

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000273.D
 Acq On : 12 Mar 2018 12:32
 Operator : JC/MD
 Sample : VX0312MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0312MBSD01

Manual Integrations
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apatel
 3/13/2018 10:58:34 AM

Quant Time: Mar 13 04:54:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	88783	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.51	113	68934	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.73	98	277287	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.15	95	106782	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25591	18.55	ug/l	100
3) Chloromethane	1.32	50	27441	20.38	ug/l	99
4) Vinyl Chloride	1.41	62	33352	21.25	ug/l	96
5) Bromomethane	1.64	94	28348	16.65	ug/l	100
6) Chloroethane	1.73	64	20693	20.87	ug/l	95
7) Trichlorofluoromethane	1.93	101	54880	21.08	ug/l	99
8) Diethyl Ether	2.20	74	19779	20.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29625	20.37	ug/l	96
10) Methyl Iodide	2.52	142	22350	16.87	ug/l	98
11) Tert butyl alcohol	3.08	59	57718	89.52	ug/l	100
12) 1,1-Dichloroethene	2.38	96	27932	20.92	ug/l	97
13) Acrolein	2.30	56	35652	105.18	ug/l	100
14) Allyl chloride	2.73	41	49451	20.05	ug/l	97
15) Acrylonitrile	3.16	53	111515	99.38	ug/l	98
16) Acetone	2.45	43	121409	96.35	ug/l	99
17) Carbon Disulfide	2.57	76	69202	18.92	ug/l	98
18) Methyl Acetate	2.79	43	53469	19.92	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	99276	20.88	ug/l	99
20) Methylene Chloride	2.87	84	30458	20.27	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28819	19.63	ug/l	93
22) Diisopropyl ether	3.88	45	73168	17.28	ug/l	96
23) Vinyl Acetate	3.84	43	356605	87.37	ug/l	98
24) 1,1-Dichloroethane	3.71	63	53667	20.67	ug/l	97
25) 2-Butanone	4.72	43	146334	94.10	ug/l	100
26) 2,2-Dichloropropane	4.60	77	36530	19.25	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27575	19.81	ug/l	98
28) Bromochloromethane	5.03	49	23742	21.52	ug/l	99
29) Tetrahydrofuran	5.18	42	90117	92.26	ug/l	99
30) Chloroform	5.23	83	48671	19.39	ug/l	100
31) Cyclohexane	5.59	56	38399	20.00	ug/l #	92
32) 1,1,1-Trichloroethane	5.51	97	44323	20.37	ug/l	99
36) 1,1-Dichloropropene	5.81	75	36594	19.56	ug/l	99
37) Ethyl Acetate	4.87	43	50308	18.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	37591	19.85	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42807	18.65	µg/l	99
40) Benzene	6.15	78	107723	19.96	µg/l	98
41) Methacrylonitrile	5.07	41	25856	18.76	µg/l	98
42) 1,2-Dichloroethane	6.21	62	42461	20.06	µg/l	99
43) Isopropyl Acetate	6.48	43	75707	19.37	µg/l	99
44) Trichloroethene	7.23	130	30167	19.53	µg/l	96
45) 1,2-Dichloropropane	7.52	63	26833	19.63	µg/l	93
46) Dibromomethane	7.67	93	21176	19.58	µg/l	98
47) Bromodichloromethane	7.91	83	37073	19.49	µg/l	94
48) Methyl methacrylate	7.79	41	37524	19.49	µg/l	95
49) 1,4-Dioxane	7.77	88	15248	348.83	µg/l	99
51) 4-Methyl-2-Pentanone	8.66	43	285050	96.61	µg/l	98
52) Toluene	8.79	92	74042	20.02	µg/l	99
53) t-1,3-Dichloropropene	8.45	75	44152	19.70	µg/l	95
54) cis-1,3-Dichloropropene	9.05	75	43383	20.01	µg/l	94
55) 1,1,2-Trichloroethane	9.23	97	30646	20.46	µg/l	97
56) Ethyl methacrylate	9.19	69	45406	20.25	µg/l	99
57) 1,3-Dichloropropane	9.38	76	50035	19.89	µg/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	111556	98.57	µg/l	99
59) 2-Hexanone	9.51	43	235987	93.80	µg/l	99
60) Dibromochloromethane	9.59	129	30683	19.43	µg/l	96
61) 1,2-Dibromoethane	9.68	107	32673	19.64	µg/l	98
64) Tetrachloroethene	9.34	164	29536	19.79	µg/l	95
65) Chlorobenzene	10.15	112	86815	20.15	µg/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28952	19.66	µg/l	97
67) Ethyl Benzene	10.26	91	148436	19.74	µg/l	99
68) m/p-Xylenes	10.37	106	114201	39.47	µg/l	97
69) o-Xylene	10.71	106	55569	19.98	µg/l	98
70) Styrene	10.72	104	92024	19.95	µg/l	99
71) Bromoform	10.87	173	23075	17.51	µg/l #	100
73) Isopropylbenzene	11.02	105	151848	19.60	µg/l	100
74) N-amyl acetate	6.48	43	75707	19.10	µg/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54456	20.05	µg/l	99
76) 1,2,3-Trichloropropane	11.30	75	47335m	19.08	µg/l	
77) Bromobenzene	11.26	156	38568	19.26	µg/l	96
78) n-propylbenzene	11.37	91	179912	19.73	µg/l	99
79) 2-Chlorotoluene	11.43	91	101219	19.68	µg/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129197	19.97	µg/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	13775	17.01	µg/l	89
82) 4-Chlorotoluene	11.52	91	126238	20.19	µg/l	95
83) tert-Butylbenzene	11.78	119	123481	19.62	µg/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	134275	20.19	µg/l	99
85) sec-Butylbenzene	11.96	105	162137	20.37	µg/l	99
86) p-Isopropyltoluene	12.07	119	140022	19.95	µg/l	98
87) 1,3-Dichlorobenzene	12.04	146	75089	19.72	µg/l	98
88) 1,4-Dichlorobenzene	12.10	146	78165	19.58	µg/l	98
89) n-Butylbenzene	12.40	91	138890	20.54	µg/l	99
90) Hexachloroethane	12.60	117	20991	18.56	µg/l	98
91) 1,2-Dichlorobenzene	12.40	146	76669	20.33	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14546	19.07	µg/l	92

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ClientSampleId :
VX0312MBSD01

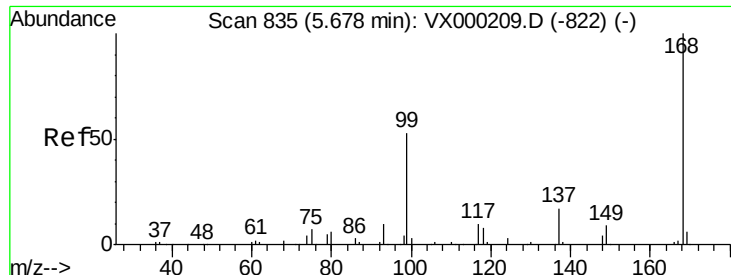
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54154	19.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	22277	19.51	ug/l	99
95) Naphthalene	13.84	128	191878	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	52747	19.44	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion:168 Resp: 126581

Ion Ratio Lower Upper

168 100

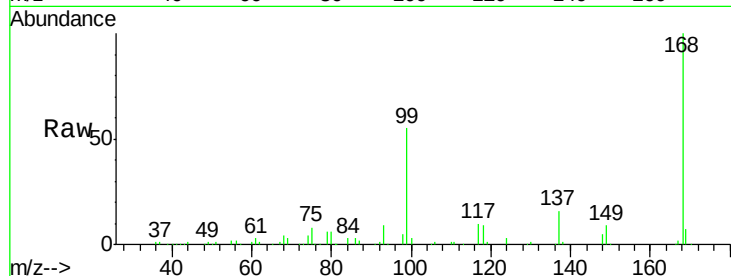
99 54.8 42.8 64.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

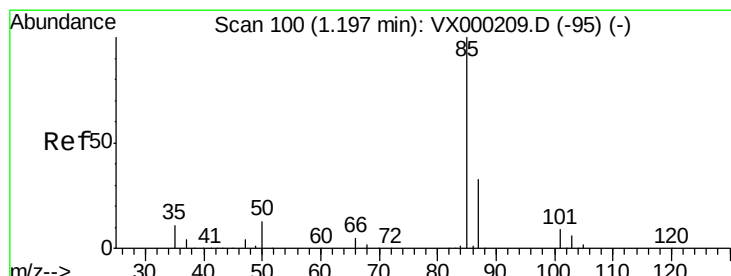
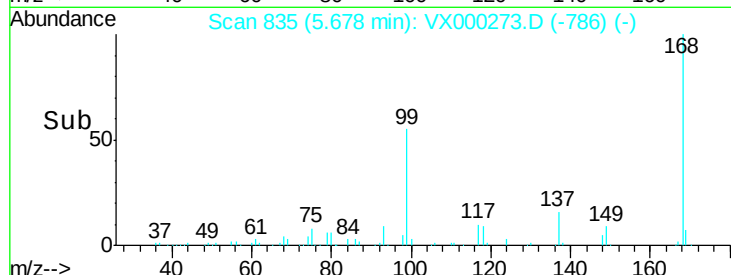
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.55 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000273.D

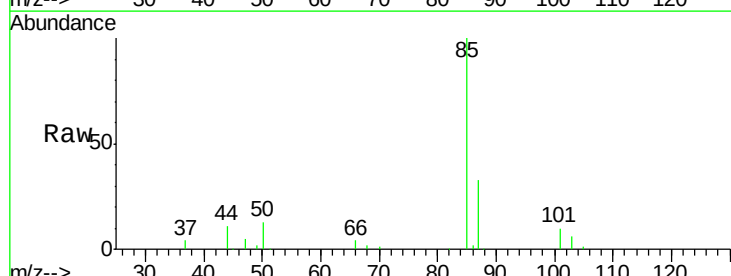
Acq: 12 Mar 2018 12:32

Tgt Ion: 85 Resp: 25591

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

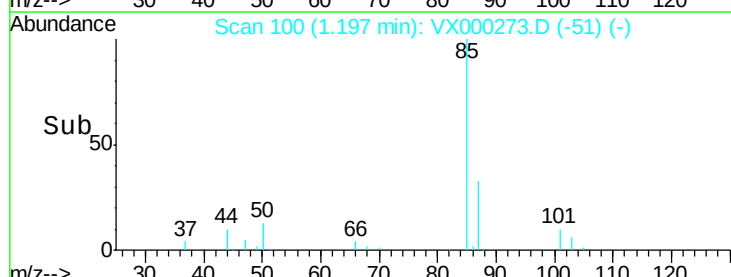
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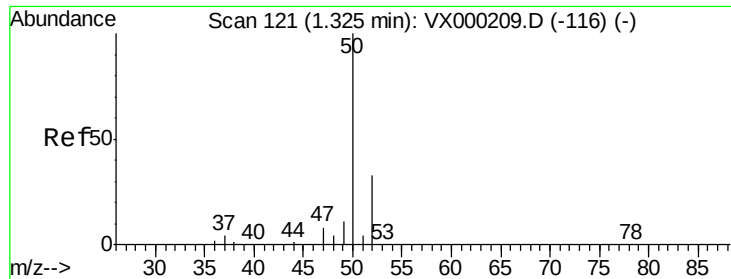
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 50 Resp: 27441

Ion Ratio Lower Upper

50 100

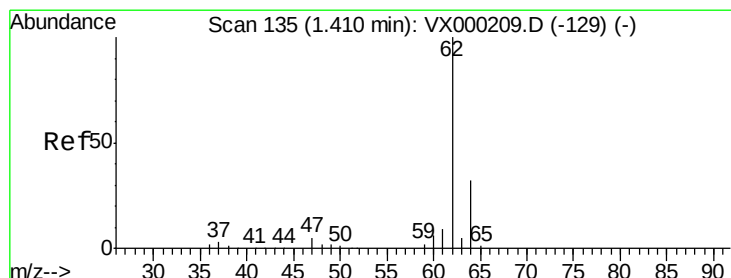
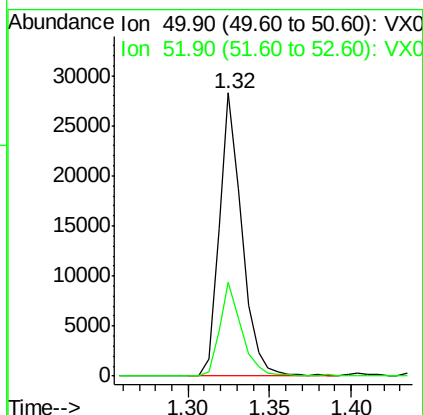
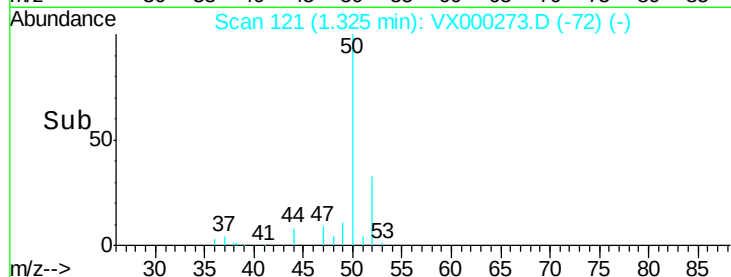
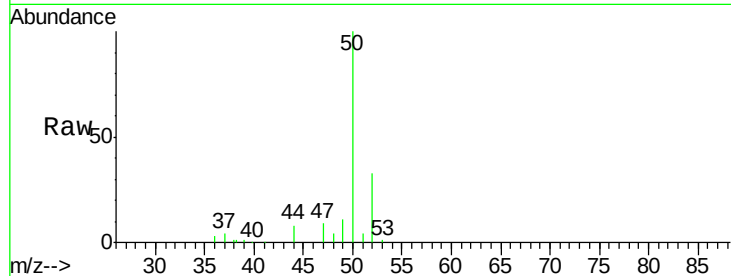
52 33.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 21.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000273.D

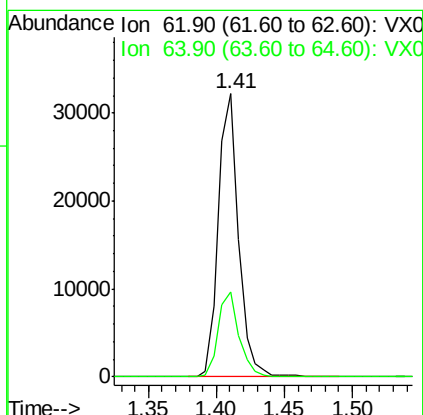
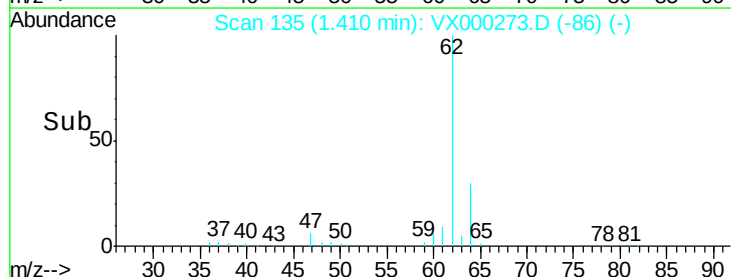
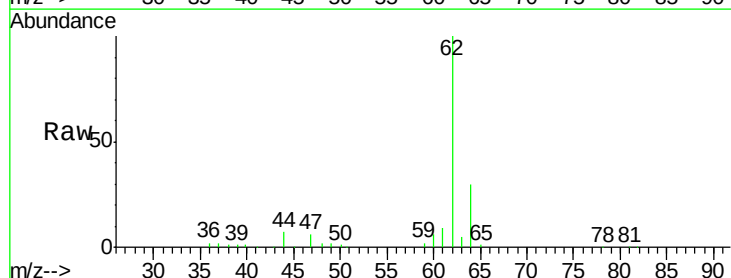
Acq: 12 Mar 2018 12:32

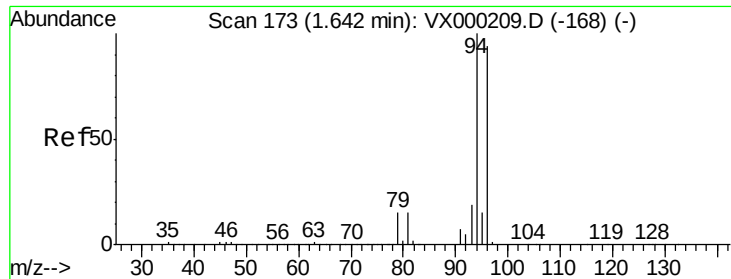
Tgt Ion: 62 Resp: 33352

Ion Ratio Lower Upper

62 100

64 30.1 25.7 38.5





#5

Bromomethane

Concen: 16.65 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 94 Resp: 28348

Ion Ratio Lower Upper

94 100

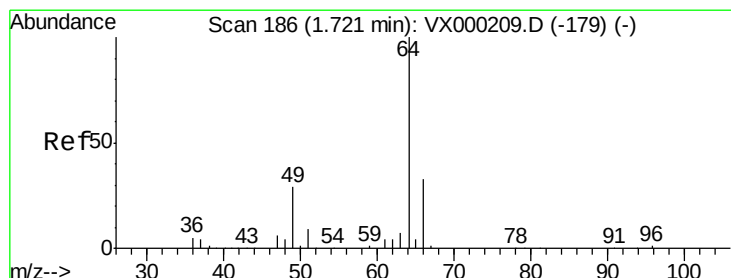
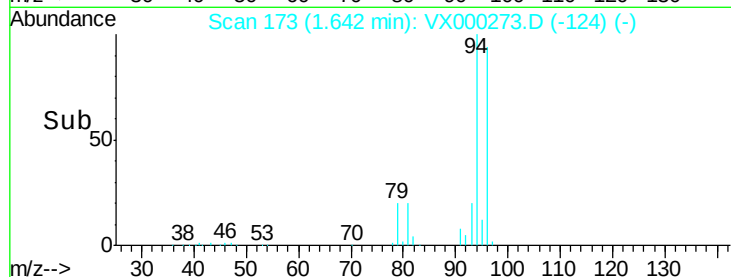
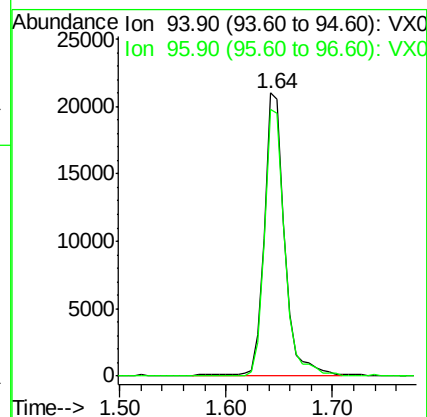
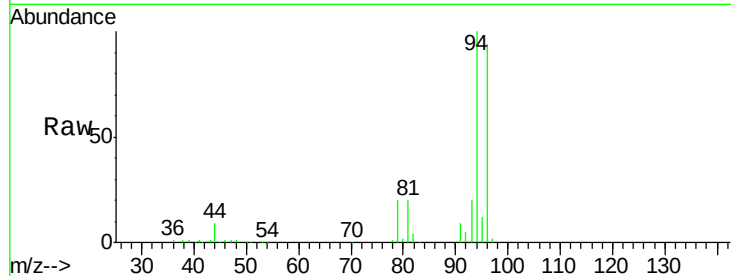
96 94.0 75.3 112.9

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#6

Chloroethane

Concen: 20.87 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000273.D

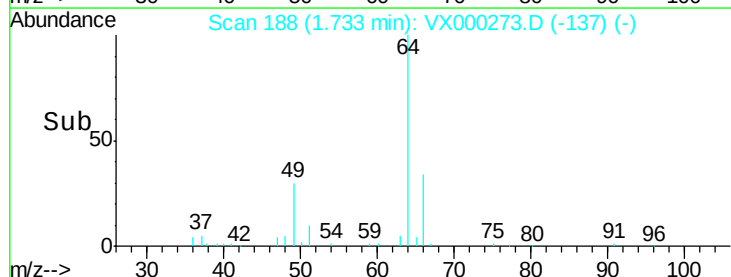
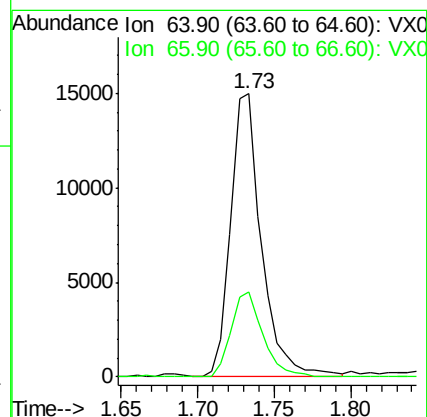
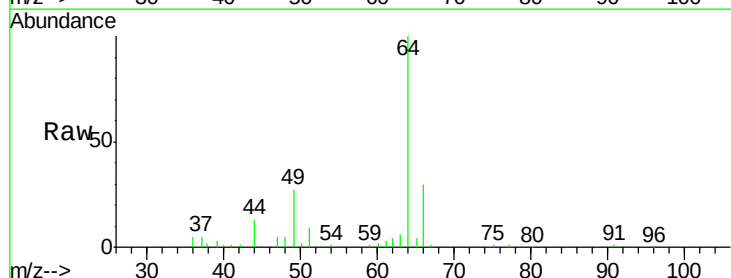
Acq: 12 Mar 2018 12:32

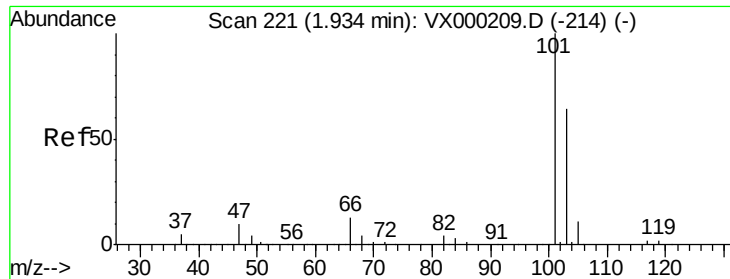
Tgt Ion: 64 Resp: 20693

Ion Ratio Lower Upper

64 100

66 30.2 26.2 39.4





#7

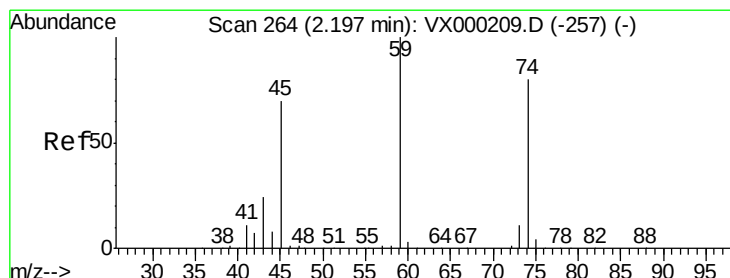
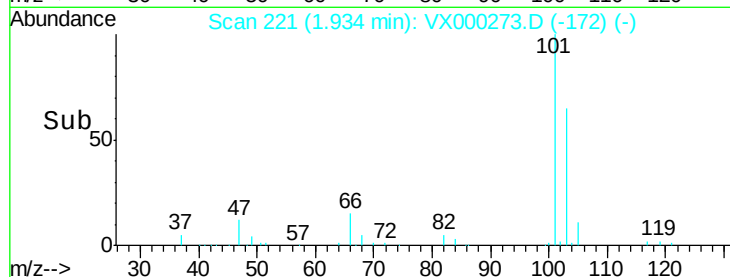
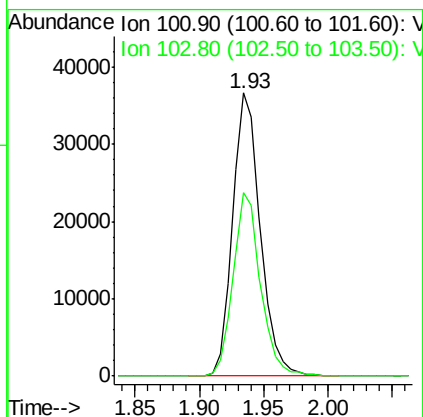
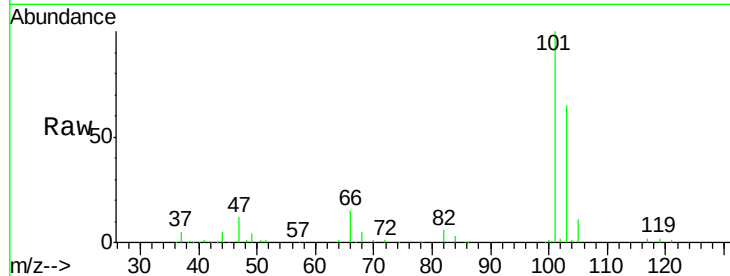
Trichlorofluoromethane
Concen: 21.08 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.2	76.8

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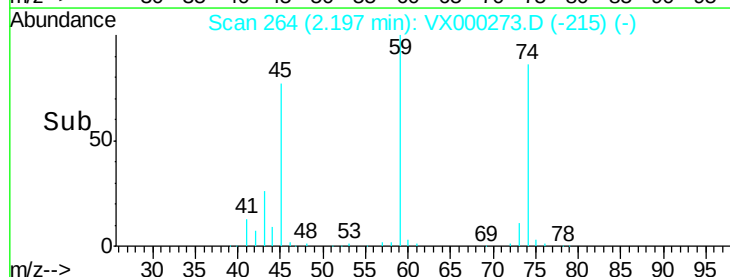
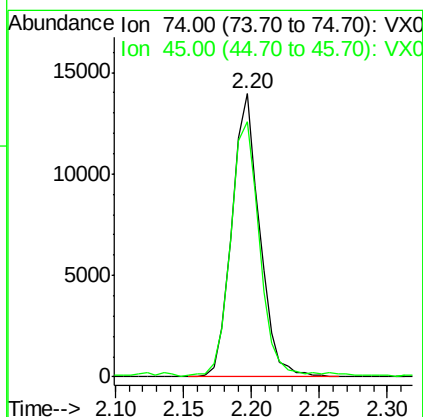
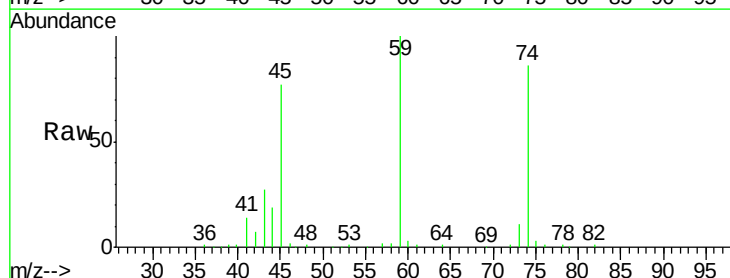
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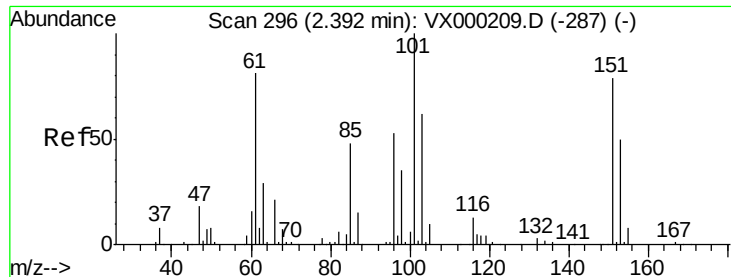


#8

Diethyl Ether
Concen: 20.70 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.37 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

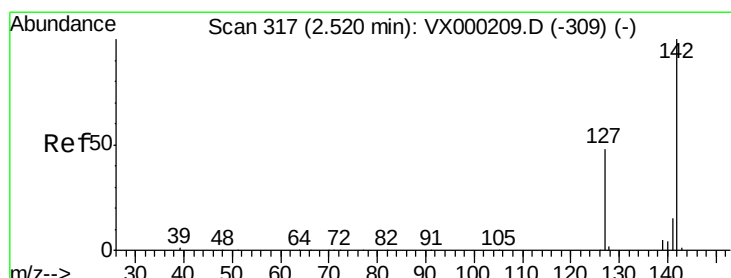
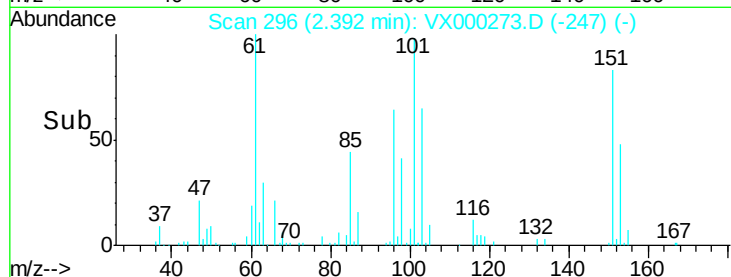
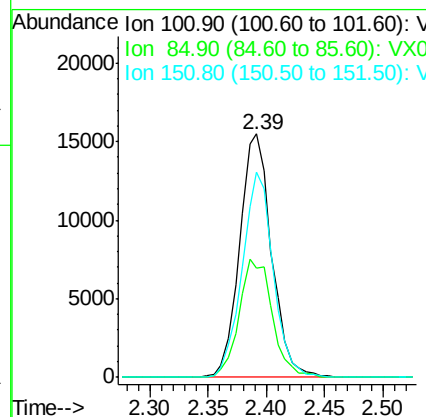
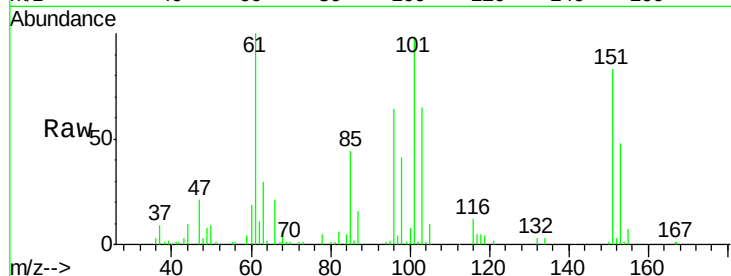
ClientSampleId :

VX0312MBSD01

Tot Ion:	101	Resp:	29625
Ion Ratio	Lower	Upper	
101	100		
85	50.1	38.3	57.5
151	82.1	62.8	94.2

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#10

Methyl Iodide

Concen: 16.87 ug/l

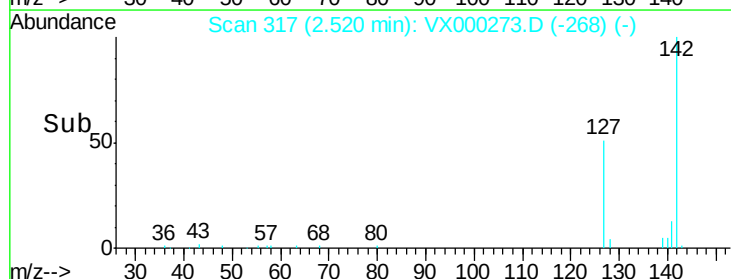
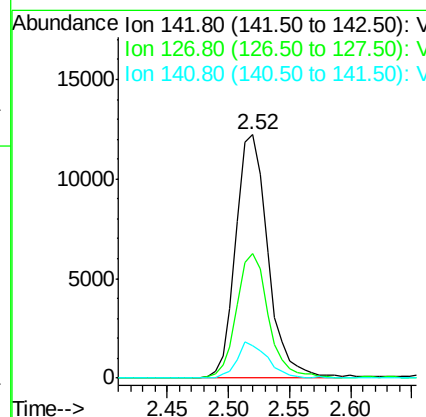
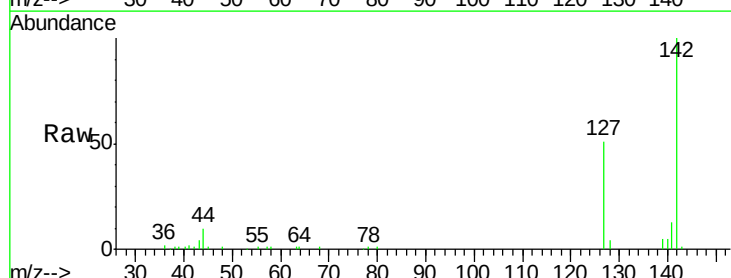
RT: 2.52 min Scan# 317

