

Data File : VX000267.D

Acq On : 09 Mar 2018 20:15

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

apatel

3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	109364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83390	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
35) Dibromofluoromethane	5.51	113	63775	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	8.73	98	248188	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.15	95	98815	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51122	42.90	ug/l	97
3) Chloromethane	1.32	50	59178	50.87	ug/l	97
4) Vinyl Chloride	1.41	62	69269	51.09	ug/l	99
5) Bromomethane	1.64	94	89081	63.36	ug/l	96
6) Chloroethane	1.72	64	49651	58.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	118810	52.82	ug/l	98
8) Diethyl Ether	2.20	74	46849	56.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59484	47.35	ug/l	99
10) Methyl Iodide	2.52	142	63136	48.01	ug/l	99
11) Tert butyl alcohol	3.09	59	144380	259.18	ug/l	100
12) 1,1-Dichloroethene	2.38	96	61956	53.71	ug/l	97
13) Acrolein	2.30	56	80860	276.10	ug/l	98
14) Allyl chloride	2.73	41	114651	53.81	ug/l	99
15) Acrylonitrile	3.16	53	277671	286.42	ug/l	98
16) Acetone	2.45	43	262505	241.11	ug/l	99
17) Carbon Disulfide	2.57	76	152420	48.23	ug/l	99
18) Methyl Acetate	2.79	43	133003	57.36	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	245461	59.76	ug/l	99
20) Methylene Chloride	2.86	84	72611	55.92	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	67682	53.35	ug/l	97
22) Diisopropyl ether	3.89	45	186525	50.98	ug/l	98
23) Vinyl Acetate	3.84	43	889479	252.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121605	54.21	ug/l	99
25) 2-Butanone	4.73	43	343819	255.89	ug/l	97
26) 2,2-Dichloropropane	4.60	77	63228	38.56	ug/l	97
27) cis-1,2-Dichloroethene	4.62	96	63726	52.98	ug/l	94
28) Bromochloromethane	5.04	49	57422	60.23	ug/l	99
29) Tetrahydrofuran	5.18	42	226448	268.34	ug/l	99
30) Chloroform	5.23	83	115301	53.17	ug/l	97
31) Cyclohexane	5.59	56	79748	48.08	ug/l	88
32) 1,1,1-Trichloroethane	5.51	97	98834	52.56	ug/l	98
36) 1,1-Dichloropropene	5.81	75	81157	48.56	ug/l	100
37) Ethyl Acetate	4.89	43	125449	51.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	81960	48.46	ug/l	98

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VSTDCCC050EC

Manual Integrations

APPROVED

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3/10/2018 12:56:08 PM

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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)
39) Methylcyclohexane	7.47	83	83017	40.49	ug/l	97
40) Benzene	6.15	78	247083	51.27	ug/l	98
41) Methacrylonitrile	5.07	41	63369	51.48	ug/l	99
42) 1,2-Dichloroethane	6.21	62	102643	54.30	ug/l	99
43) Isopropyl Acetate	6.48	43	188018	53.85	ug/l	99
44) Trichloroethene	7.22	130	66415	48.14	ug/l	96
45) 1,2-Dichloropropane	7.53	63	65519	53.67	ug/l	93
46) Dibromomethane	7.67	93	50755	52.55	ug/l	99
47) Bromodichloromethane	7.91	83	92671	54.55	ug/l	97
48) Methyl methacrylate	7.79	41	92300	53.67	ug/l	97
49) 1,4-Dioxane	7.77	88	40920	1048.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.67	43	734574	278.73	ug/l	99
52) Toluene	8.79	92	172413	52.19	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	101308	50.61	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	101905	52.62	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	76208	56.96	ug/l	99
56) Ethyl methacrylate	9.20	69	115812	57.84	ug/l	96
57) 1,3-Dichloropropane	9.38	76	121676	54.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	286407	283.32	ug/l	99
59) 2-Hexanone	9.51	43	618001	275.01	ug/l	100
60) Dibromochloromethane	9.59	129	77475	54.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	83818	56.42	ug/l	97
64) Tetrachloroethene	9.34	164	67061	48.86	ug/l	96
65) Chlorobenzene	10.15	112	200120	50.52	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	70726	52.22	ug/l	99
67) Ethyl Benzene	10.26	91	336492	48.67	ug/l	98
68) m/p-Xylenes	10.37	106	265757	99.88	ug/l	98
69) o-Xylene	10.71	106	130458	51.01	ug/l	99
70) Styrene	10.72	104	220469	51.97	ug/l	99
71) Bromoform	10.87	173	60606	44.21	ug/l #	100
73) Isopropylbenzene	11.02	105	341431	47.32	ug/l	100
74) N-amyl acetate	6.48	43	188018	50.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	137133	54.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120758m	52.27	ug/l	
77) Bromobenzene	11.26	156	89670	48.07	ug/l	96
78) n-propylbenzene	11.37	91	399211	47.01	ug/l	99
79) 2-Chlorotoluene	11.43	91	237032	49.48	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	297889	49.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	33714	44.69	ug/l	95
82) 4-Chlorotoluene	11.52	91	289498	49.71	ug/l	98
83) tert-Butylbenzene	11.78	119	284635	48.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	308579	49.81	ug/l	99
85) sec-Butylbenzene	11.96	105	353223	47.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	317819	48.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	172411	48.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181025	48.70	ug/l	99
89) n-Butylbenzene	12.40	91	293862	46.67	ug/l	100
90) Hexachloroethane	12.60	117	48840	46.36	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	174177	49.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36731	51.71	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030918\
Quantitation Report (QT Reviewed)

Data File : VX000267.D
Acq On : 09 Mar 2018 20:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 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)
93) 1,2,4-Trichlorobenzene	13.65	180	123527	48.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	43171	40.61	ug/l	99
95) Naphthalene	13.84	128	480387	53.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125536	49.68	ug/l	98

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

Data File : VX000267.D

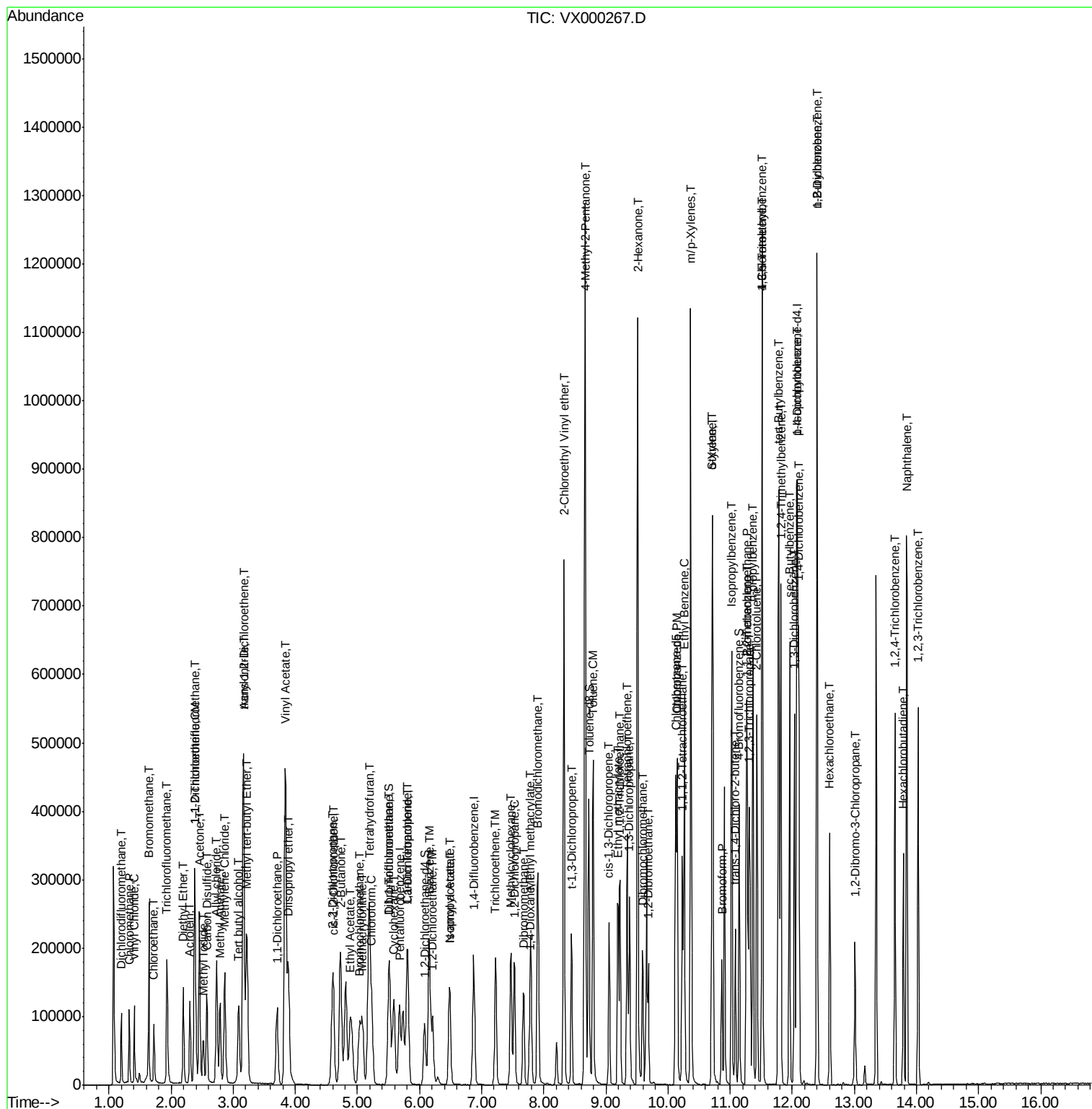
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Acq On       : 09 Mar 2018   20:15
Operator    : JC/MD
Sample      : VSTDCCC050
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 1      Sample Multiplier: 1
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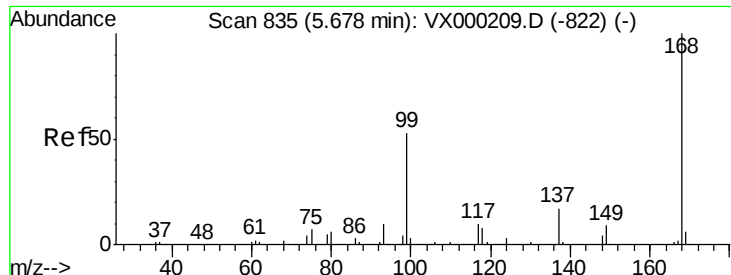
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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3/10/2018 12:56:08 PM

Quant Time: Mar 10 01:02:03 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 109364

Ion Ratio Lower Upper

168 100

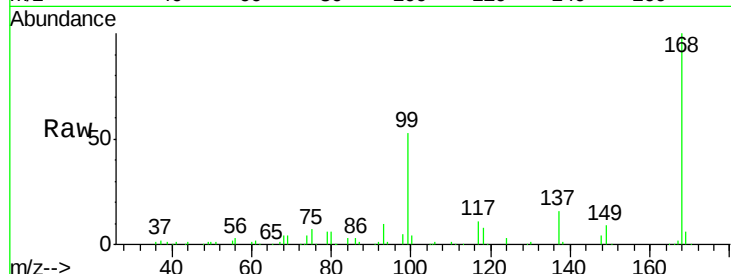
99 52.7 42.8 64.2

Manual Integrations

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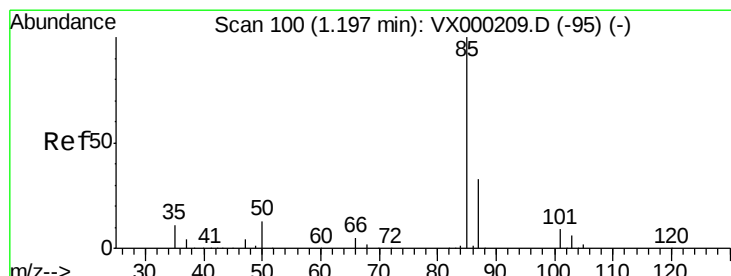
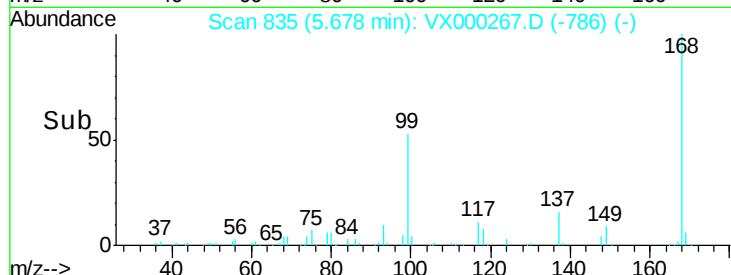
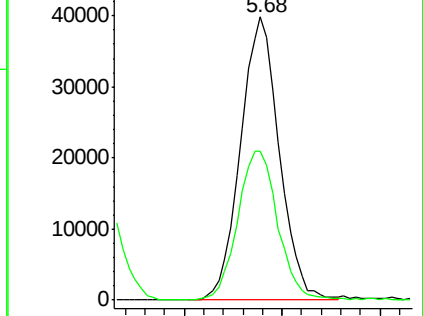
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.90 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000267.D

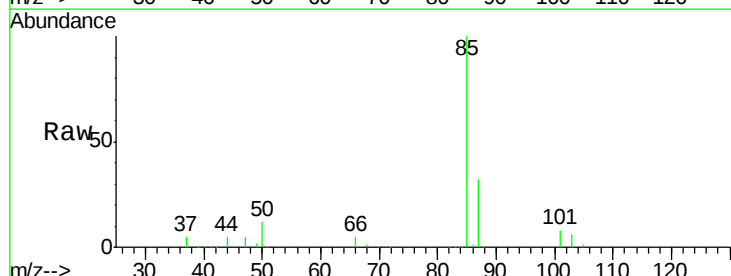
Acq: 09 Mar 2018 20:15

Tgt Ion: 85 Resp: 51122

Ion Ratio Lower Upper

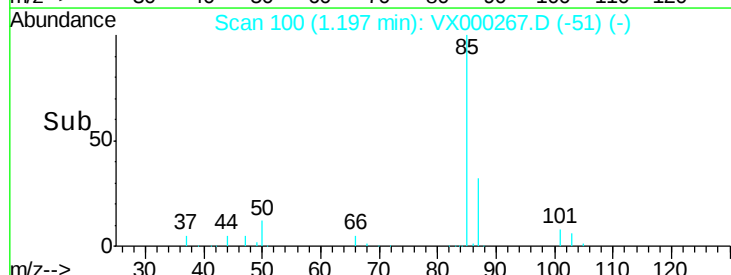
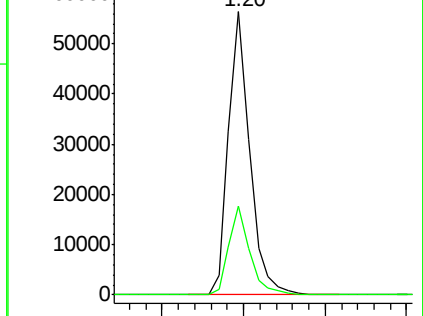
85 100

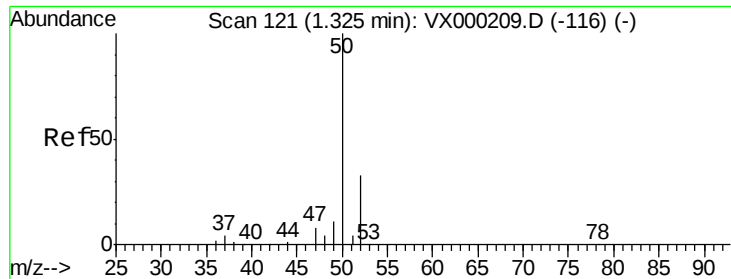
87 31.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 59178

