

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000269.D
 Acq On : 12 Mar 2018 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:27 AM

Quant Time: Mar 13 04:42:27 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	5.67	168	136775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	87259	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.51	113	68321	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.73	98	283958	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.15	95	113988	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61152	41.03	ug/l	93
3) Chloromethane	1.32	50	58740	40.37	ug/l	99
4) Vinyl Chloride	1.41	62	68124	40.18	ug/l	100
5) Bromomethane	1.64	94	85383	48.31	ug/l	100
6) Chloroethane	1.73	64	46192	43.64	ug/l	96
7) Trichlorofluoromethane	1.93	101	125353	44.56	ug/l	98
8) Diethyl Ether	2.20	74	42399	41.06	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68741	43.75	ug/l	98
10) Methyl Iodide	2.52	142	62456	38.63	ug/l	99
11) Tert butyl alcohol	3.07	59	129111	185.32	ug/l	100
12) 1,1-Dichloroethene	2.38	96	60593	42.00	ug/l	98
13) Acrolein	2.30	56	94257	257.34	ug/l	95
14) Allyl chloride	2.73	41	111799	41.95	ug/l	98
15) Acrylonitrile	3.15	53	246832	203.59	ug/l	99
16) Acetone	2.45	43	312731	229.68	ug/l	100
17) Carbon Disulfide	2.57	76	163336	41.32	ug/l	100
18) Methyl Acetate	2.78	43	118350	40.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221247	43.07	ug/l	98
20) Methylene Chloride	2.86	84	67220	41.39	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	68710	43.31	ug/l	98
22) Diisopropyl ether	3.88	45	194758	42.56	ug/l	98
23) Vinyl Acetate	3.83	43	1014699	230.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	119982	42.77	ug/l	100
25) 2-Butanone	4.71	43	351378	209.11	ug/l	97
26) 2,2-Dichloropropane	4.59	77	93297	45.50	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	65710	43.68	ug/l	97
28) Bromochloromethane	5.03	49	61887	51.91	ug/l	99
29) Tetrahydrofuran	5.18	42	215703	204.38	ug/l	99
30) Chloroform	5.23	83	117693	43.39	ug/l	95
31) Cyclohexane	5.59	56	96338	46.44	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	107122	45.55	ug/l	99
36) 1,1-Dichloropropene	5.81	75	90777	45.49	ug/l	99
37) Ethyl Acetate	4.87	43	117489	40.74	ug/l	99
38) Carbon Tetrachloride	5.79	117	92916	46.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	114502	46.76	ug/l	96
40) Benzene	6.15	78	259579	45.10	ug/l	96
41) Methacrylonitrile	5.07	41	60830	41.38	ug/l	99
42) 1,2-Dichloroethane	6.21	62	101374	44.90	ug/l	99
43) Isopropyl Acetate	6.48	43	188153	45.12	ug/l	100
44) Trichloroethene	7.23	130	75075	45.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	68067	46.69	ug/l	98
46) Dibromomethane	7.67	93	51769	44.89	ug/l	98
47) Bromodichloromethane	7.91	83	96235	47.43	ug/l	94
48) Methyl methacrylate	7.79	41	90489	44.06	ug/l	98
49) 1,4-Dioxane	7.77	88	38742	830.90	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	710447	225.72	ug/l	100
52) Toluene	8.79	92	187029	47.41	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	114645	47.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	116939	50.56	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	75860	47.48	ug/l	96
56) Ethyl methacrylate	9.19	69	117546	49.16	ug/l	98
57) 1,3-Dichloropropane	9.38	76	123569	46.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	311303	257.86	ug/l	99
59) 2-Hexanone	9.51	43	619395	230.80	ug/l	100
60) Dibromochloromethane	9.59	129	83073	49.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	85451	48.16	ug/l	99
64) Tetrachloroethene	9.34	164	75859	46.04	ug/l	98
65) Chlorobenzene	10.15	112	220351	46.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	77449	47.64	ug/l	99
67) Ethyl Benzene	10.26	91	382703	46.11	ug/l	98
68) m/p-Xylenes	10.37	106	311550	97.54	ug/l	98
69) o-Xylene	10.71	106	146756	47.80	ug/l	99
70) Styrene	10.72	104	247602	48.62	ug/l	99
71) Bromoform	10.87	173	67406	41.19	ug/l #	100
73) Isopropylbenzene	11.02	105	406435	42.33	ug/l	99
74) N-amyl acetate	6.48	43	188153	38.30	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	140840	41.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	126512m	41.15	ug/l	
77) Bromobenzene	11.26	156	101160	40.75	ug/l	97
78) n-propylbenzene	11.37	91	484382	42.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	271726	42.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363072	45.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	43582	43.41	ug/l	99
82) 4-Chlorotoluene	11.52	91	347471	44.83	ug/l	100
83) tert-Butylbenzene	11.78	119	347677	44.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	369606	44.84	ug/l	100
85) sec-Butylbenzene	11.96	105	444105	45.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	407377	46.82	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	212367	45.00	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	224468	45.38	ug/l	99
89) n-Butylbenzene	12.40	91	387143	46.20	ug/l	100
90) Hexachloroethane	12.60	117	62593	44.65	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	211330	45.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38143	40.35	ug/l	94

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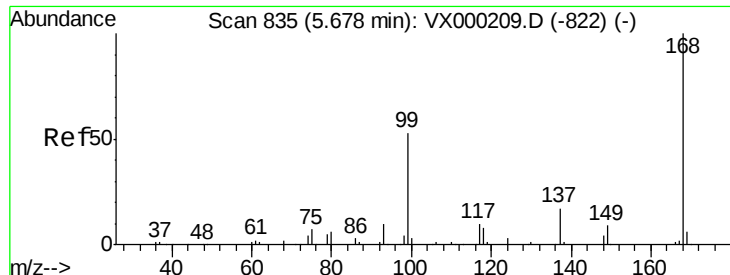
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147657	43.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	62090	43.89	ug/l	99
95) Naphthalene	13.84	128	520723	43.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	145336	43.22	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 136775

Ion Ratio Lower Upper

168 100

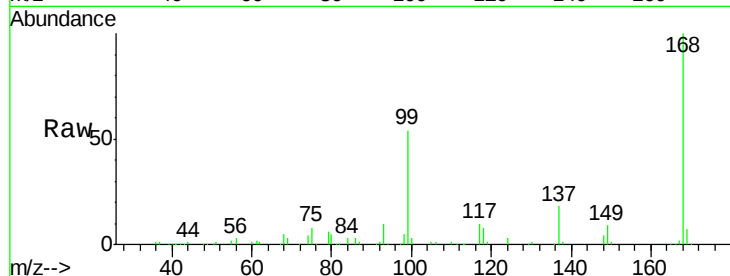
99 54.0 42.8 64.2

Manual Integrations

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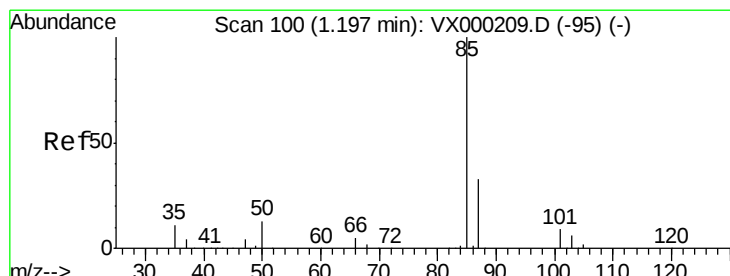
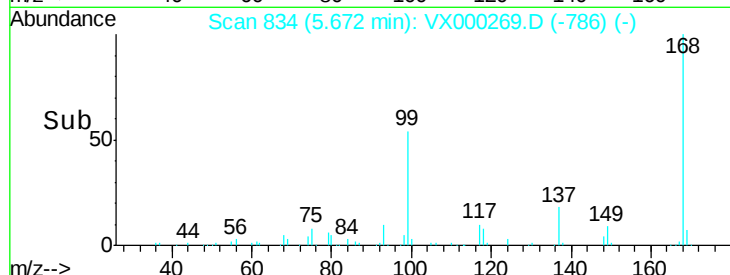
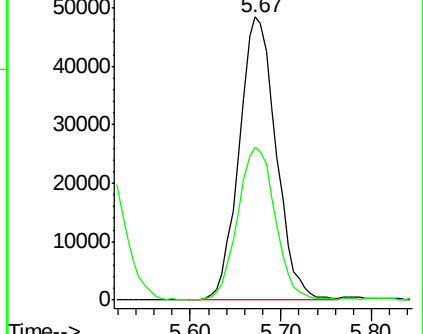
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000269.D

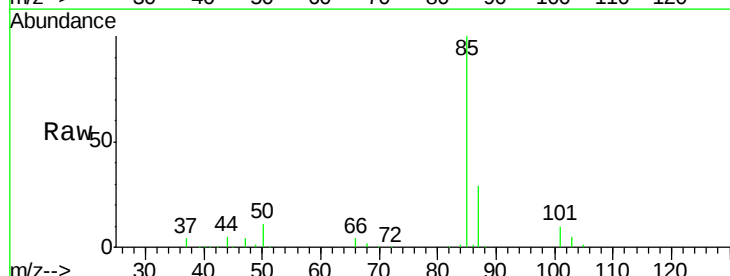
Acq: 12 Mar 2018 10:15

Tgt Ion: 85 Resp: 61152

Ion Ratio Lower Upper

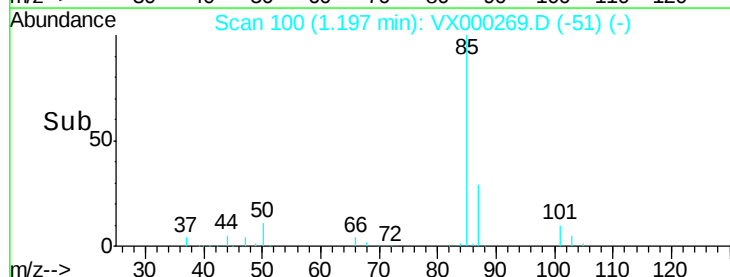
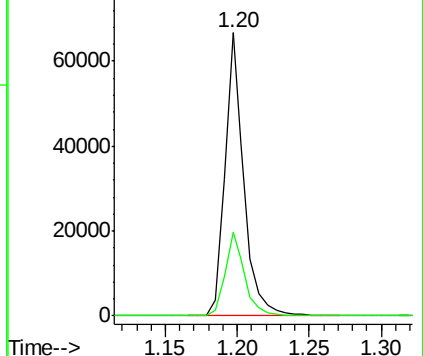
85 100

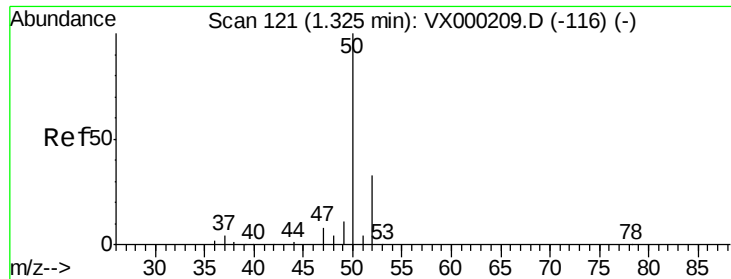
87 29.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.37 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 58740

Ion Ratio Lower Upper

50 100

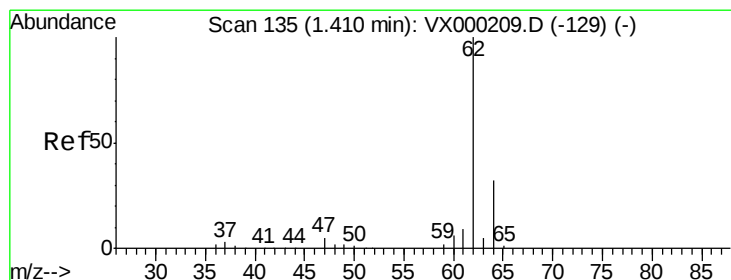
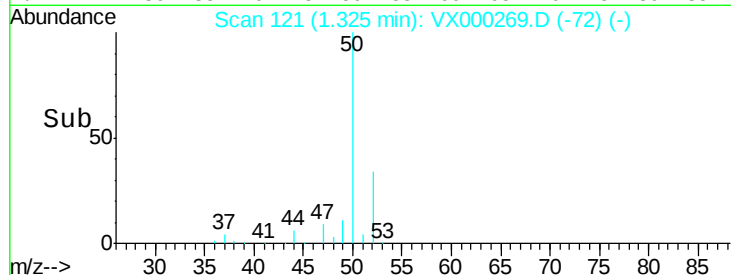
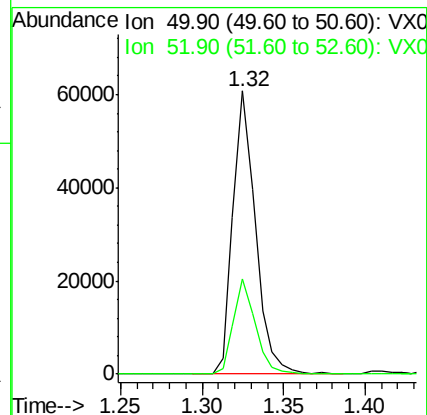
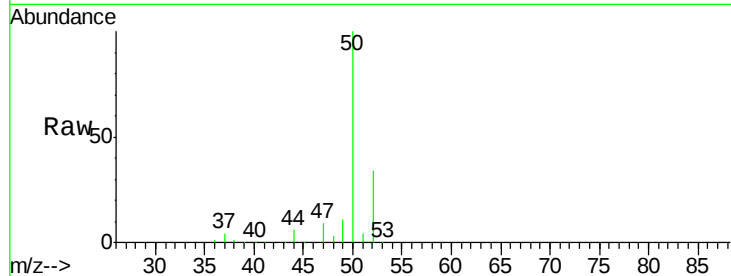
52 33.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 40.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000269.D

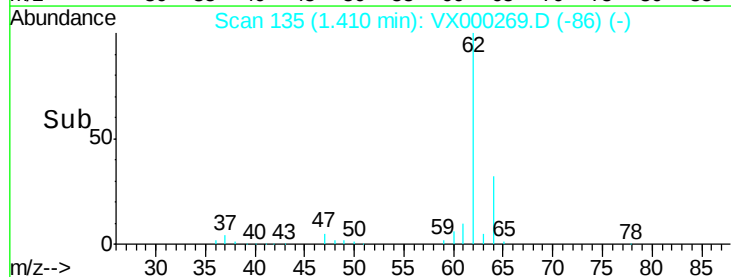
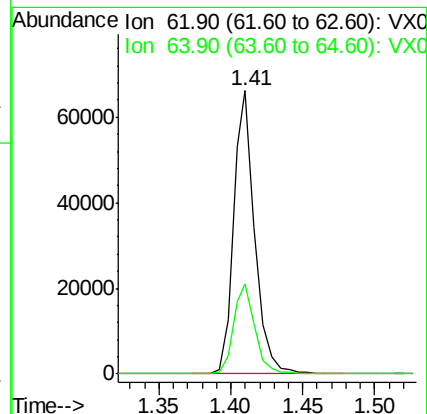
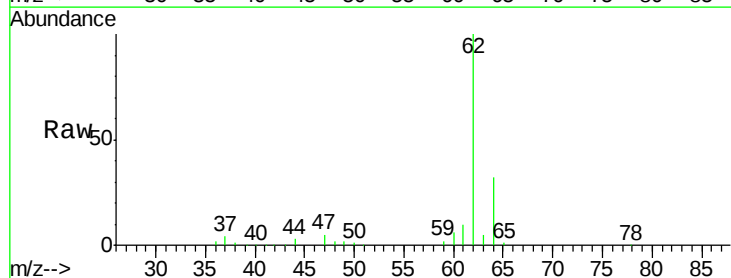
Acq: 12 Mar 2018 10:15

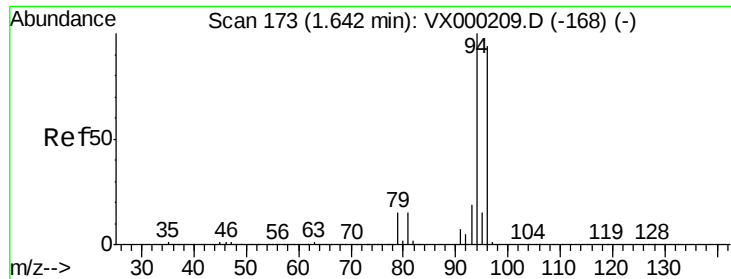
Tgt Ion: 62 Resp: 68124

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 48.31 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 85383

Ion Ratio Lower Upper

94 100

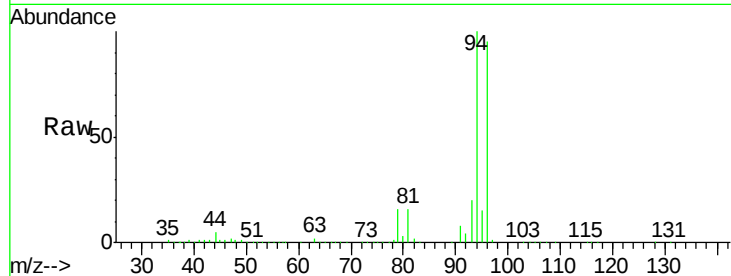
96 94.5 75.3 112.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

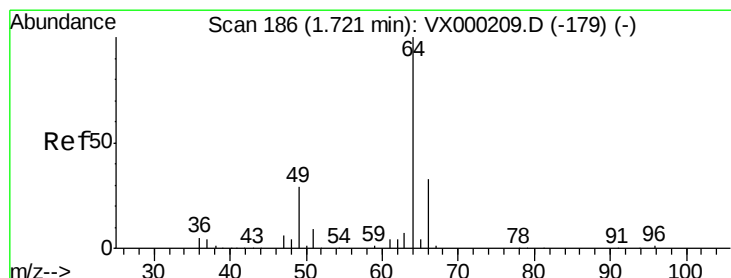
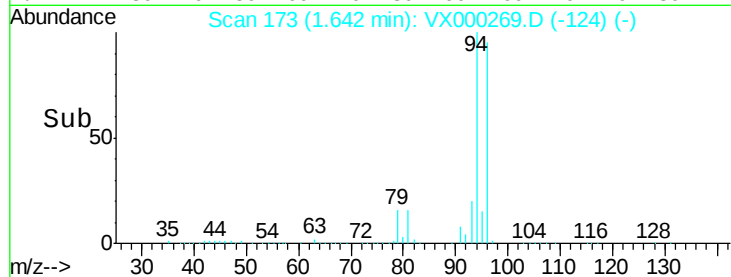
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 43.64 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000269.D

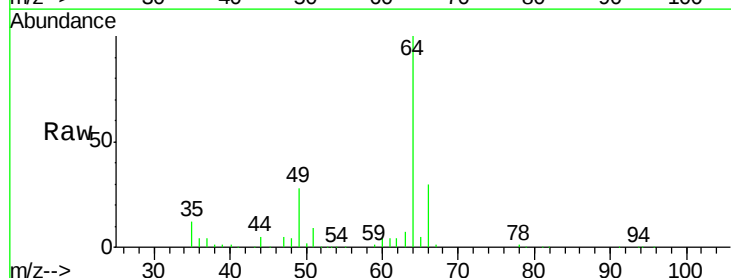
Acq: 12 Mar 2018 10:15

Tgt Ion: 64 Resp: 46192

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

40000

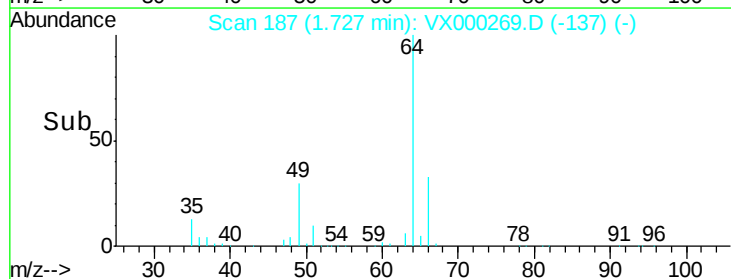
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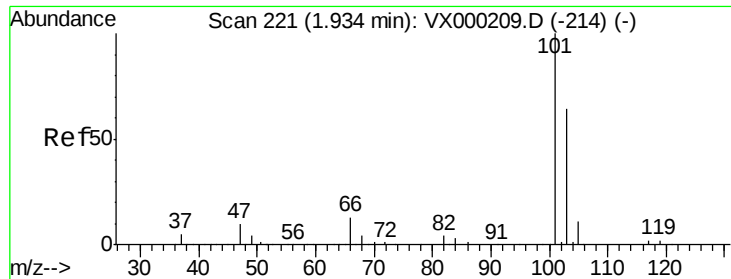
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10000

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Time--> 1.65 1.70 1.75 1.80





#7

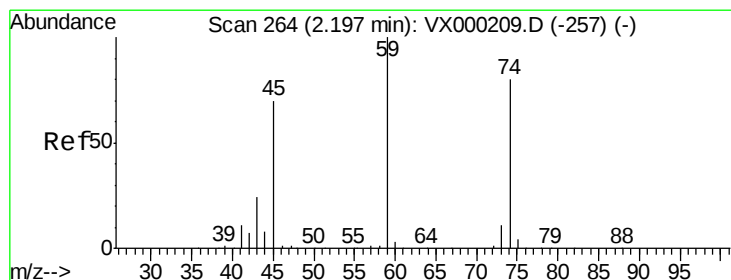
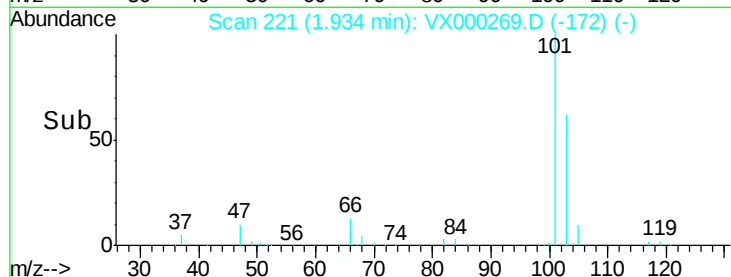
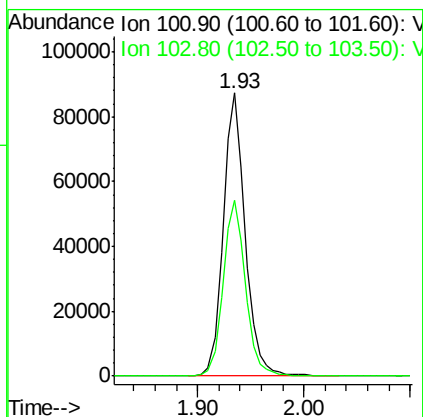
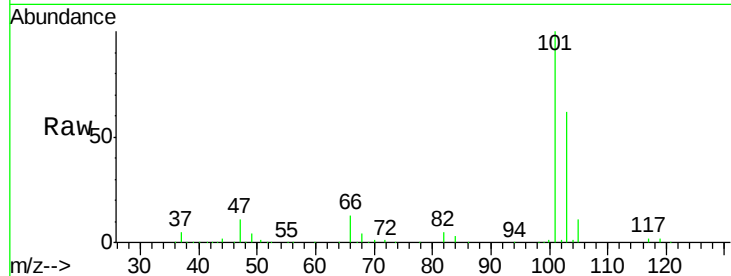
Trichlorofluoromethane
 Concen: 44.56 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.2	76.8

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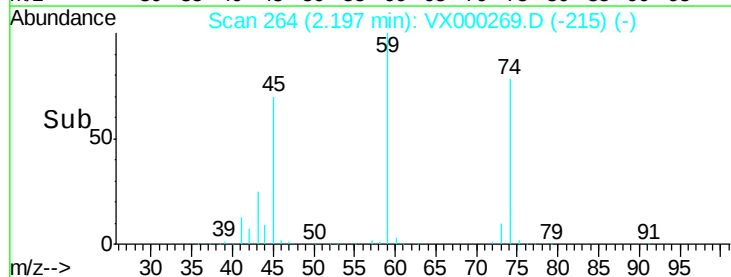
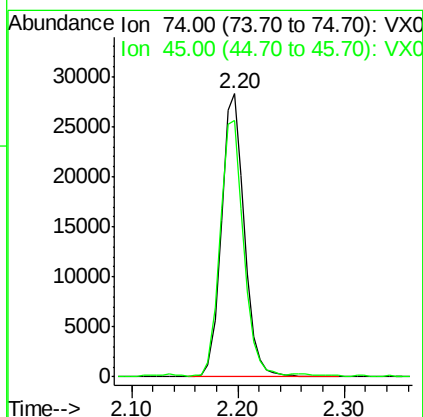
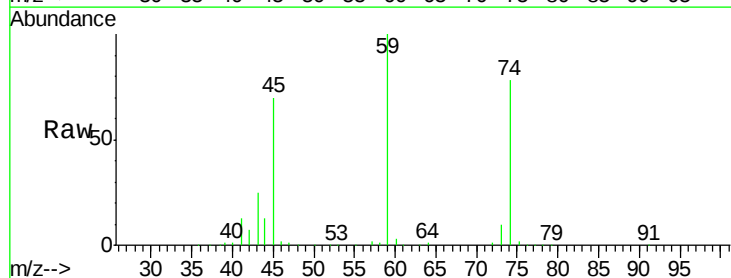
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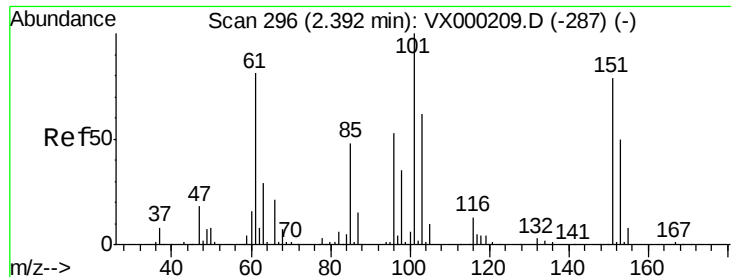


#8

Diethyl Ether
 Concen: 41.06 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	47.2	141.6





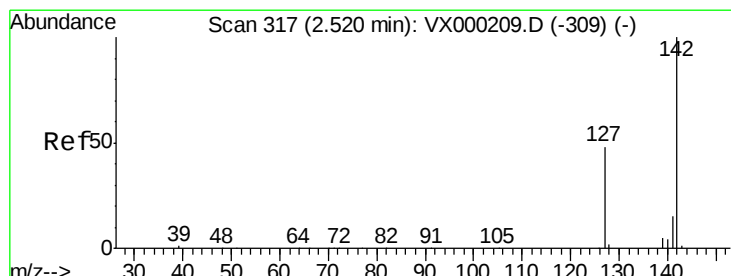
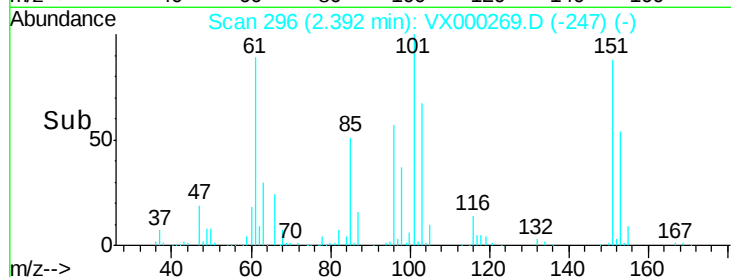
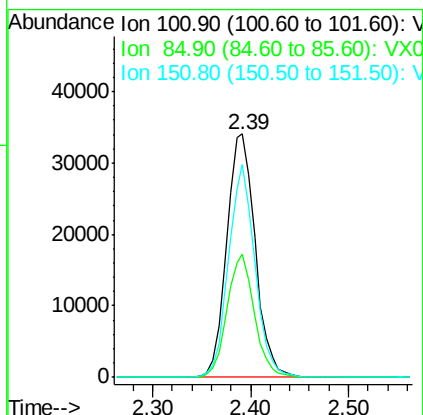
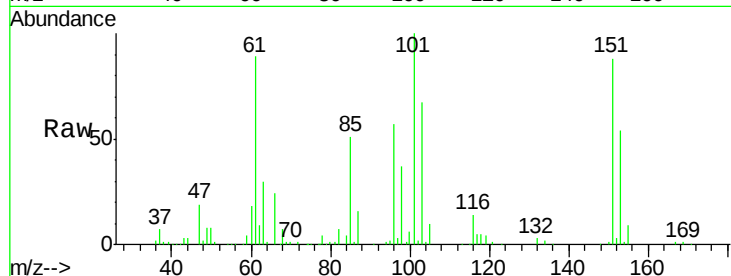
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.75 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	48.1	38.3	57.5
151	81.1	62.8	94.2

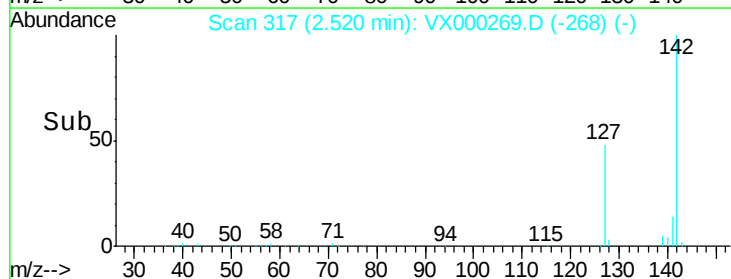
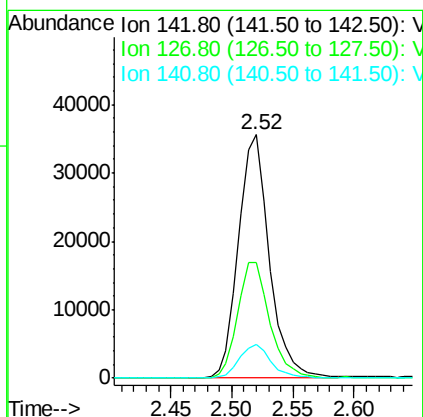
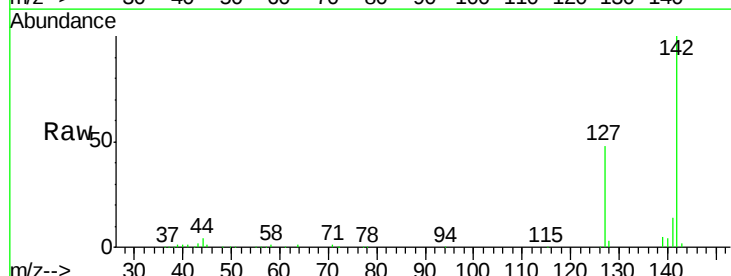
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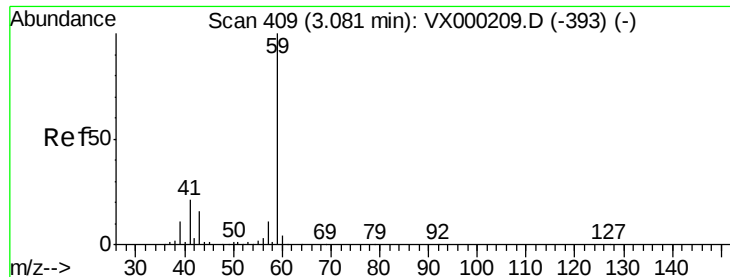
apatel
3/13/2018 10:58:27 AM



#10
Methyl Iodide
Concen: 38.63 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.2	39.0	58.6
141	14.3	11.6	17.4





