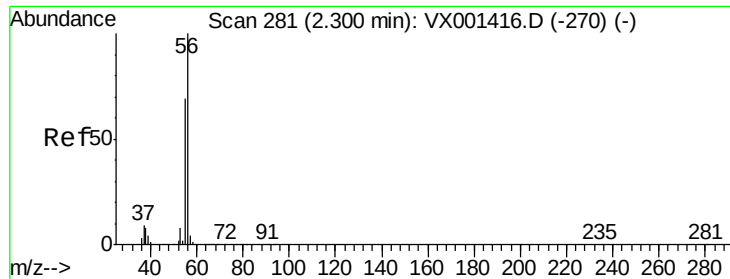


#12

1,1-Dichloroethene
 Concen: 18.58 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	125.7	188.5
98	66.7	52.0	78.0





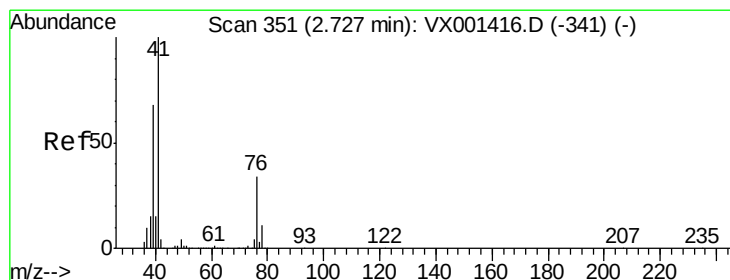
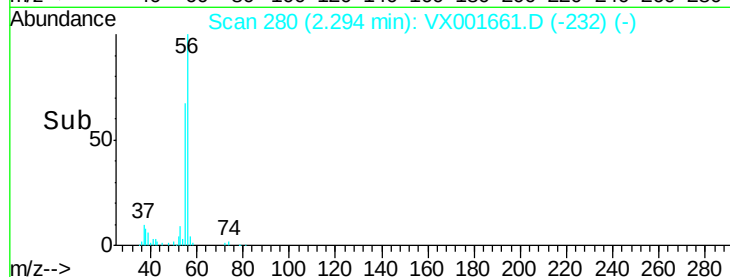
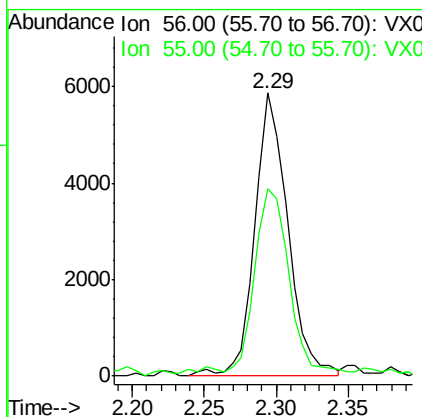
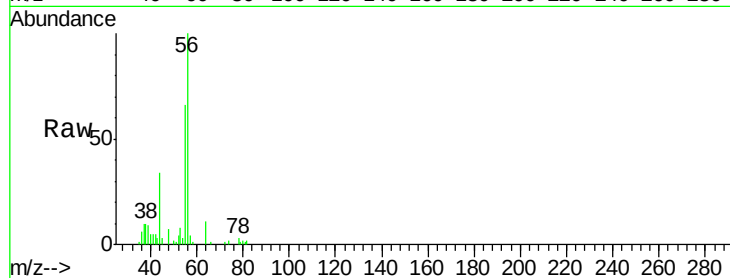
#13
 Acrolein
 Concen: 52.92 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	54.5	81.7

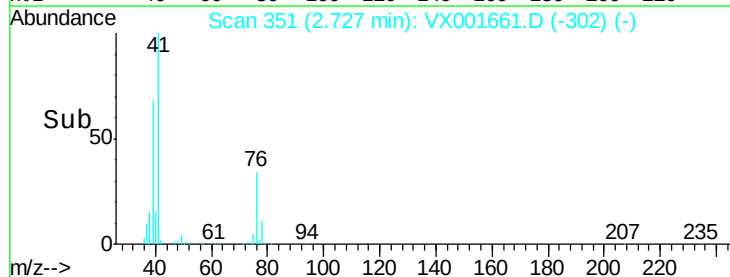
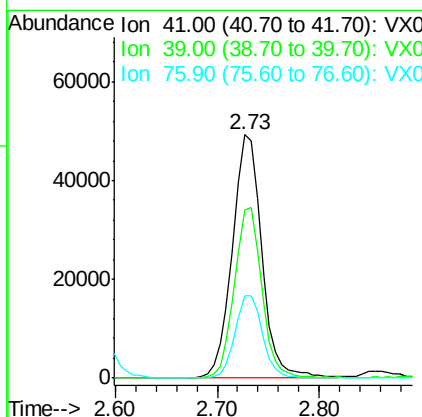
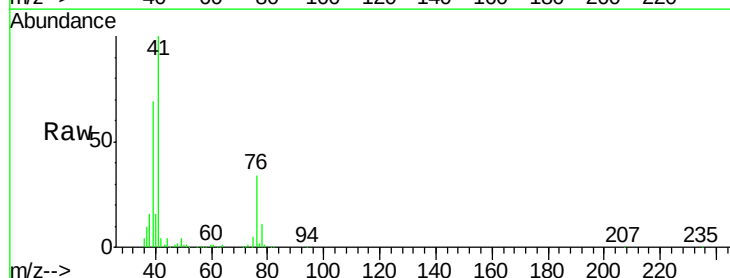
Manual Integrations
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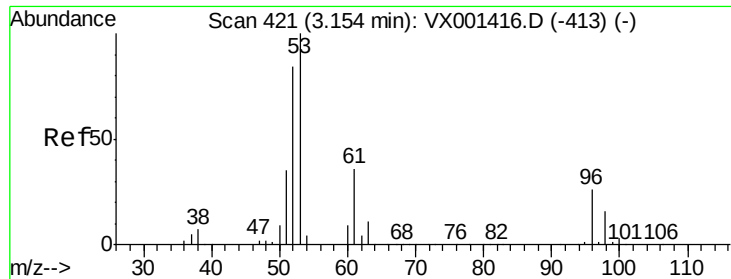
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#14
 Allyl chloride
 Concen: 18.93 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.4	78.6
76	32.0	25.8	38.6





#15

Acrylonitrile

Concen: 92.97 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

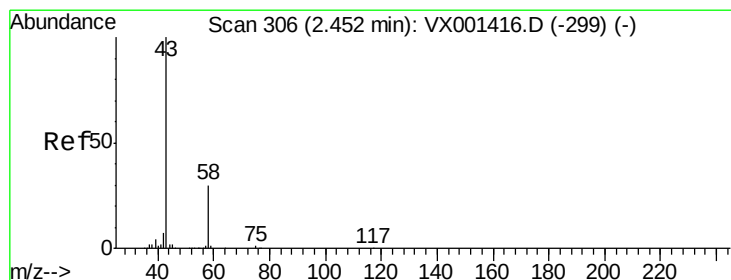
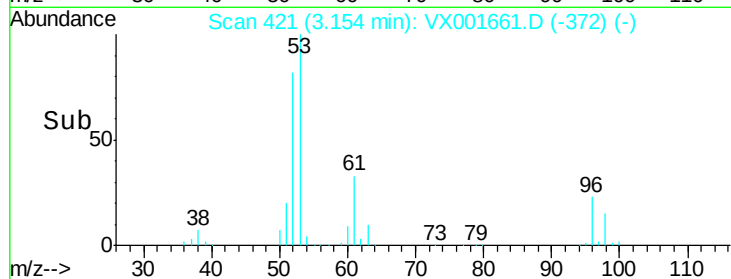
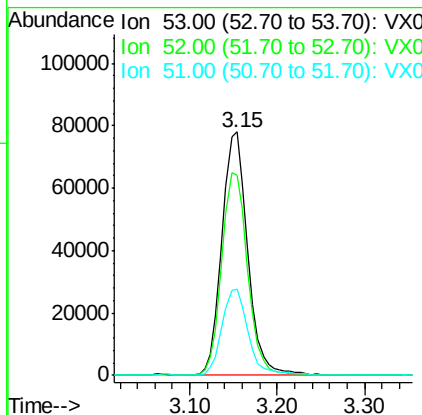
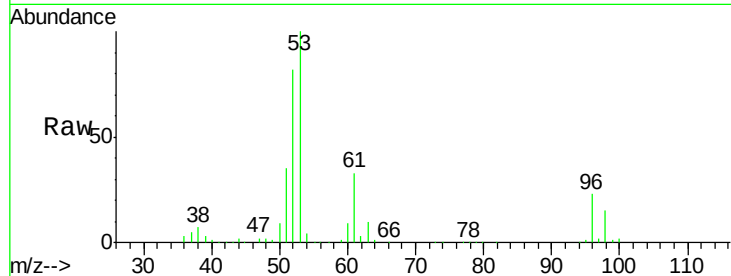
ClientSampled :

VX0512WBS01

Tot Ion:	53	Resp:	159569
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.2	99.2
51	36.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 97.89 ug/l

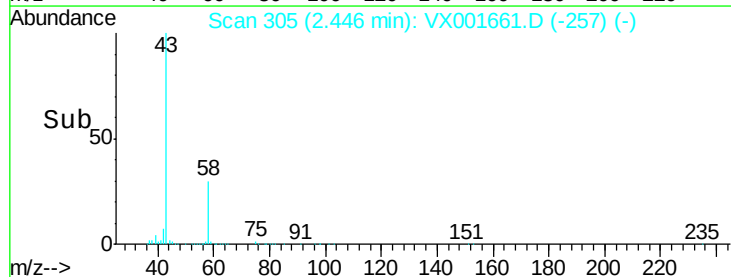
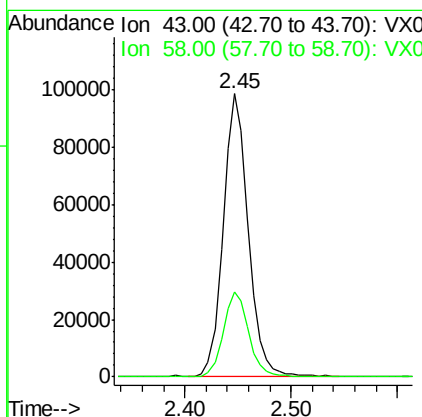
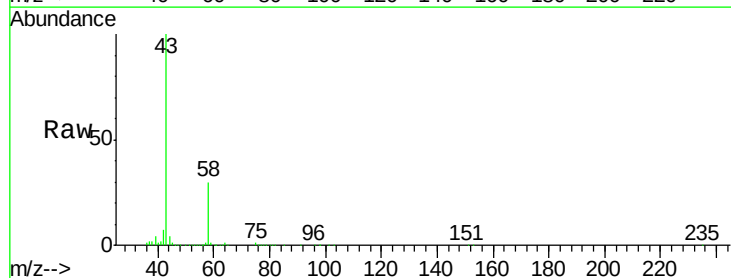
RT: 2.45 min Scan# 305

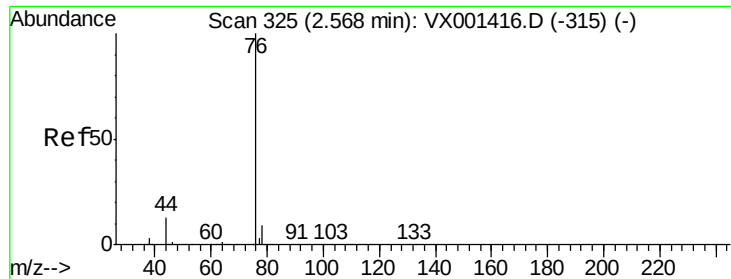
Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion:	43	Resp:	160130
Ion Ratio	Lower	Upper	
43	100		
58	29.9	23.8	35.8





#17

Carbon Disulfide

Concen: 16.48 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 76 Resp: 116302

Ion Ratio Lower Upper

76 100

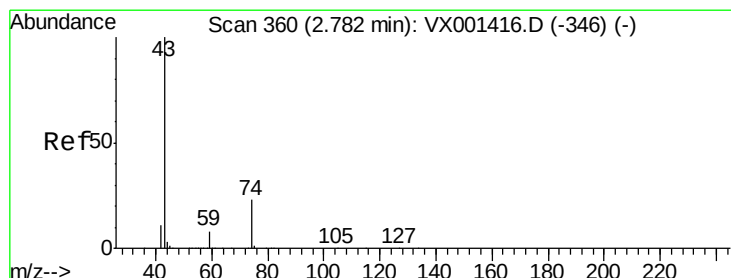
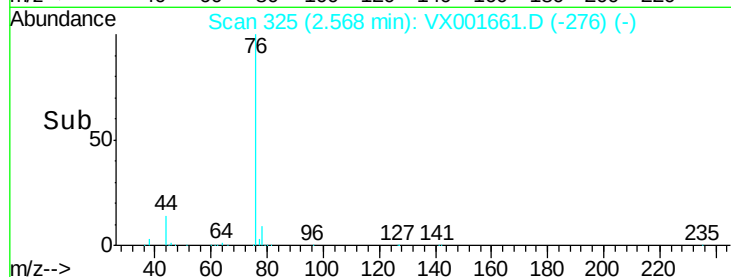
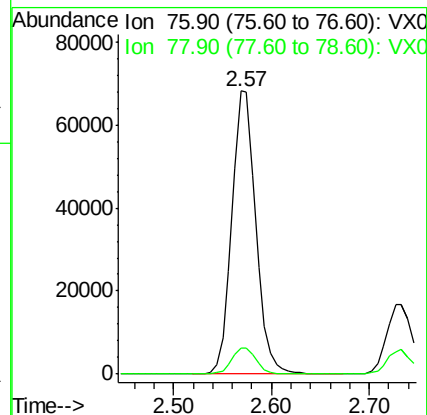
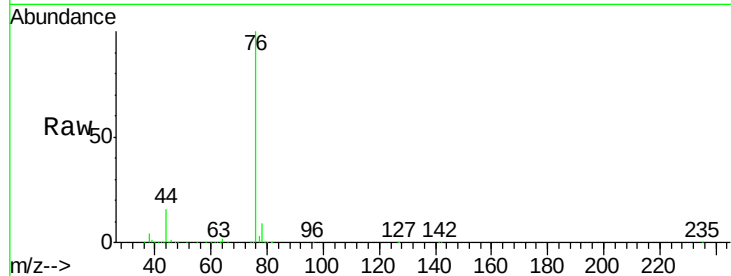
78 9.3 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 20.95 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001661.D

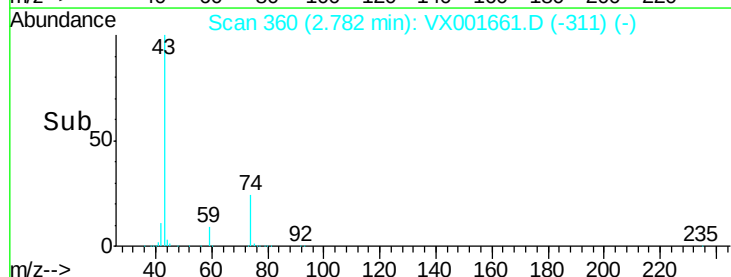
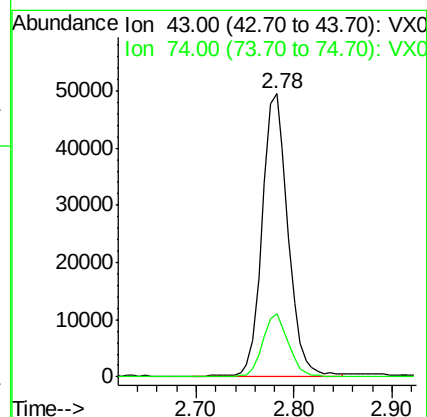
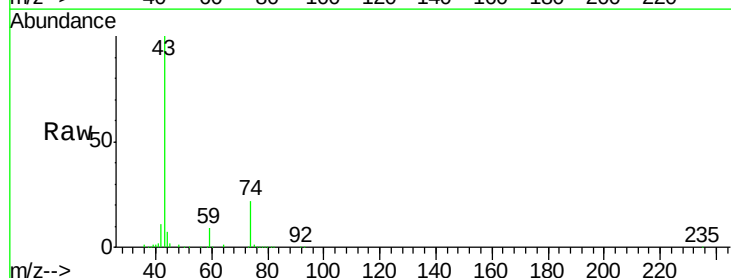
Acq: 12 May 2018 12:43

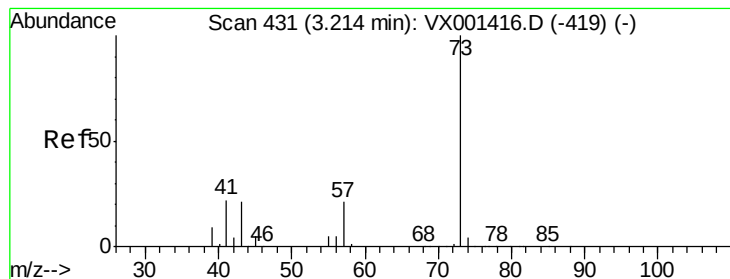
Tgt Ion: 43 Resp: 90032

Ion Ratio Lower Upper

43 100

74 22.9 18.6 27.8





#19

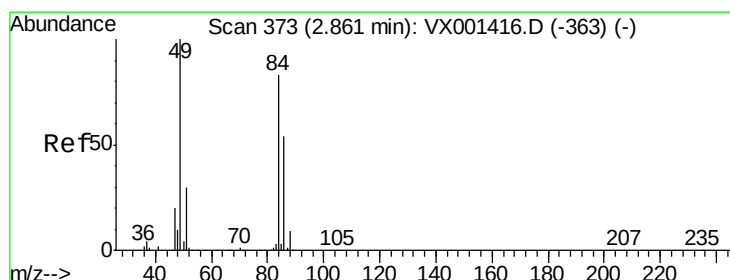
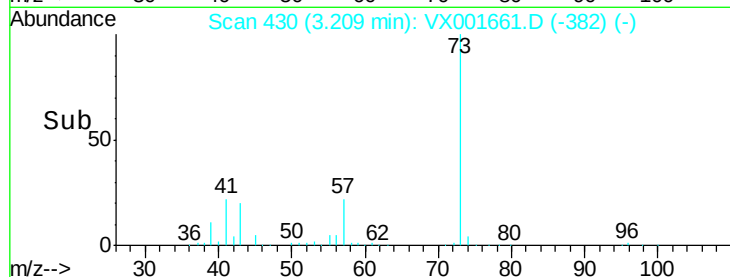
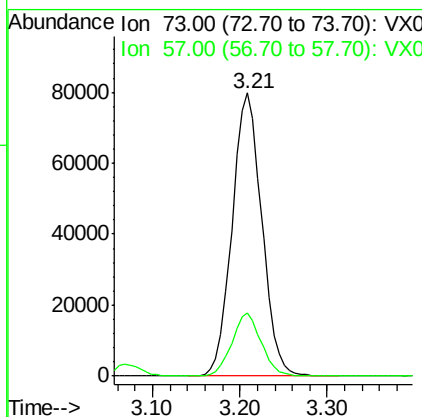
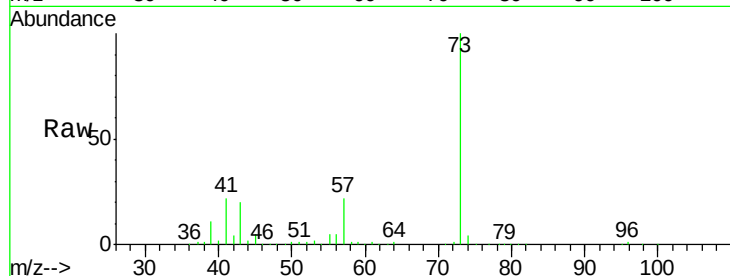
Methyl tert-butyl Ether
 Concen: 19.52 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	73	Resp	188528
Ion Ratio	100	Lower	Upper
73	100		
57	22.3	17.0	25.6

Manual Integrations
 APPROVED

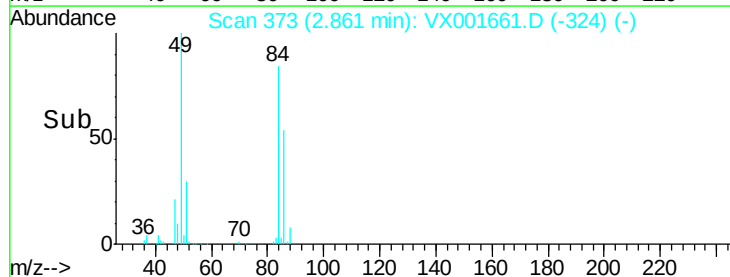
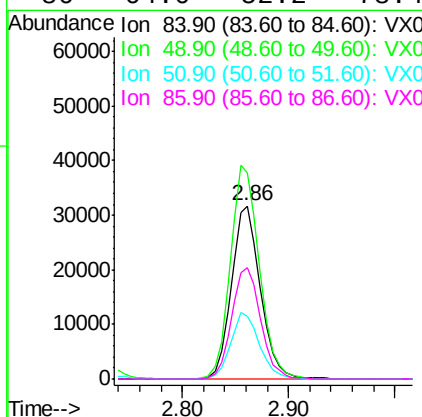
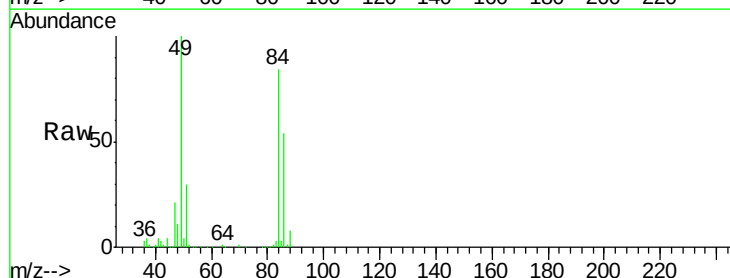
apatel
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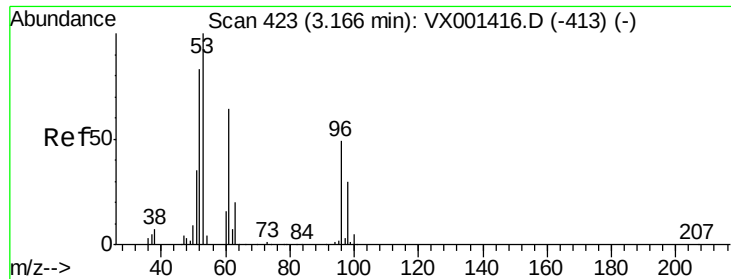


#20

Methylene Chloride
 Concen: 18.62 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	84	Resp	60312
Ion Ratio	100	Lower	Upper
84	100		
49	119.2	96.6	144.8
51	35.8	29.0	43.4
86	64.0	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 17.80 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

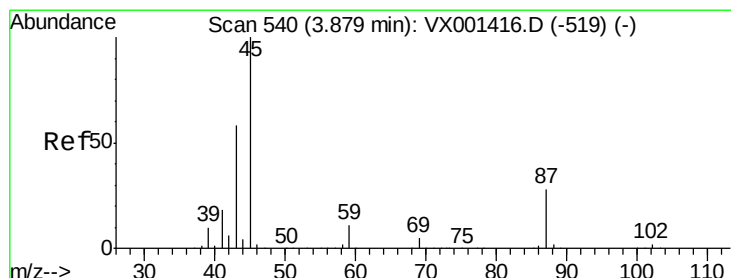
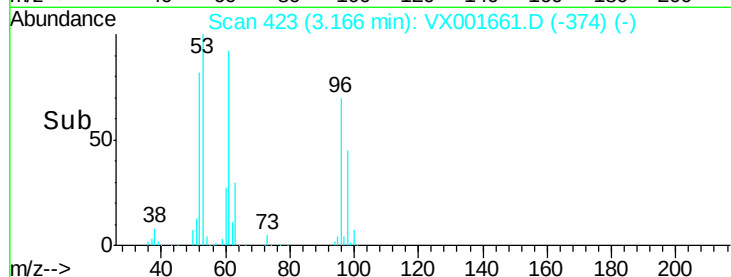
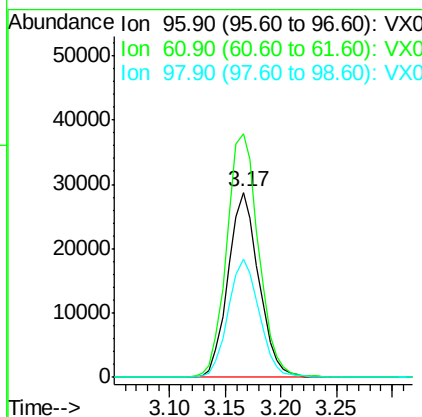
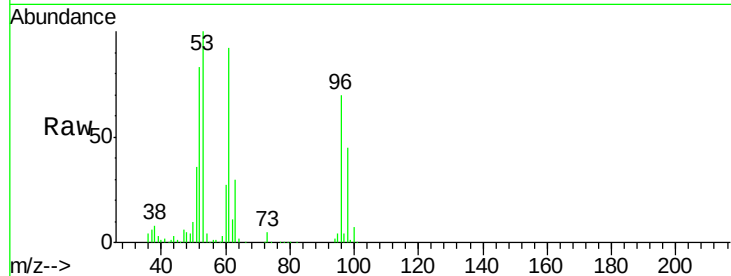
ClientSampled :

VX0512WBS01

Tot Ion:	96	Resp:	55102
Ion	Ratio	Lower	Upper
96	100		
61	131.1	105.0	157.4
98	64.0	49.9	74.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.12 ug/l

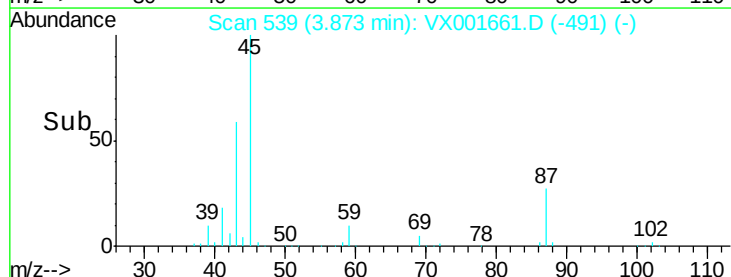
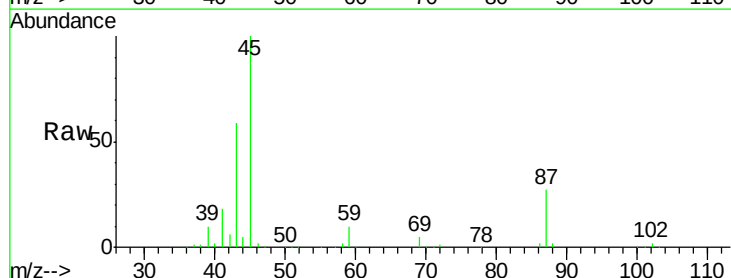
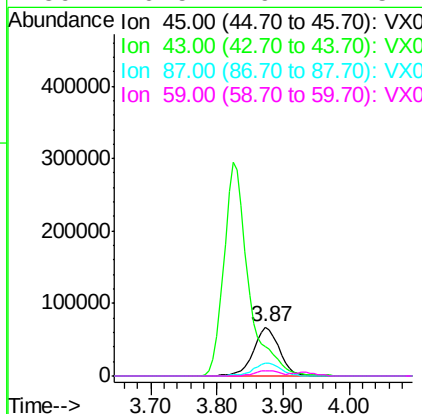
RT: 3.87 min Scan# 539

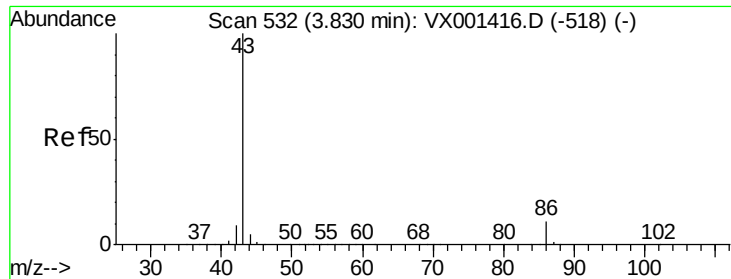
Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion:	45	Resp:	184701
Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.5	69.7
87	26.6	22.6	34.0
59	10.5	9.1	13.7