Ion Ratio Lower Upper

50 100

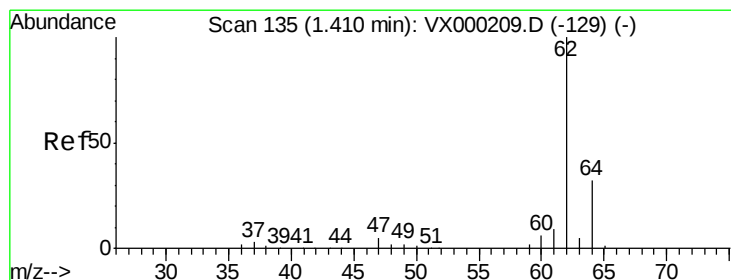
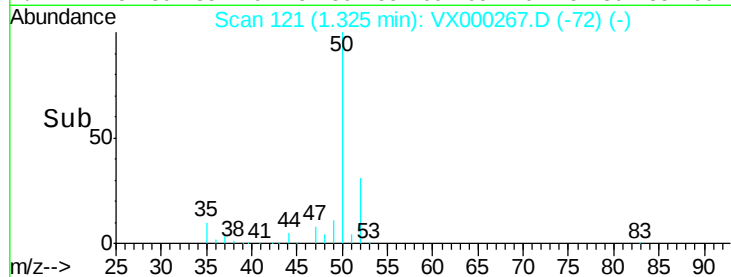
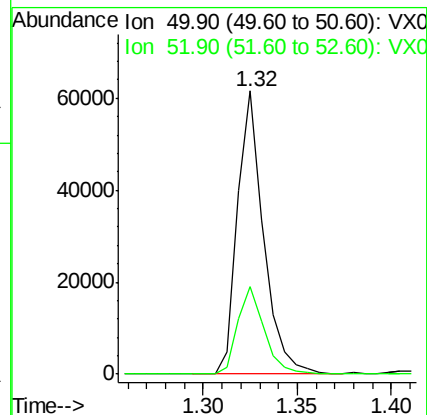
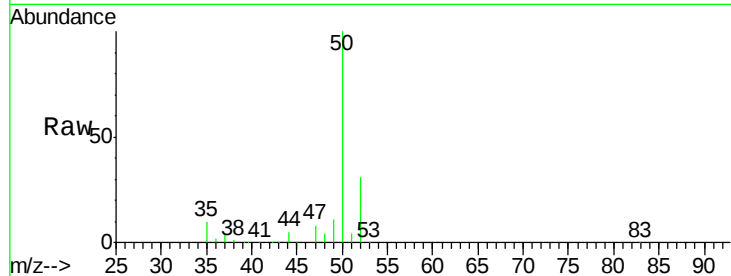
52 30.9 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.09 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000267.D

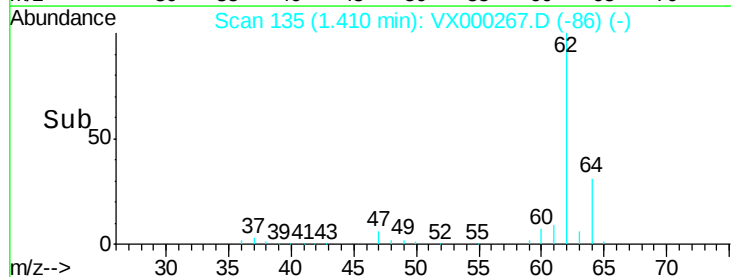
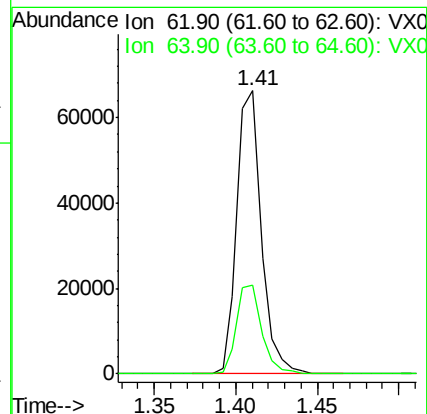
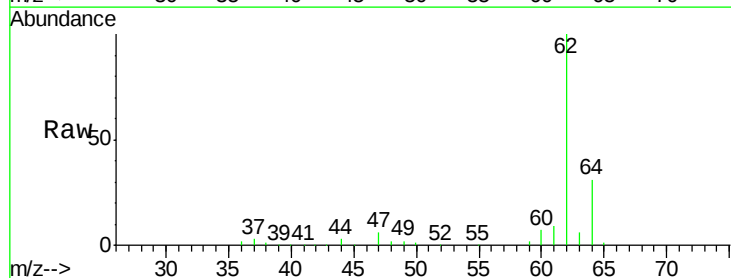
Acq: 09 Mar 2018 20:15

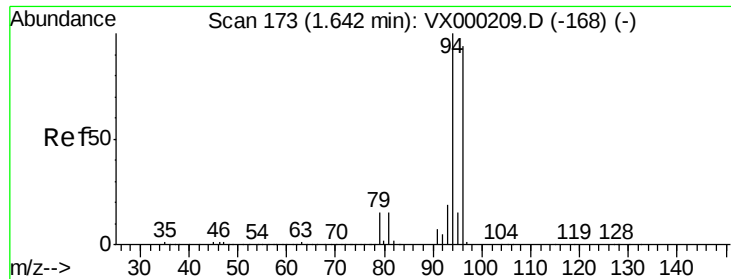
Tgt Ion: 62 Resp: 69269

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 63.36 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 89081

Ion Ratio Lower Upper

94 100

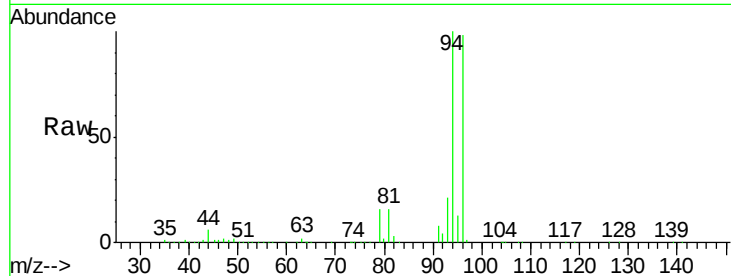
96 98.0 75.3 112.9

Manual Integrations

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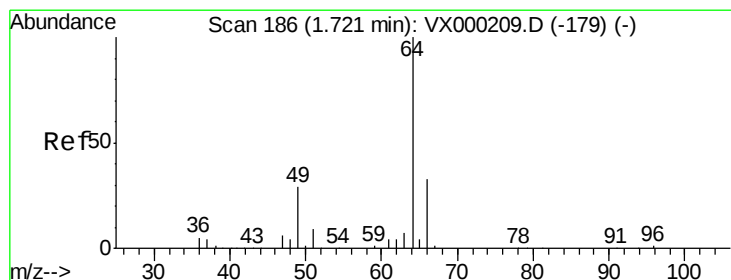
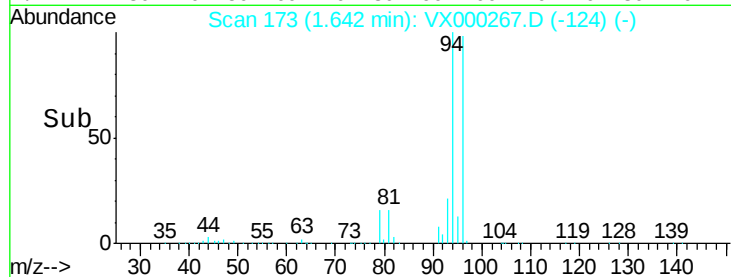
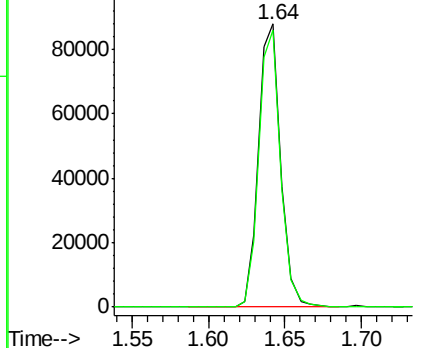
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000267.D

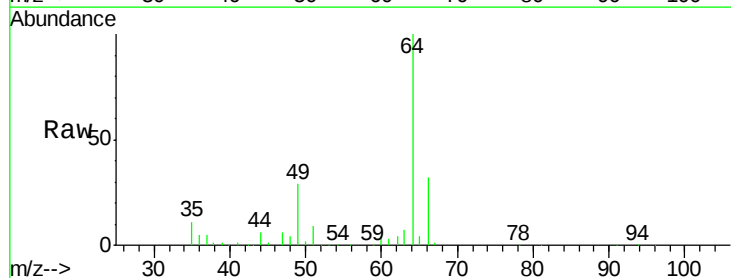
Acq: 09 Mar 2018 20:15

Tgt Ion: 64 Resp: 49651

Ion Ratio Lower Upper

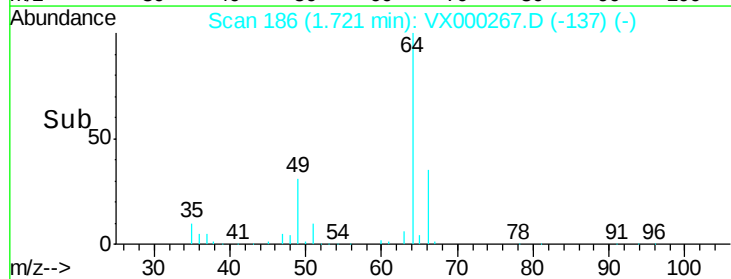
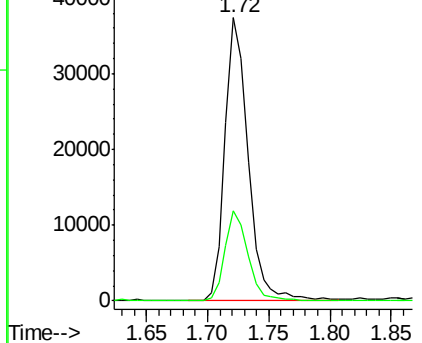
64 100

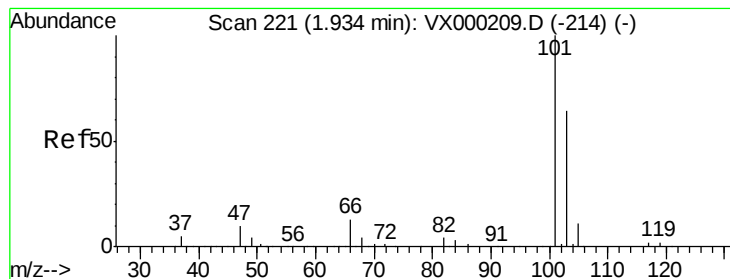
66 31.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

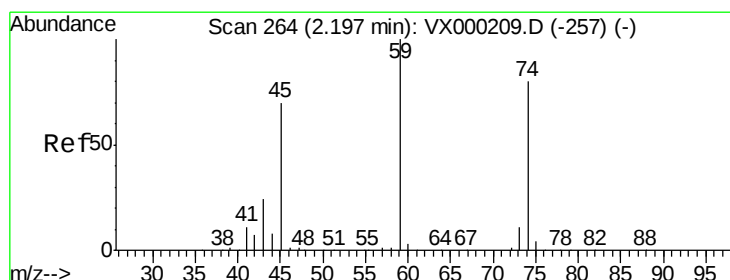
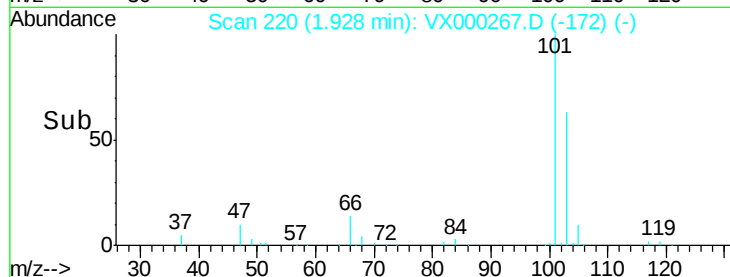
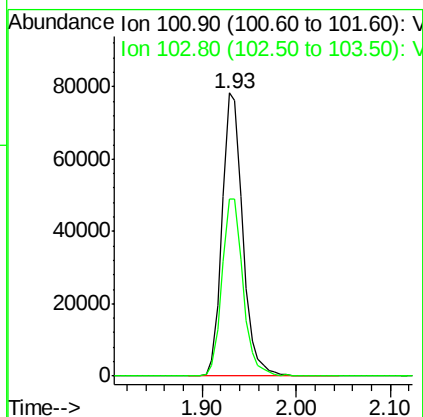
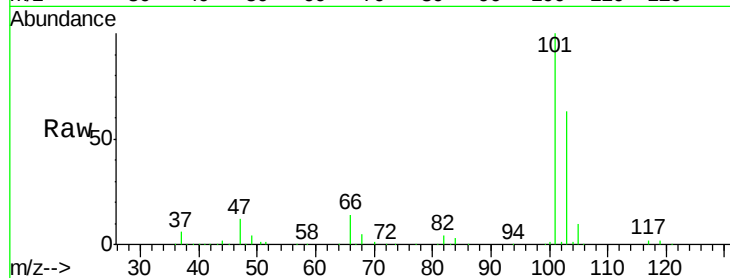
Trichlorofluoromethane
Concen: 52.82 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 118810
Ion Ratio Lower Upper
101 100
103 62.7 51.2 76.8

Manual Integrations
APPROVED

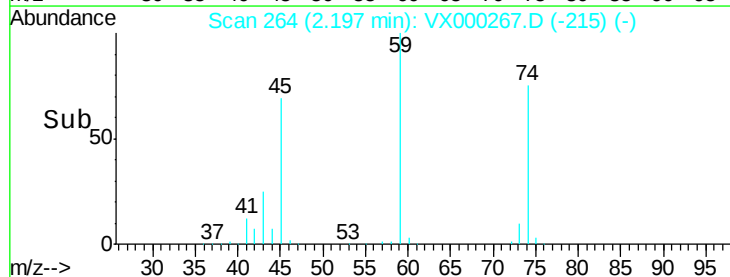
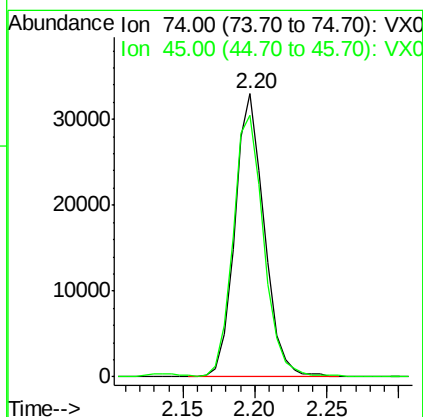
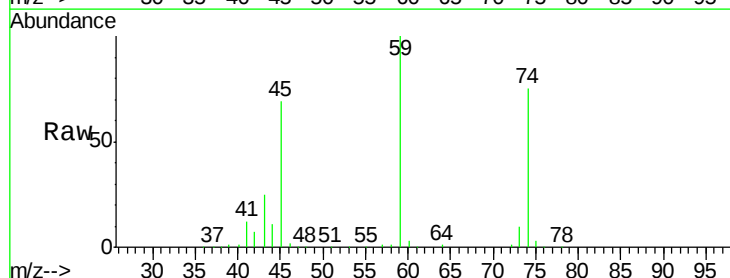
apatel
3/10/2018 12:56:08 PM

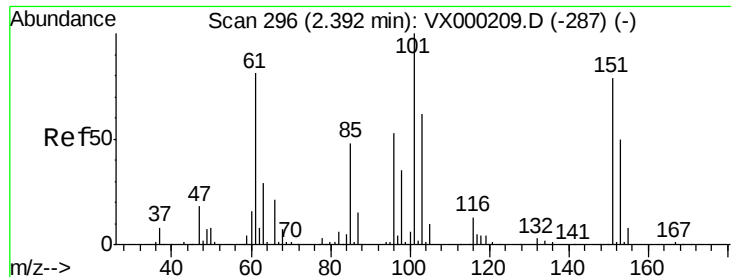


#8

Diethyl Ether
Concen: 56.75 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 74 Resp: 46849
Ion Ratio Lower Upper
74 100
45 97.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