#11

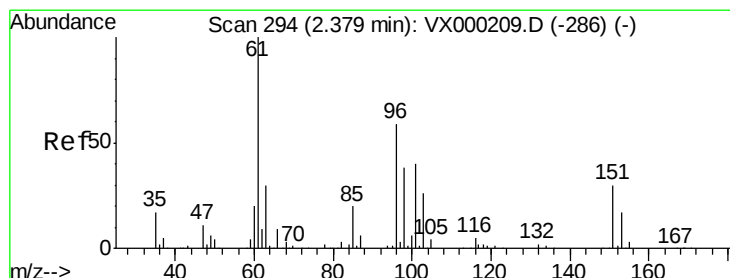
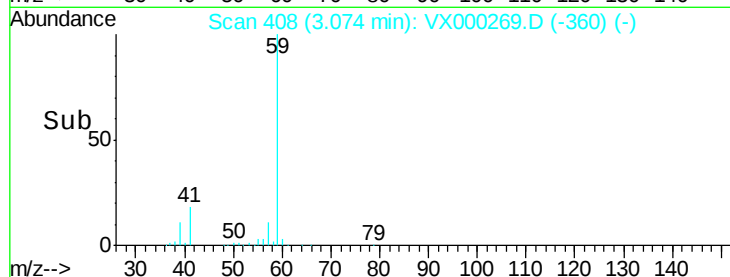
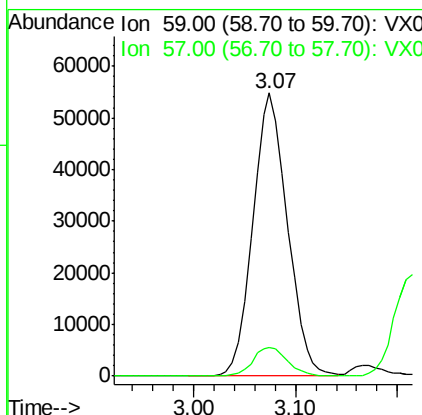
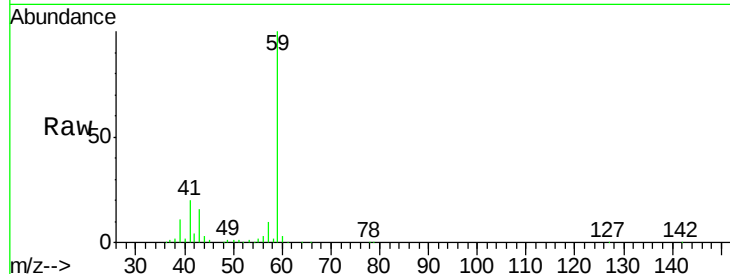
Tert butyl alcohol
Concen: 185.32 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

Manual Integrations
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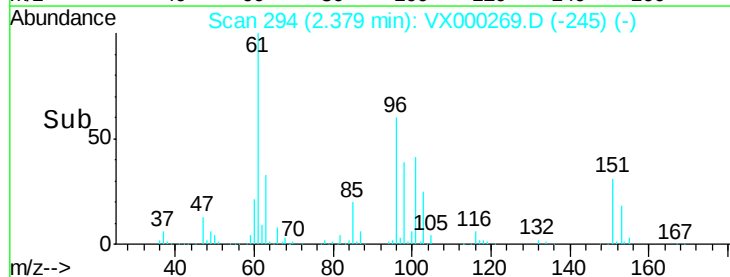
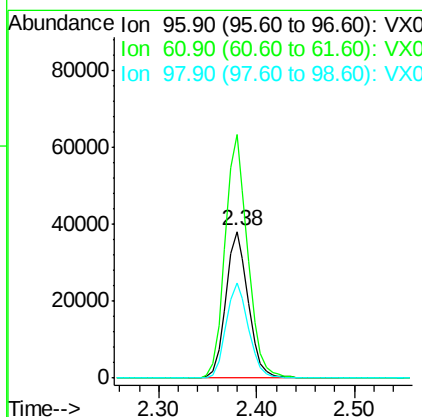
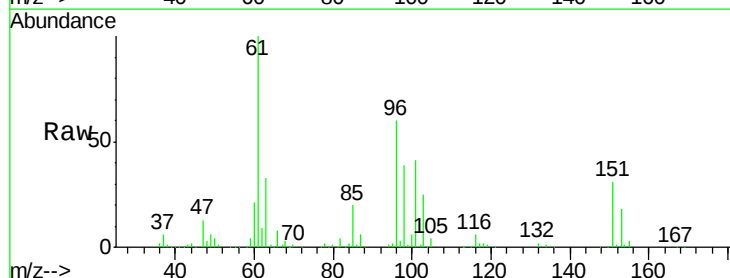
apatel
3/13/2018 10:58:27 AM

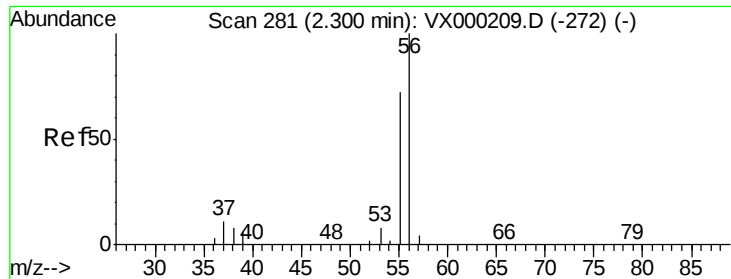


#12

1,1-Dichloroethene
Concen: 42.00 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	135.8	203.6
98	64.6	51.1	76.7





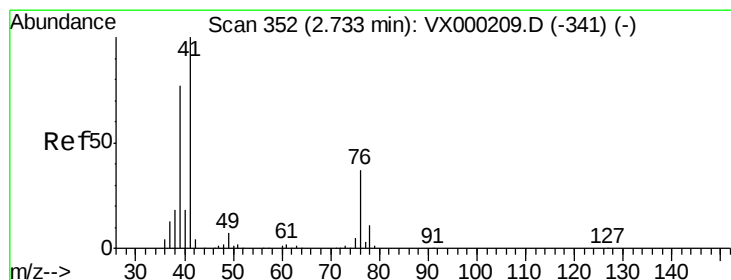
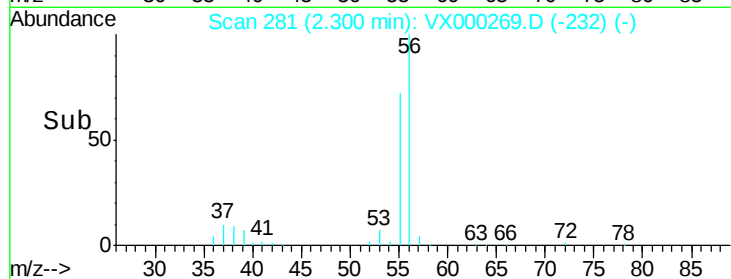
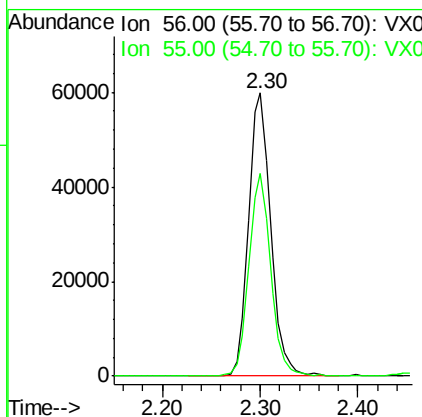
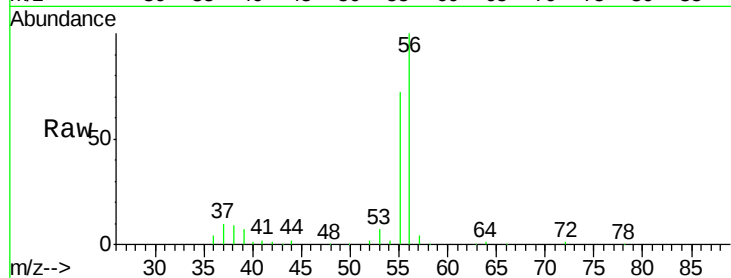
#13
 Acrolein
 Concen: 257.34 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 56 Resp: 94257
 Ion Ratio Lower Upper
 56 100
 55 70.1 59.2 88.8

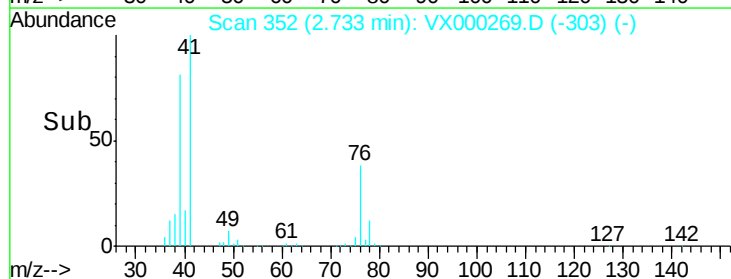
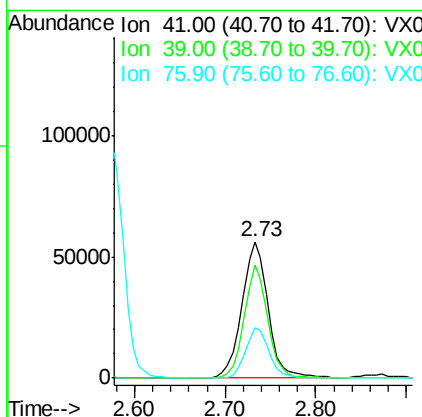
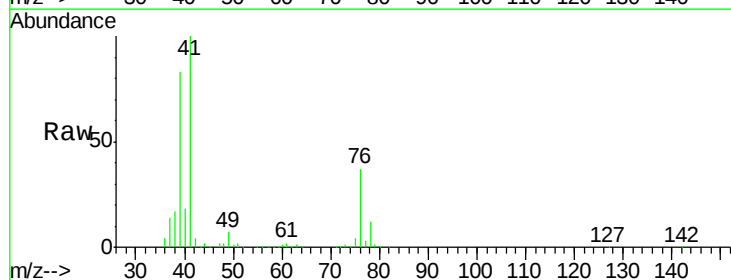
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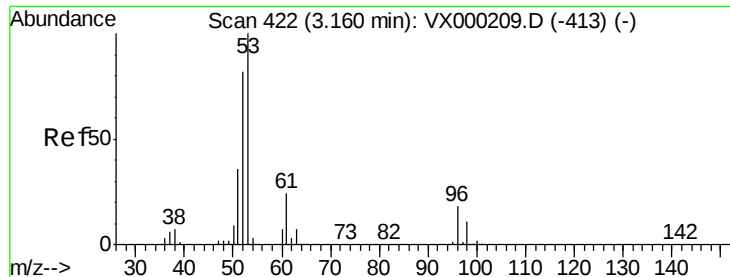
apatel
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#14
 Allyl chloride
 Concen: 41.95 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion: 41 Resp: 111799
 Ion Ratio Lower Upper
 41 100
 39 73.8 57.0 85.6
 76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 203.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

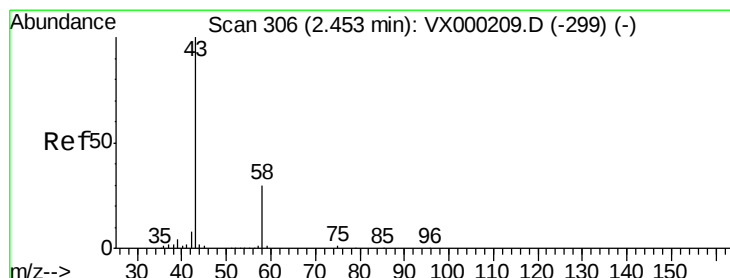
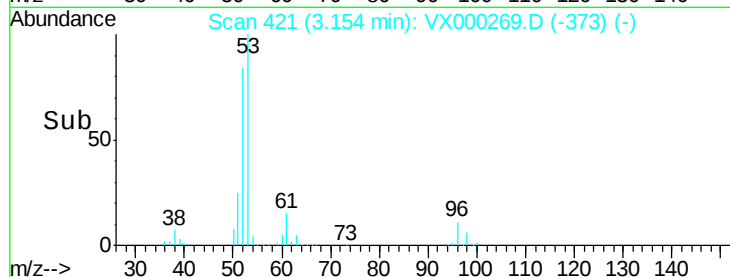
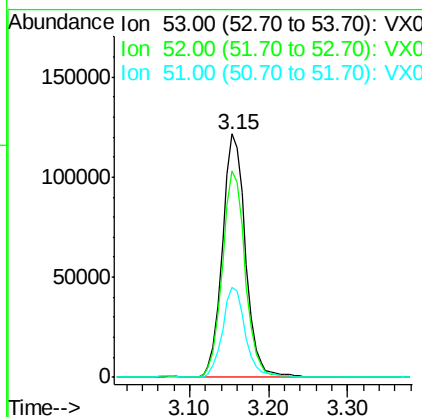
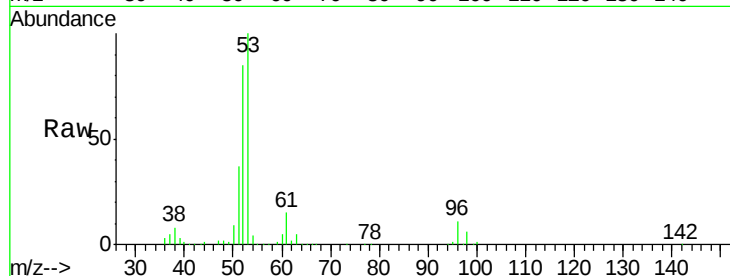
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	246832
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.3	99.5
51	36.6	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 229.68 ug/l

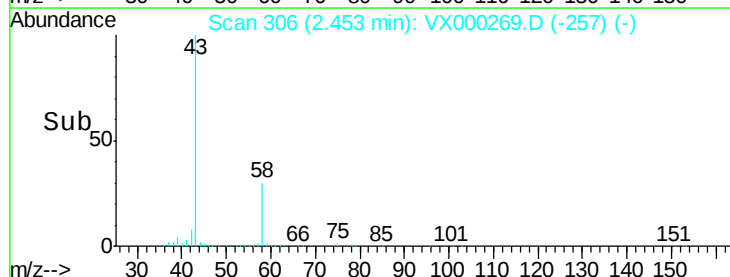
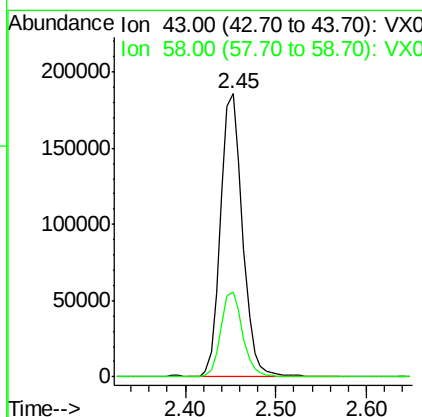
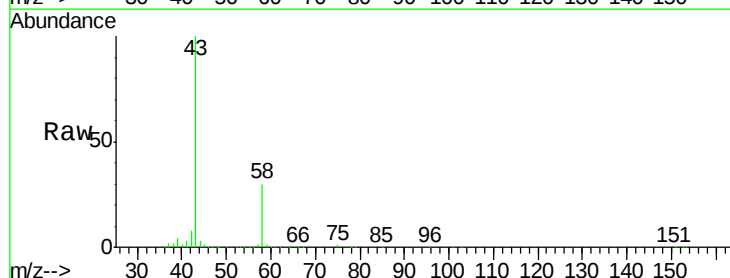
RT: 2.45 min Scan# 306

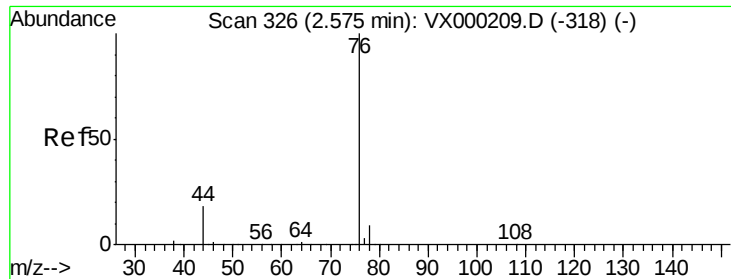
Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Tgt Ion:	43	Resp:	312731
Ion Ratio		Lower	Upper
43	100		
58	29.9	23.8	35.6





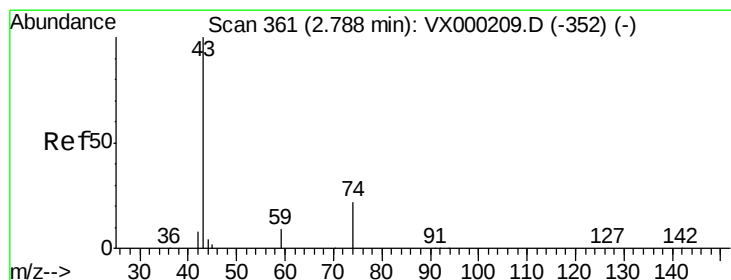
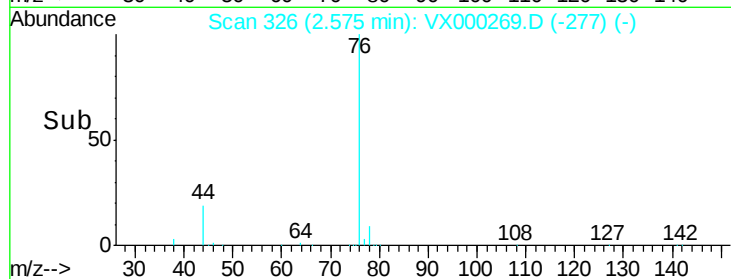
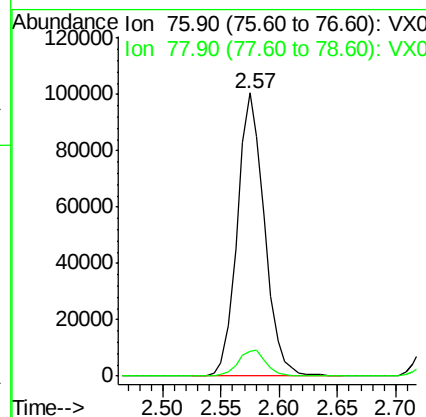
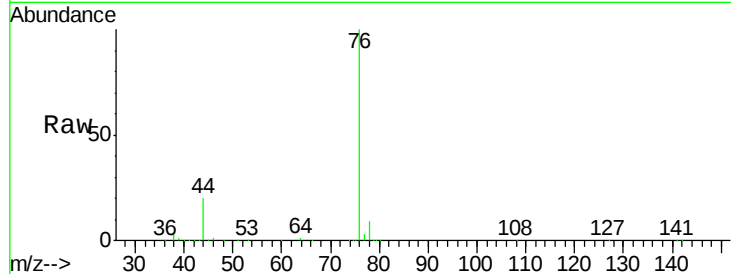
#17
Carbon Disulfide
Concen: 41.32 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	8.6	7.0	10.6	

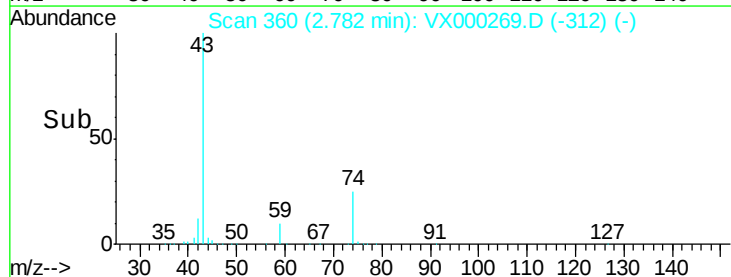
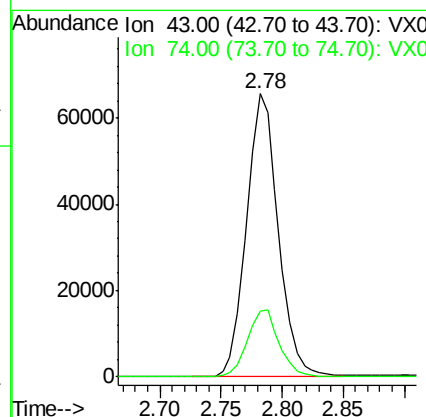
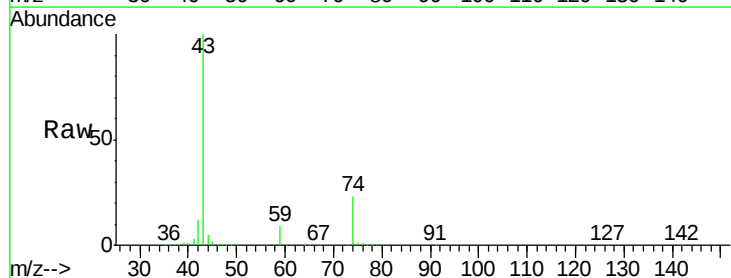
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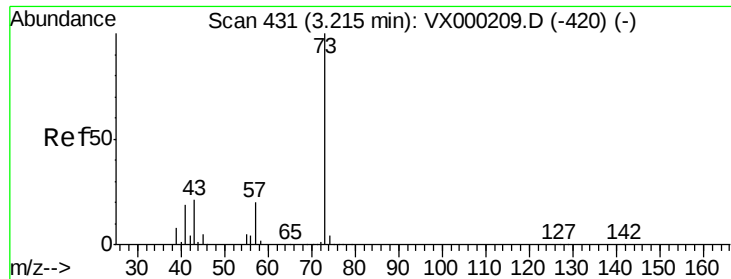
apatel
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#18
Methyl Acetate
Concen: 40.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	24.0	18.9	28.3	





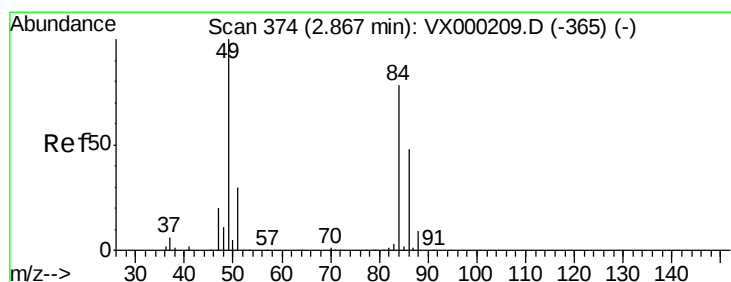
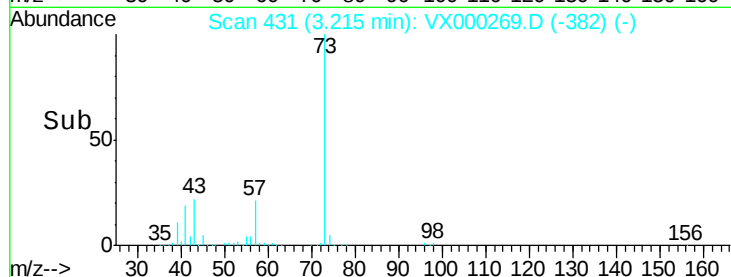
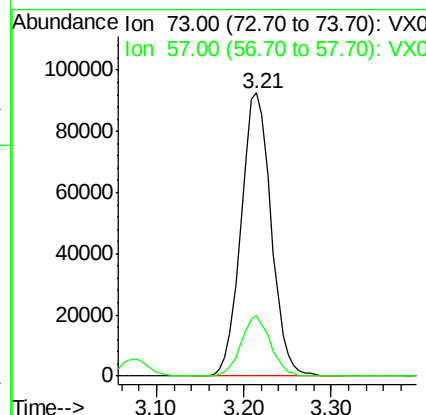
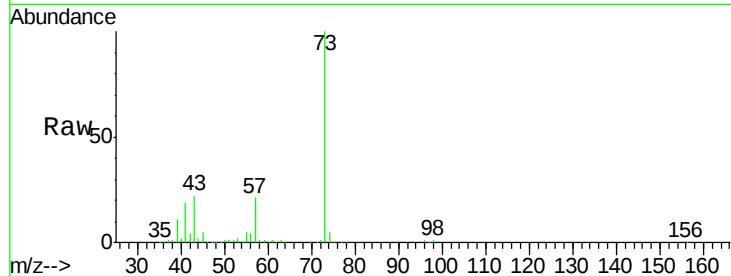
#19
Methvl tert-butvl Ether
Concen: 43.07 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.3	24.5

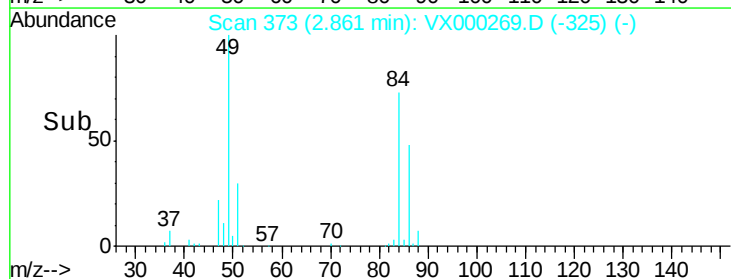
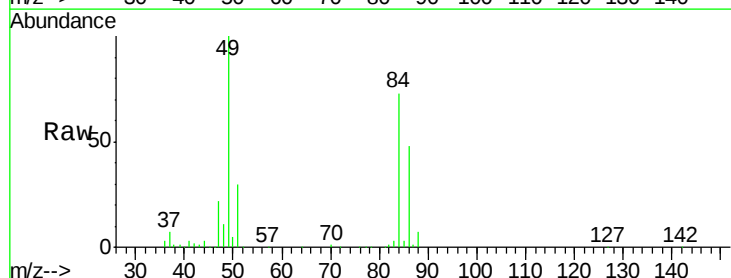
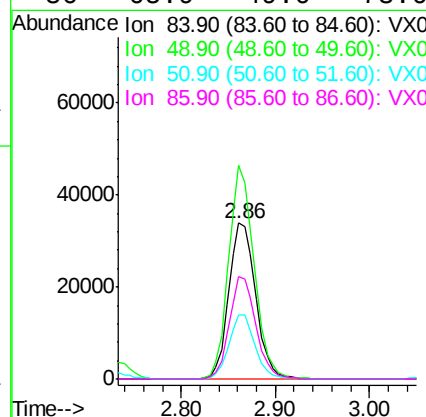
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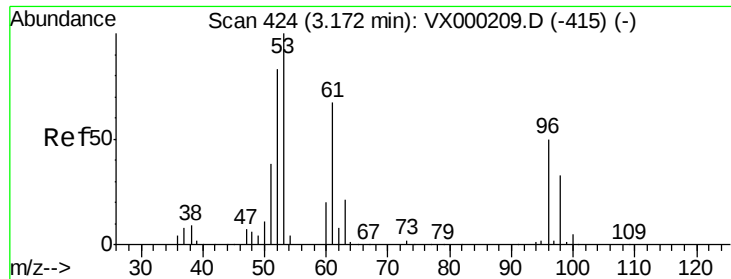
apatel
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#20
Methylene Chloride
Concen: 41.39 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.0	102.1	153.1
51	41.3	30.6	45.8
86	65.9	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 43.31 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 68710

Ion Ratio Lower Upper

96 100

61 131.8 107.0 160.4

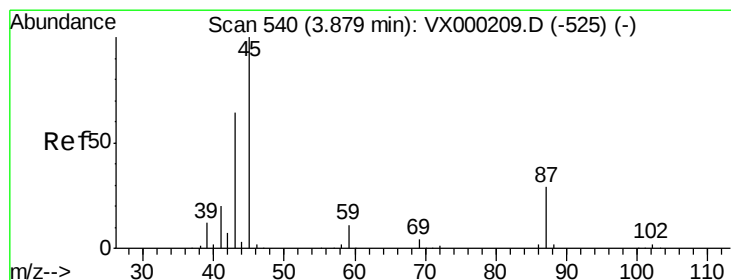
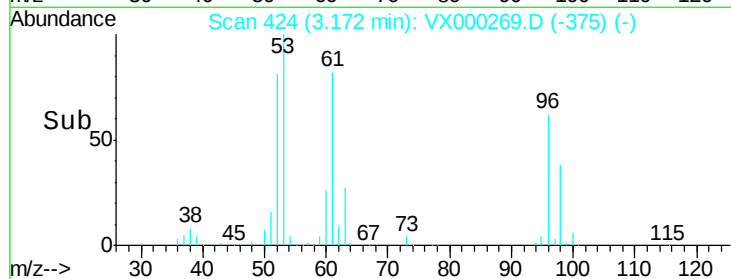
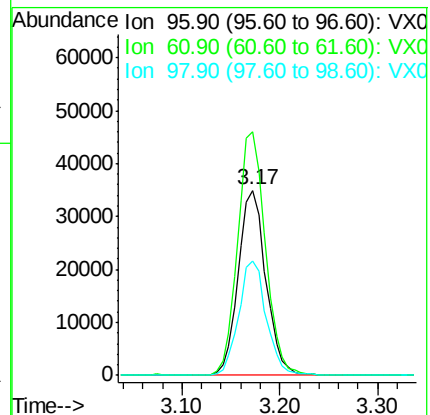
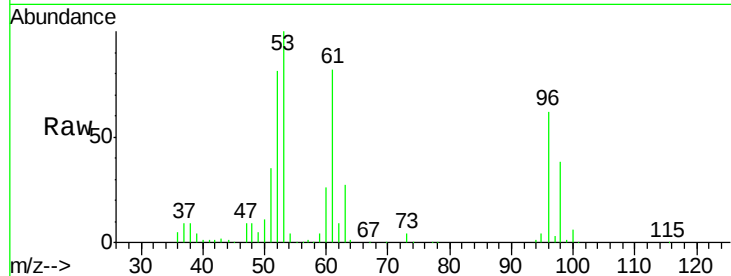
98 61.8 51.8 77.8

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#22

Diisopropyl ether

Concen: 42.56 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Tgt Ion: 45 Resp: 194758

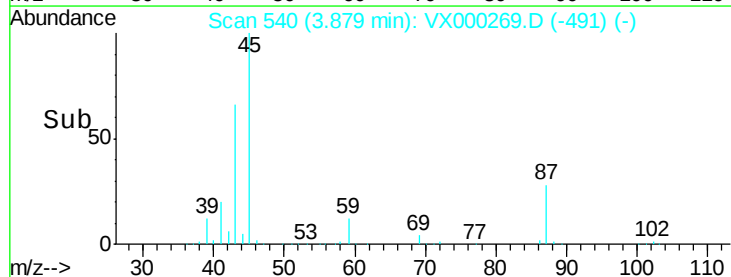
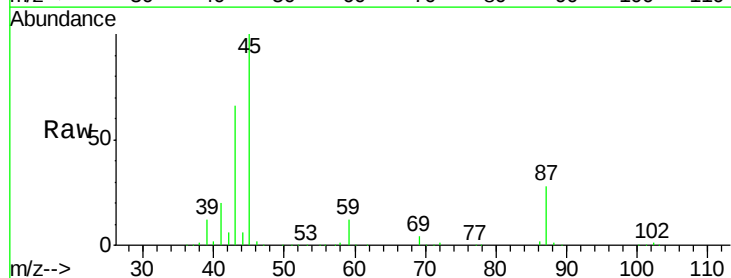
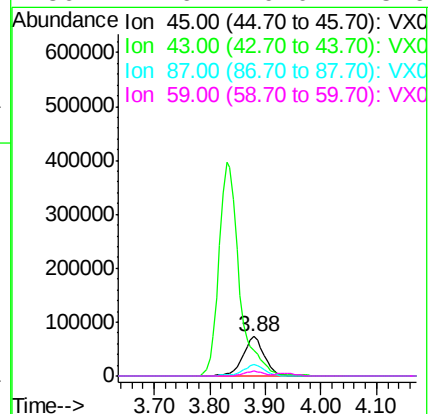
Ion Ratio Lower Upper