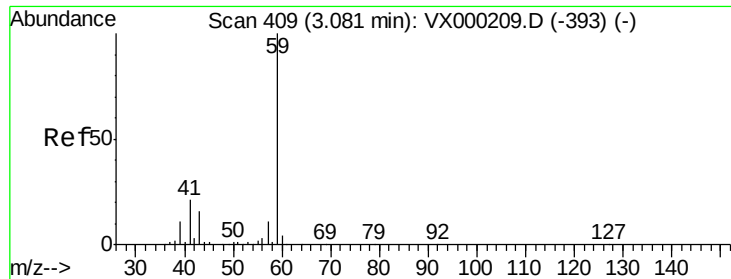
Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	142	Resp:	22350
Ion Ratio	Lower	Upper	
142	100		
127	50.4	39.0	58.6
141	13.9	11.6	17.4





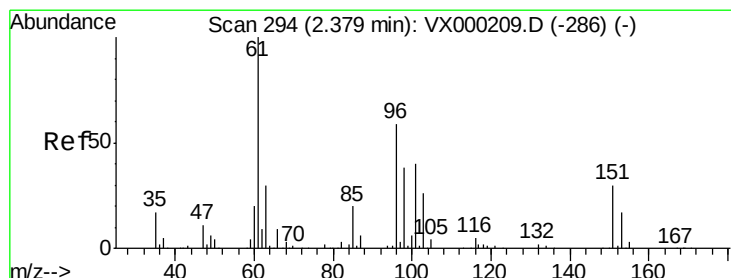
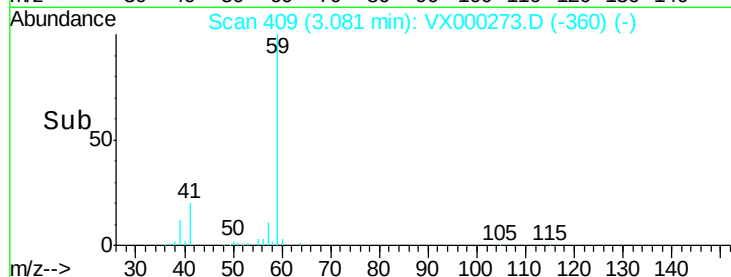
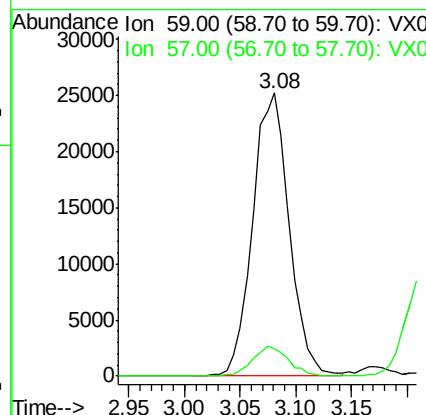
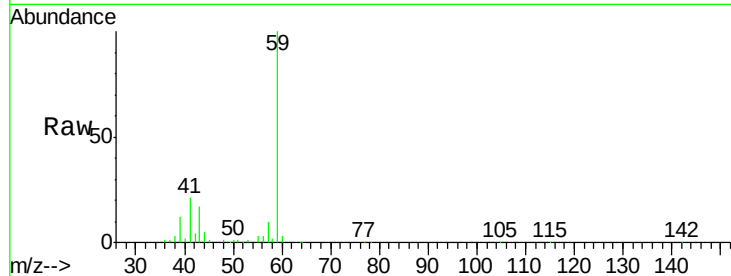
#11
Tert butyl alcohol
Concen: 89.52 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

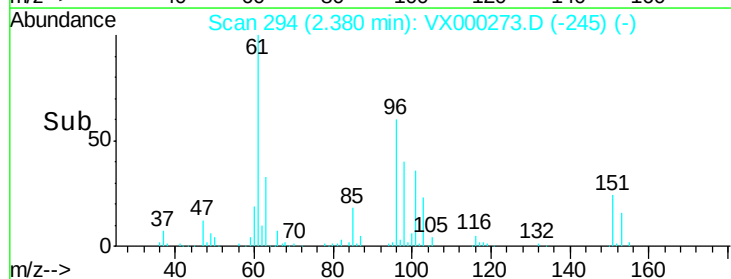
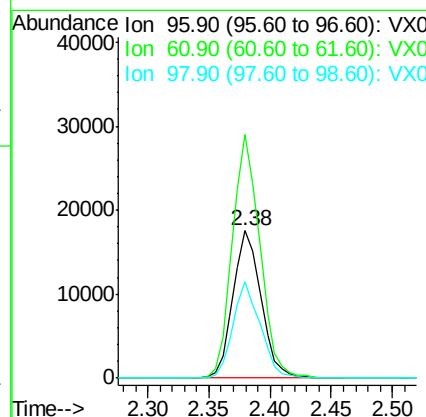
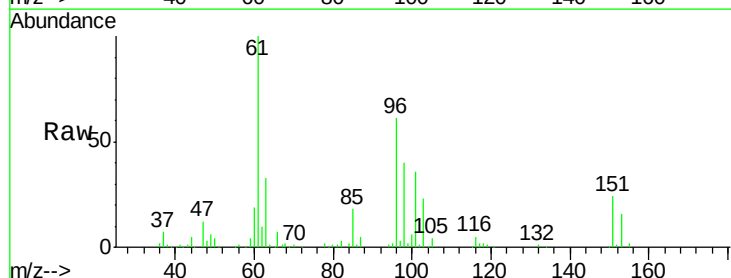
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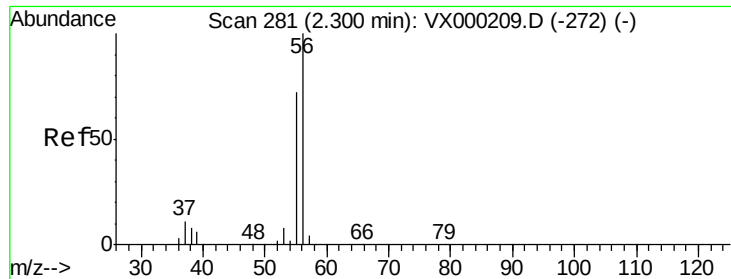
apatel
3/13/2018 10:58:34 AM



#12
1,1-Dichloroethene
Concen: 20.92 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.0	135.8	203.6
98	65.2	51.1	76.7





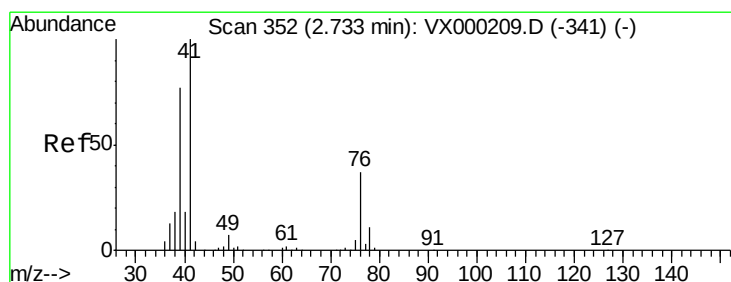
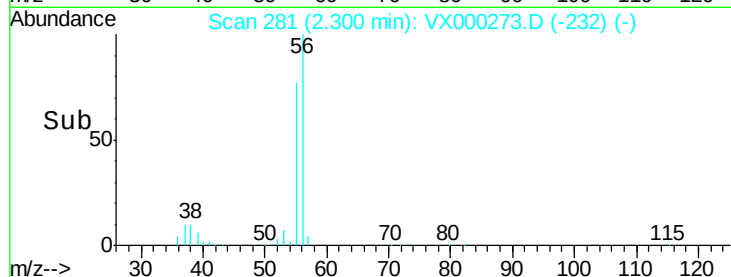
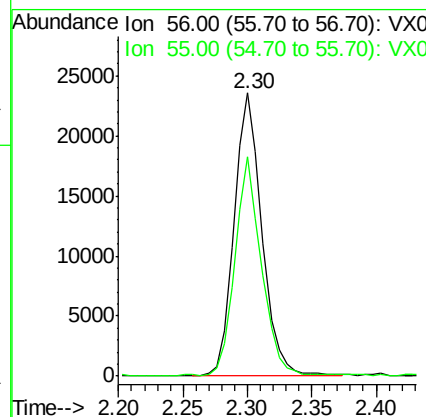
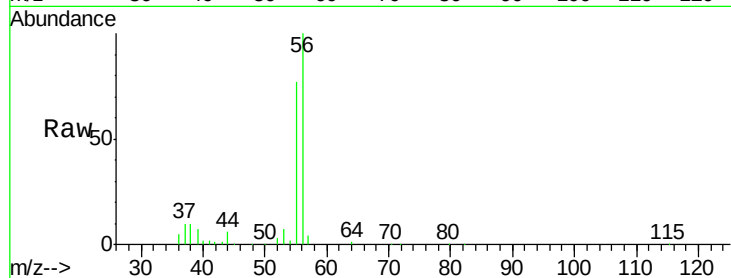
#13
Acrolein
Concen: 105.18 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	56	Resp	35652
Ion Ratio	100	Lower	Upper
55	74.2	59.2	88.8

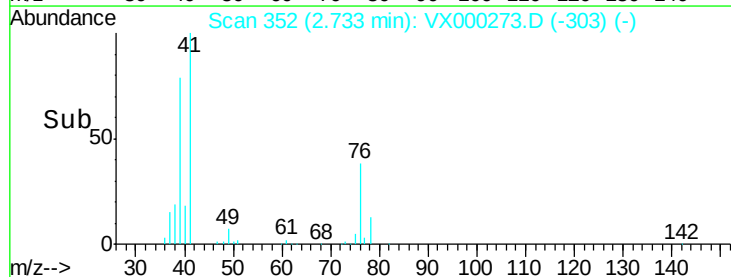
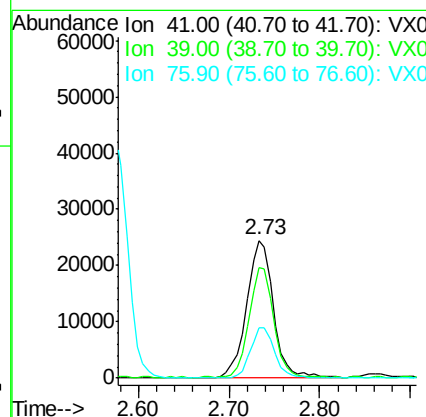
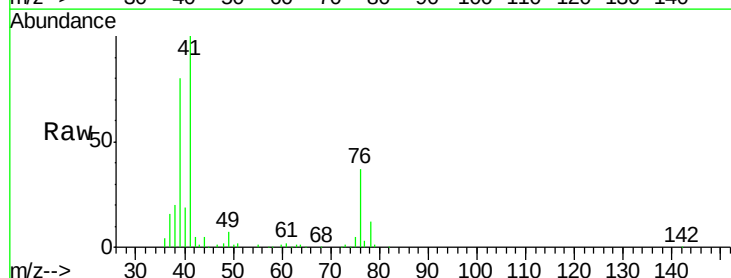
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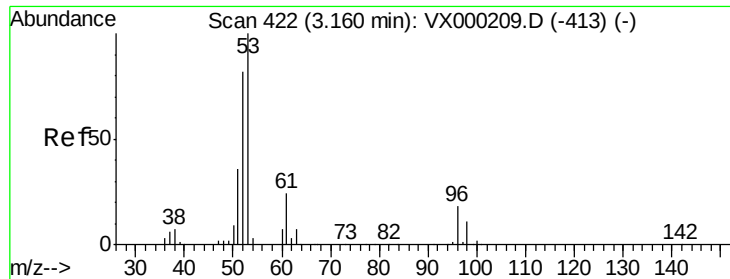
apatel
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#14
Allyl chloride
Concen: 20.05 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	41	Resp	49451
Ion Ratio	100	Lower	Upper
39	74.4	57.0	85.6
76	33.5	26.8	40.2





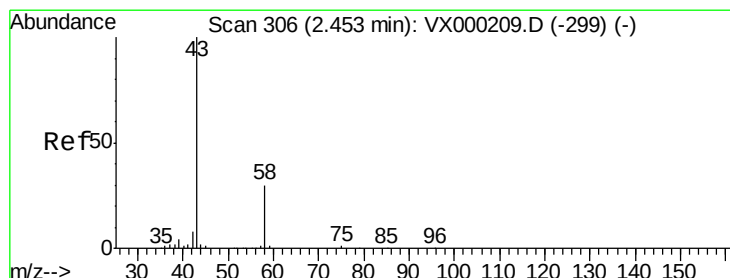
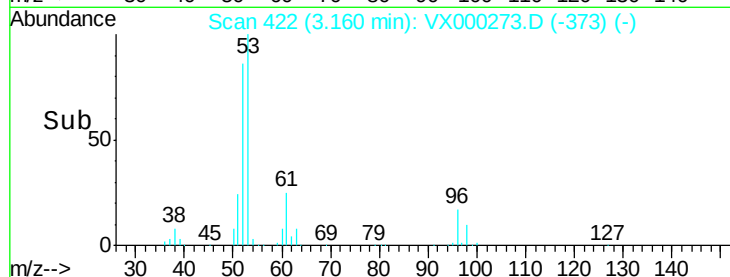
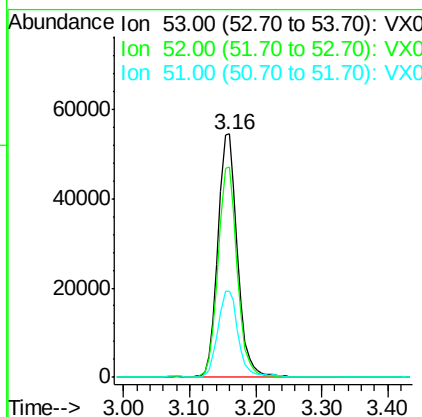
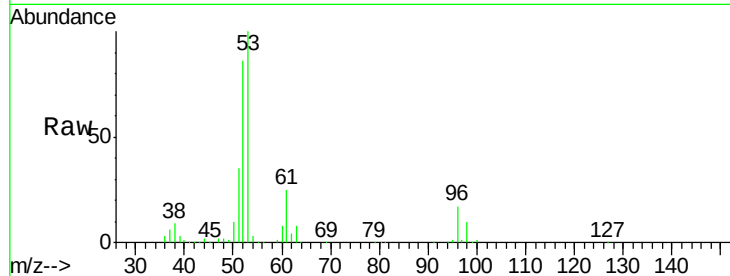
#15
 Acrylonitrile
 Concen: 99.38 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.3	99.5
51	36.3	29.6	44.4

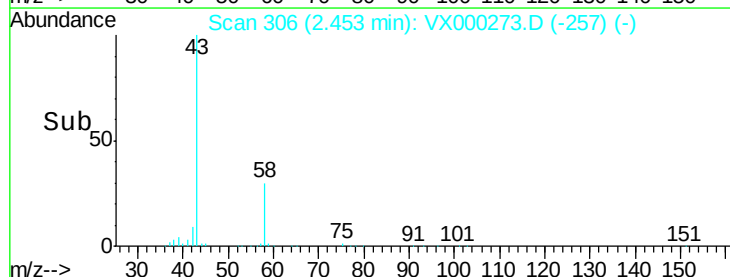
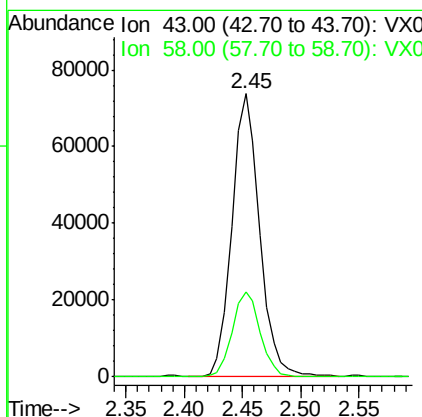
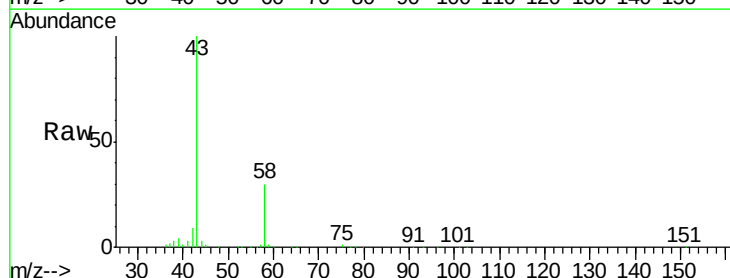
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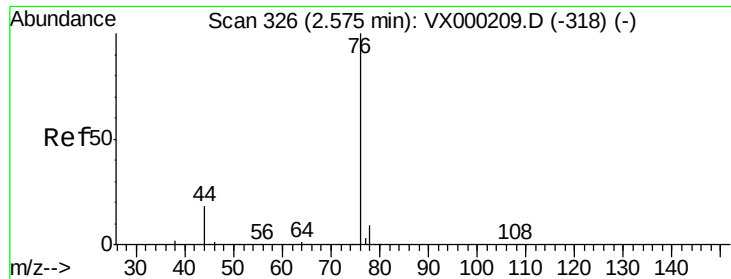
apatel
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#16
 Acetone
 Concen: 96.35 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.6





#17

Carbon Disulfide

Concen: 18.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 76 Resp: 69202

Ion Ratio Lower Upper

76 100

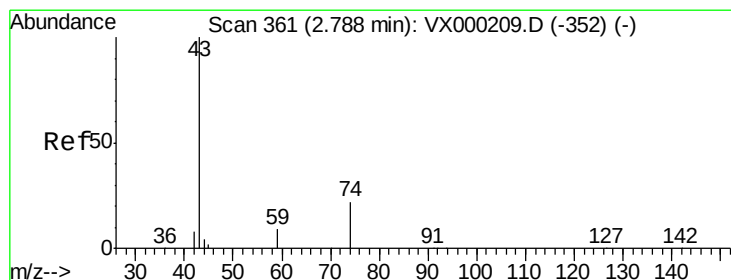
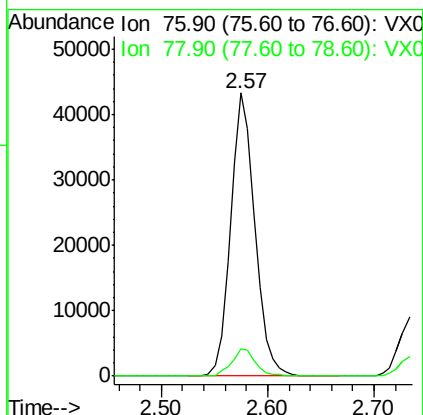
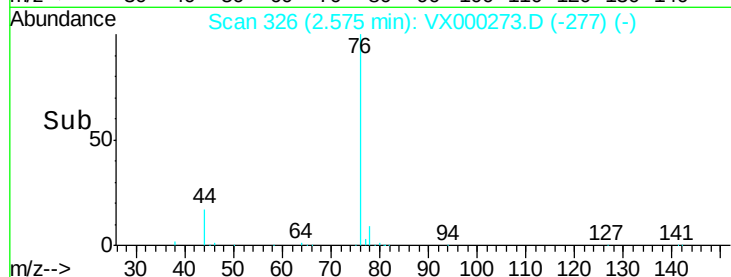
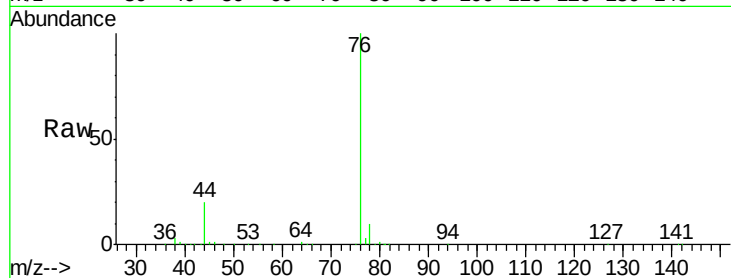
78 9.5 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 19.92 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000273.D

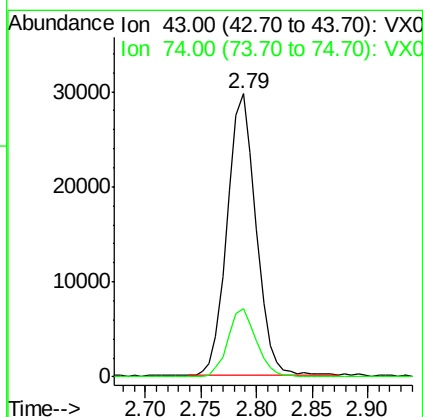
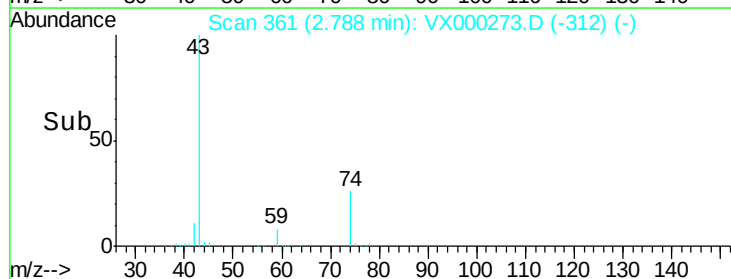
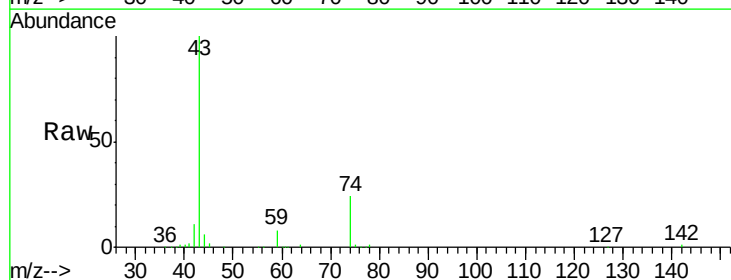
Acq: 12 Mar 2018 12:32

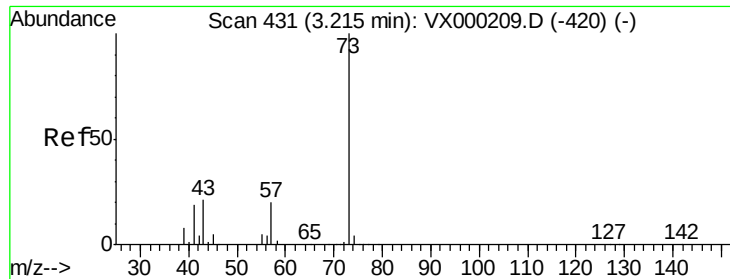
Tgt Ion: 43 Resp: 53469

Ion Ratio Lower Upper

43 100

74 24.1 18.9 28.3





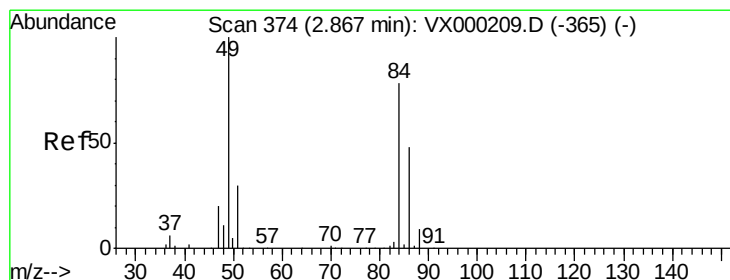
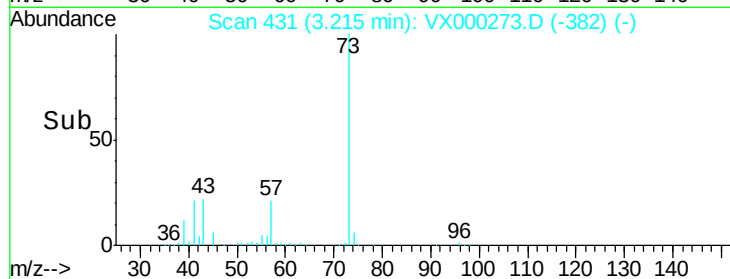
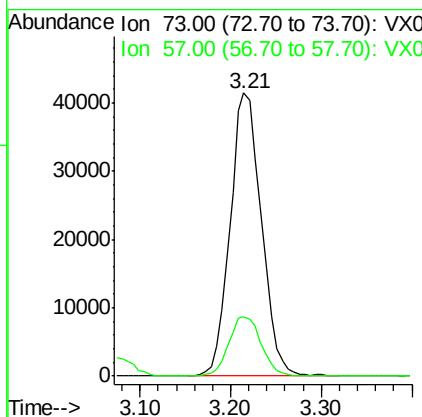
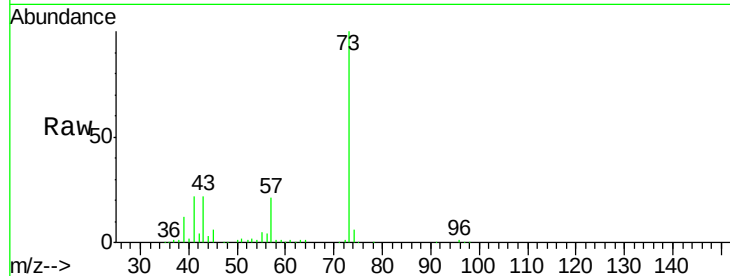
#19
Methyl tert-butyl Ether
Concen: 20.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion: 73 Resp: 99276
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5

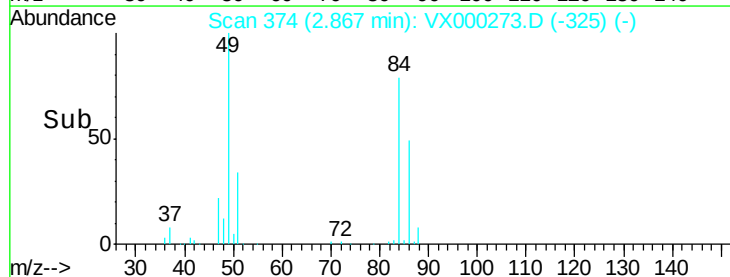
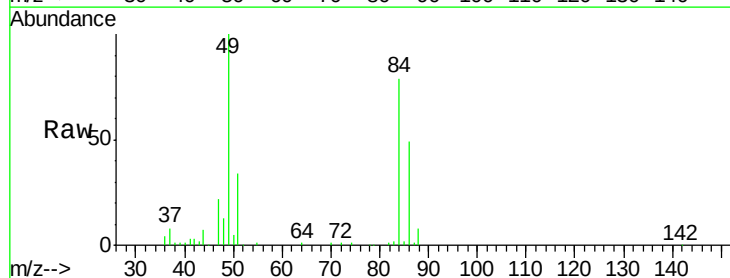
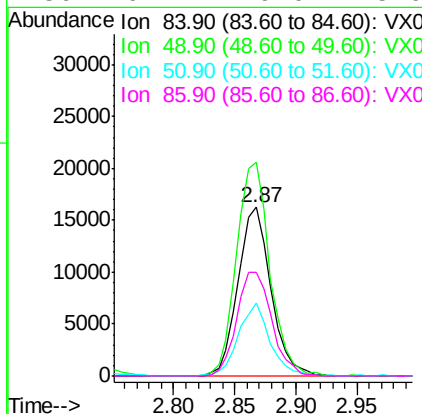
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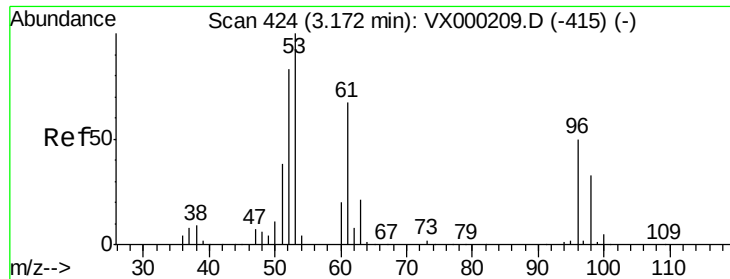
apatel
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#20
Methylene Chloride
Concen: 20.27 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 84 Resp: 30458
Ion Ratio Lower Upper
84 100
49 126.8 102.1 153.1
51 43.3 30.6 45.8
86 61.7 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.63 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

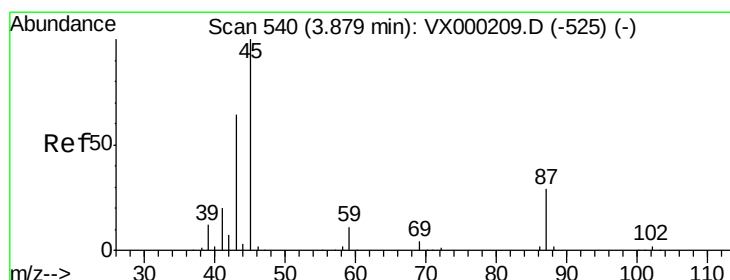
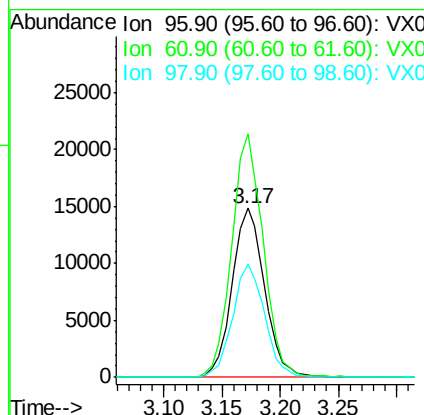
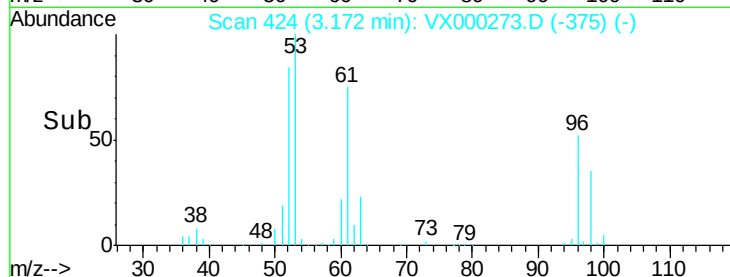
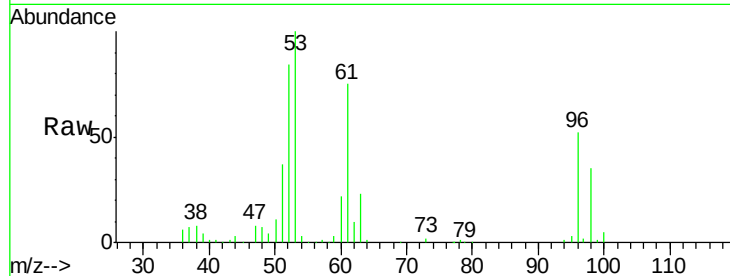
ClientSampleId :

VX0312MBSD01

Tot Ion:	96	Resp:	28819
Ion	Ratio	Lower	Upper
96	100		
61	144.0	107.0	160.4
98	67.1	51.8	77.8

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#22

Diisopropyl ether

Concen: 17.28 ug/l

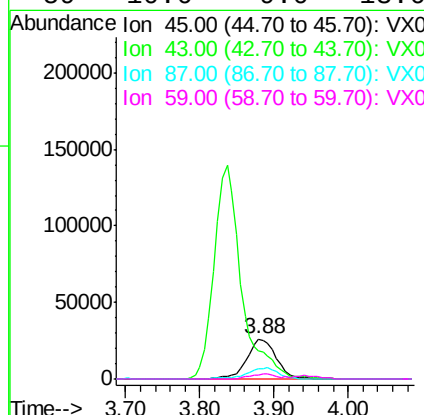
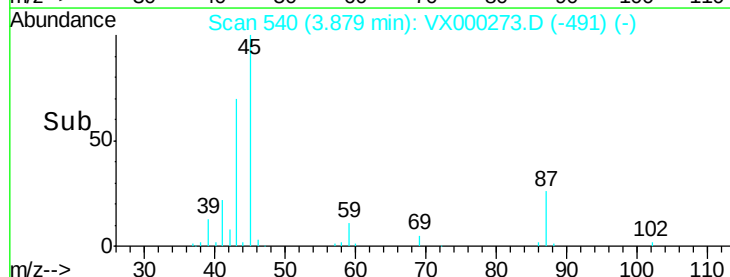
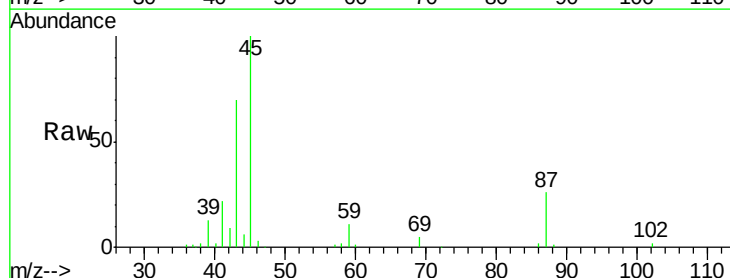
RT: 3.88 min Scan# 540