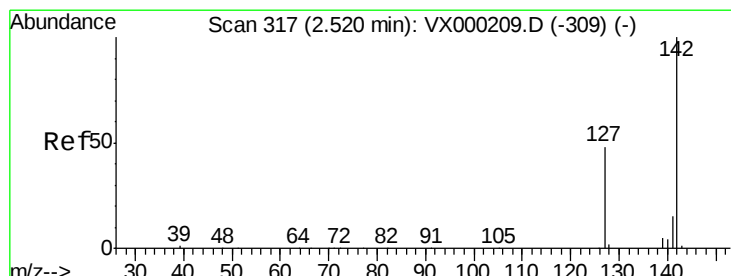
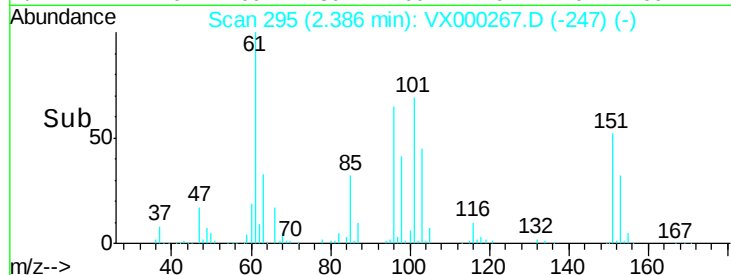
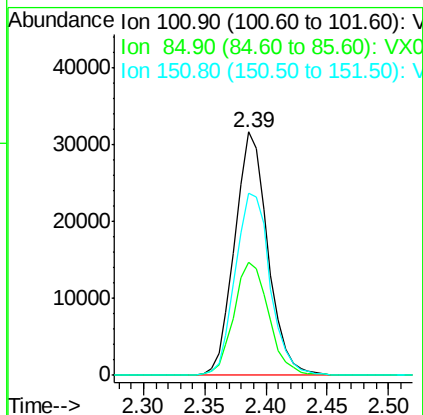
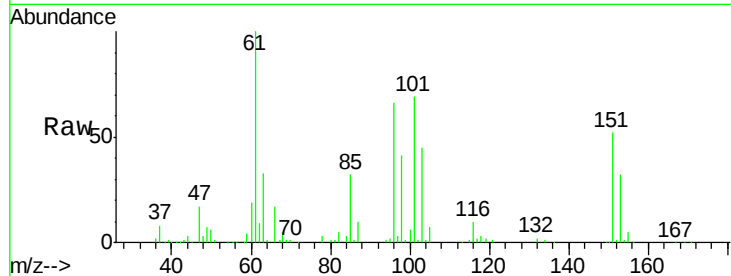
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	59484
Ion Ratio	Lower	Upper	
101	100		
85	48.9	38.3	57.5
151	79.0	62.8	94.2

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#10

Methyl Iodide

Concen: 48.01 ug/l

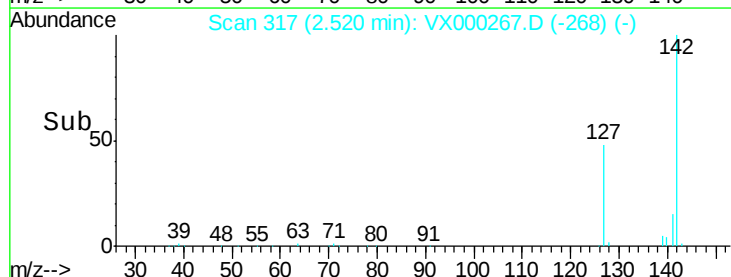
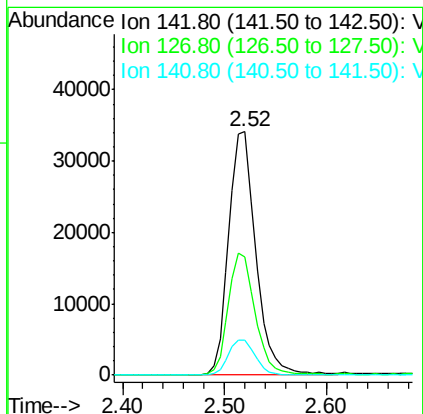
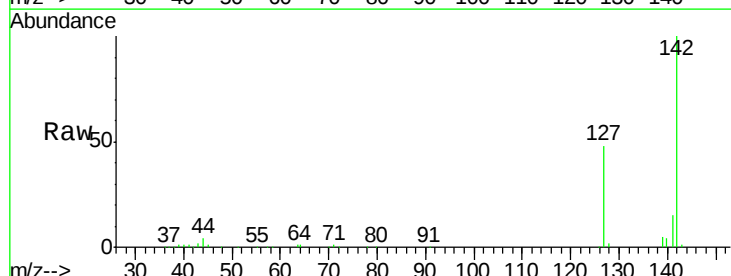
RT: 2.52 min Scan# 317

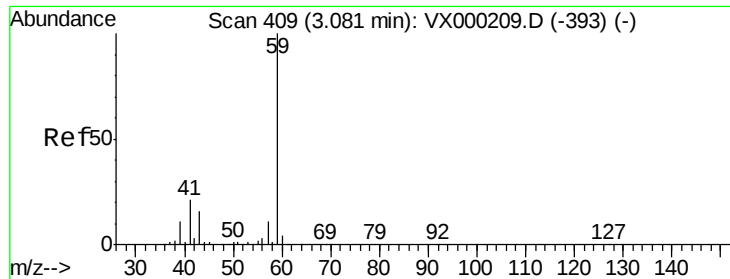
Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion:	142	Resp:	63136
Ion Ratio	Lower	Upper	
142	100		
127	49.7	39.0	58.6
141	14.4	11.6	17.4





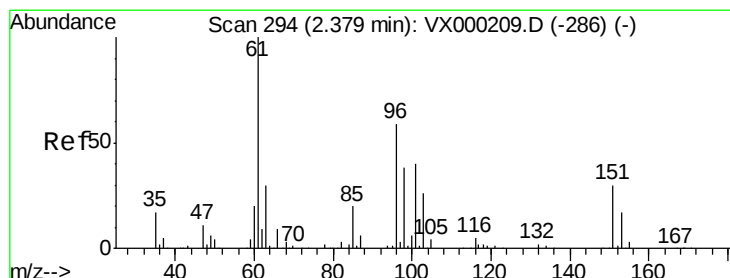
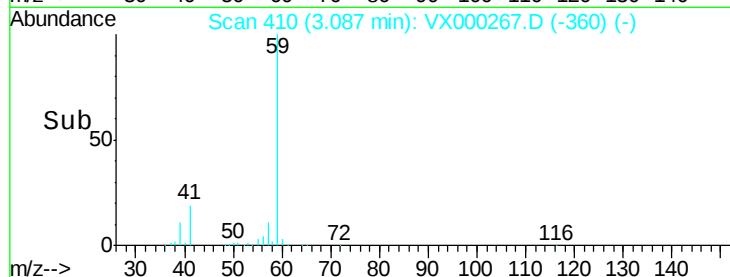
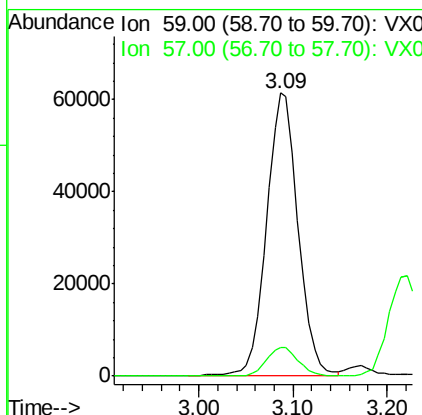
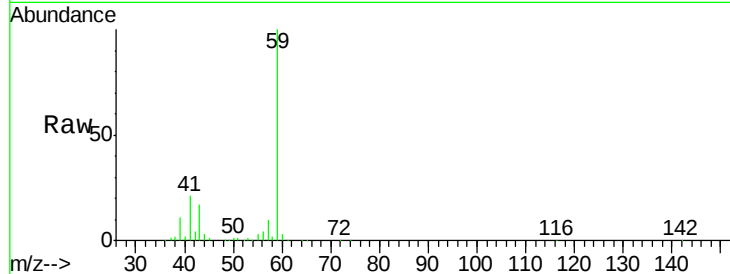
#11
Tert butyl alcohol
Concen: 259.18 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 144380
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

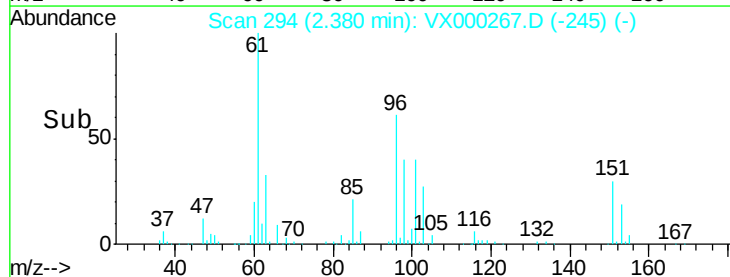
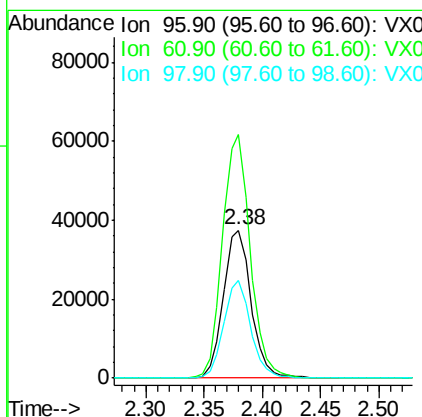
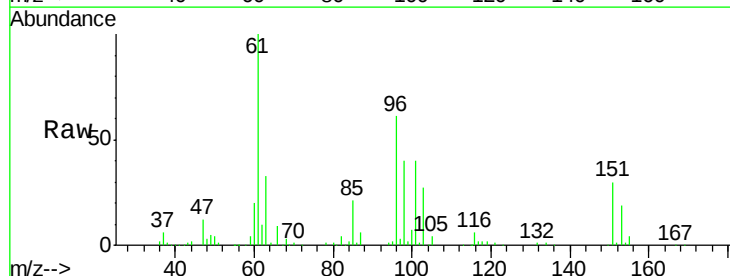
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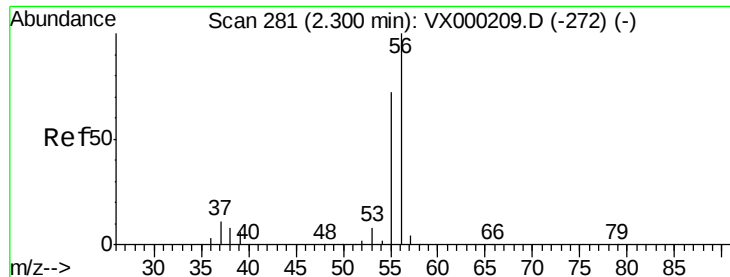
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#12
1,1-Dichloroethene
Concen: 53.71 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 96 Resp: 61956
Ion Ratio Lower Upper
96 100
61 164.8 135.8 203.6
98 66.1 51.1 76.7





#13

Acrolein

Concen: 276.10 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 80860

Ion Ratio Lower Upper

56 100

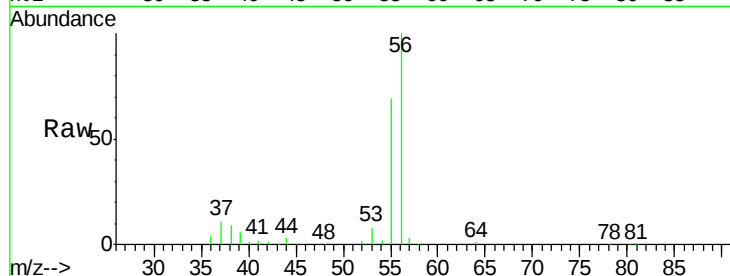
55 72.5 59.2 88.8

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

60000

50000

40000

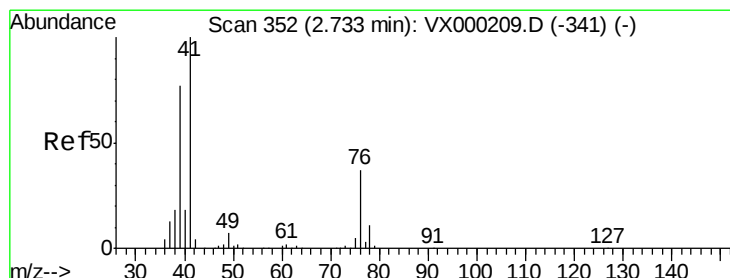
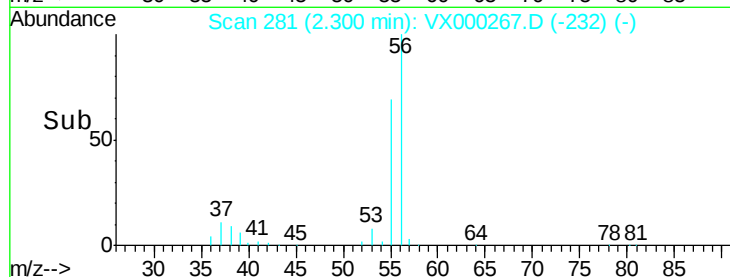
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 53.81 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

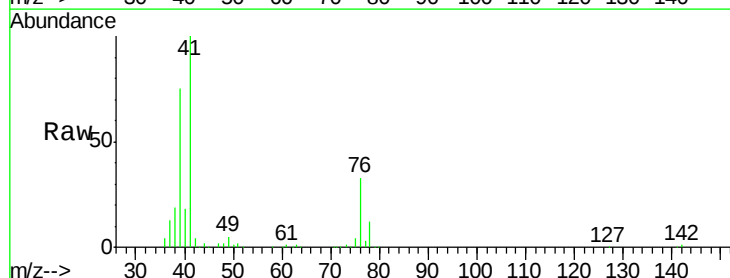
Tgt Ion: 41 Resp: 114651

Ion Ratio Lower Upper

41 100

39 70.9 57.0 85.6

76 32.4 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

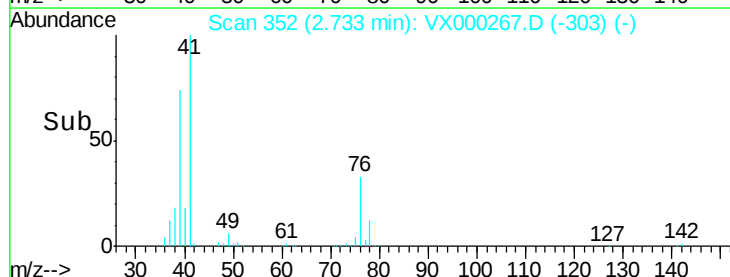
60000

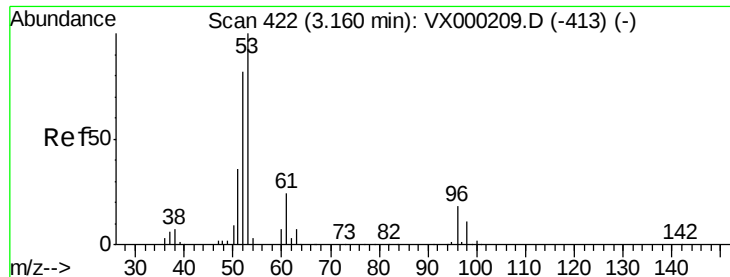
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 286.42 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

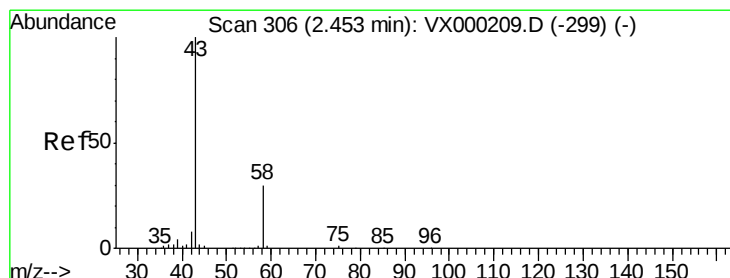
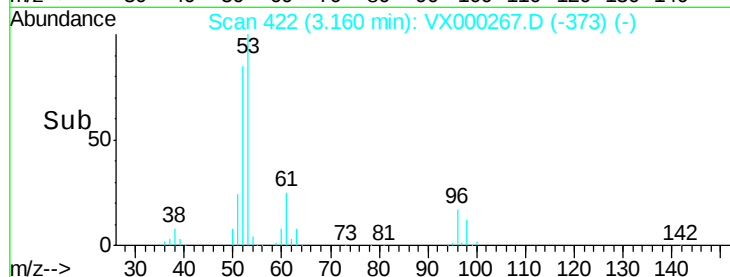
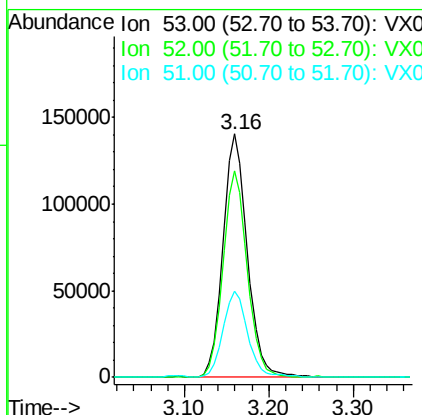
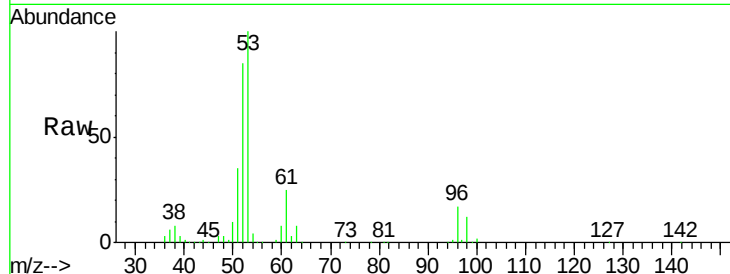
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	277671
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.3	99.5
51	36.2	29.6	44.4