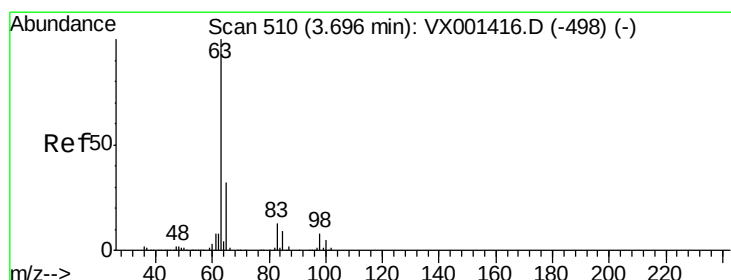
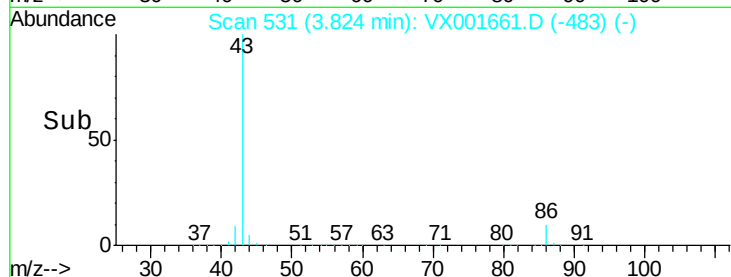
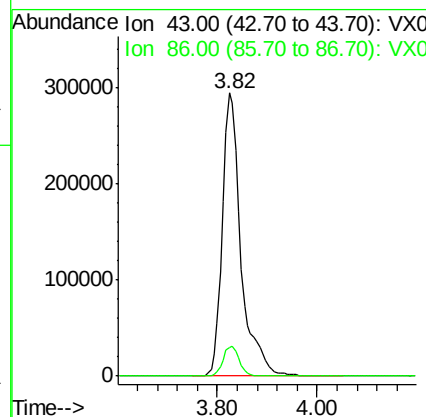
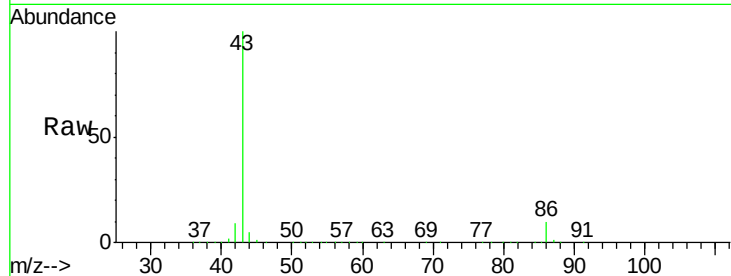
#23
 Vinyl Acetate
 Concen: 94.85 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	43	Resp	763779
Ion Ratio	100	Lower	Upper
43	100		
86	10.2	8.6	13.0

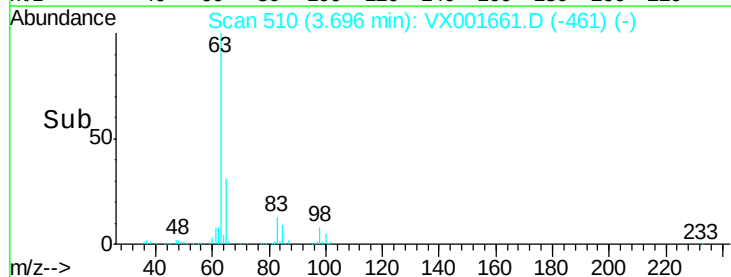
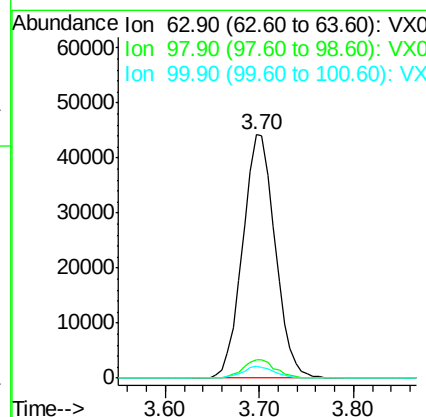
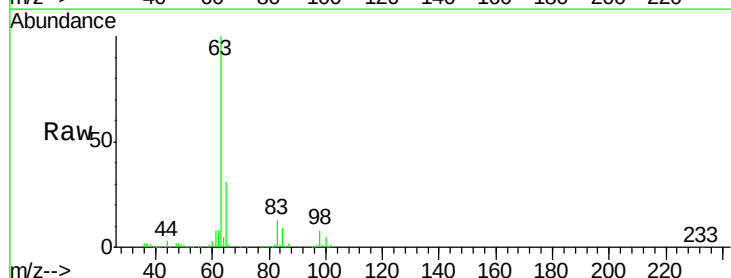
Manual Integrations
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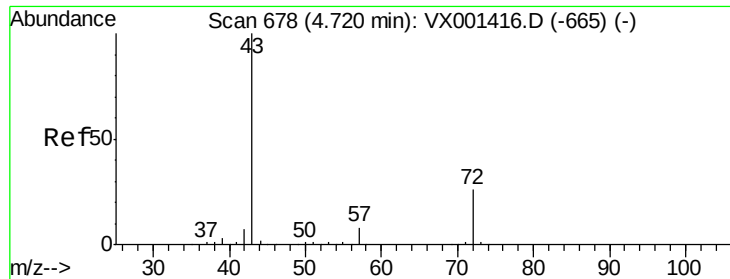
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#24
 1,1-Dichloroethane
 Concen: 19.69 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	63	Resp	106258
Ion Ratio	100	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.8	2.4	7.1





#25

2-Butanone

Concen: 95.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 43 Resp: 224884

Ion Ratio Lower Upper

43 100

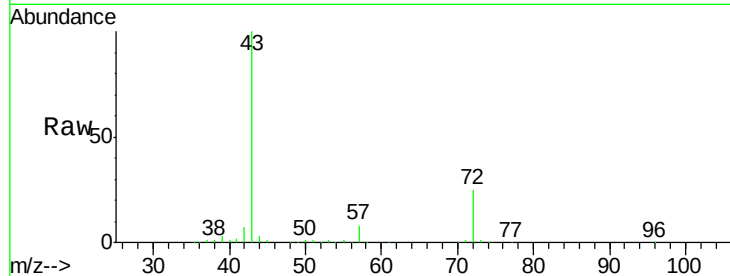
72 25.3 20.7 31.1

Manual Integrations

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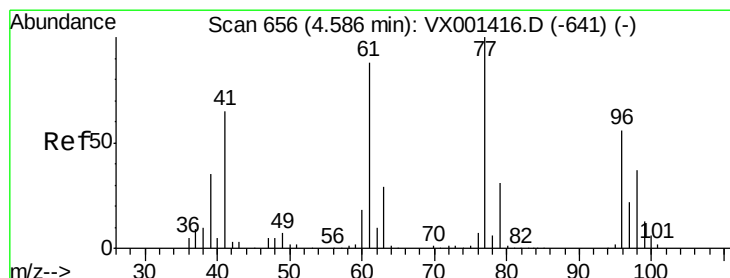
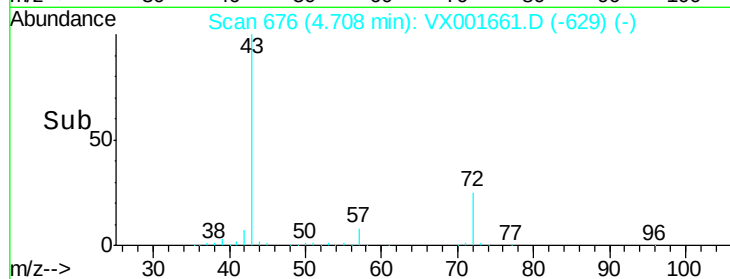
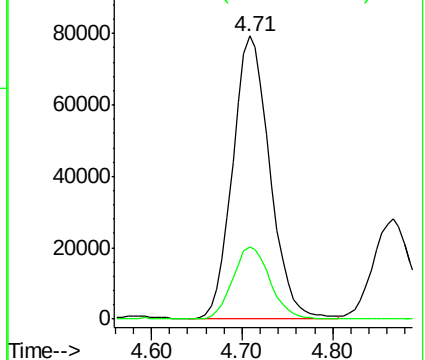
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.88 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001661.D

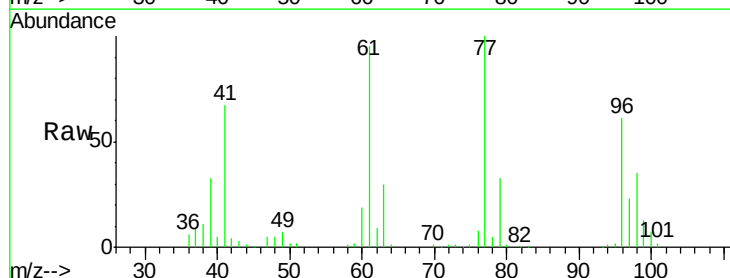
Acq: 12 May 2018 12:43

Tgt Ion: 77 Resp: 87013

Ion Ratio Lower Upper

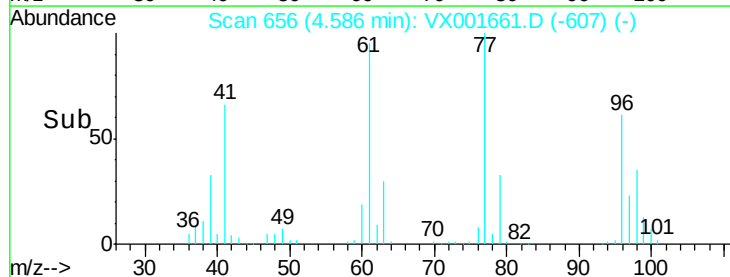
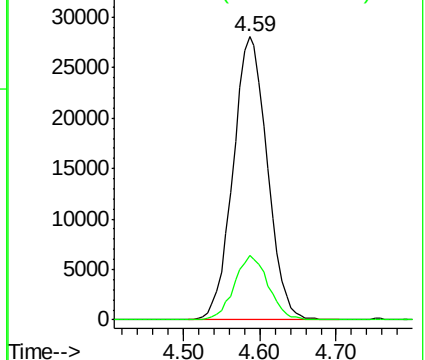
77 100

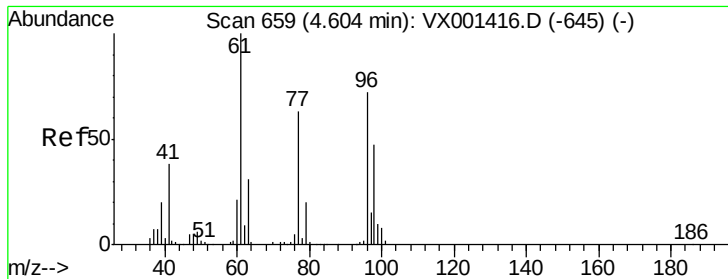
97 22.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

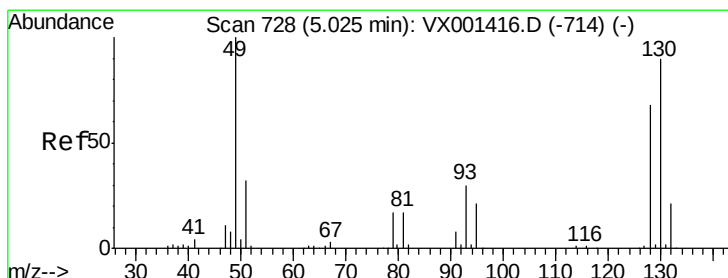
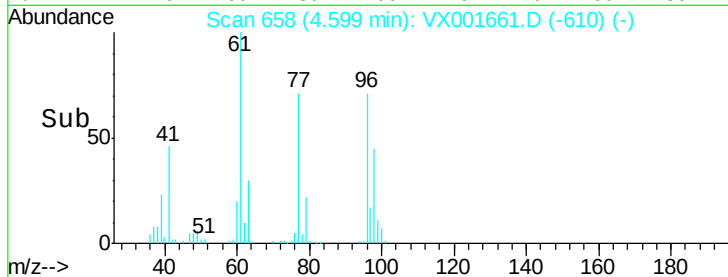
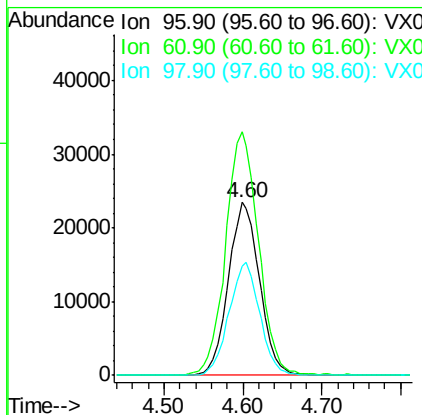
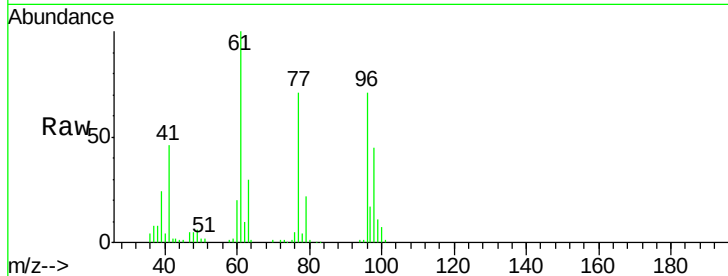
cis-1,2-Dichloroethene
Concen: 19.55 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	301.6
98	64.5	0.0	131.6

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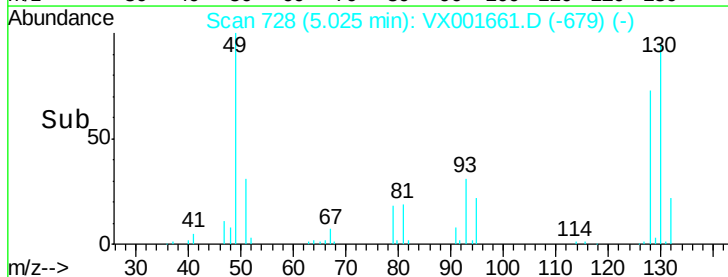
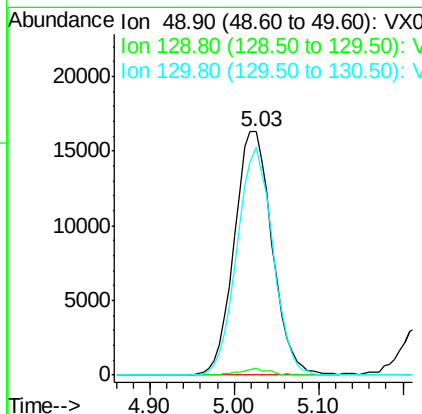
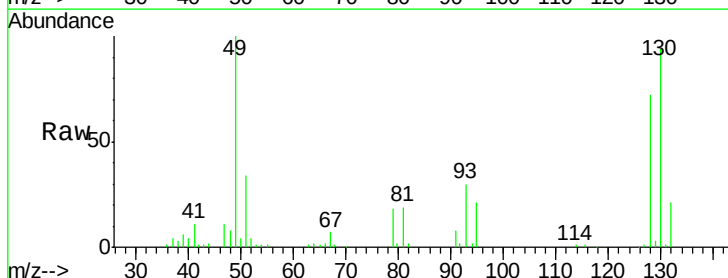
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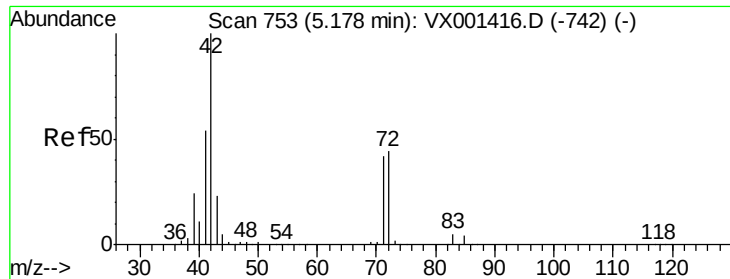


#28

Bromochloromethane
Concen: 21.20 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	88.7	71.9	107.9





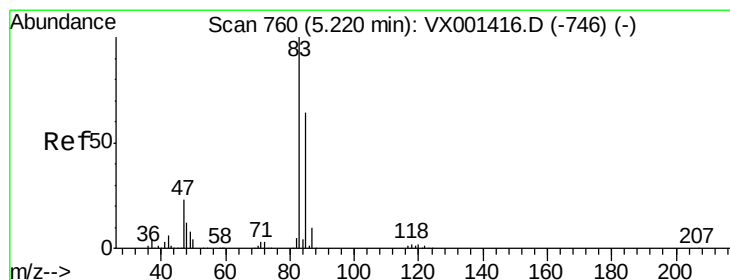
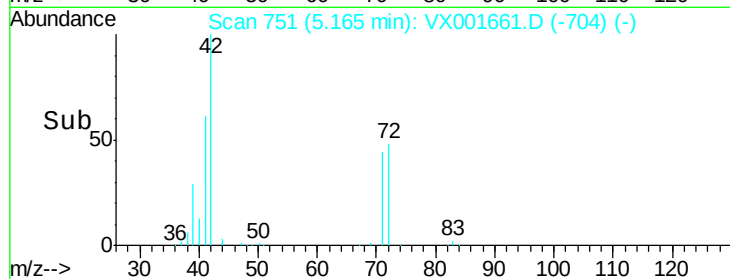
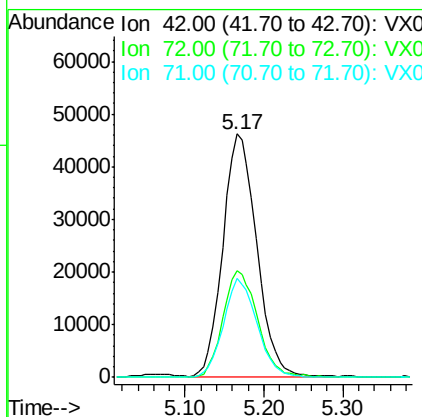
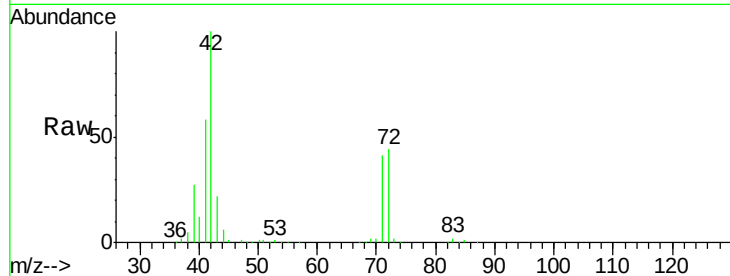
#29
Tetrahydrofuran
Concen: 90.79 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.4	53.2
71	40.6	33.0	49.4

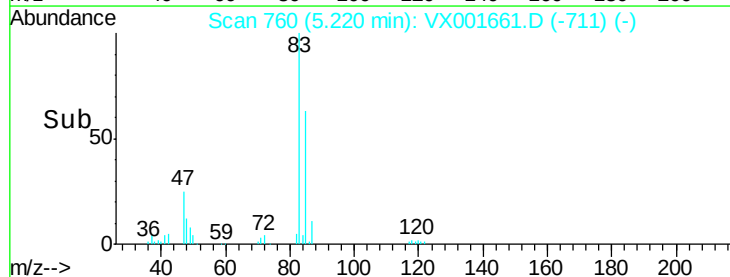
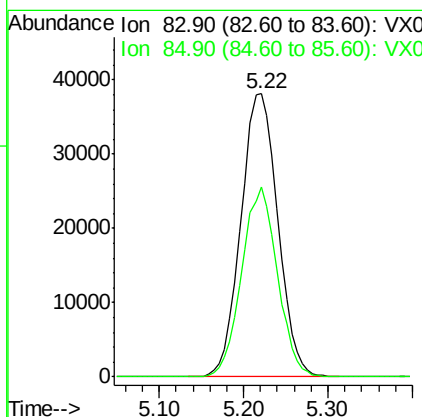
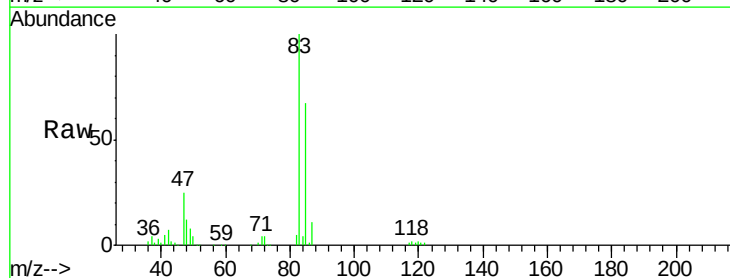
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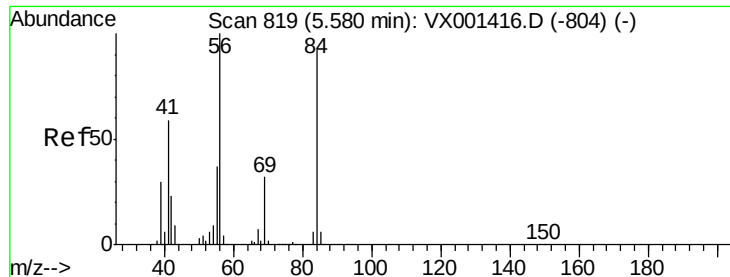
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#30
Chloroform
Concen: 20.41 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.0	76.4





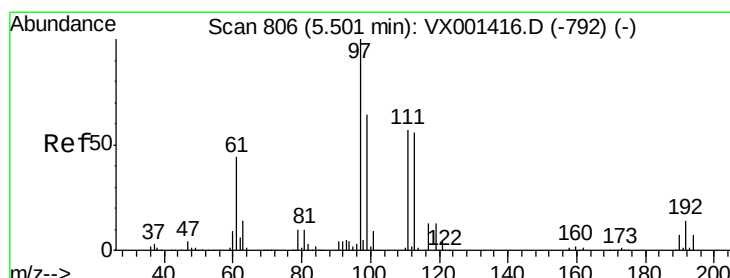
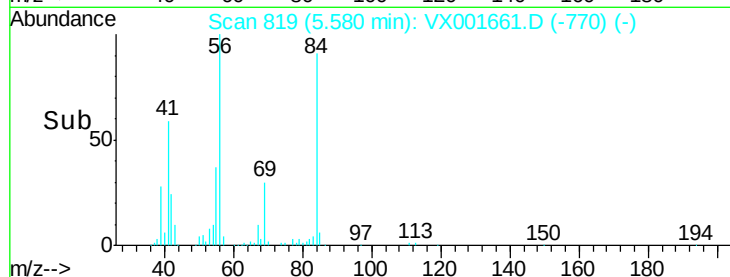
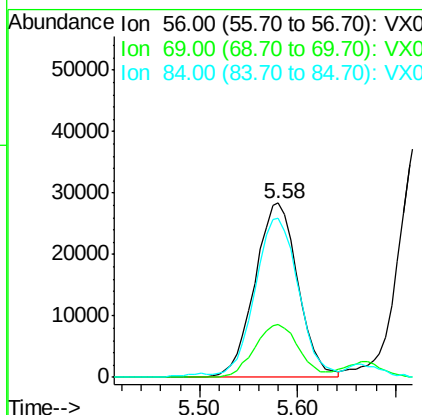
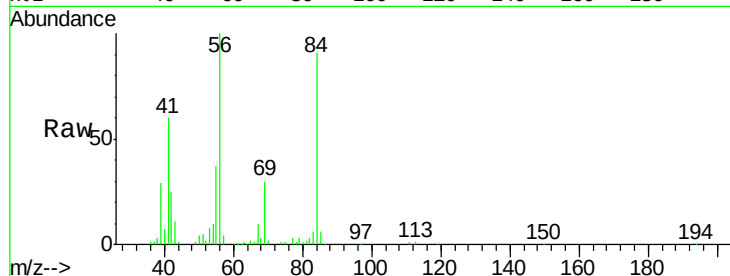
#31
Cyclohexane
Concen: 18.75 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.4	38.0
84	89.6	73.8	110.8

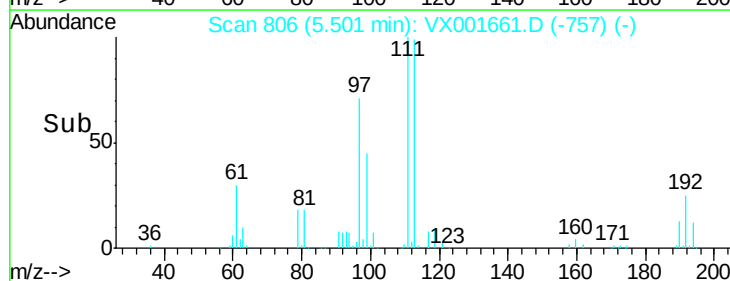
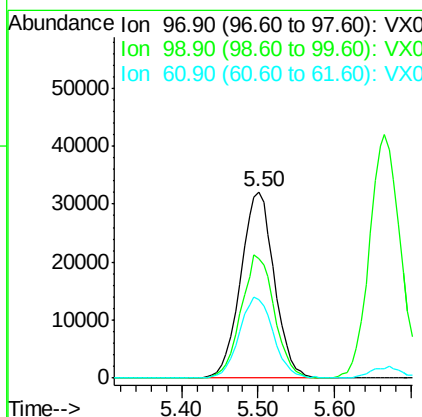
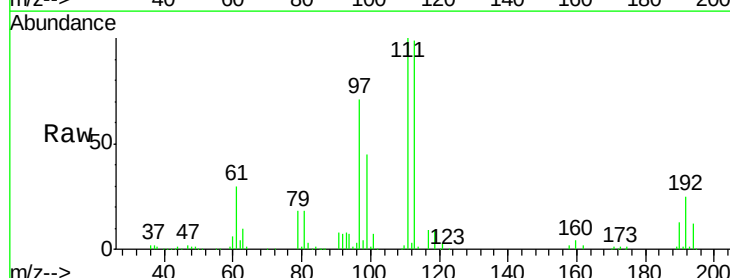
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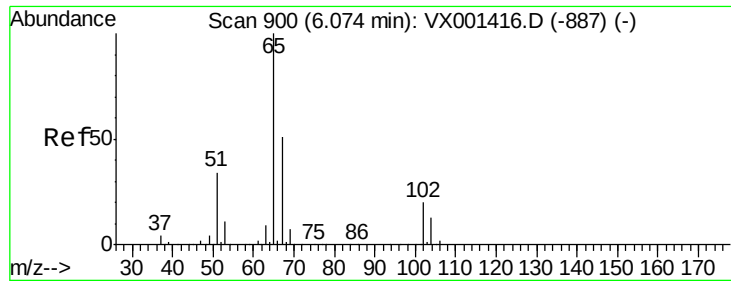
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#32
1,1,1-Trichloroethane
Concen: 20.12 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.3	76.9
61	44.1	34.8	52.2