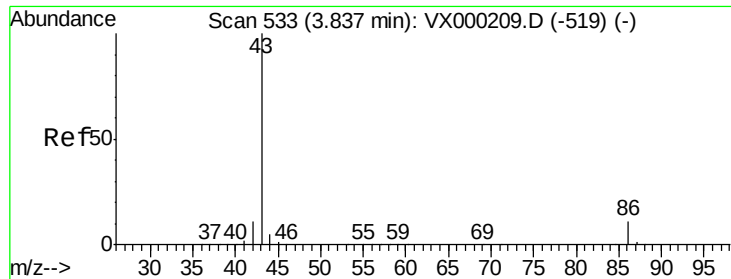
Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	45	Resp:	73168
Ion	Ratio	Lower	Upper
45	100		
43	69.0	53.5	80.3
87	25.7	23.3	34.9
59	10.6	9.0	13.6





#23

Vinyl Acetate

Concen: 87.37 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 43 Resp: 356605

Ion Ratio Lower Upper

43 100

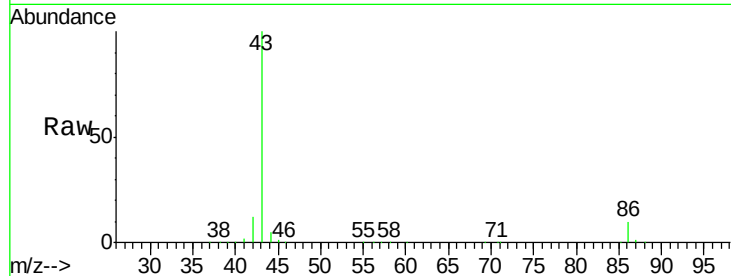
86 9.8 8.5 12.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

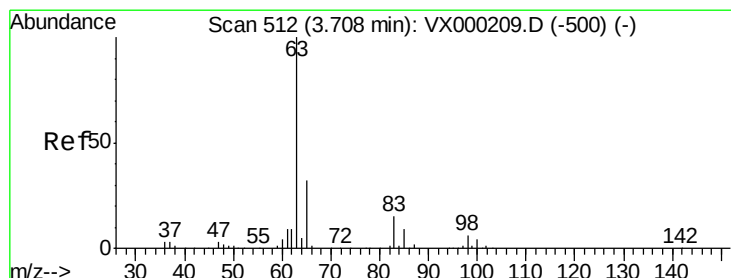
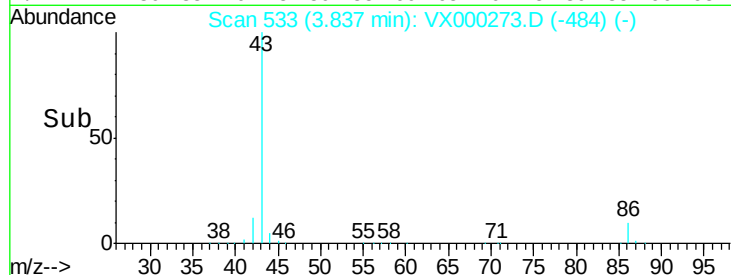
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.67 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

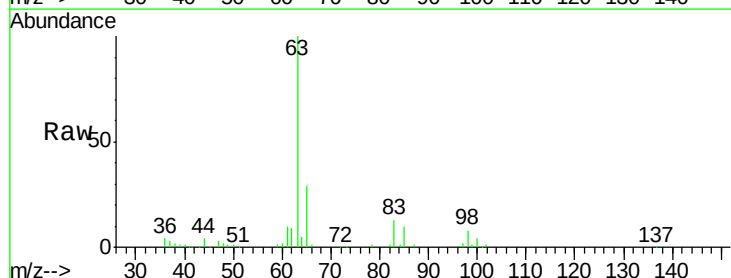
Tgt Ion: 63 Resp: 53667

Ion Ratio Lower Upper

63 100

98 7.7 3.1 9.4

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

30000

25000

20000

15000

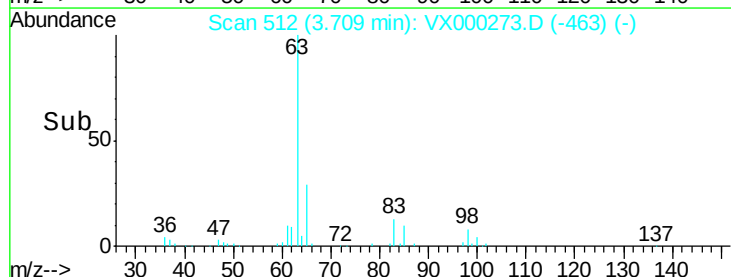
10000

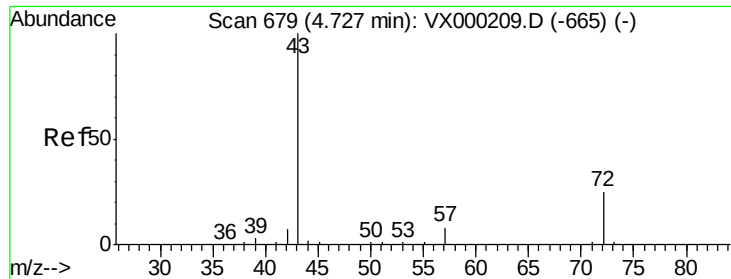
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 94.10 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 43 Resp: 146334

Ion Ratio Lower Upper

43 100

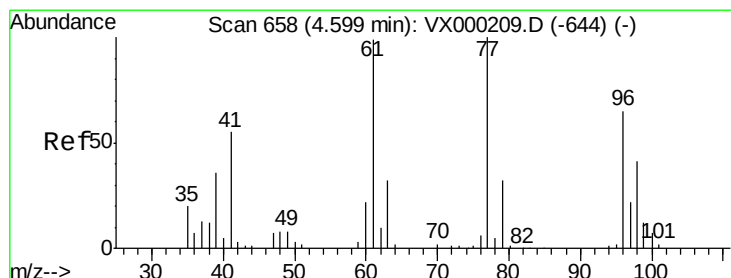
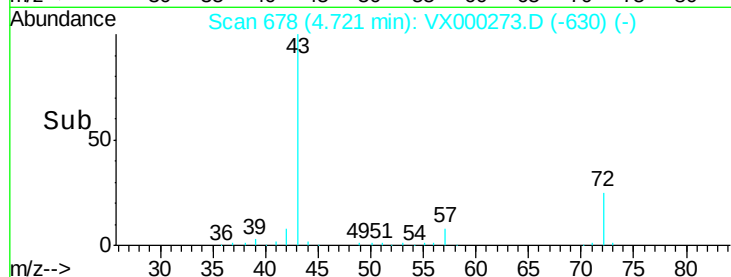
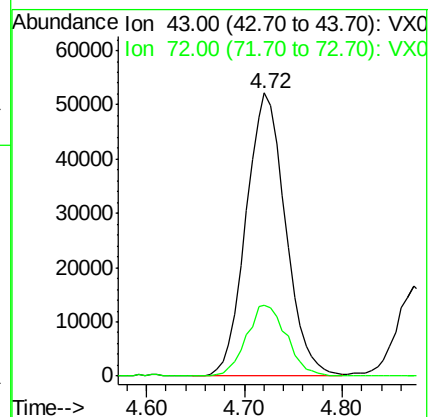
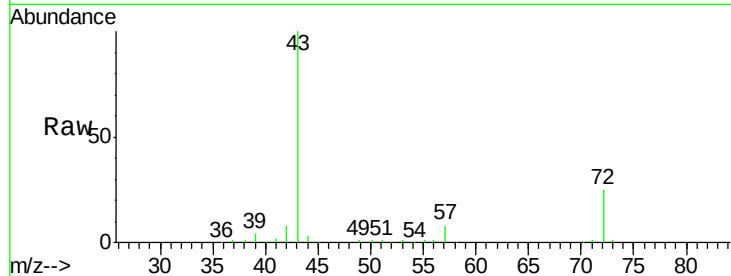
72 25.1 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 19.25 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000273.D

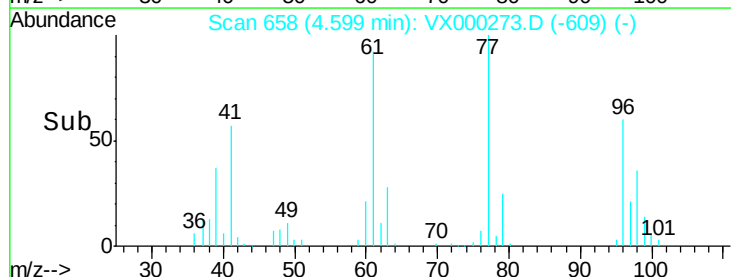
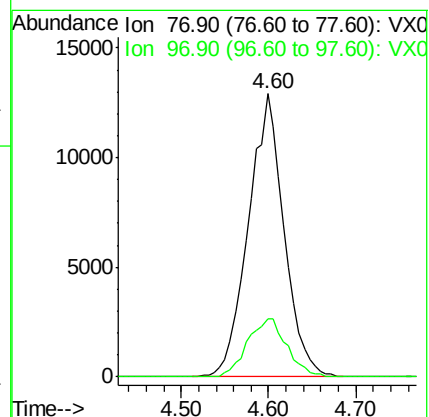
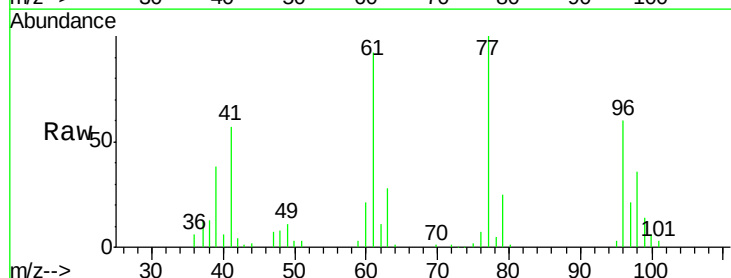
Acq: 12 Mar 2018 12:32

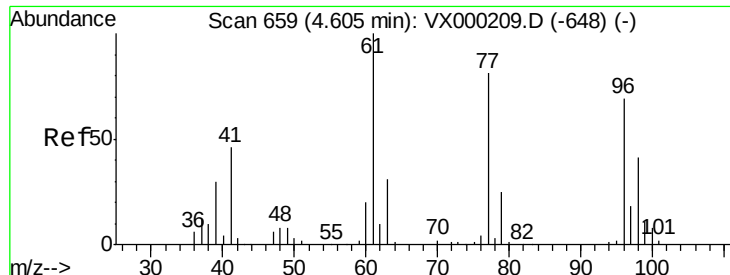
Tgt Ion: 77 Resp: 36530

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

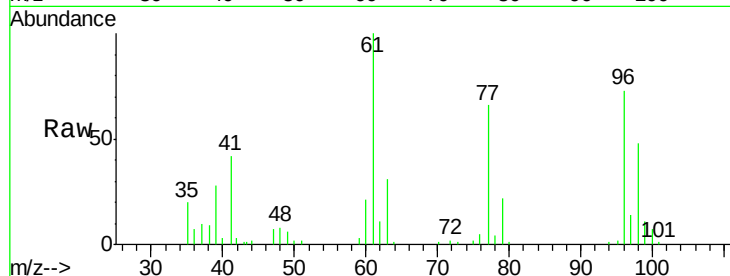
cis-1,2-Dichloroethene
Concen: 19.81 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	27575		
61	145.9		0.0	296.4
98	64.0		0.0	130.6

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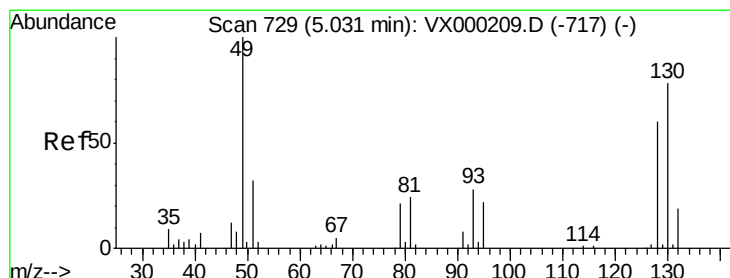
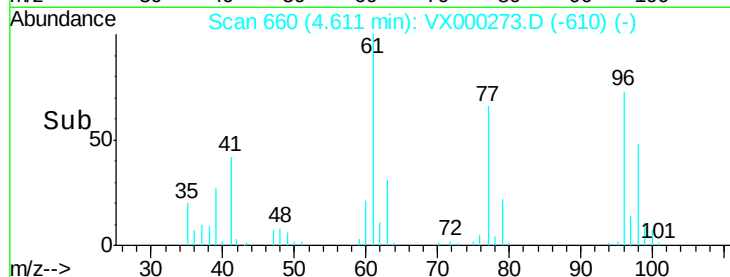
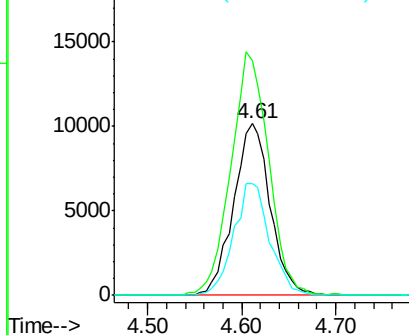


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

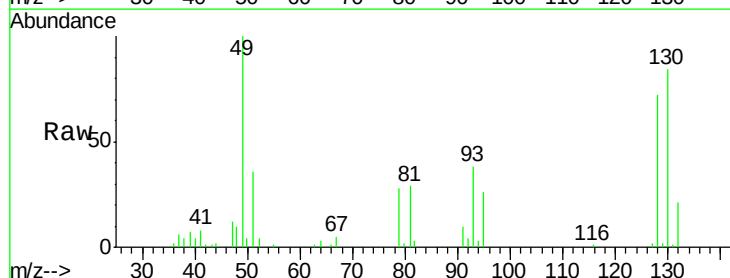
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 21.52 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23742		
129	2.1		0.0	5.0
130	78.7		63.5	95.3

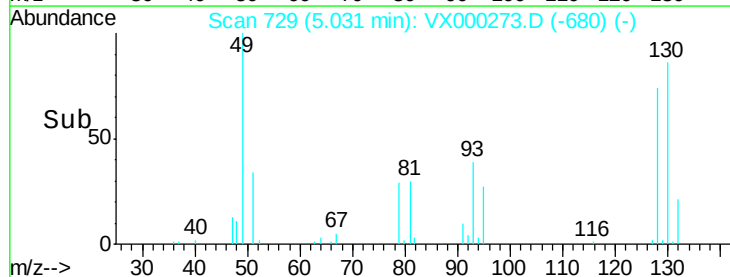
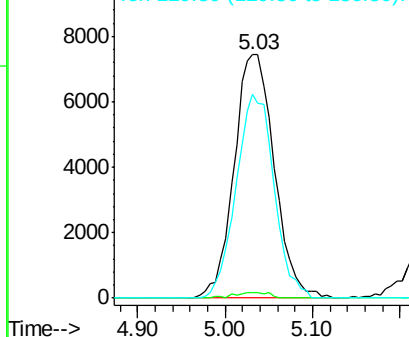


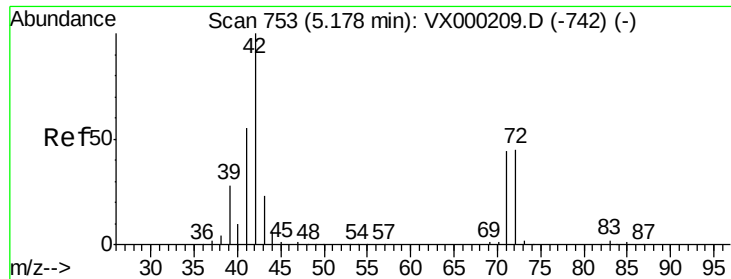
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





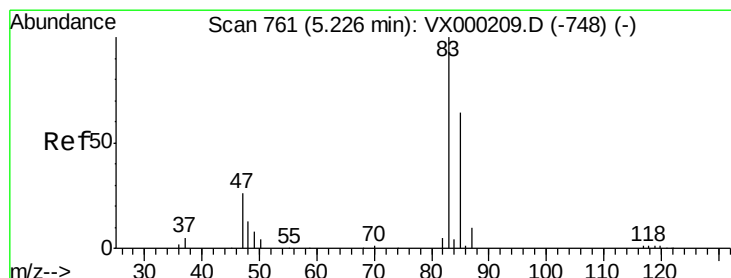
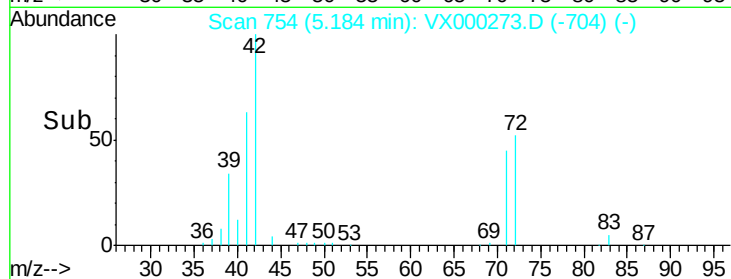
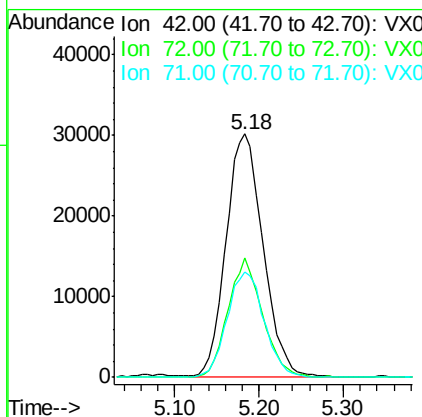
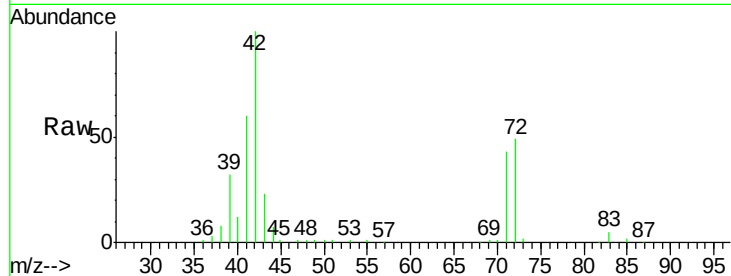
#29
Tetrahydrofuran
Concen: 92.26 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.3	55.9
71	43.3	35.0	52.4

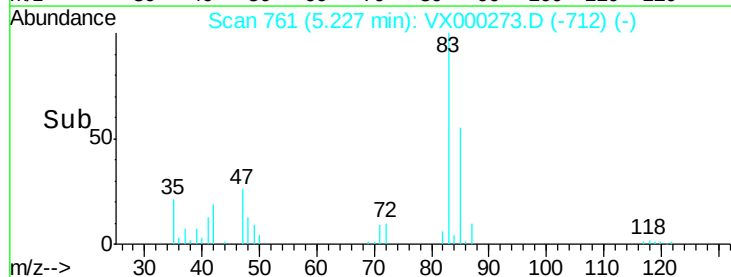
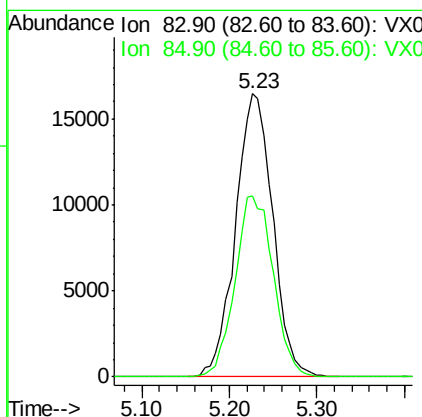
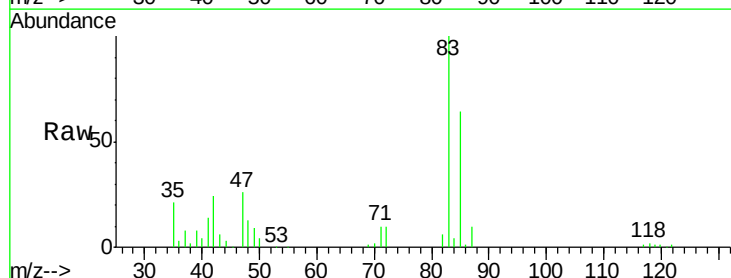
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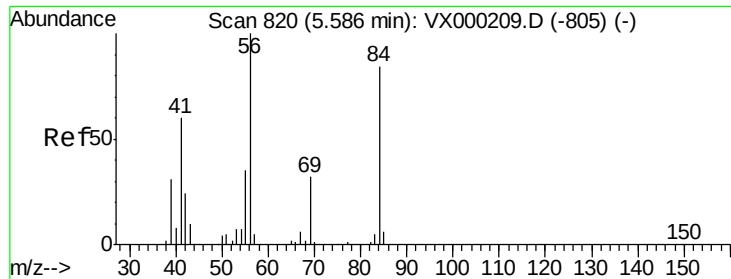
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#30
Chloroform
Concen: 19.39 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.6





#31

Cyclohexane

Concen: 20.00 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

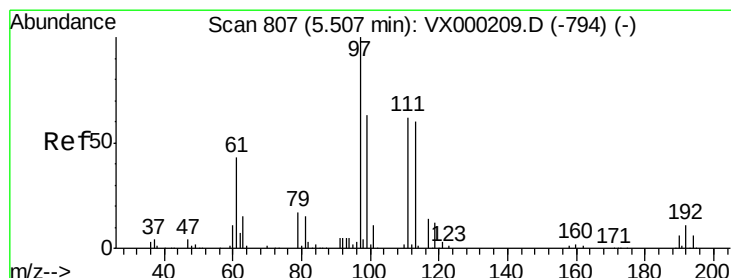
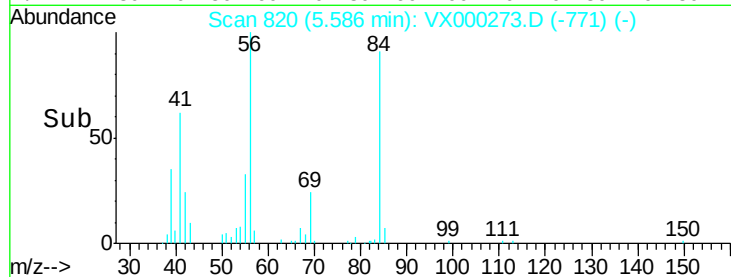
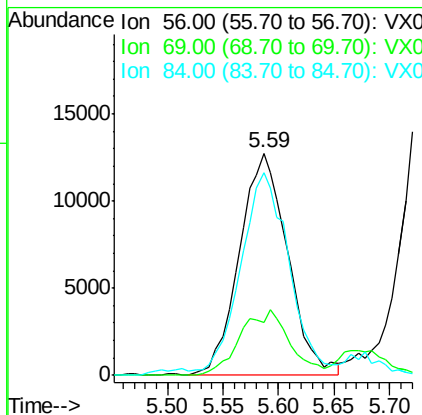
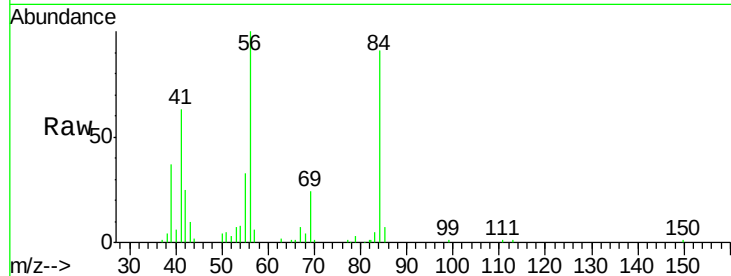
ClientSampleId :

VX0312MBS01

Tot Ion:	56	Resp:	38399
Ion Ratio	Lower	Upper	
56	100		
69	24.0	25.3	37.9#
84	89.2	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 20.37 ug/l

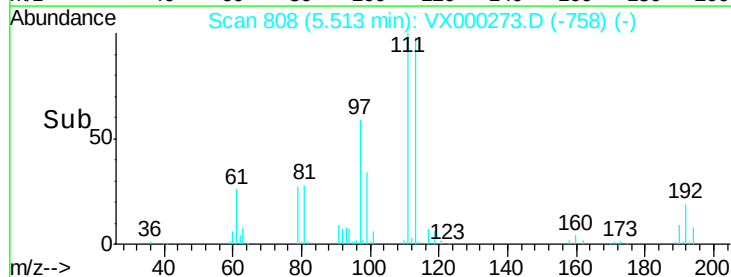
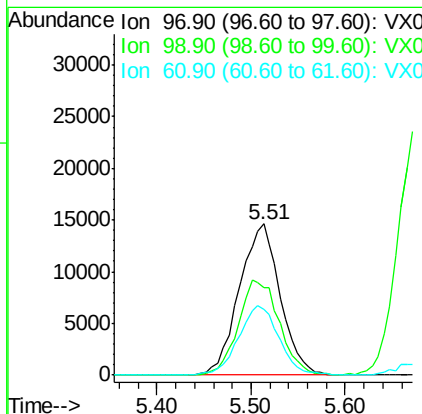
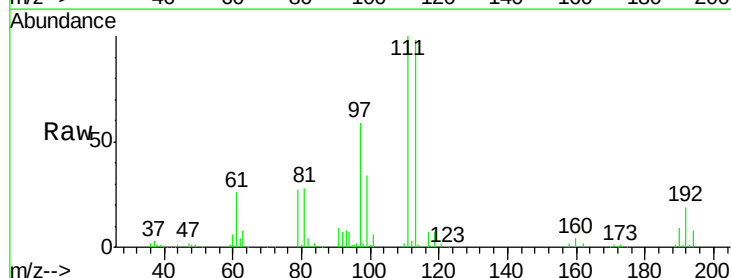
RT: 5.51 min Scan# 808

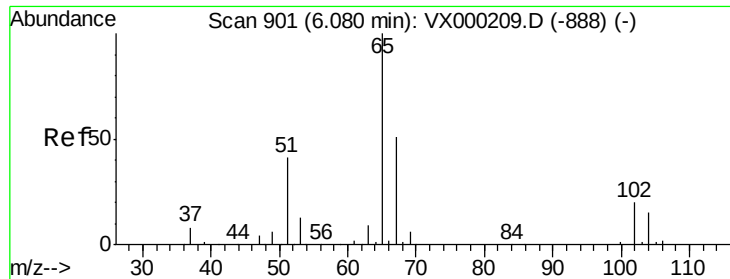
Delta R.T. 0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	97	Resp:	44323
Ion Ratio	Lower	Upper	
97	100		
99	63.2	50.9	76.3
61	45.2	35.4	53.0





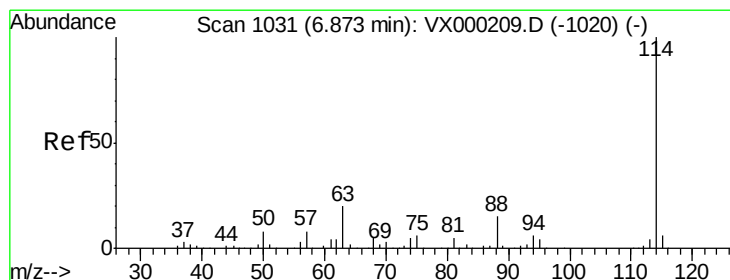
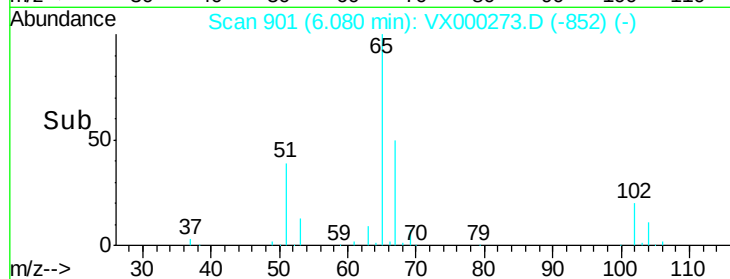
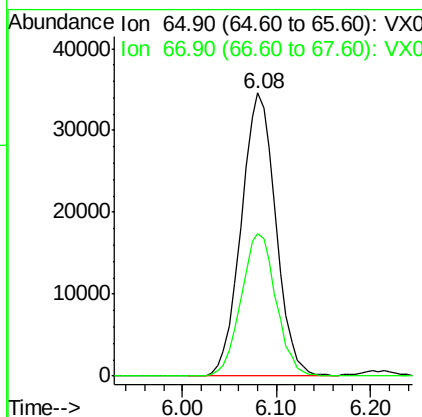
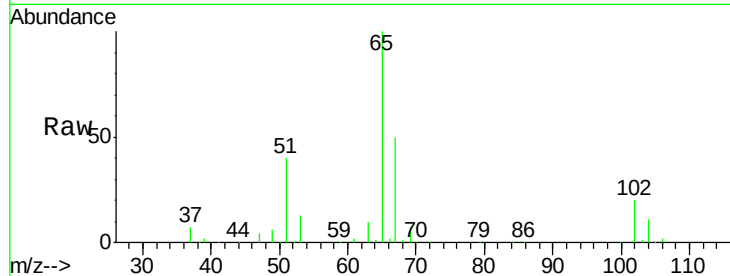
#33
 1,2-Dichloroethane-d4
 Concen: 50.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.4

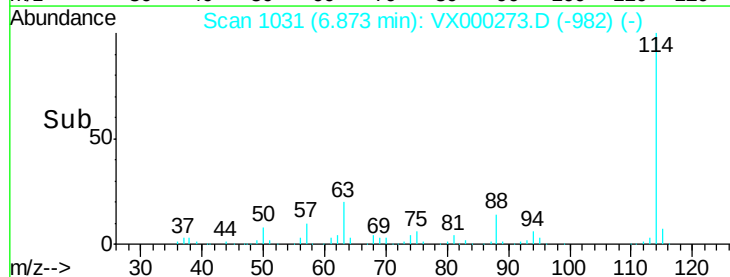
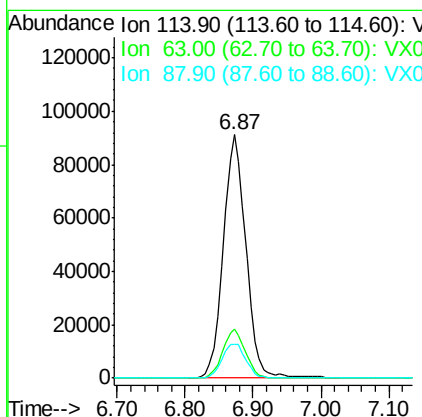
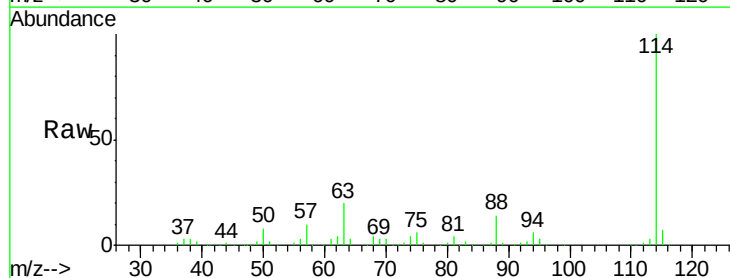
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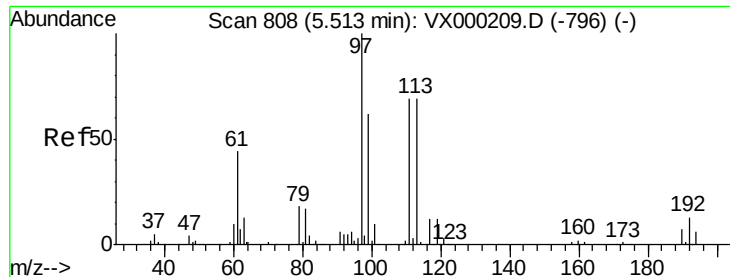
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	13.8	0.0	29.8