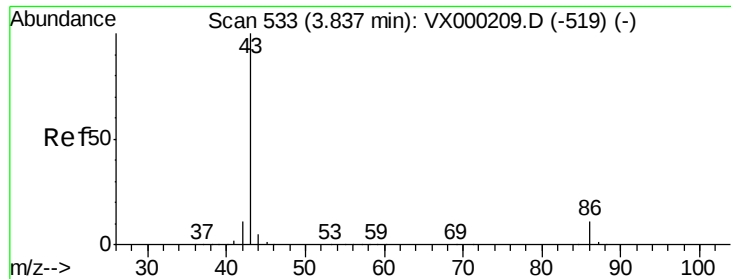
45 100

43 65.4 53.5 80.3

87 28.0 23.3 34.9

59 11.6 9.0 13.6





#23

Vinyl Acetate

Concen: 230.07 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1014699

Ion Ratio Lower Upper

43 100

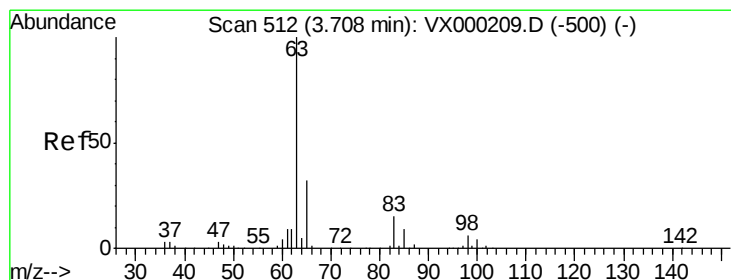
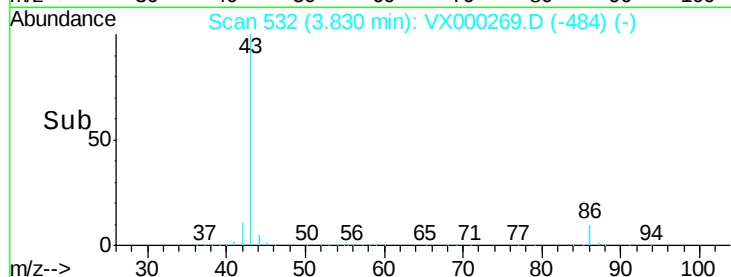
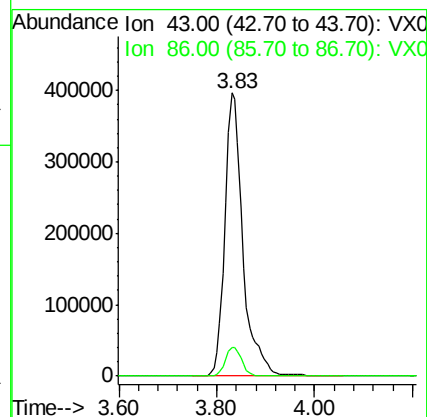
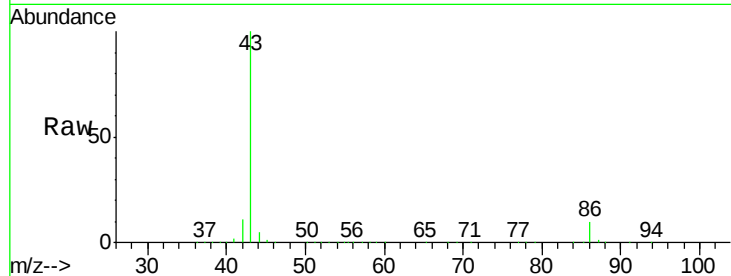
86 10.2 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 42.77 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

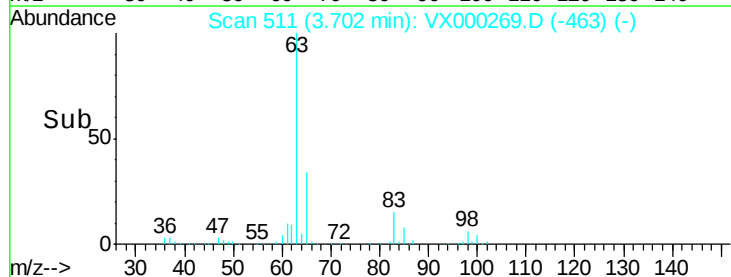
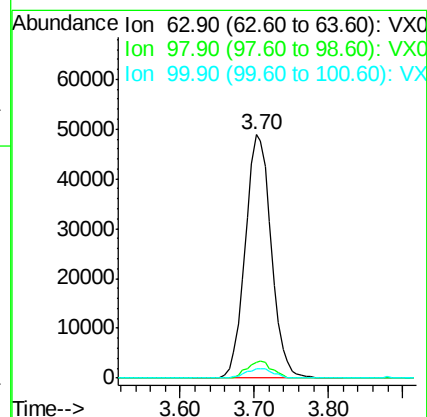
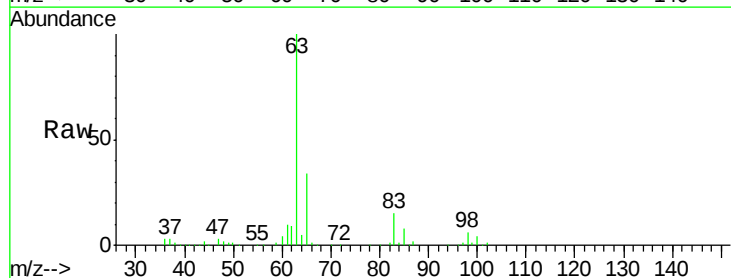
Tgt Ion: 63 Resp: 119982

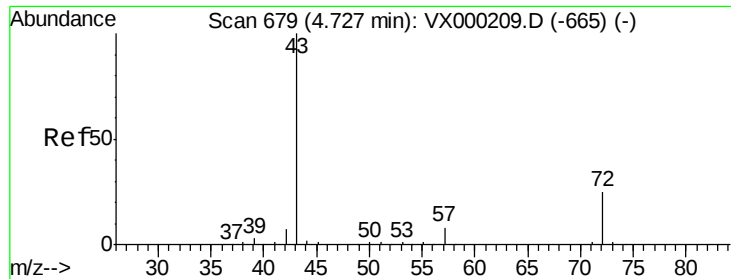
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 209.11 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 351378

Ion Ratio Lower Upper

43 100

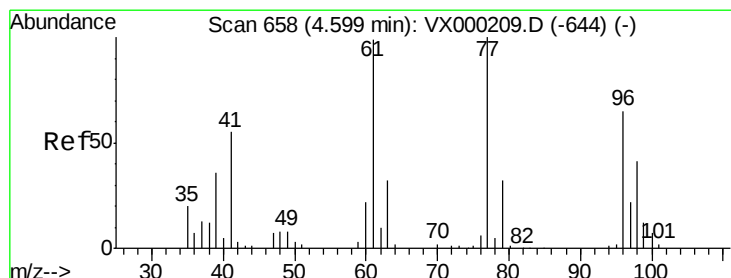
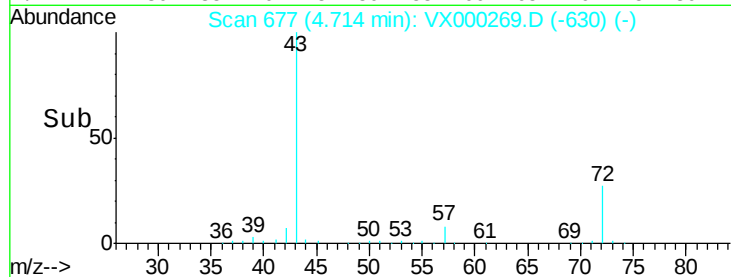
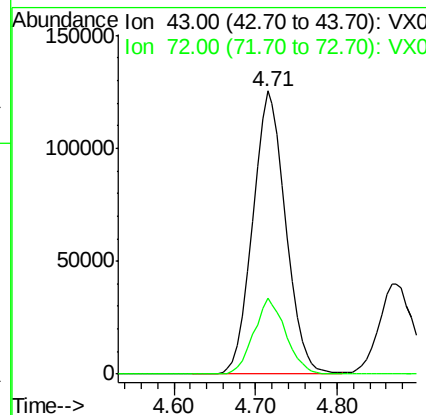
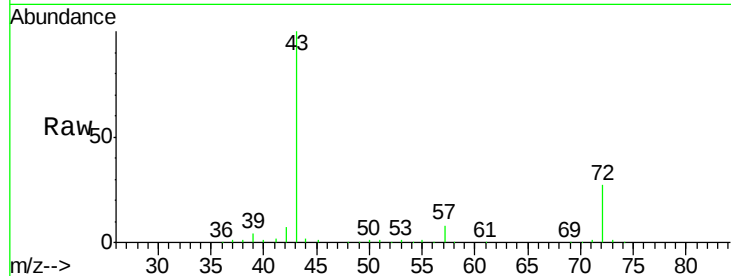
72 26.6 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.50 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000269.D

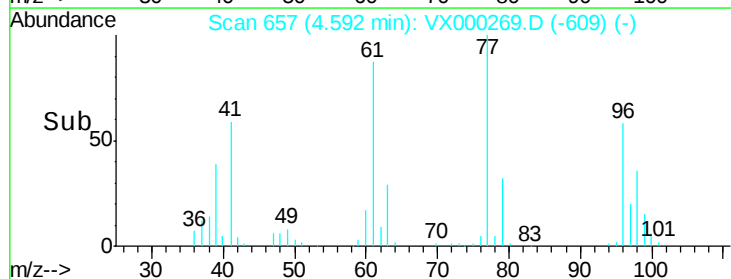
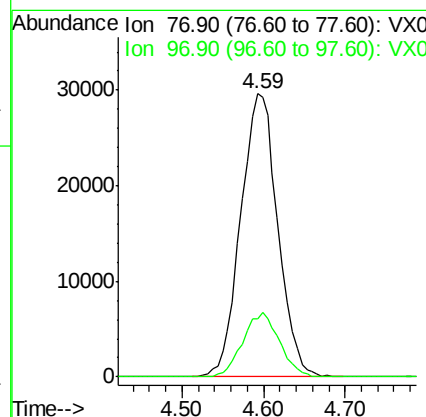
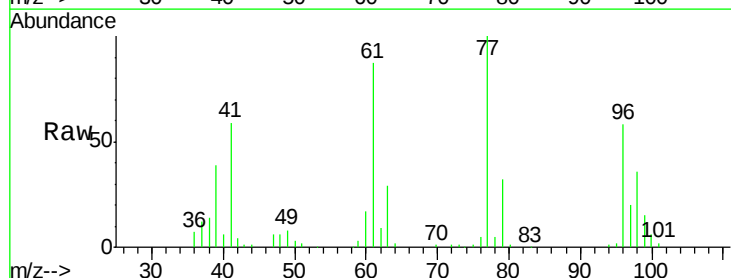
Acq: 12 Mar 2018 10:15

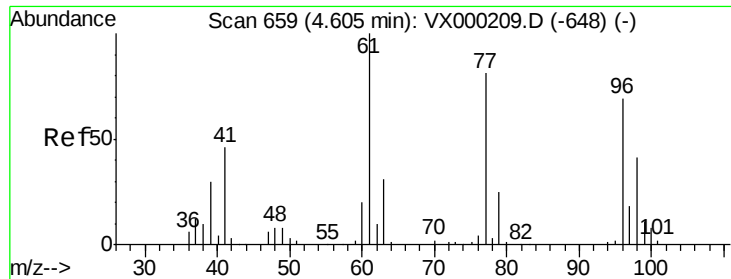
Tgt Ion: 77 Resp: 93297

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

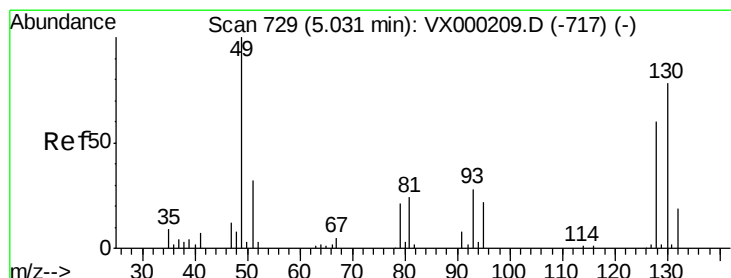
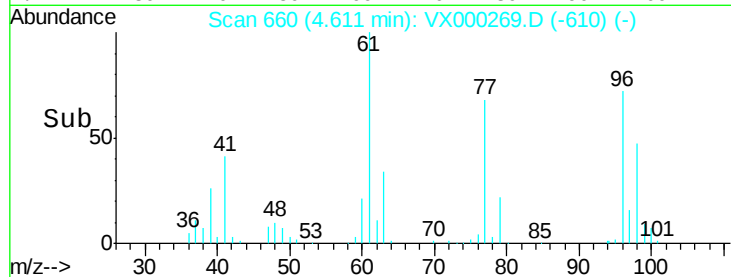
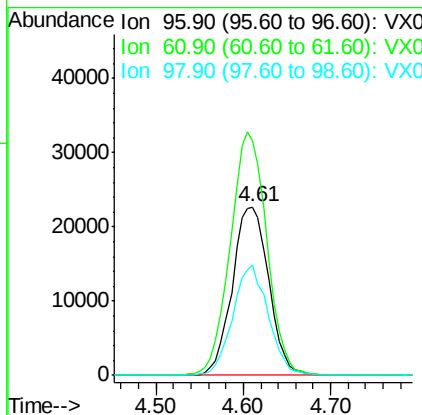
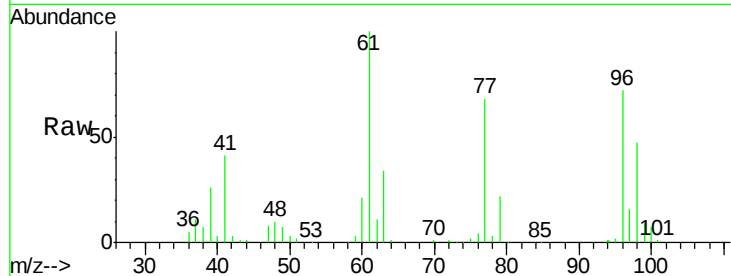
cis-1,2-Dichloroethene
Concen: 43.68 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	65710		
61	144.6		0.0	296.4
98	63.5		0.0	130.6

Manual Integrations
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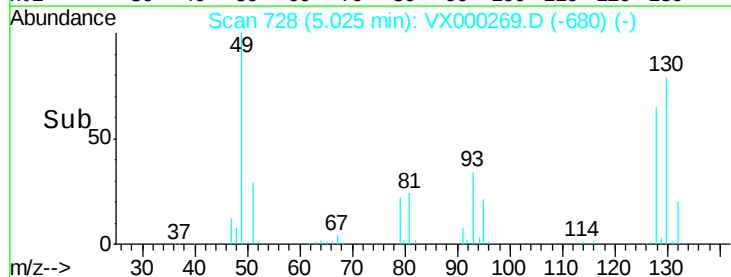
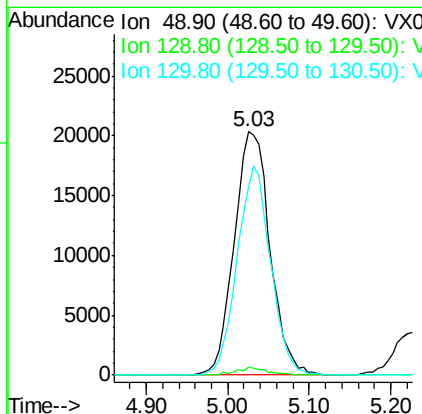
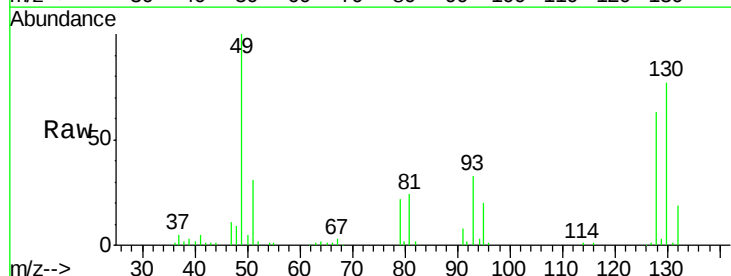
apatel
3/13/2018 10:58:27 AM

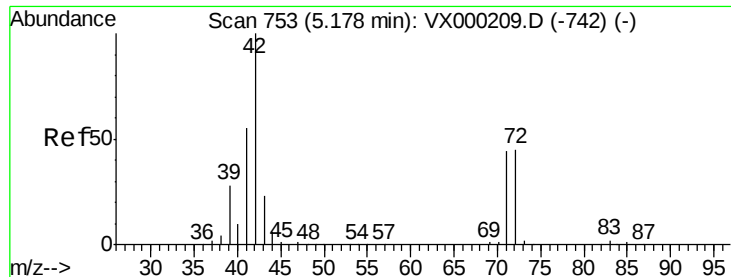


#28

Bromochloromethane
Concen: 51.91 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	61887		
129	2.6		0.0	5.0
130	80.3		63.5	95.3





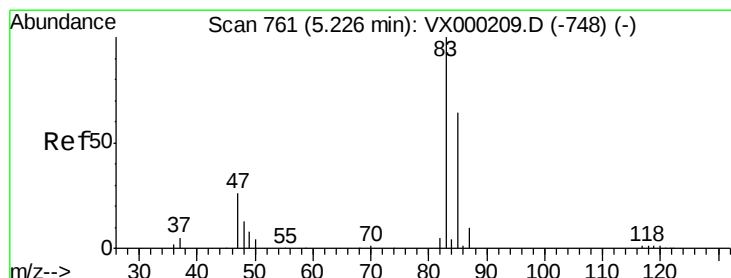
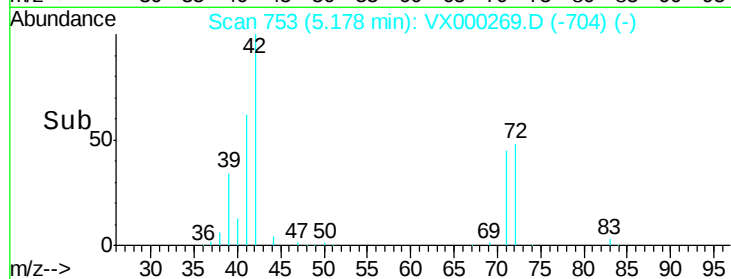
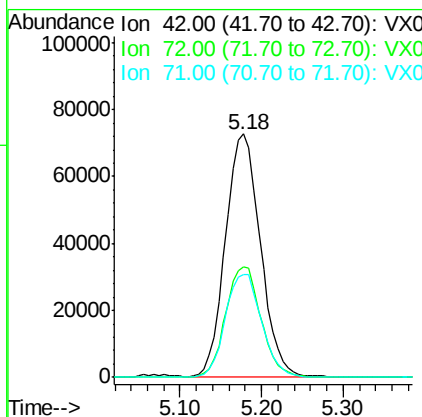
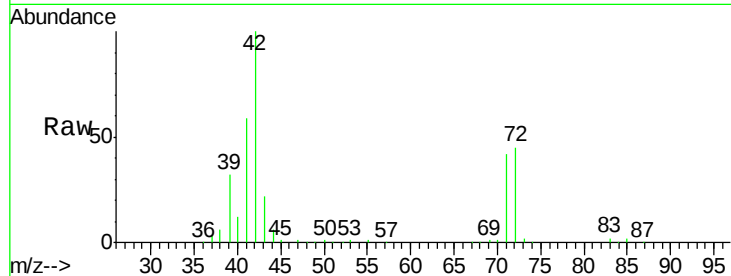
#29
Tetrahydrofuran
Concen: 204.38 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.3	55.9
71	43.8	35.0	52.4

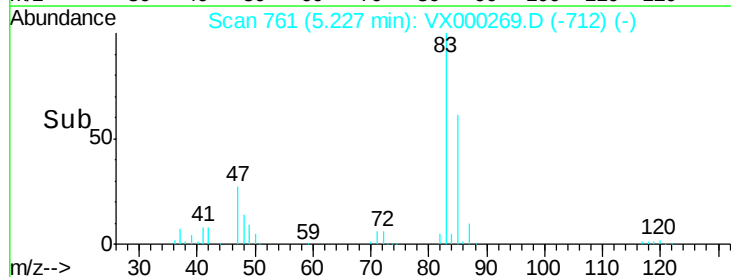
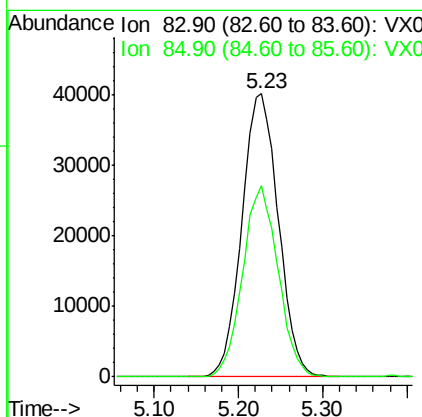
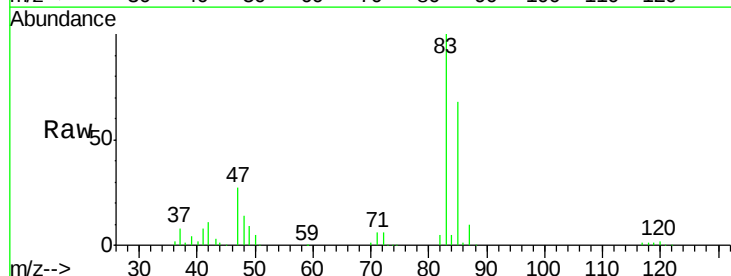
Manual Integrations
APPROVED

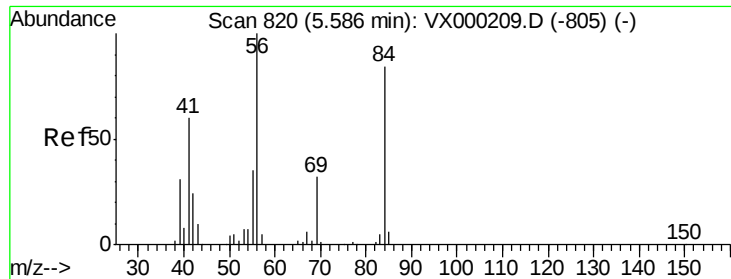
apatel
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#30
Chloroform
Concen: 43.39 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.0	76.6





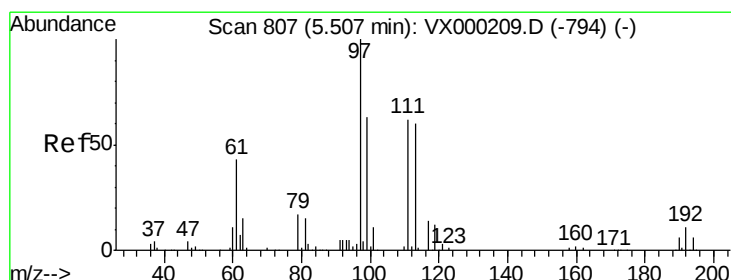
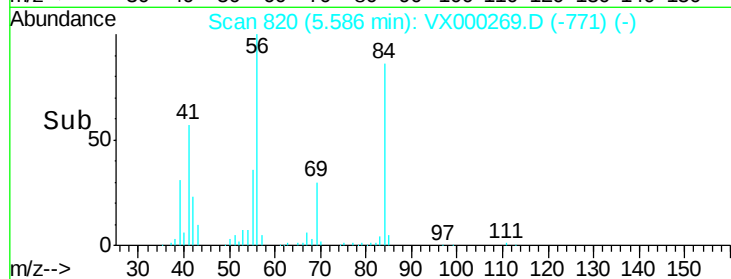
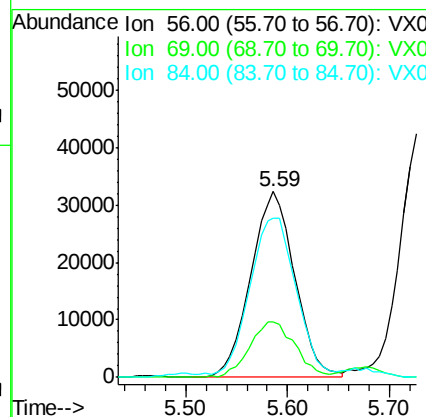
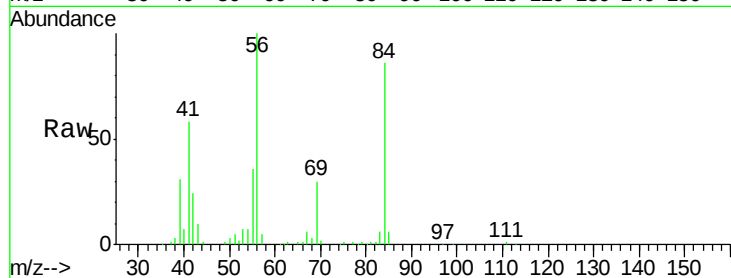
#31
Cyclohexane
Concen: 46.44 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.3	37.9
84	84.2	67.2	100.8

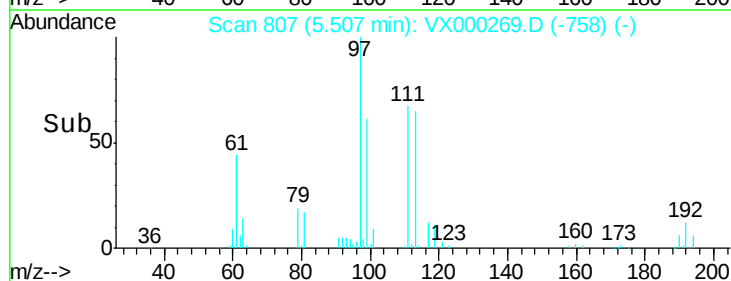
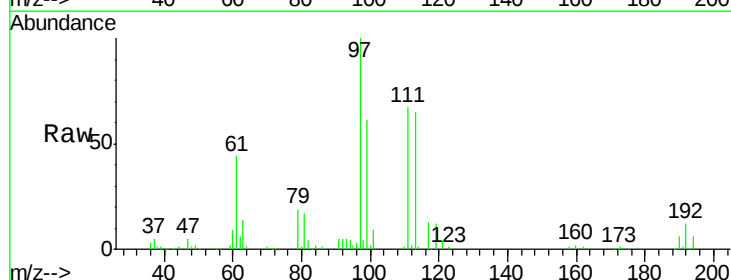
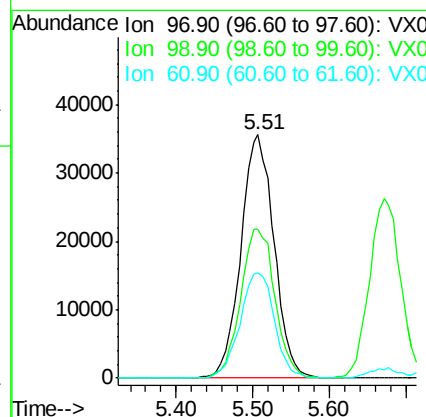
Manual Integrations
APPROVED

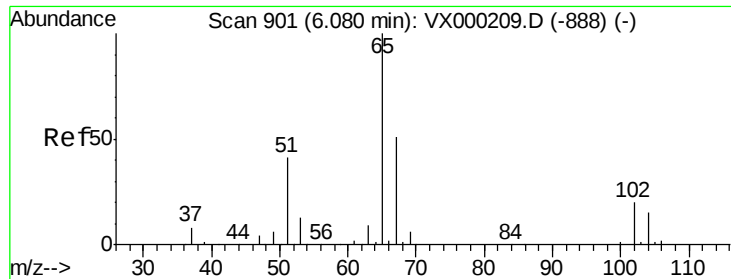
apatel
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#32
1,1,1-Trichloroethane
Concen: 45.55 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	44.7	35.4	53.0





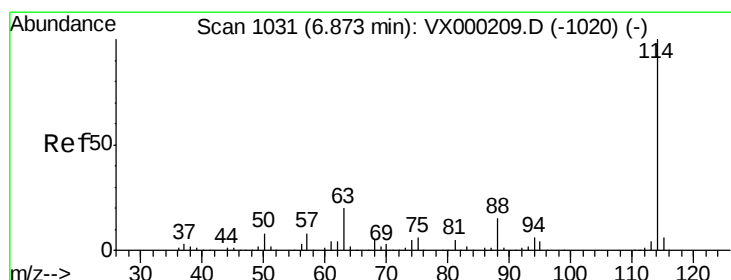
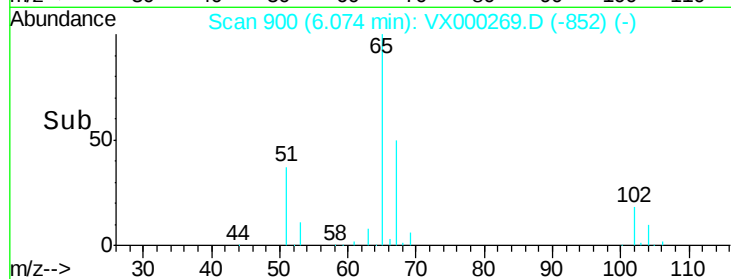
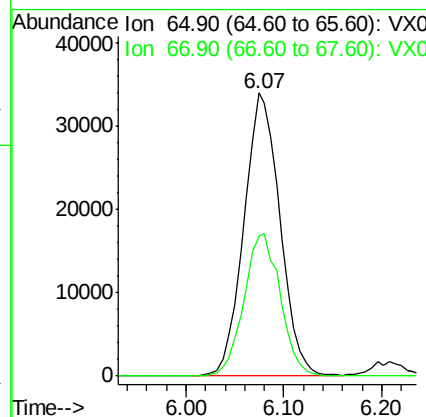
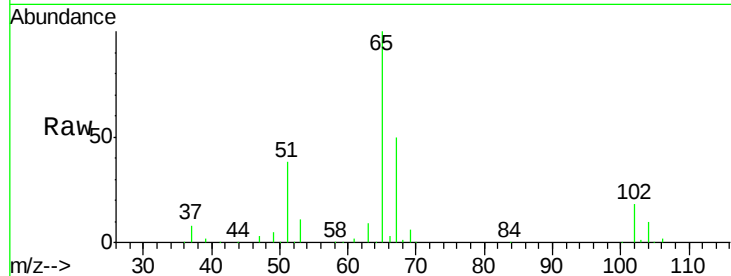
#33
 1,2-Dichloroethane-d4
 Concen: 46.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	87259		
67	50.8	0.0	103.4	

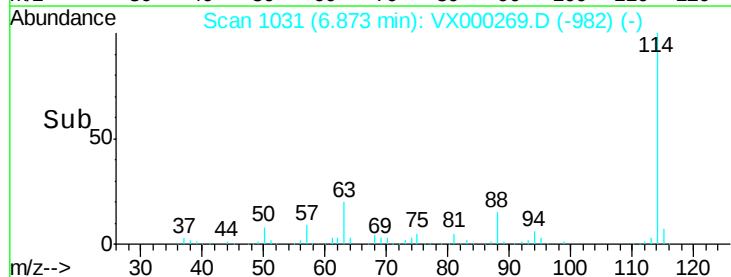
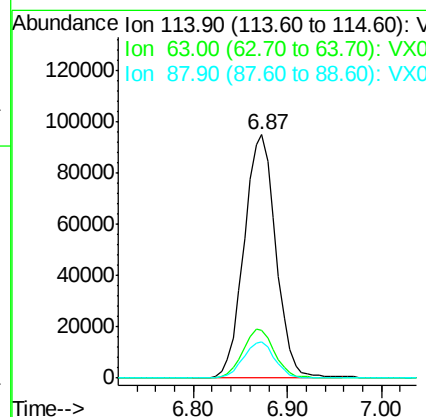
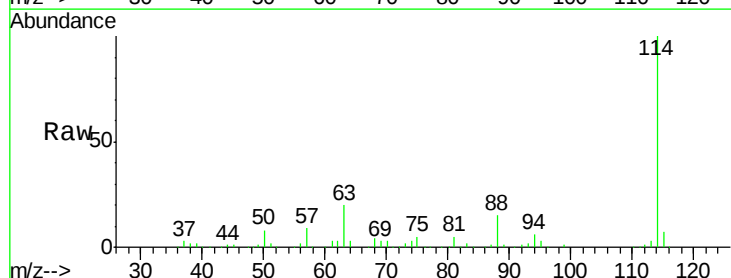
Manual Integrations
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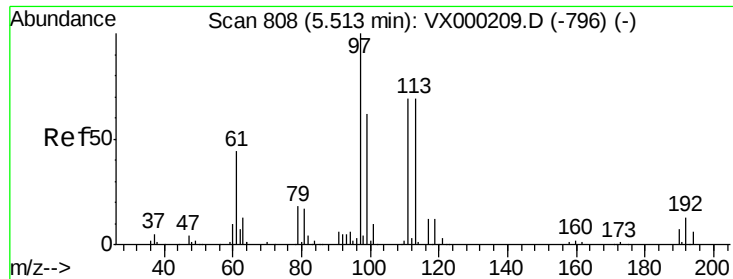
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	224292		
63	19.8	0.0	39.2	
88	14.8	0.0	29.8	