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#16

Acetone

Concen: 241.11 ug/l

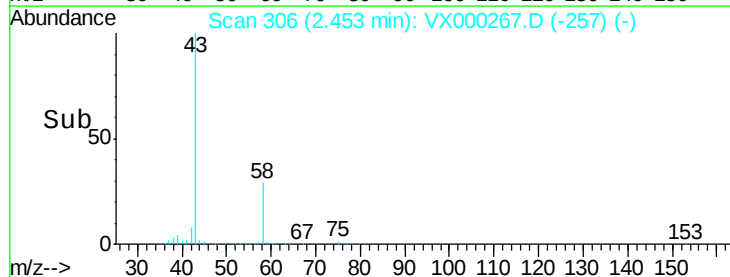
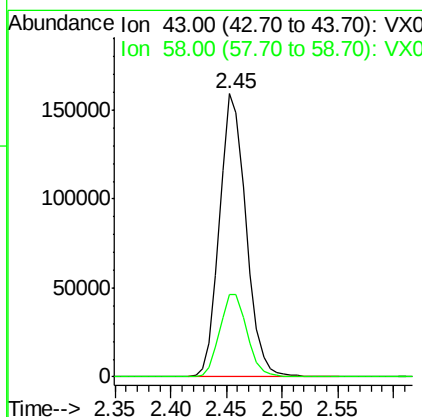
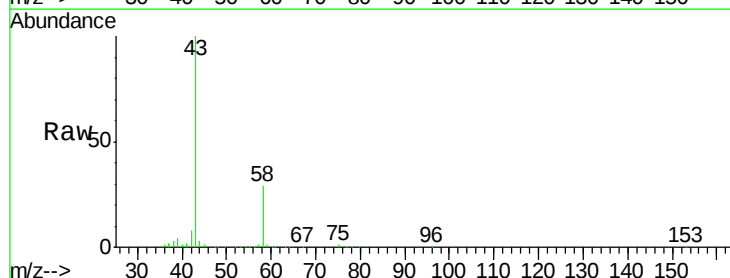
RT: 2.45 min Scan# 306

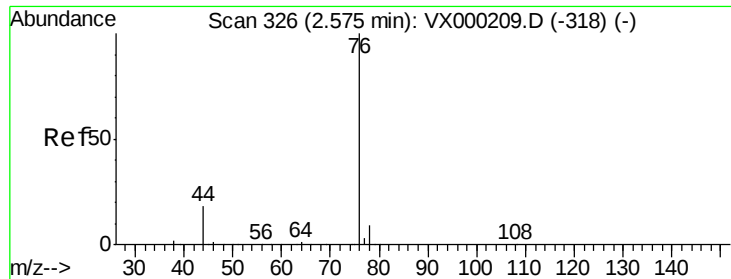
Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion:	43	Resp:	262505
Ion Ratio	Lower	Upper	
43	100		
58	29.3	23.8	35.6





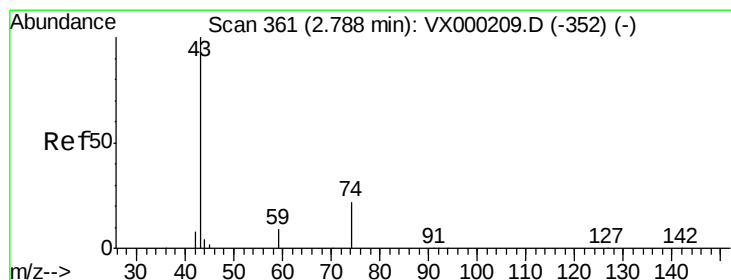
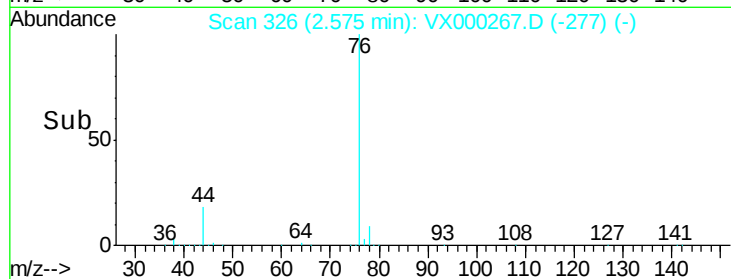
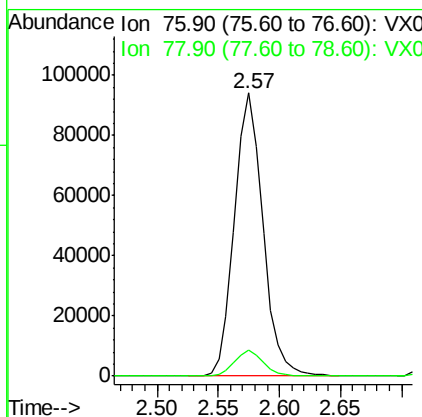
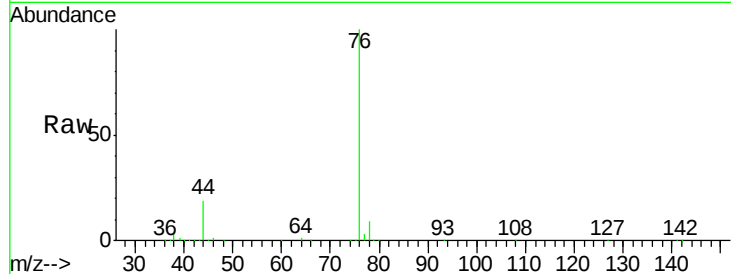
#17
Carbon Disulfide
Concen: 48.23 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 152420
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

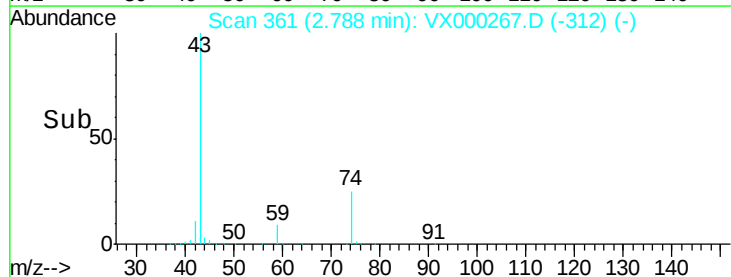
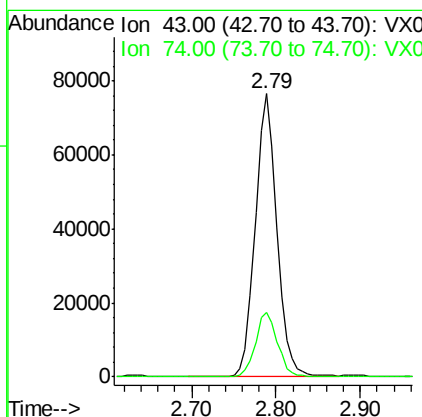
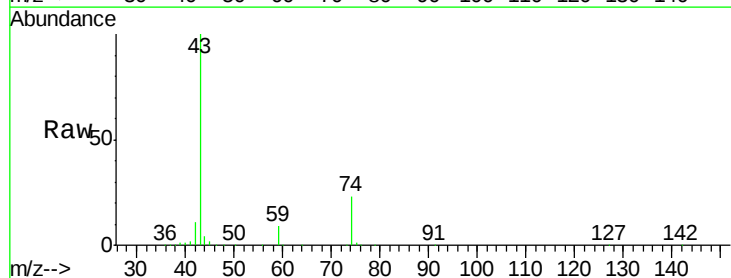
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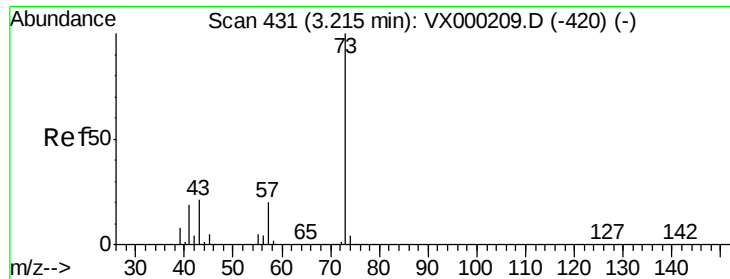
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#18
Methyl Acetate
Concen: 57.36 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 43 Resp: 133003
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3





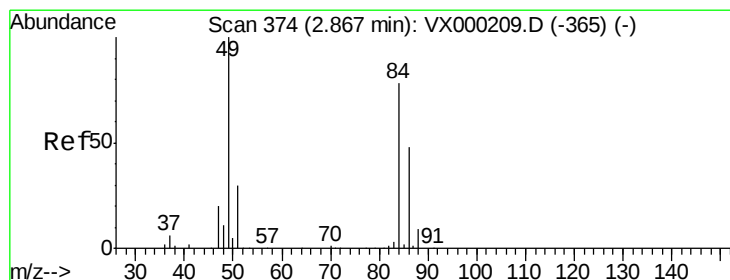
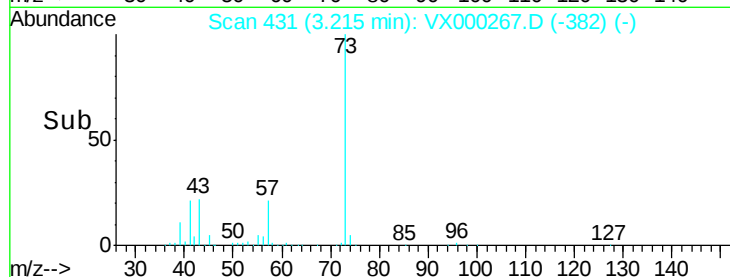
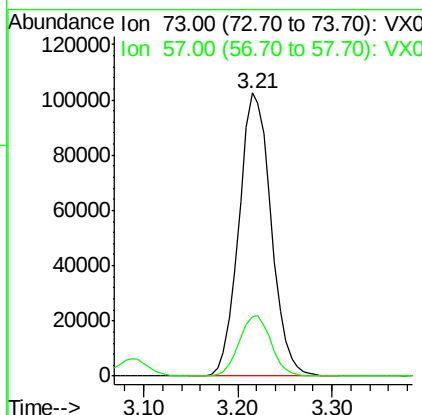
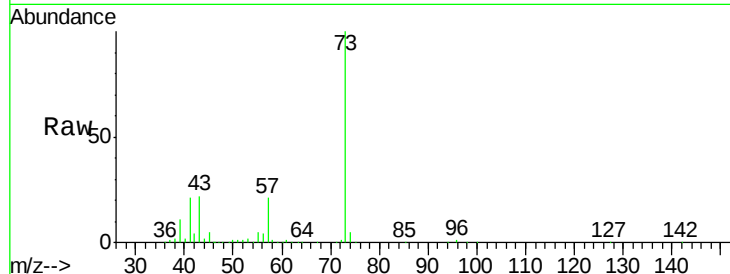
#19
Methyl tert-butyl Ether
Concen: 59.76 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 245461
Ion Ratio Lower Upper
73 100
57 20.8 16.3 24.5

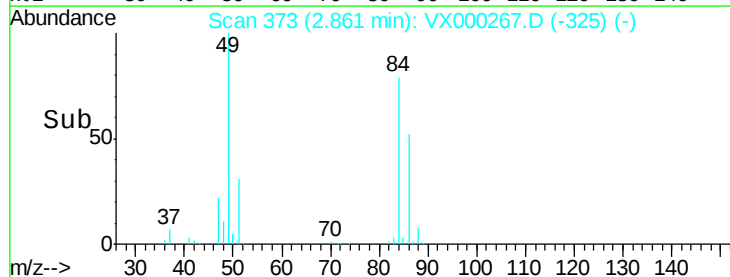
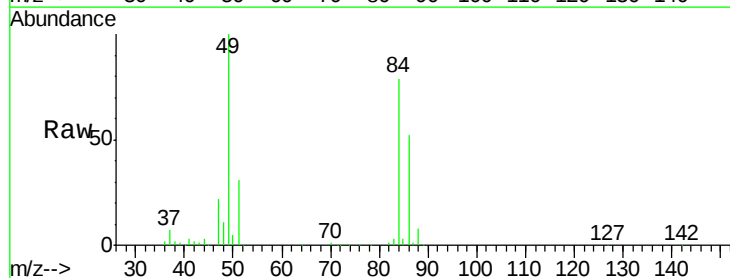
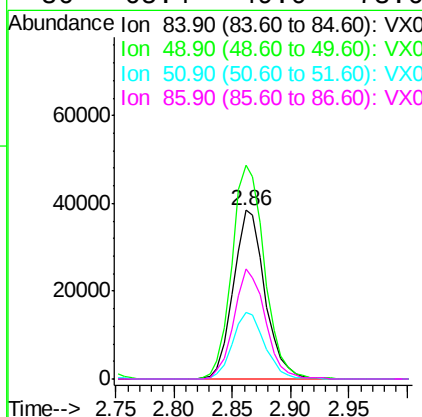
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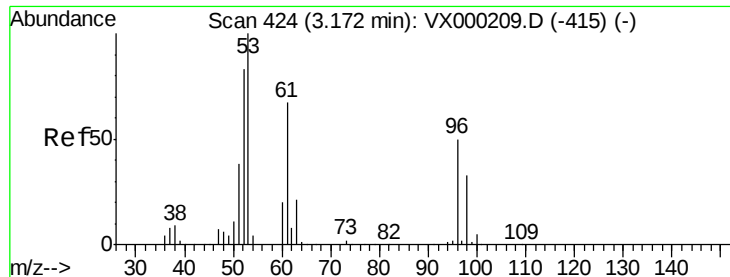
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#20
Methylene Chloride
Concen: 55.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 84 Resp: 72611
Ion Ratio Lower Upper
84 100
49 126.8 102.1 153.1
51 39.5 30.6 45.8
86 65.4 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 53.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 67682