#35

Dibromofluoromethane

Concen: 52.19 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

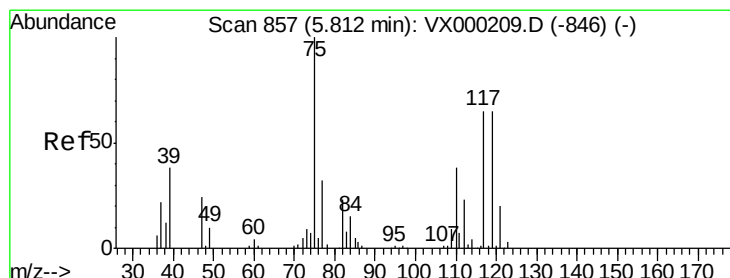
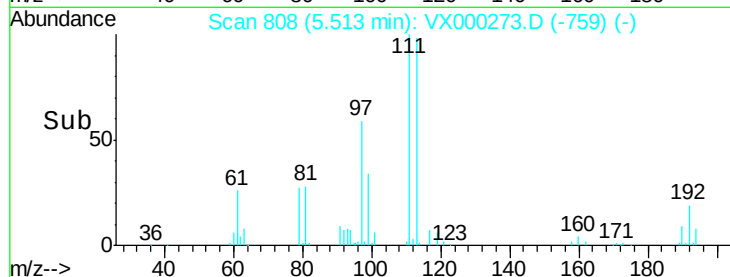
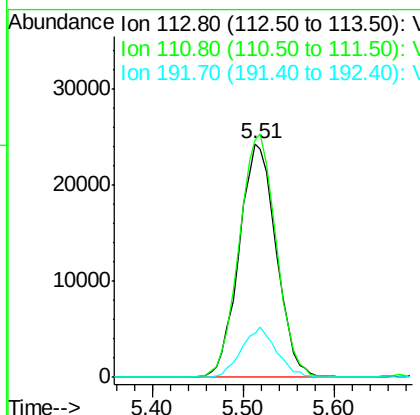
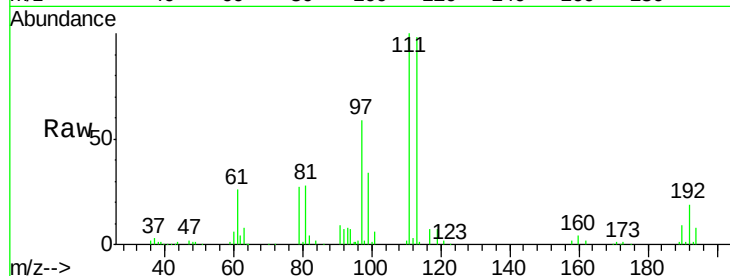
ClientSampleId :

VX0312MBSD01

Tot Ion:	113	Resp:	68934
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.6
192	20.2	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 19.56 ug/l

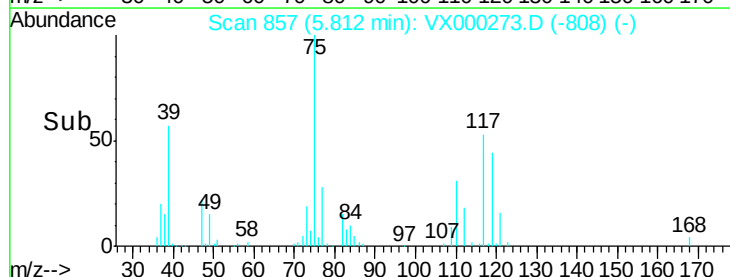
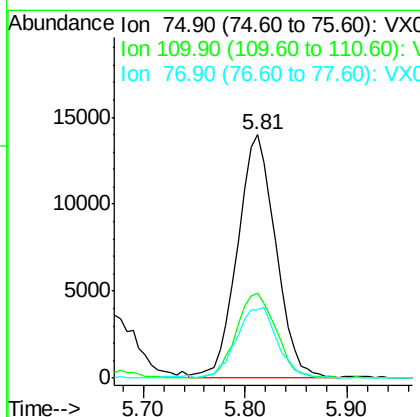
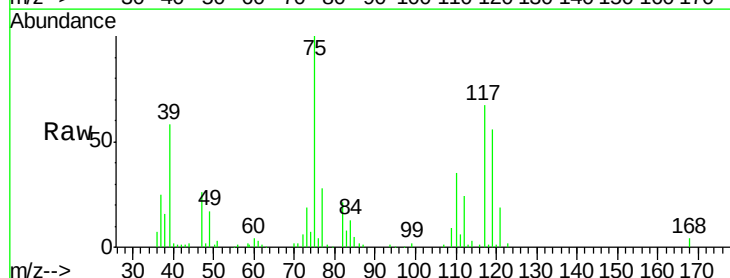
RT: 5.81 min Scan# 857

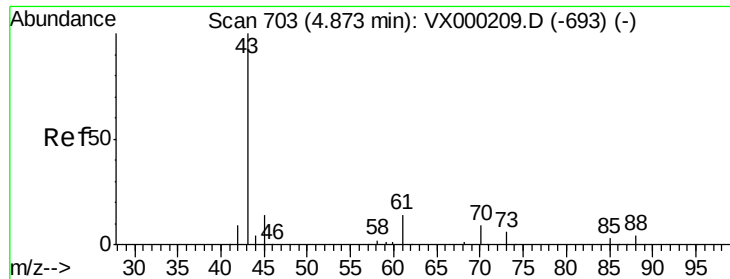
Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	75	Resp:	36594
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.5
77	31.0	24.9	37.3





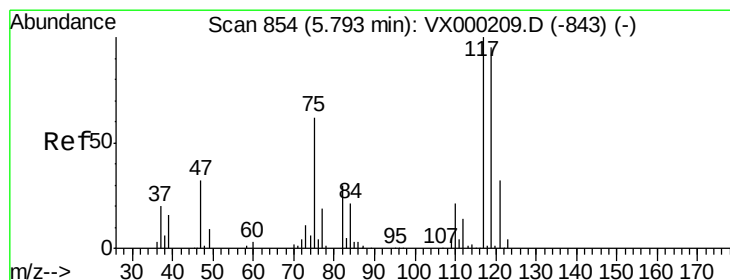
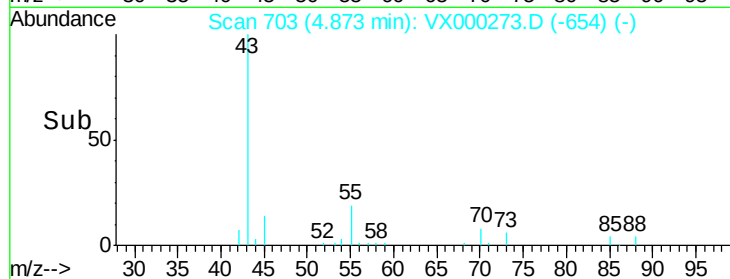
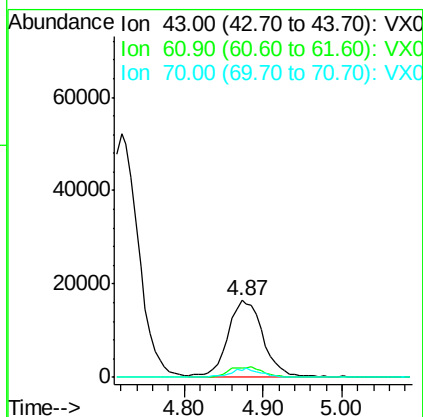
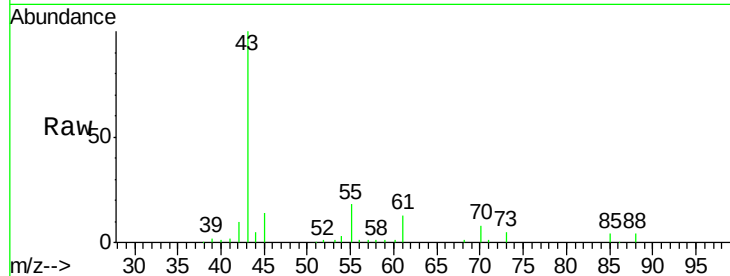
#37
Ethyl Acetate
Concen: 18.61 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	9.3	7.8	11.6

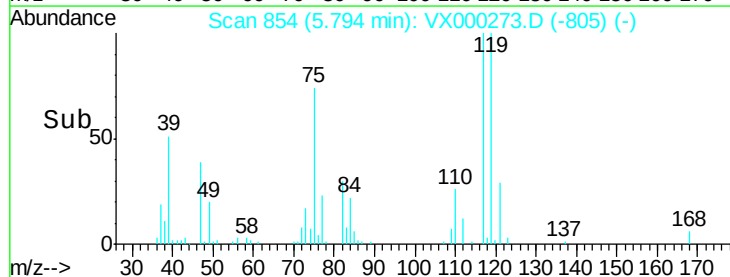
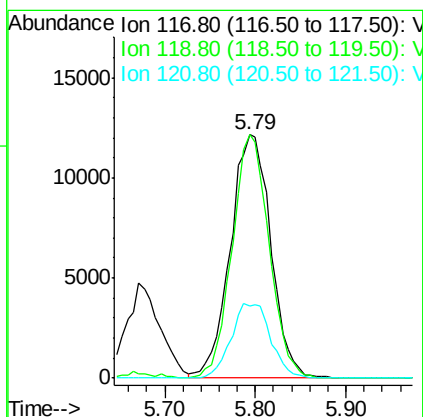
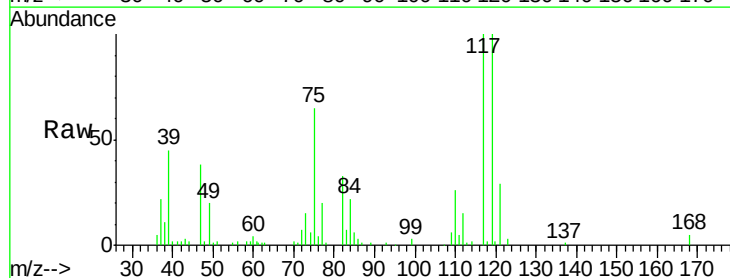
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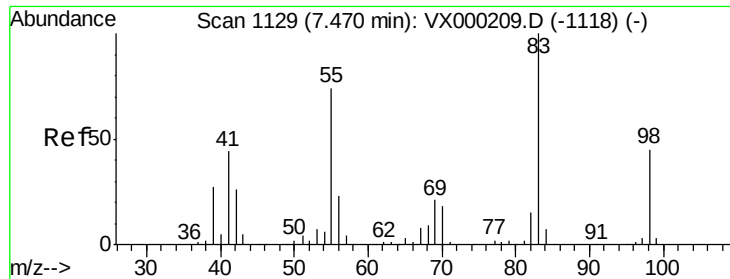
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#38
Carbon Tetrachloride
Concen: 19.85 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.9	113.9
121	29.5	25.8	38.6





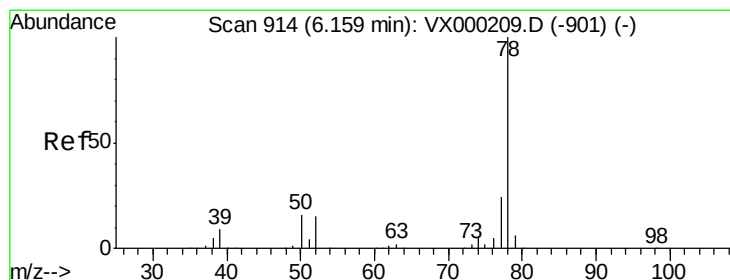
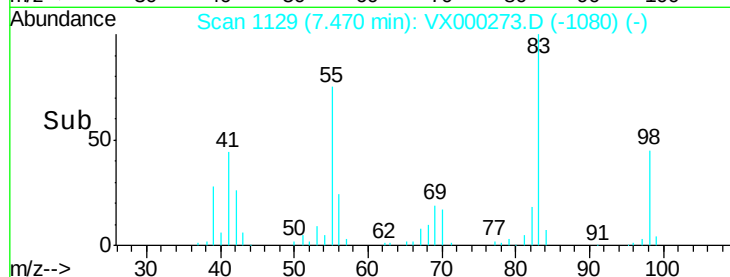
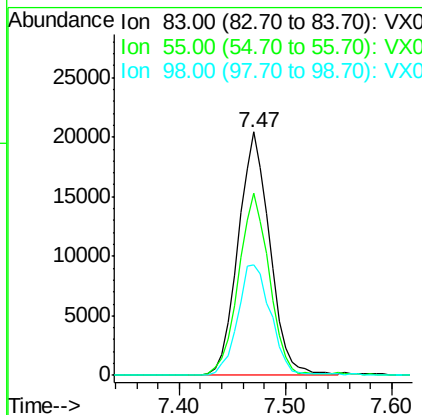
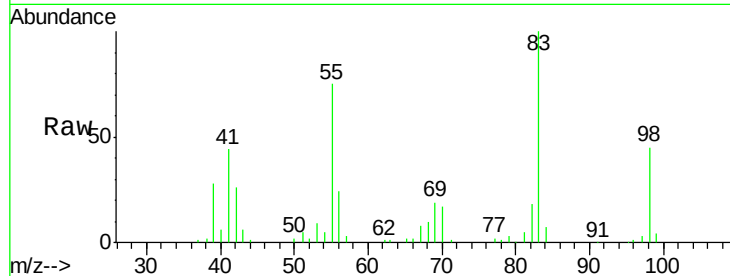
#39
Methylvlcyclohexane
Concen: 18.65 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	59.4	89.0
98	45.3	36.3	54.5

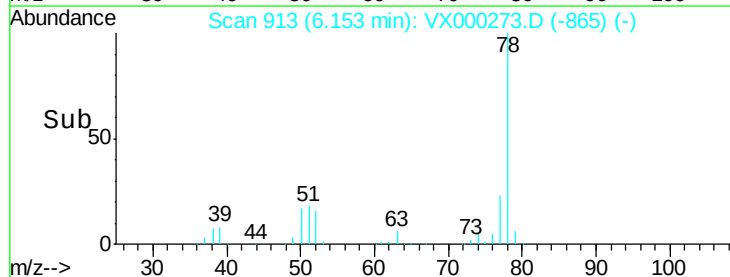
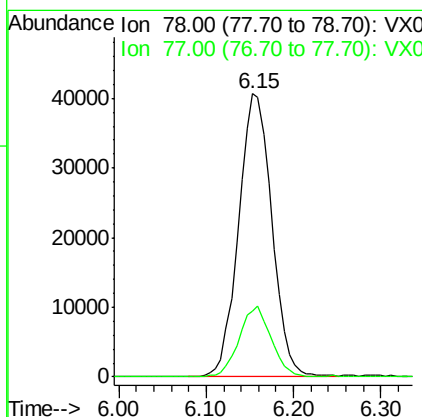
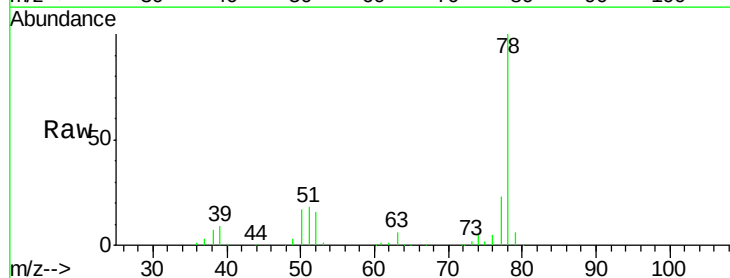
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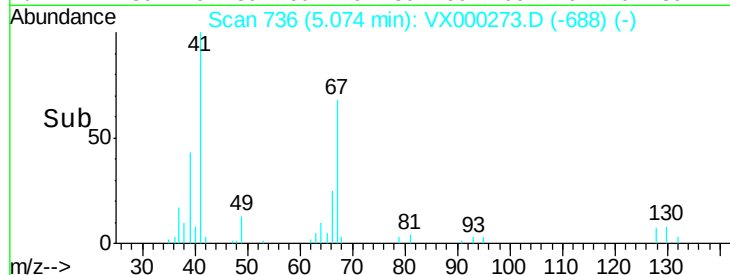
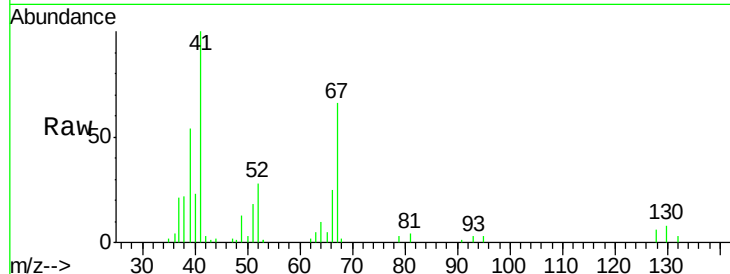
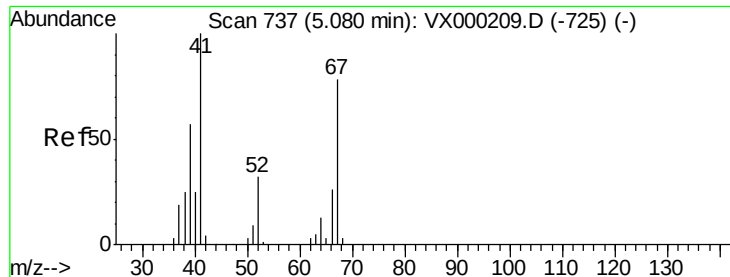
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#40
Benzene
Concen: 19.96 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2





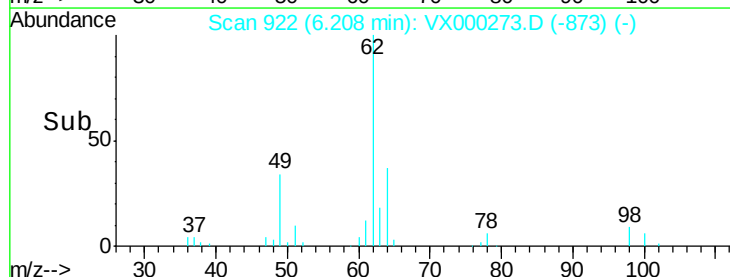
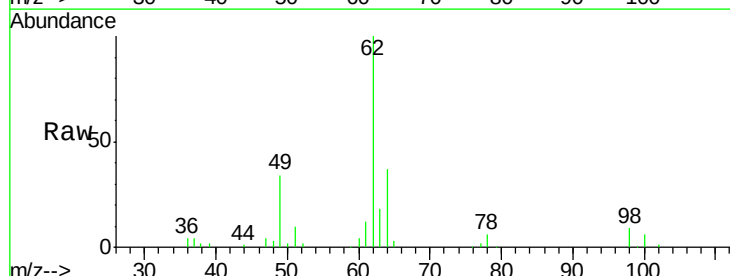
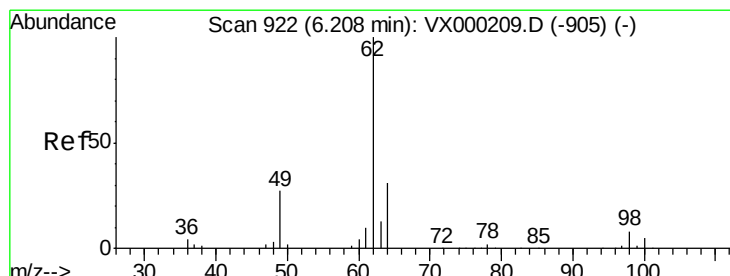
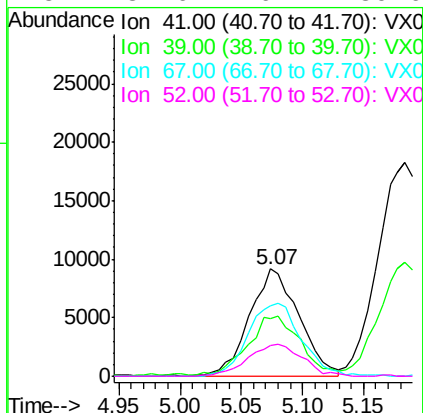
#41
Methacrylonitrile
Concen: 18.76 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		25856		
39	57.4	47.8		71.6	
67	73.0	59.3		88.9	
52	32.6	26.4		39.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

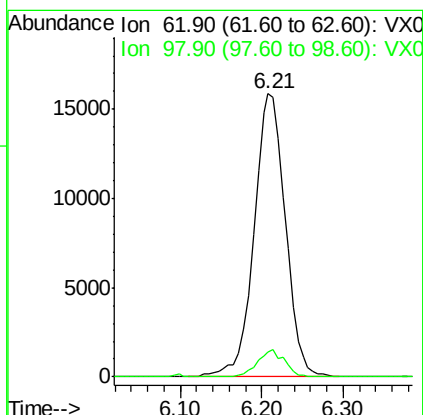
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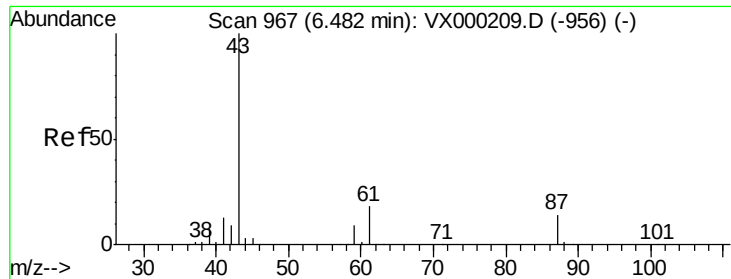
apatel
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#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		42461		
98	8.3	0.0		16.2	





#43

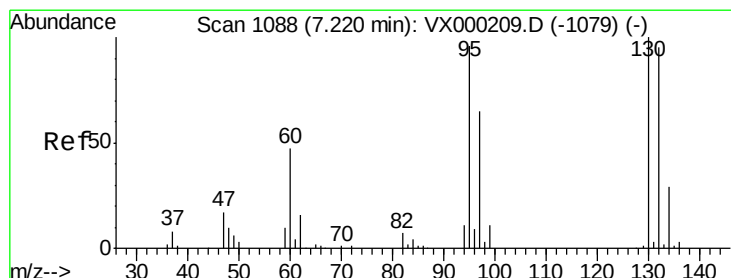
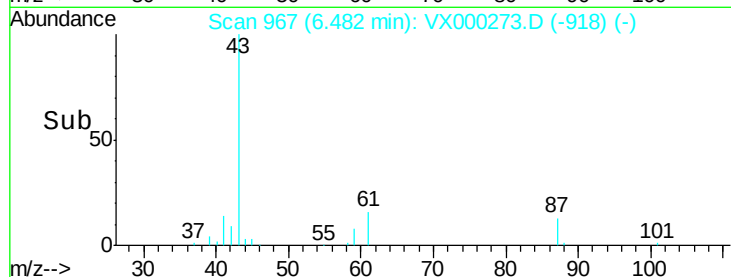
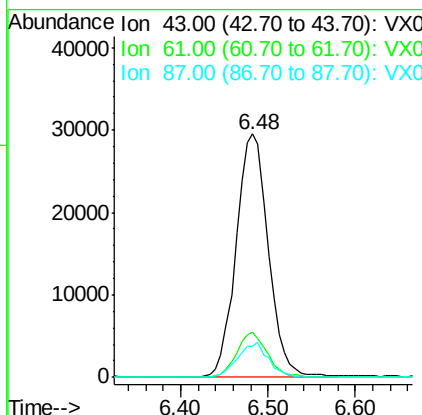
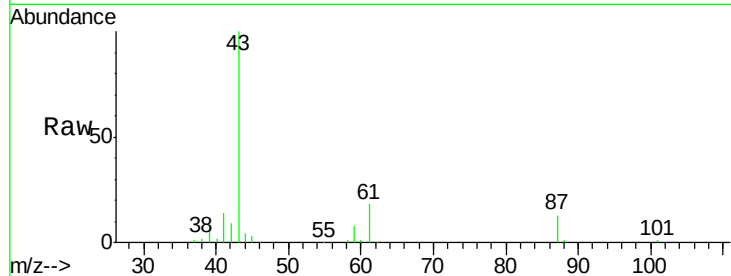
Isopropyl Acetate
 Concen: 19.37 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.8	22.2
87	13.6	10.6	16.0

Manual Integrations
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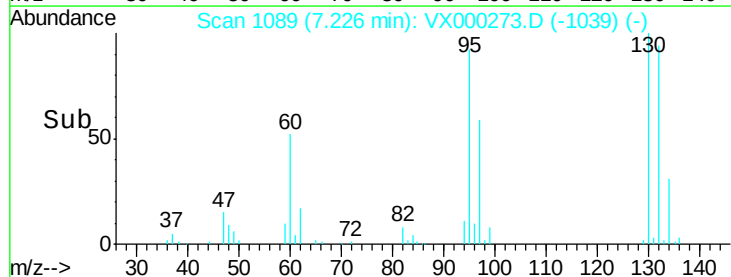
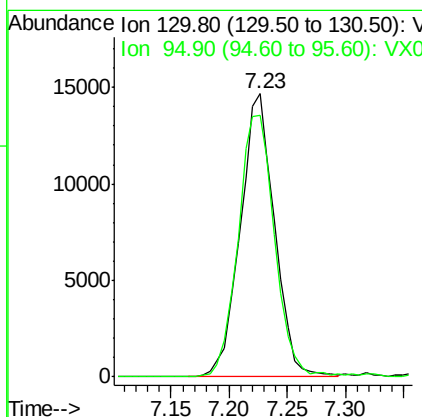
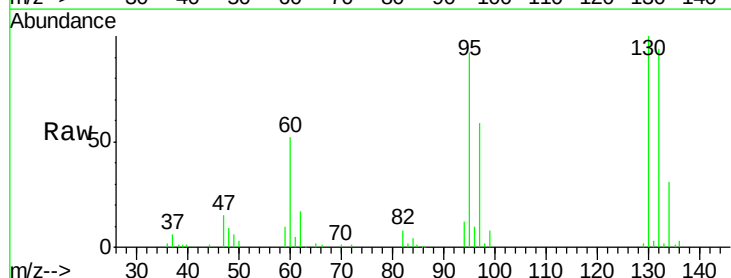
apatel
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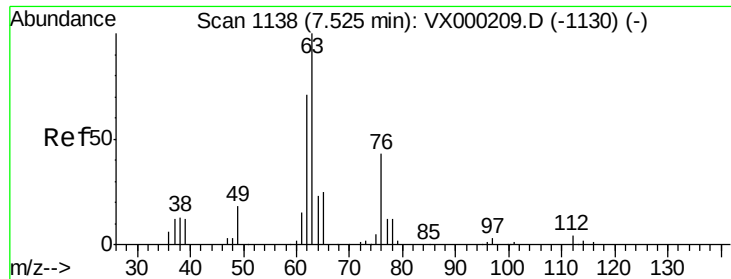


#44

Trichloroethene
 Concen: 19.53 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	191.8





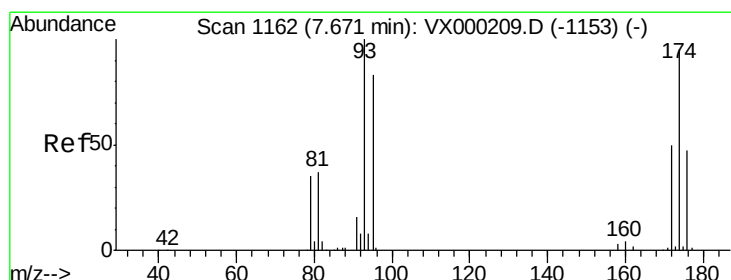
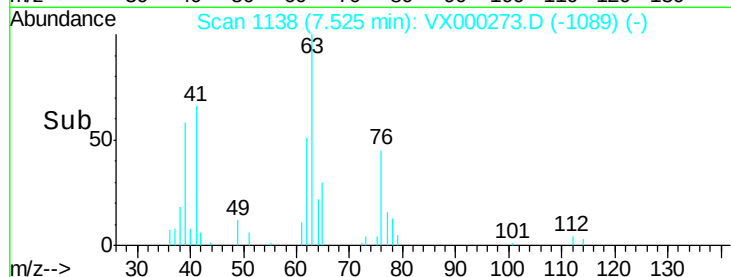
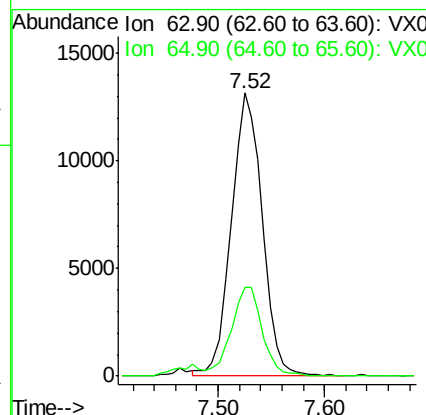
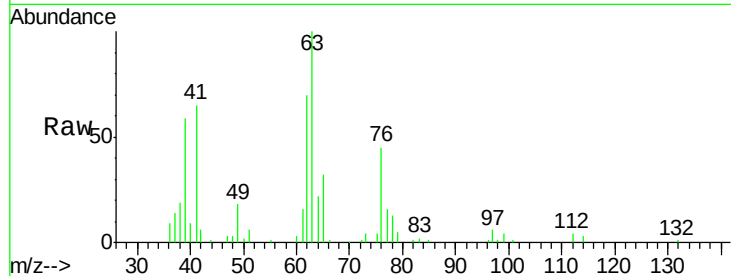
#45
 1,2-Dichloropropane
 Concen: 19.63 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBS01

Tot Ion: 63 Resp: 26833
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.3 33.5

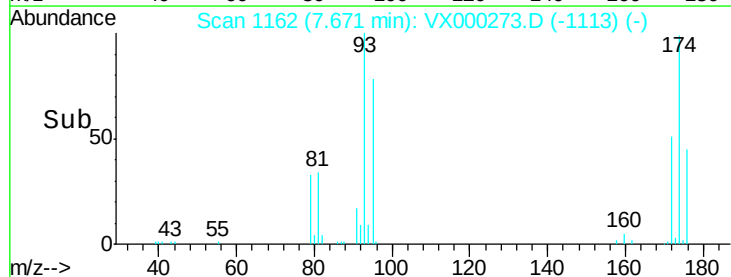
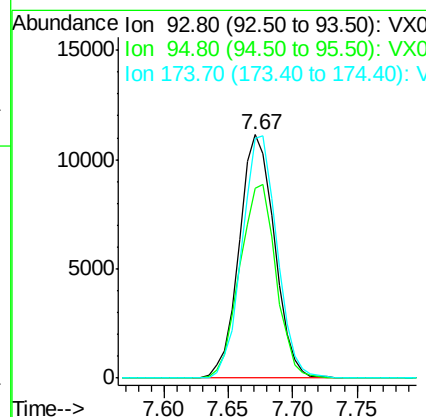
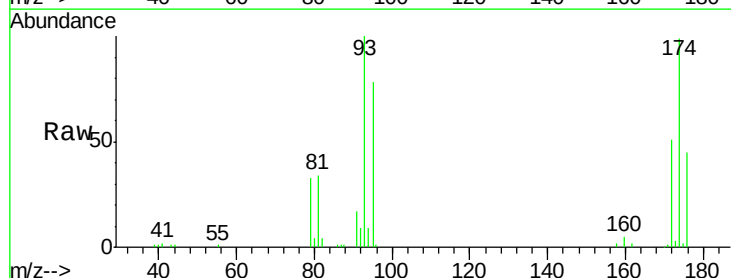
Manual Integrations
 APPROVED

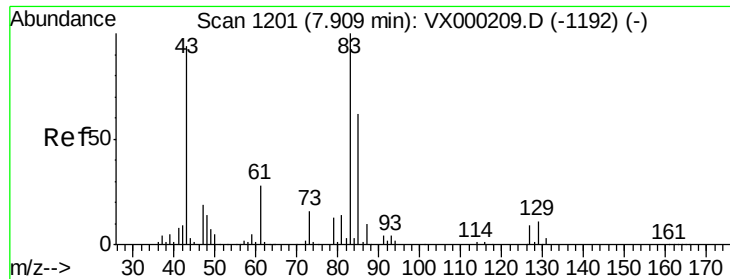
apatel
 3/13/2018 10:58:34 AM



#46
 Dibromomethane
 Concen: 19.58 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 93 Resp: 21176
 Ion Ratio Lower Upper
 93 100
 95 81.2 64.1 96.1
 174 98.1 75.8 113.8