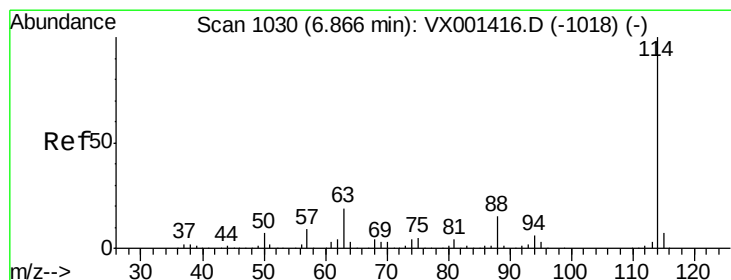
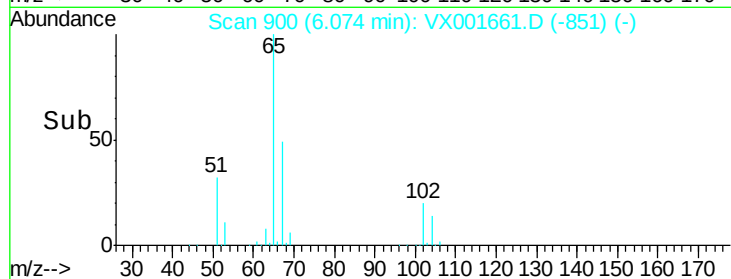
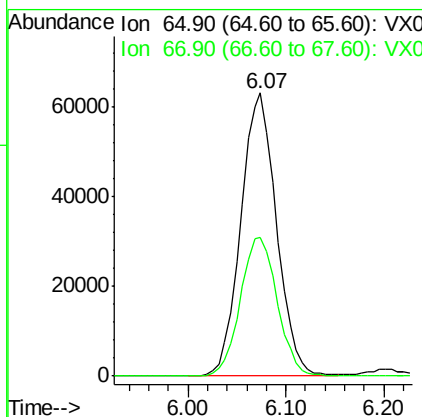
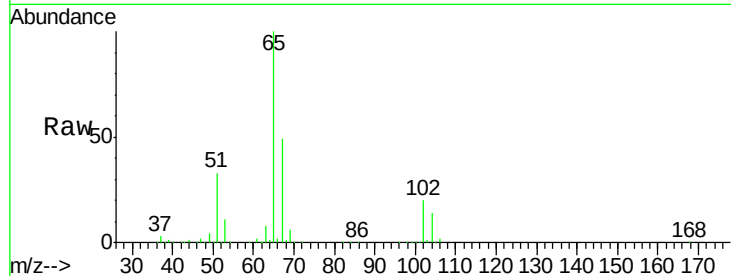
#33
 1,2-Dichloroethane-d4
 Concen: 44.39 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159919		
67	50.8	0.0	101.8	

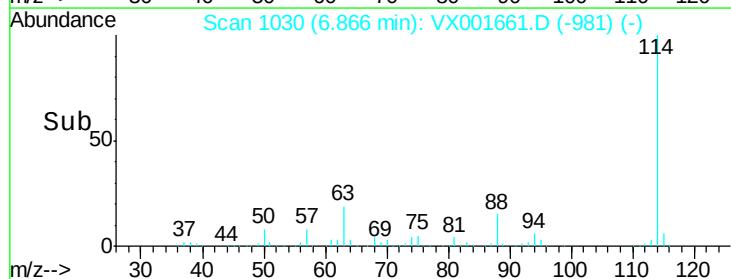
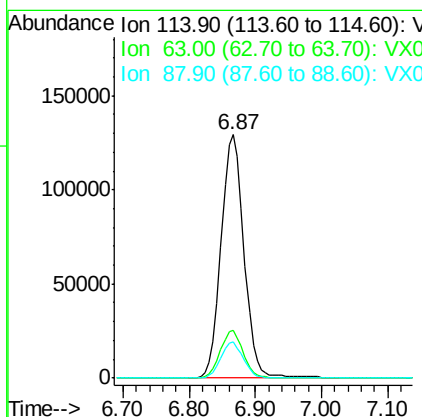
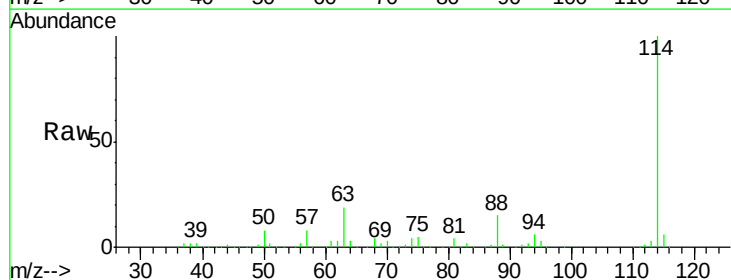
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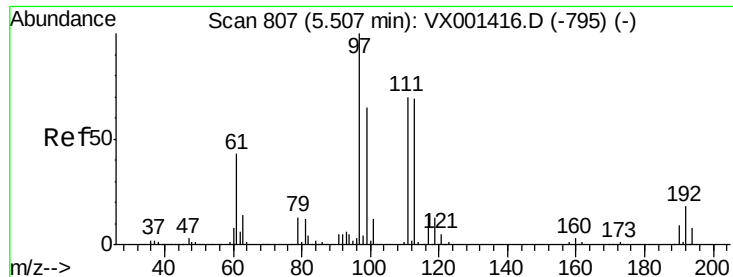
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	310700		
63	19.5	0.0	38.6	
88	14.7	0.0	30.8	





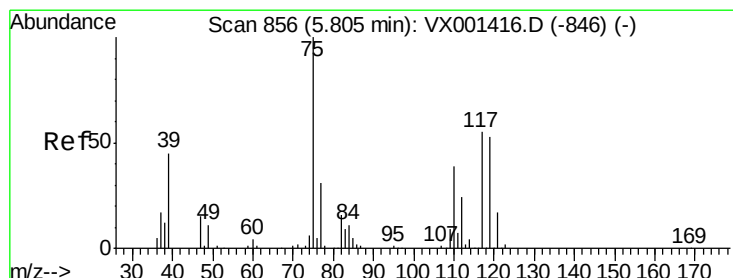
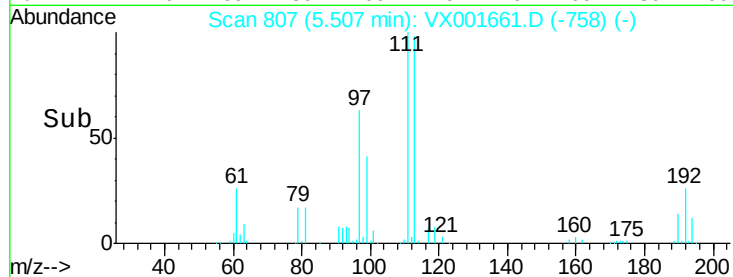
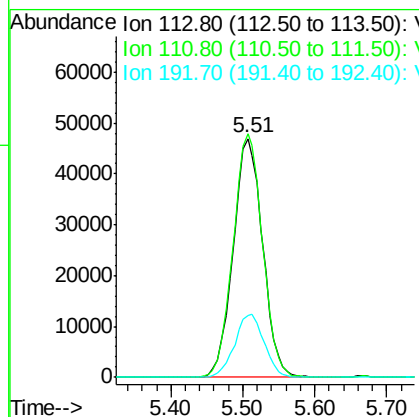
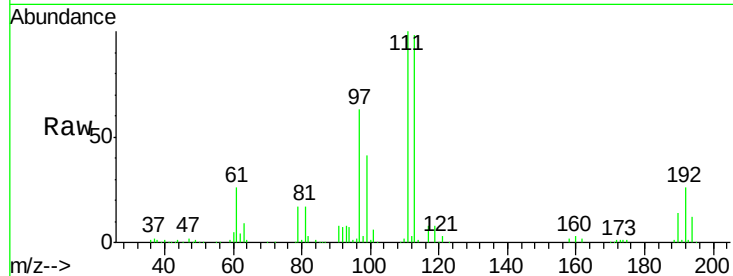
#35
 Dibromofluoromethane
 Concen: 48.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133210		
111	101.7	82.2	123.2	
192	26.5	21.4	32.0	

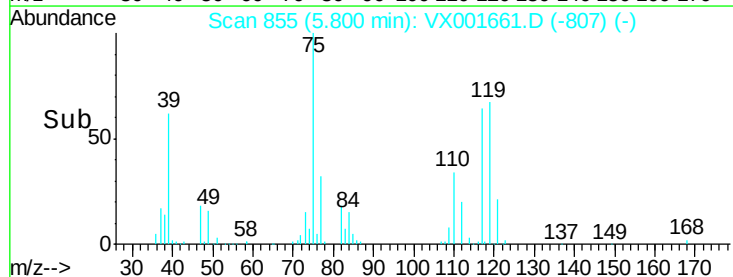
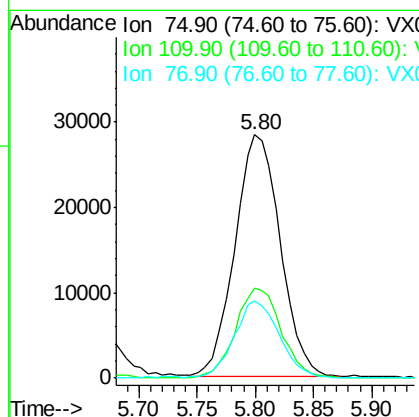
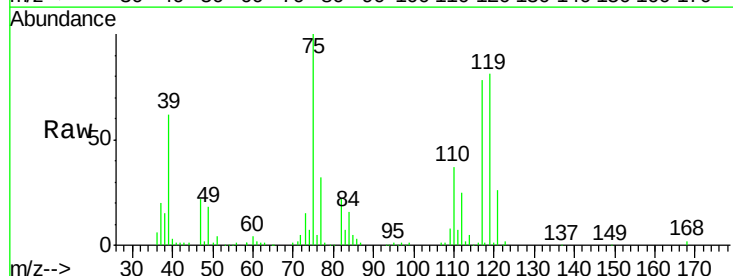
Manual Integrations
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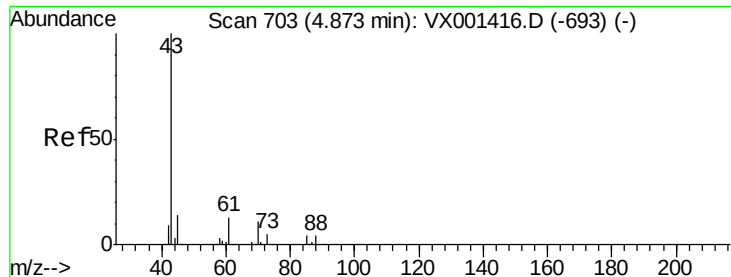
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#36
 1,1-Dichloropropene
 Concen: 19.56 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77310		
110	37.4	18.9	56.7	
77	31.4	24.9	37.3	





#37

Ethyl Acetate

Concen: 18.72 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

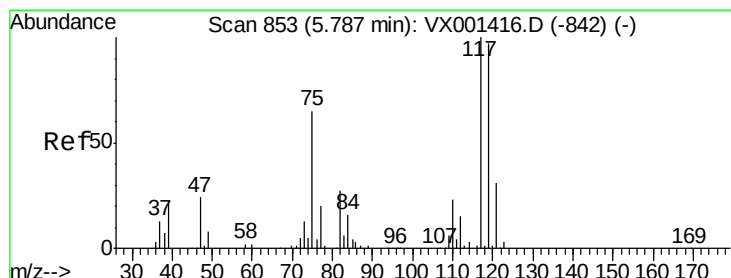
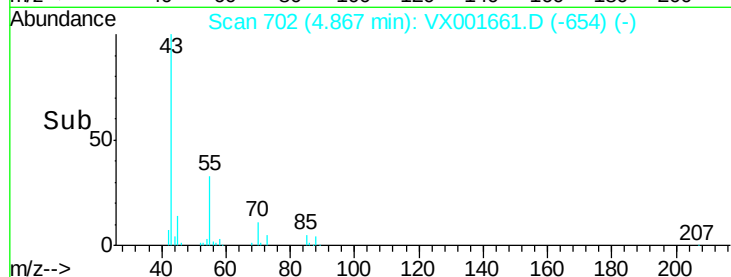
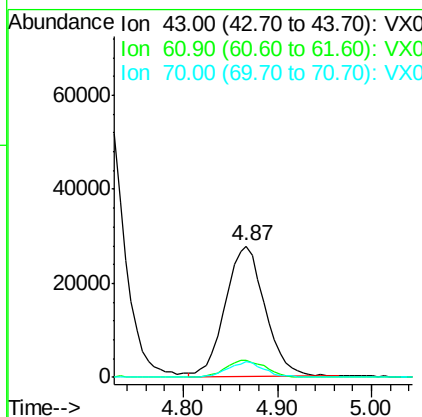
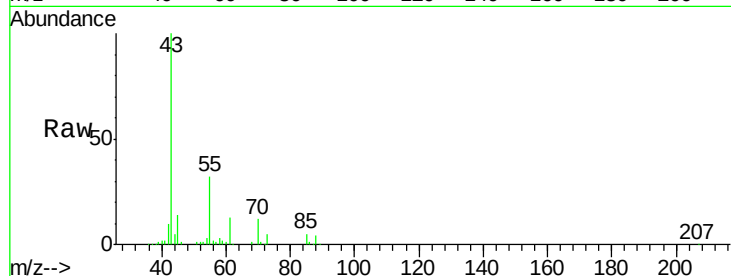
ClientSampleId :

VX0512WBS01

Tot Ion:	43	Resp:	81119
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	11.1	8.4	12.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.71 ug/l

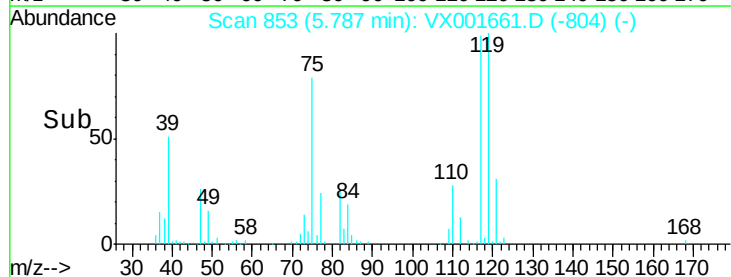
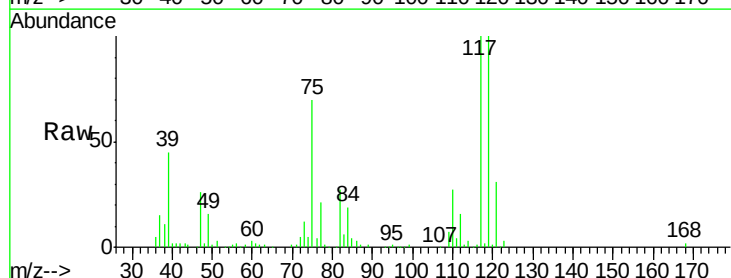
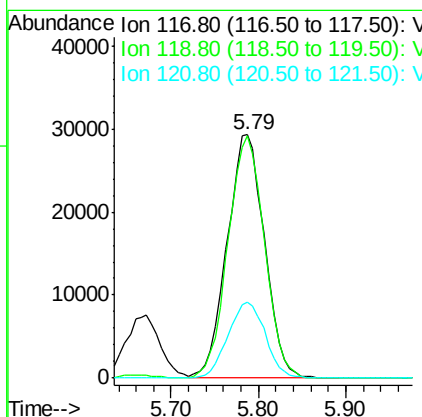
RT: 5.79 min Scan# 853

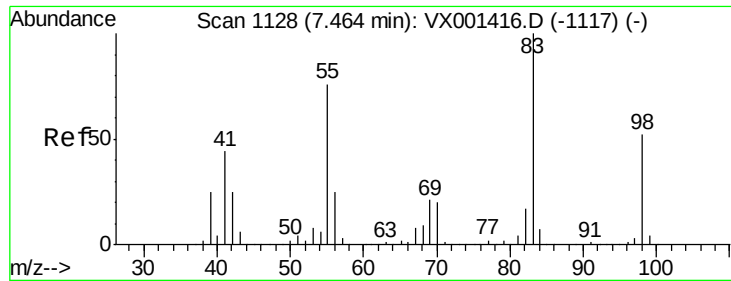
Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion:	117	Resp:	87297
Ion	Ratio	Lower	Upper
117	100		
119	99.7	77.0	115.6
121	31.1	25.1	37.7





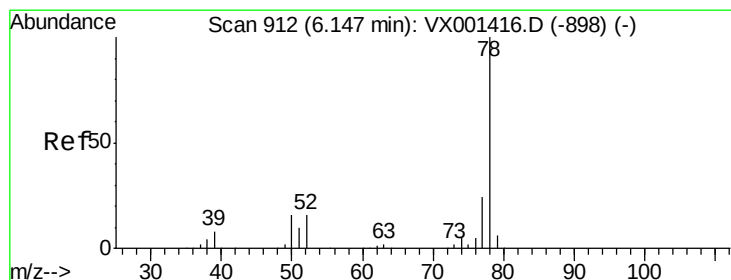
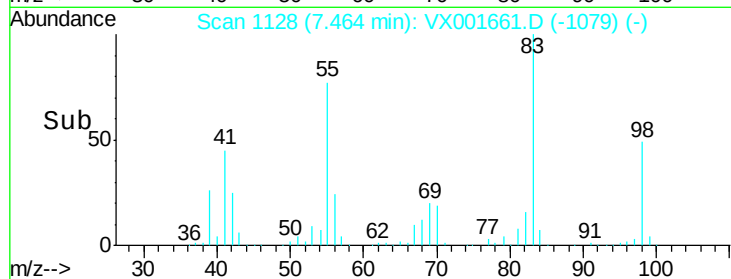
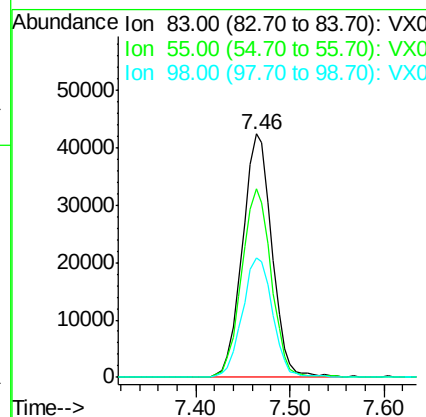
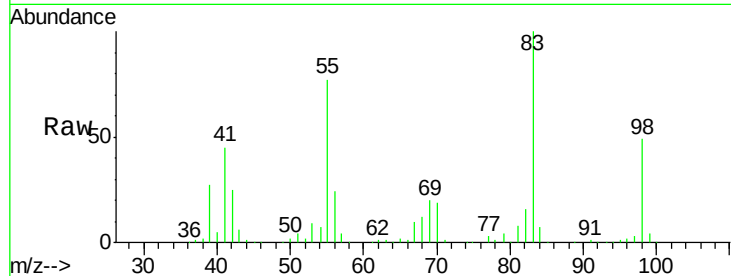
#39
Methylvlcyclohexane
Concen: 19.74 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.9	91.3
98	49.0	41.9	62.9

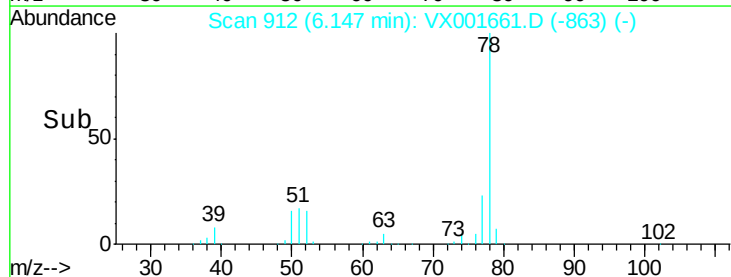
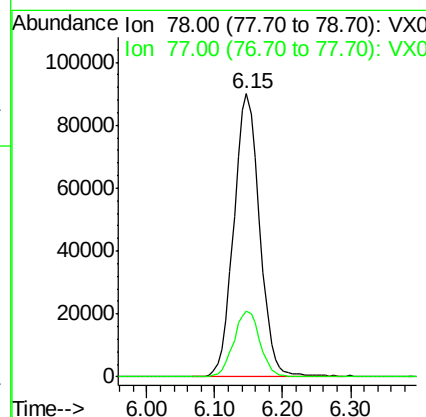
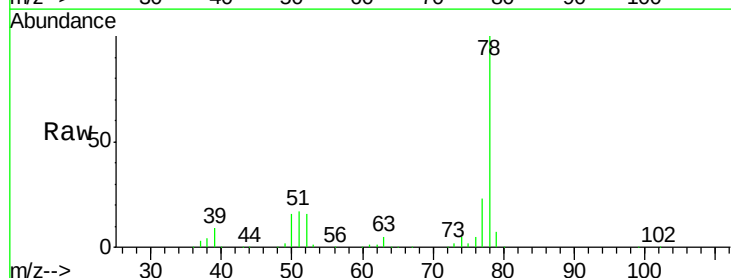
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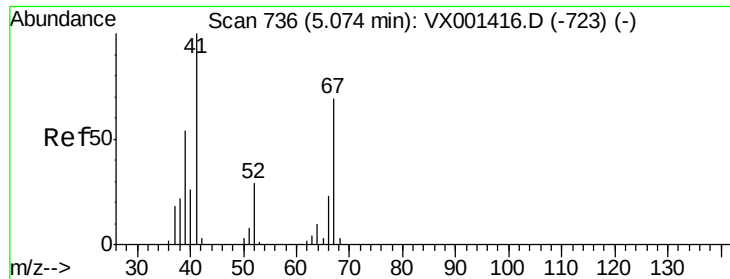
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#40
Benzene
Concen: 20.51 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2





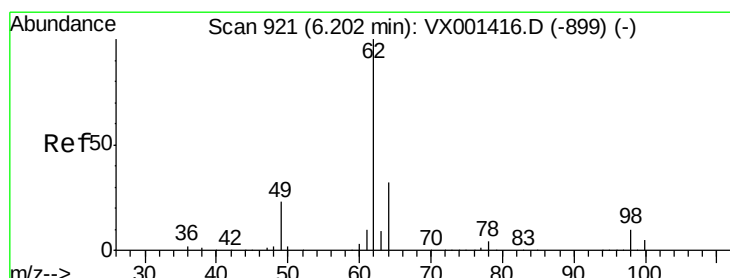
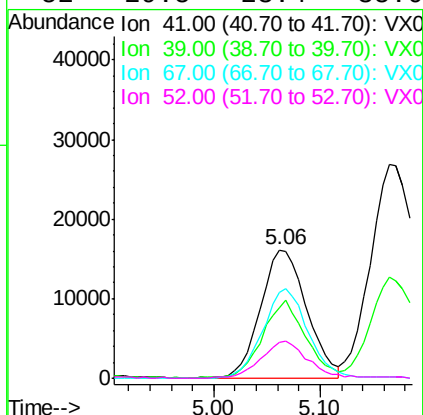
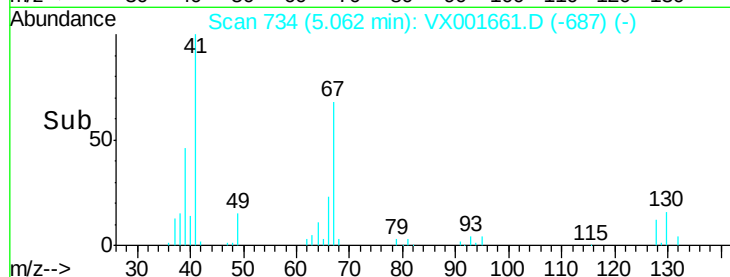
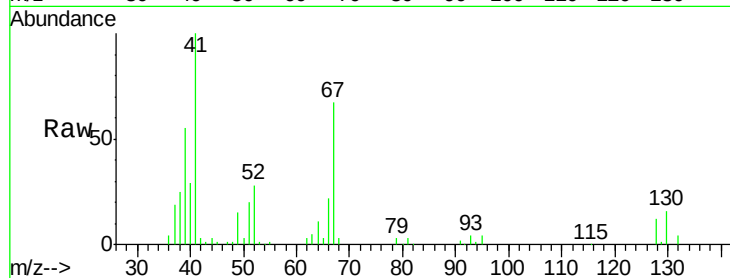
#41
Methacrylonitrile
Concen: 19.70 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		48843		
39	55.7	45.0	67.6		
67	67.7	55.0	82.6		
52	29.5	23.4	35.0		

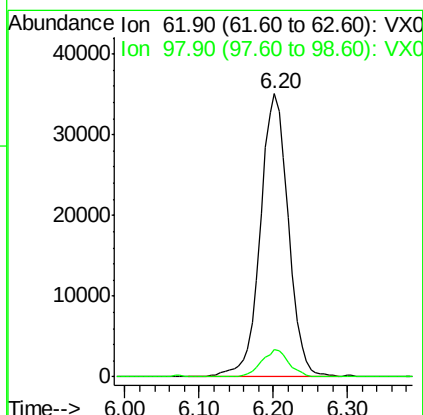
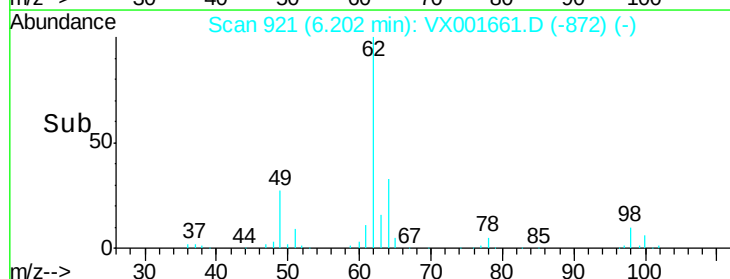
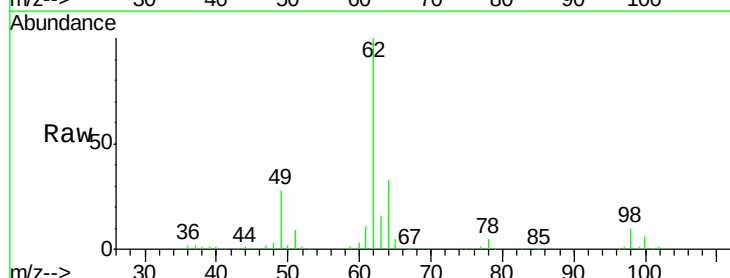
Manual Integrations
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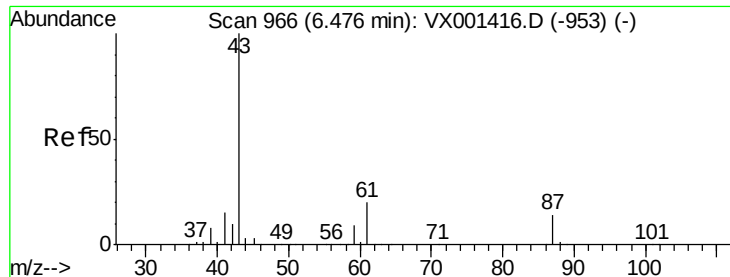
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#42
1,2-Dichloroethane
Concen: 20.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		92611		
98	9.3	0.0	19.0		





#43

Isopropyl Acetate

Concen: 19.48 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

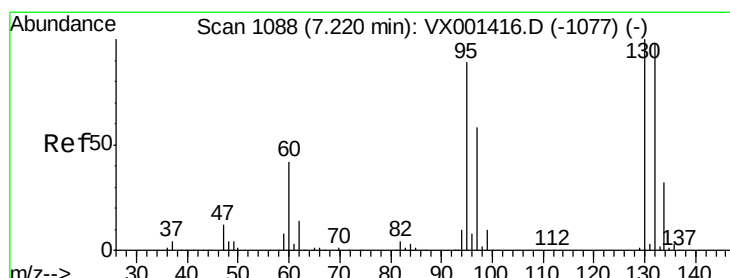
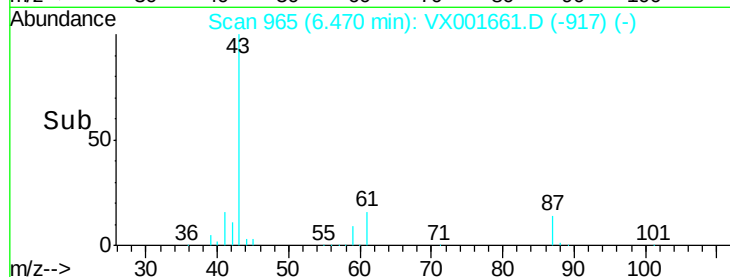
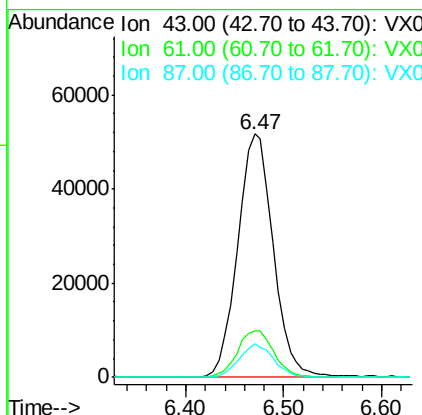
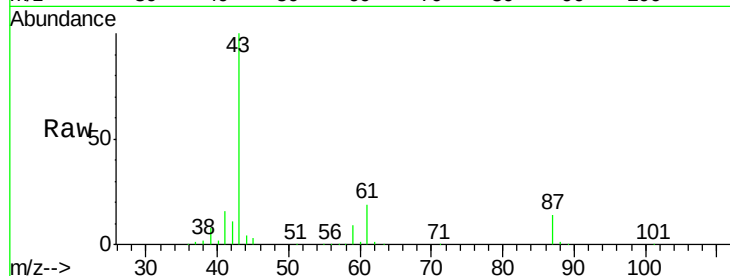
ClientSampleId :