Ion Ratio Lower Upper

96 100

61 137.5 107.0 160.4

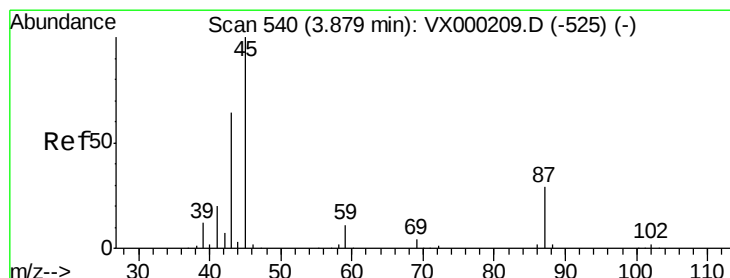
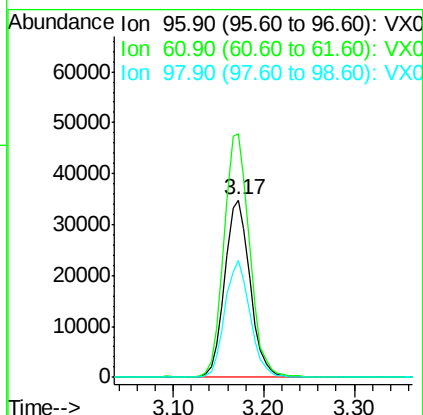
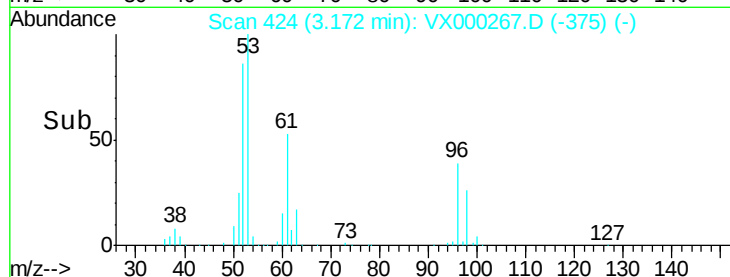
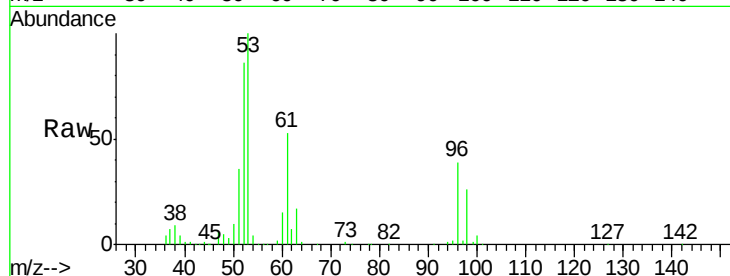
98 66.1 51.8 77.8

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#22

Diisopropyl ether

Concen: 50.98 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion: 45 Resp: 186525

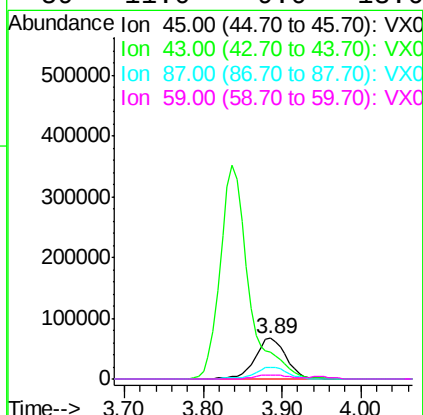
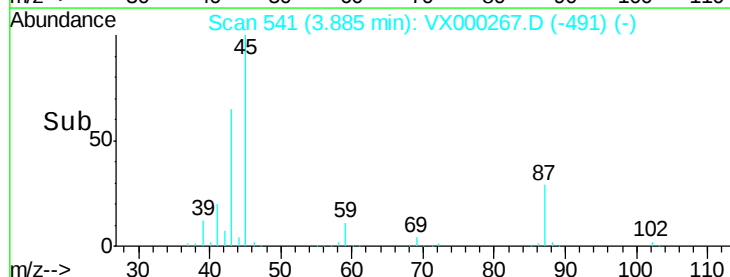
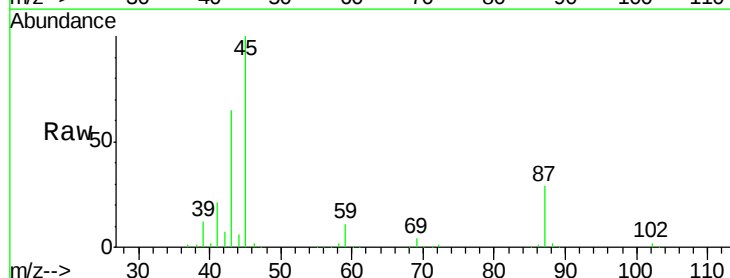
Ion Ratio Lower Upper

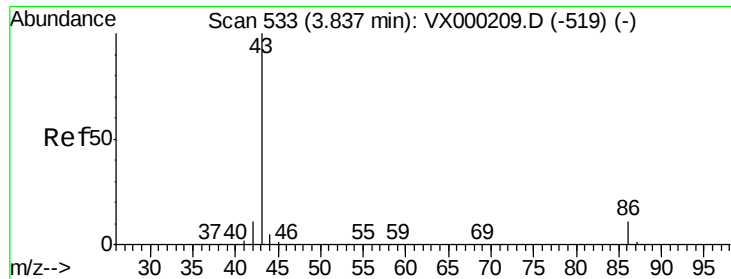
45 100

43 65.0 53.5 80.3

87 29.2 23.3 34.9

59 11.0 9.0 13.6





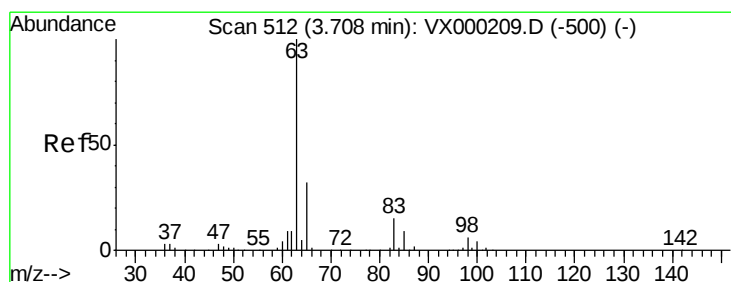
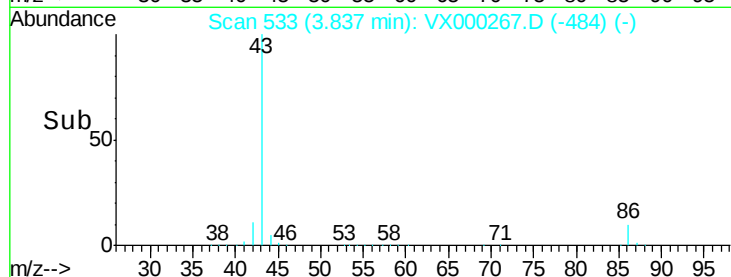
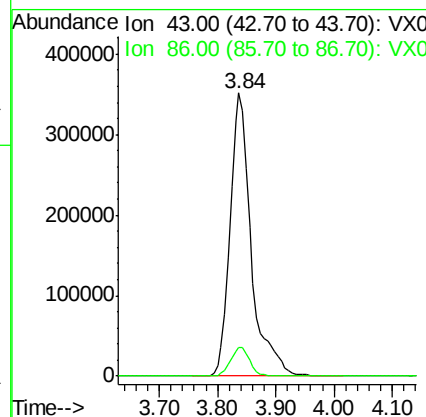
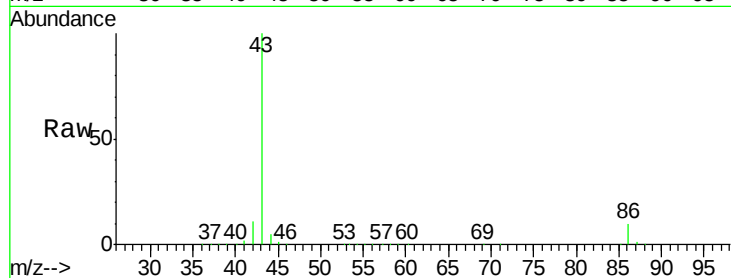
#23
 Vinyl Acetate
 Concen: 252.23 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.5	12.7

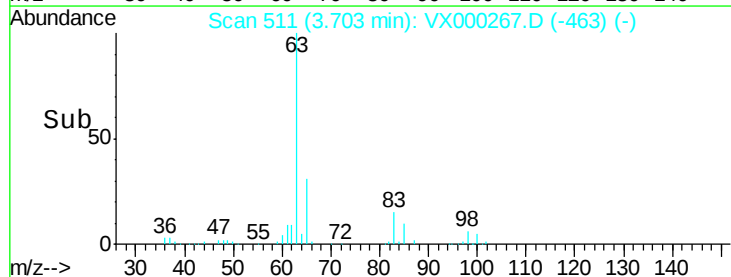
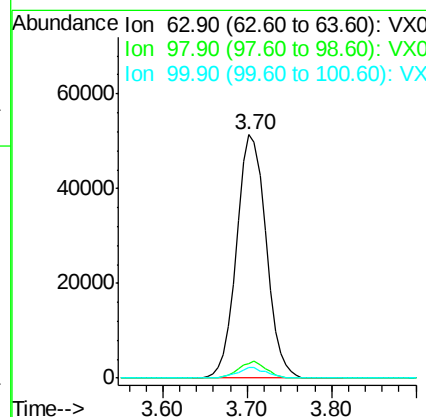
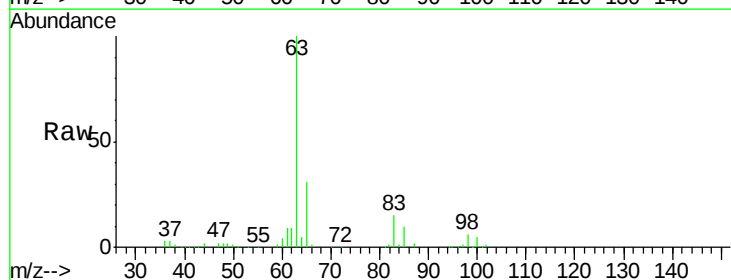
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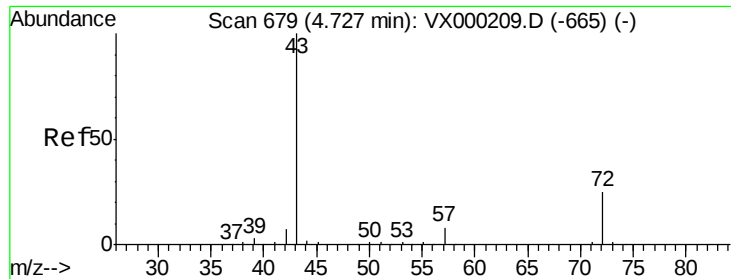
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#24
 1,1-Dichloroethane
 Concen: 54.21 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.1	9.4
100	4.6	2.2	6.6





#25

2-Butanone

Concen: 255.89 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 343819

Ion Ratio Lower Upper

43 100

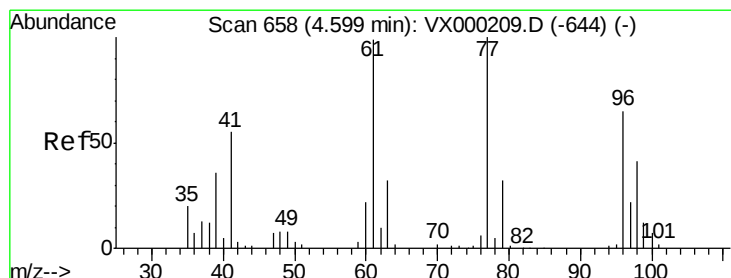
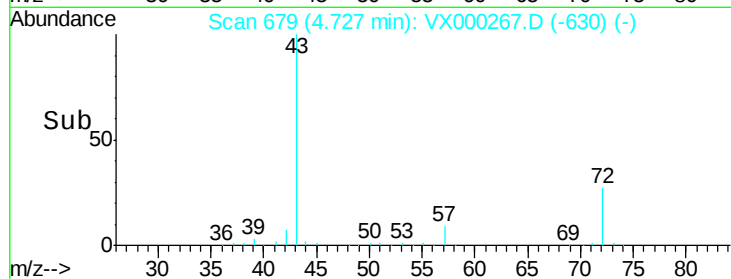
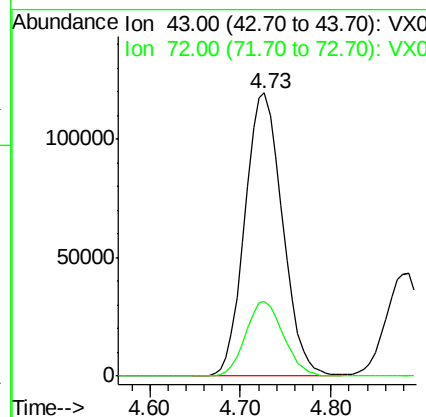
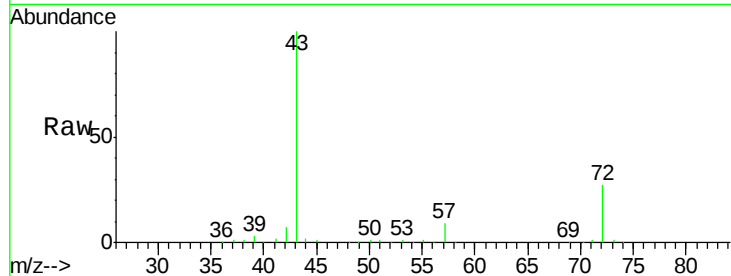
72 26.6 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 38.56 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000267.D

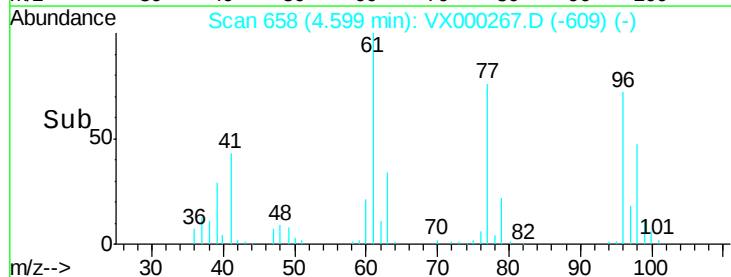
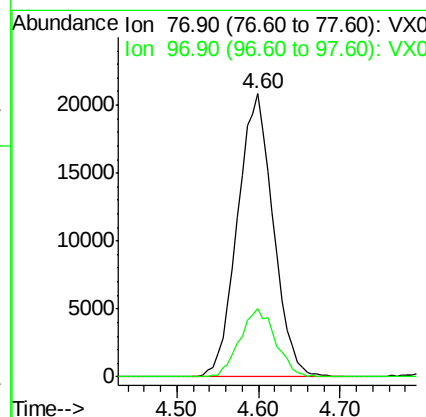
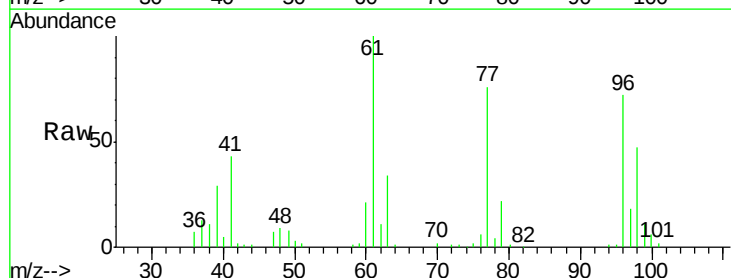
Acq: 09 Mar 2018 20:15

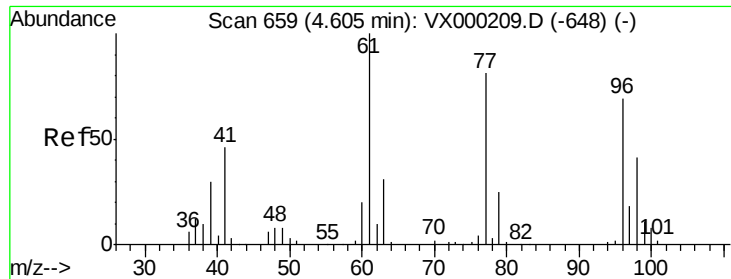
Tgt Ion: 77 Resp: 63228

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1





#27

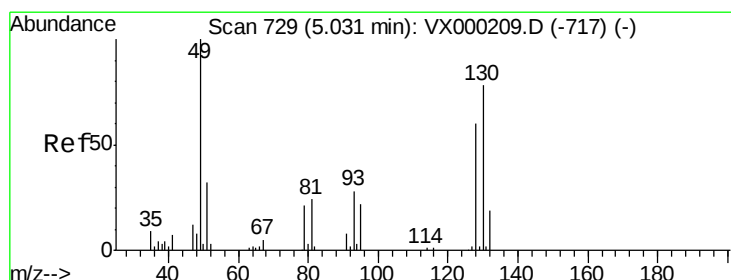
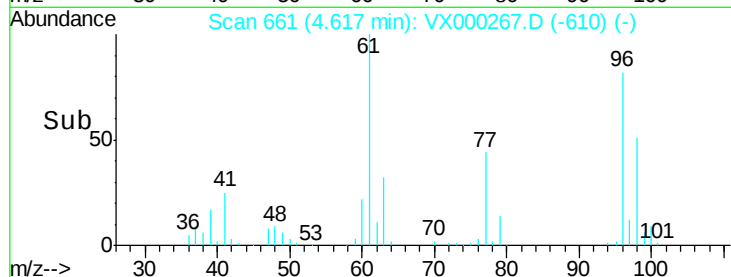
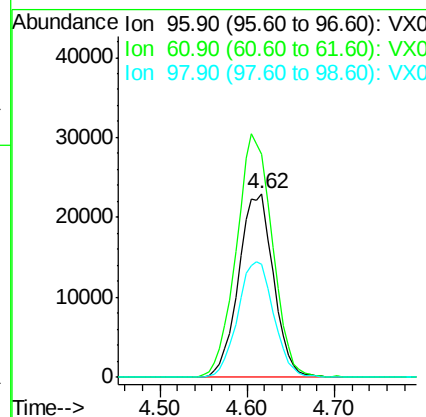
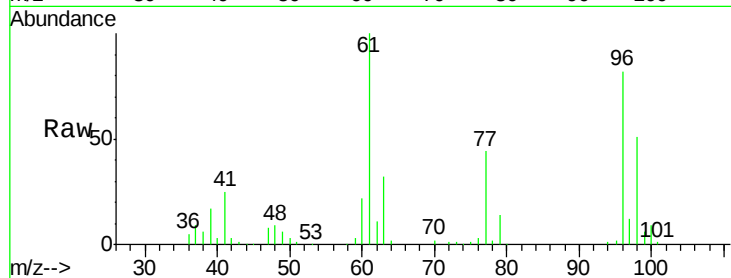
cis-1,2-Dichloroethene
Concen: 52.98 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 63726
Ion Ratio Lower Upper
96 100
61 136.9 0.0 296.4
98 64.8 0.0 130.6