#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

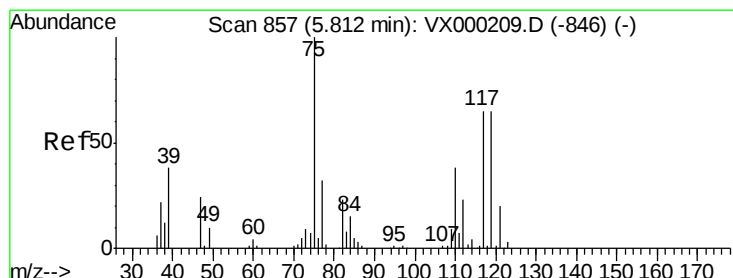
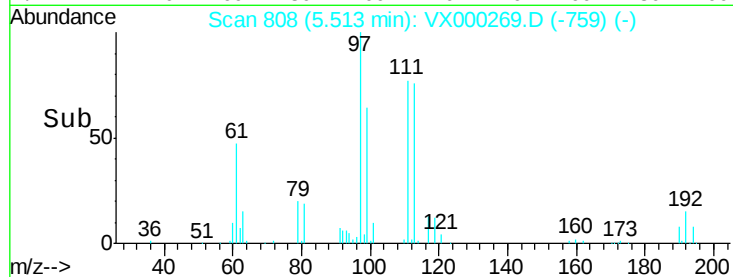
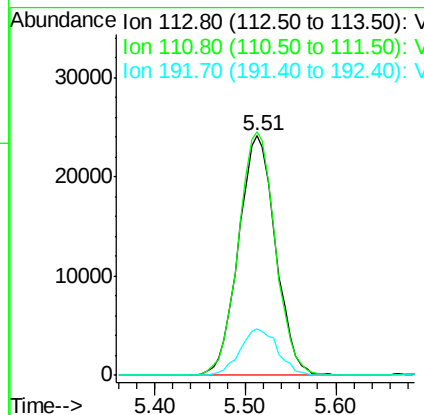
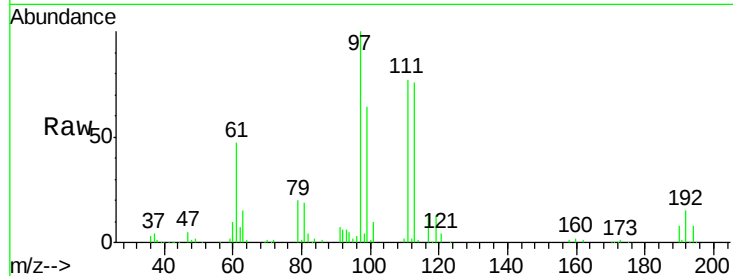
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	19.6	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.49 ug/l

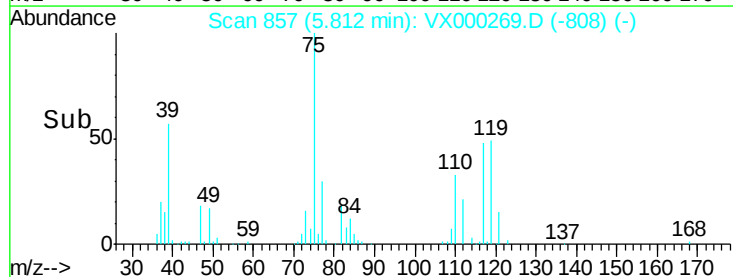
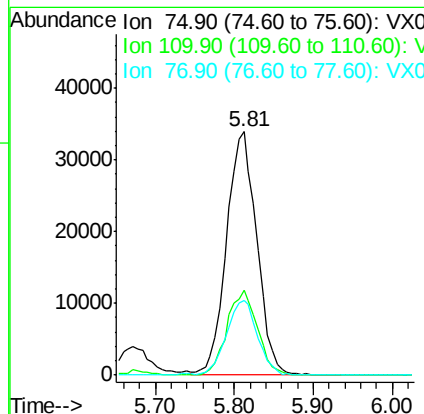
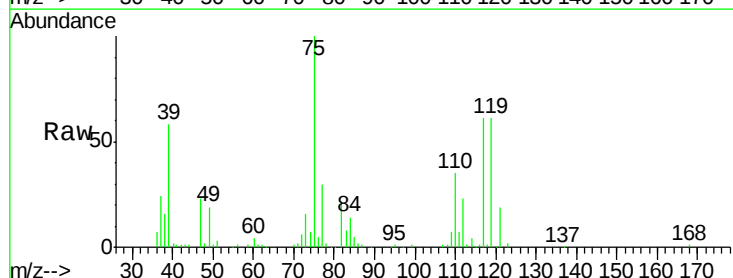
RT: 5.81 min Scan# 857

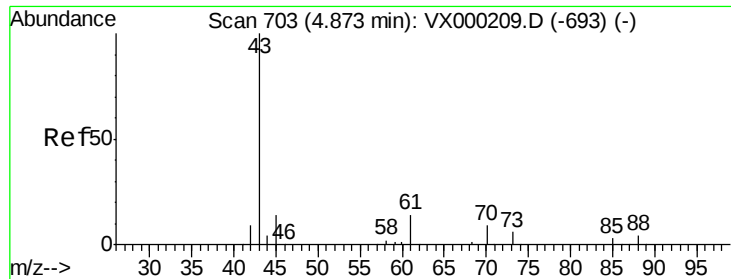
Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.8	53.5
77	31.6	24.9	37.3





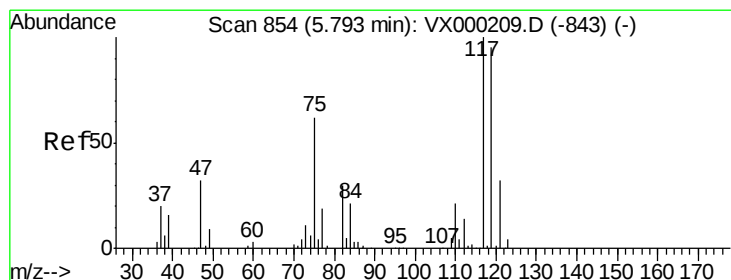
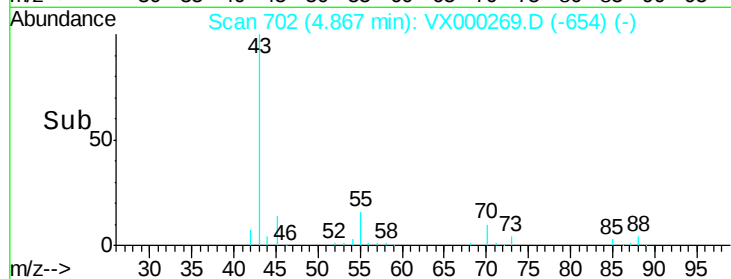
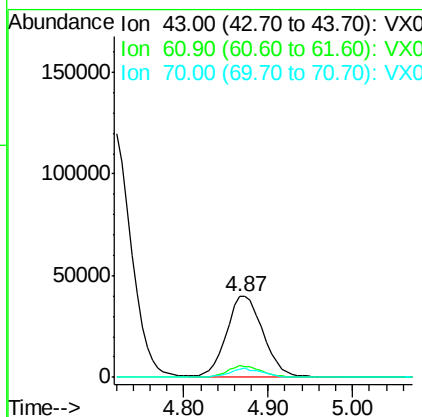
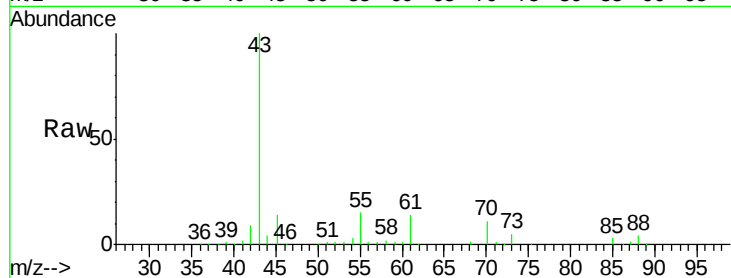
#37
Ethyl Acetate
Concen: 40.74 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.0	7.8	11.6

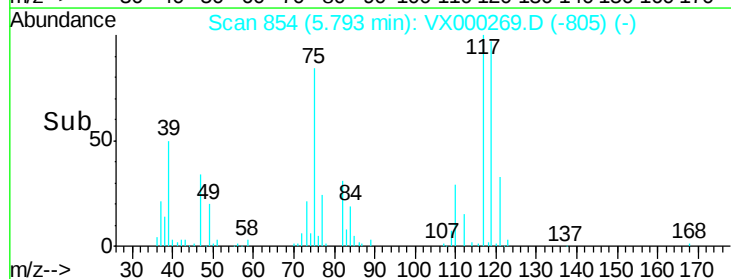
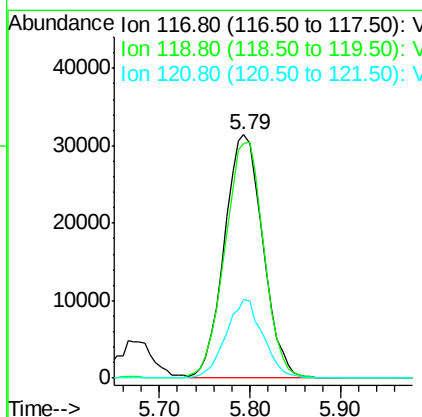
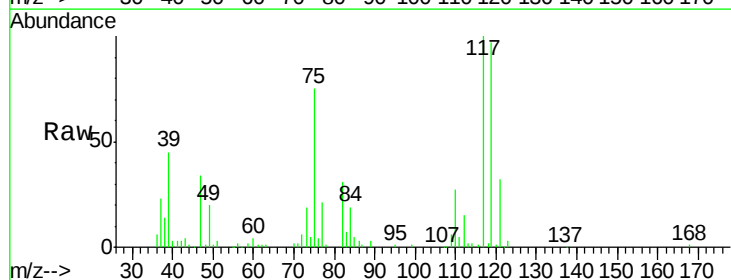
Manual Integrations
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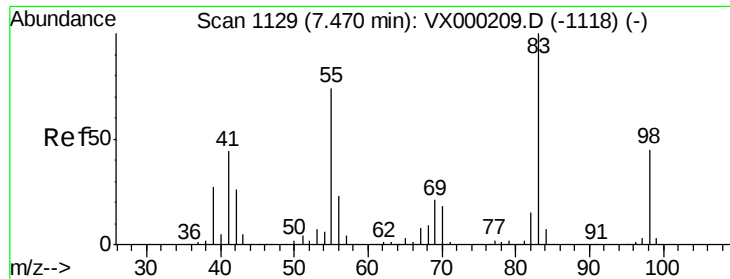
apatel
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#38
Carbon Tetrachloride
Concen: 46.00 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.9	113.9
121	32.5	25.8	38.6





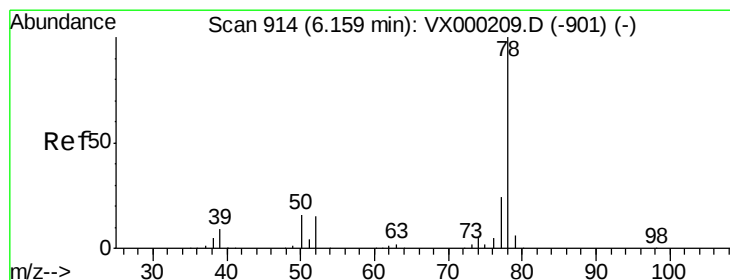
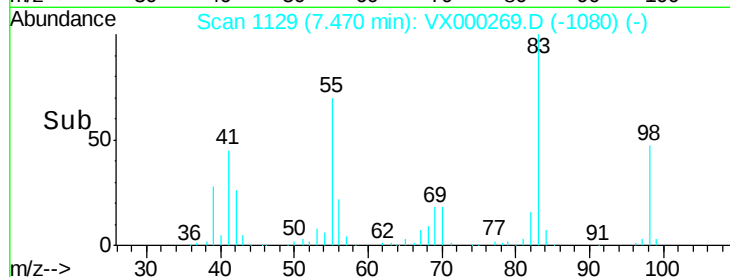
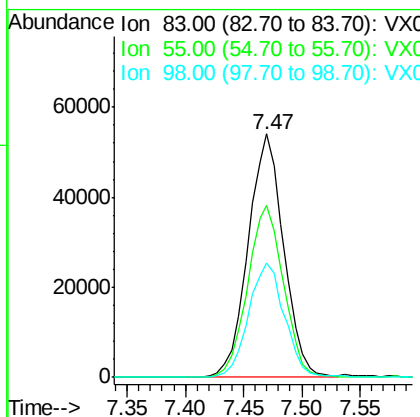
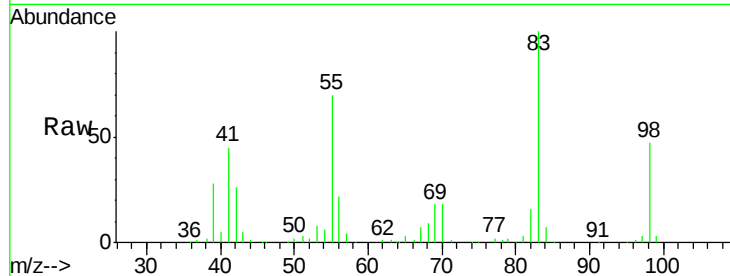
#39
Methylvlcvclohexane
Concen: 46.76 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	114502
Ion Ratio	100	Lower	Upper
83	100		
55	70.4	59.4	89.0
98	46.8	36.3	54.5

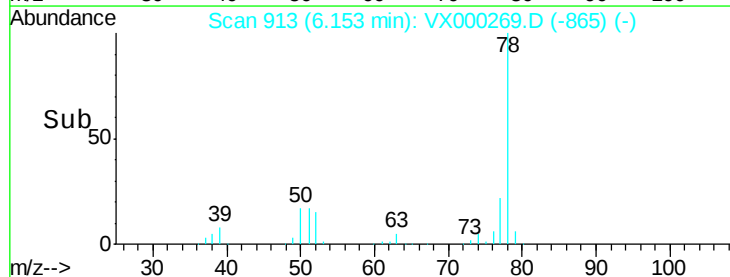
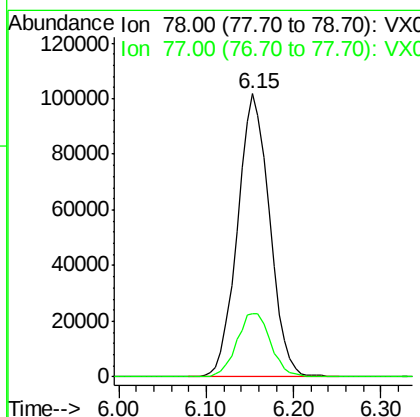
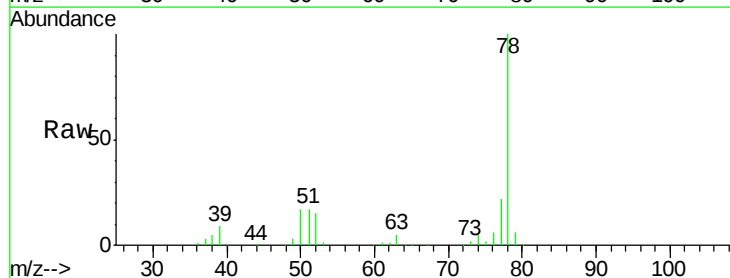
Manual Integrations
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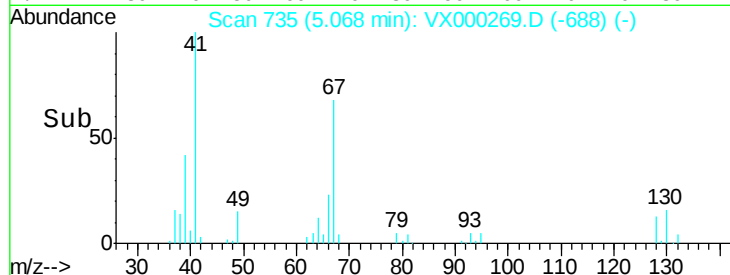
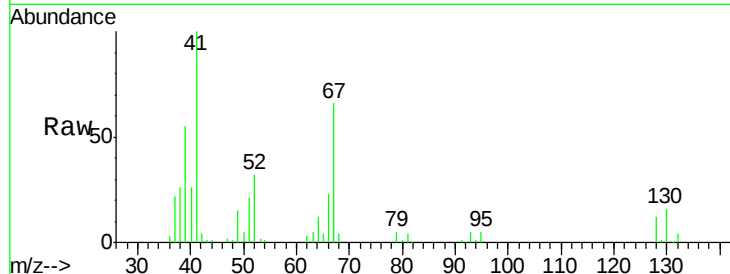
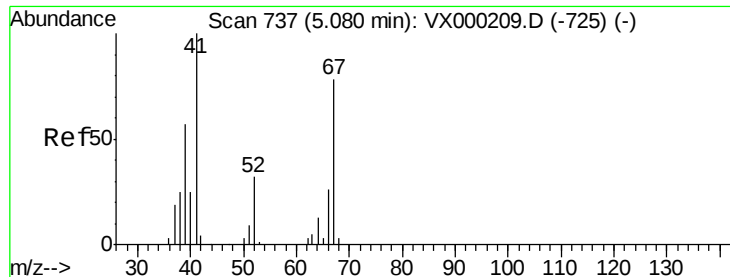
apatel
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#40
Benzene
Concen: 45.10 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	78	Resp	259579
Ion Ratio	100	Lower	Upper
78	100		
77	22.4	19.4	29.2





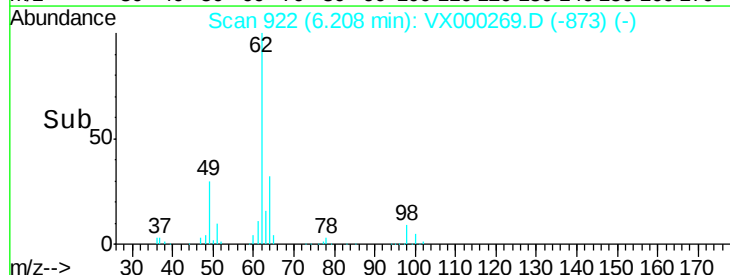
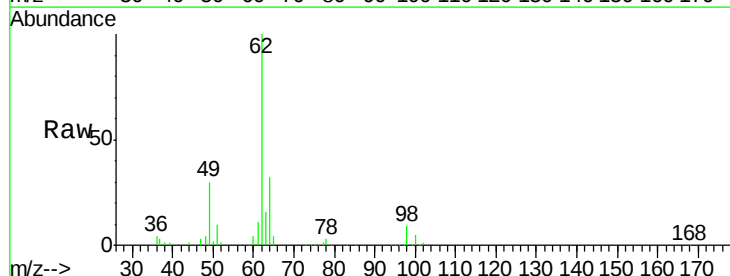
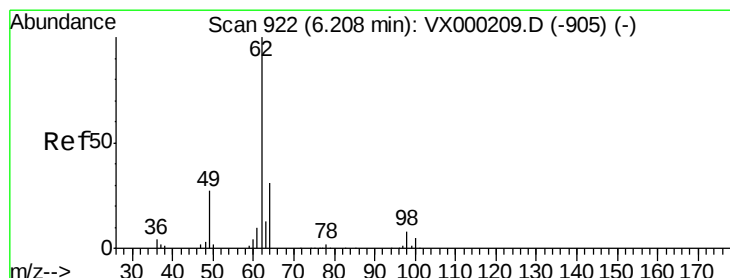
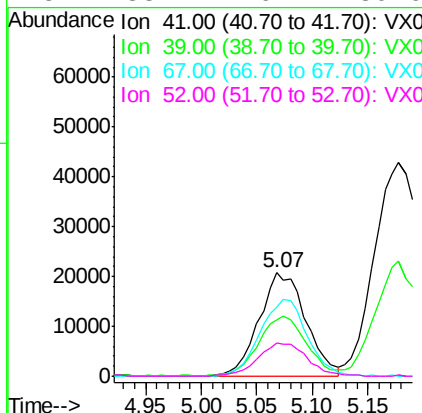
#41
Methacrylonitrile
Concen: 41.38 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		60830		
39	59.7	47.8	71.6		
67	75.2	59.3	88.9		
52	33.7	26.4	39.6		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

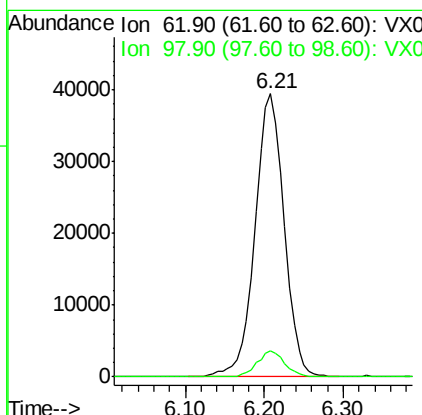
Manual Integrations
APPROVED

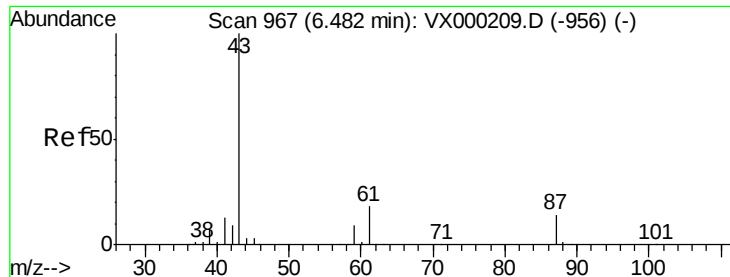
apatel
3/13/2018 10:58:27 AM



#42
1,2-Dichloroethane
Concen: 44.90 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		101374		
98	8.6	0.0	16.2		





#43

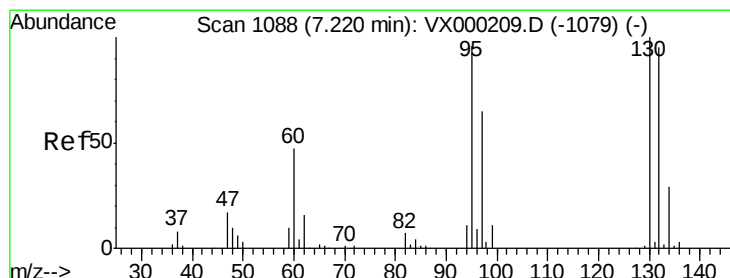
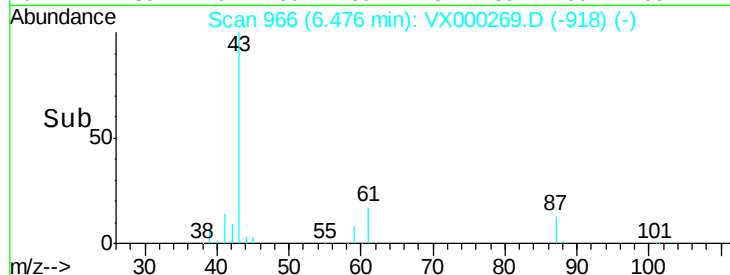
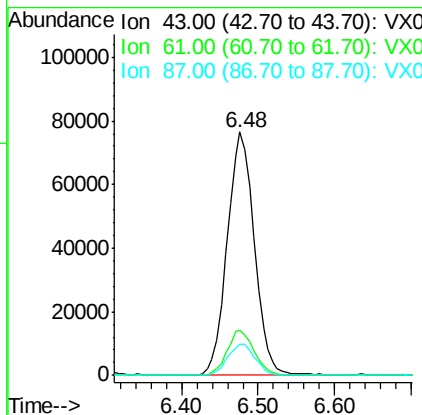
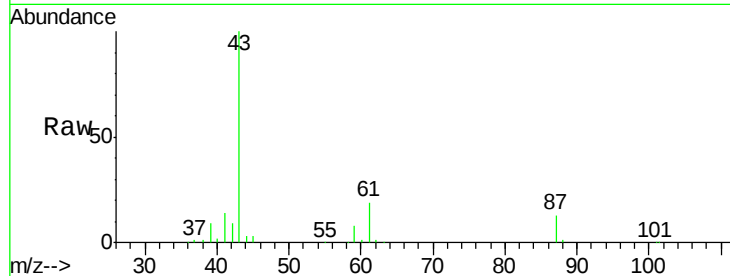
Isopropyl Acetate
 Concen: 45.12 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	61	87
Resp	188153		
Ratio	100	18.4	13.1
Lower		14.8	10.6
Upper		22.2	16.0

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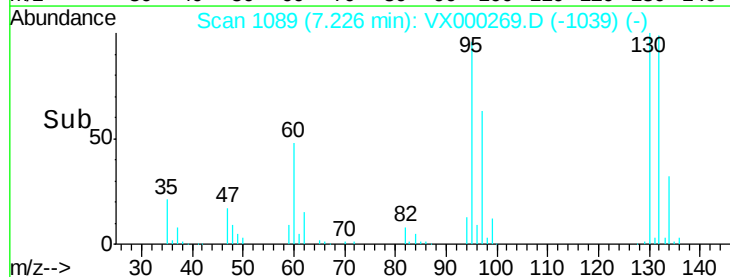
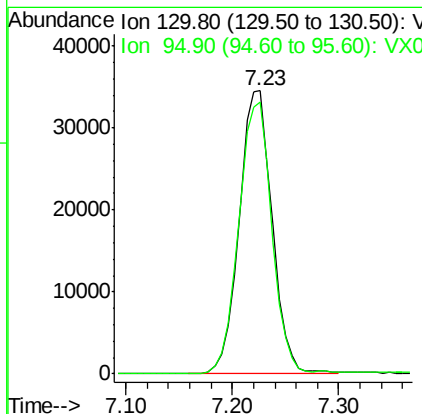
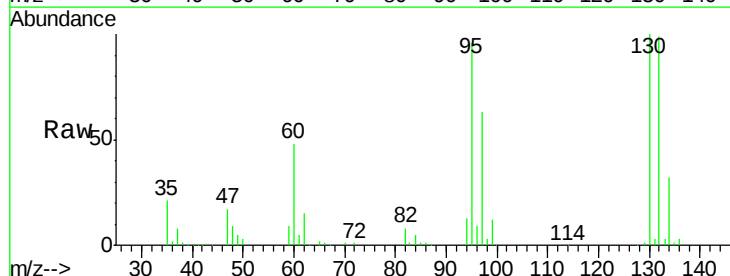
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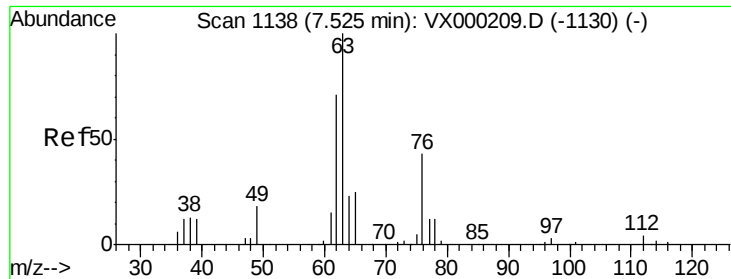


#44

Trichloroethene
 Concen: 45.57 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	130	95
Resp	75075	
Ratio	100	96.1
Lower		0.0
Upper		191.8





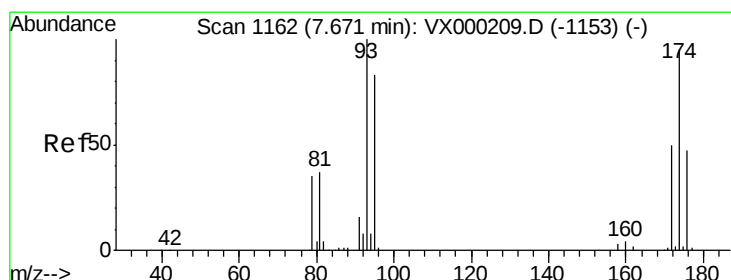
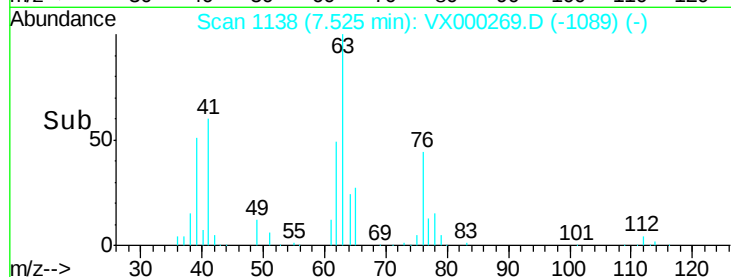
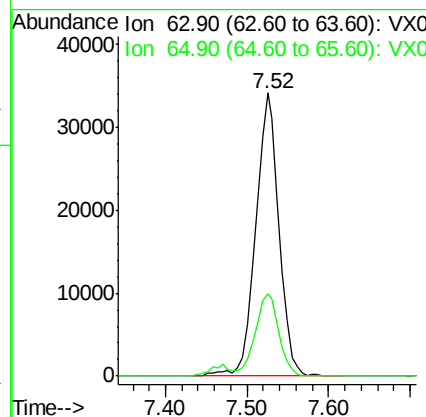
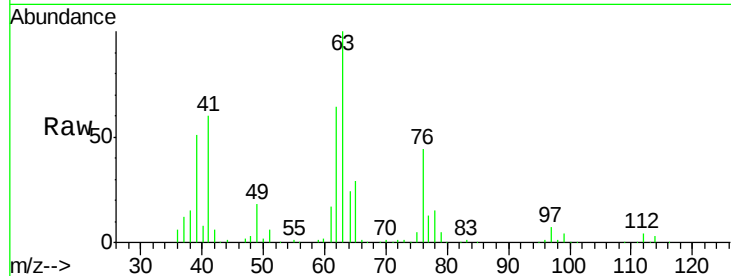
#45
 1,2-Dichloropropane
 Concen: 46.69 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 68067
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.3 33.5

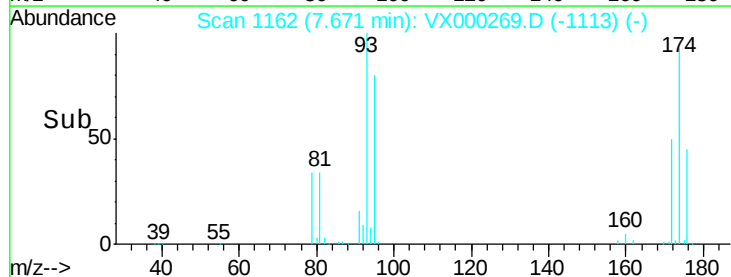
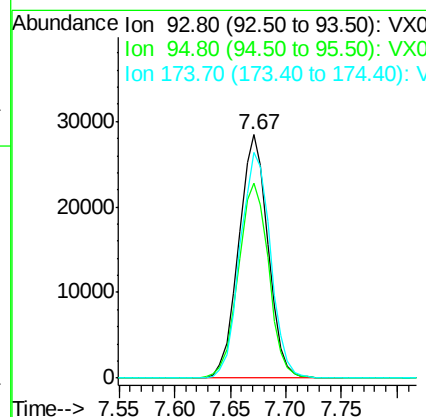
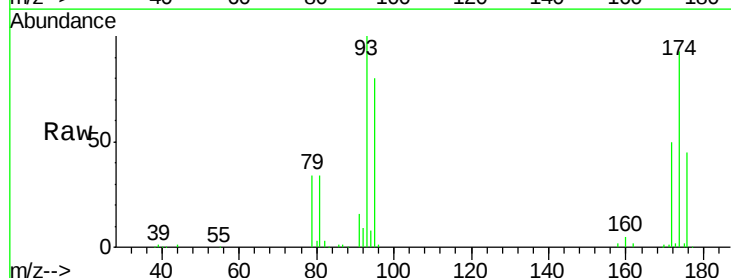
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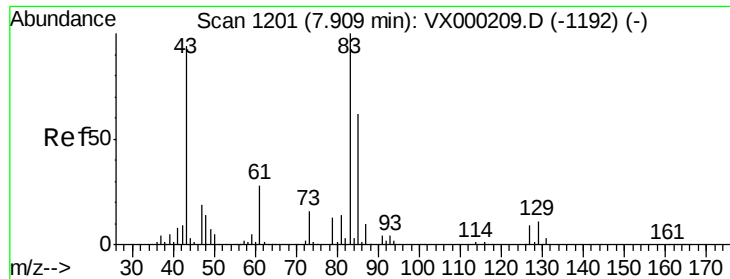
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#46
 Dibromomethane
 Concen: 44.89 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion: 93 Resp: 51769
 Ion Ratio Lower Upper
 93 100
 95 82.5 64.1 96.1
 174 96.1 75.8 113.8