VX0512WBS01

Tot Ion:	43	Resp:	129566
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.4	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 20.40 ug/l

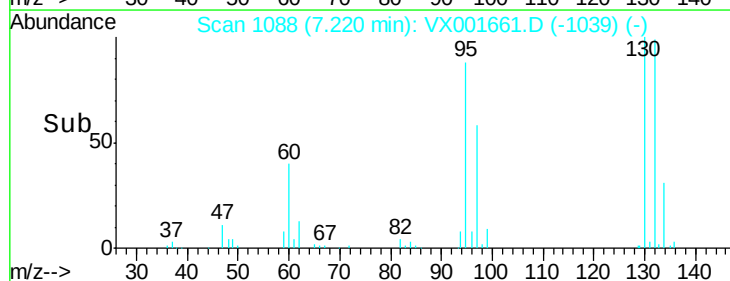
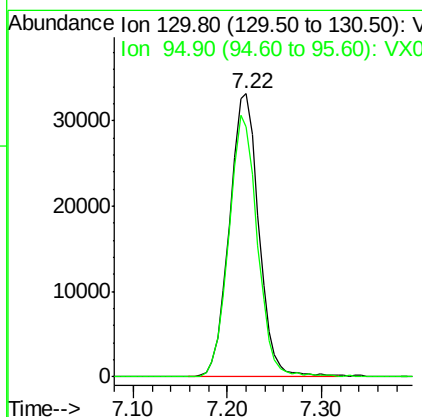
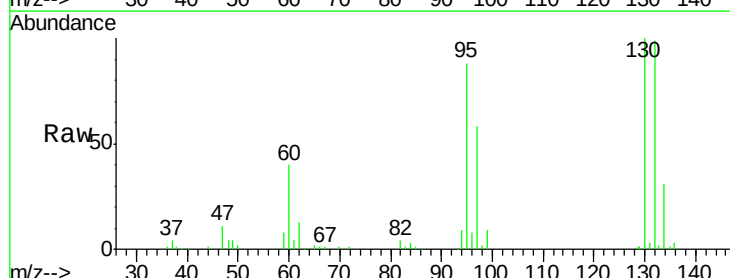
RT: 7.22 min Scan# 1088

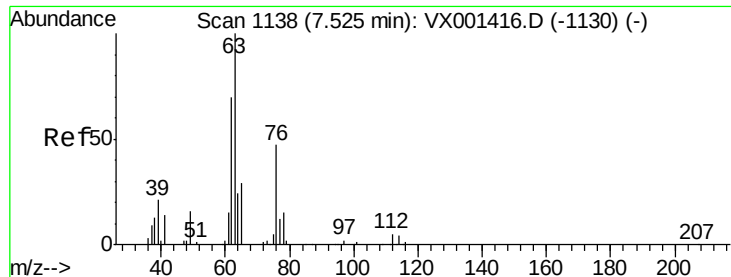
Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion:	130	Resp:	71974
Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	178.4





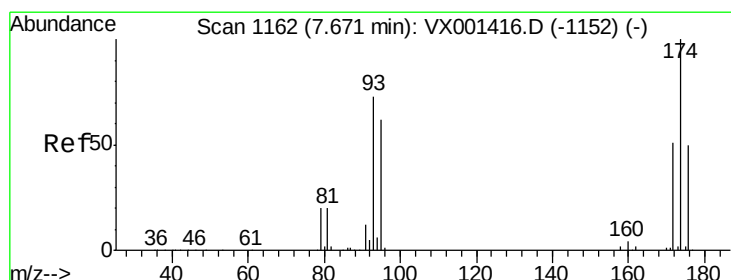
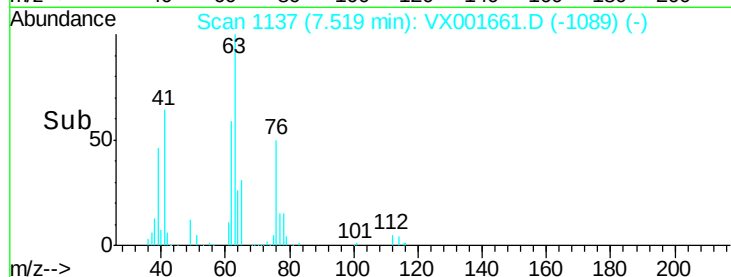
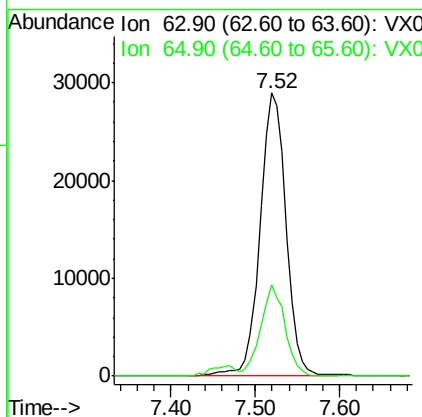
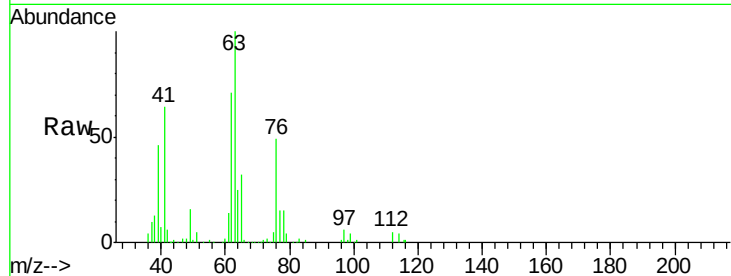
#45
 1,2-Dichloropropane
 Concen: 21.42 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.5	36.7

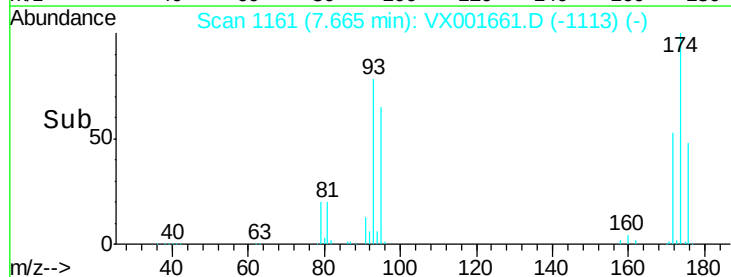
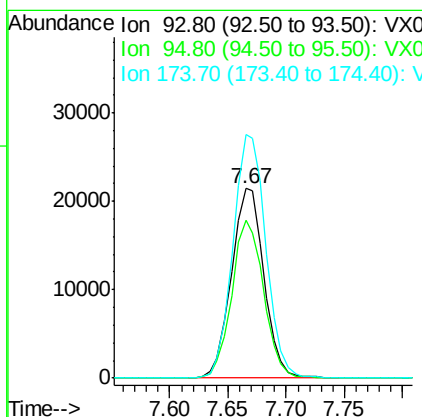
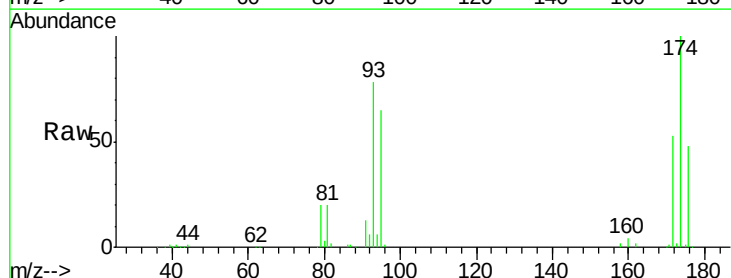
Manual Integrations
 APPROVED

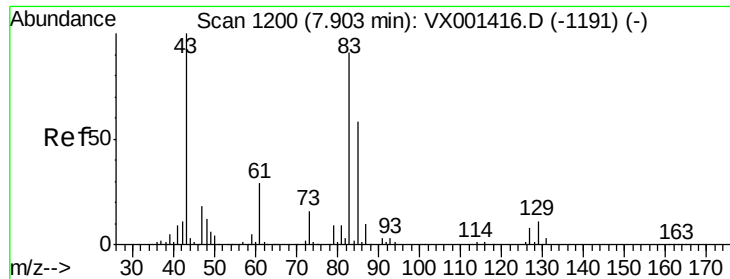
apatel
 5/15/2018 6:31:43 PM



#46
 Dibromomethane
 Concen: 20.54 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	67.0	100.4
174	129.8	104.5	156.7





#47

Bromodichloromethane

Concen: 21.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001661.D

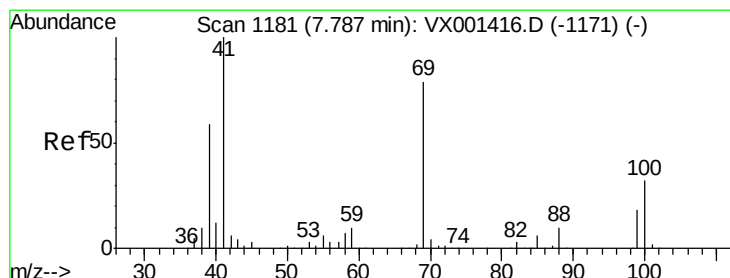
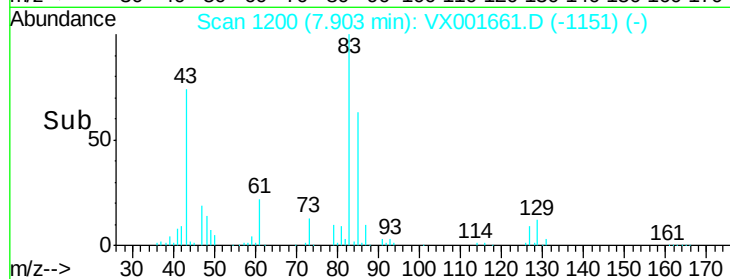
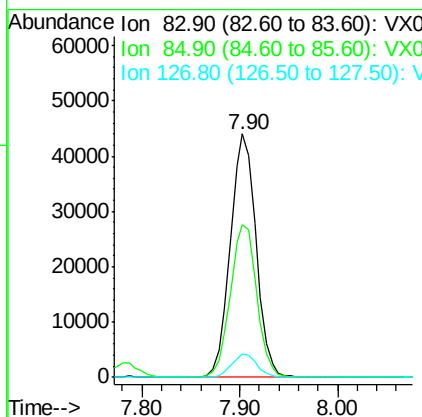
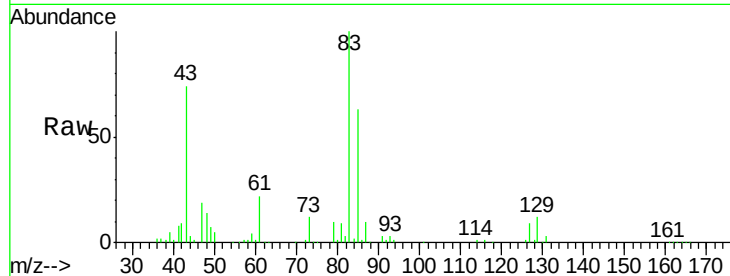
Acq: 12 May 2018 12:43

Tot Ion:	83	Resp:	80200
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.0	76.6
127	9.4	7.4	11.2

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.35 ug/l

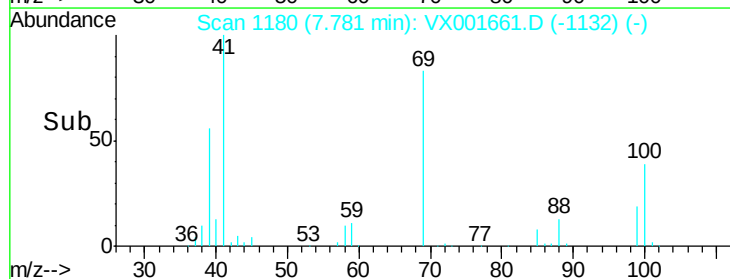
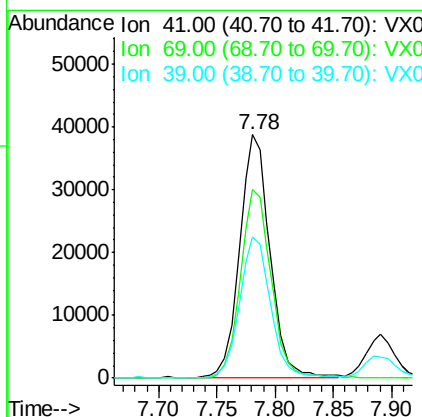
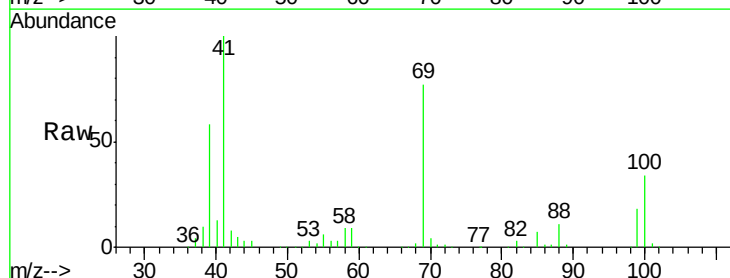
RT: 7.78 min Scan# 1180

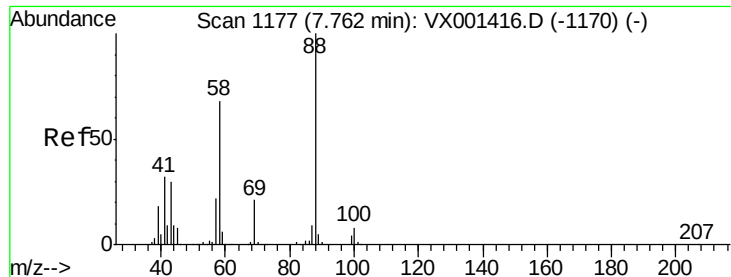
Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion:	41	Resp:	70068
Ion	Ratio	Lower	Upper
41	100		
69	79.0	63.4	95.2
39	59.0	47.0	70.4





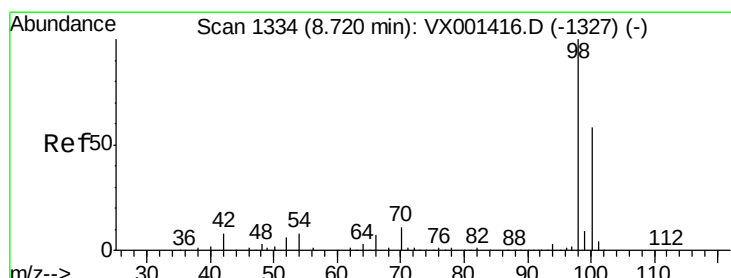
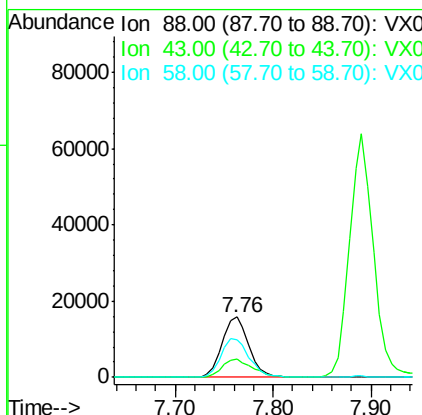
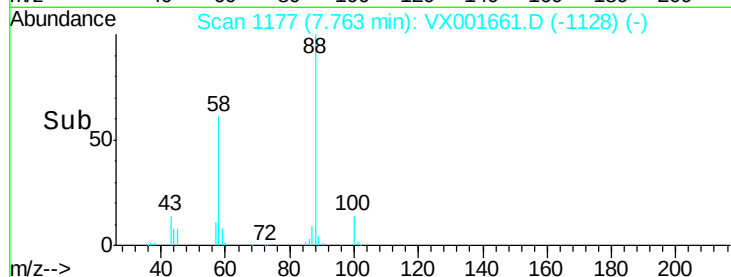
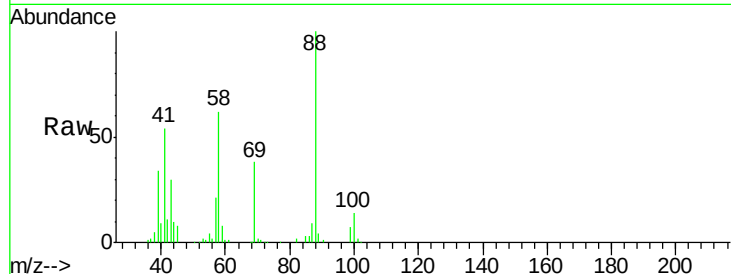
#49
 1,4-Dioxane
 Concen: 387.48 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.4	39.6
58	68.0	54.1	81.1

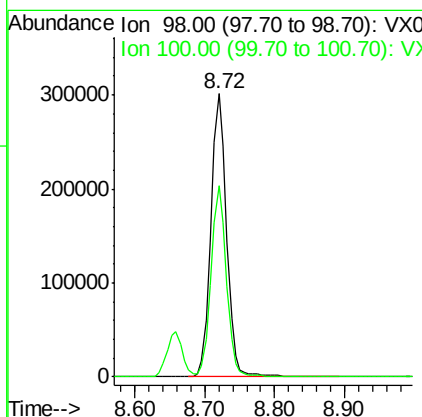
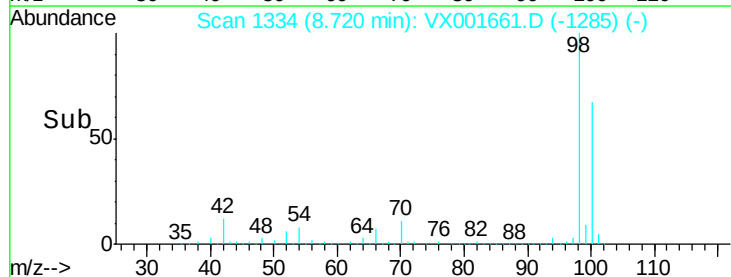
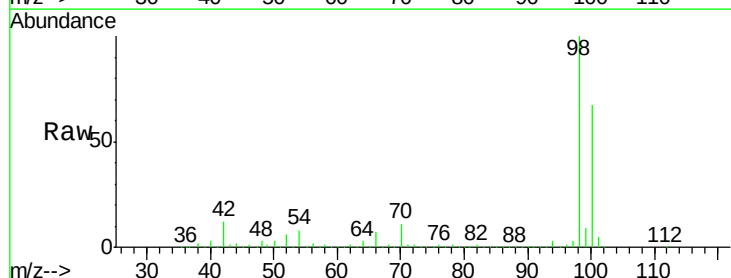
Manual Integrations
 APPROVED

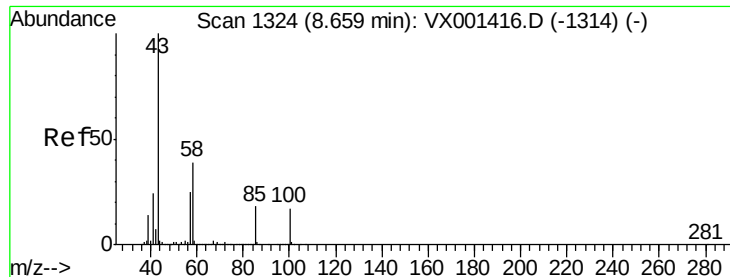
apatel
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#50
 Toluene-d8
 Concen: 46.46 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 99.85 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 43 Resp: 441280

Ion Ratio Lower Upper

43 100

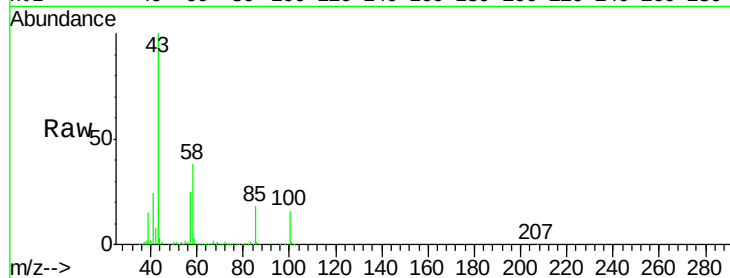
58 38.0 30.8 46.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

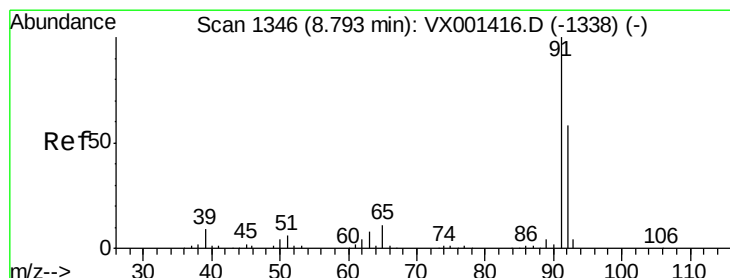
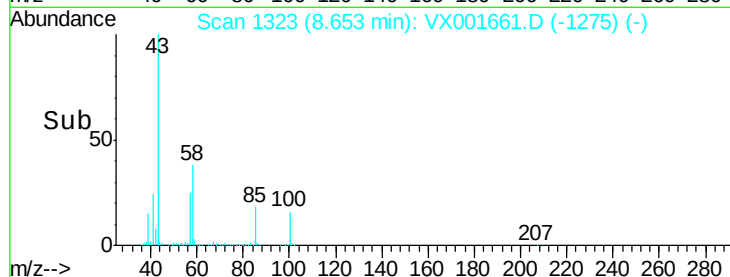
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.58 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001661.D

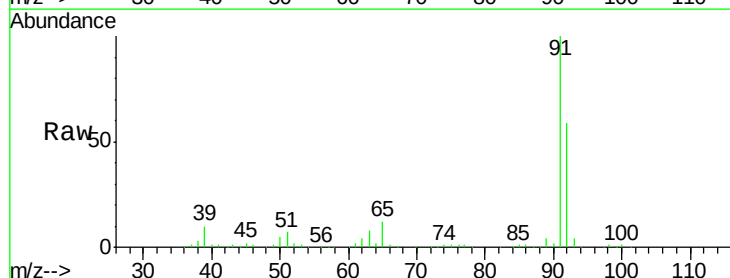
Acq: 12 May 2018 12:43

Tgt Ion: 92 Resp: 155362

Ion Ratio Lower Upper

92 100

91 170.7 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

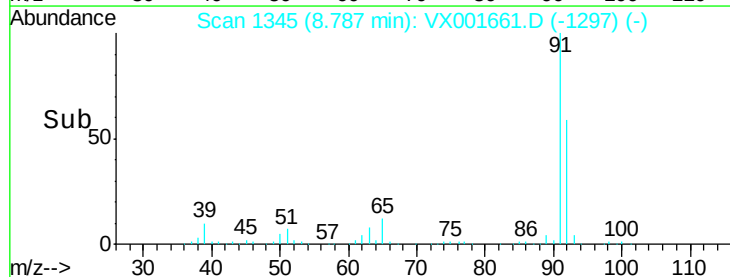
150000

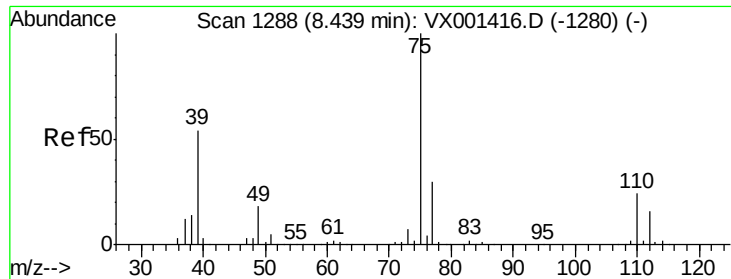
100000

50000

0

Time-->





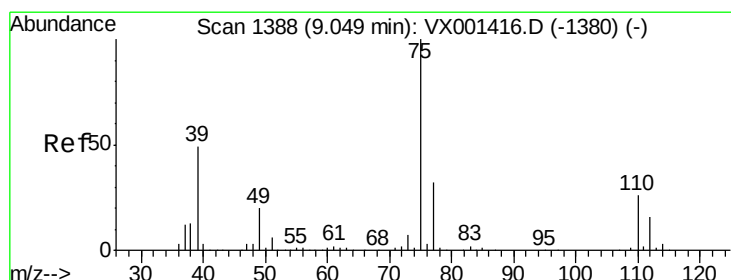
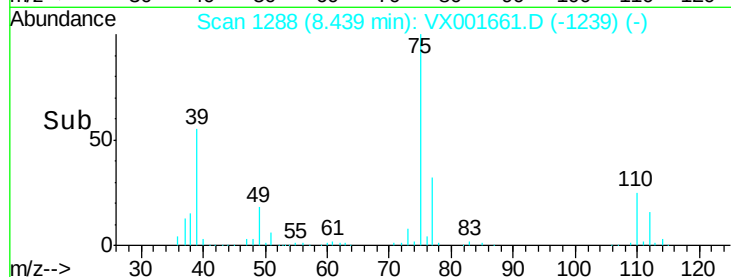
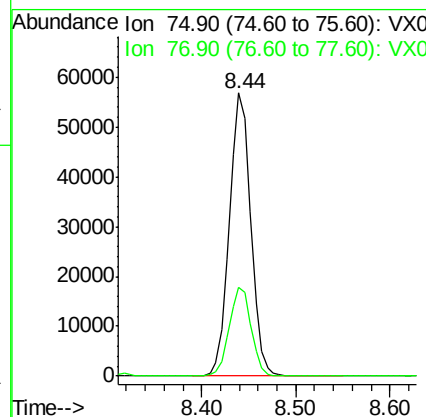
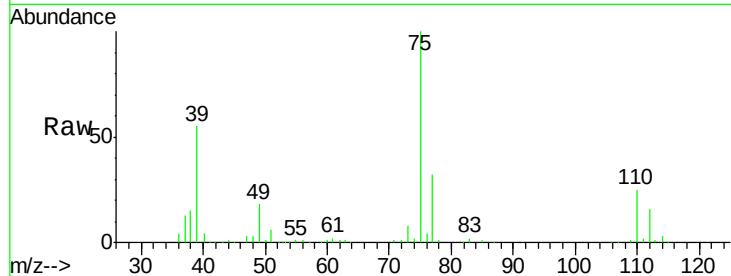
#53
t-1,3-Dichloropropene
Concen: 21.04 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion: 75 Resp: 89648
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4