Manual Integrations
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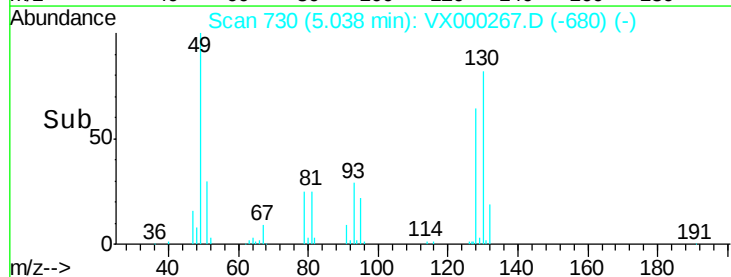
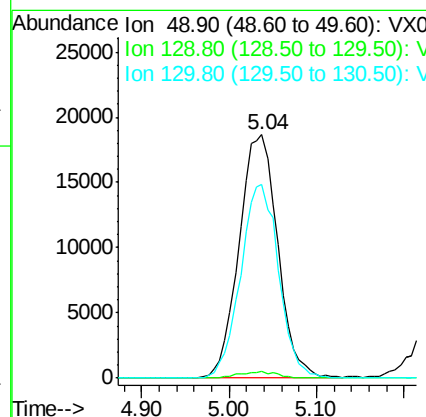
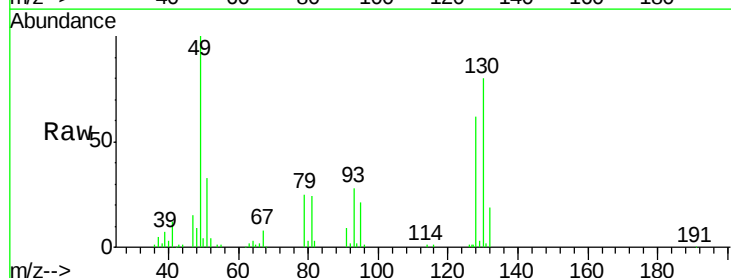
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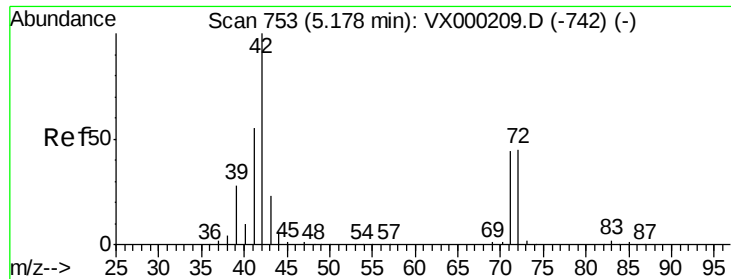


#28

Bromochloromethane
Concen: 60.23 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 49 Resp: 57422
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 78.0 63.5 95.3





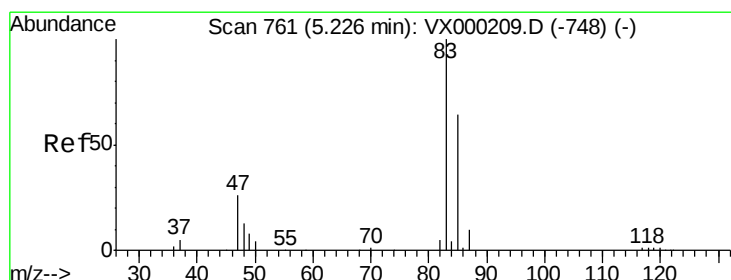
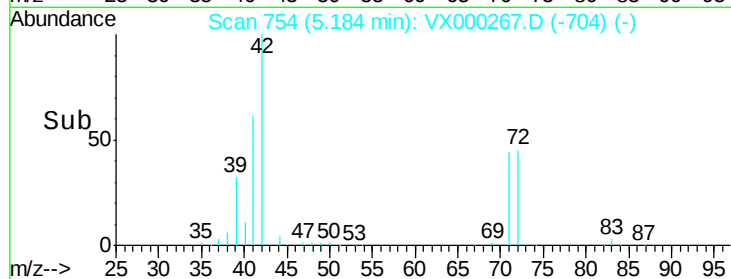
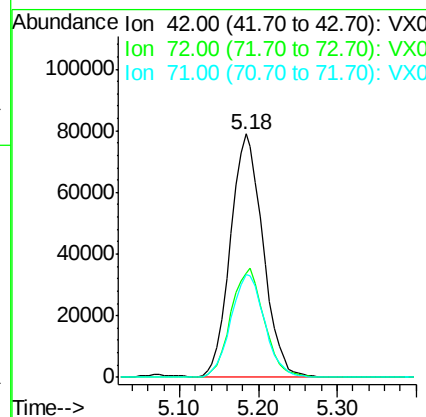
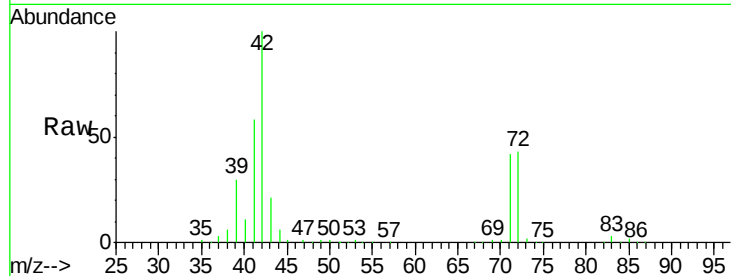
#29
Tetrahydrofuran
Concen: 268.34 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.3	55.9
71	43.6	35.0	52.4

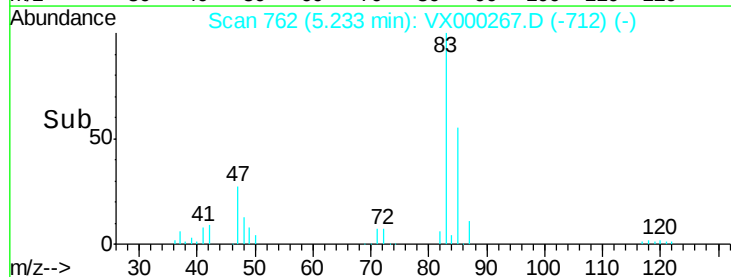
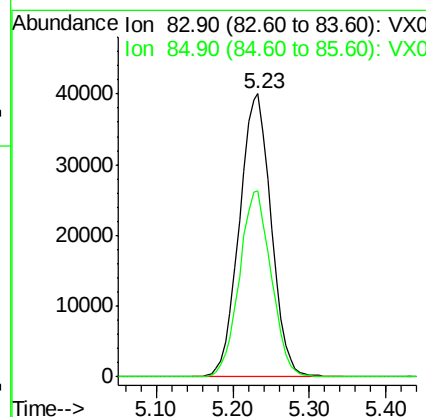
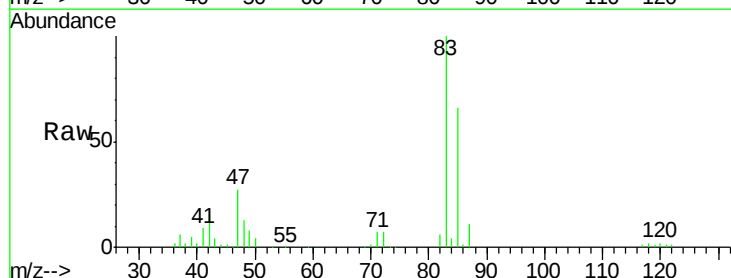
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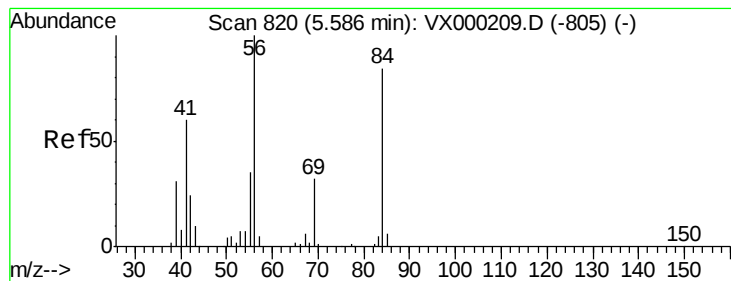
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#30
Chloroform
Concen: 53.17 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.0	76.6





#31

Cyclohexane

Concen: 48.08 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

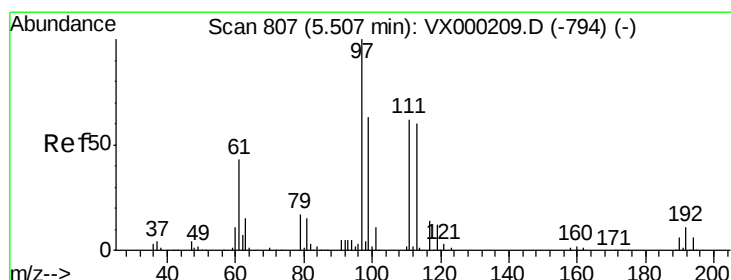
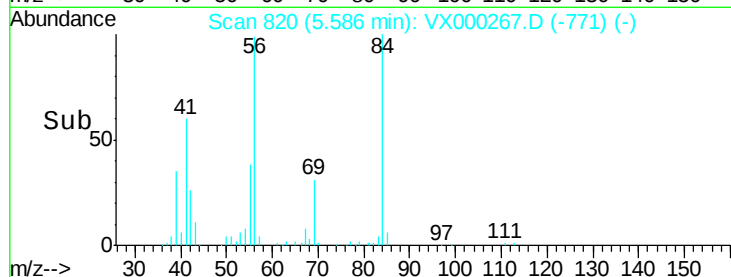
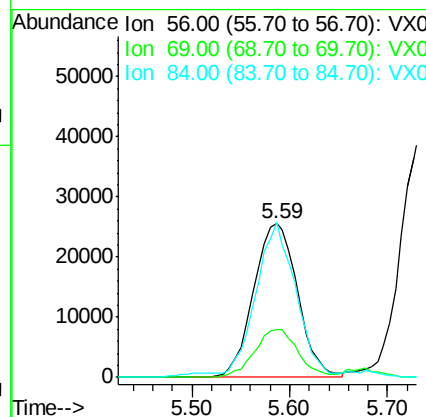
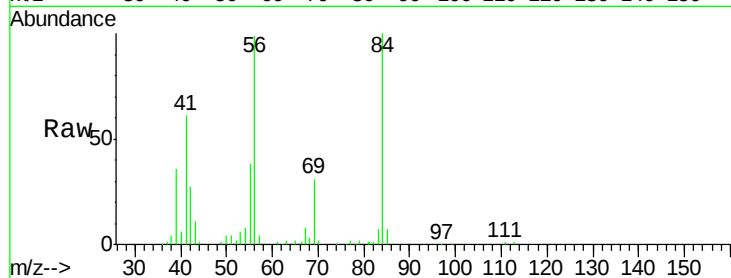
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	79748
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.3	37.9
84	98.4	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.56 ug/l

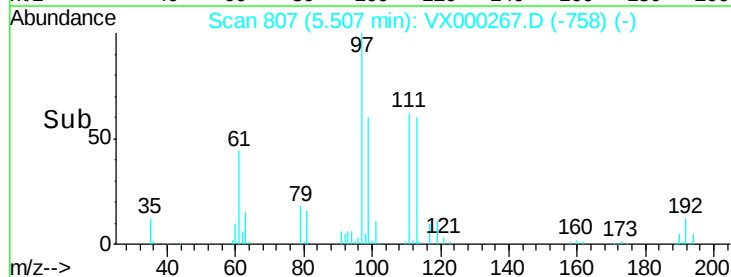
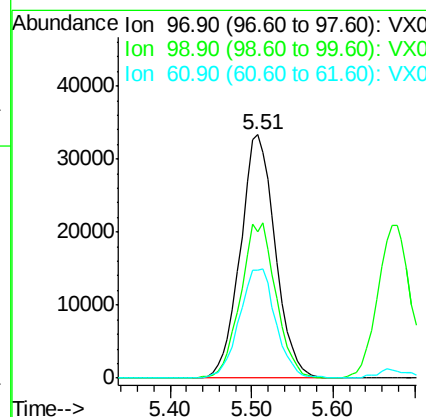
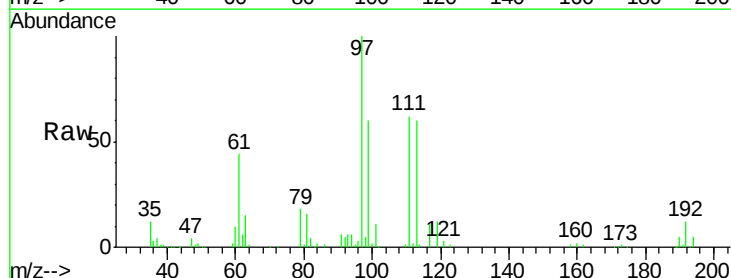
RT: 5.51 min Scan# 807

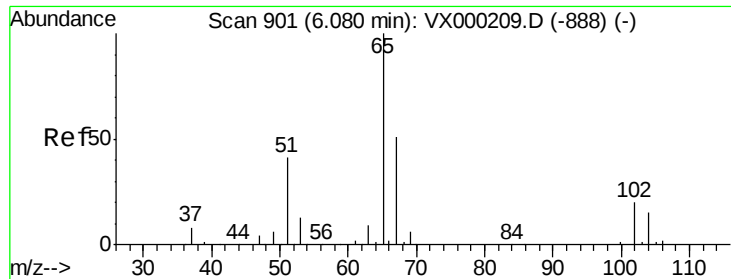
Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion:	97	Resp:	98834
Ion Ratio	Lower	Upper	
97	100		
99	64.4	50.9	76.3
61	46.8	35.4	53.0