#47

Bromodichloromethane

Concen: 47.43 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

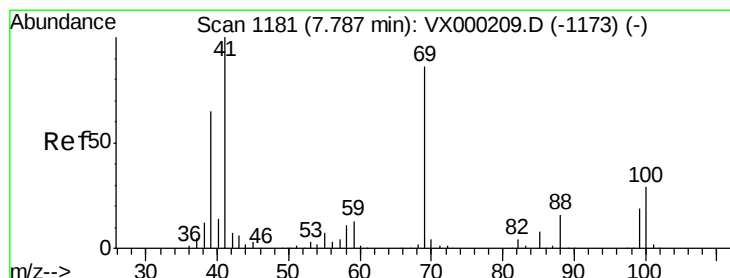
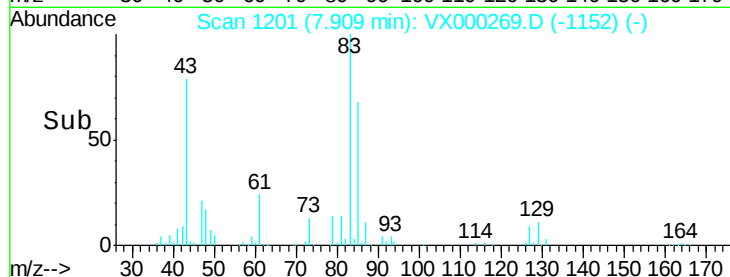
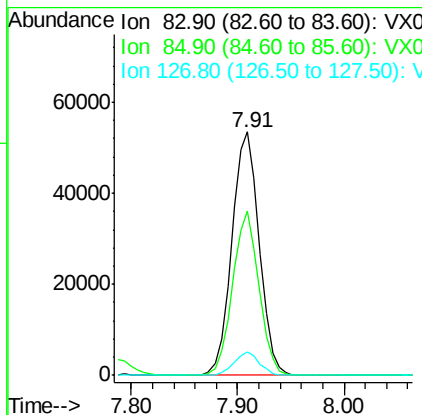
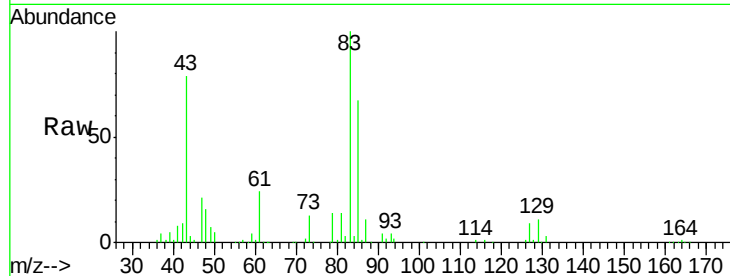
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	96235
Ion Ratio	Lower	Upper	
83	100		
85	67.4	49.6	74.4
127	9.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 44.06 ug/l

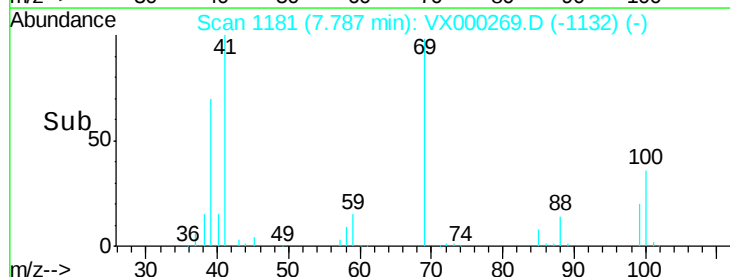
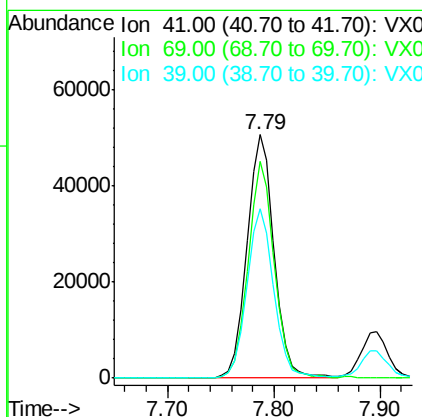
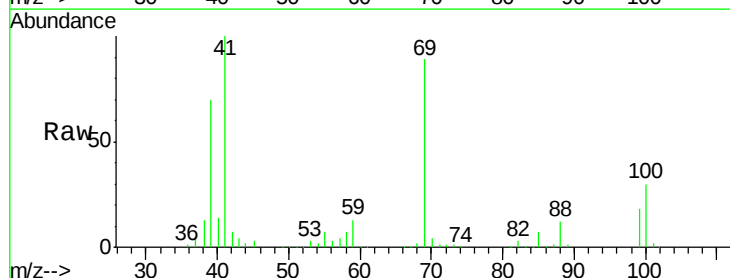
RT: 7.79 min Scan# 1181

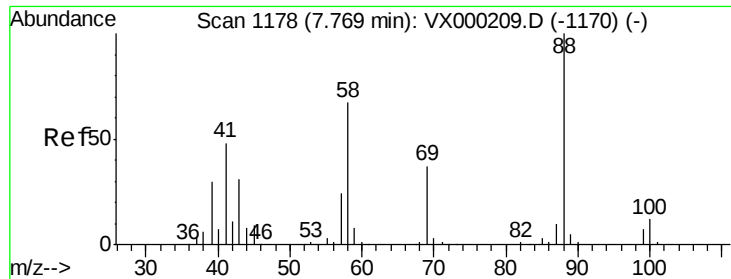
Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Tgt Ion:	41	Resp:	90489
Ion Ratio	Lower	Upper	
41	100		
69	85.9	70.0	105.0
39	68.4	53.6	80.4





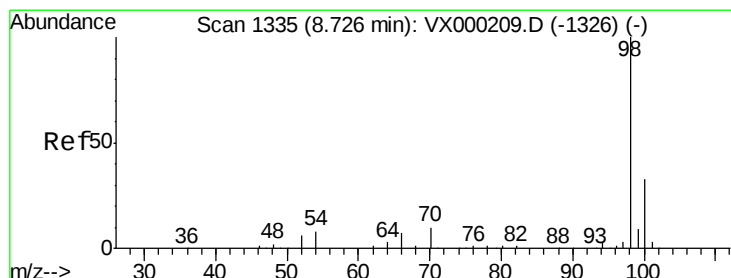
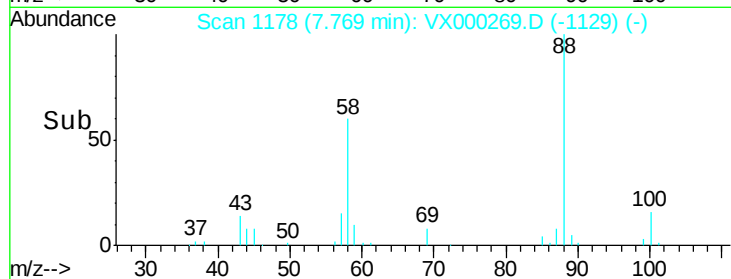
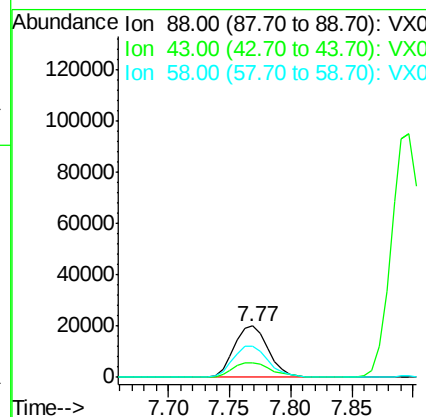
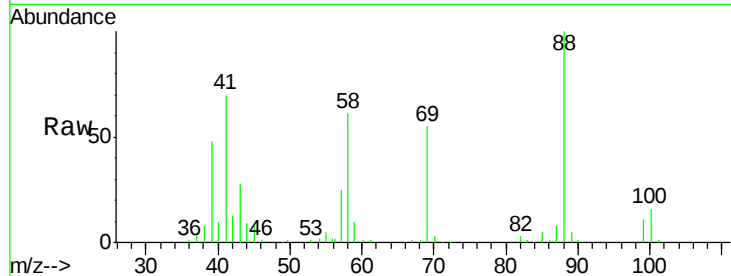
#49
1,4-Dioxane
Concen: 830.90 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.9	40.3
58	63.3	52.2	78.4

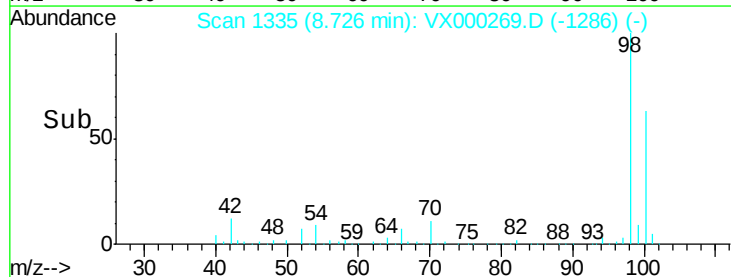
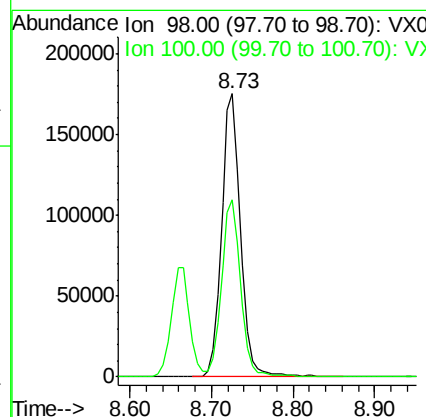
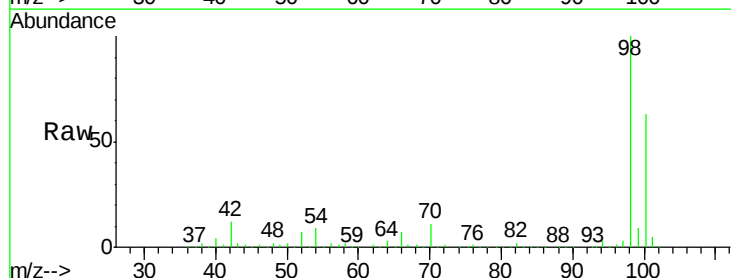
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#50
Toluene-d8
Concen: 48.66 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 225.72 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 710447

Ion Ratio Lower Upper

43 100

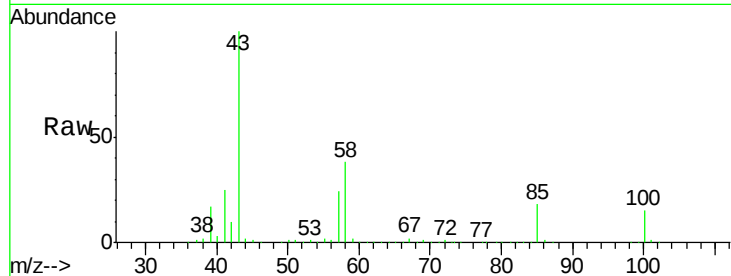
58 37.6 30.2 45.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

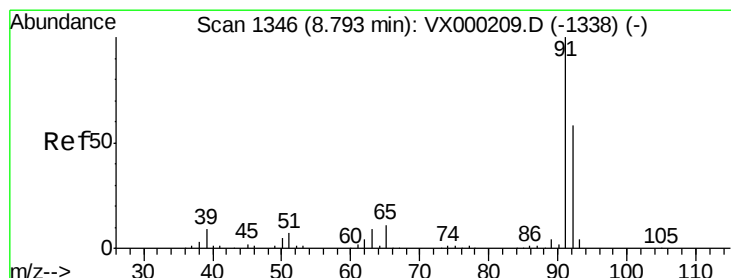
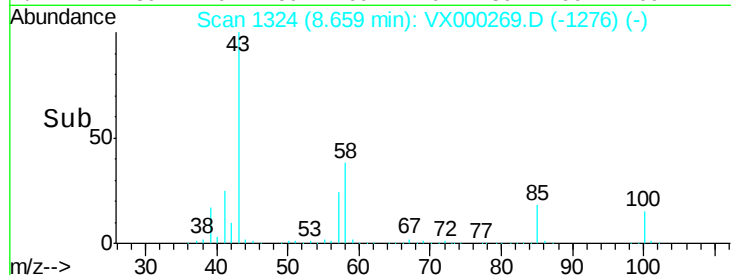
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.41 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000269.D

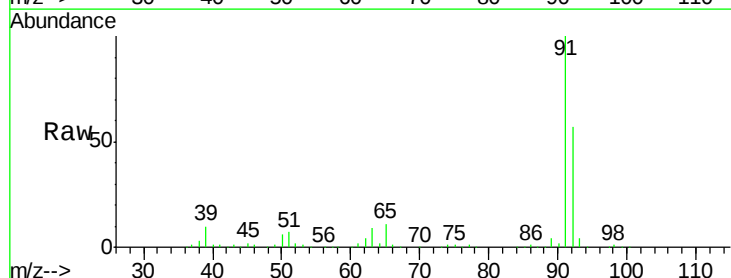
Acq: 12 Mar 2018 10:15

Tgt Ion: 92 Resp: 187029

Ion Ratio Lower Upper

92 100

91 174.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

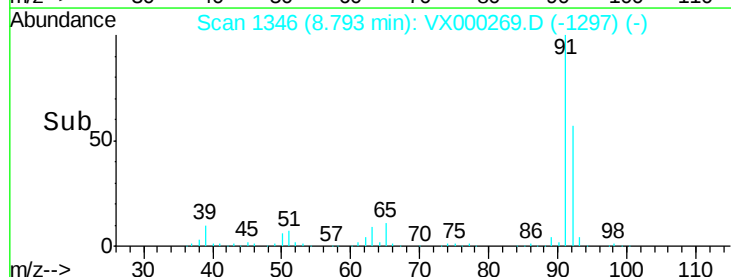
150000

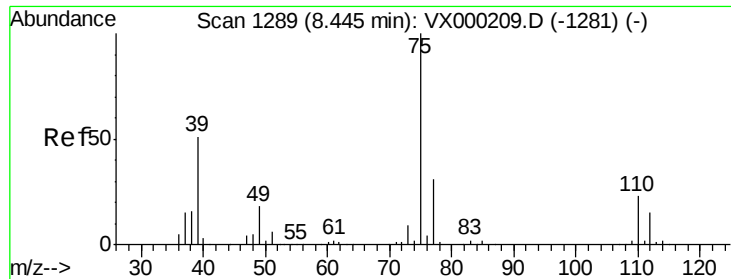
100000

50000

0

Time-->





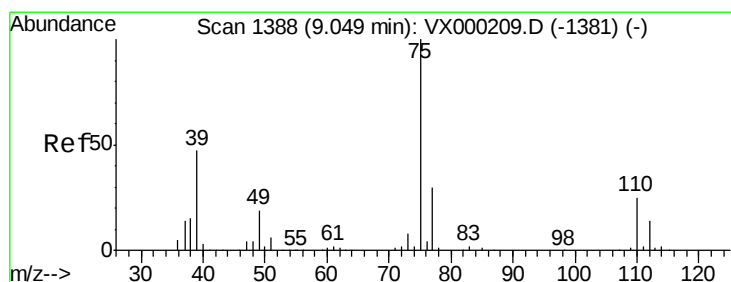
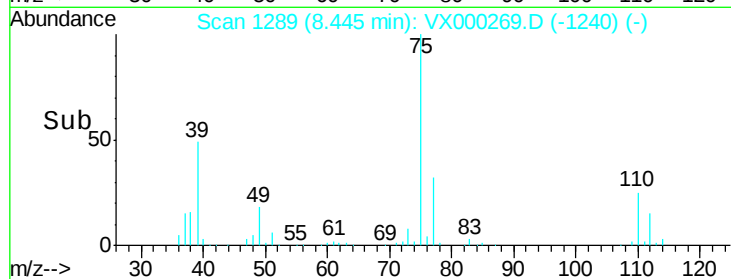
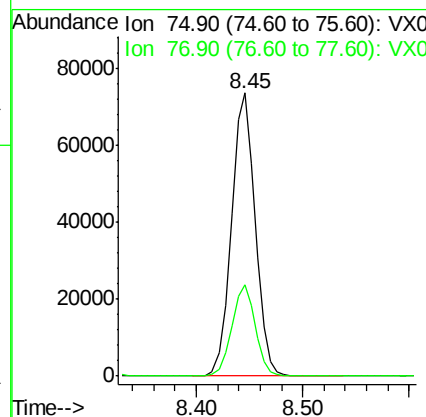
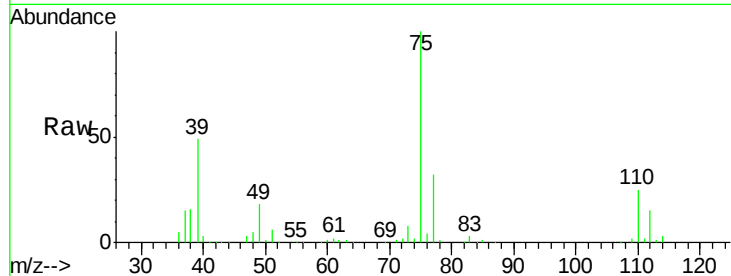
#53
t-1,3-Dichloropropene
Concen: 47.95 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 114645
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2

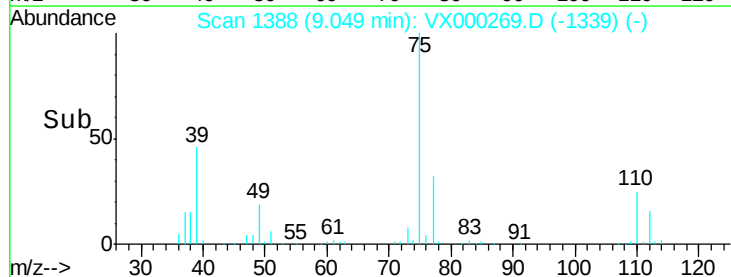
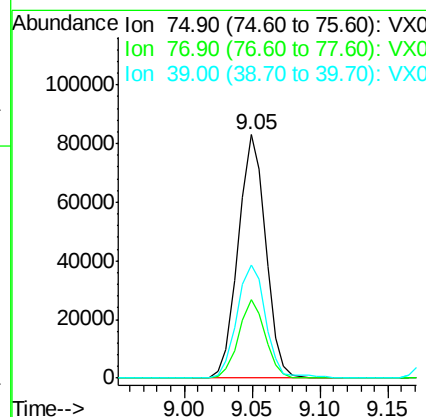
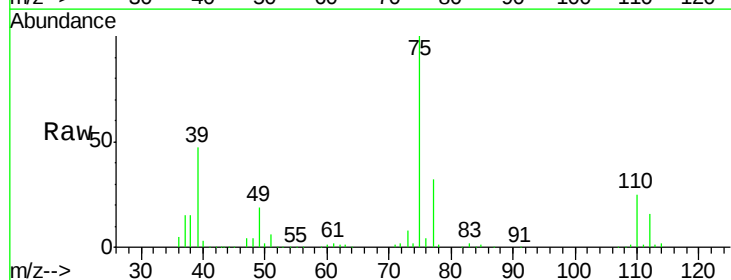
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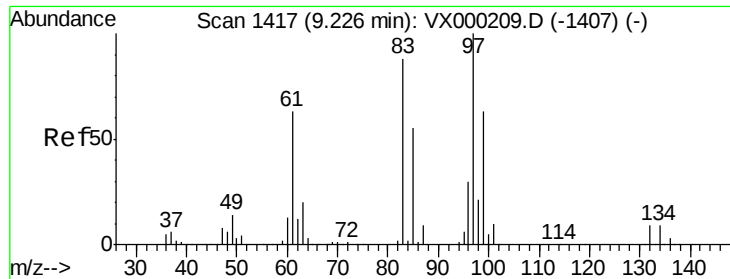
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#54
cis-1,3-Dichloropropene
Concen: 50.56 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion: 75 Resp: 116939
Ion Ratio Lower Upper
75 100
77 32.0 23.9 35.9
39 46.5 37.4 56.2





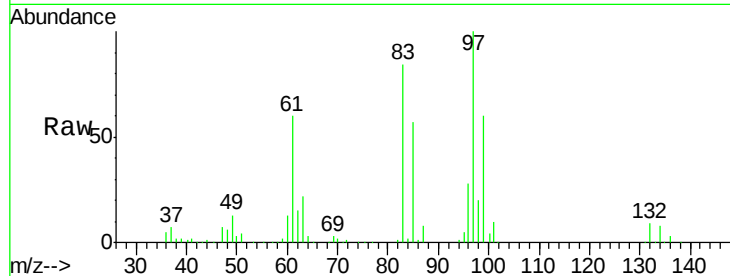
#55
 1,1,2-Trichloroethane
 Concen: 47.48 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

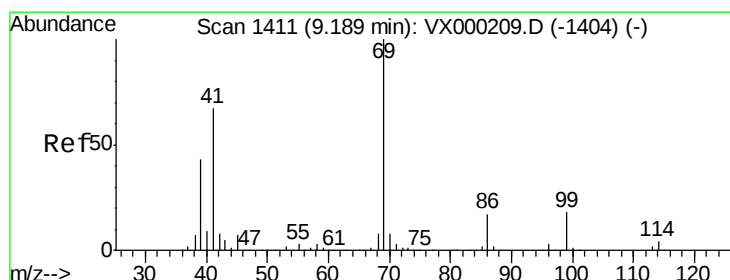
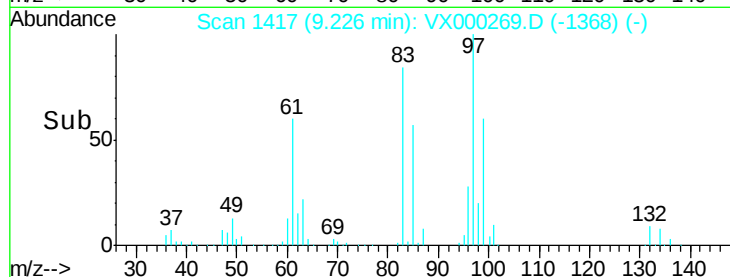
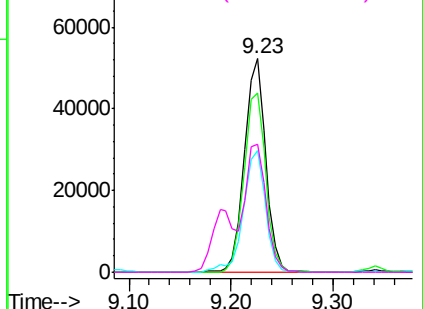
Tot Ion:	97	Resp:	75860
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.4	105.6
85	56.7	43.9	65.9
99	60.1	50.5	75.7

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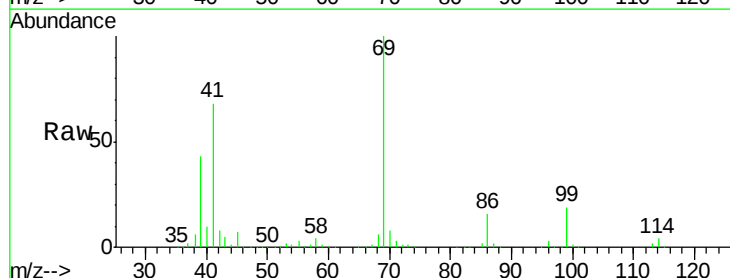


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

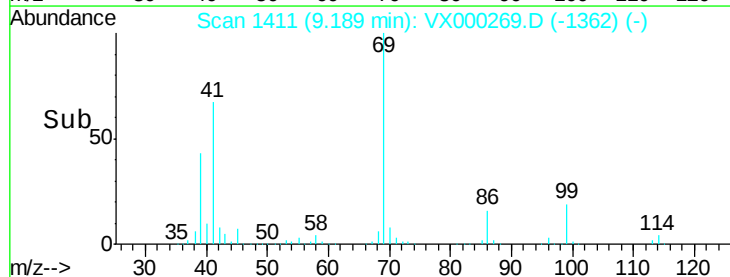
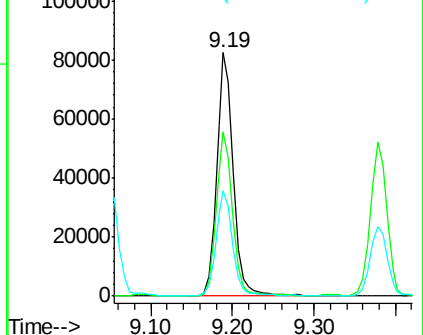


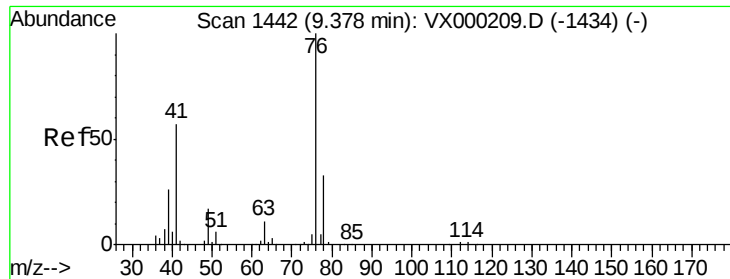
#56
 Ethyl methacrylate
 Concen: 49.16 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion:	69	Resp:	117546
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.2	78.2
39	43.4	34.3	51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





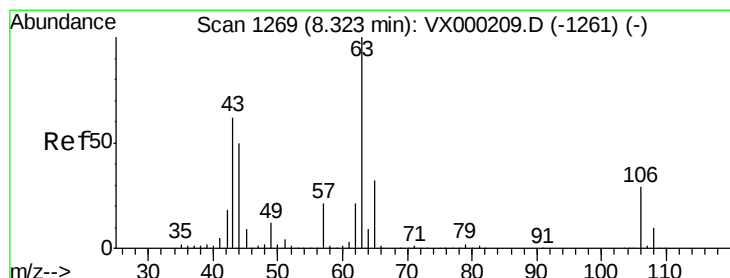
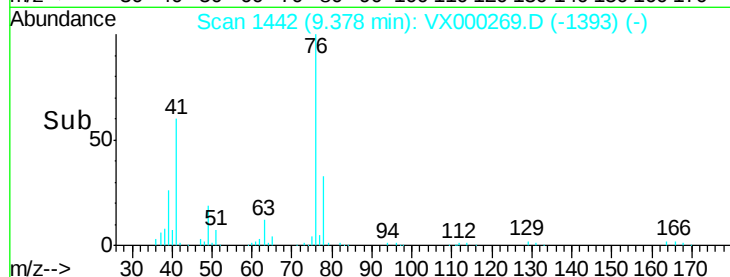
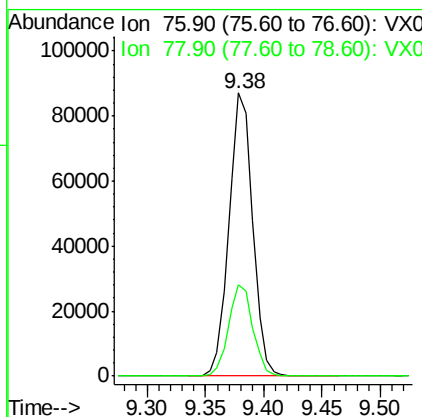
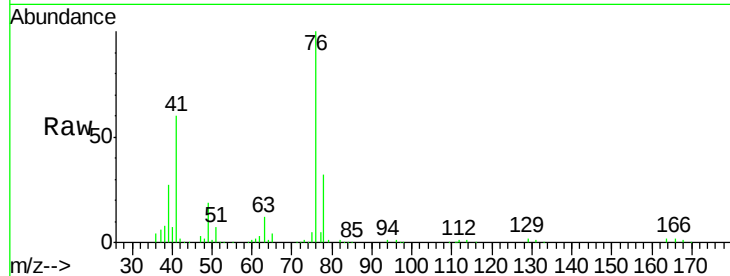
#57
 1,3-Dichloropropane
 Concen: 46.06 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.2	39.2

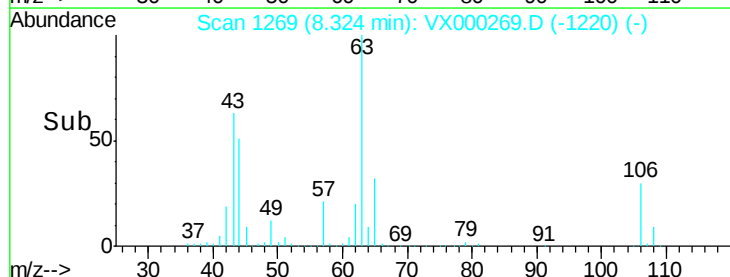
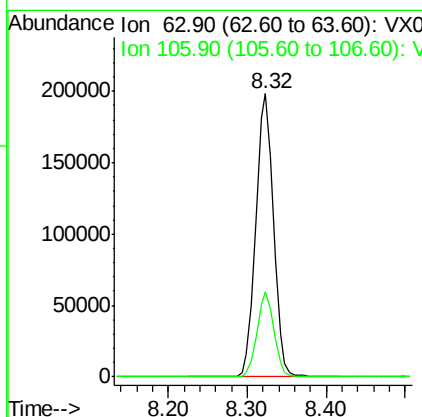
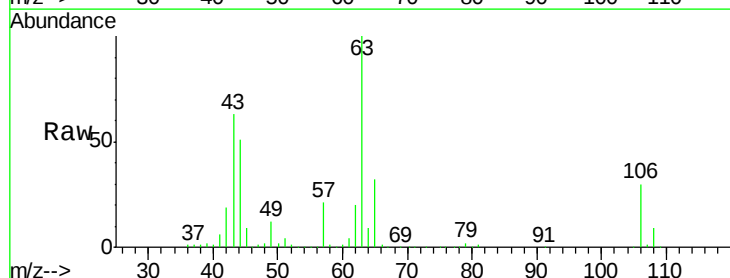
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.86 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.2	34.8





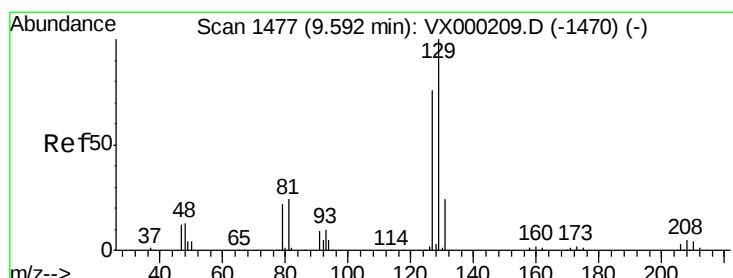
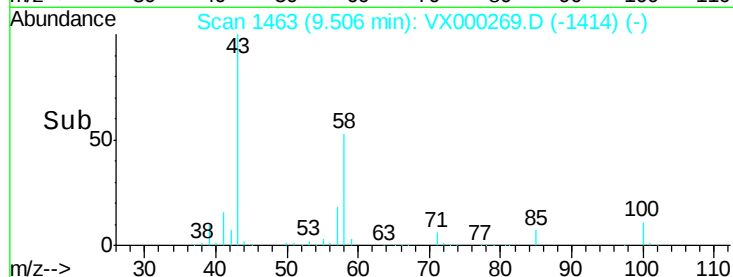
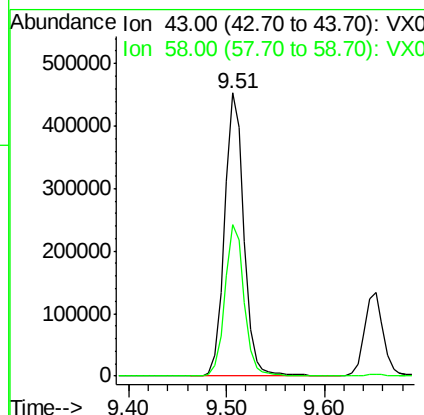
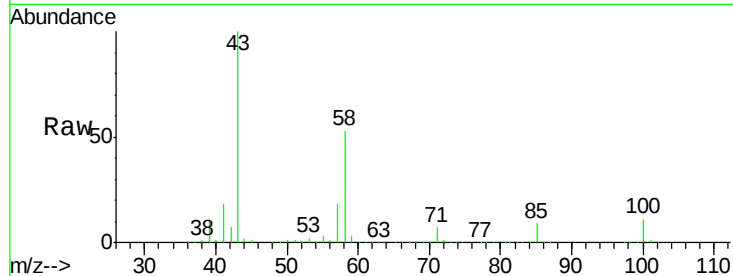
#59
2-Hexanone
Concen: 230.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 619395
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