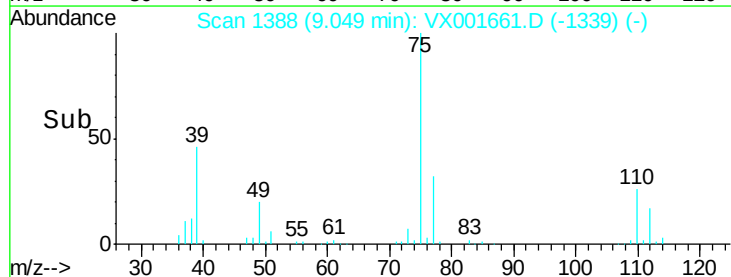
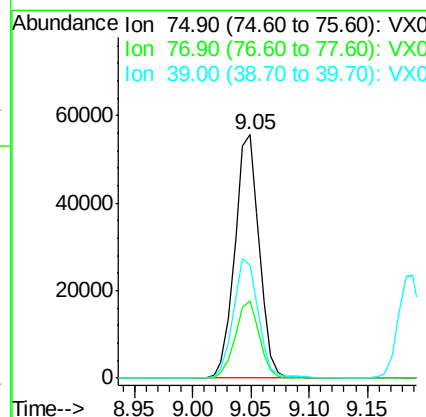
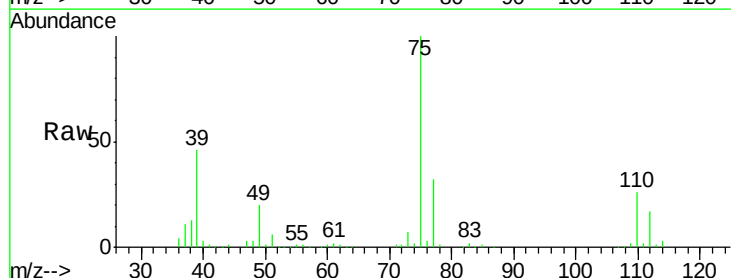
Manual Integrations
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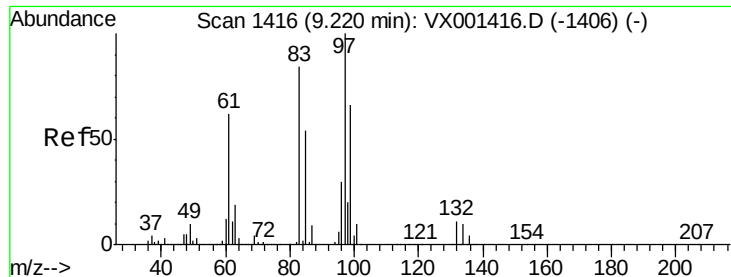
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#54
cis-1,3-Dichloropropene
Concen: 19.86 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 75 Resp: 81195
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 46.0 38.9 58.3





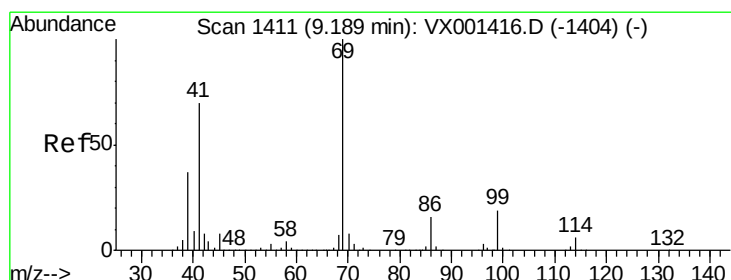
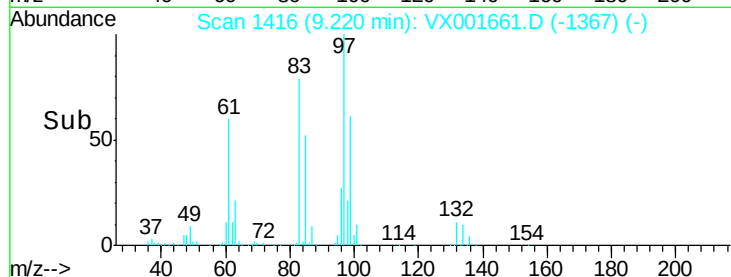
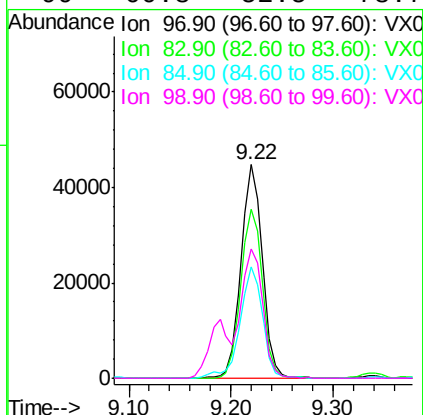
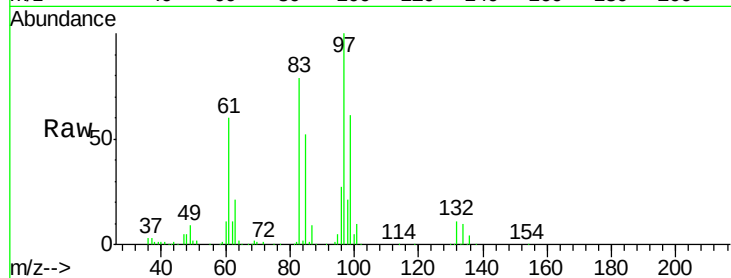
#55
 1,1,2-Trichloroethane
 Concen: 21.34 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion:	97	Resp:	64889
Ion	Ratio	Lower	Upper
97	100		
83	79.1	67.4	101.0
85	51.9	43.3	64.9
99	60.8	52.5	78.7

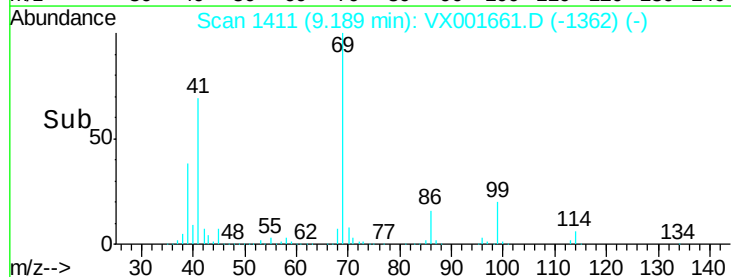
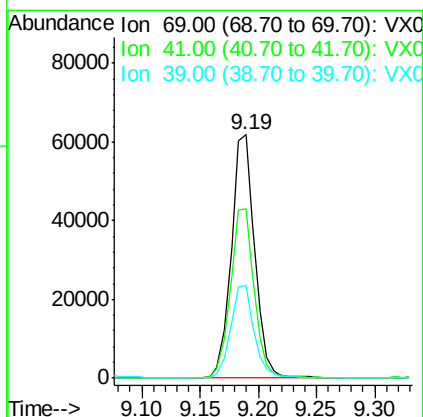
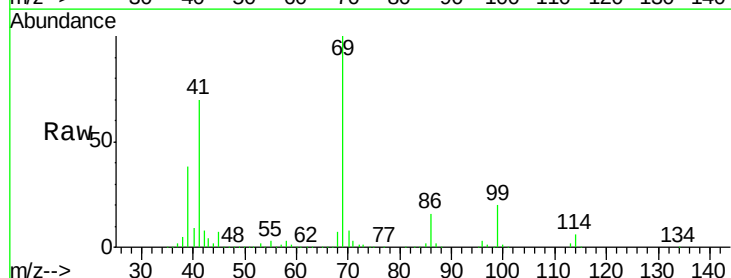
Manual Integrations
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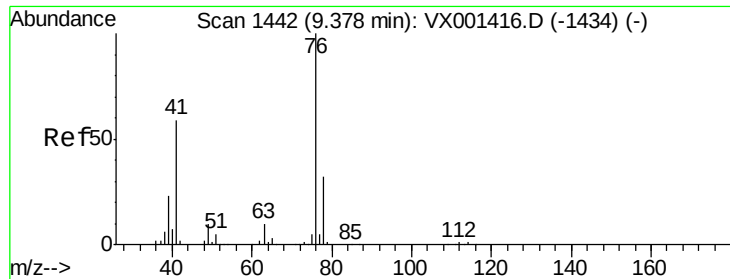
apatel
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#56
 Ethyl methacrylate
 Concen: 19.80 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion:	69	Resp:	86791
Ion	Ratio	Lower	Upper
69	100		
41	71.4	55.1	82.7
39	38.1	29.9	44.9





#57

1,3-Dichloropropane

Concen: 20.57 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 76 Resp: 103437

Ion Ratio Lower Upper

76 100

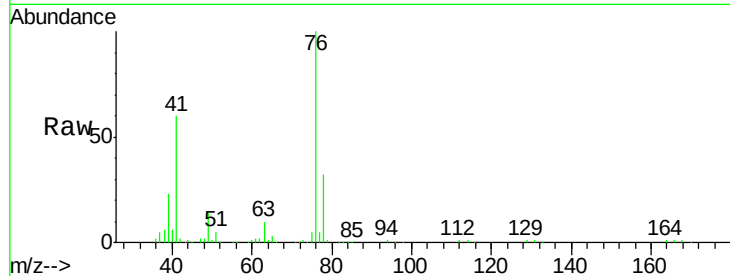
78 32.0 25.8 38.6

Manual Integrations

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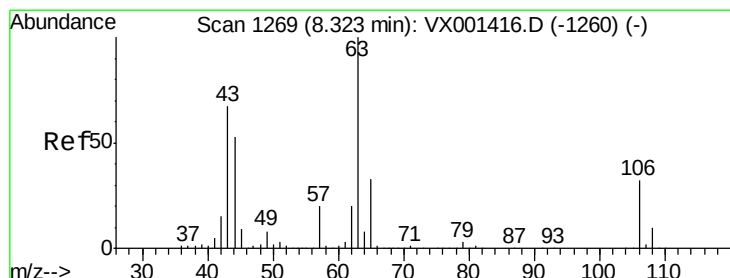
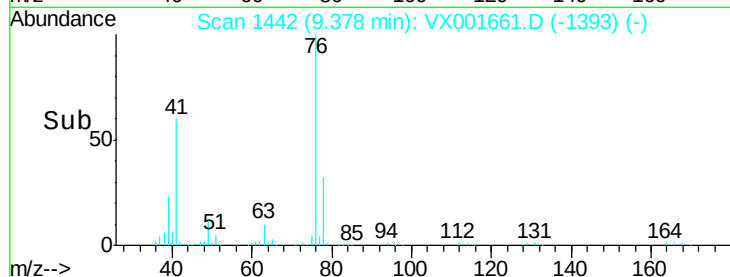
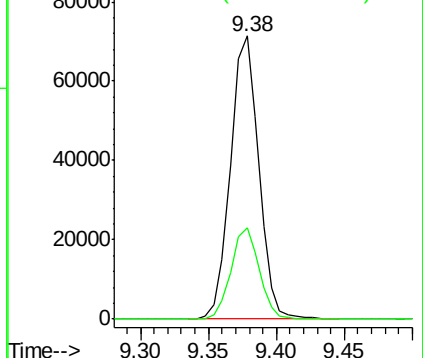
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.87 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001661.D

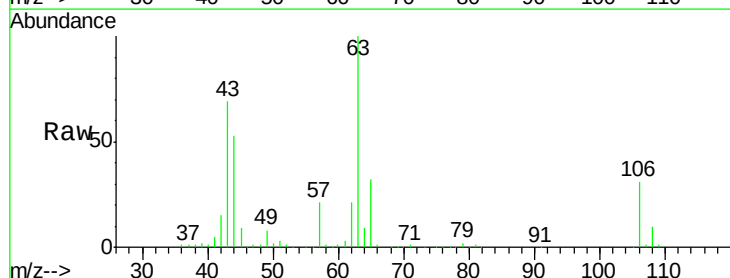
Acq: 12 May 2018 12:43

Tgt Ion: 63 Resp: 227632

Ion Ratio Lower Upper

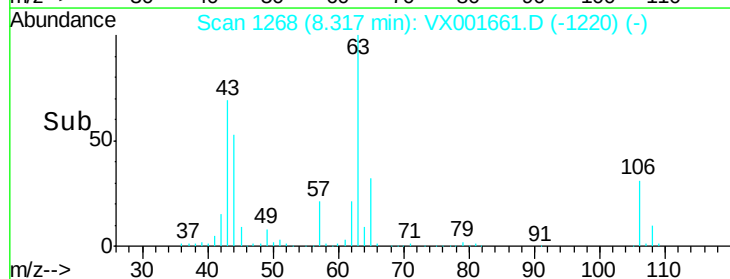
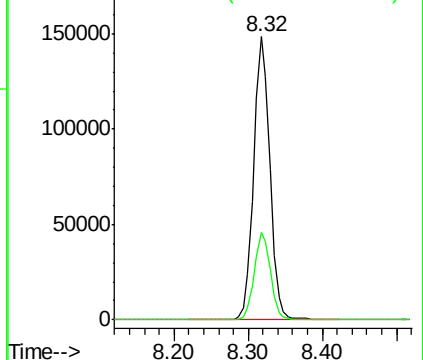
63 100

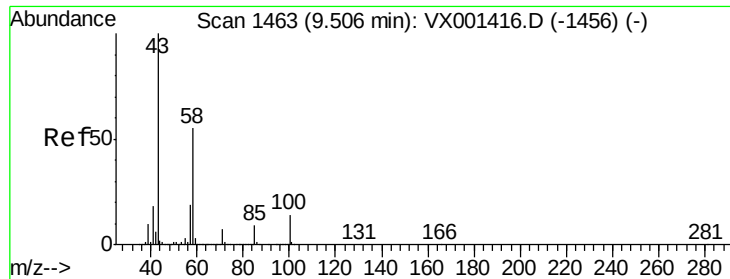
106 31.0 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





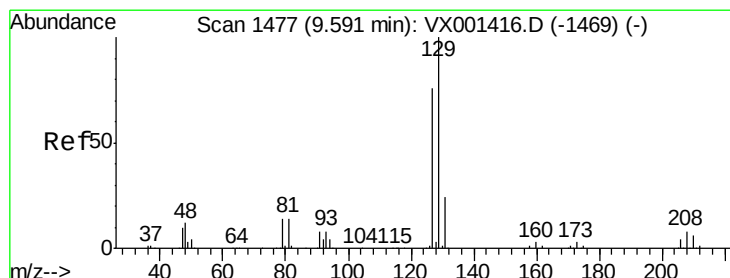
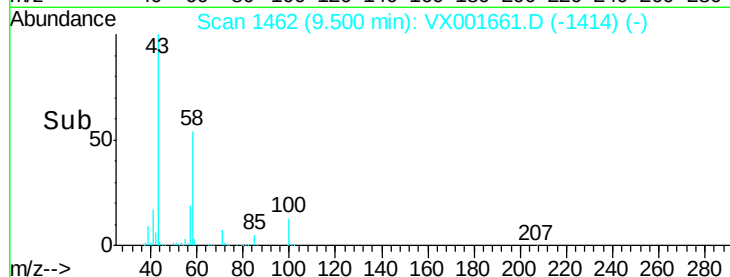
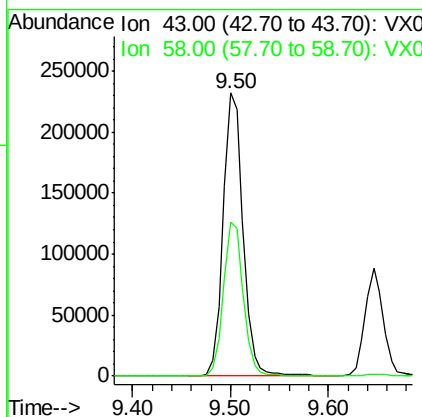
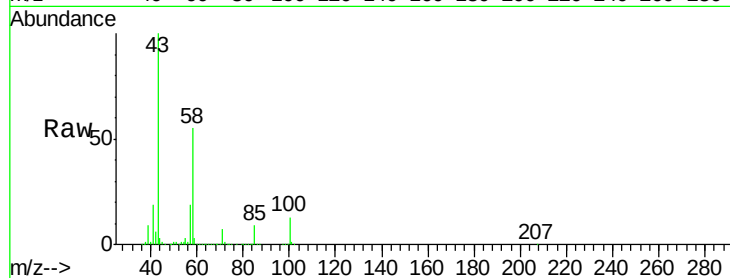
#59
2-Hexanone
Concen: 96.91 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion: 43 Resp: 327975
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.2

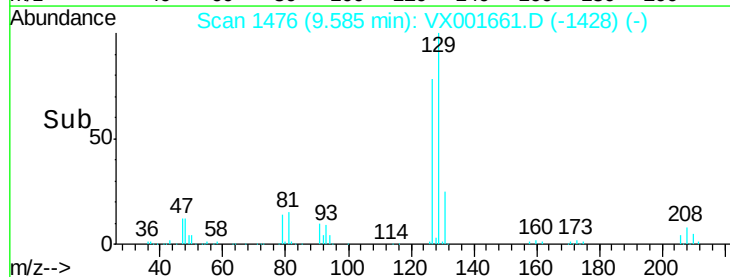
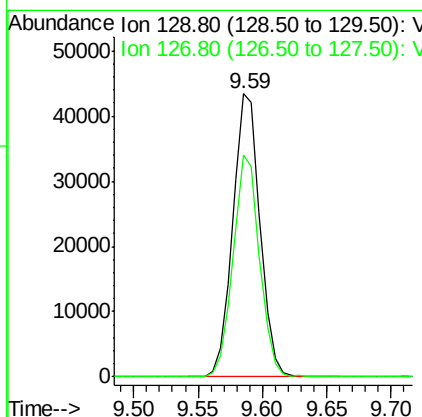
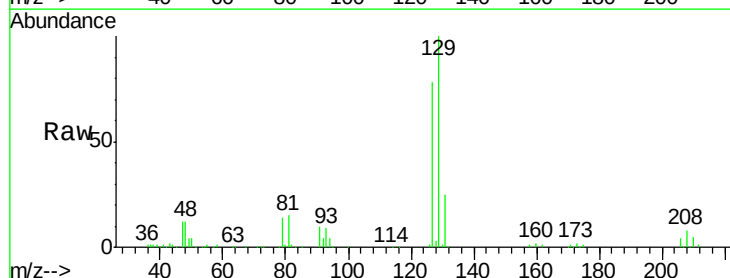
Manual Integrations
APPROVED

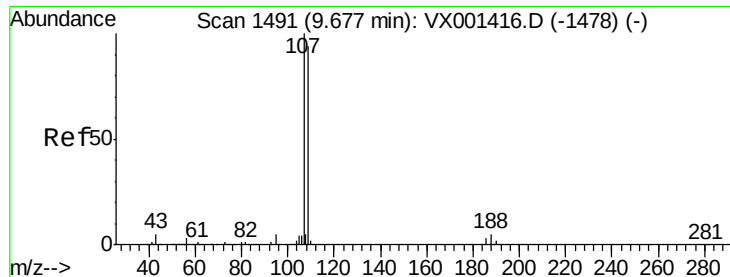
apatel
5/15/2018 6:31:43 PM



#60
Dibromochloromethane
Concen: 20.52 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 129 Resp: 63914
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.97 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0512WBS01

Tot Ion:107 Resp: 63748

Ion Ratio Lower Upper

107 100

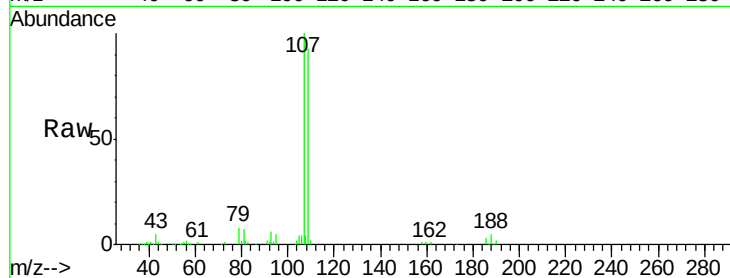
109 93.9 75.5 113.3

Manual Integrations

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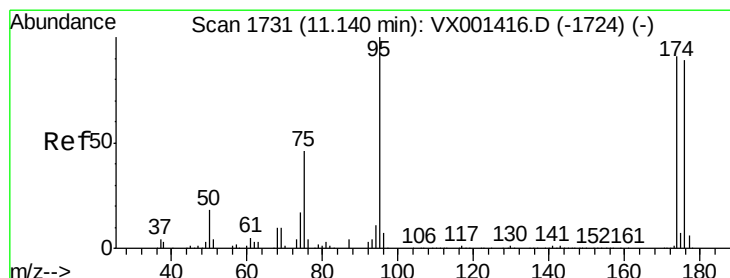
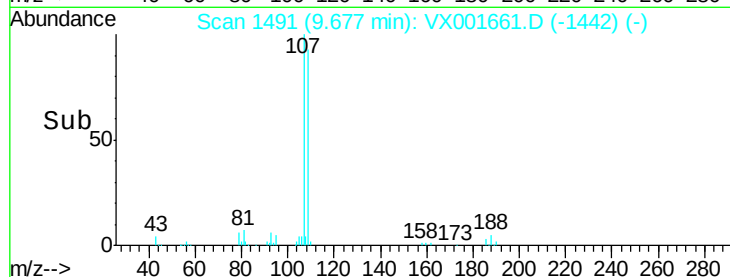
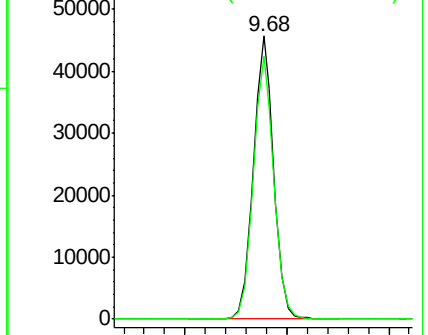
apatel

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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: 45.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

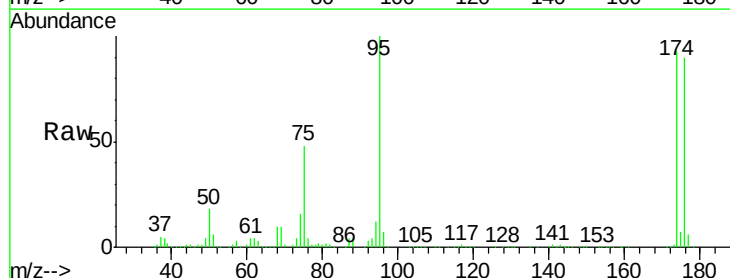
Tgt Ion: 95 Resp: 176621

Ion Ratio Lower Upper

95 100

174 100.8 0.0 202.0

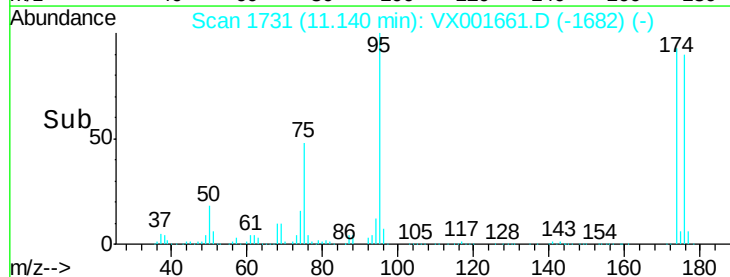
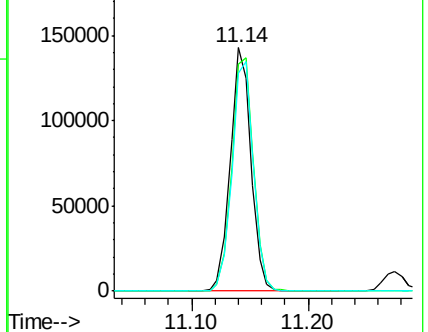
176 98.0 0.0 197.4

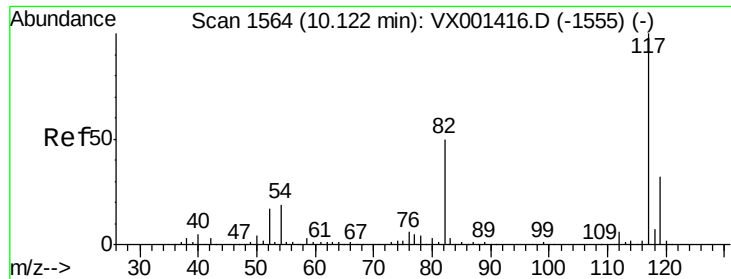


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





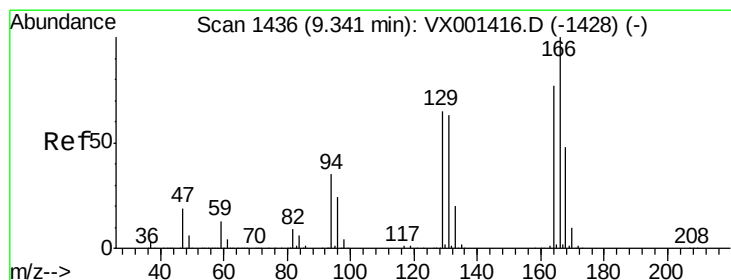
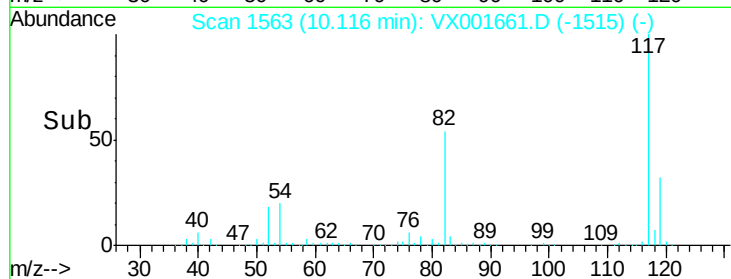
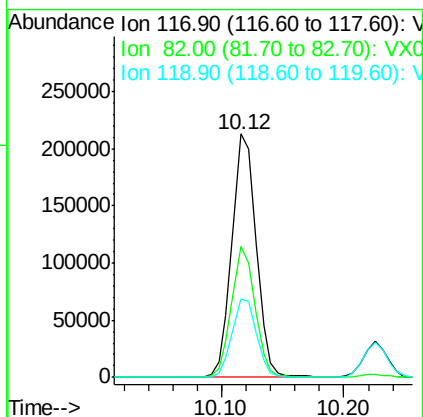
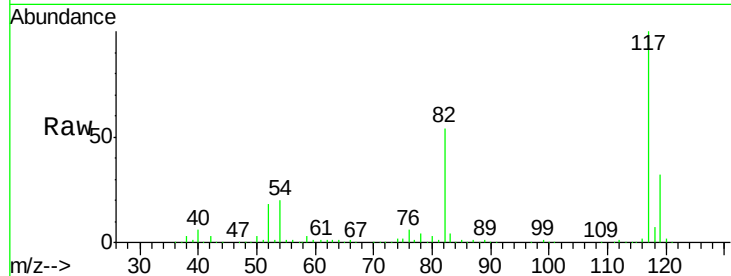
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292900		
82	53.8	40.0	60.0	
119	32.0	25.8	38.8	

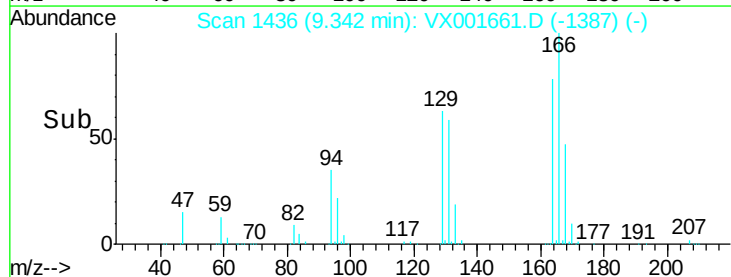
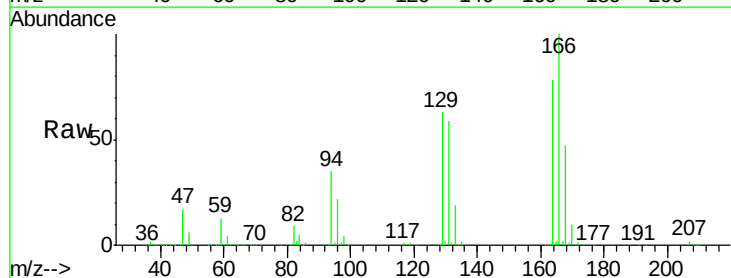
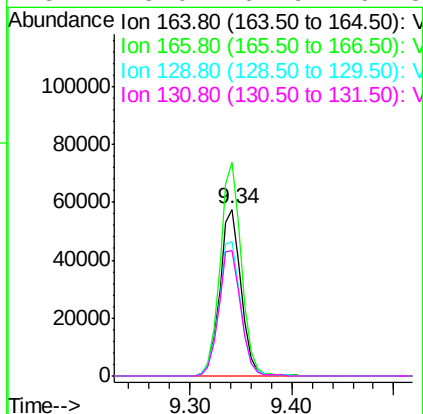
Manual Integrations
APPROVED