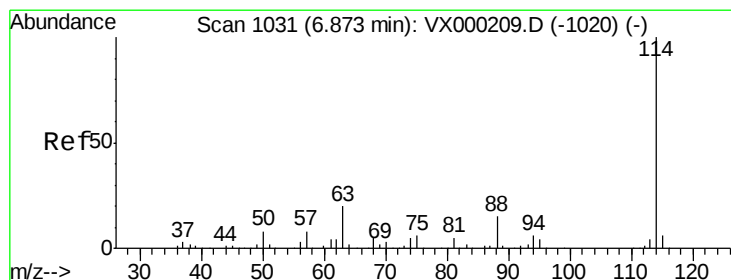
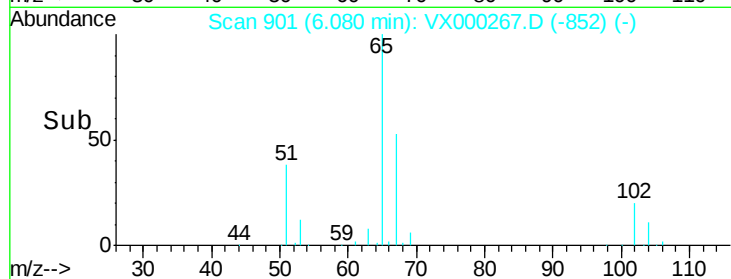
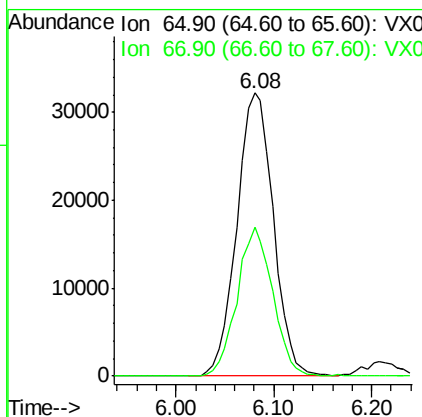
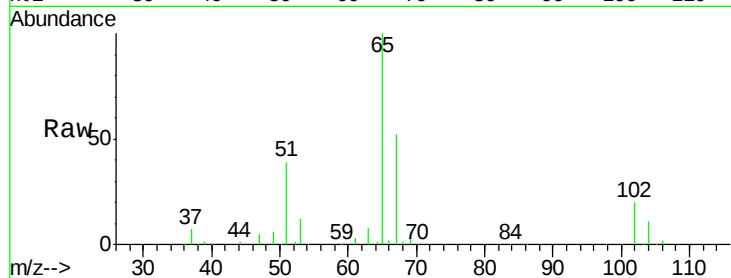
#33
 1,2-Dichloroethane-d4
 Concen: 55.01 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 83390
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4

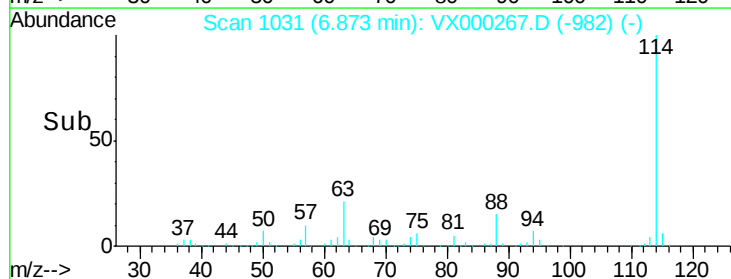
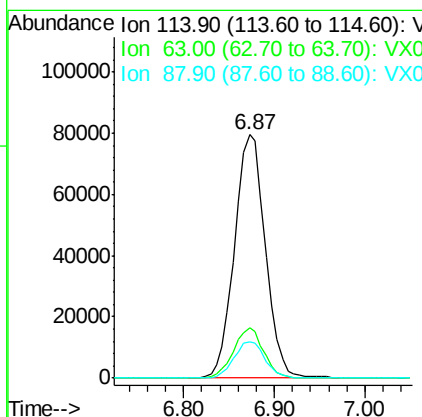
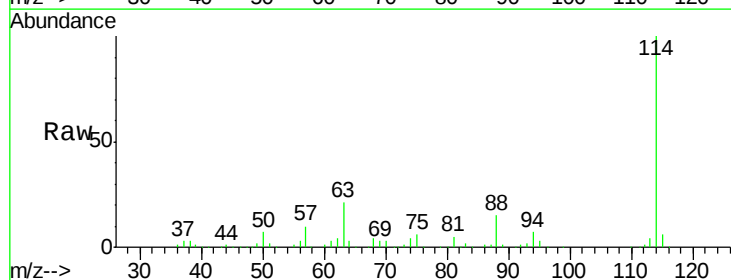
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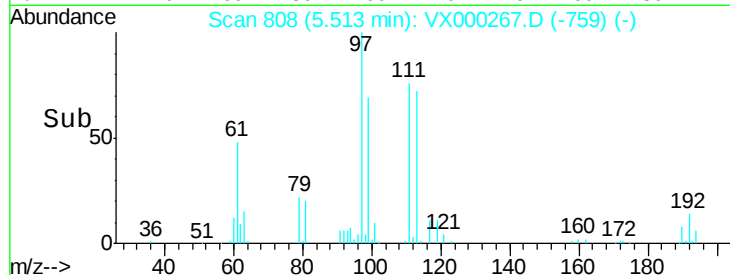
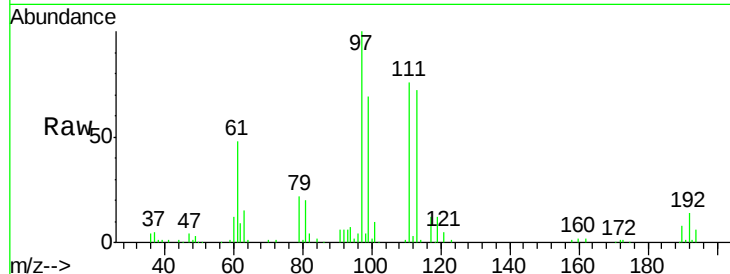
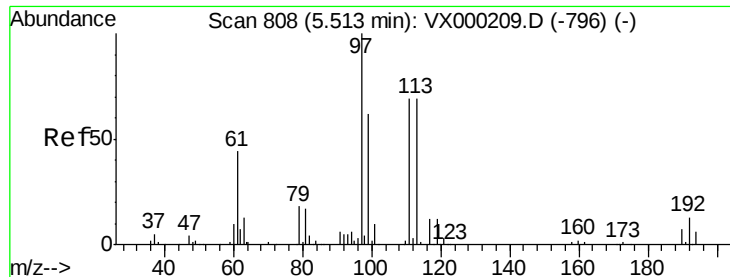
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 114 Resp: 187808
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 15.0 0.0 29.8





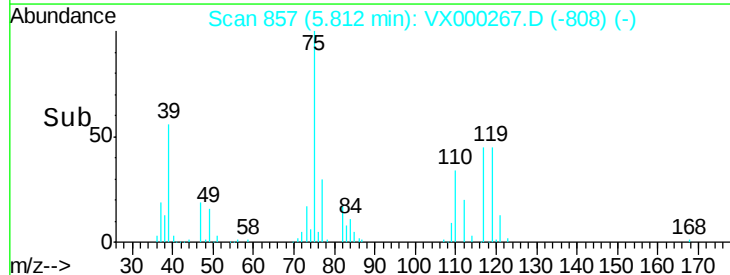
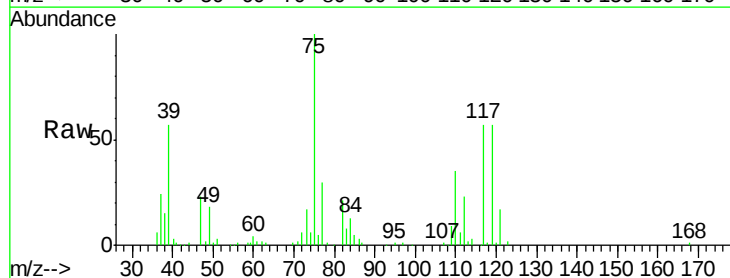
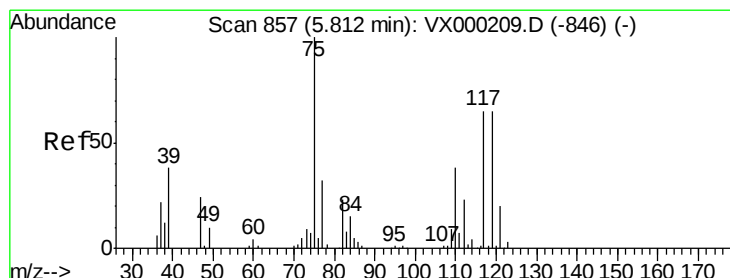
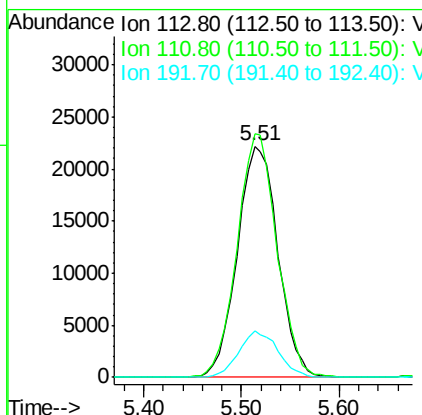
#35
Dibromofluoromethane
Concen: 54.06 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	63775		
111	103.5	83.0	124.6	
192	19.5	15.5	23.3	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

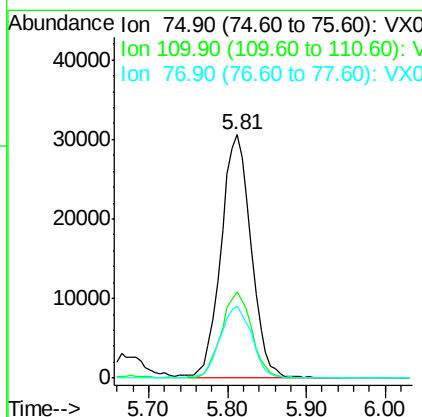
Manual Integrations
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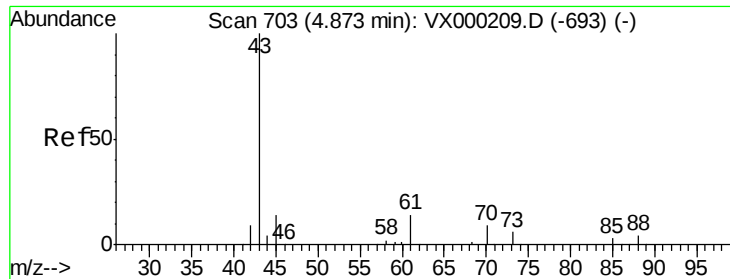
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#36
1,1-Dichloropropene
Concen: 48.56 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81157		
110	35.5	17.8	53.5	
77	31.0	24.9	37.3	





#37

Ethyl Acetate

Concen: 51.95 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

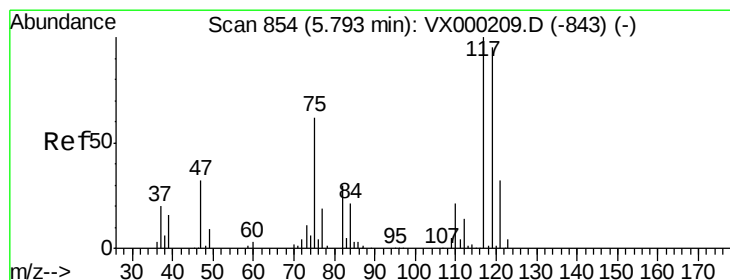
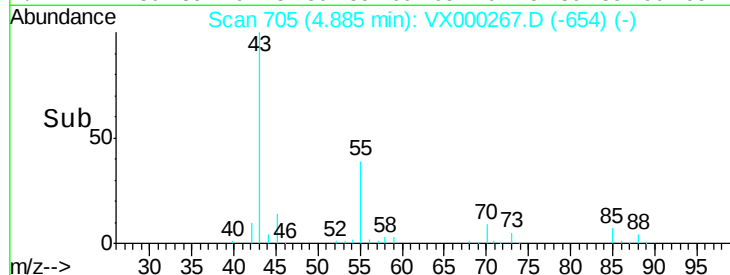
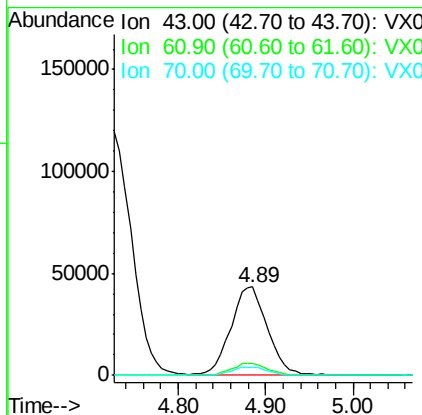
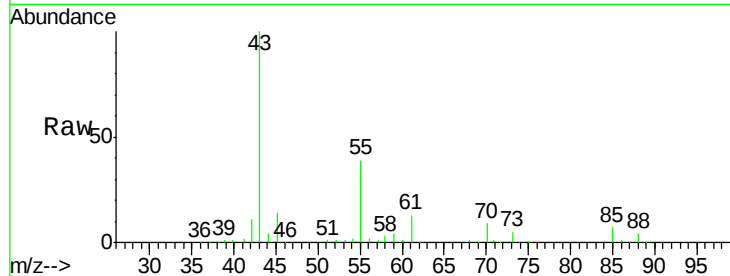
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	125449
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.0	16.6
70	9.6	7.8	11.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.46 ug/l

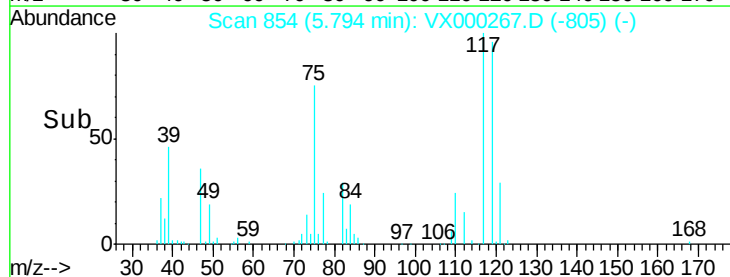
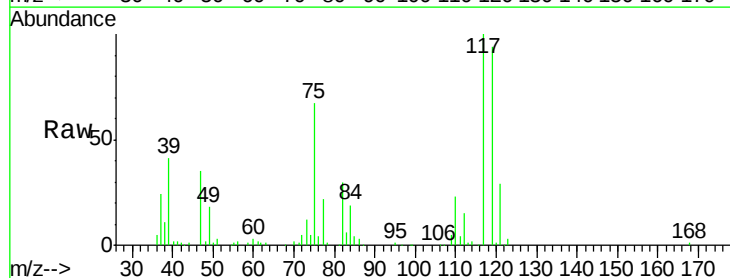
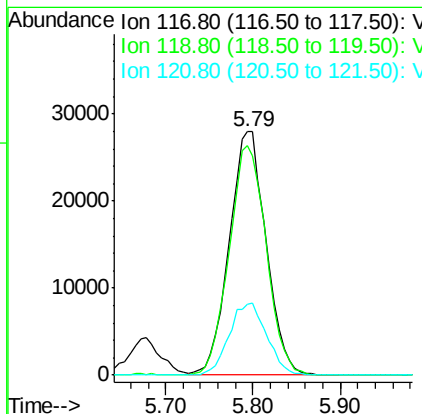
RT: 5.79 min Scan# 854

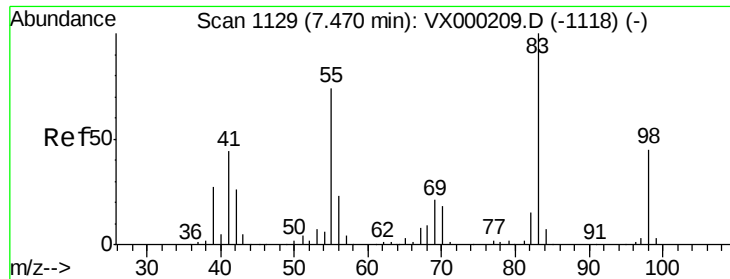
Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion:	117	Resp:	81960
Ion Ratio	Lower	Upper	
117	100		
119	94.5	75.9	113.9
121	29.2	25.8	38.6