#47

Bromodichloromethane

Concen: 19.49 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

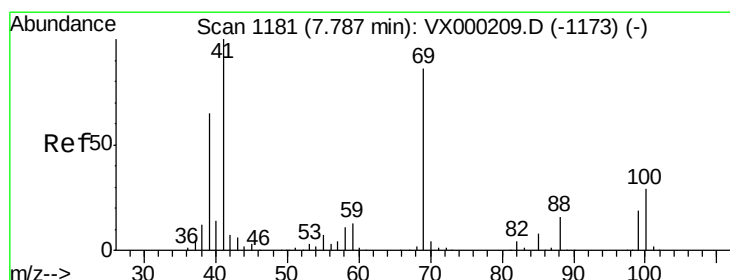
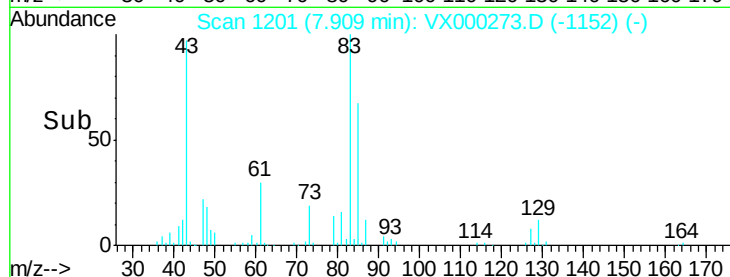
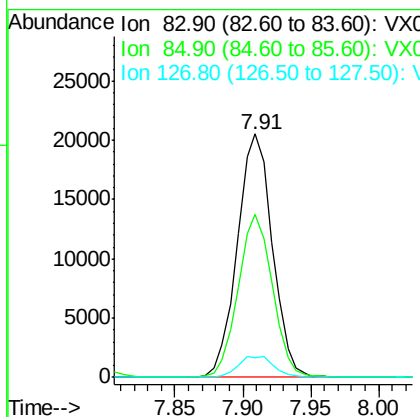
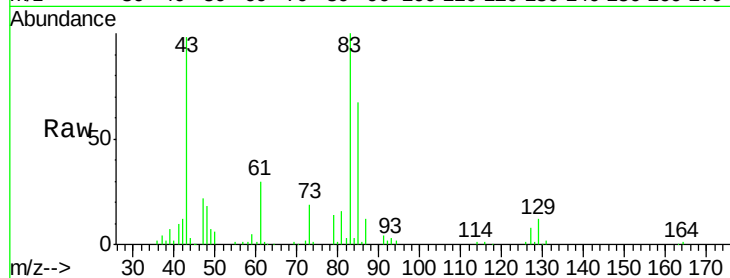
ClientSampleId :

VX0312MBSD01

Tot Ion:	83	Resp:	37073
Ion	Ratio	Lower	Upper
83	100		
85	67.1	49.6	74.4
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.49 ug/l

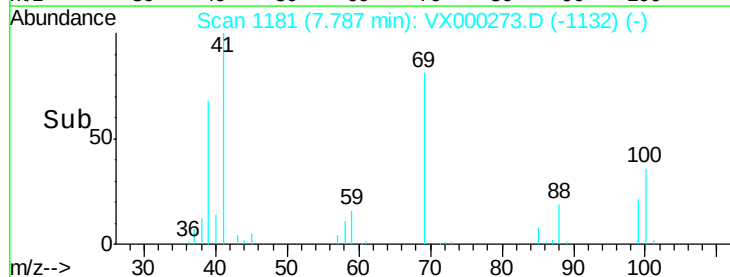
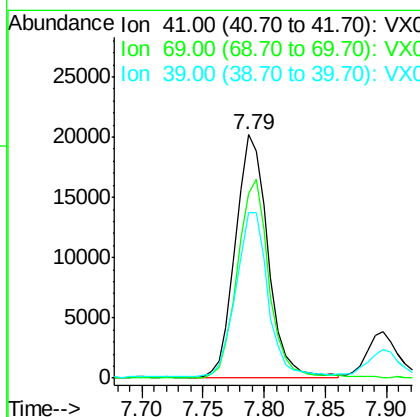
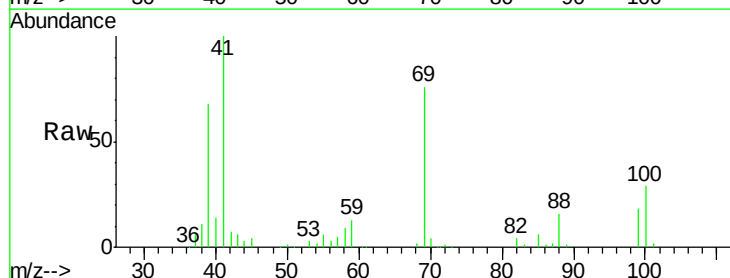
RT: 7.79 min Scan# 1181

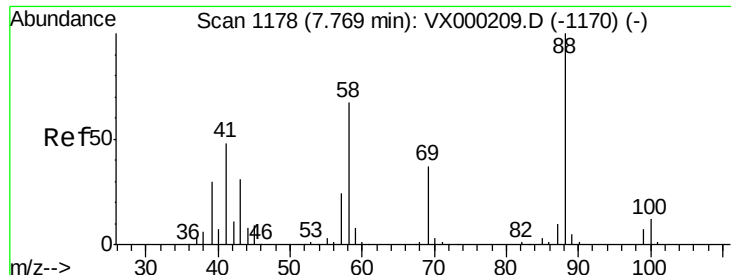
Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	41	Resp:	37524
Ion	Ratio	Lower	Upper
41	100		
69	79.5	70.0	105.0
39	66.1	53.6	80.4





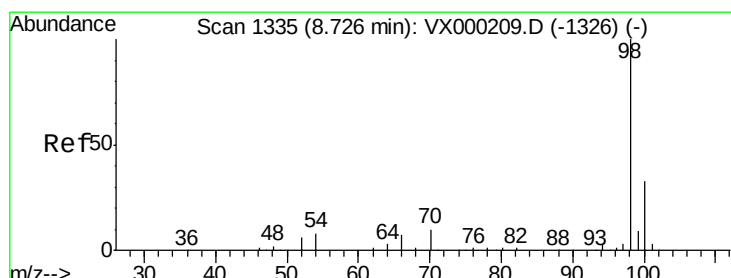
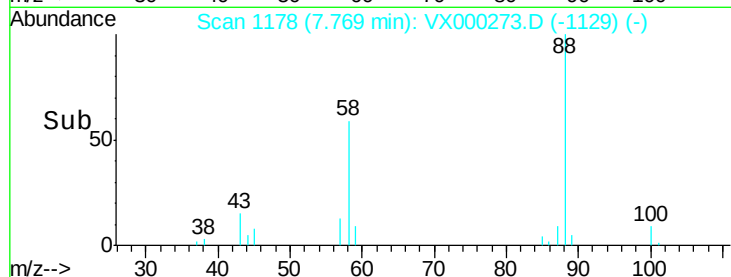
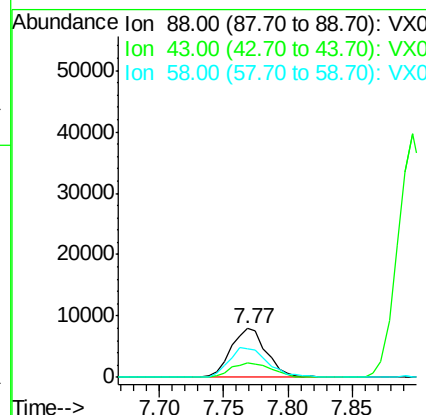
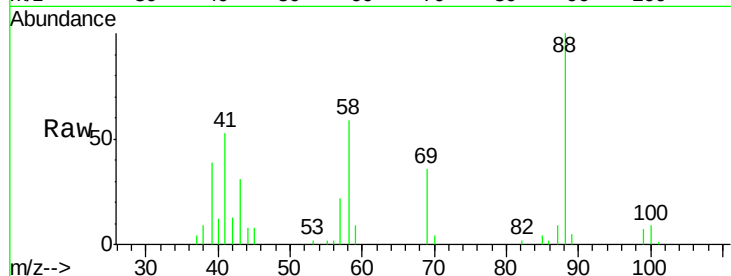
#49
 1,4-Dioxane
 Concen: 348.83 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	88	Resp	15248
Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.9	40.3
58	66.5	52.2	78.4

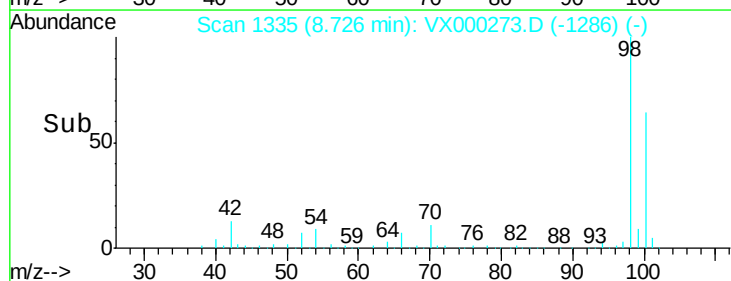
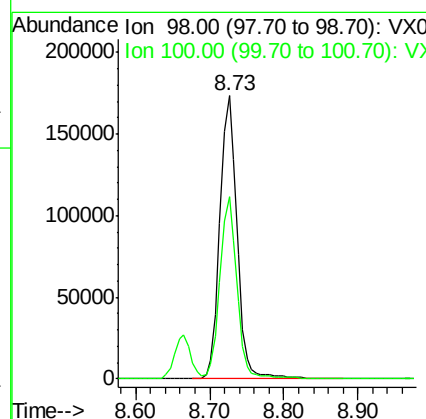
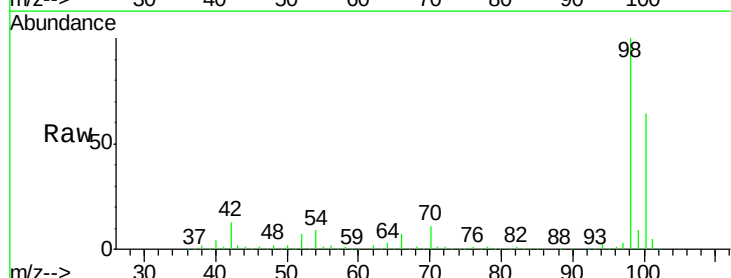
Manual Integrations
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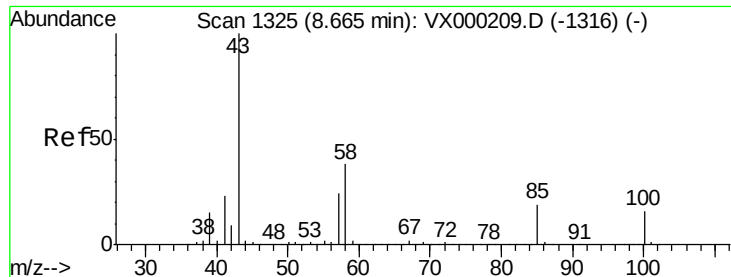
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#50
 Toluene-d8
 Concen: 50.69 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	98	Resp	277287
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 96.61 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 43 Resp: 285050

Ion Ratio Lower Upper

43 100

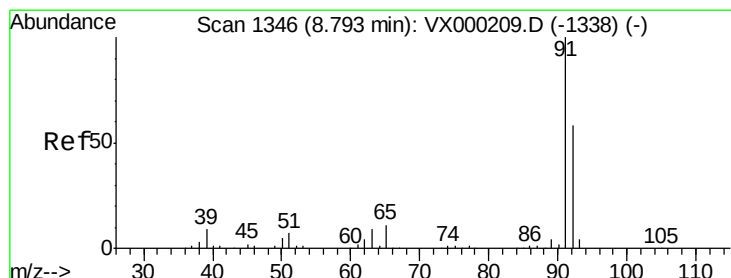
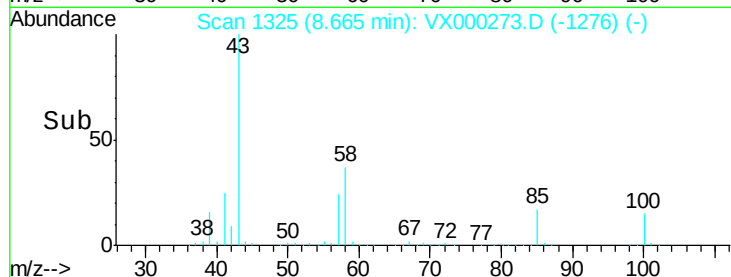
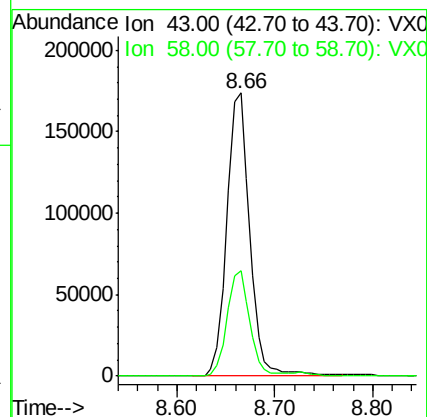
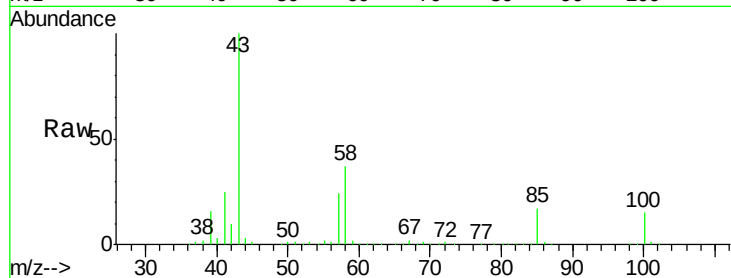
58 36.5 30.2 45.2

Manual Integrations

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#52

Toluene

Concen: 20.02 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000273.D

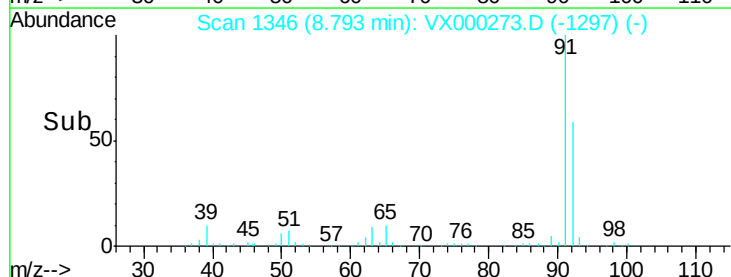
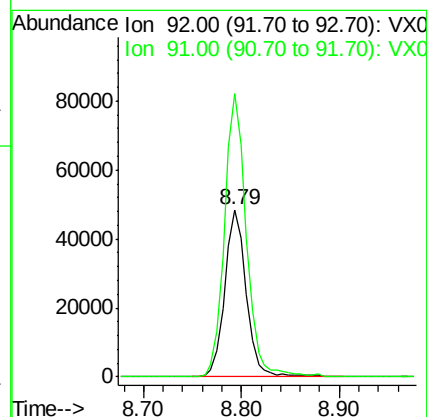
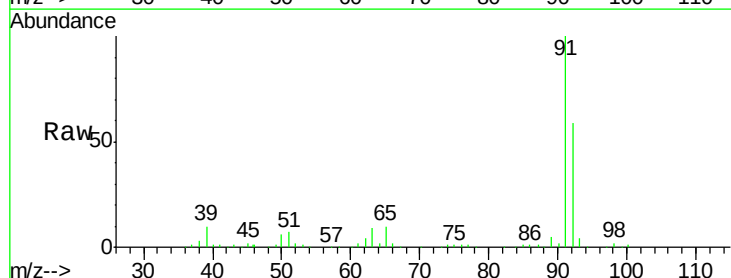
Acq: 12 Mar 2018 12:32

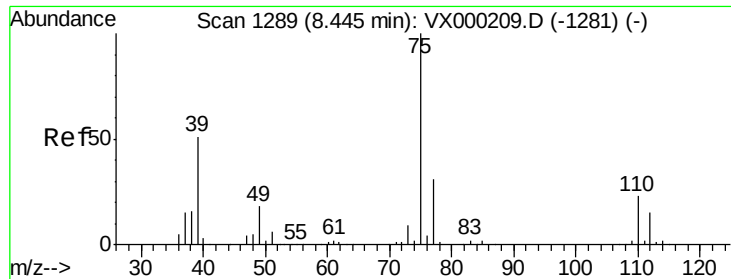
Tgt Ion: 92 Resp: 74042

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6





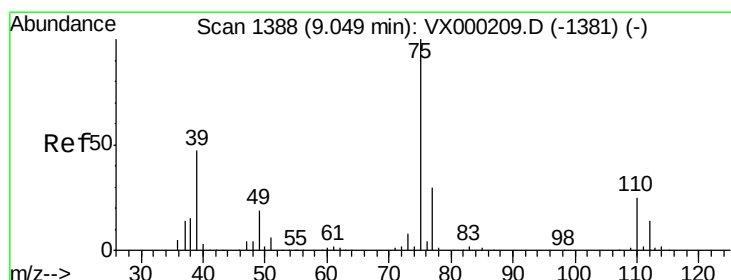
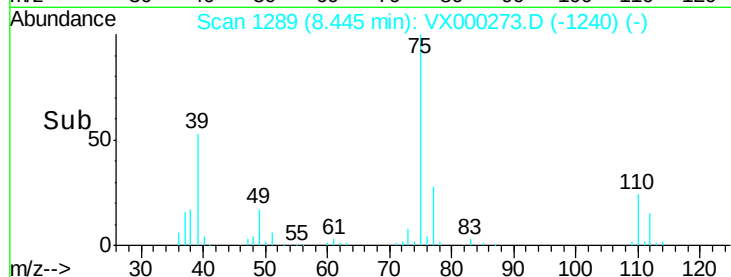
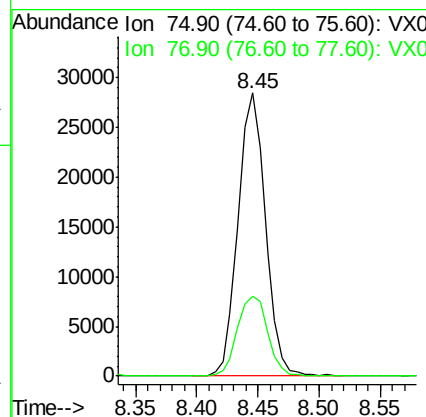
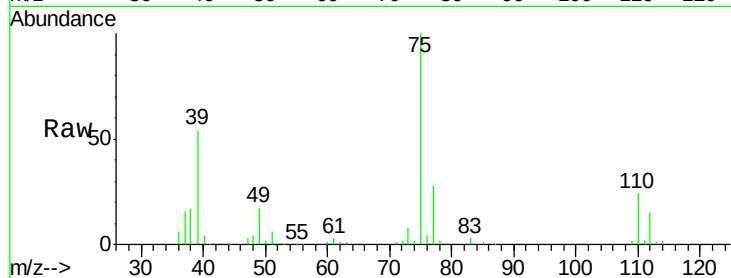
#53
 t-1,3-Dichloropropene
 Concen: 19.70 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion: 75 Resp: 44152
 Ion Ratio Lower Upper
 75 100
 77 28.1 24.8 37.2

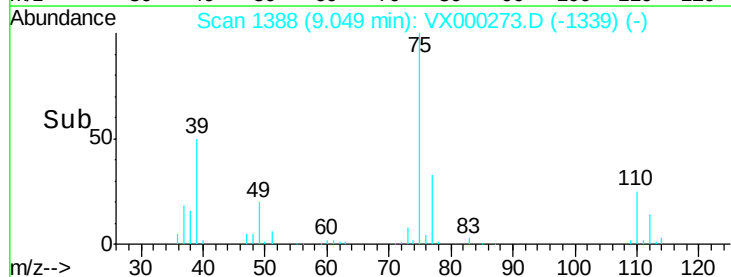
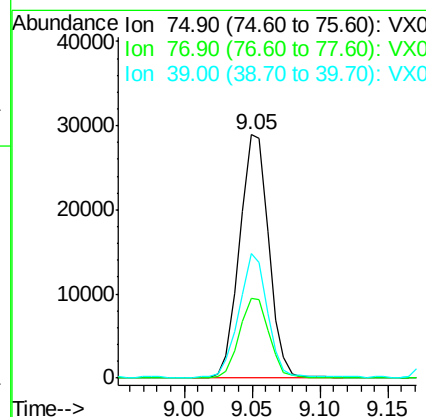
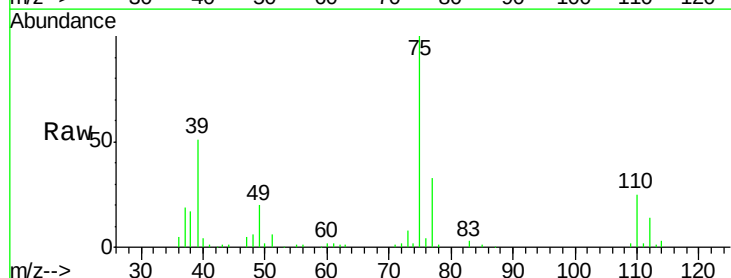
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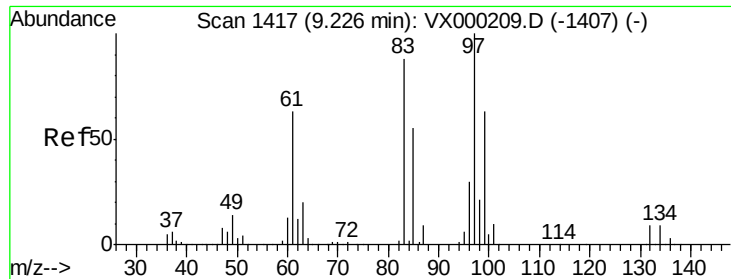
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 20.01 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 75 Resp: 43383
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.9 35.9
 39 51.2 37.4 56.2





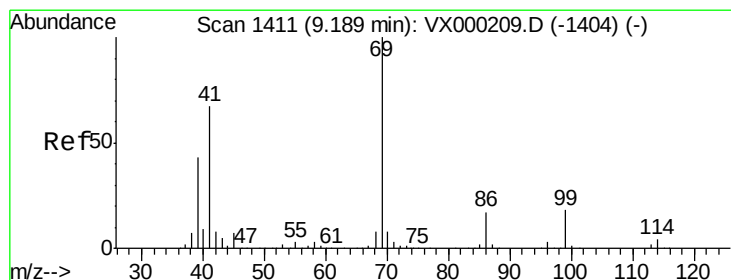
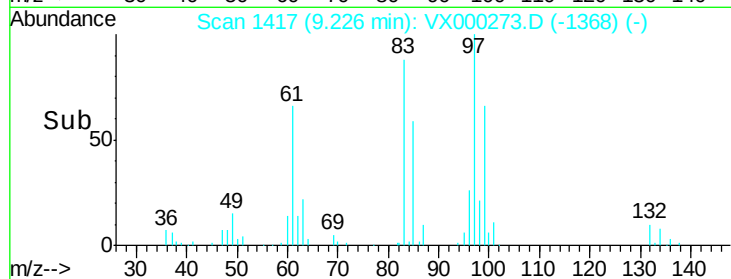
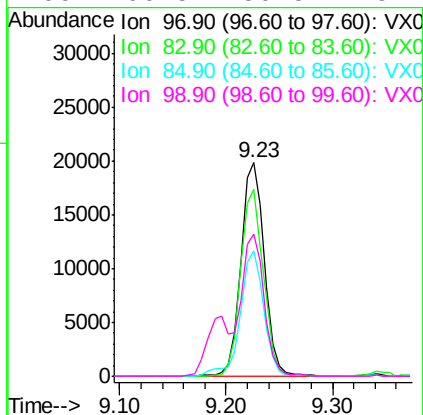
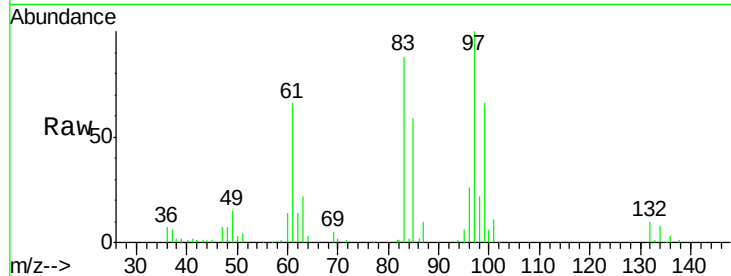
#55
 1,1,2-Trichloroethane
 Concen: 20.46 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion:	97	Resp:	30646
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.4	105.6
85	58.6	43.9	65.9
99	66.5	50.5	75.7

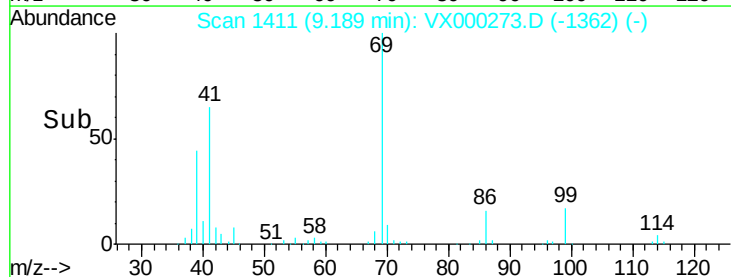
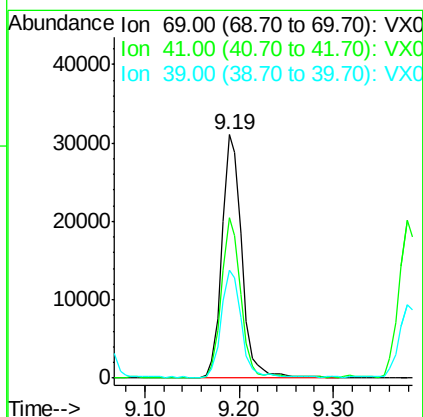
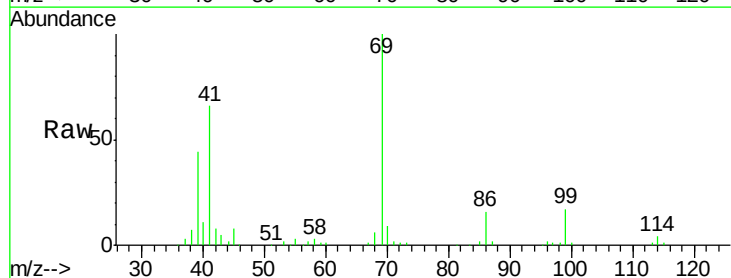
Manual Integrations
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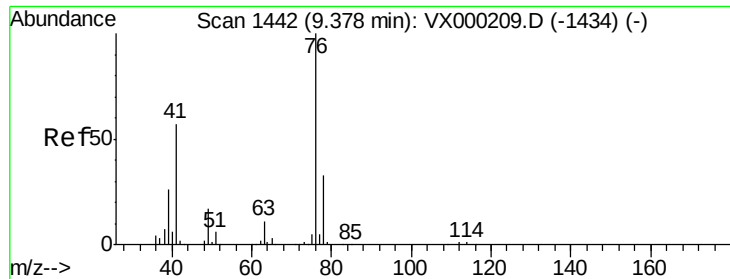
apatel
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#56
 Ethyl methacrylate
 Concen: 20.25 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion:	69	Resp:	45406
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	44.4	34.3	51.5





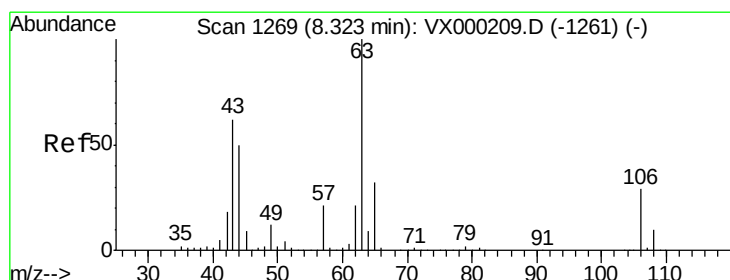
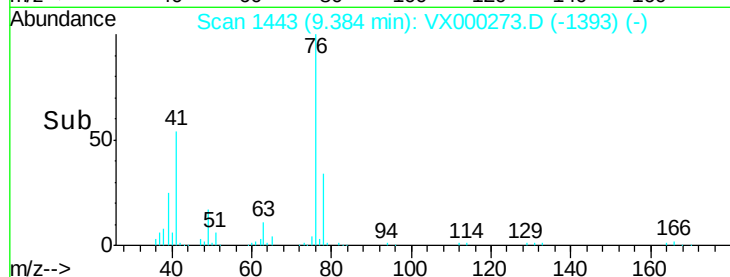
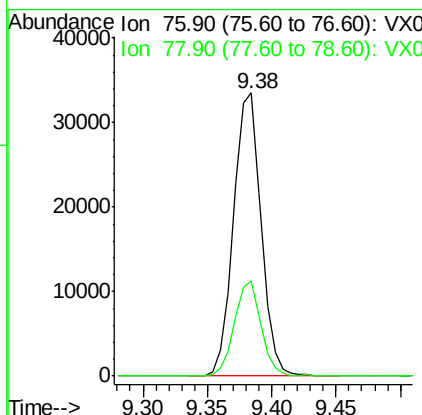
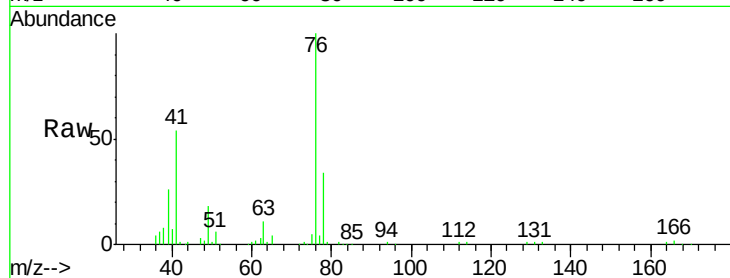
#57
 1,3-Dichloropropane
 Concen: 19.89 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion: 76 Resp: 50035
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

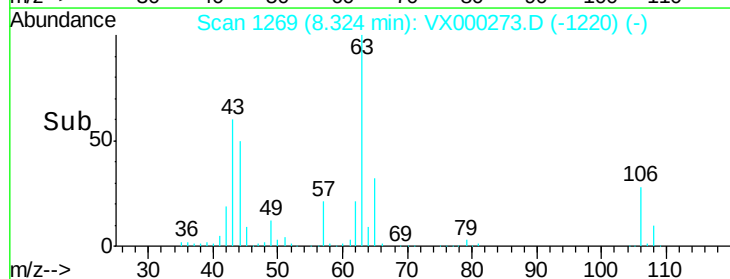
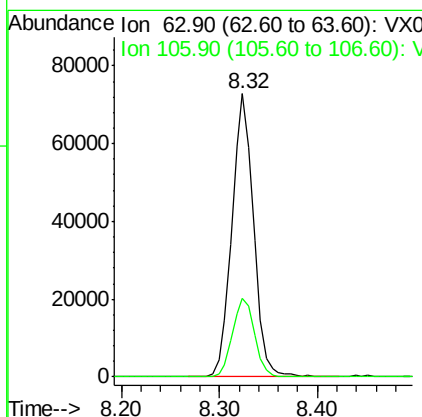
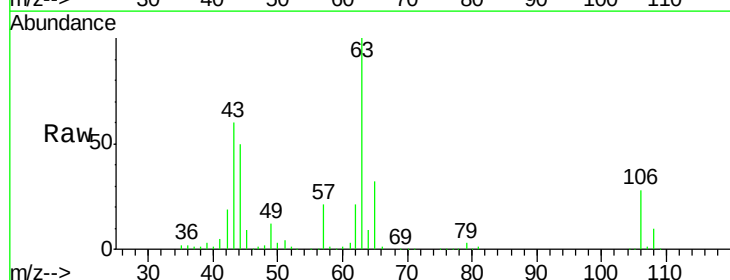
Manual Integrations
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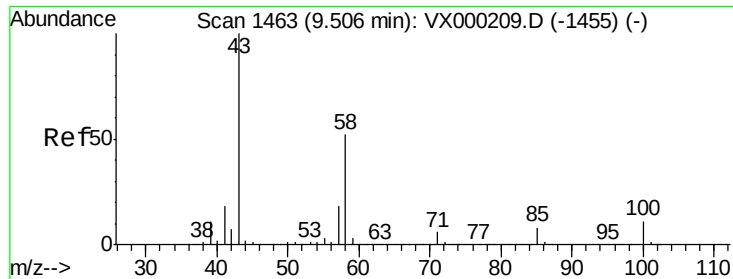
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.57 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 63 Resp: 111556
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8