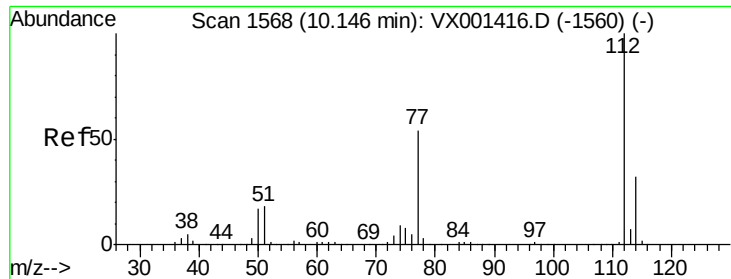
apatel
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#64
Tetrachloroethene
Concen: 20.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83799		
166	128.0	103.5	155.3	
129	80.9	66.7	100.1	
131	75.0	64.9	97.3	





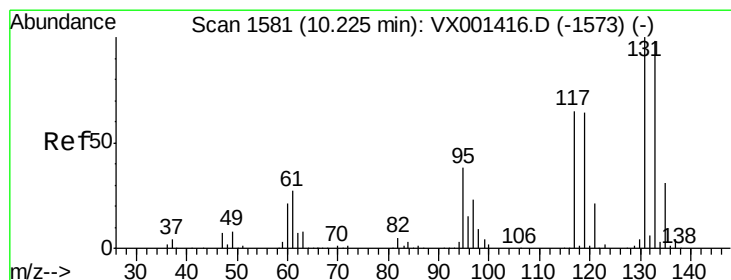
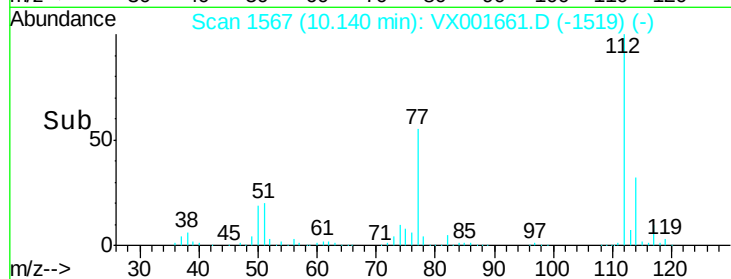
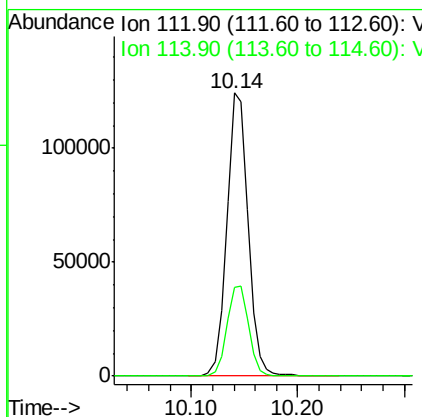
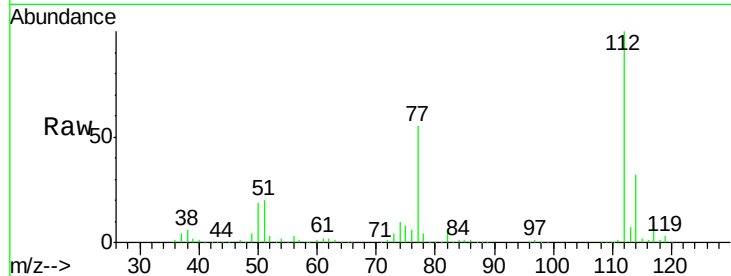
#65
Chlorobenzene
Concen: 20.28 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0512WBS01

Tot Ion:112 Resp: 174231
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0

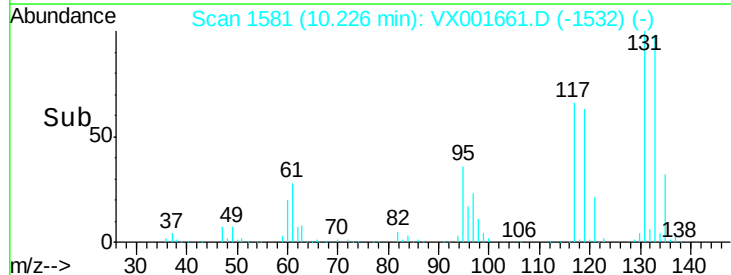
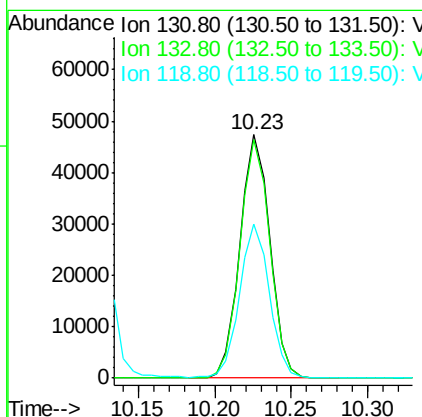
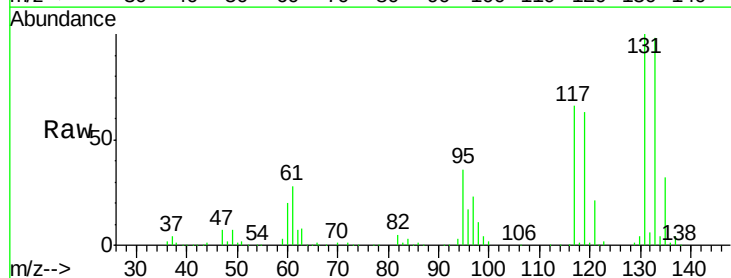
Manual Integrations
APPROVED

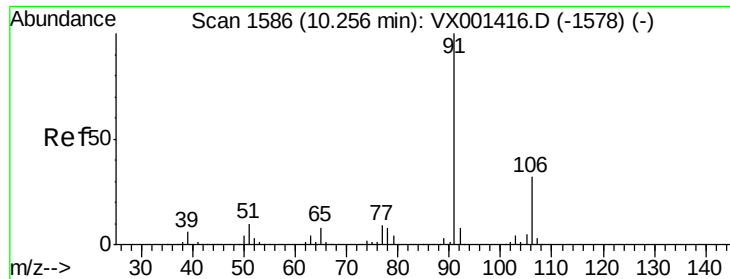
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.04 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion:131 Resp: 64645
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.8
119 62.9 31.1 93.3





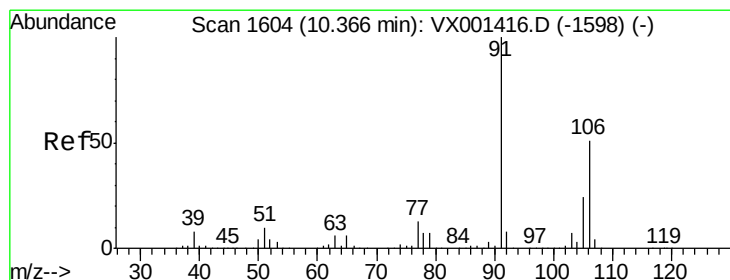
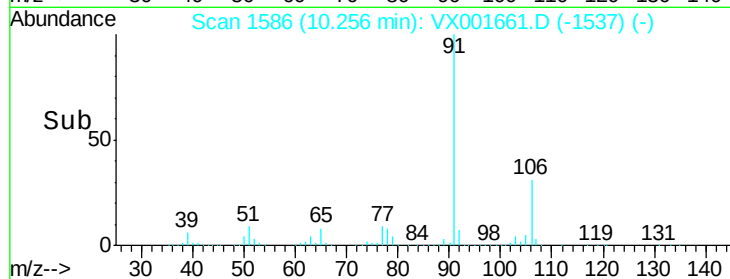
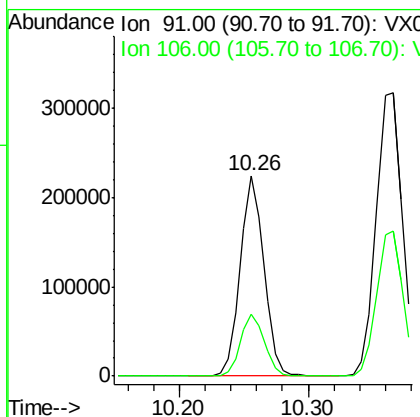
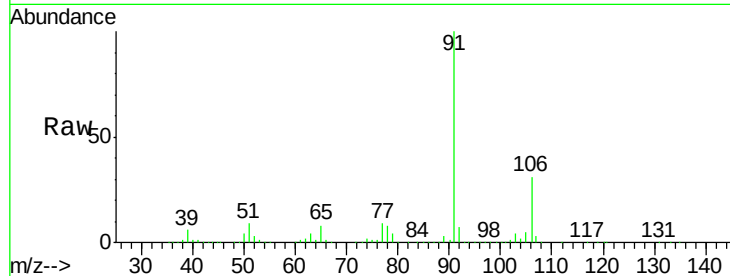
#67
Ethyl Benzene
Concen: 20.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion: 91 Resp: 286657
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

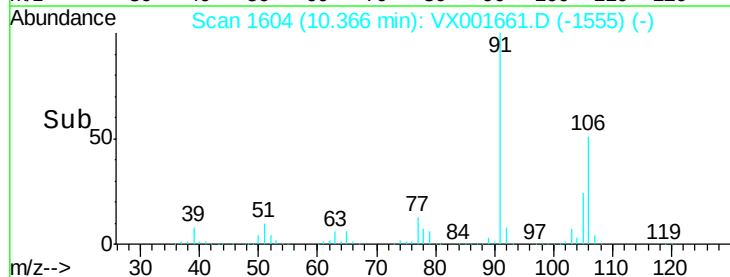
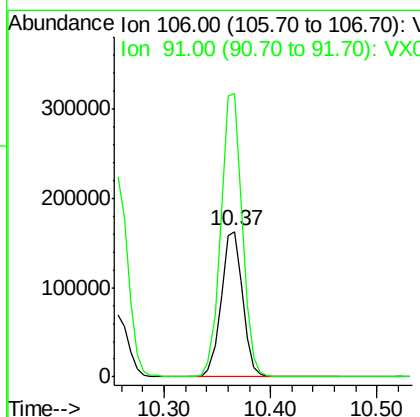
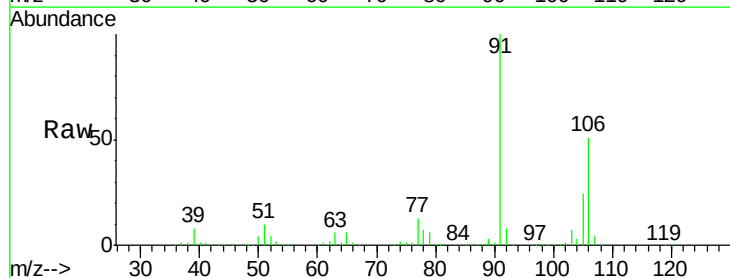
Manual Integrations
APPROVED

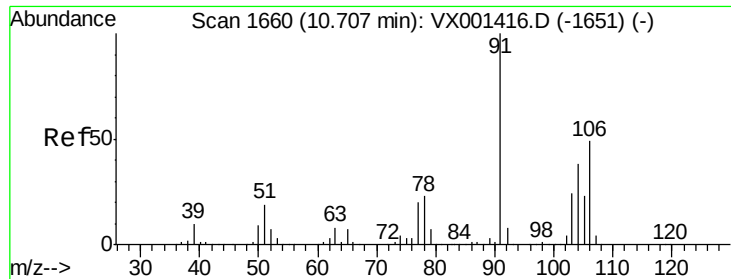
apatel
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#68
m/p-Xylenes
Concen: 41.01 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 106 Resp: 228164
Ion Ratio Lower Upper
106 100
91 195.5 157.5 236.3





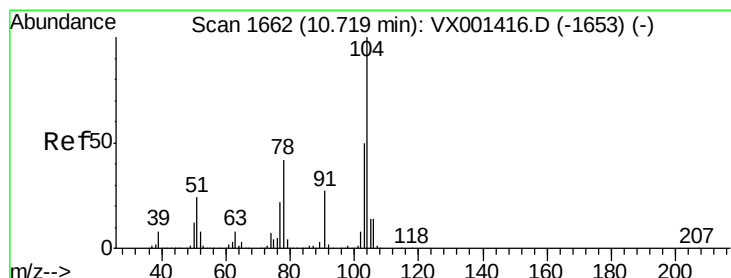
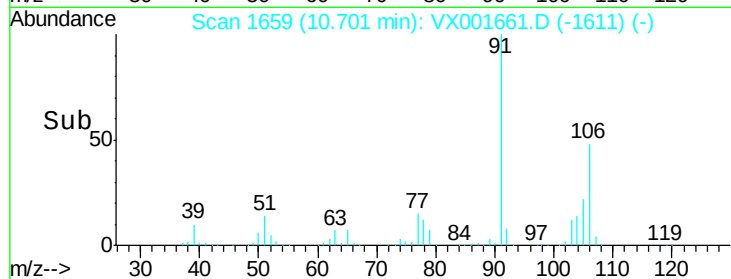
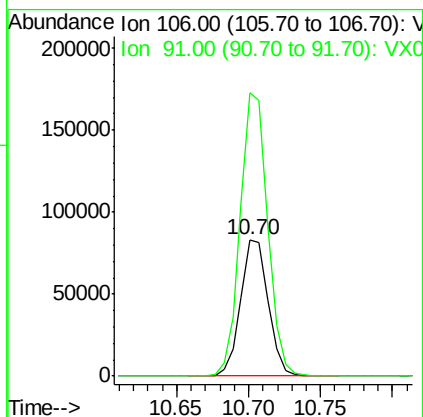
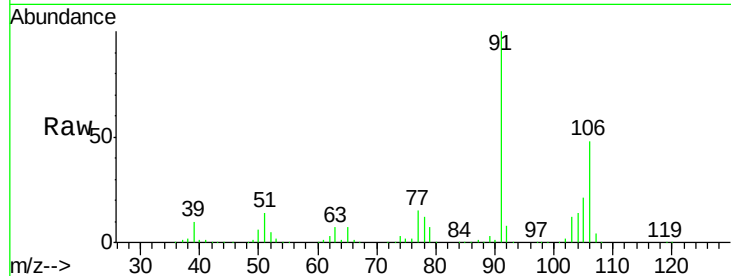
#69
o-Xylene
Concen: 20.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	110912		
91	207.1	103.1	309.1	

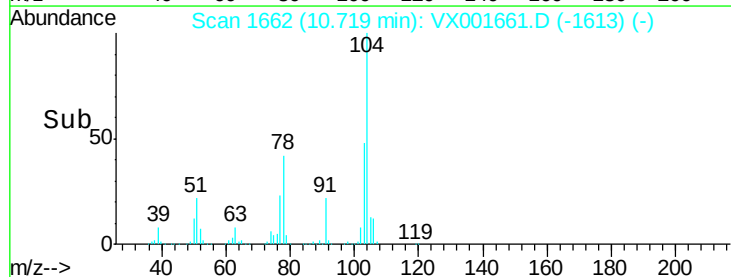
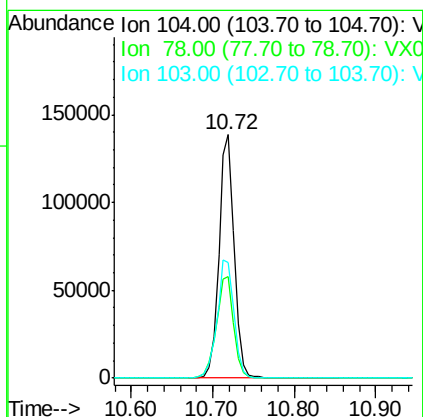
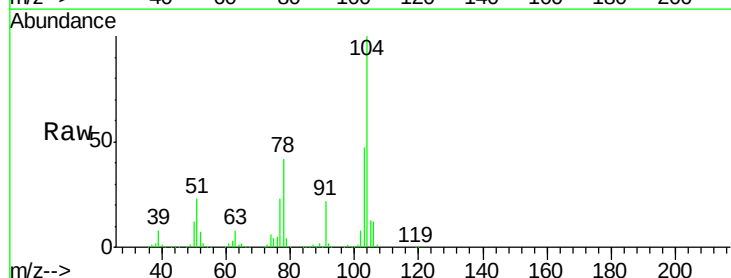
Manual Integrations
APPROVED

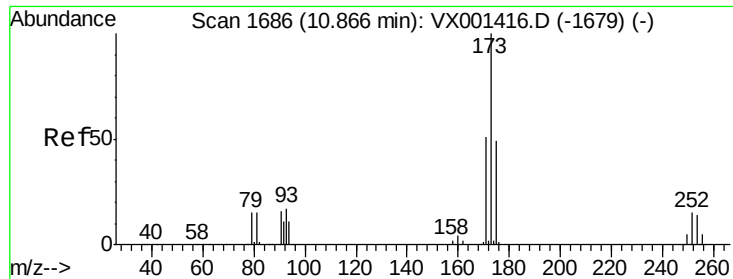
apatel
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#70
Styrene
Concen: 20.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	181367		
78	47.9	38.6	58.0	
103	54.6	44.0	66.0	





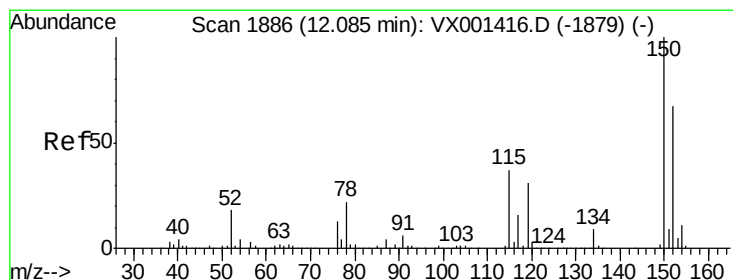
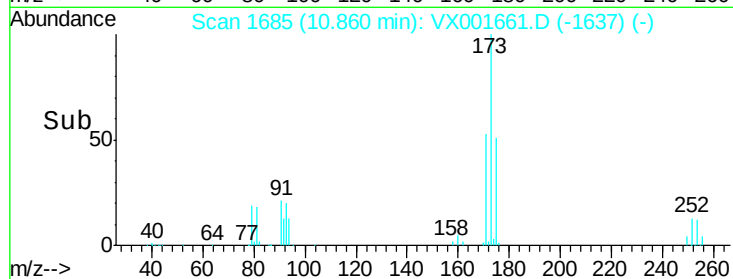
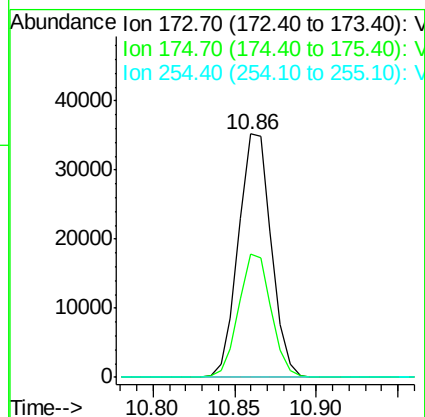
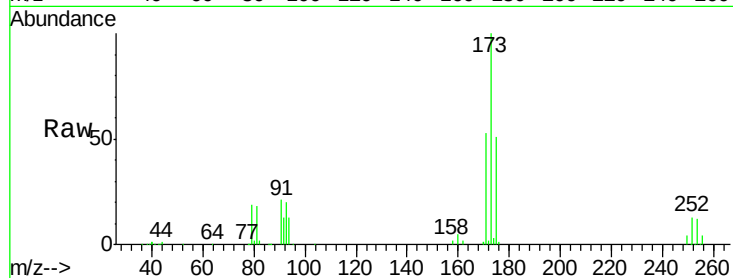
#71
Bromoform
Concen: 19.11 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.5	73.5
254	0.2	0.2	0.2

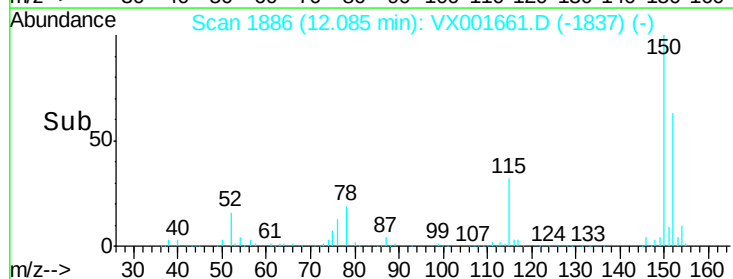
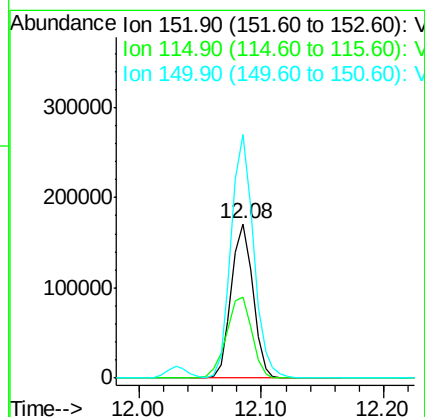
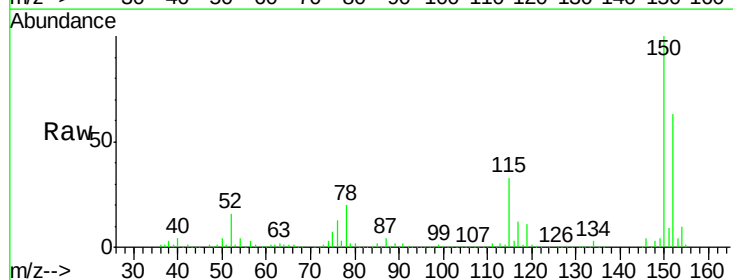
Manual Integrations
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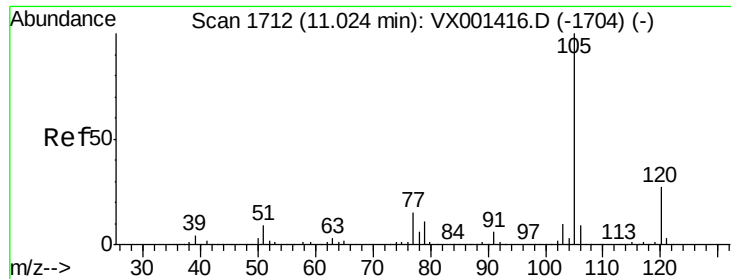
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	37.7	113.1
150	164.1	0.0	349.4





#73

Isopropylbenzene

Concen: 21.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion:105 Resp: 304552

Ion Ratio Lower Upper

105 100

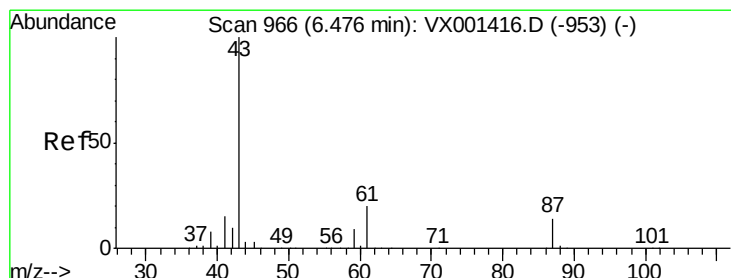
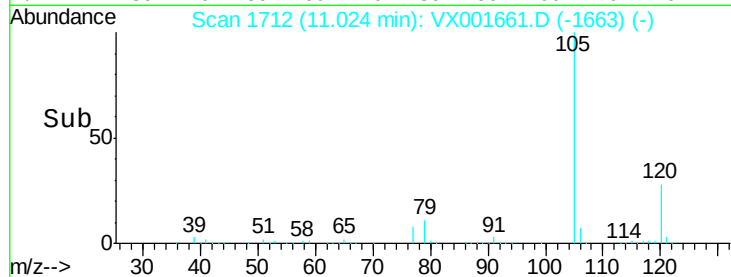
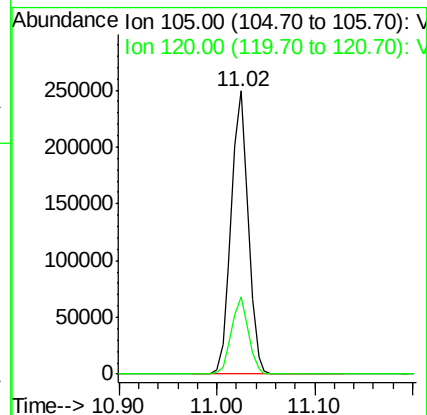
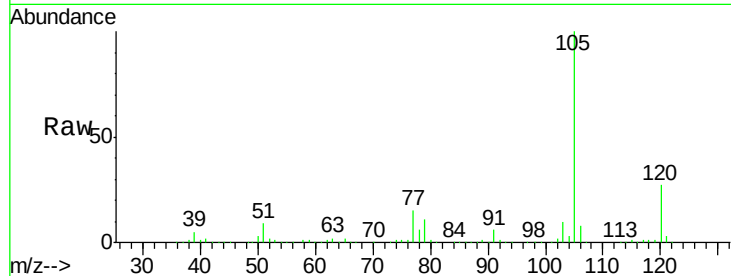
120 27.0 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.73 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion: 43 Resp: 129566

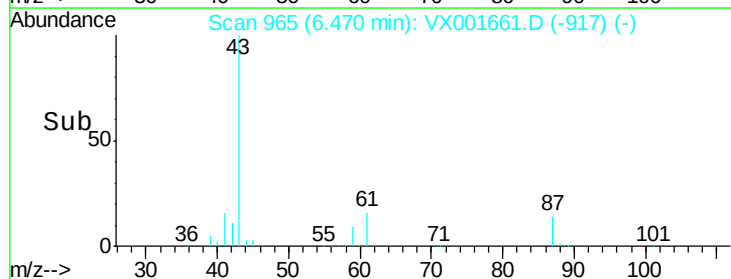
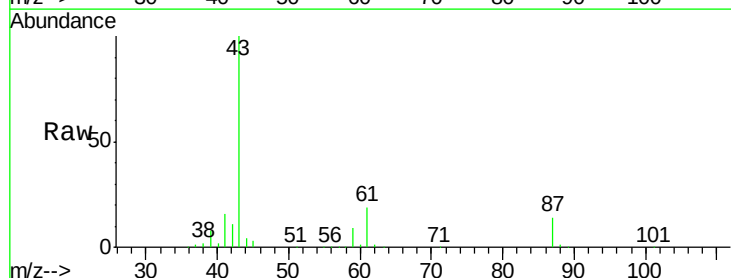
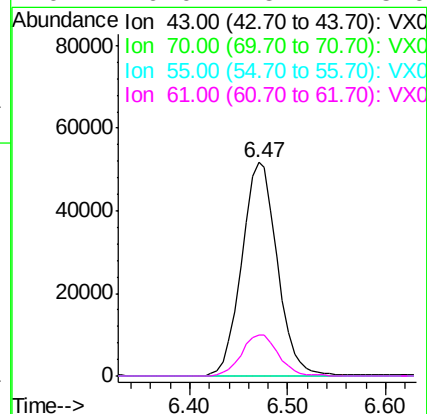
Ion Ratio Lower Upper

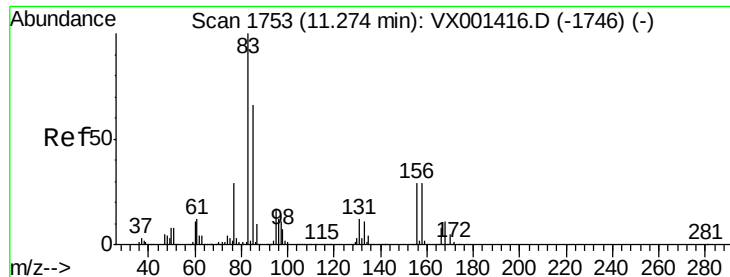
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.0 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.51 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

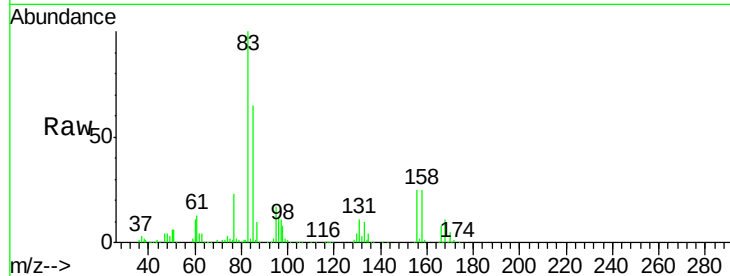
ClientSampleId :