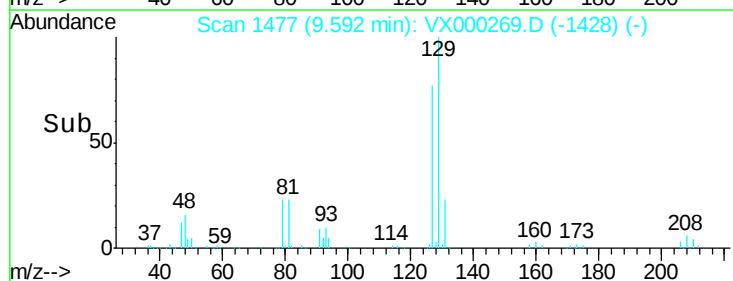
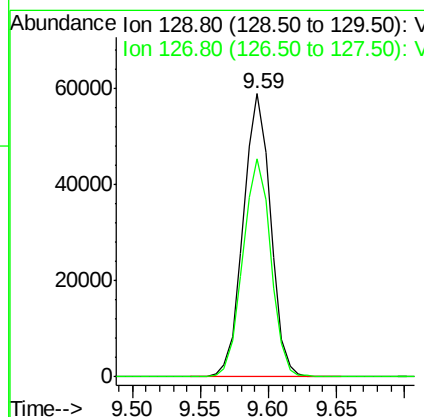
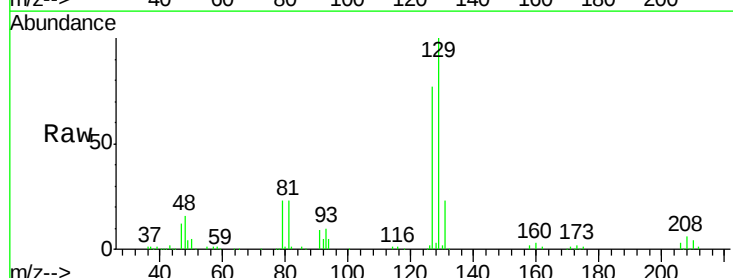
Manual Integrations
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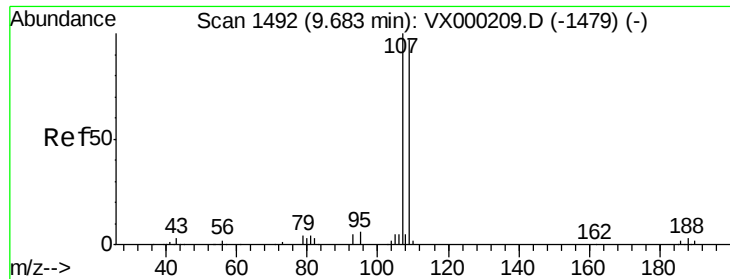
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#60
Dibromochloromethane
Concen: 49.31 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion: 129 Resp: 83073
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.16 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 85451

Ion Ratio Lower Upper

107 100

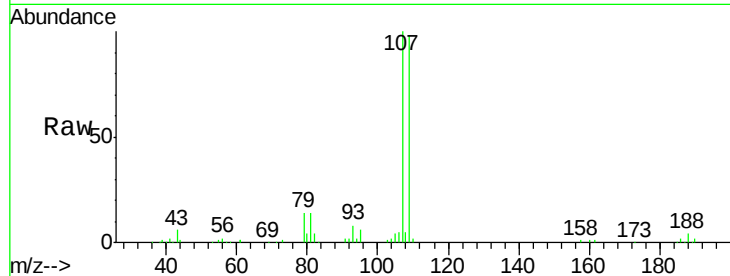
109 95.0 76.8 115.2

Manual Integrations

APPROVED

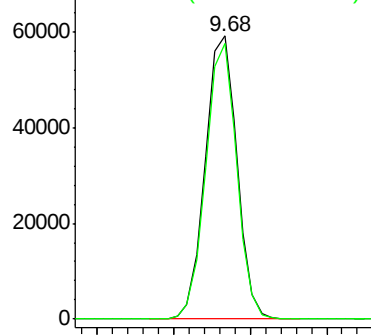
apatel

3/13/2018 10:58:27 AM

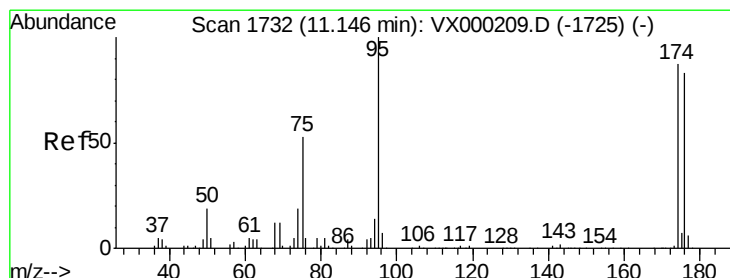
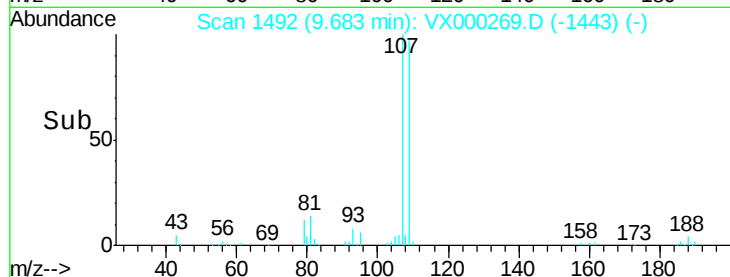


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.05 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

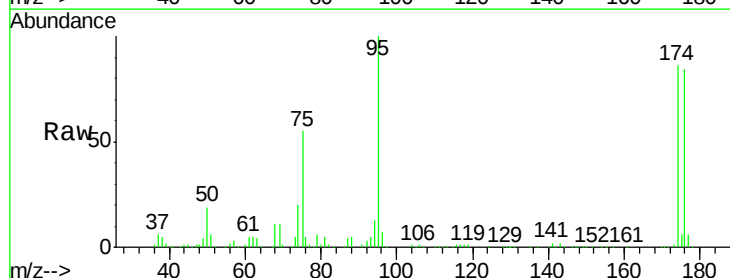
Tgt Ion: 95 Resp: 113988

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.6

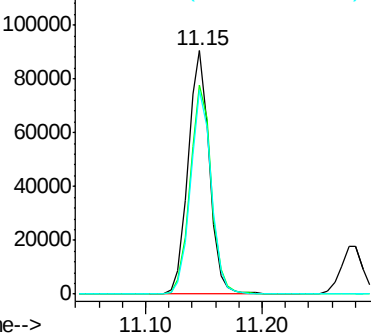
176 83.2 0.0 171.0



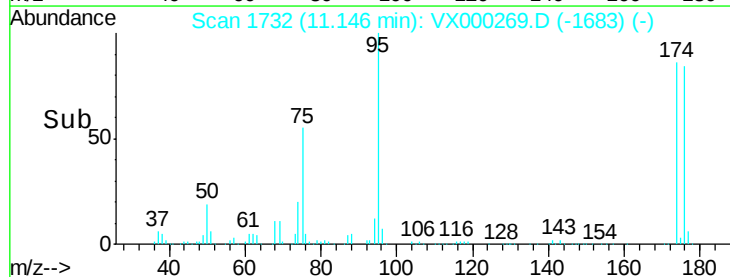
Abundance Ion 94.90 (94.60 to 95.60): VX0

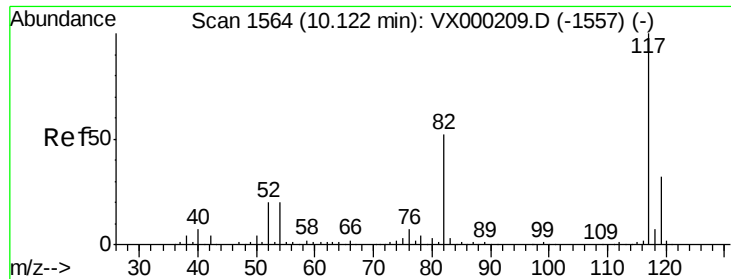
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





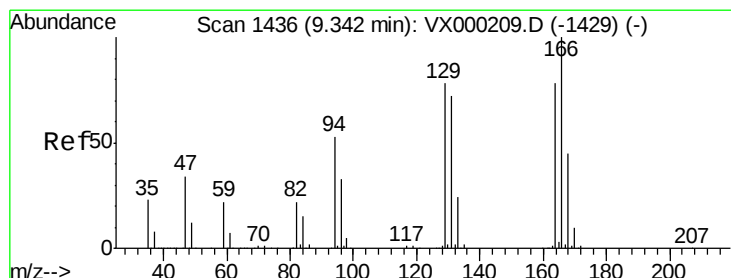
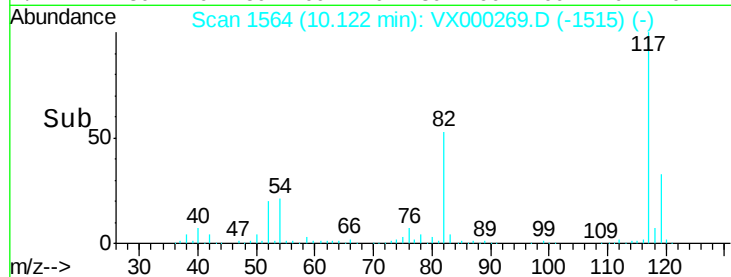
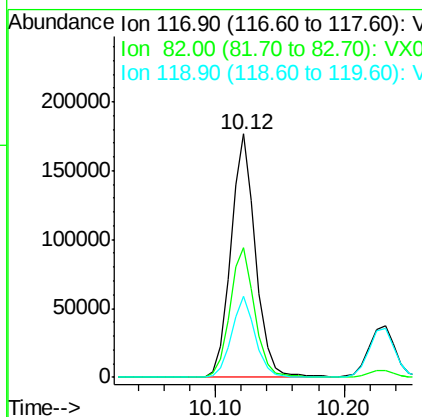
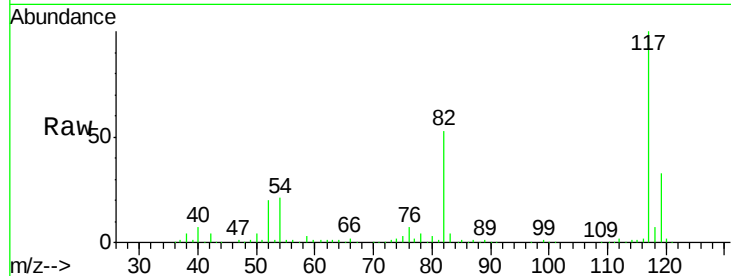
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.0	63.0
119	33.3	25.3	37.9

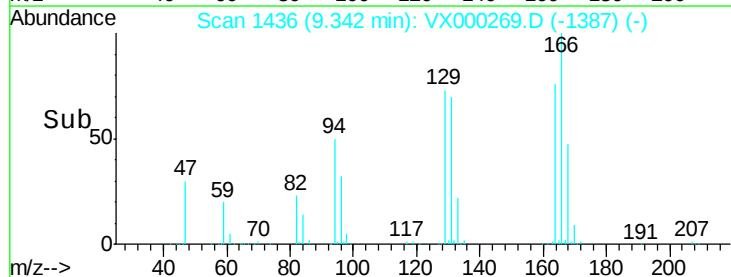
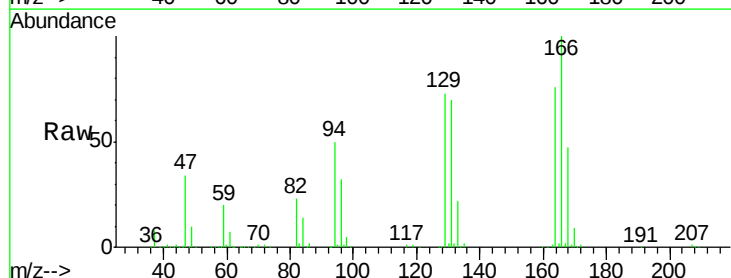
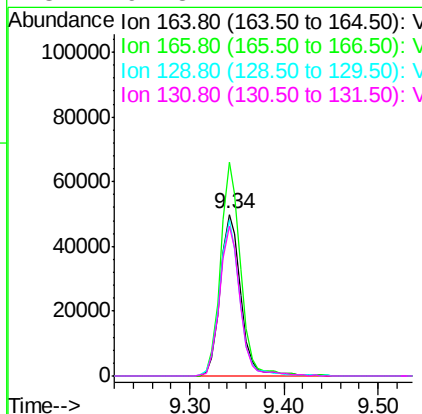
Manual Integrations
APPROVED

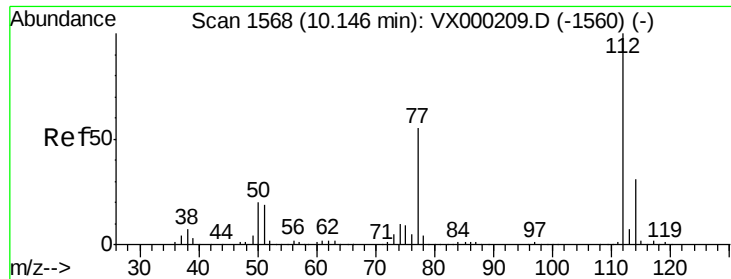
apatel
3/13/2018 10:58:27 AM



#64
Tetrachloroethene
Concen: 46.04 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	103.0	154.6
129	96.9	80.2	120.4
131	92.8	74.2	111.4





#65

Chlorobenzene

Concen: 46.34 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 220351

Ion Ratio Lower Upper

112 100

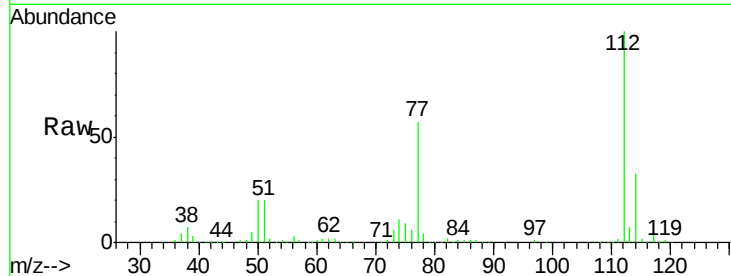
114 33.0 25.0 37.4

Manual Integrations

APPROVED

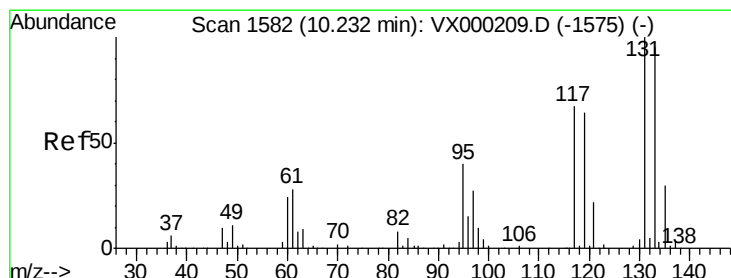
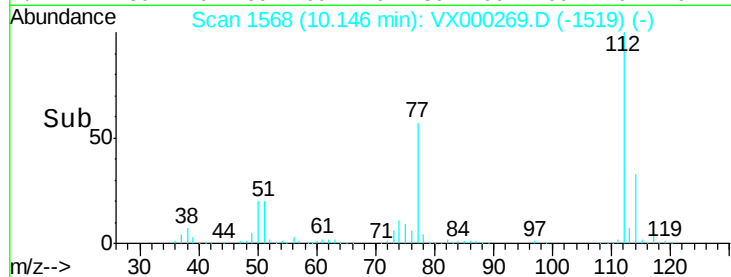
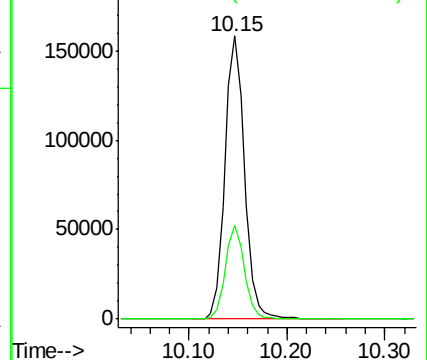
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.64 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

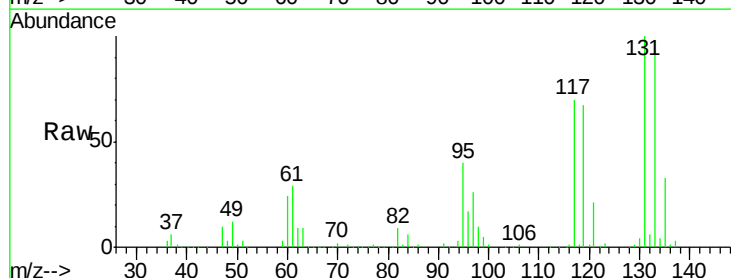
Tgt Ion:131 Resp: 77449

Ion Ratio Lower Upper

131 100

133 95.0 48.3 144.9

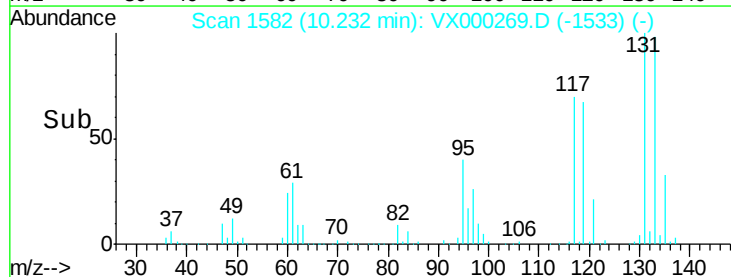
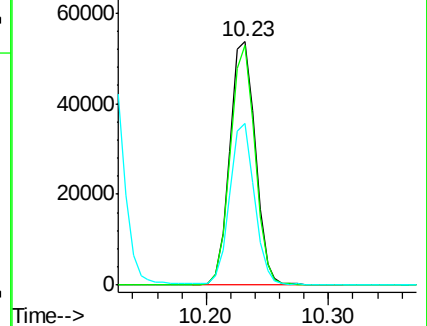
119 64.6 32.3 96.8

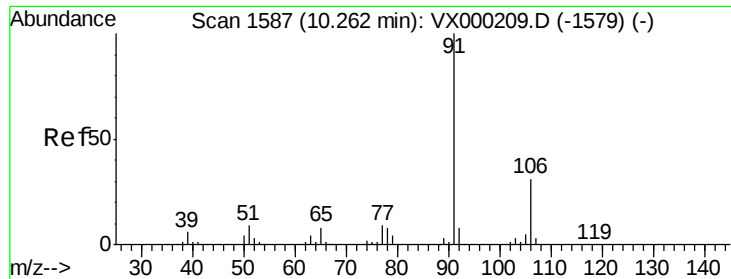


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.11 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 382703

Ion Ratio Lower Upper

91 100

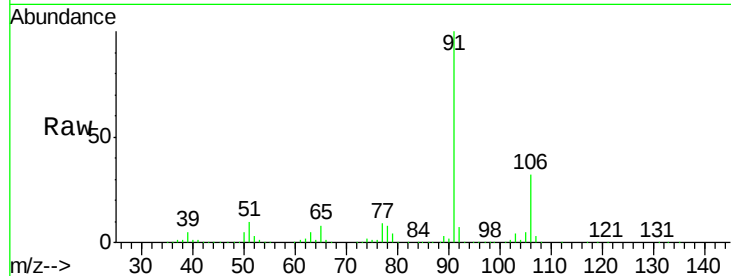
106 32.4 25.2 37.8

Manual Integrations

APPROVED

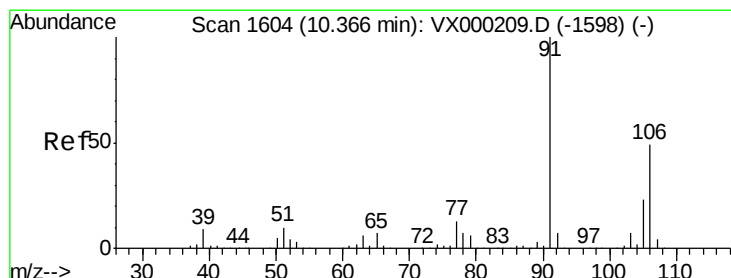
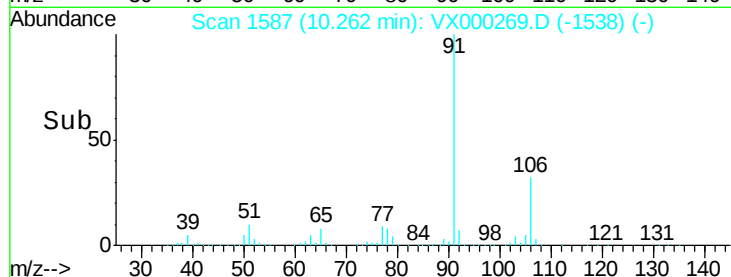
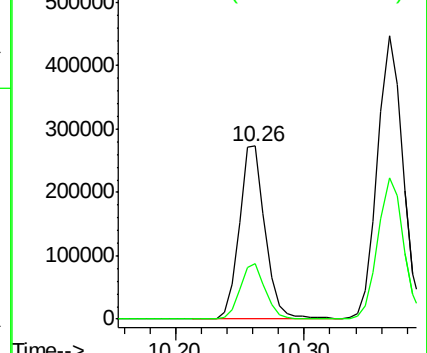
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.54 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000269.D

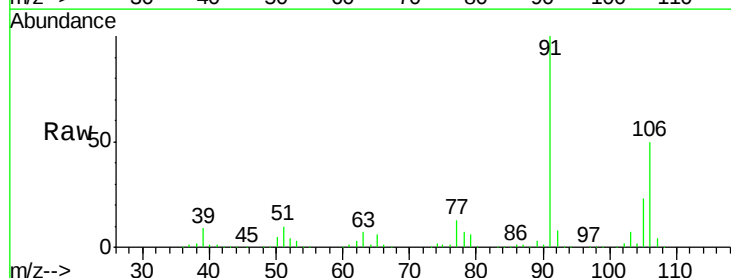
Acq: 12 Mar 2018 10:15

Tgt Ion: 106 Resp: 311550

Ion Ratio Lower Upper

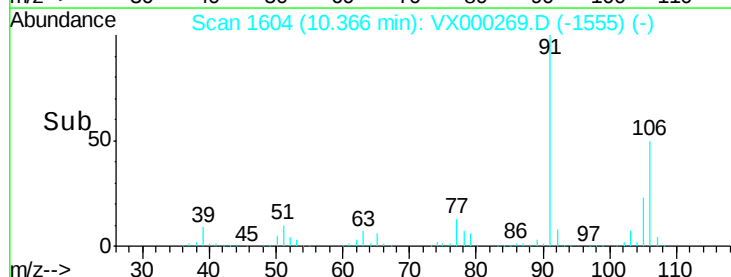
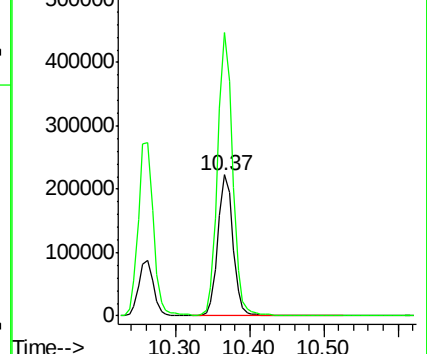
106 100

91 198.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





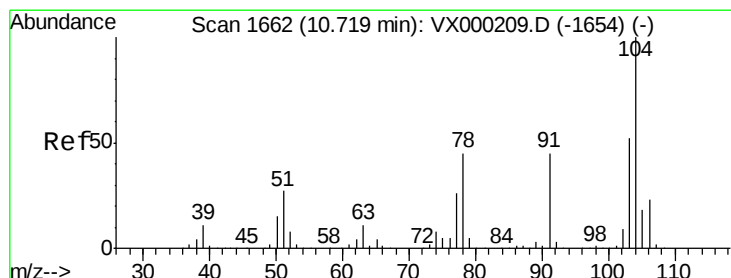
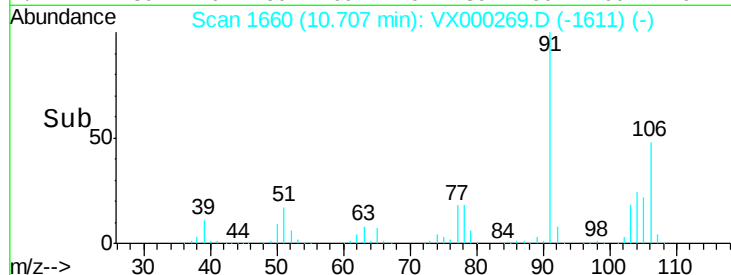
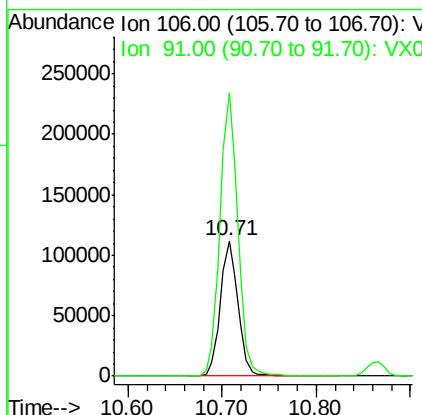
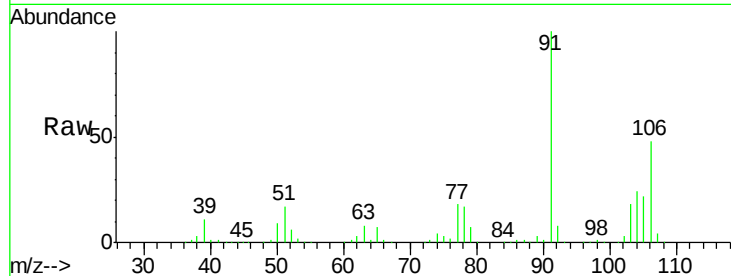
#69
o-Xylene
Concen: 47.80 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 146756
Ion Ratio Lower Upper
106 100
91 211.0 105.9 317.7

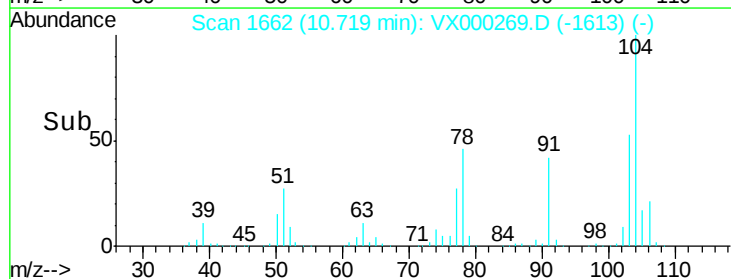
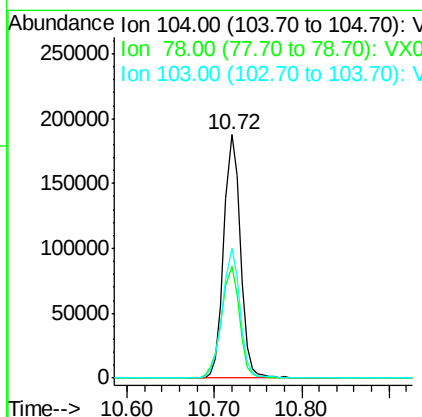
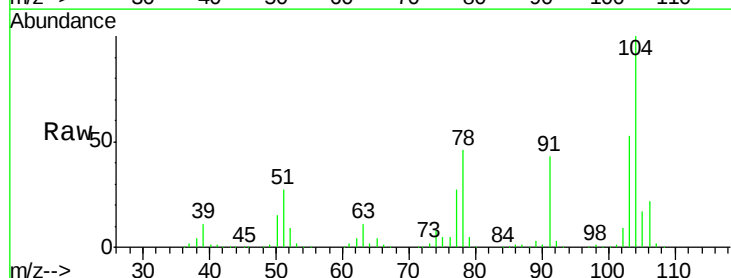
Manual Integrations
APPROVED

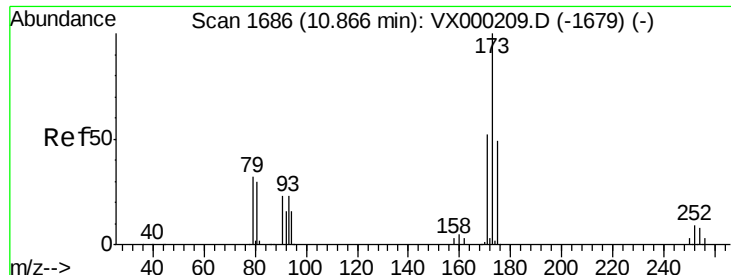
apatel
3/13/2018 10:58:27 AM



#70
Styrene
Concen: 48.62 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion:104 Resp: 247602
Ion Ratio Lower Upper
104 100
78 50.3 39.6 59.4
103 56.3 45.0 67.6





#71

Bromoform

Concen: 41.19 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 67406

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.2

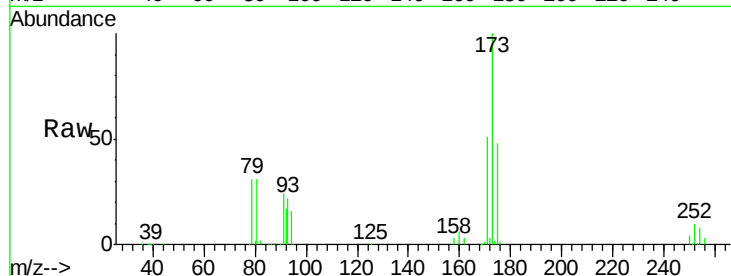
254 0.0 0.2 0.2#

Manual Integrations

APPROVED

apatel

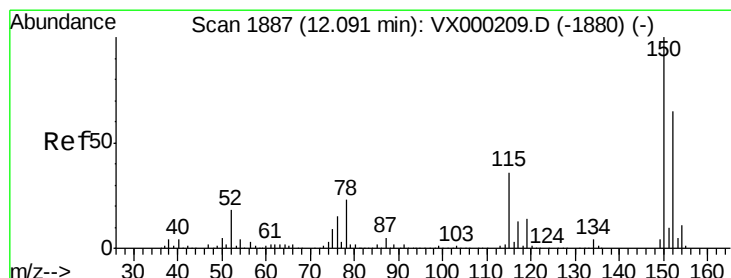
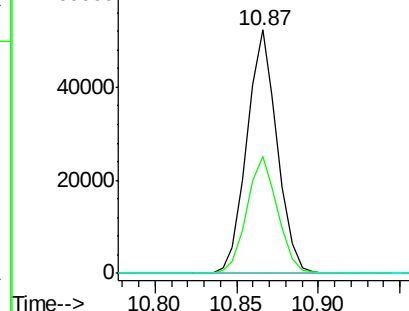
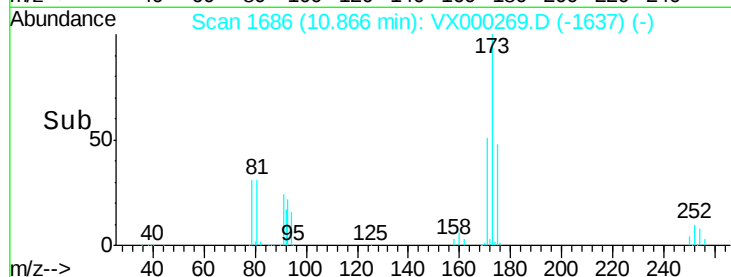
3/13/2018 10:58:27 AM