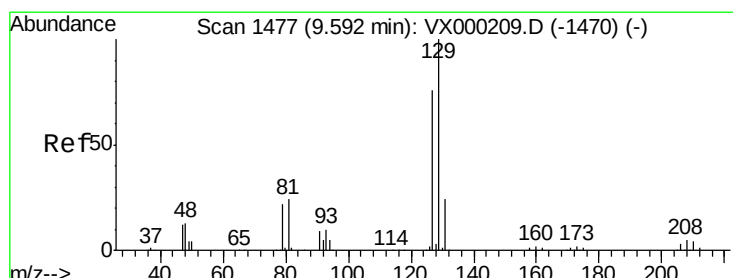
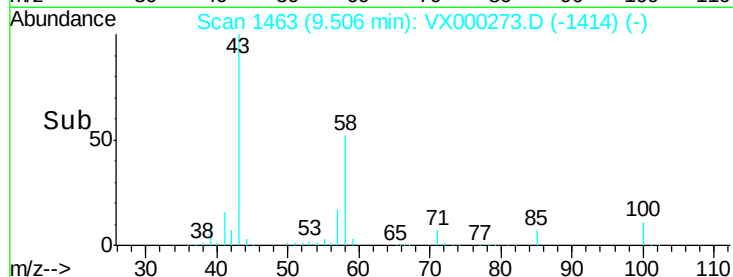
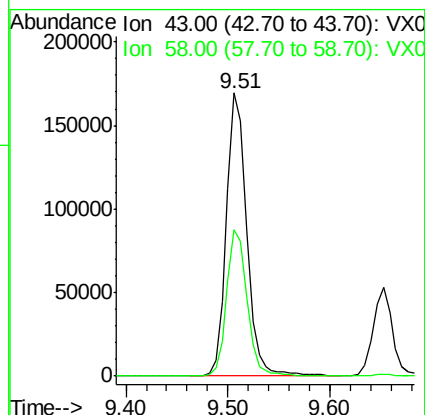
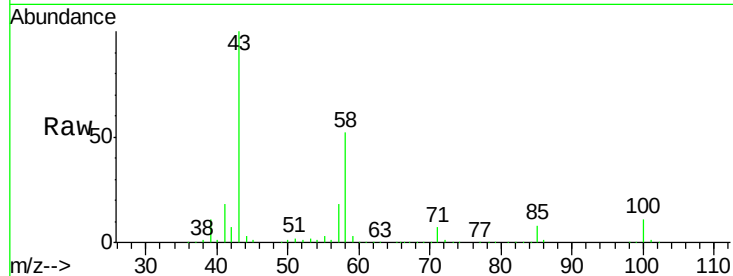
#59
2-Hexanone
Concen: 93.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion: 43 Resp: 235987
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7

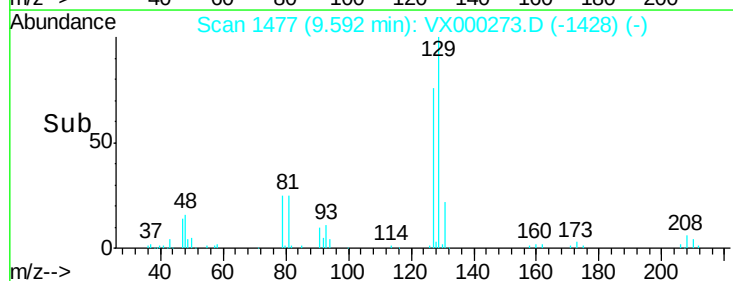
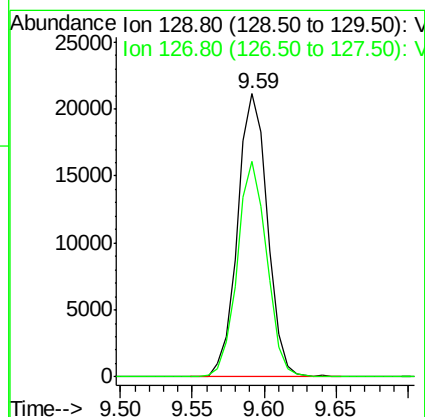
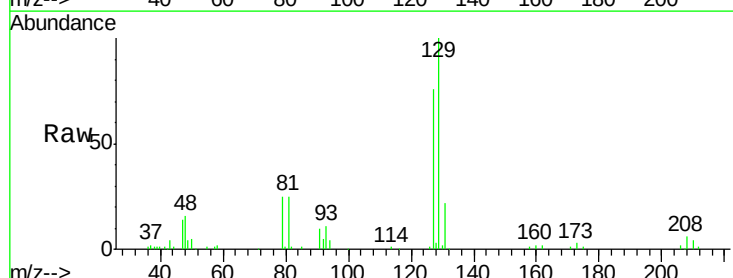
Manual Integrations
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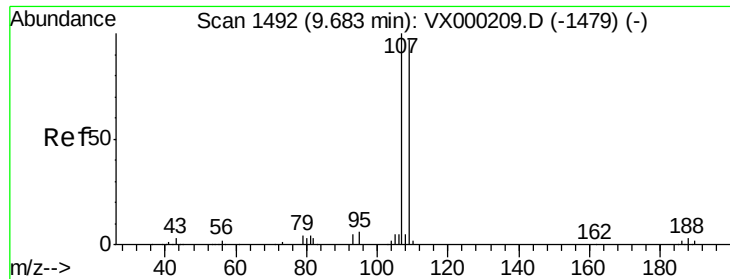
apatel
3/13/2018 10:58:34 AM



#60
Dibromochloromethane
Concen: 19.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 129 Resp: 30683
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.64 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion:107 Resp: 32673

Ion Ratio Lower Upper

107 100

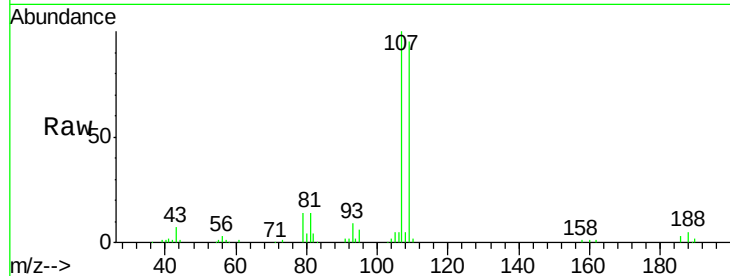
109 93.8 76.8 115.2

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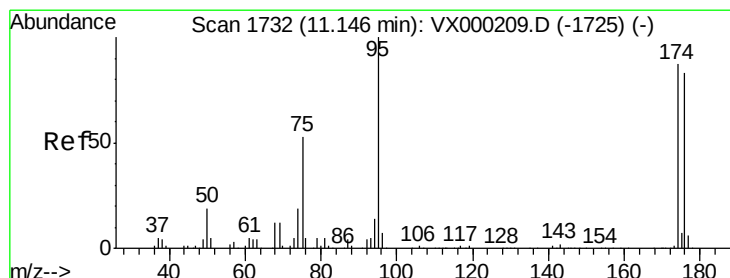
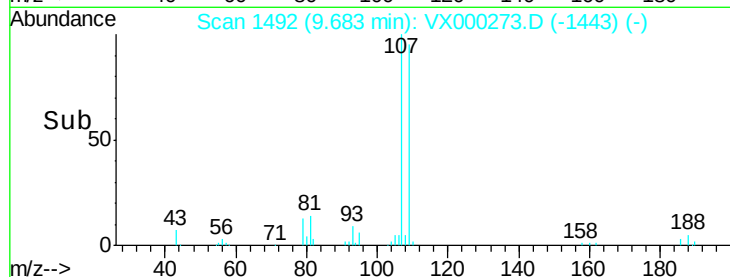
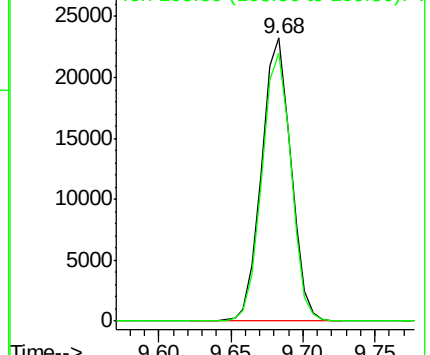
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

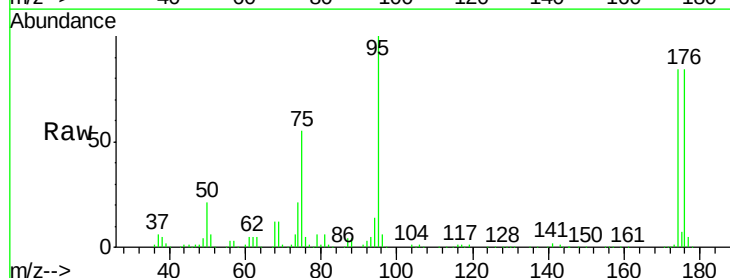
Tgt Ion: 95 Resp: 106782

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.6

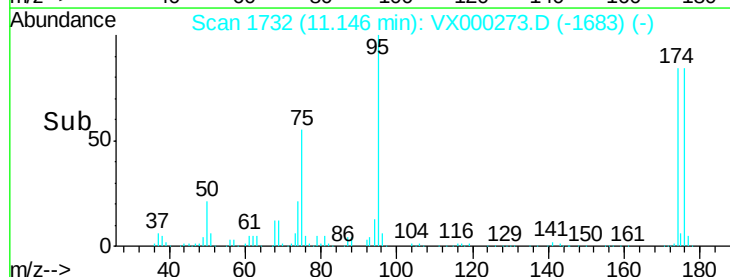
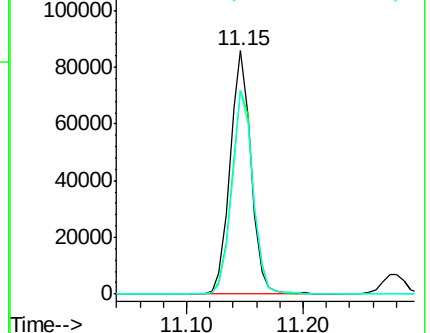
176 83.7 0.0 171.0

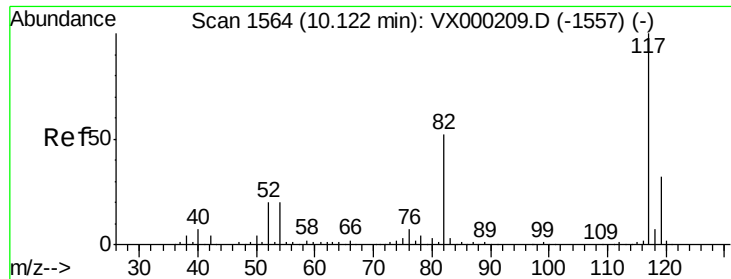


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

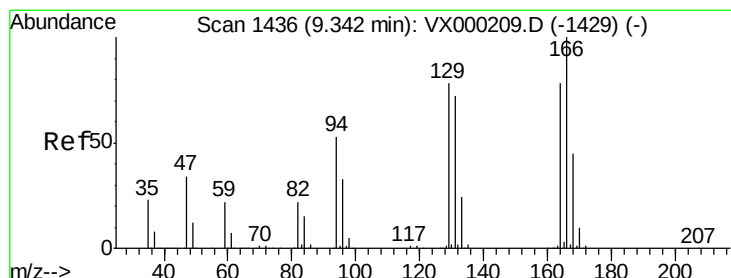
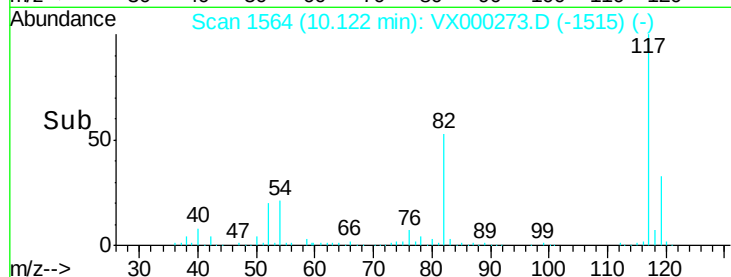
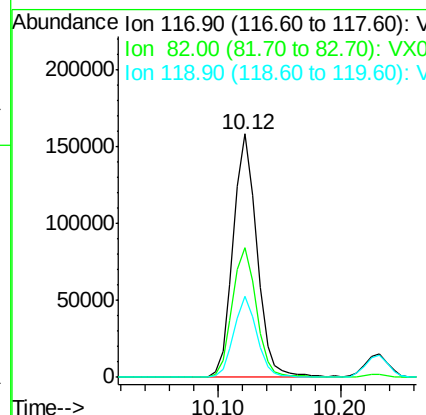
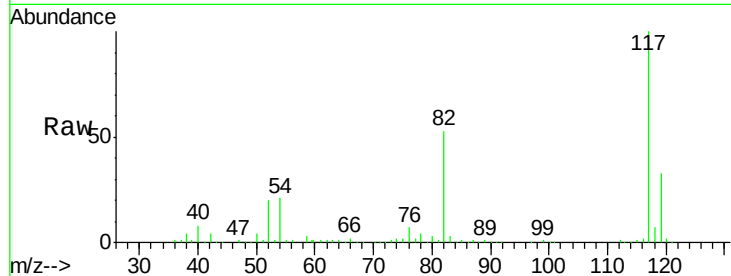
ClientSampleId :

VX0312MBSD01

Tot Ion:	117	Resp:	213319
Ion Ratio	Lower	Upper	
117	100		
82	53.3	42.0	63.0
119	33.2	25.3	37.9

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#64

Tetrachloroethene

Concen: 19.79 ug/l

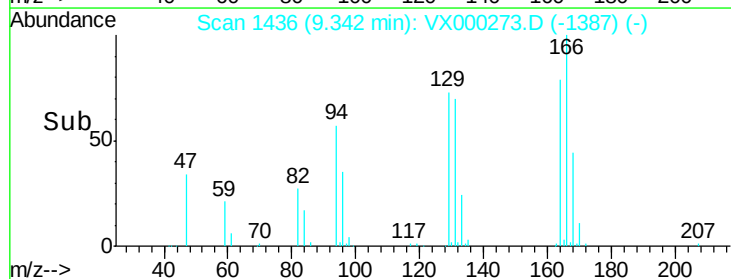
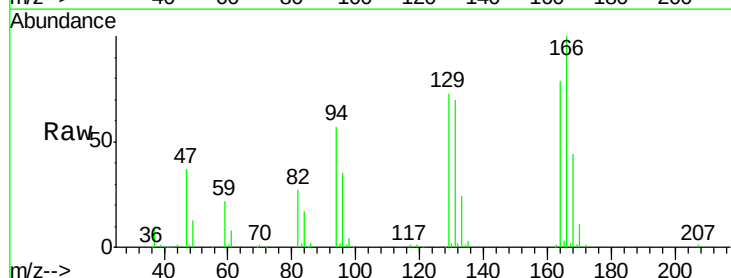
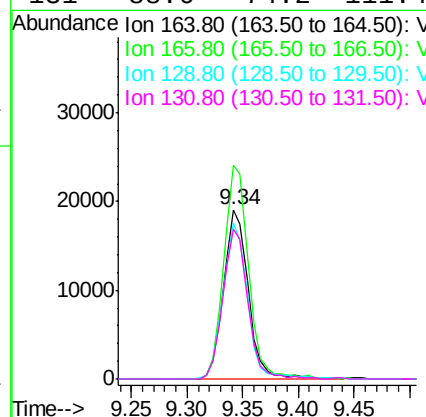
RT: 9.34 min Scan# 1436

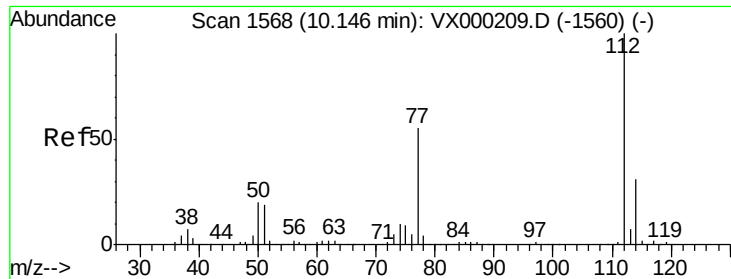
Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	164	Resp:	29536
Ion Ratio	Lower	Upper	
164	100		
166	126.2	103.0	154.6
129	92.2	80.2	120.4
131	88.6	74.2	111.4





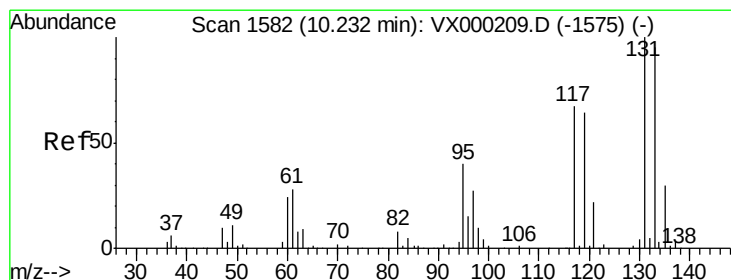
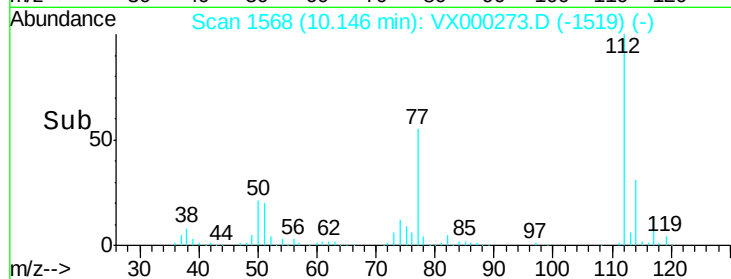
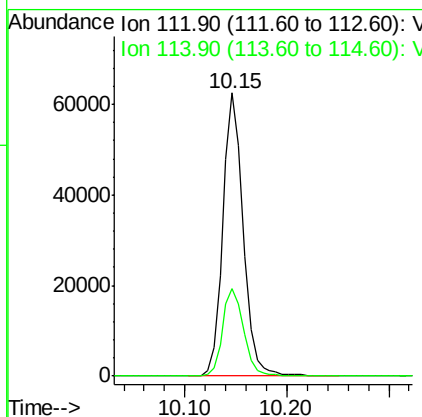
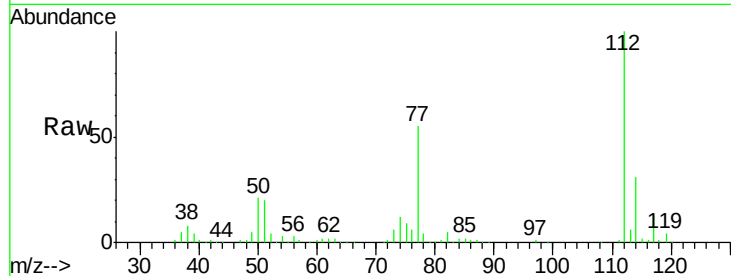
#65
Chlorobenzene
Concen: 20.15 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion:112 Resp: 86815
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4

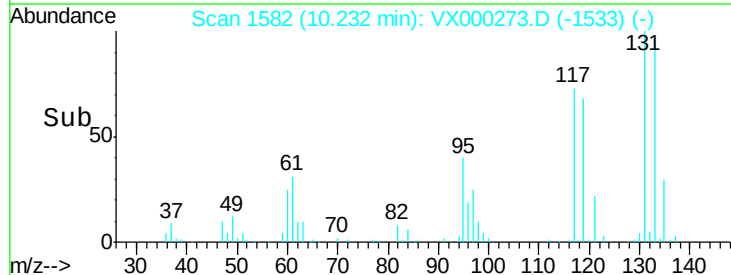
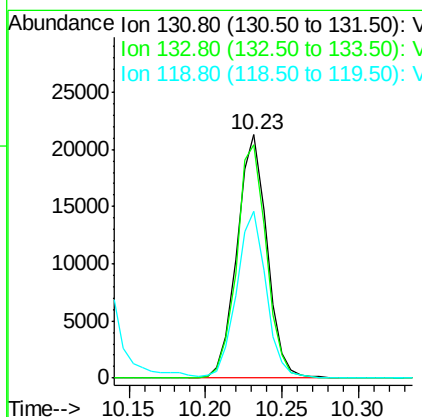
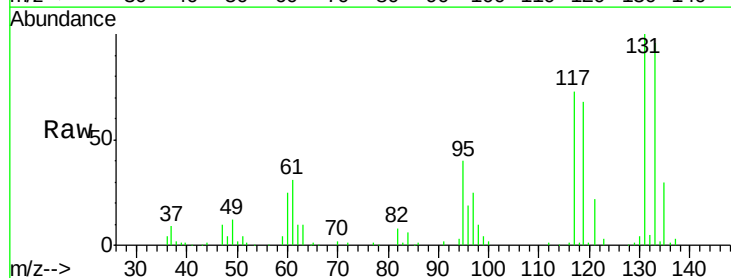
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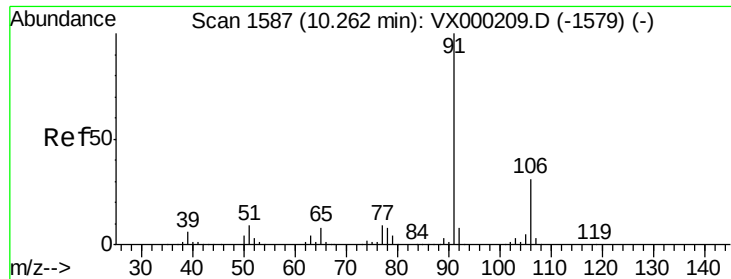
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.66 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion:131 Resp: 28952
Ion Ratio Lower Upper
131 100
133 94.7 48.3 144.9
119 67.7 32.3 96.8





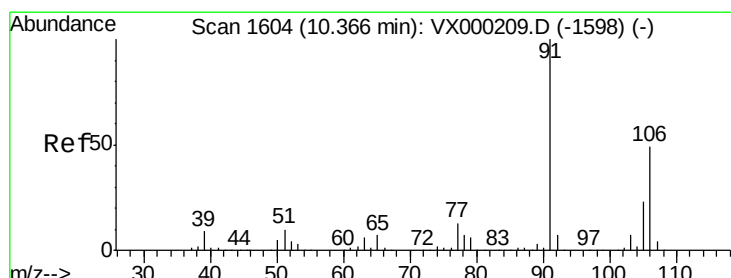
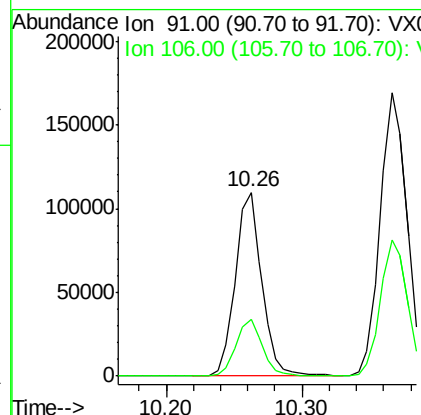
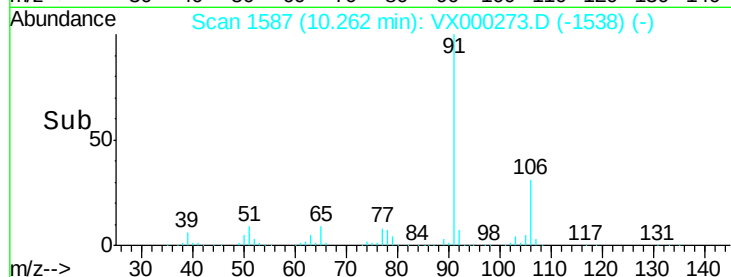
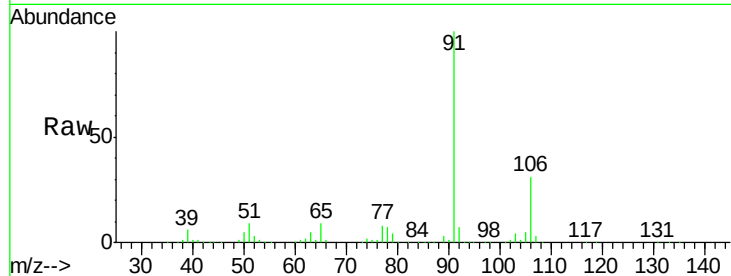
#67
Ethyl Benzene
Concen: 19.74 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBS01

Tot Ion: 91 Resp: 148436
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

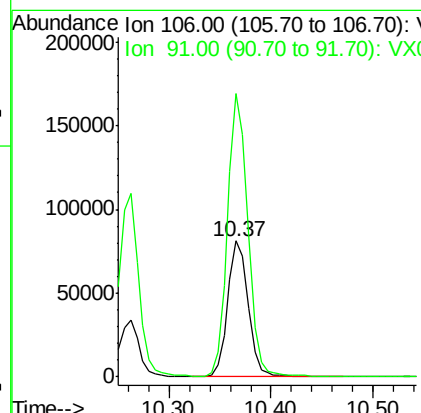
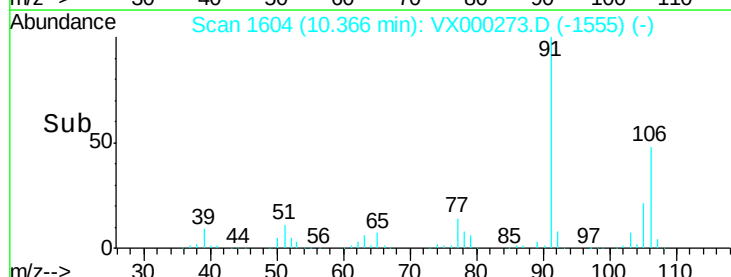
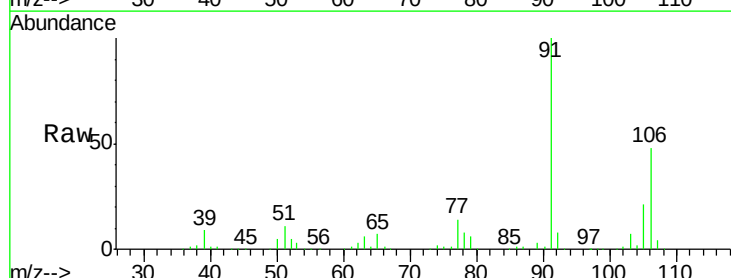
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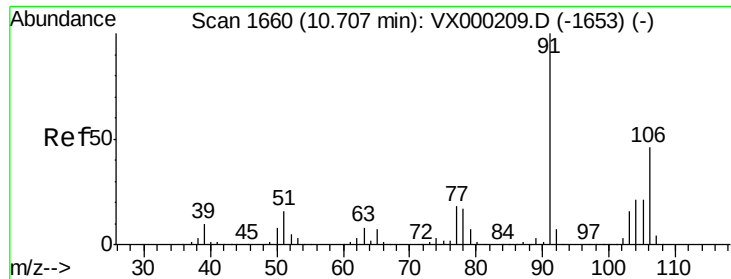
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#68
m/p-Xylenes
Concen: 39.47 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 106 Resp: 114201
Ion Ratio Lower Upper
106 100
91 205.1 160.9 241.3





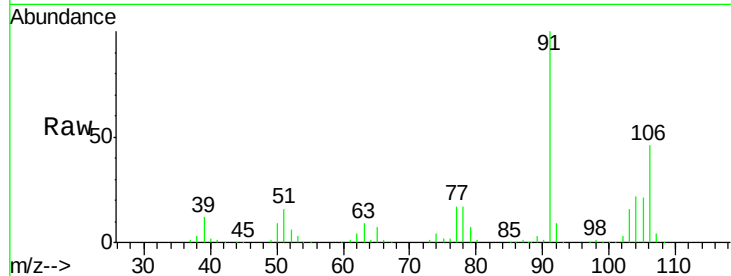
#69
o-Xylene
Concen: 19.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

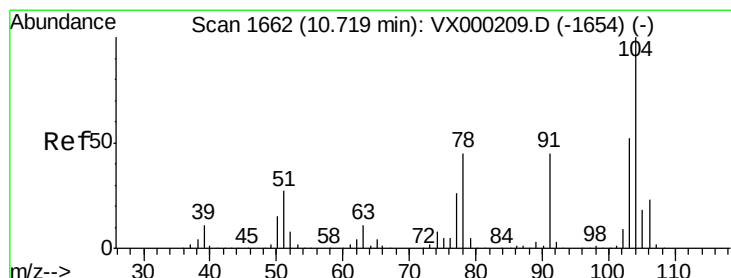
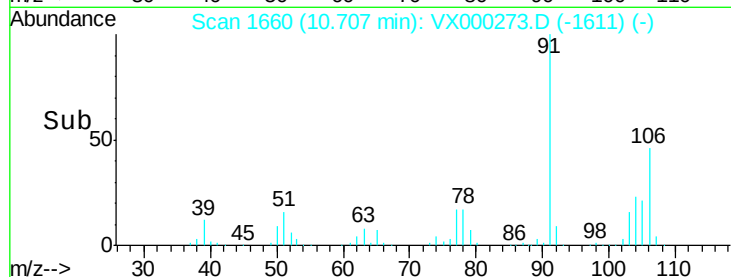
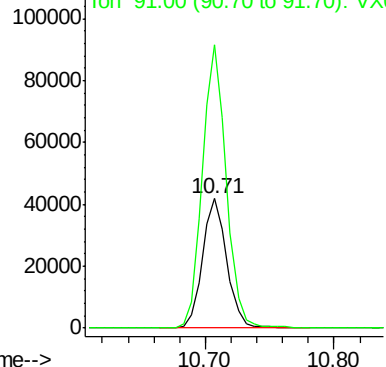
Tot Ion:106 Resp: 55569
Ion Ratio Lower Upper
106 100
91 214.2 105.9 317.7

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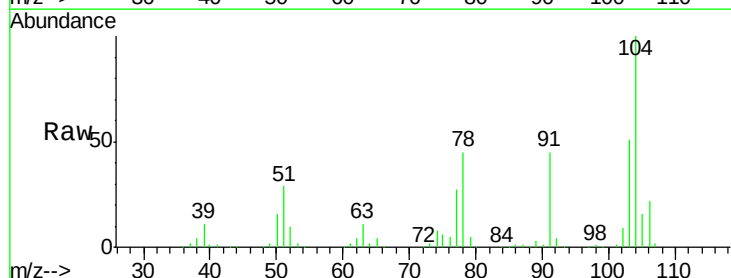


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

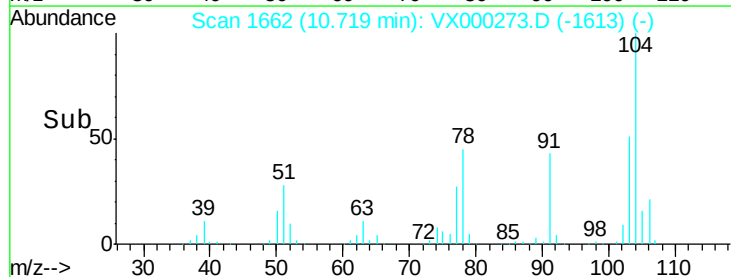
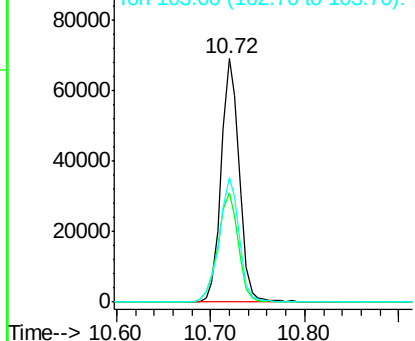


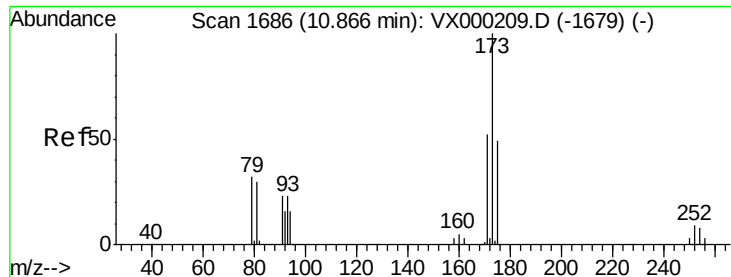
#70
Styrene
Concen: 19.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion:104 Resp: 92024
Ion Ratio Lower Upper
104 100
78 50.9 39.6 59.4
103 55.9 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.51 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

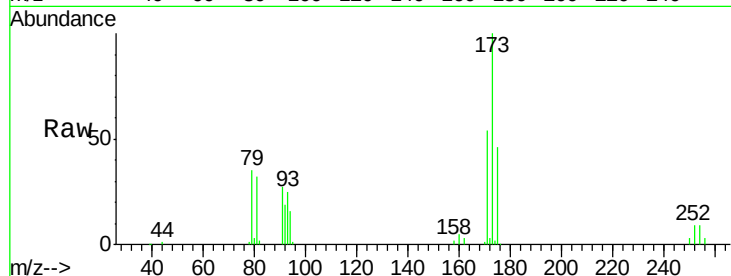
ClientSampleId :

VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.2
254	0.0	0.2	0.2#

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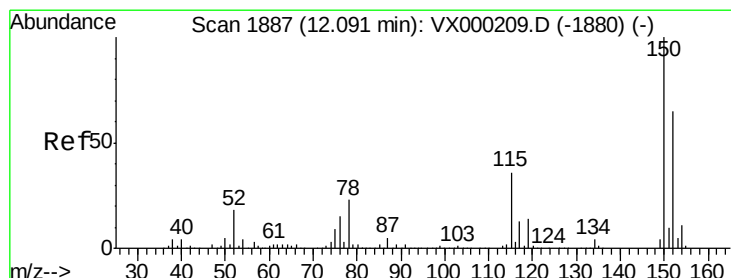
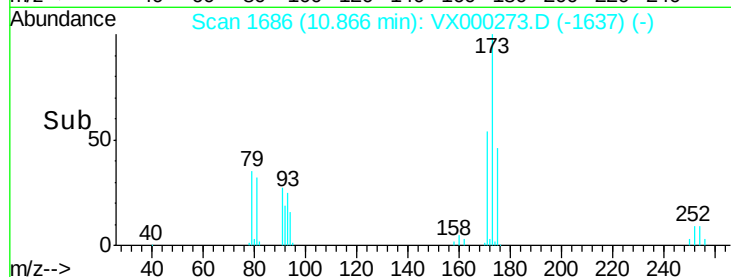
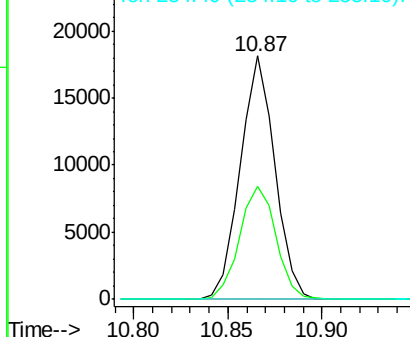


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

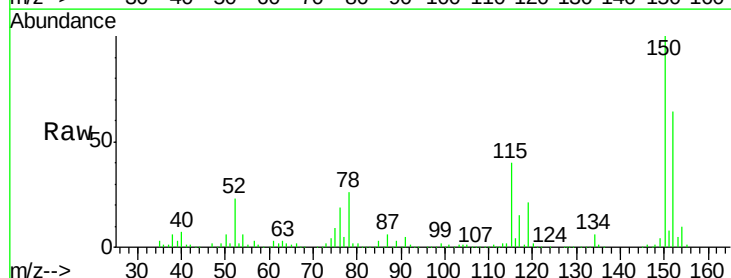
RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	39.8	119.3
150	163.4	0.0	345.0

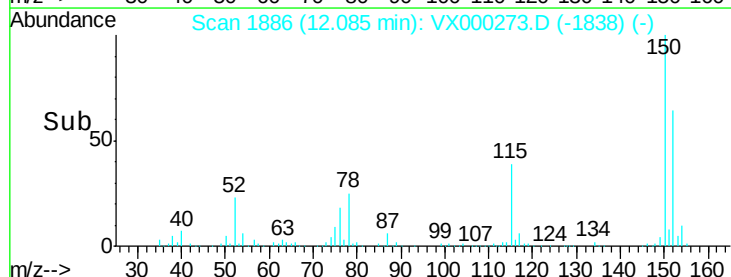
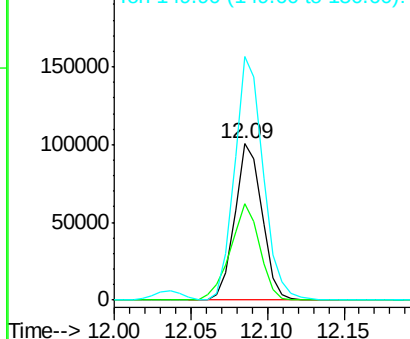


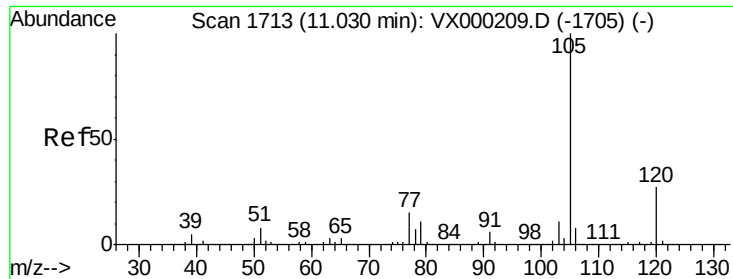
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion:105 Resp: 151848

Ion Ratio Lower Upper

105 100

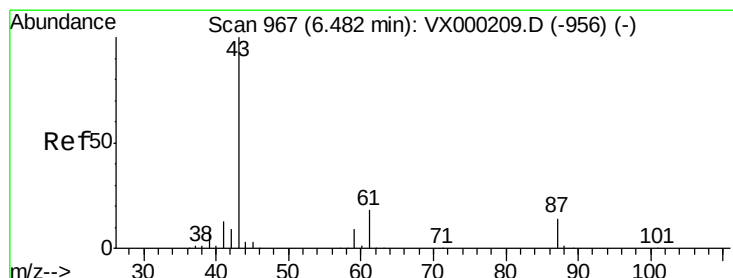
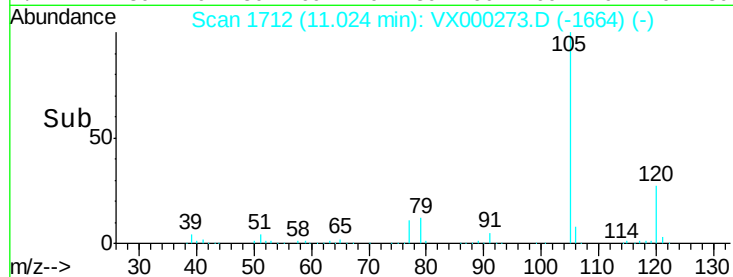
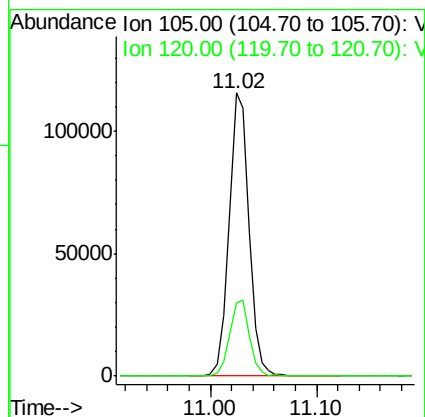
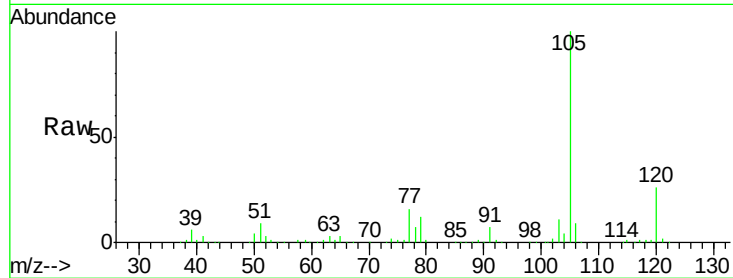
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.10 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion: 43 Resp: 75707

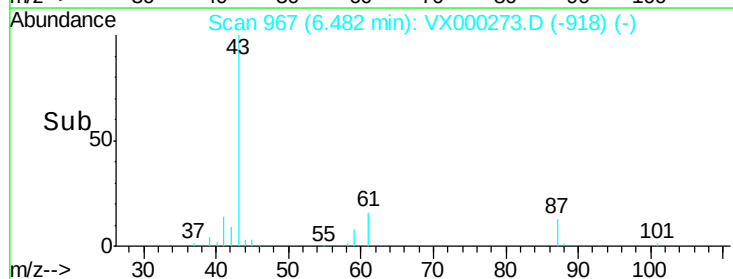
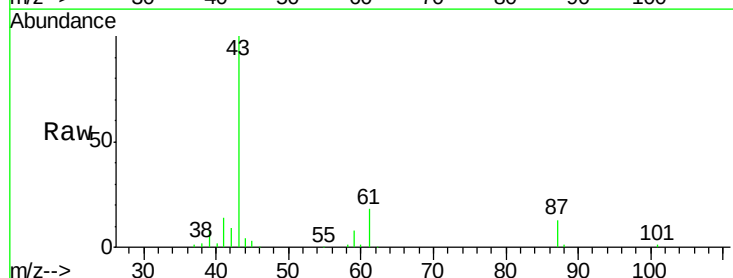
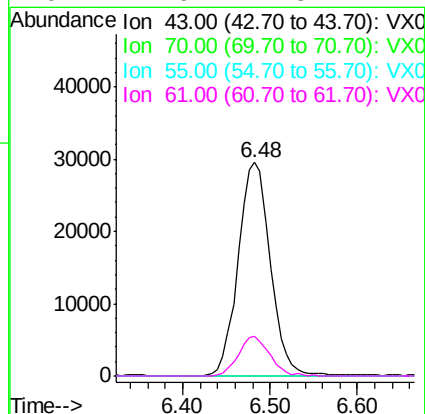
Ion Ratio Lower Upper

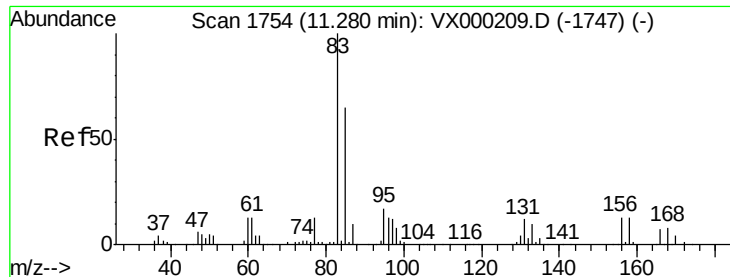
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

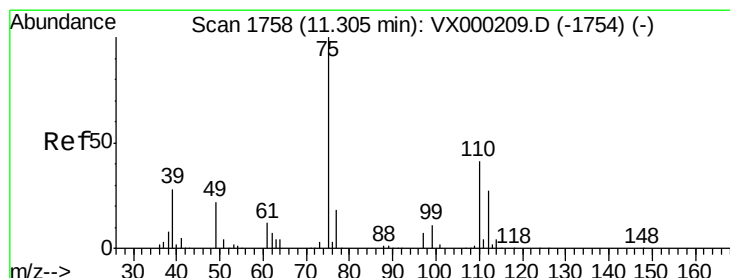
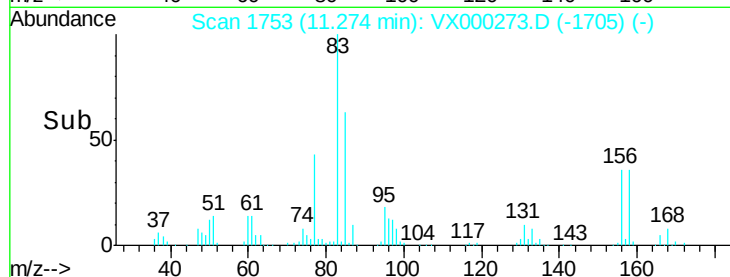
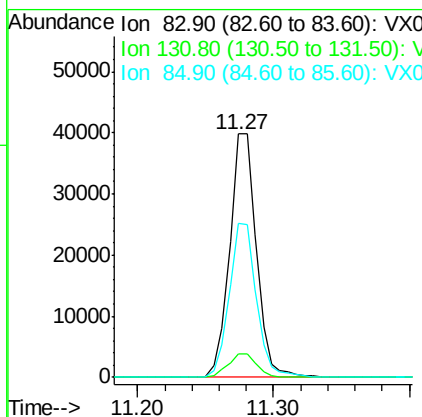
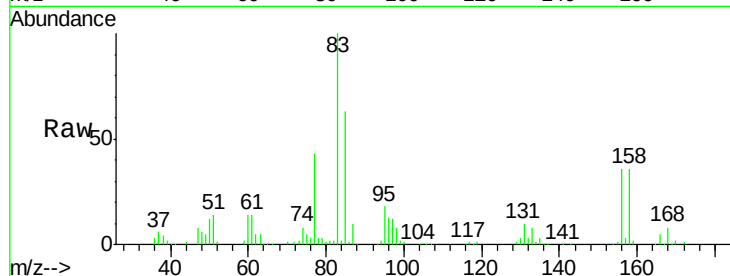
ClientSampleId :

VX0312MBSD01

Tot Ion:	83	Resp:	54456
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.5	16.5
85	64.4	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.08 ug/l m

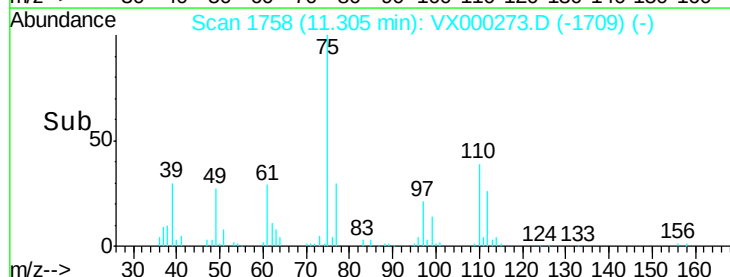
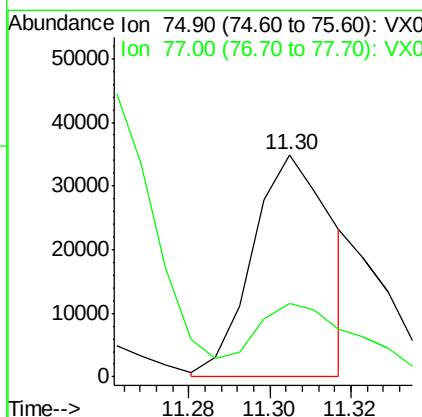
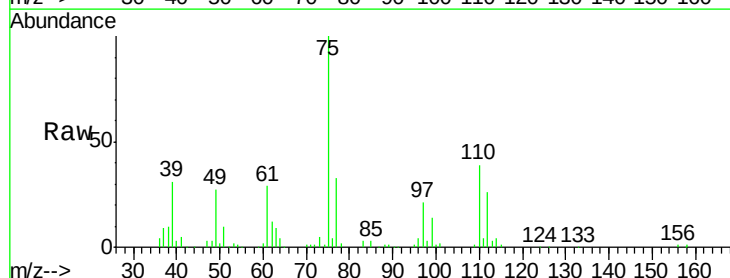
RT: 11.30 min Scan# 1758

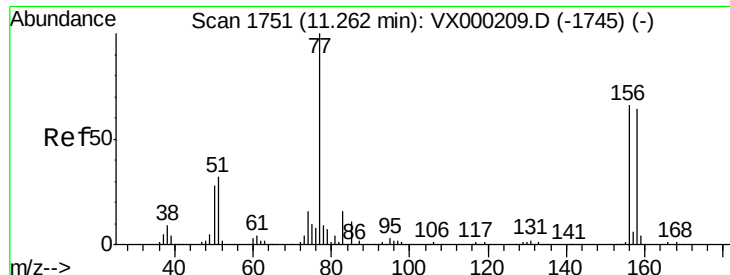
Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion:	75	Resp:	47335
Ion	Ratio	Lower	Upper
75	100		
77	43.3	22.3	66.8





#77

Bromobenzene

Concen: 19.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion:156 Resp: 38568

Ion Ratio Lower Upper

156 100

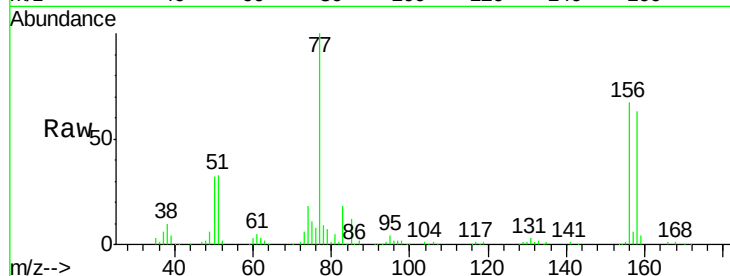
77 149.8 71.9 215.7

158 97.8 48.0 144.2

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apatel

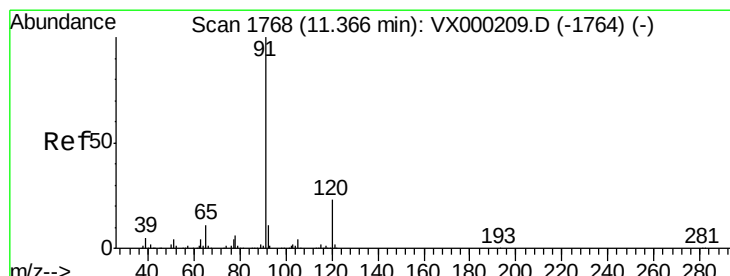
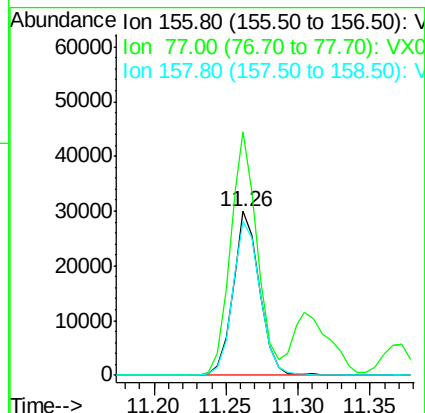
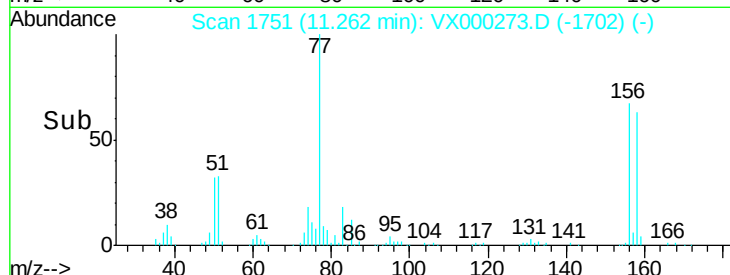
3/13/2018 10:58:34 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.73 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000273.D

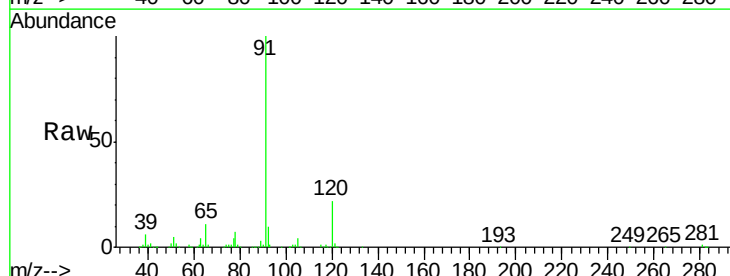
Acq: 12 Mar 2018 12:32

Tgt Ion: 91 Resp: 179912

Ion Ratio Lower Upper

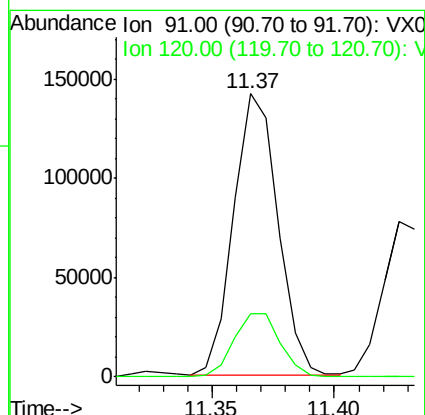
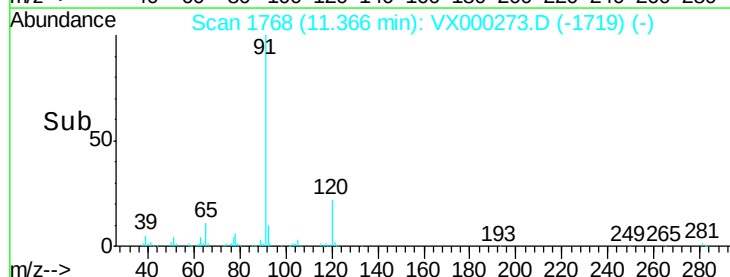
91 100

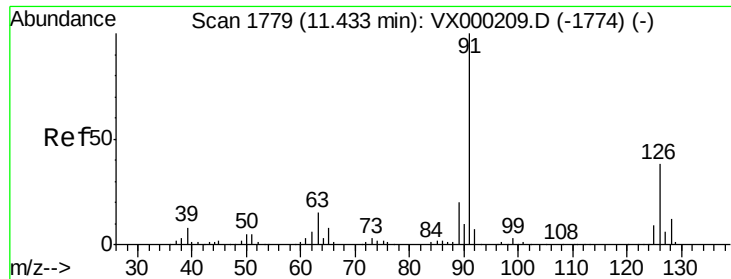
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 91 Resp: 101219

Ion Ratio Lower Upper

91 100

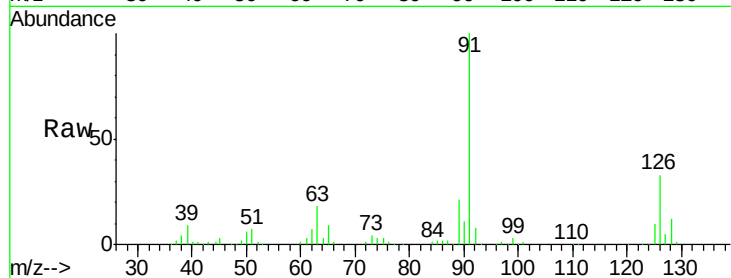
126 35.9 18.4 55.2

Manual Integrations

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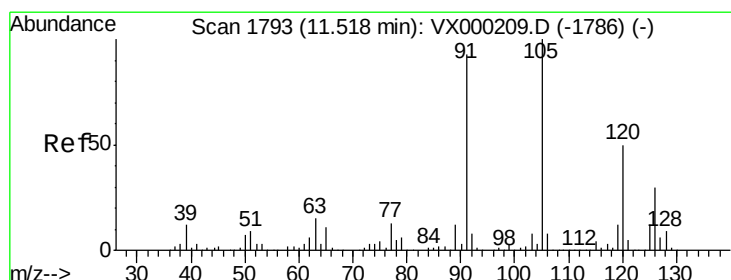
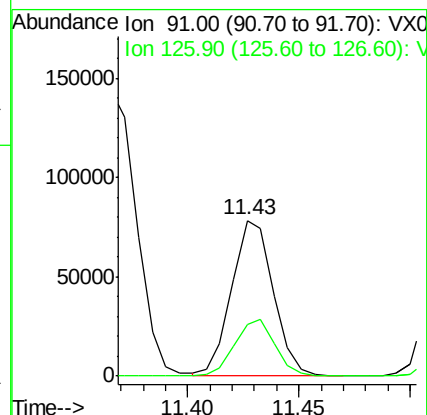
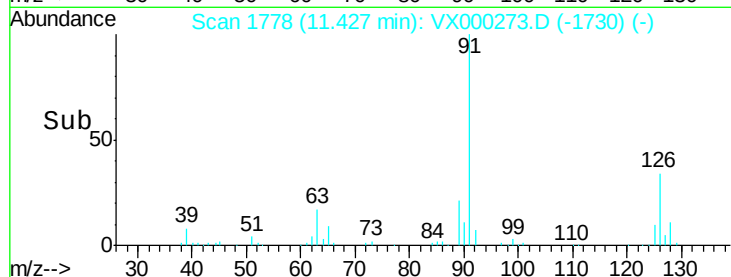
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000273.D

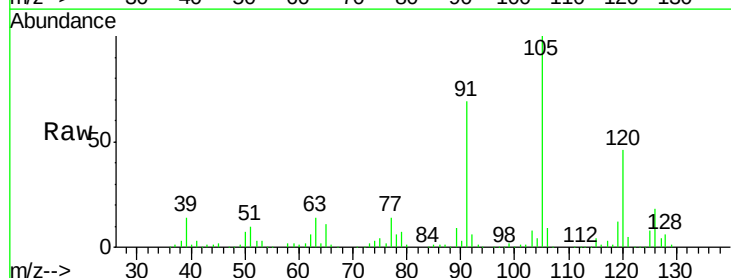
Acq: 12 Mar 2018 12:32

Tgt Ion: 105 Resp: 129197

Ion Ratio Lower Upper

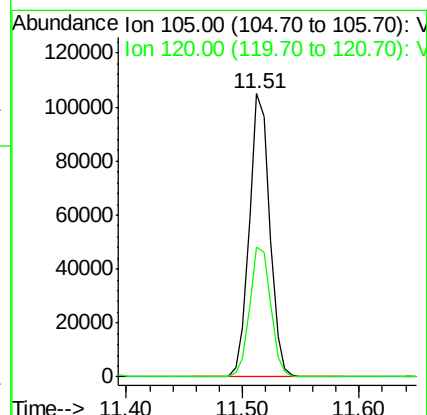
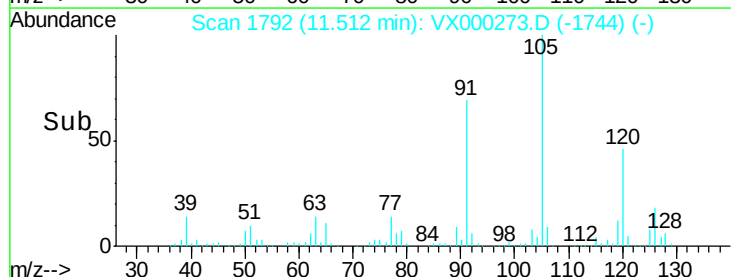
105 100

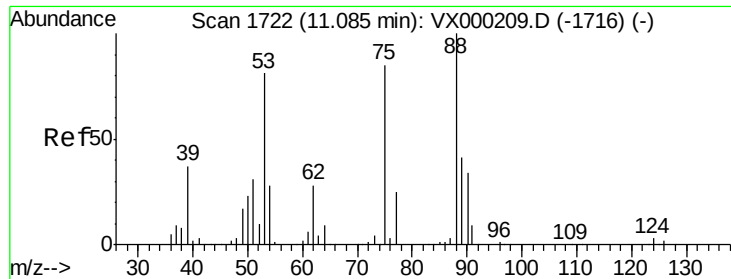
120 47.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.01 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBSD01

Tot Ion: 75 Resp: 13775

Ion Ratio Lower Upper

75 100

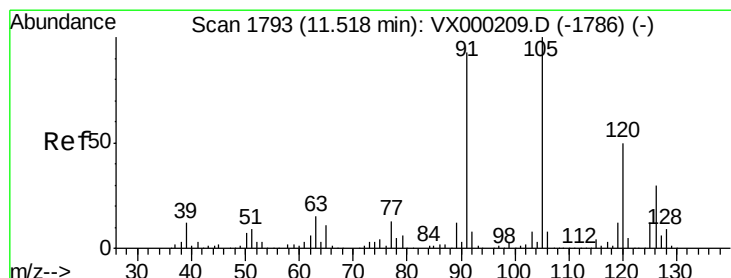
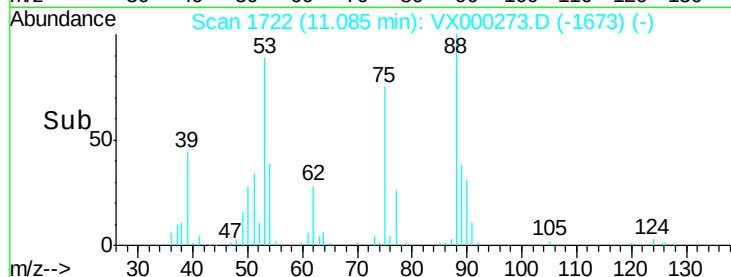
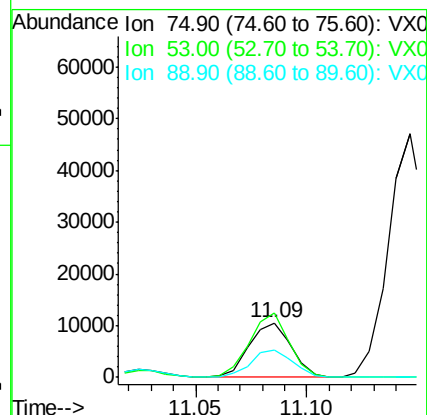
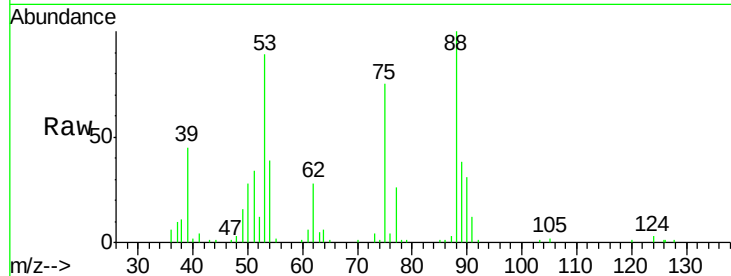
53 113.8 78.6 118.0

89 50.3 38.8 58.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.19 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000273.D

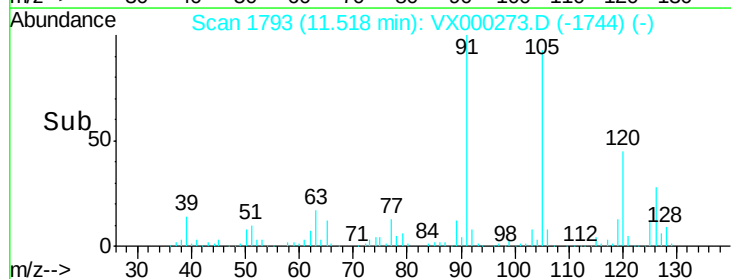
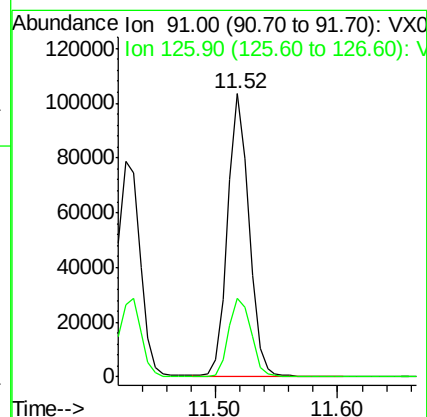
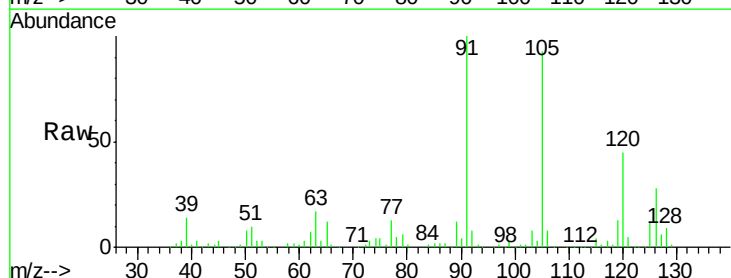
Acq: 12 Mar 2018 12:32

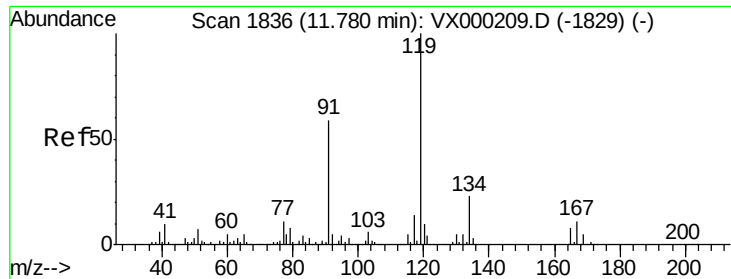
Tgt Ion: 91 Resp: 126238

Ion Ratio Lower Upper

91 100

126 29.2 16.0 48.0





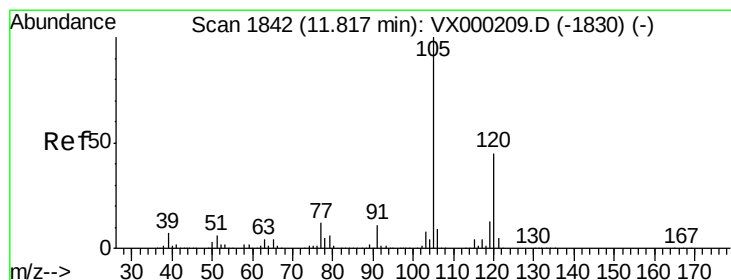
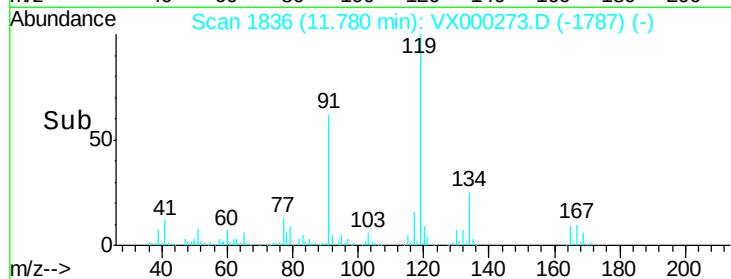
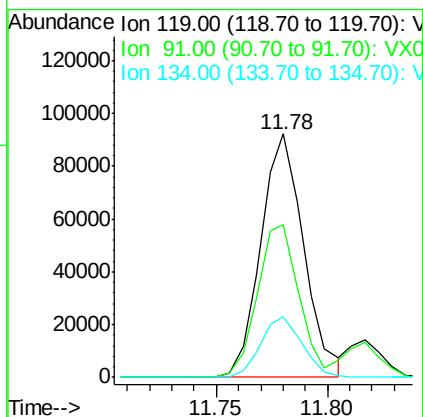
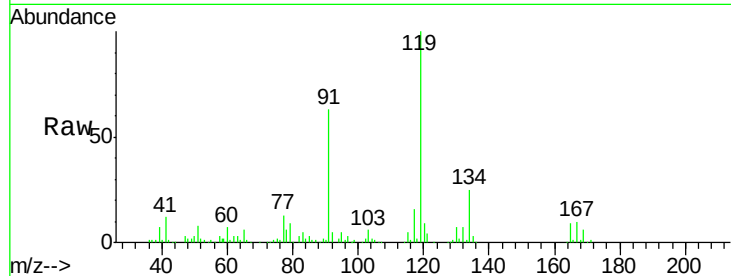
#83
tert-Butylbenzene
Concen: 19.62 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	123481		
91	61.0	28.9	86.7	
134	24.2	11.5	34.4	