VX0512WBS01

Tot Ion:	83	Resp:	87569
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	65.1	32.7	98.1

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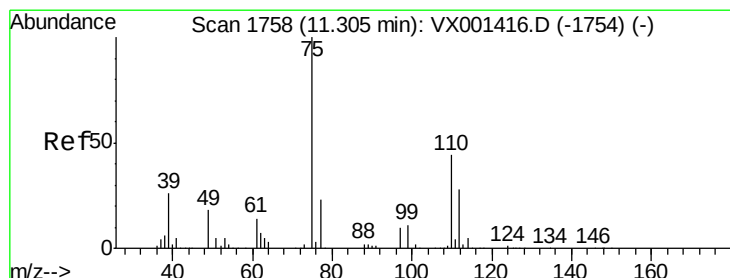
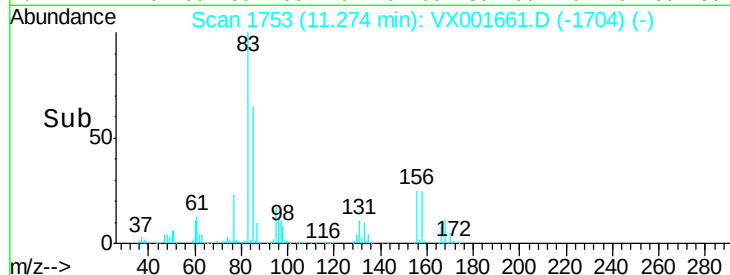
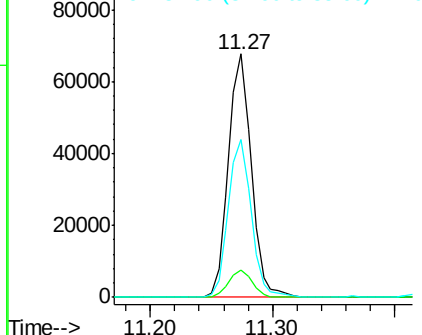
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.63 ug/l m

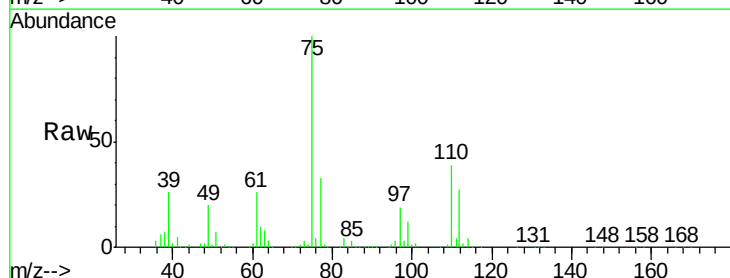
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001661.D

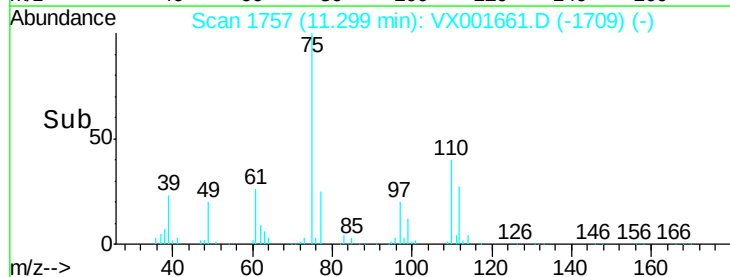
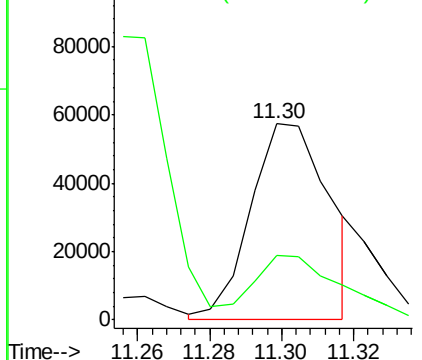
Acq: 12 May 2018 12:43

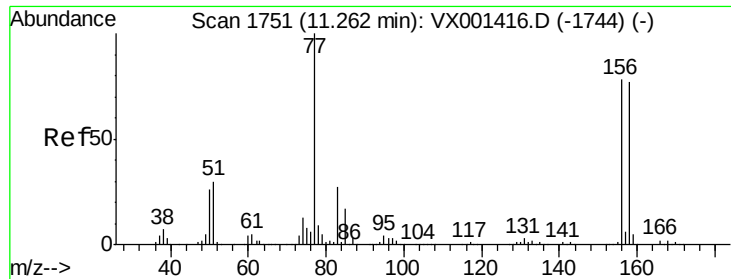
Tgt Ion:	75	Resp:	87377
Ion Ratio	Lower	Upper	
75	100		
77	37.3	19.6	58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.07 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion:156 Resp: 84365

Ion Ratio Lower Upper

156 100

77 131.3 66.0 198.2

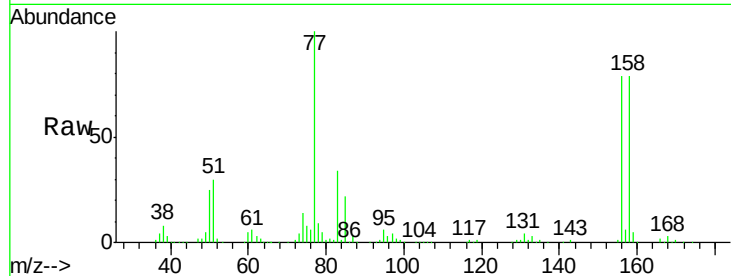
158 99.1 49.4 148.2

Manual Integrations

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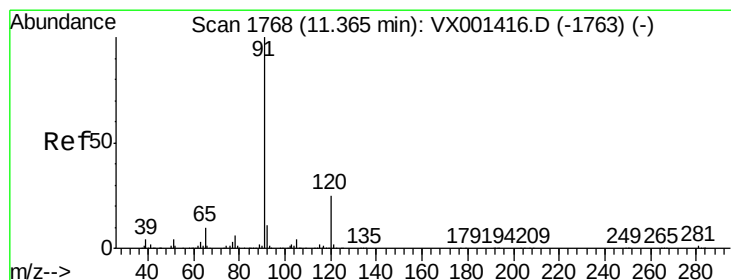
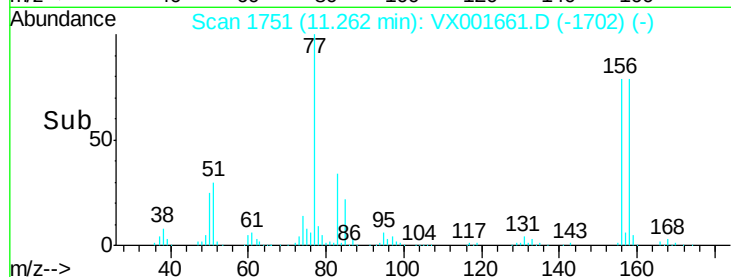
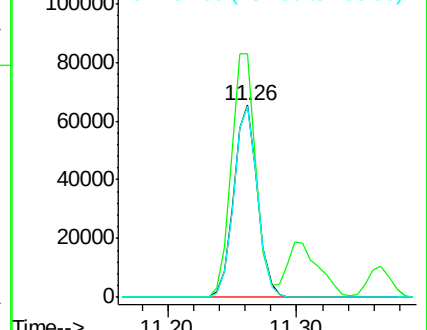
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001661.D

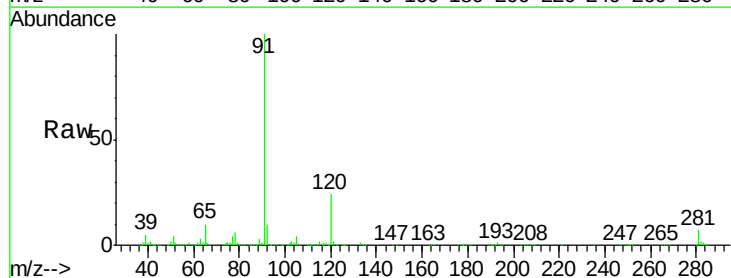
Acq: 12 May 2018 12:43

Tgt Ion: 91 Resp: 335394

Ion Ratio Lower Upper

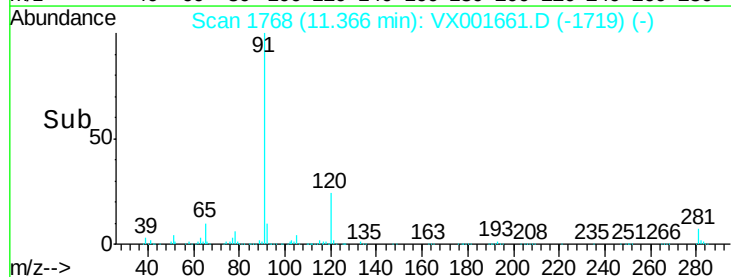
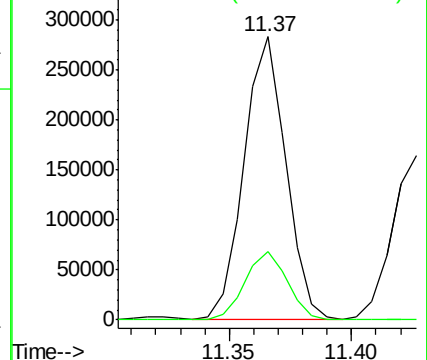
91 100

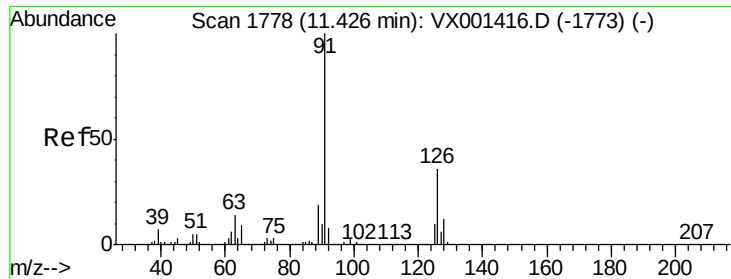
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 91 Resp: 200880

Ion Ratio Lower Upper

91 100

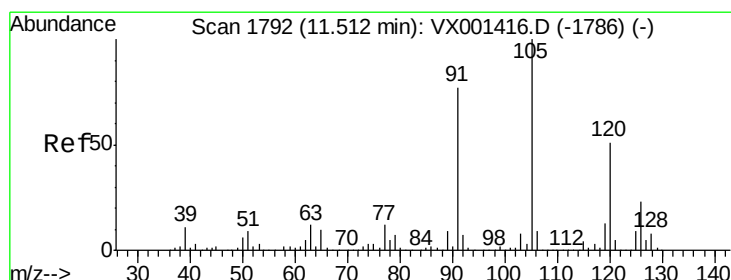
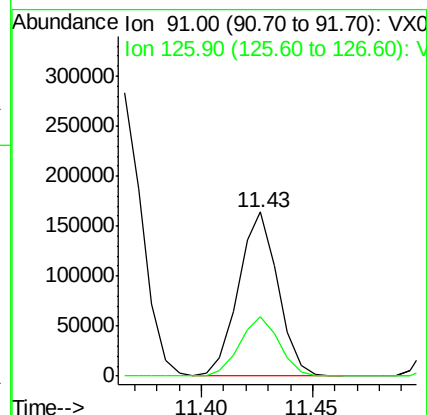
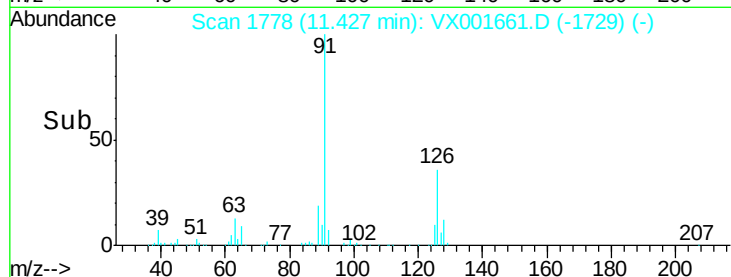
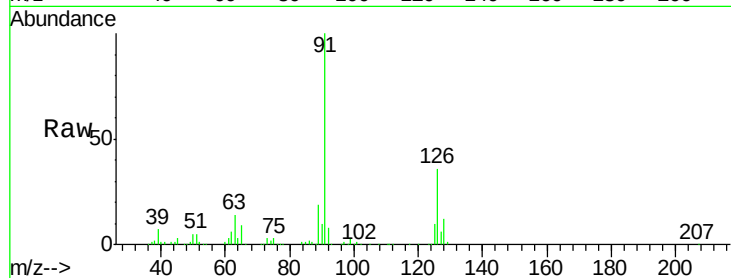
126 36.4 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001661.D

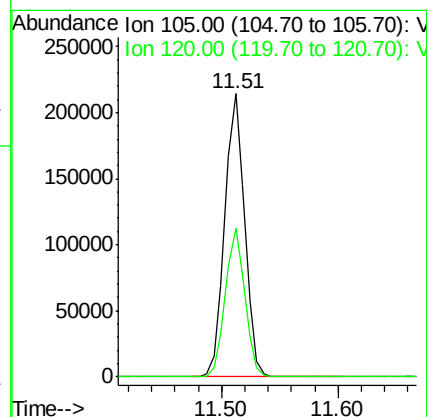
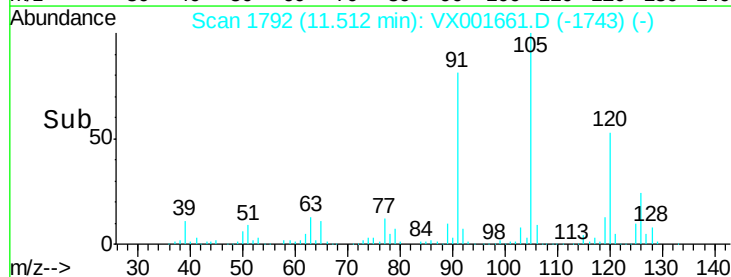
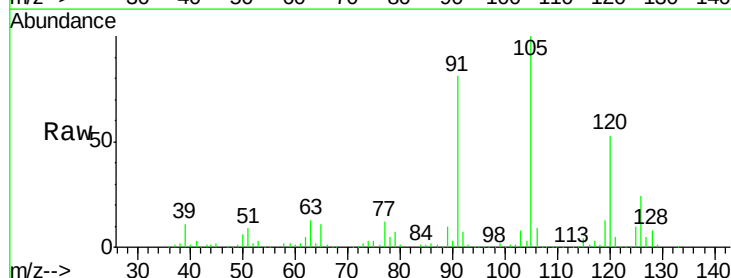
Acq: 12 May 2018 12:43

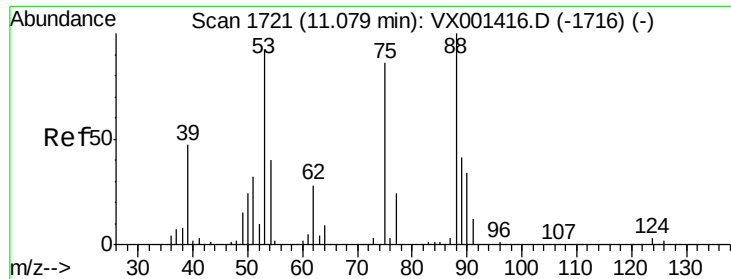
Tgt Ion: 105 Resp: 252260

Ion Ratio Lower Upper

105 100

120 51.6 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.29 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tot Ion: 75 Resp: 21792

Ion Ratio Lower Upper

75 100

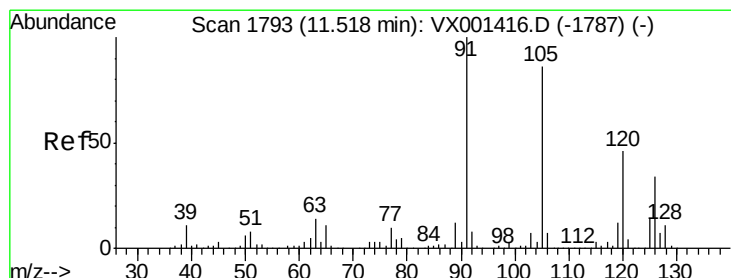
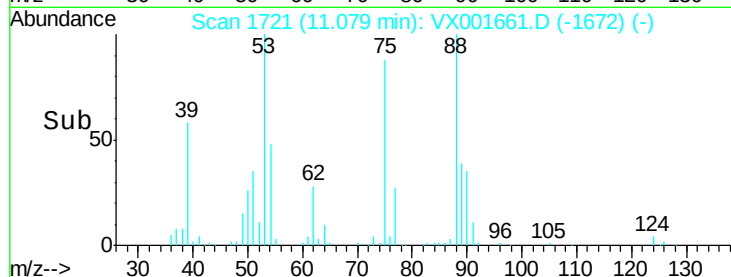
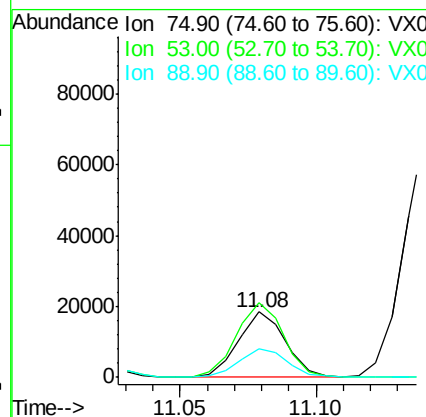
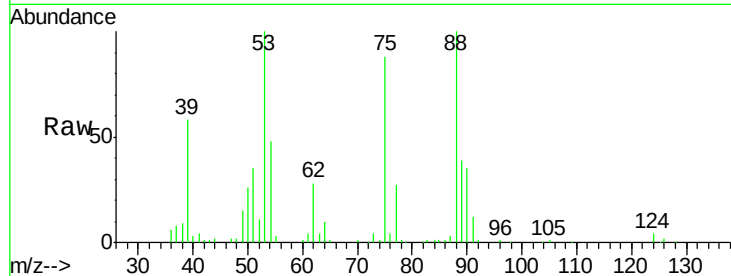
53 117.2 84.5 126.7

89 46.6 39.5 59.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.92 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001661.D

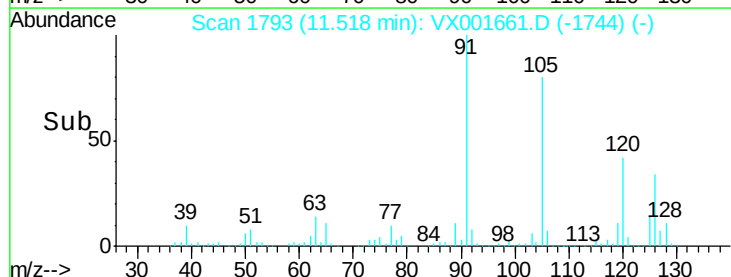
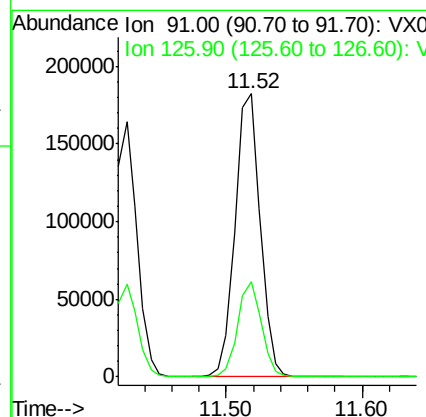
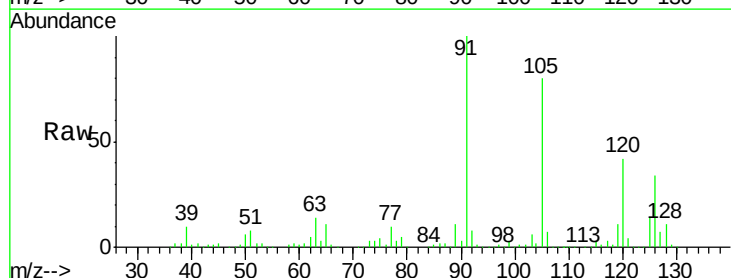
Acq: 12 May 2018 12:43

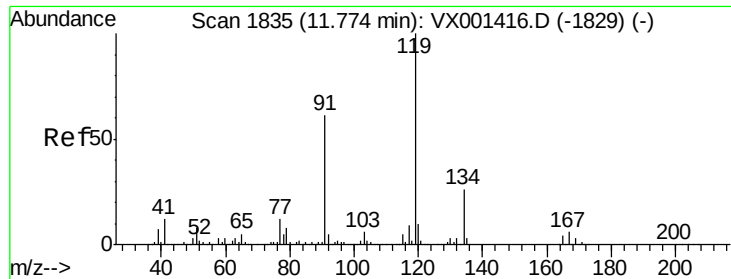
Tgt Ion: 91 Resp: 233852

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.5





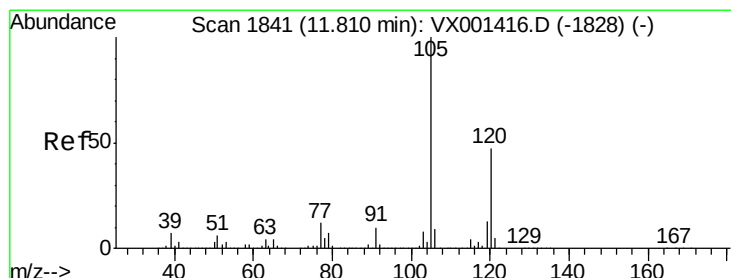
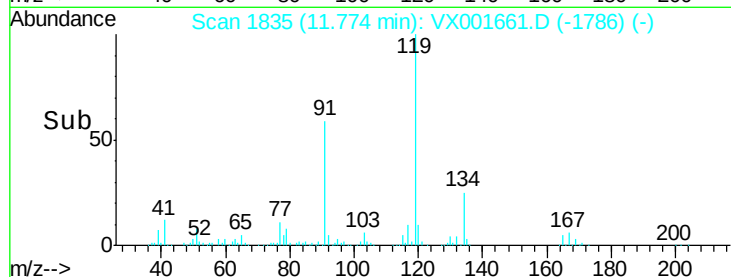
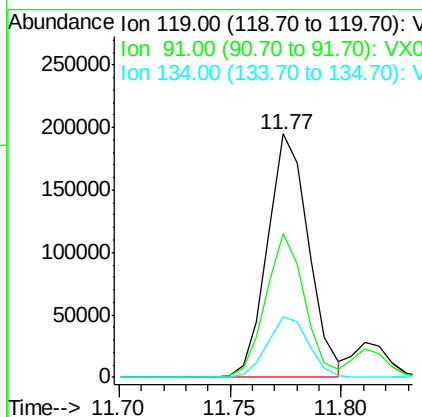
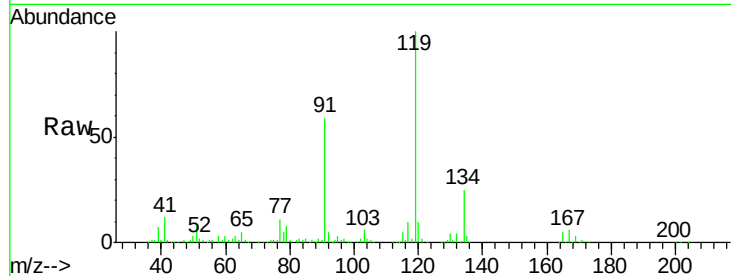
#83
 tert-Butylbenzene
 Concen: 20.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	250658		
91	55.8		27.8	83.3
134	24.8		12.4	37.0

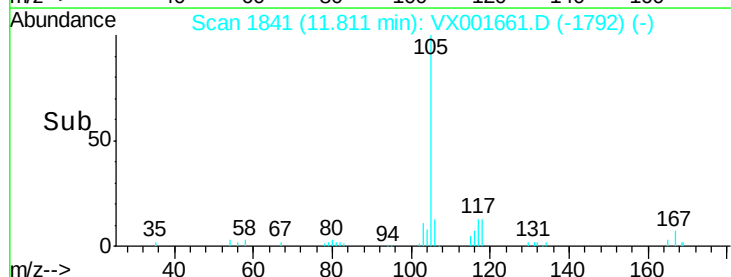
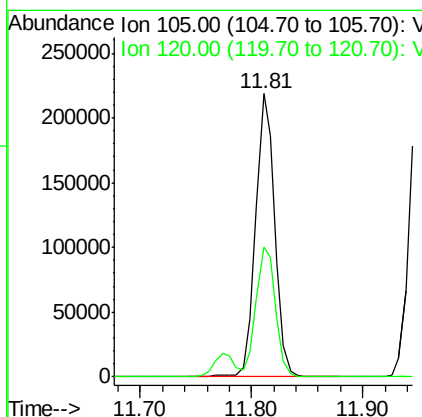
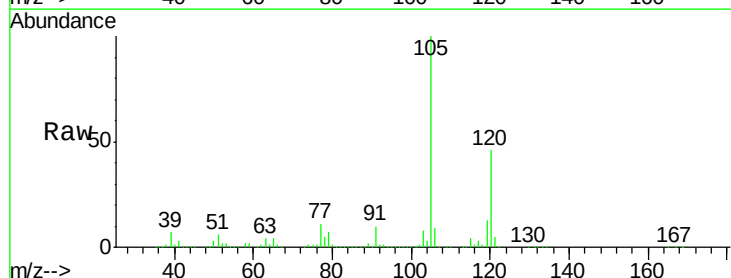
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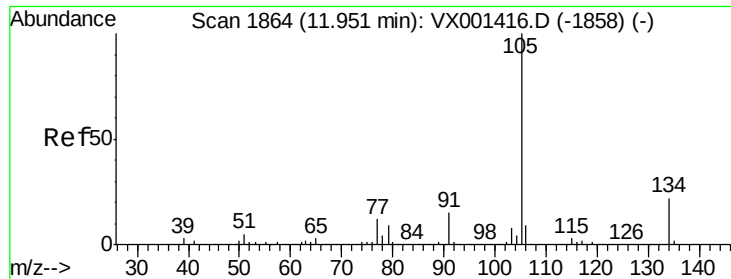
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261264		
120	46.8		23.4	70.2





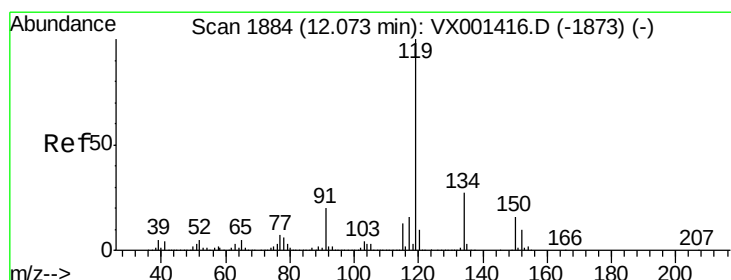
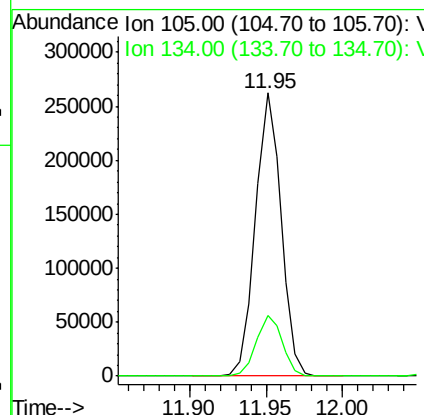
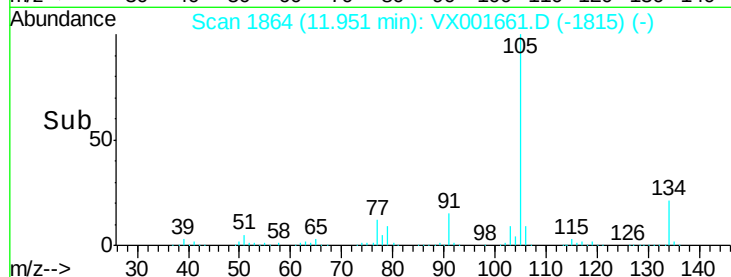
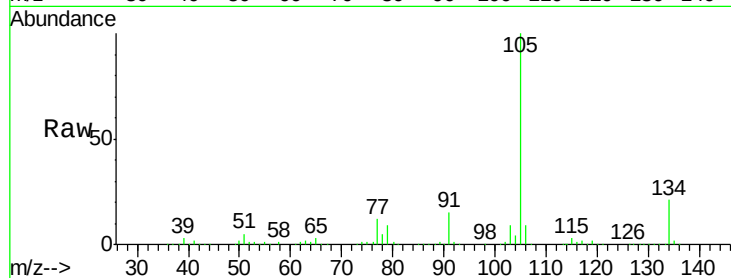
#85
 sec-Butylbenzene
 Concen: 21.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0512WBS01