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: VX000269.D

Acq: 12 Mar 2018 10:15

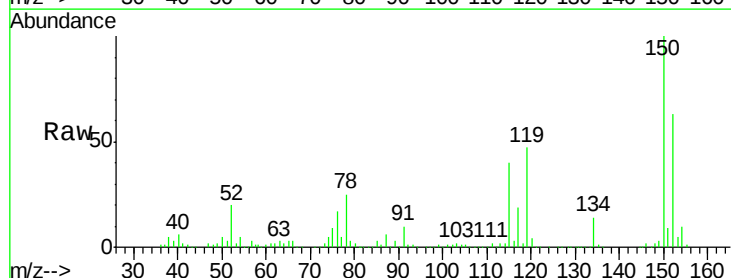
Tgt Ion:152 Resp: 153355

Ion Ratio Lower Upper

152 100

115 77.6 39.8 119.3

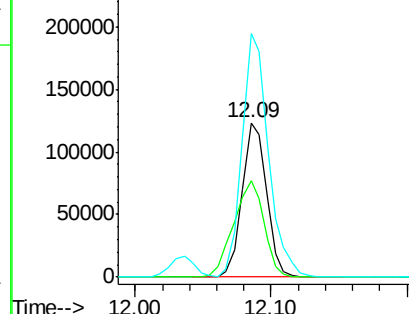
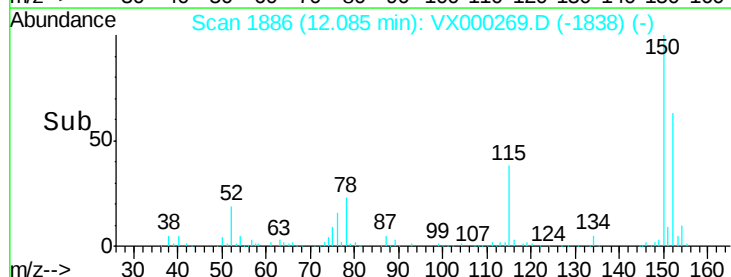
150 171.0 0.0 345.0



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: 42.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 406435

Ion Ratio Lower Upper

105 100

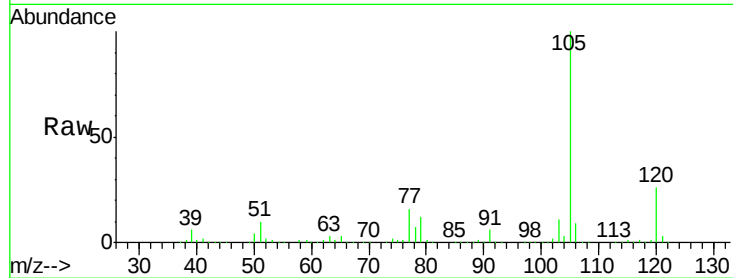
120 26.4 13.5 40.4

Manual Integrations

APPROVED

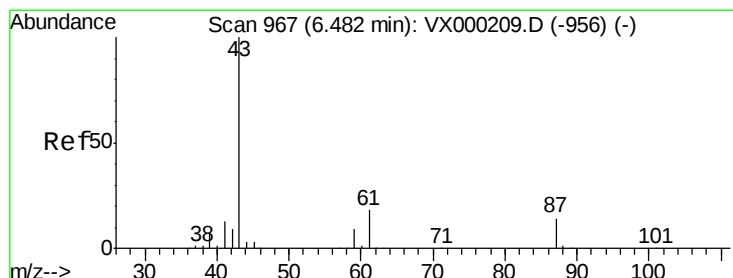
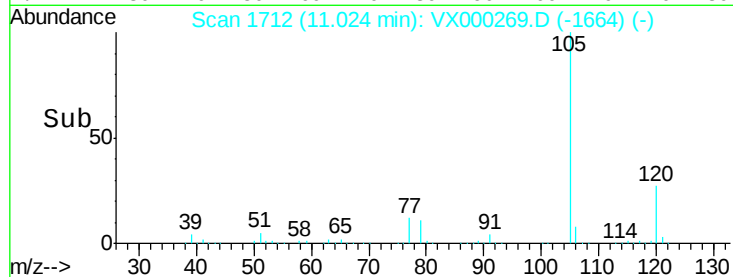
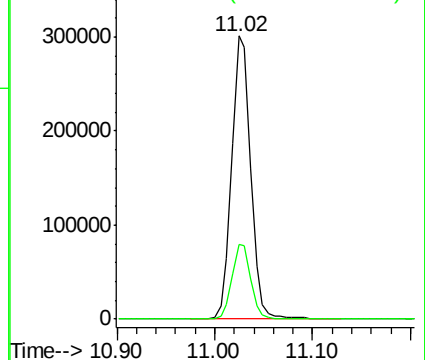
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Tgt Ion: 43 Resp: 188153

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

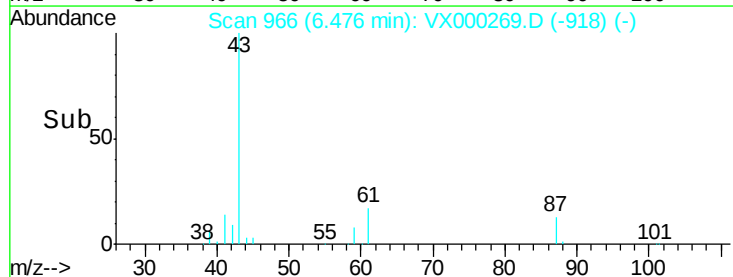
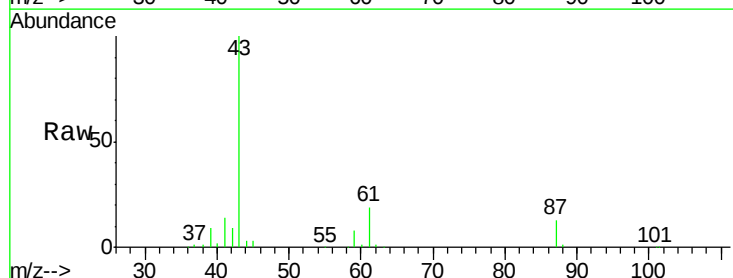
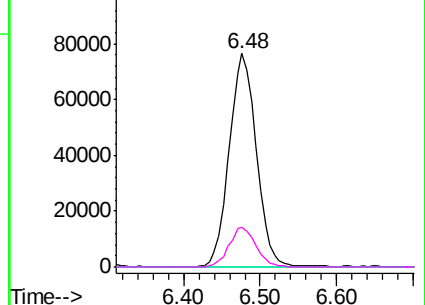
61 18.4 14.8 22.2

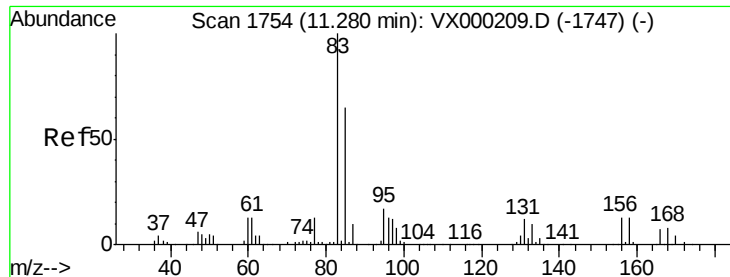
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 41.84 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

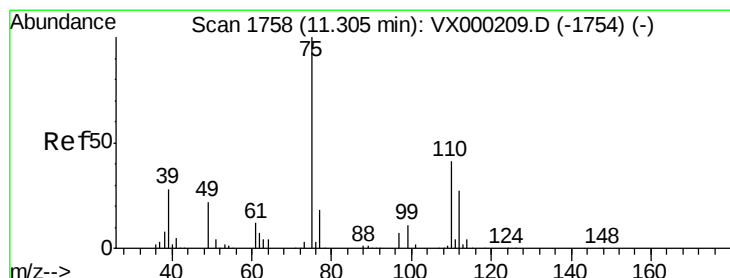
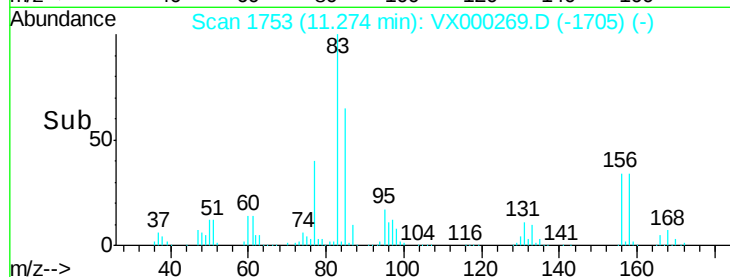
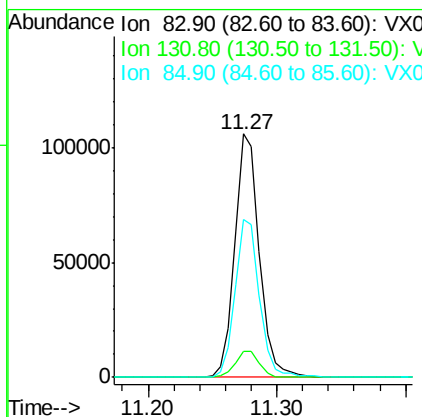
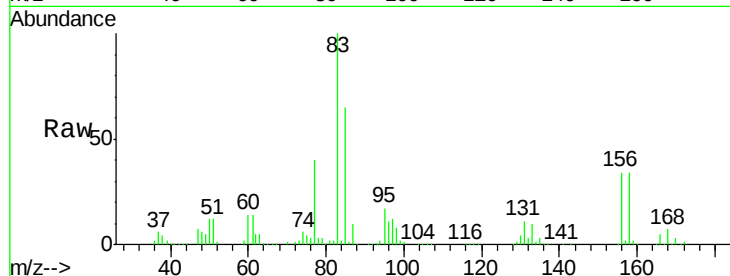
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	140840
Ion Ratio		Lower	Upper
83	100		
131	10.6	5.5	16.5
85	64.8	32.5	97.4

Manual Integrations
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apatel
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#76

1,2,3-Trichloropropane

Concen: 41.15 ug/l m

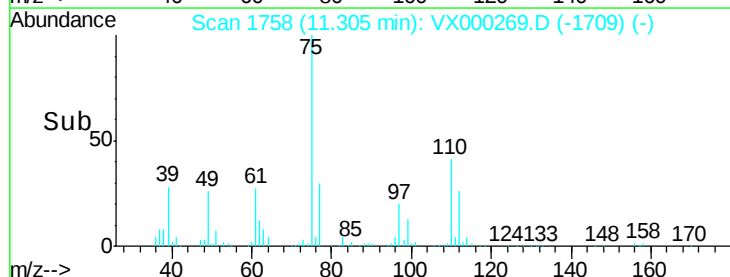
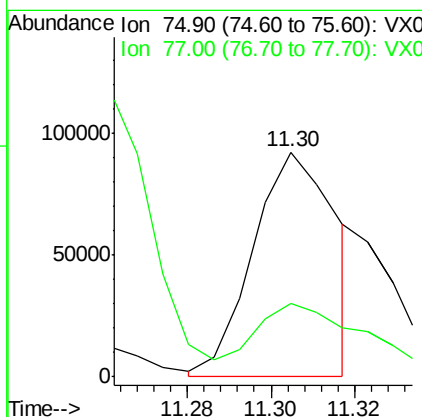
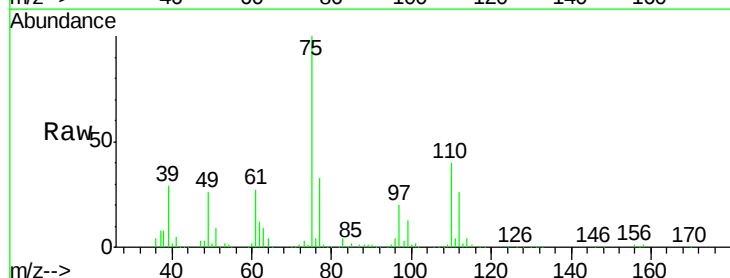
RT: 11.30 min Scan# 1758

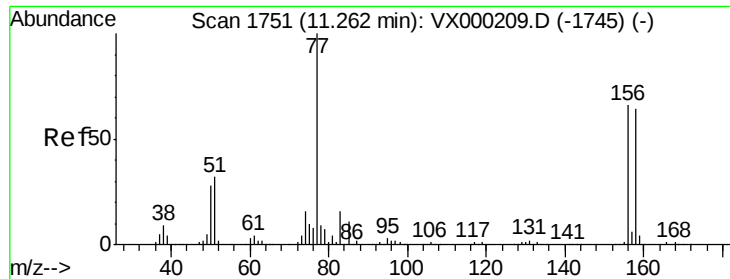
Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Tgt Ion:	75	Resp:	126512
Ion Ratio		Lower	Upper
75	100		
77	43.8	22.3	66.8





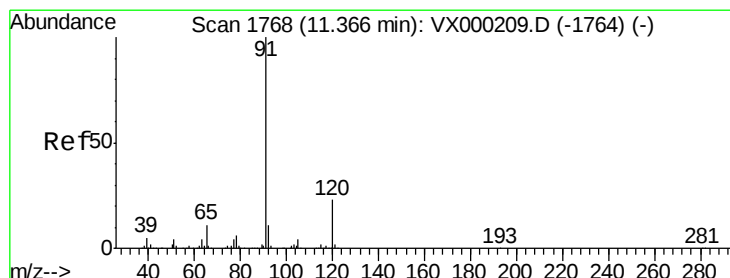
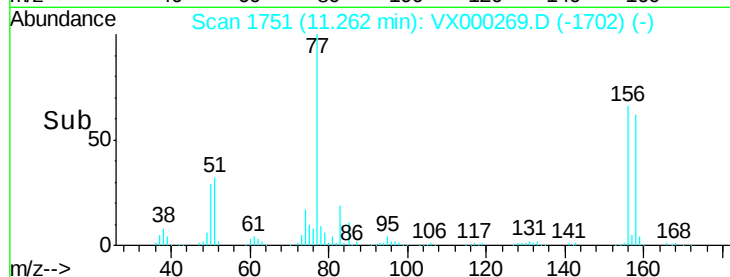
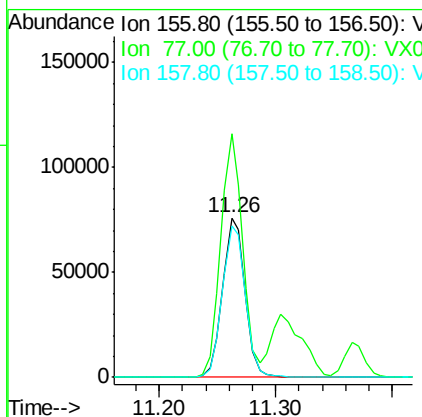
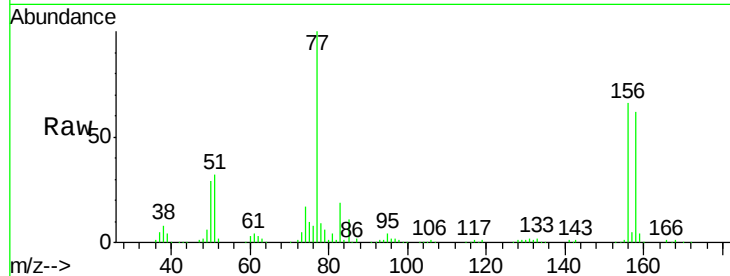
#77
Bromobenzene
Concen: 40.75 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.3	71.9	215.7
158	97.0	48.0	144.2

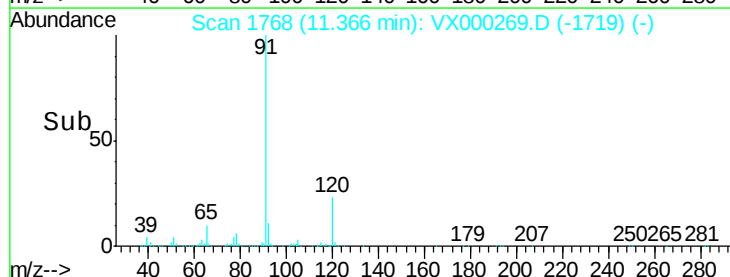
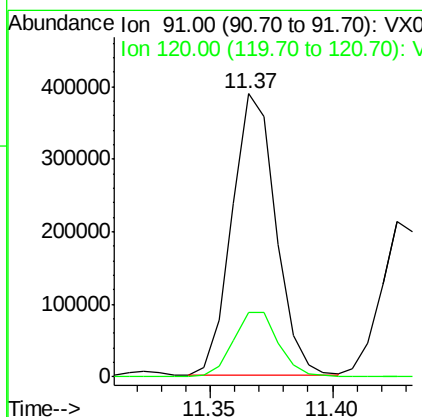
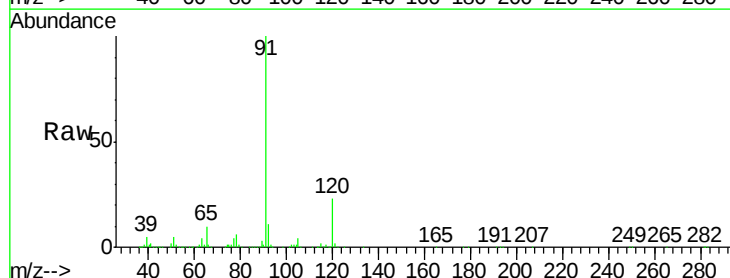
Manual Integrations
APPROVED

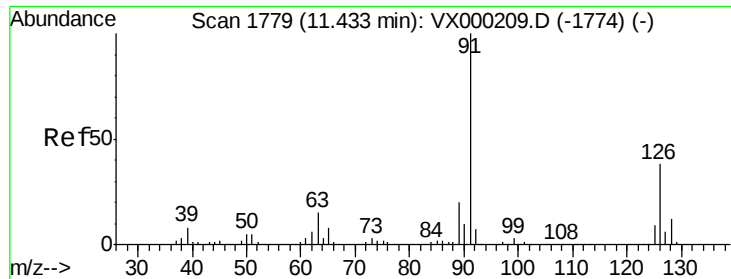
apatel
3/13/2018 10:58:27 AM



#78
n-propylbenzene
Concen: 42.87 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





#79

2-Chlorotoluene

Concen: 42.63 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 271726

Ion Ratio Lower Upper

91 100

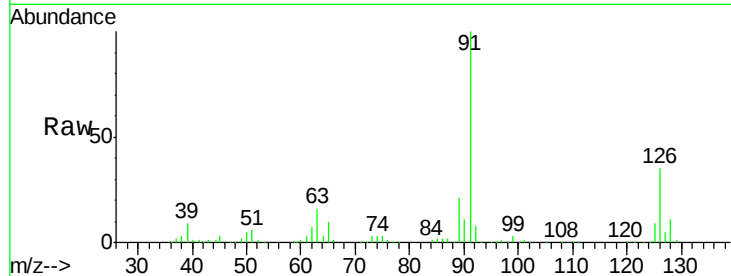
126 36.7 18.4 55.2

Manual Integrations

APPROVED

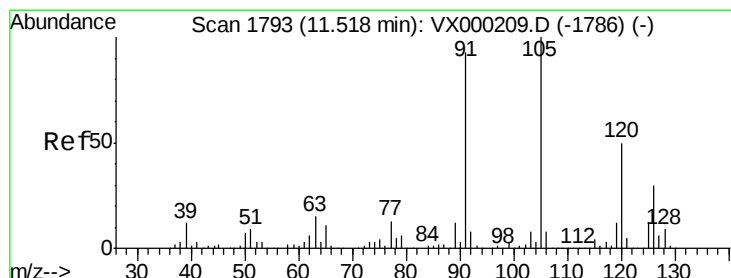
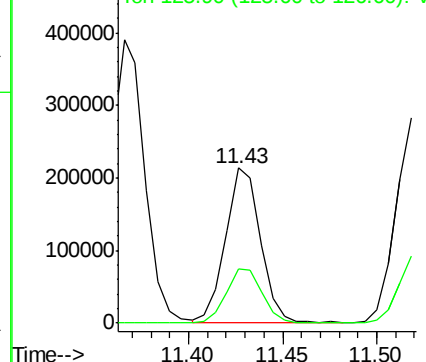
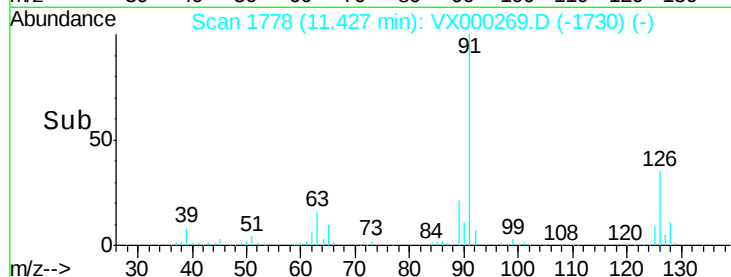
apatel

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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: 45.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000269.D

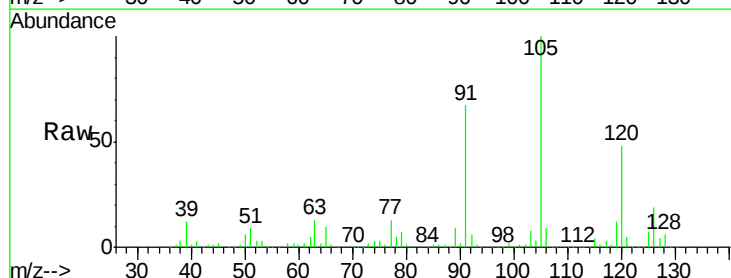
Acq: 12 Mar 2018 10:15

Tgt Ion: 105 Resp: 363072

Ion Ratio Lower Upper

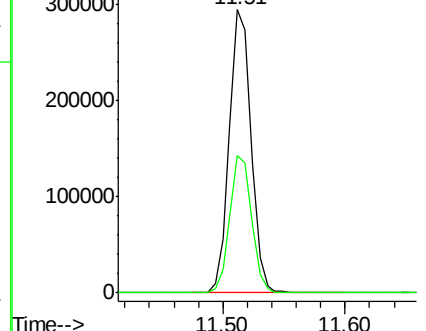
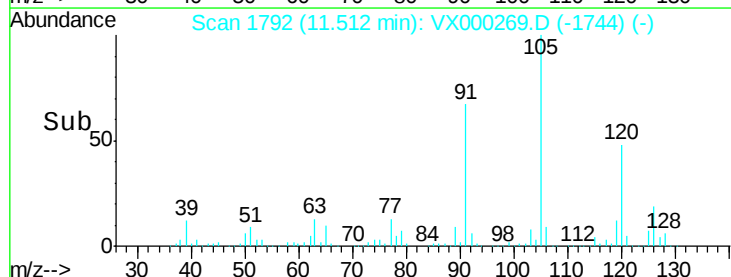
105 100

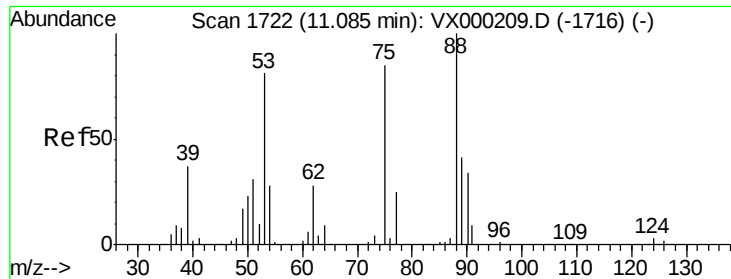
120 48.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





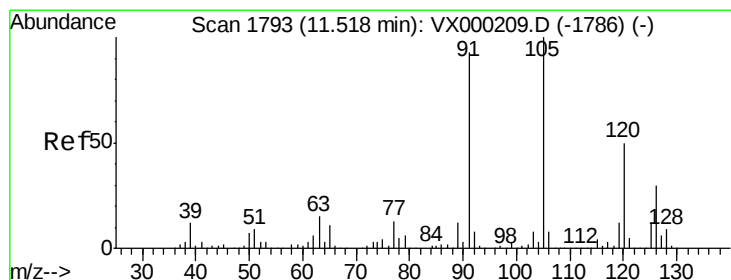
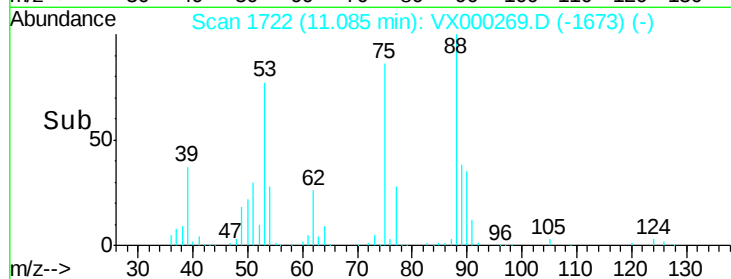
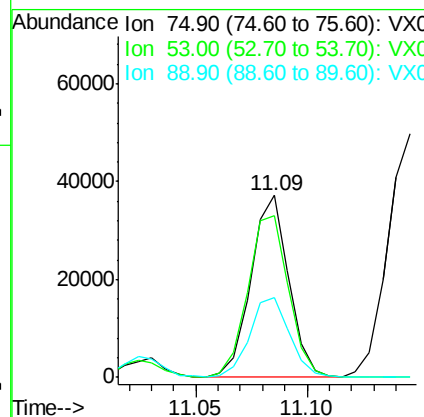
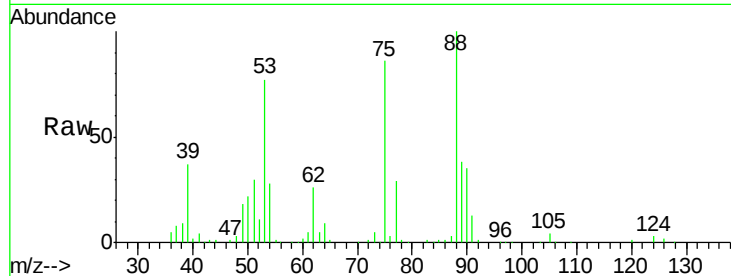
#81
trans-1,4-Dichloro-2-butene
Concen: 43.41 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	78.6	118.0
89	47.6	38.8	58.2

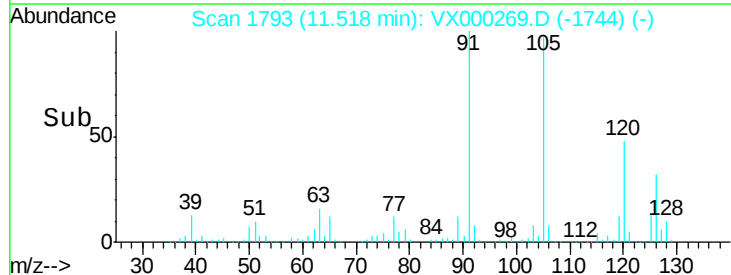
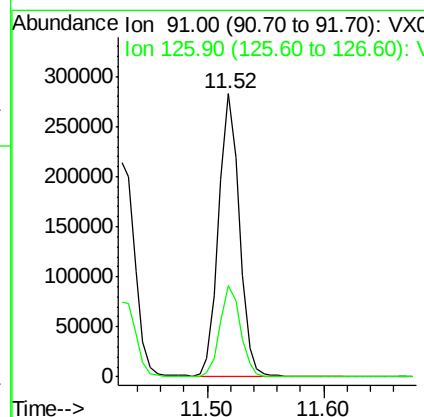
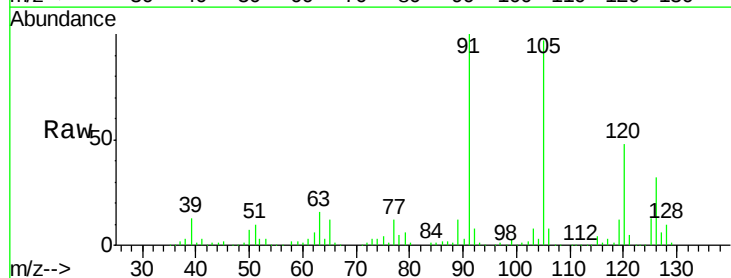
Manual Integrations
APPROVED

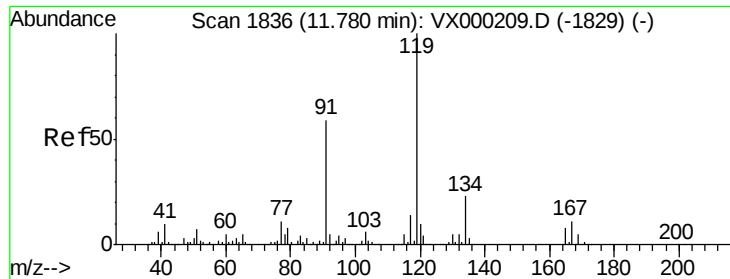
apatel
3/13/2018 10:58:27 AM



#82
4-Chlorotoluene
Concen: 44.83 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.0	48.0





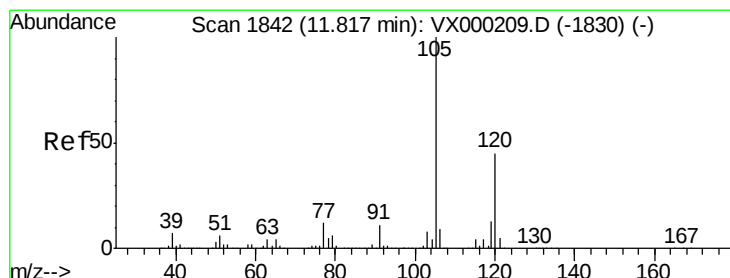
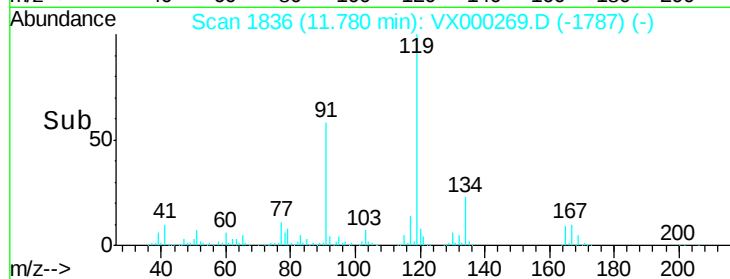
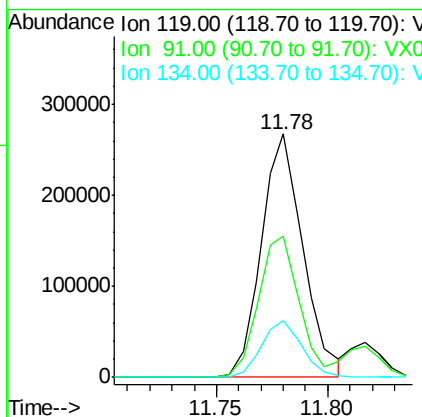
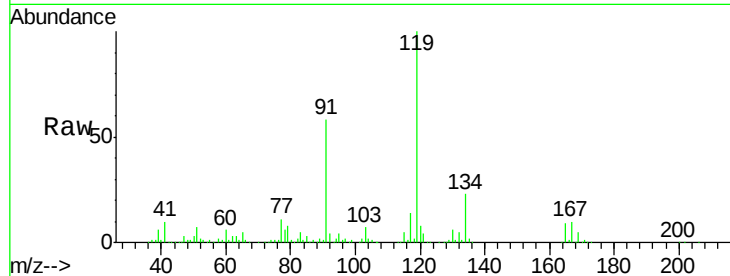
#83
 tert-Butylbenzene
 Concen: 44.57 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.9	86.7
134	22.9	11.5	34.4