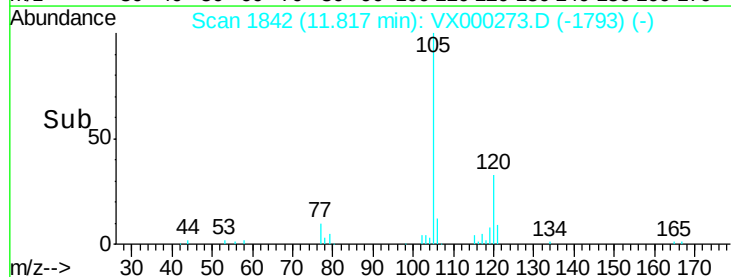
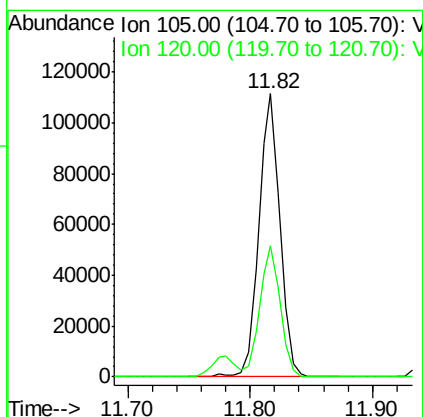
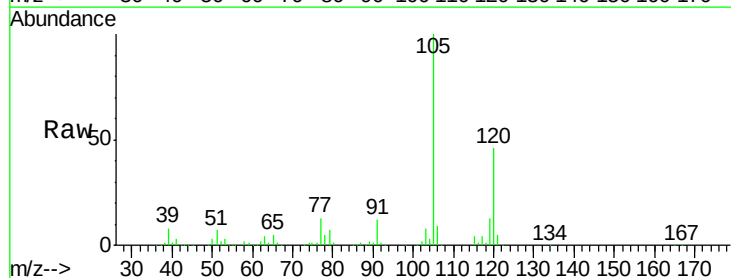
Manual Integrations
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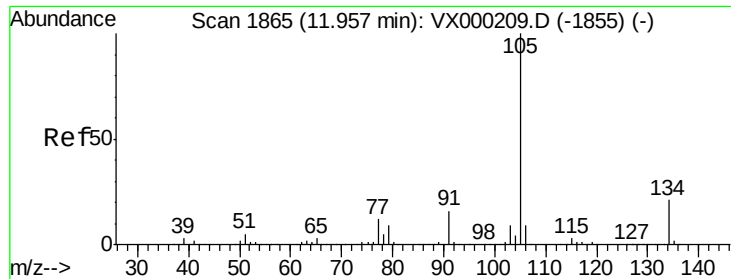
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#84
1,2,4-Trimethylbenzene
Concen: 20.19 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134275		
120	45.2	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.37 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0312MBS01

Tot Ion:105 Resp: 162137

Ion Ratio Lower Upper

105 100

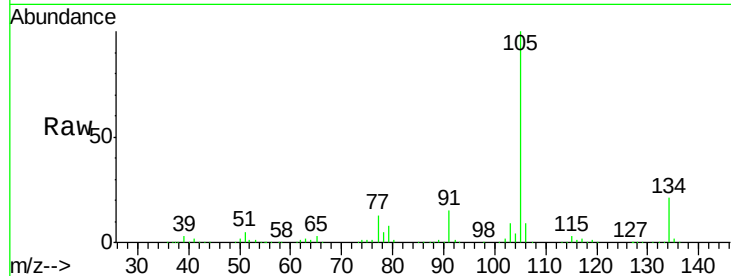
134 20.4 10.3 30.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

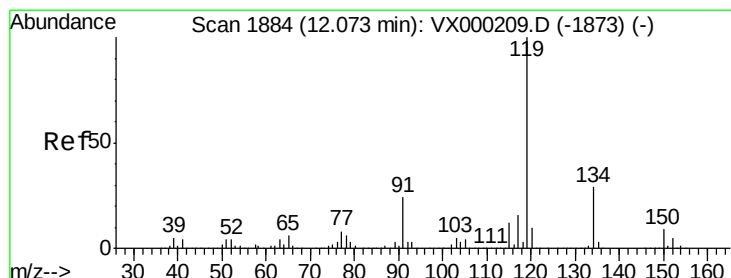
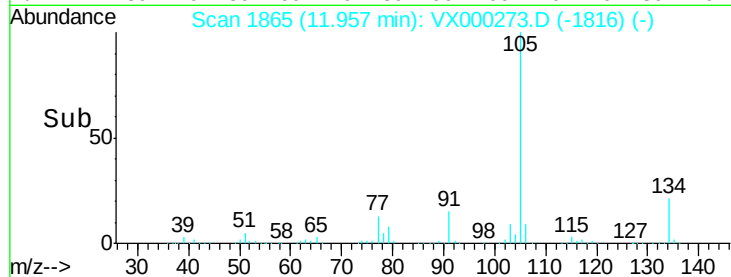
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.95 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

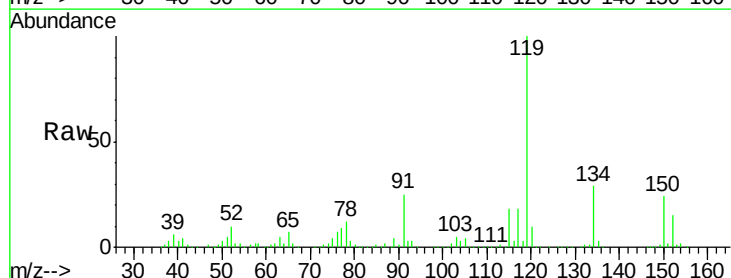
Tgt Ion:119 Resp: 140022

Ion Ratio Lower Upper

119 100

134 28.1 13.8 41.3

91 25.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

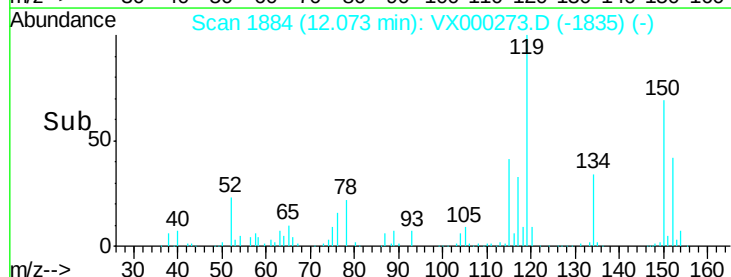
150000

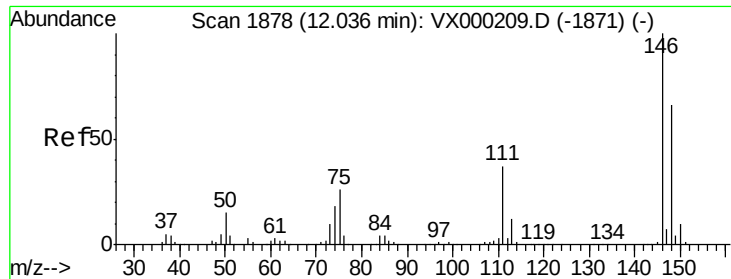
100000

50000

0

Time-->





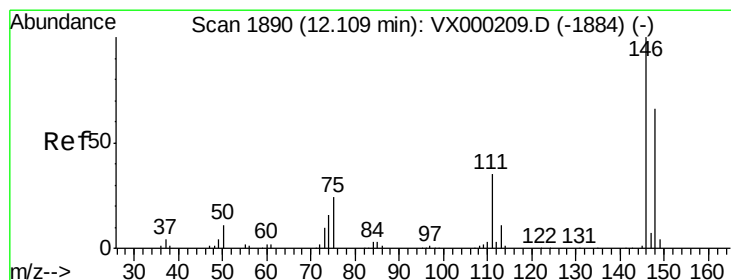
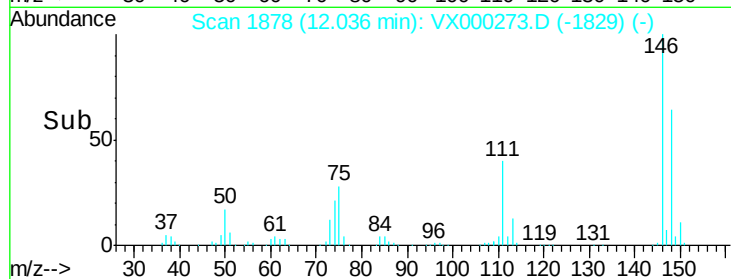
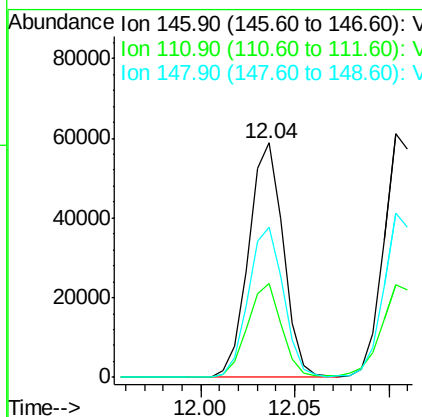
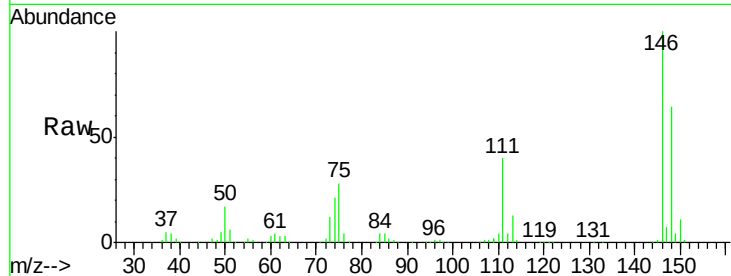
#87
 1,3-Dichlorobenzene
 Concen: 19.72 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.0	57.0
148	65.0	32.1	96.3

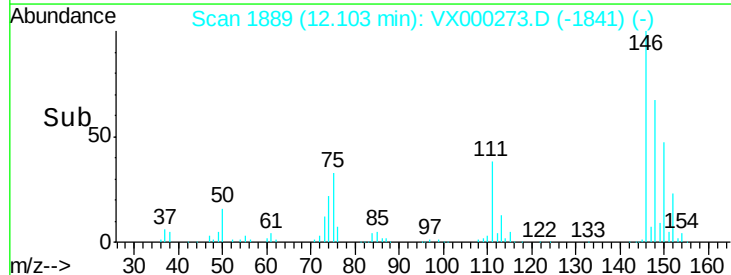
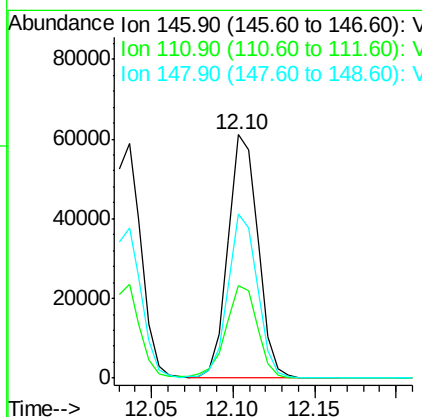
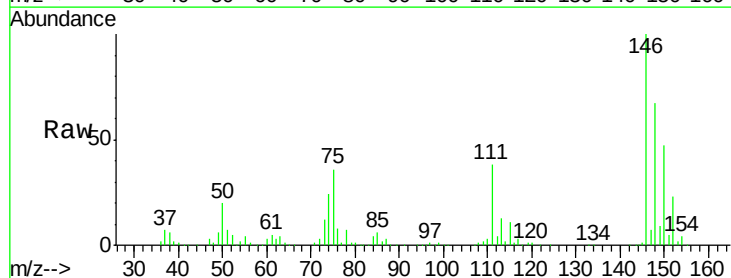
Manual Integrations
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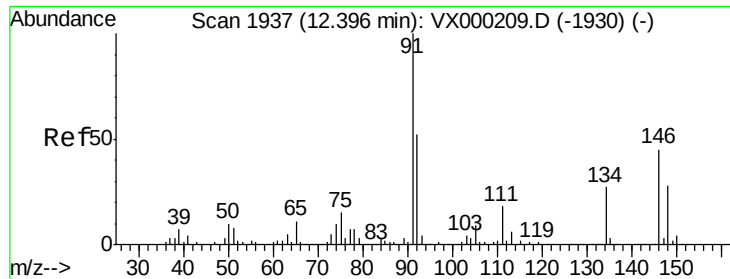
apatel
 3/13/2018 10:58:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.58 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.9	56.9
148	66.3	32.6	97.8





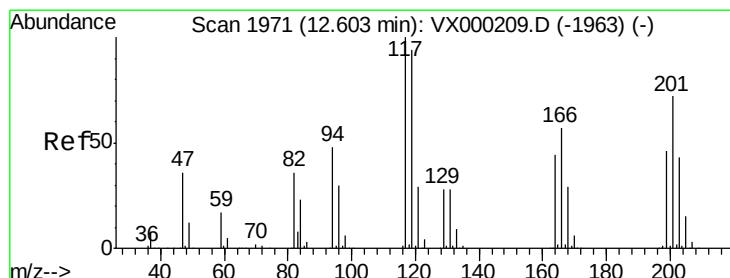
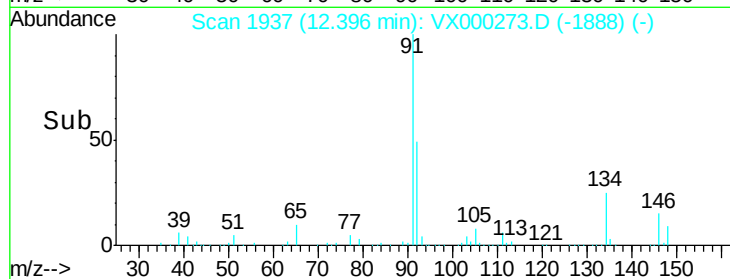
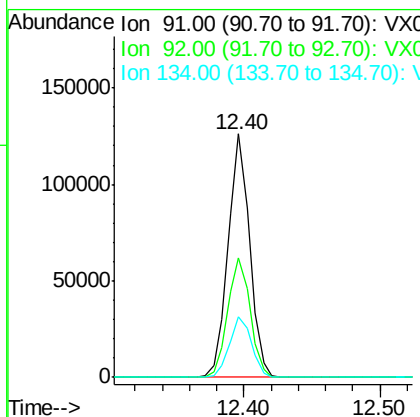
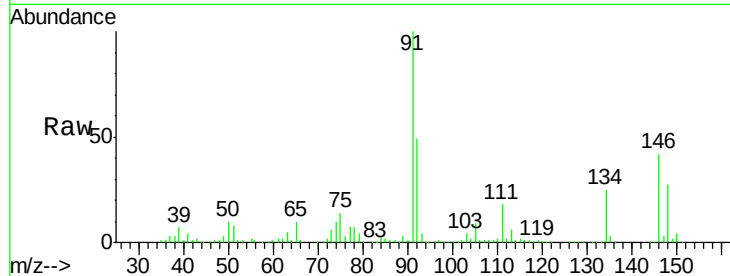
#89
n-Butylbenzene
Concen: 20.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.8	77.4
134	25.7	13.5	40.5

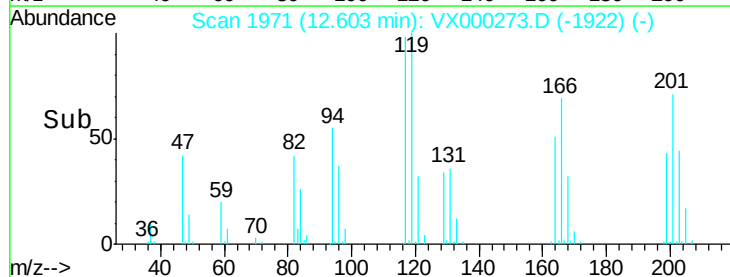
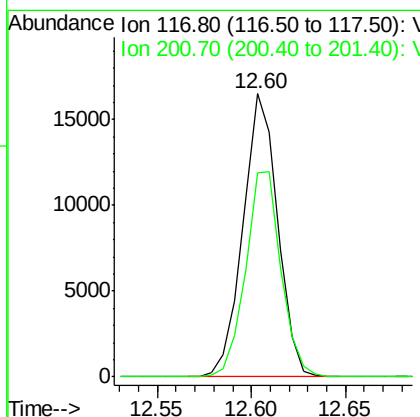
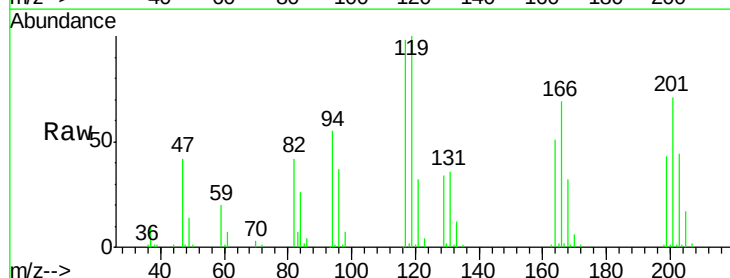
Manual Integrations
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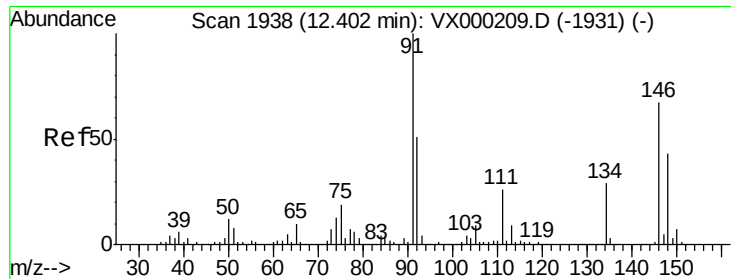
apatel
3/13/2018 10:58:34 AM



#90
Hexachloroethane
Concen: 18.56 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.3	38.2	114.6





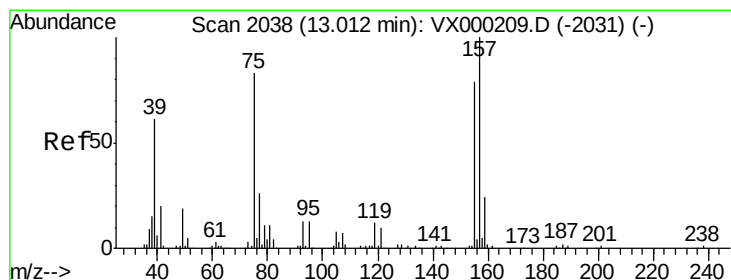
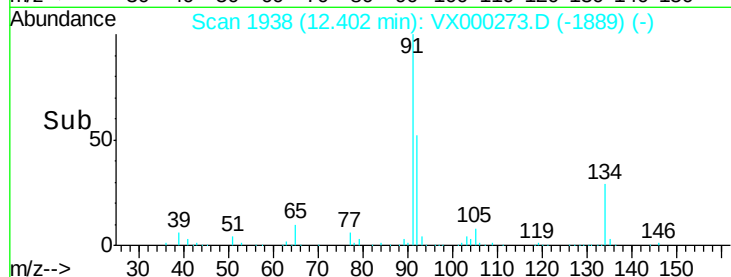
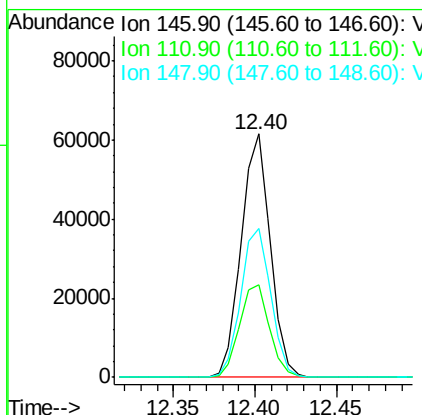
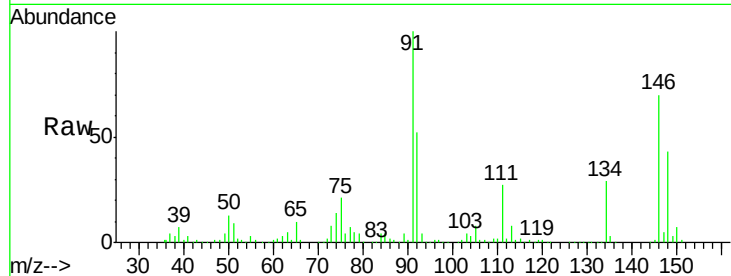
#91
 1,2-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	62.8	32.0	96.0

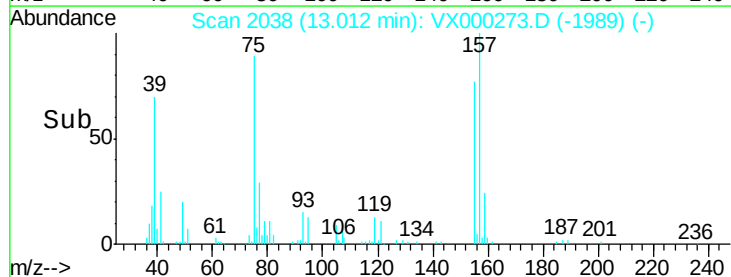
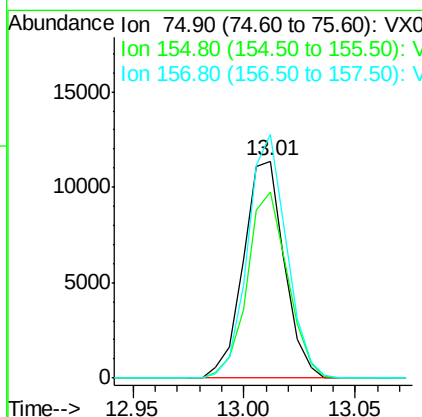
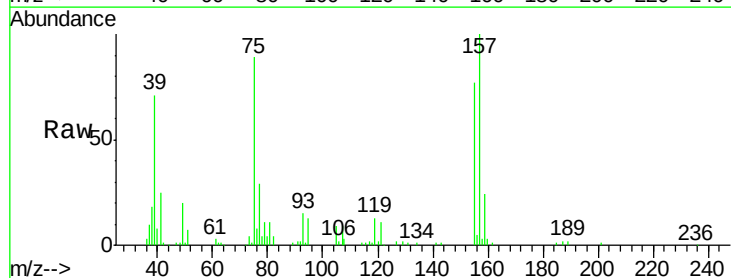
Manual Integrations
 APPROVED

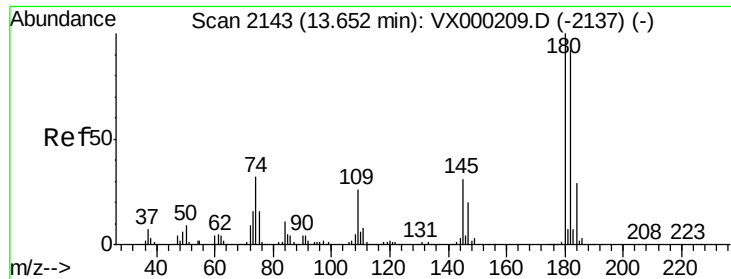
apatel
 3/13/2018 10:58:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.07 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	45.5	136.5
157	106.4	58.6	175.8





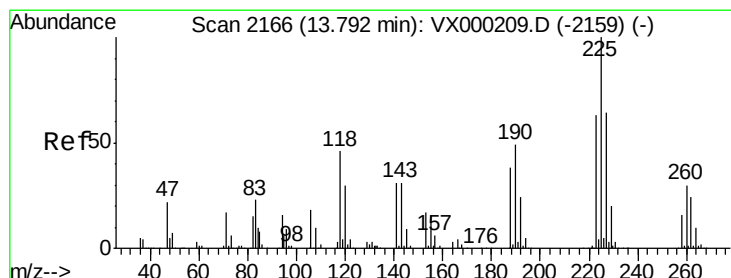
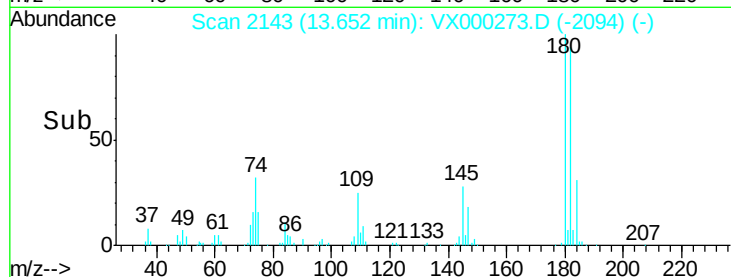
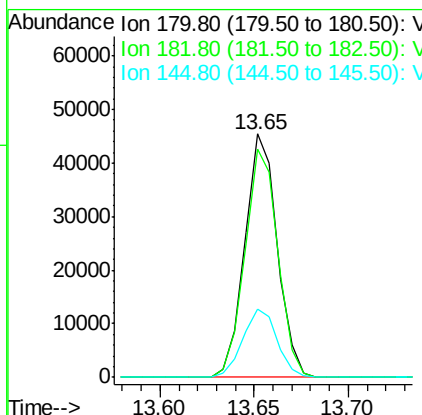
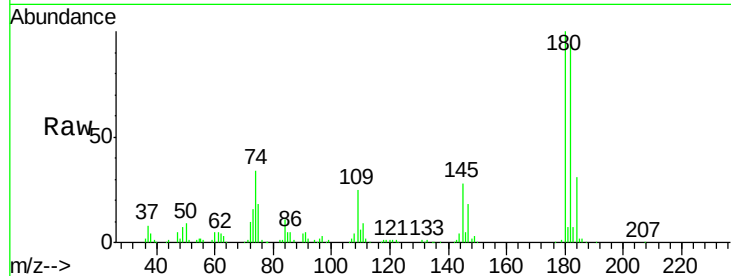
#93
 1,2,4-Trichlorobenzene
 Concen: 19.74 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.0
145	29.5	15.3	45.9

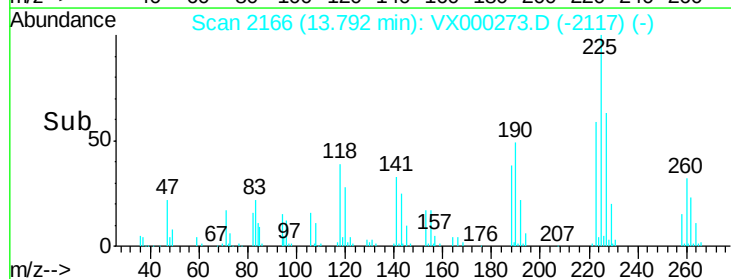
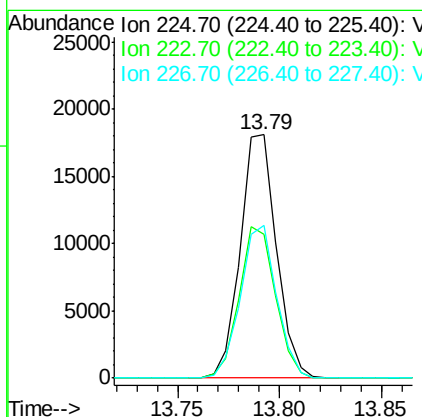
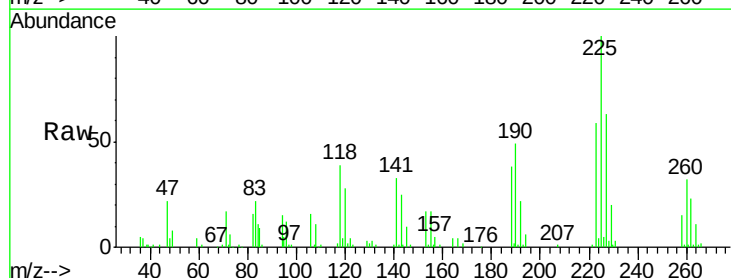
Manual Integrations
 APPROVED

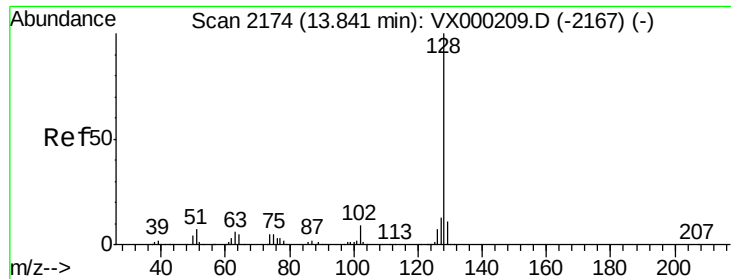
apatel
 3/13/2018 10:58:34 AM



#94
 Hexachlorobutadiene
 Concen: 19.51 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.8	95.3
227	62.8	31.9	95.5





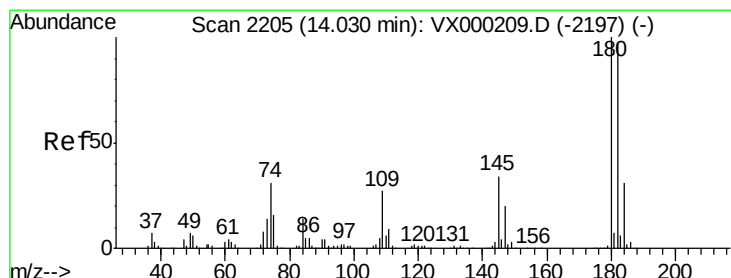
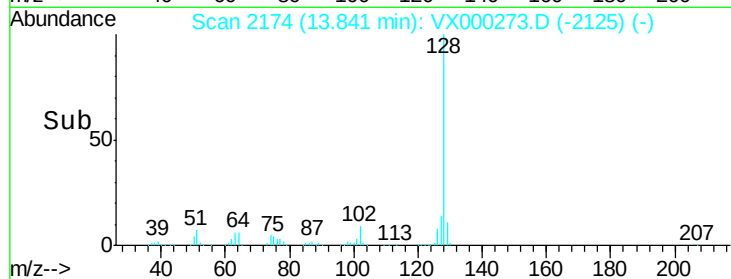
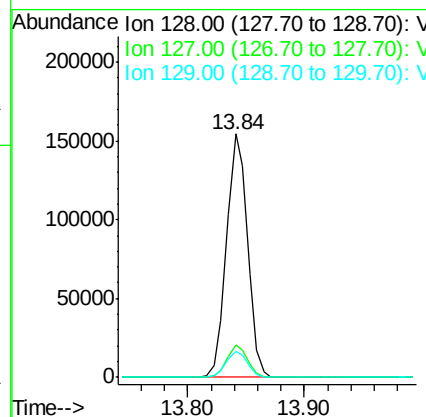
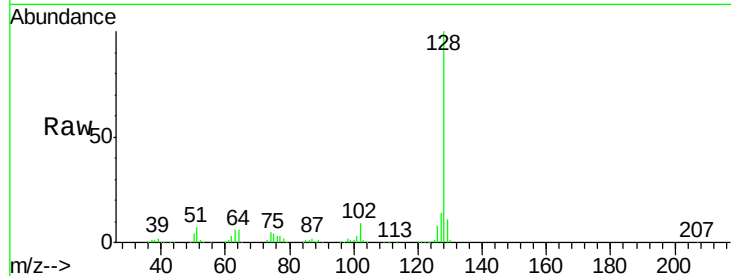
#95
Naphthalene
Concen: 20.05 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0312MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.44 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	32.5	16.3	48.8