Tot Ion:105 Resp: 306462
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.9

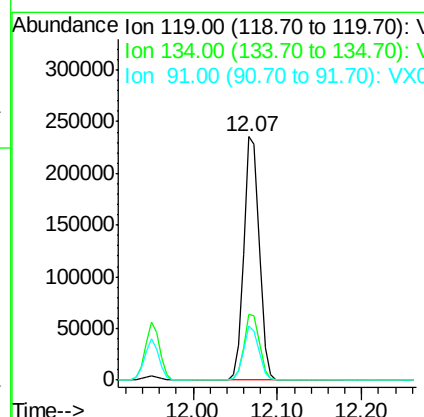
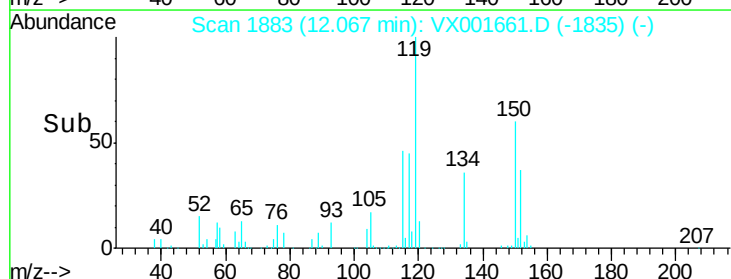
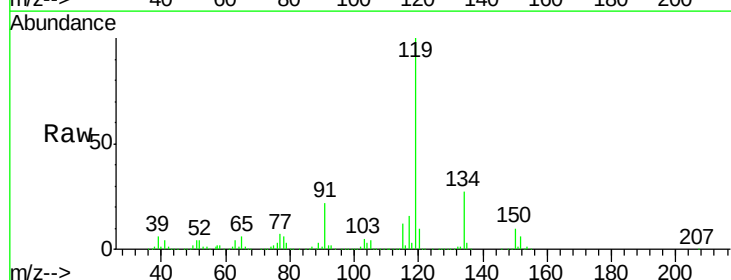
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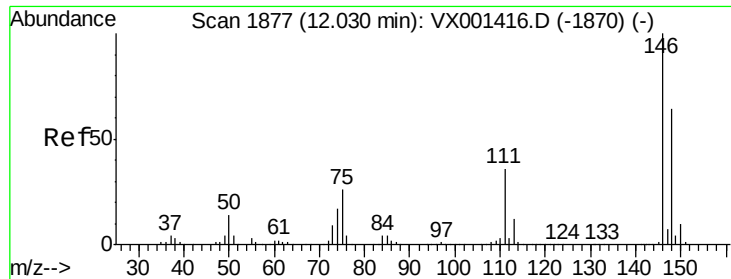
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#86
 p-Isopropyltoluene
 Concen: 21.61 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion:119 Resp: 285034
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.8 10.8 32.3





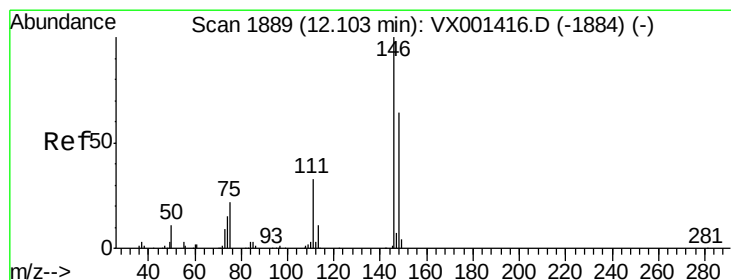
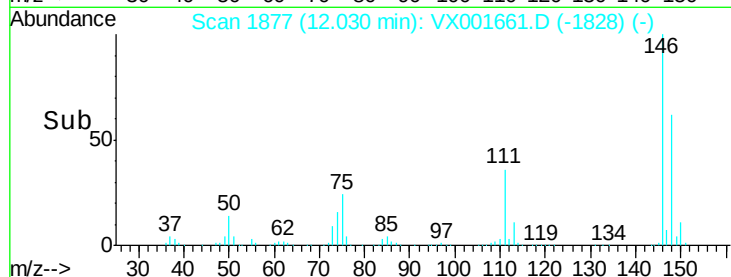
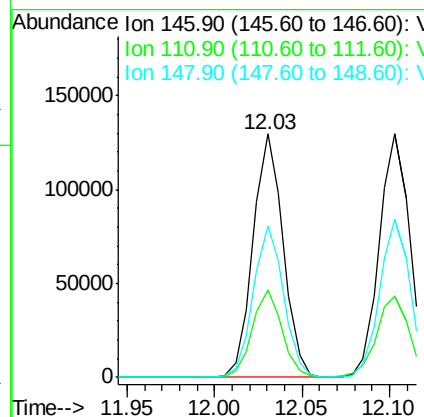
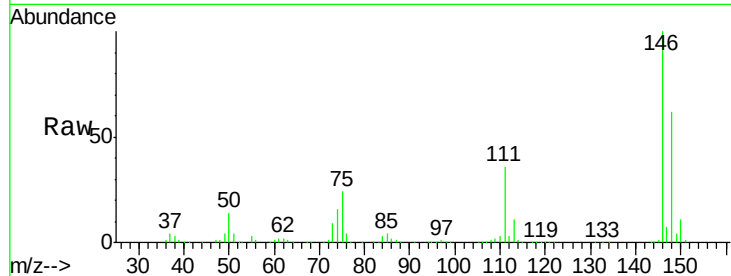
#87
 1,3-Dichlorobenzene
 Concen: 20.63 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154973		
111	35.3	18.1	54.1	
148	62.8	32.1	96.5	

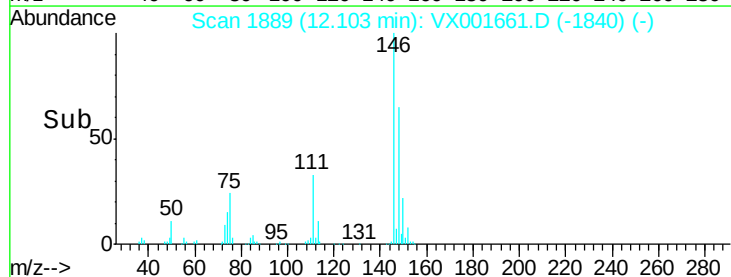
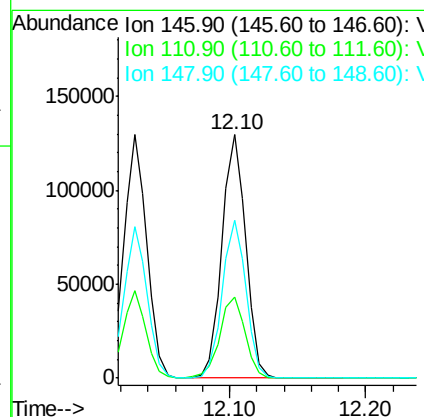
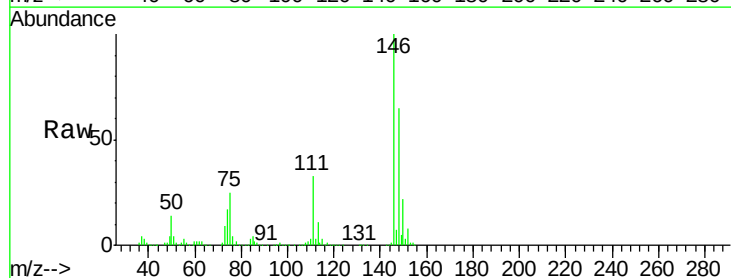
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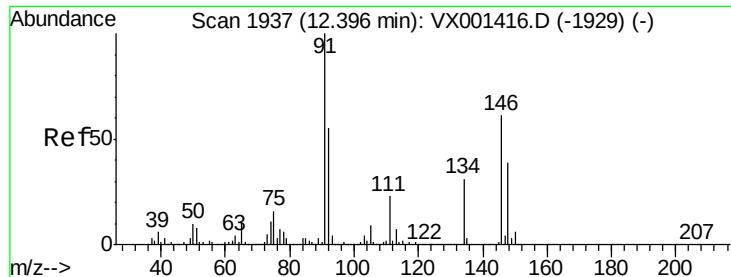
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#88
 1,4-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156848		
111	35.7	17.4	52.3	
148	65.2	32.2	96.6	





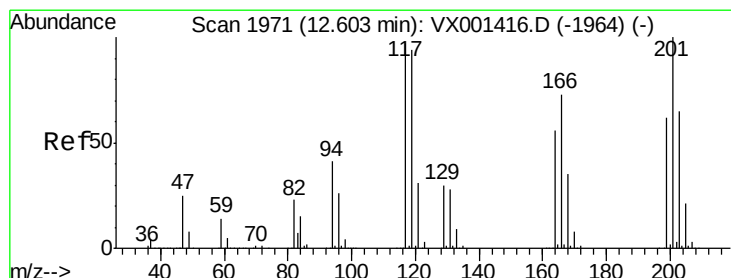
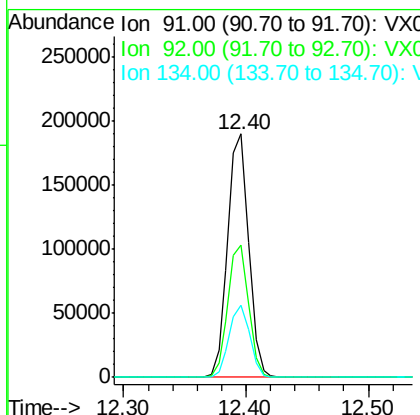
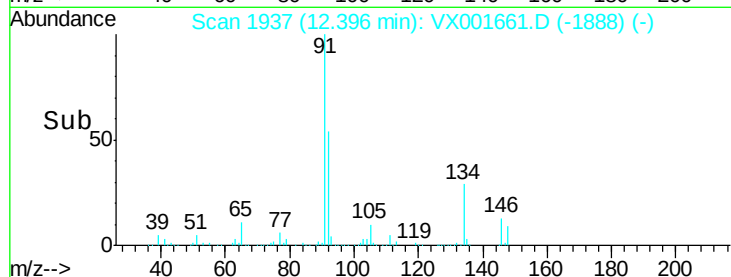
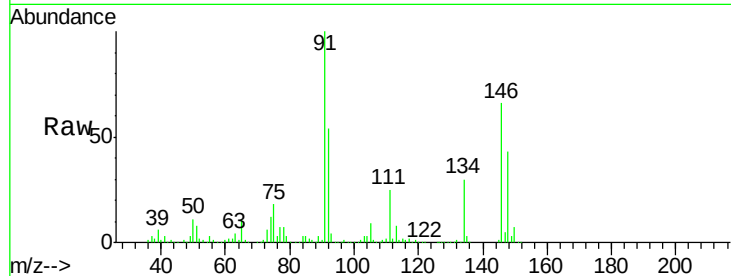
#89
n-Butylbenzene
Concen: 20.56 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	224696		
92	53.9		27.2	81.5
134	29.0		14.6	44.0

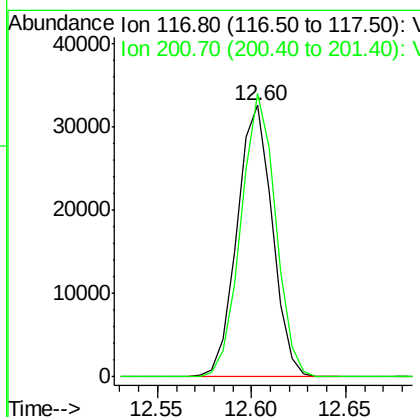
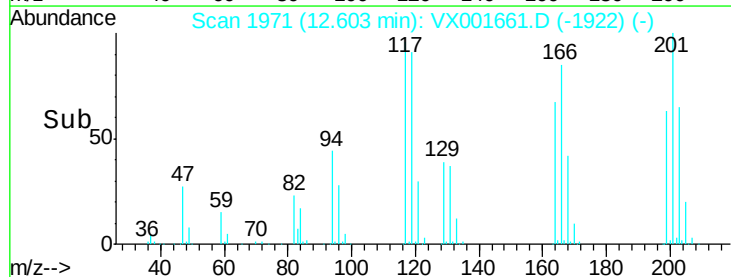
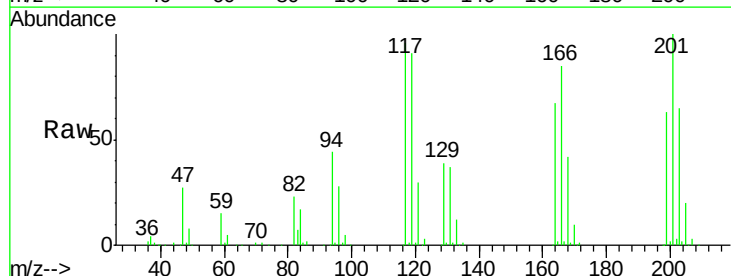
Manual Integrations
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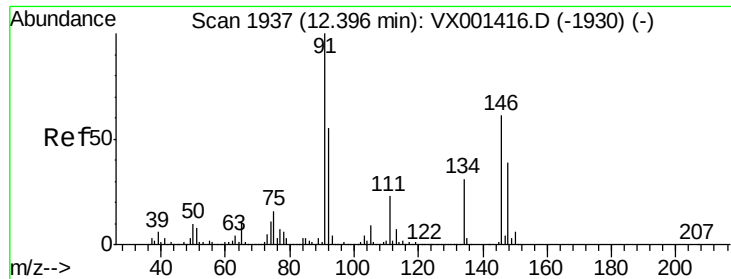
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#90
Hexachloroethane
Concen: 21.29 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42268		
201	102.4		51.5	154.5





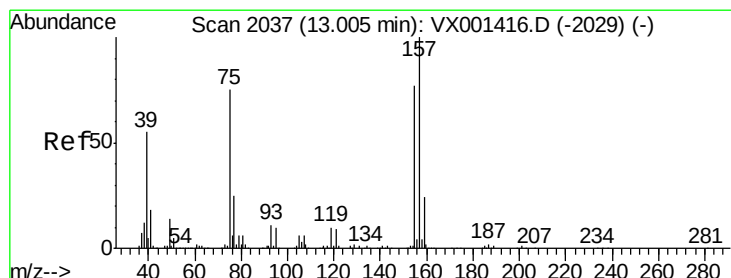
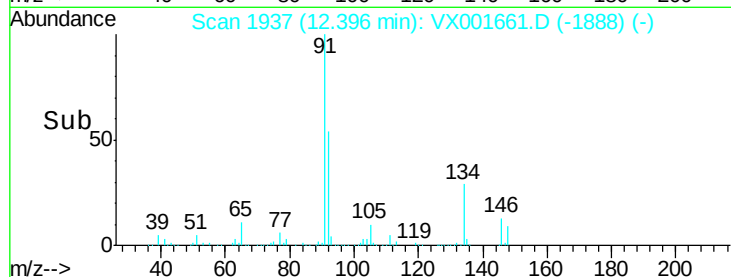
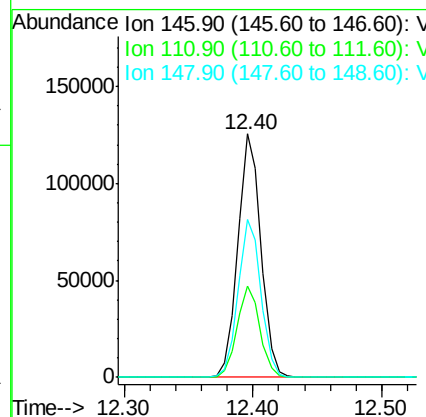
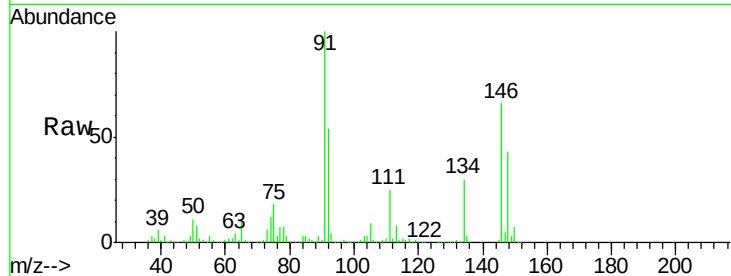
#91
 1,2-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156513		
111	37.3	18.6	55.8	
148	64.5	32.1	96.5	

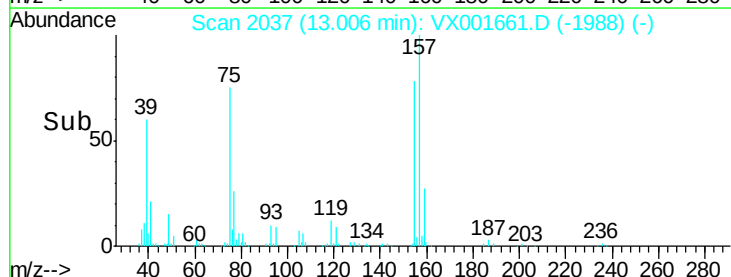
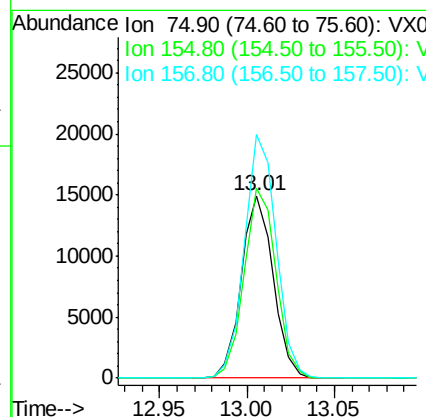
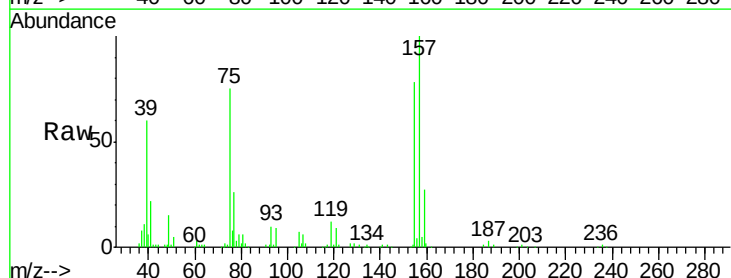
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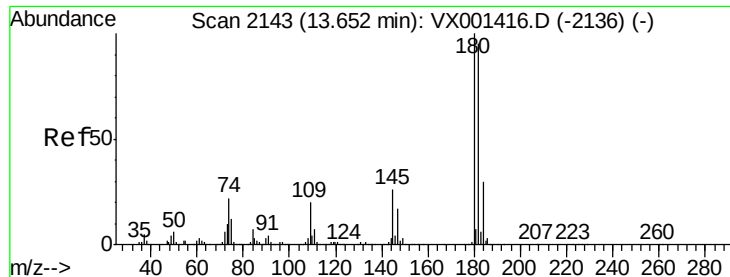
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.16 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18910		
155	103.7	53.4	160.2	
157	132.9	68.3	204.8	





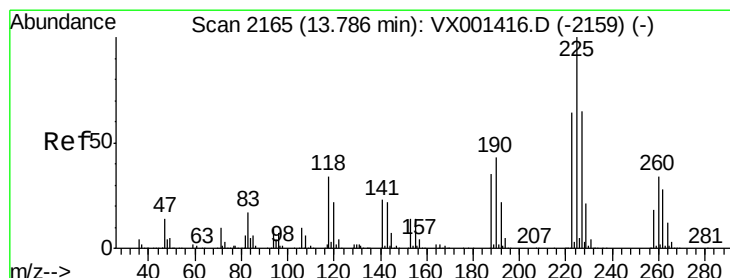
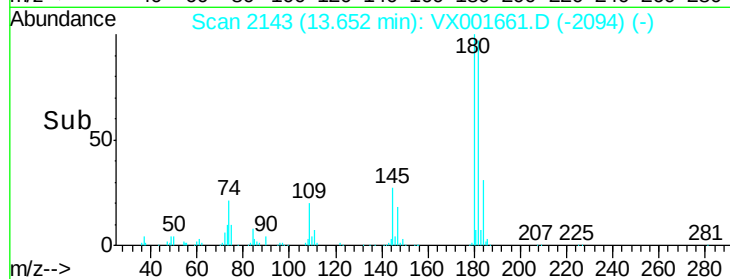
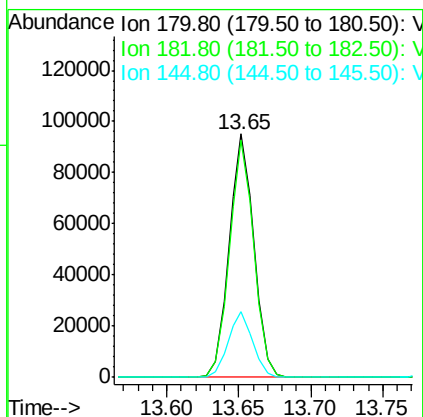
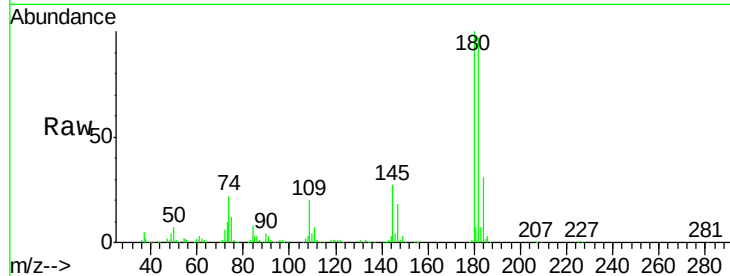
#93
 1,2,4-Trichlorobenzene
 Concen: 20.49 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	114642		
182	96.0	47.8	143.4	
145	26.8	13.3	39.9	

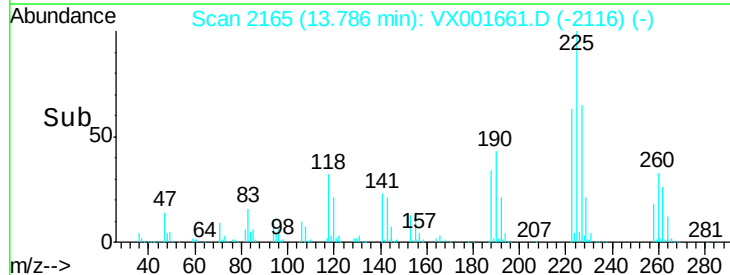
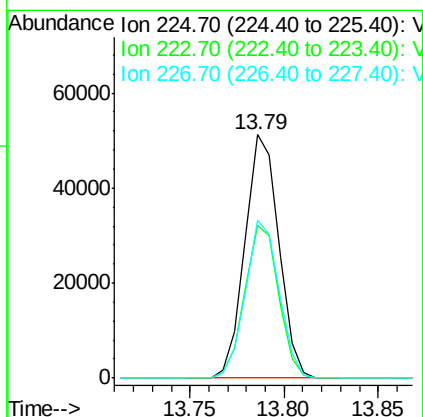
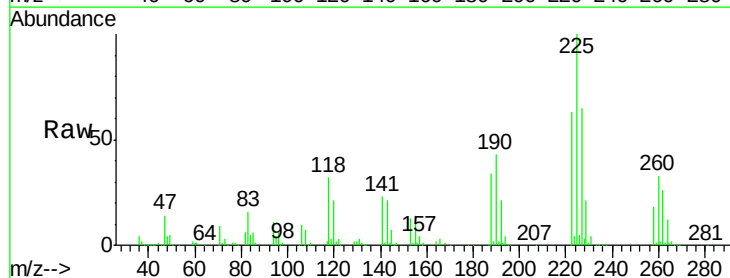
Manual Integrations
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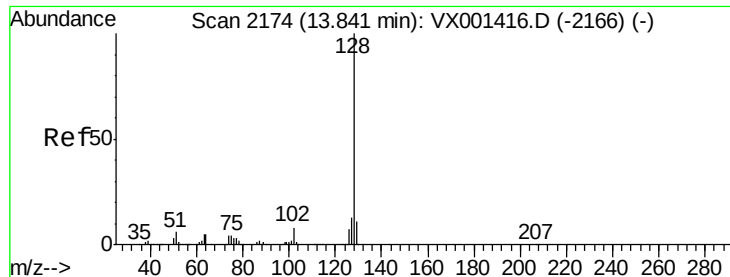
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#94
 Hexachlorobutadiene
 Concen: 20.87 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63883		
223	62.8	31.3	93.9	
227	64.5	32.4	97.2	





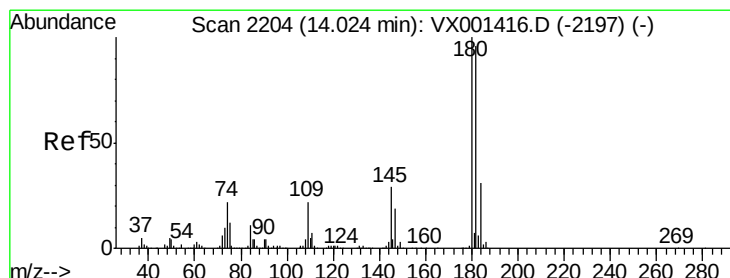
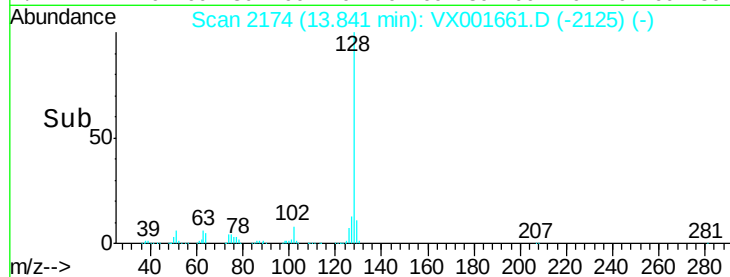
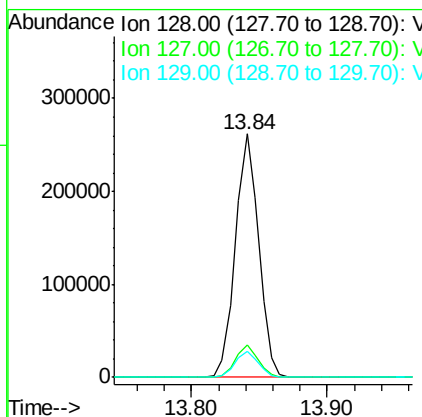
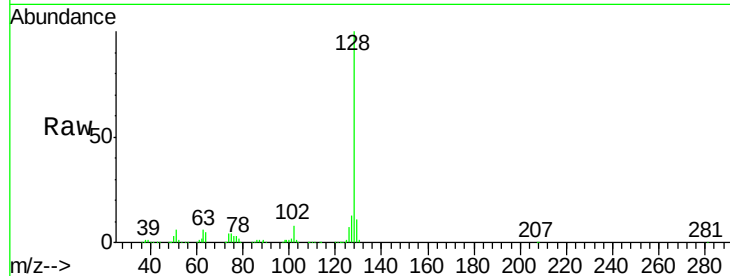
#95
Naphthalene
Concen: 20.21 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	312616		
127	12.9		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.69 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118765		
182	96.1		48.0	144.2
145	28.6		14.1	42.4