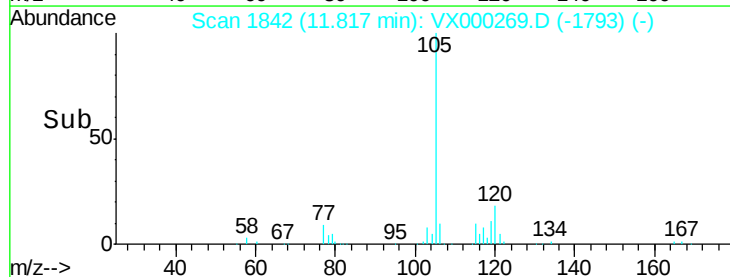
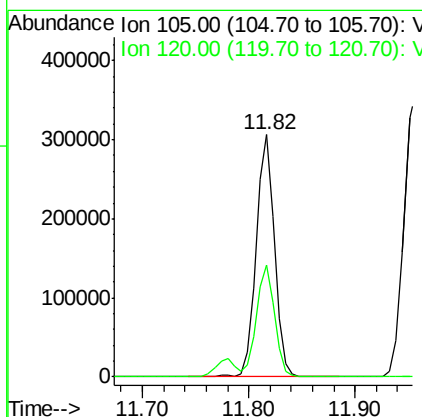
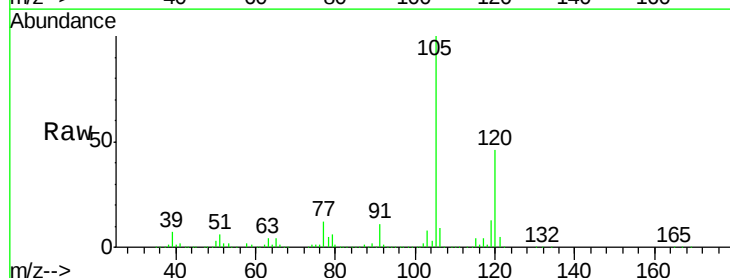
Manual Integrations
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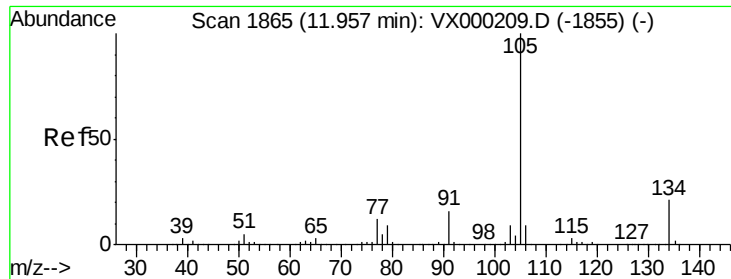
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.84 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 45.01 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 444105

Ion Ratio Lower Upper

105 100

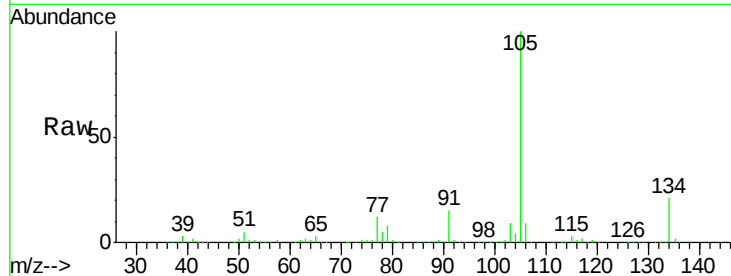
134 20.6 10.3 30.9

Manual Integrations

APPROVED

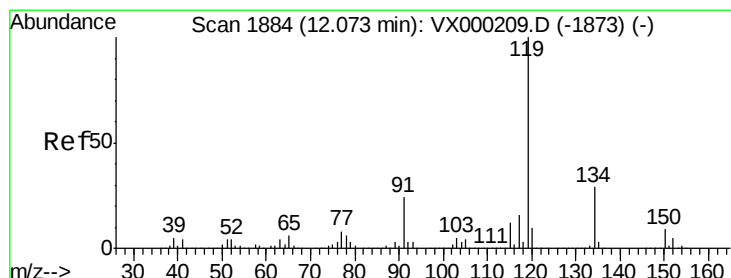
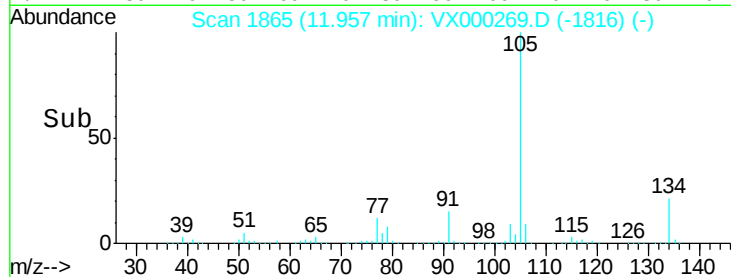
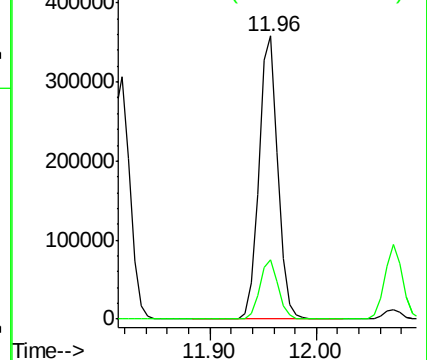
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.82 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000269.D

Acq: 12 Mar 2018 10:15

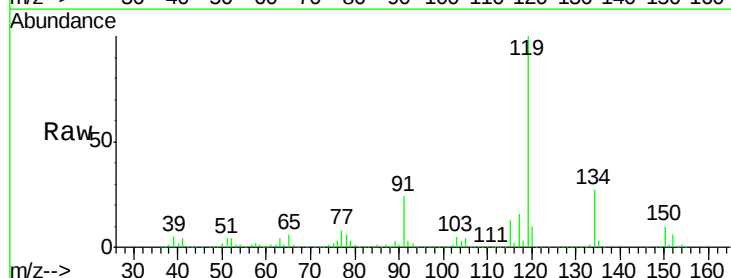
Tgt Ion:119 Resp: 407377

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

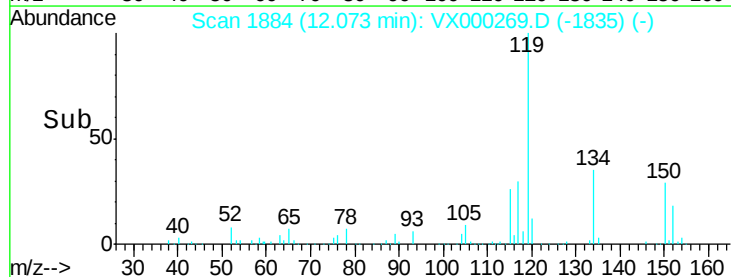
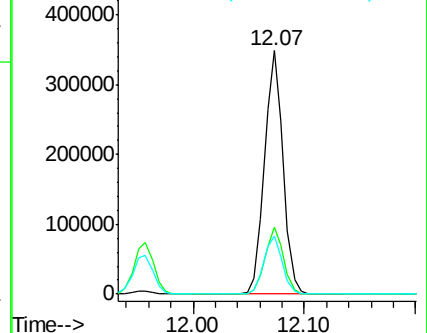
91 24.0 12.0 36.0

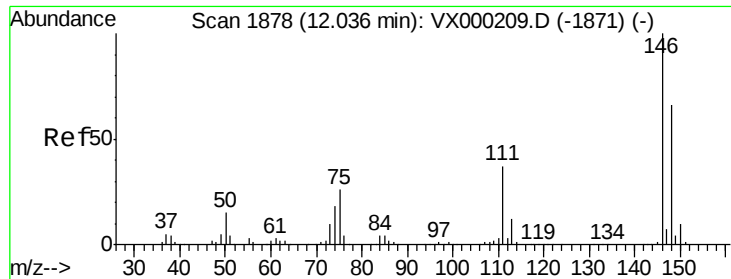


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





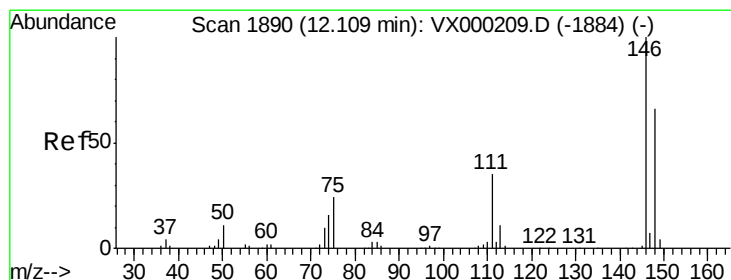
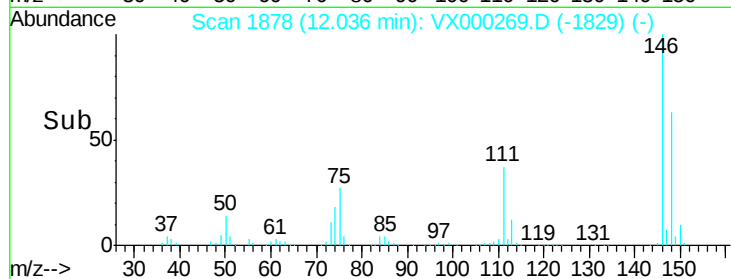
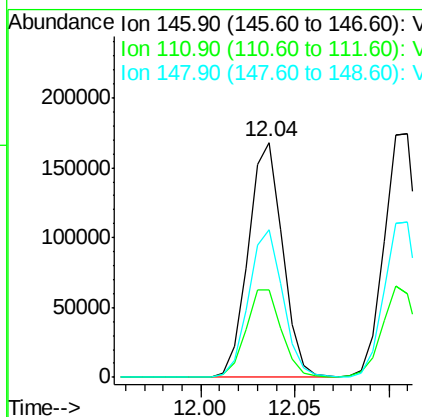
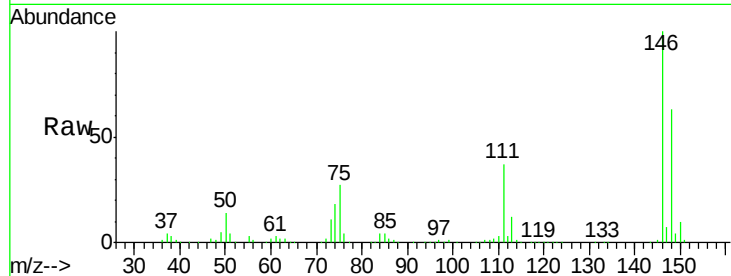
#87
 1,3-Dichlorobenzene
 Concen: 45.00 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	62.6	32.1	96.3

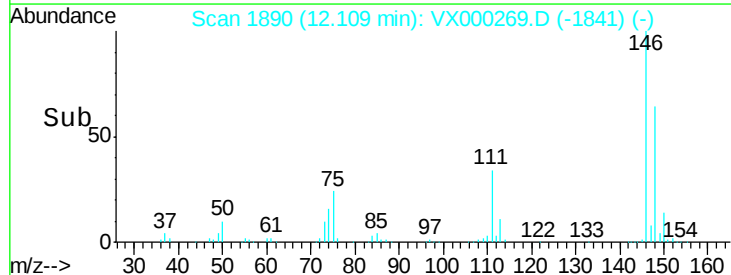
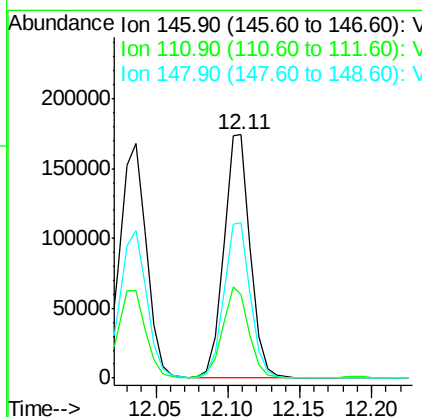
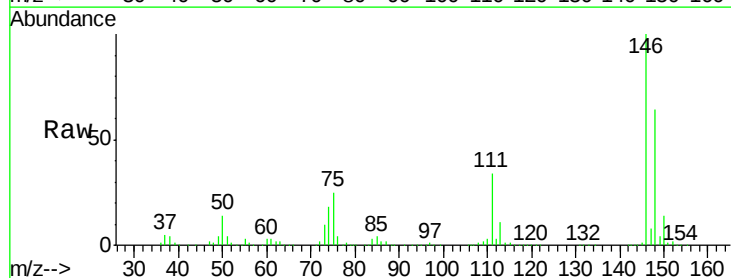
Manual Integrations
 APPROVED

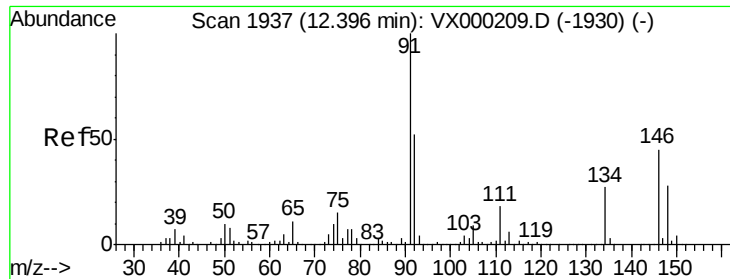
apatel
 3/13/2018 10:58:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.38 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.1	32.6	97.8





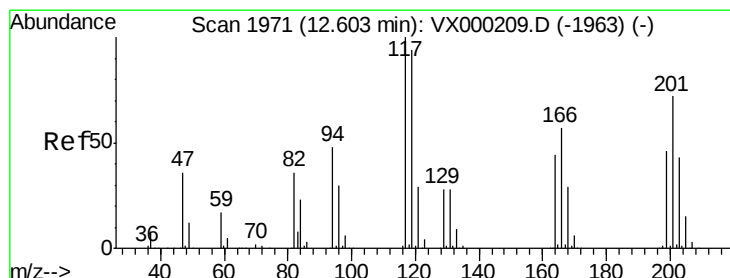
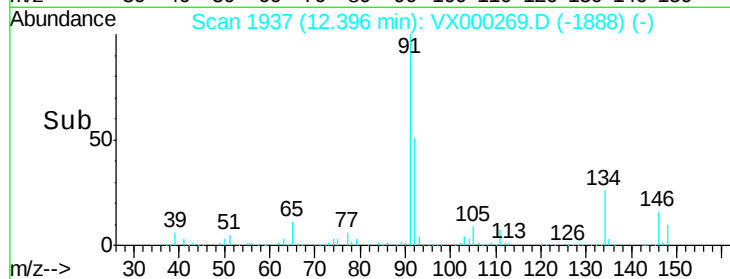
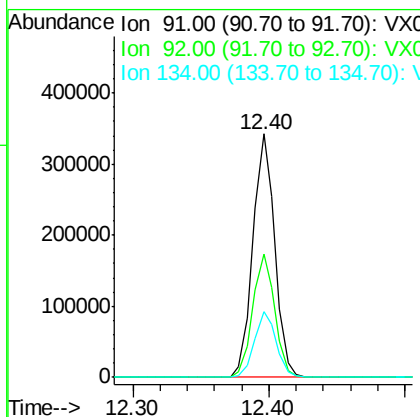
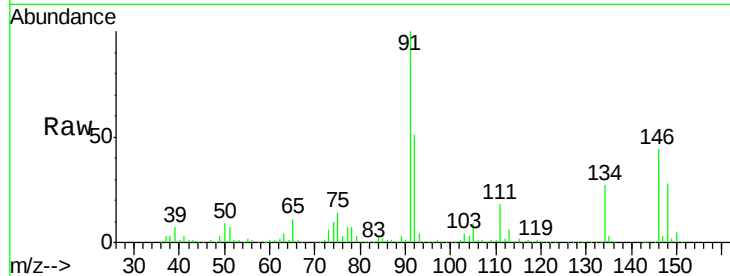
#89
n-Butylbenzene
Concen: 46.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.8	77.4
134	26.9	13.5	40.5

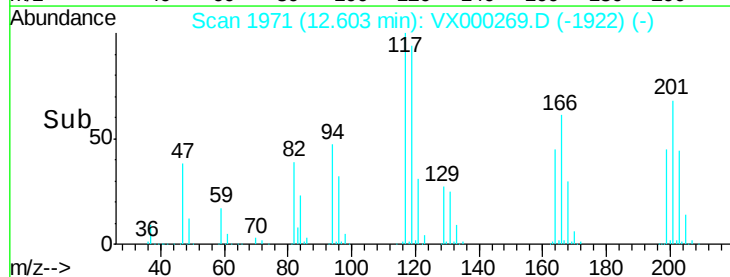
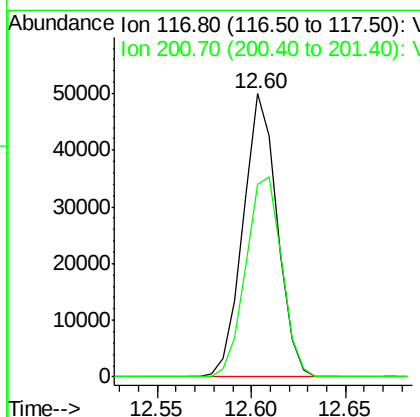
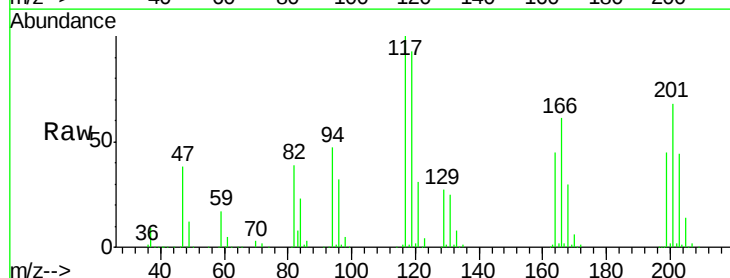
Manual Integrations
APPROVED

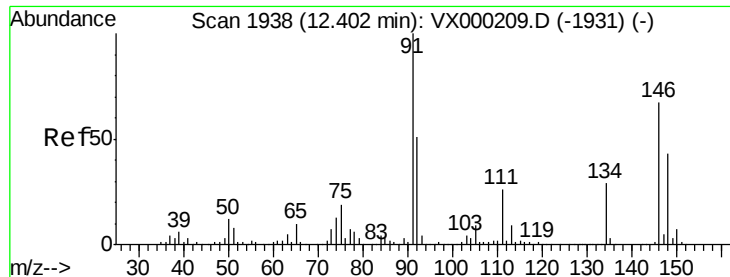
apatel
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#90
Hexachloroethane
Concen: 44.65 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	38.2	114.6





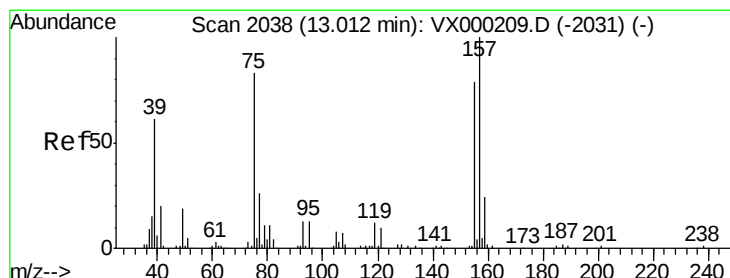
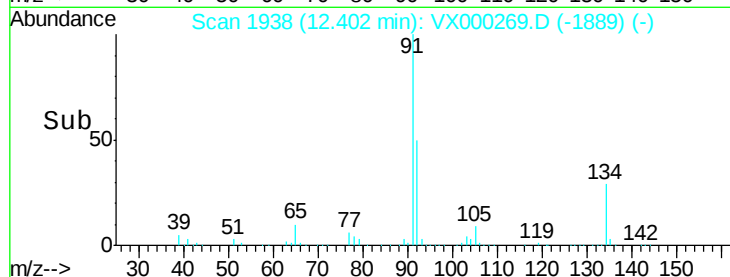
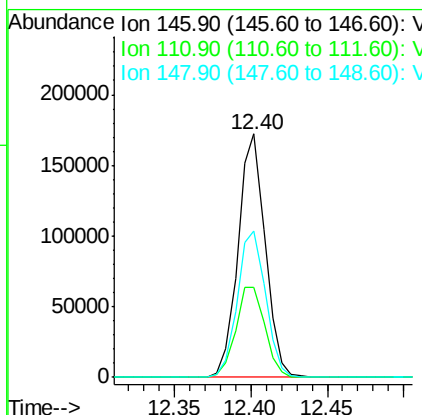
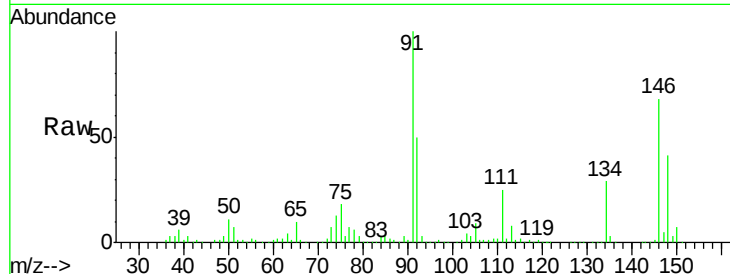
#91
1,2-Dichlorobenzene
Concen: 45.23 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211330		
111	39.8	19.7	59.0	
148	62.6	32.0	96.0	

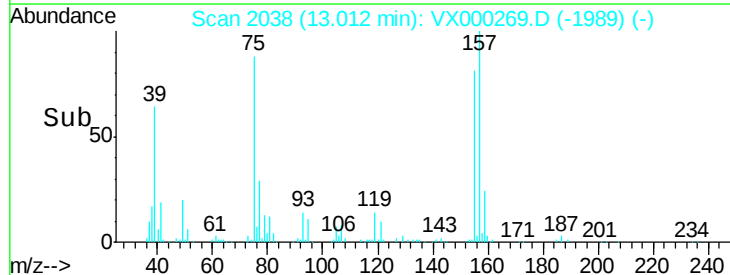
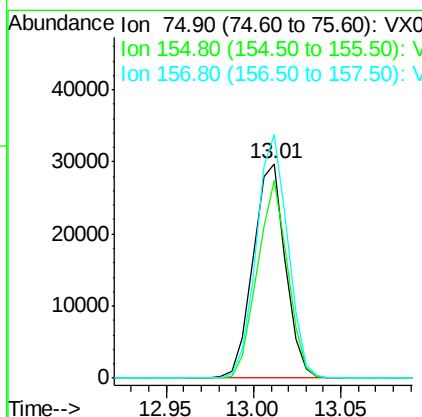
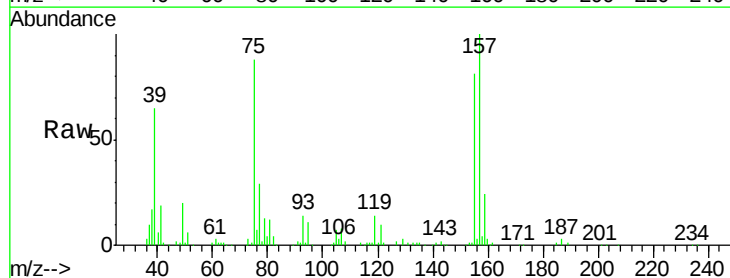
Manual Integrations
APPROVED

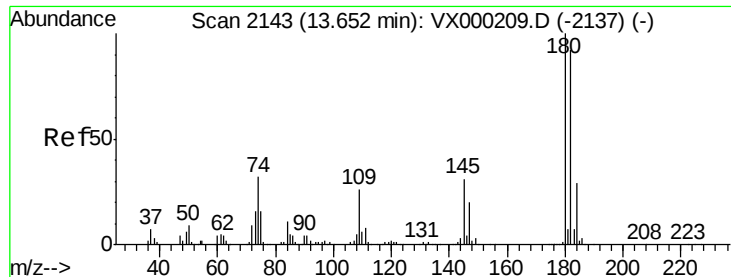
apatel
3/13/2018 10:58:27 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.35 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38143		
155	86.4	45.5	136.5	
157	110.4	58.6	175.8	





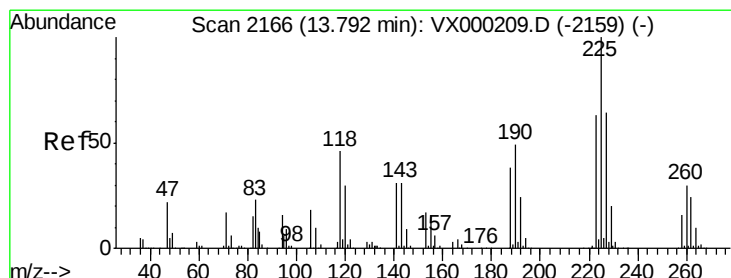
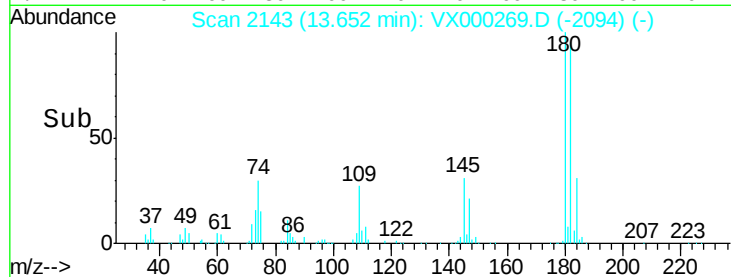
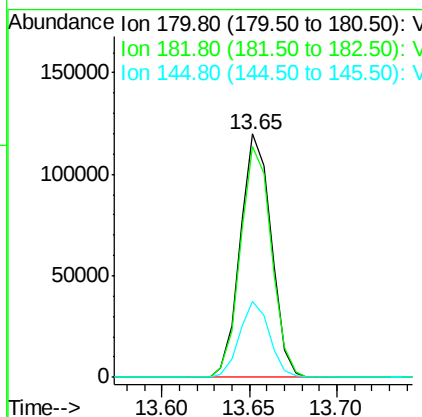
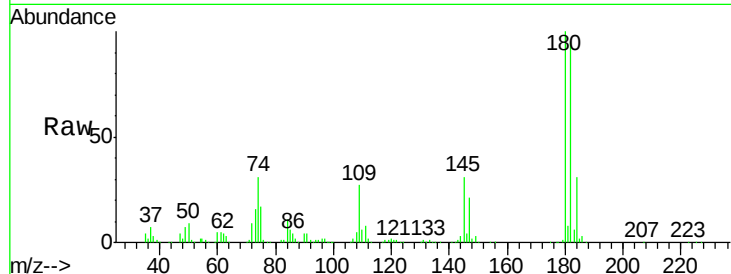
#93
 1,2,4-Trichlorobenzene
 Concen: 43.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147657		
182	95.0	47.0	141.0	
145	30.1	15.3	45.9	

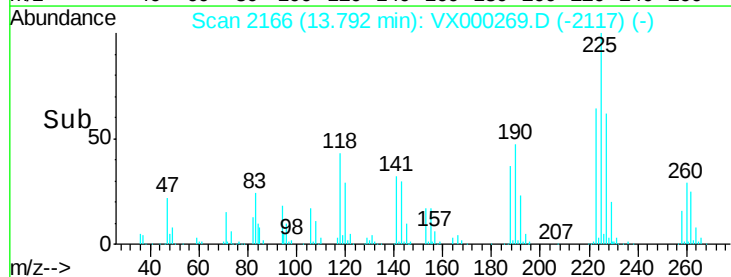
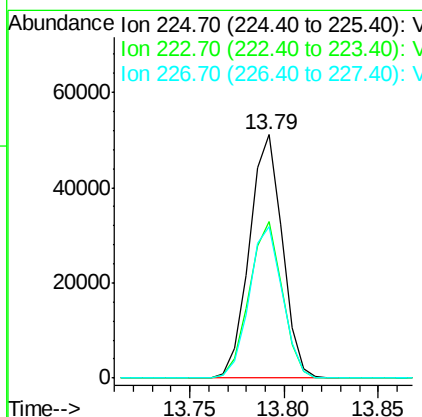
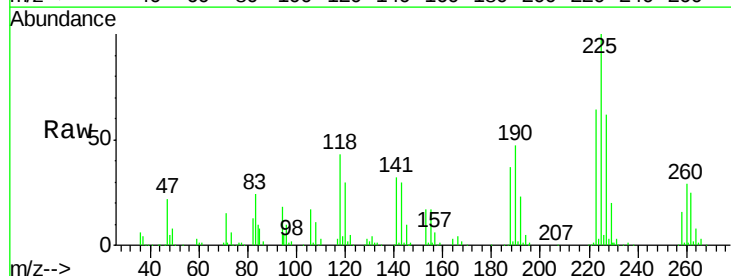
Manual Integrations
 APPROVED

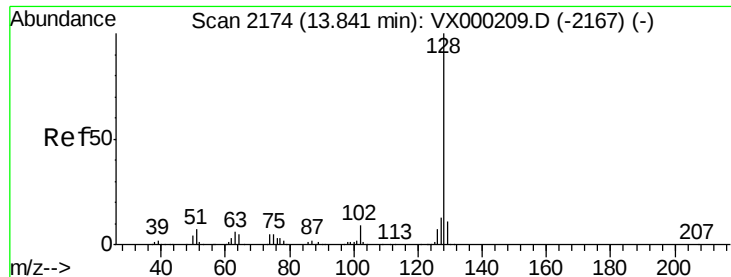
apatel
 3/13/2018 10:58:27 AM



#94
 Hexachlorobutadiene
 Concen: 43.89 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000269.D
 Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62090		
223	64.4	31.8	95.3	
227	62.9	31.9	95.5	





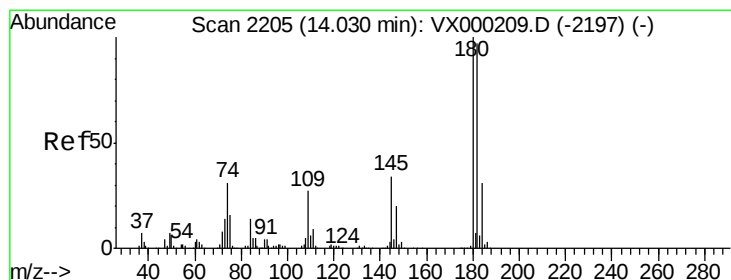
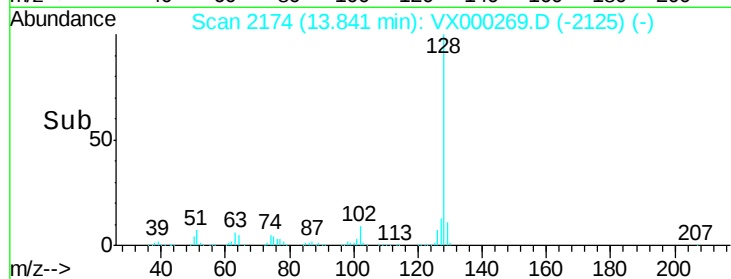
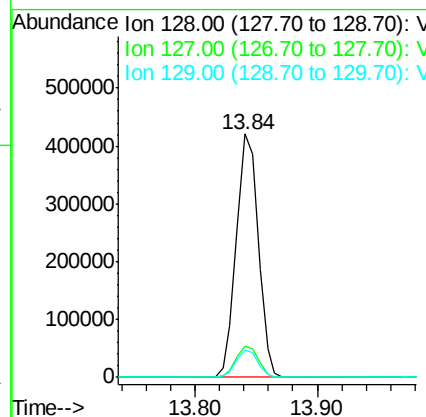
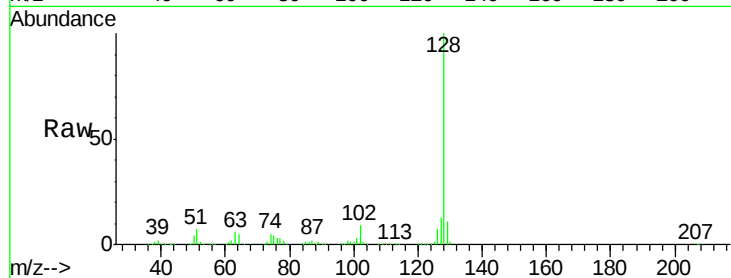
#95
Naphthalene
Concen: 43.90 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 43.22 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000269.D
Acq: 12 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.0
145	32.0	16.3	48.8