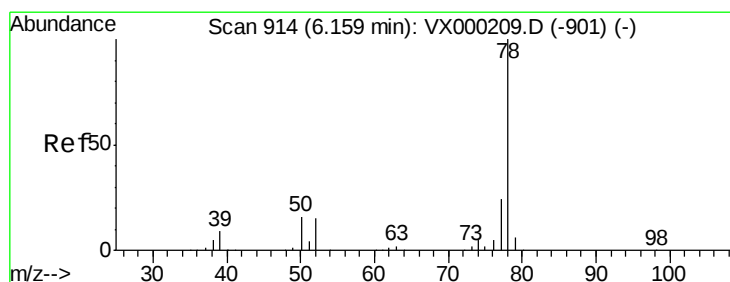
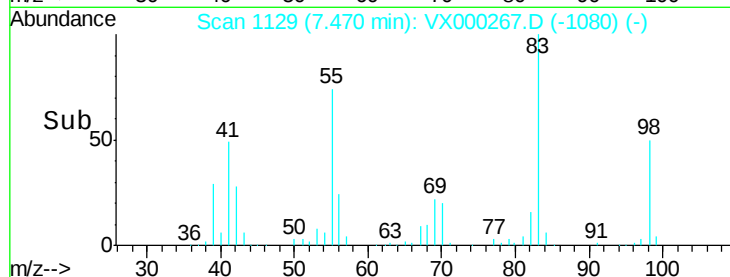
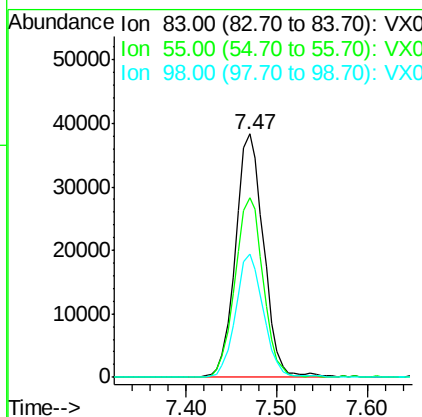
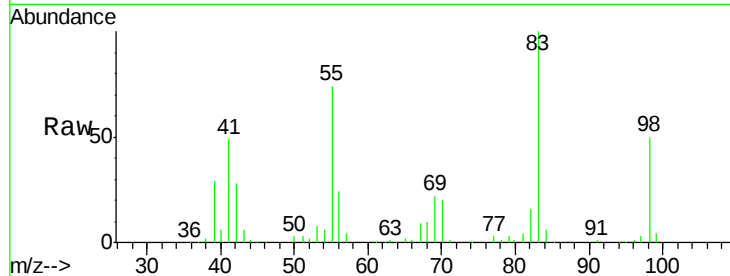
#39
Methylcyclohexane
Concen: 40.49 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.4	89.0
98	50.4	36.3	54.5

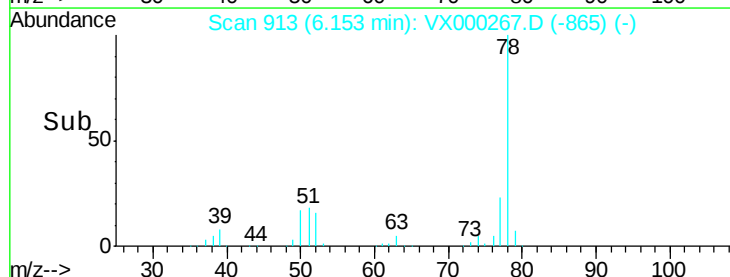
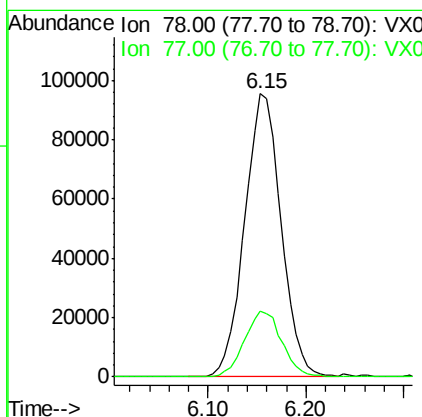
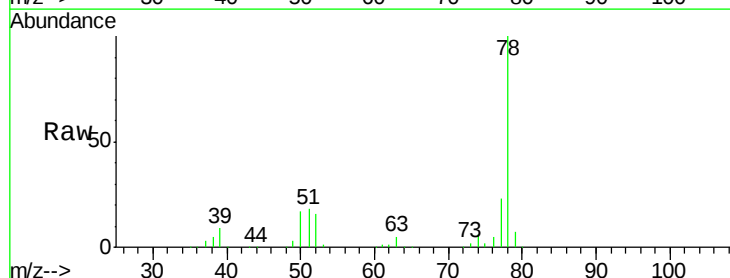
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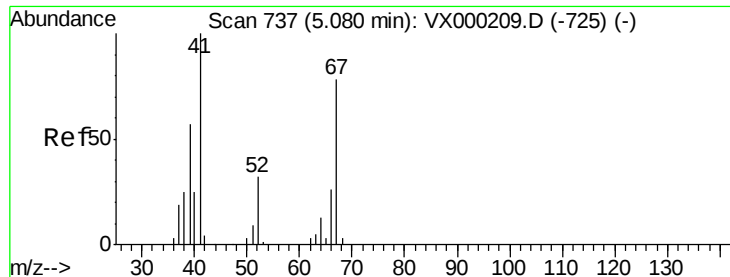
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#40
Benzene
Concen: 51.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.2





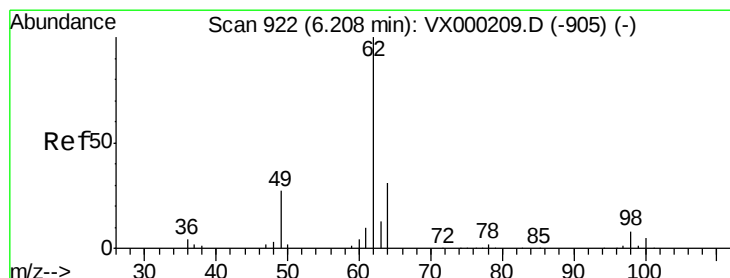
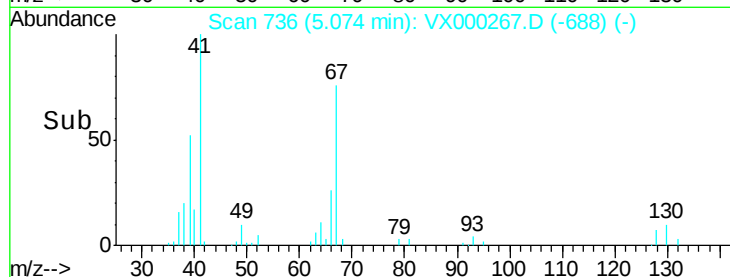
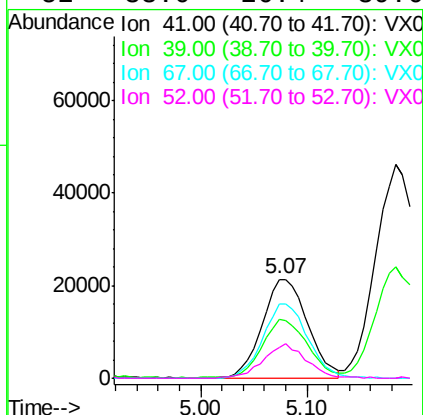
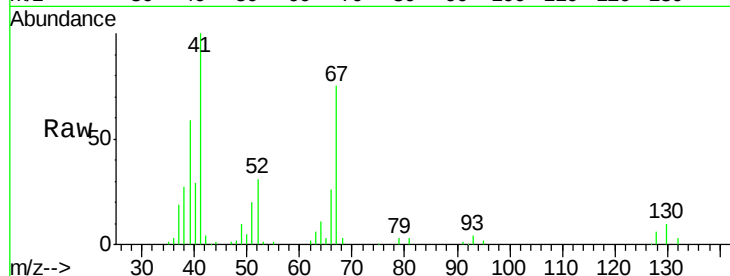
#41
Methacrylonitrile
Concen: 51.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	63369
Ion	Ratio	Lower	Upper
41	100		
39	59.0	47.8	71.6
67	75.0	59.3	88.9
52	33.0	26.4	39.6

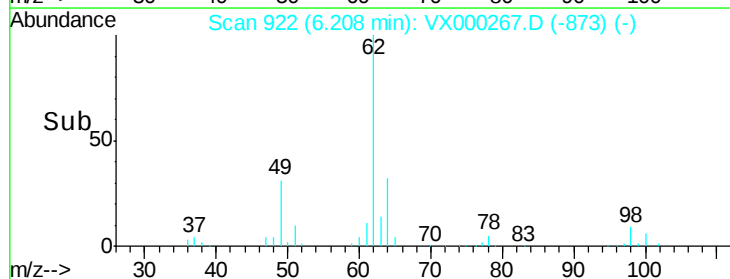
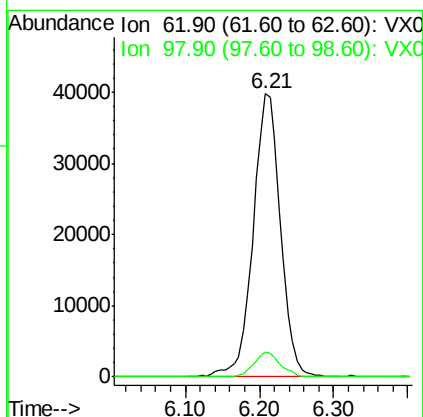
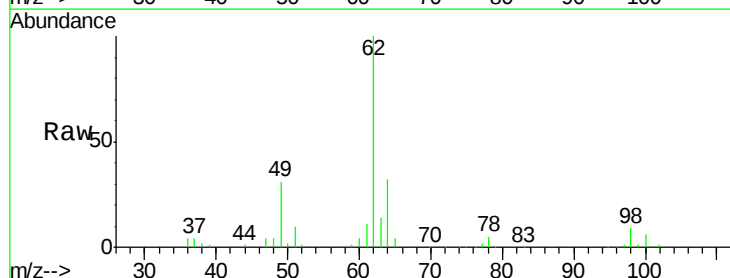
Manual Integrations
APPROVED

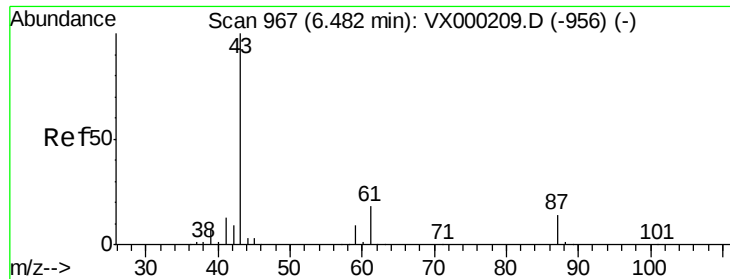
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#42
1,2-Dichloroethane
Concen: 54.30 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion:	62	Resp:	102643
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2





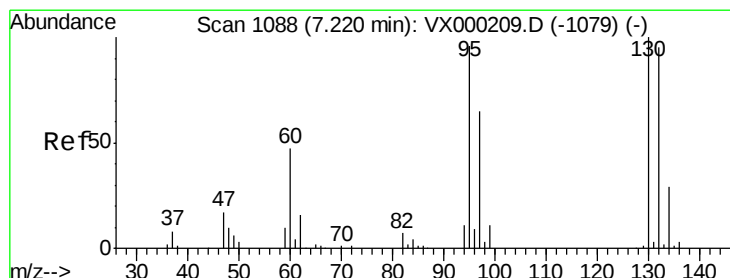
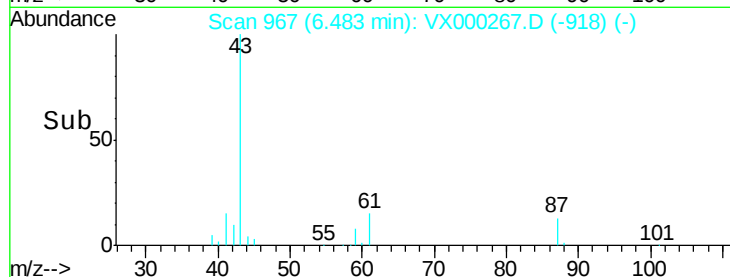
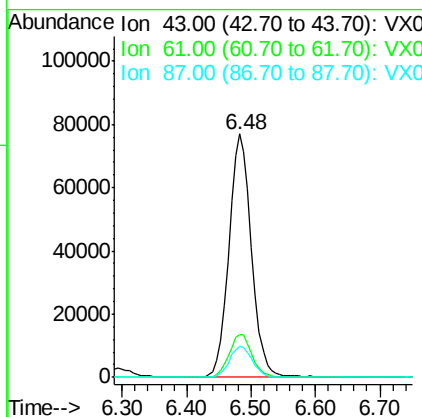
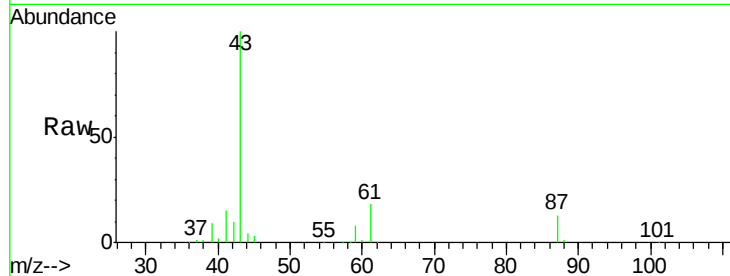
#43
Isopropyl Acetate
Concen: 53.85 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.8	22.2
87	13.0	10.6	16.0

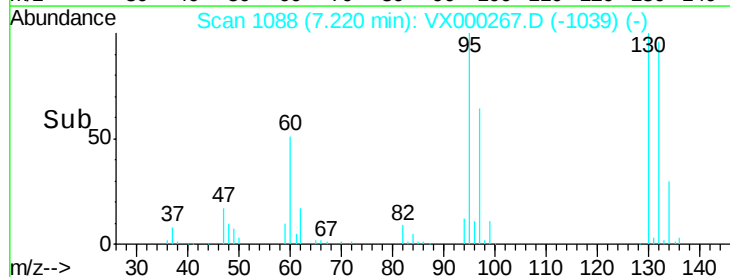
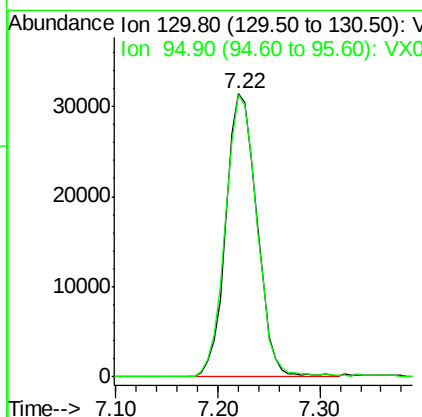
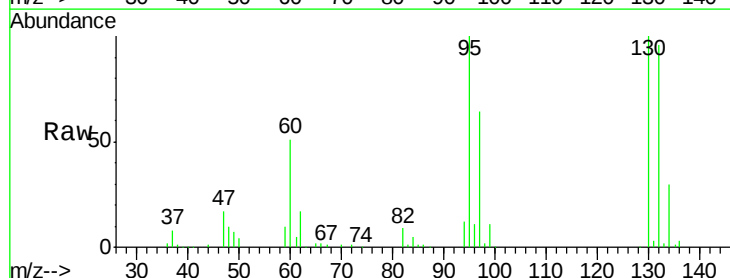
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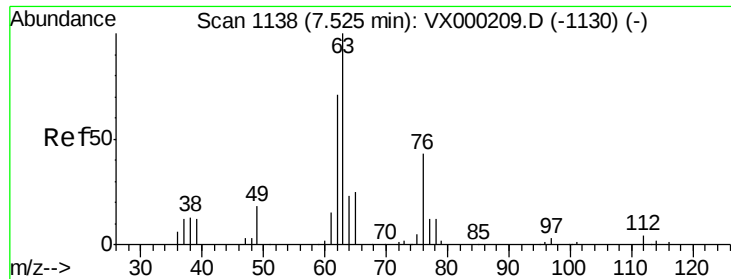
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#44
Trichloroethene
Concen: 48.14 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	191.8





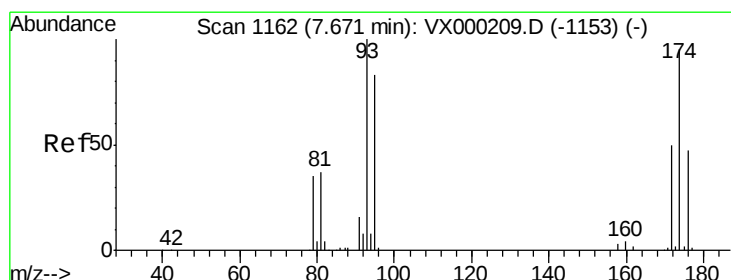
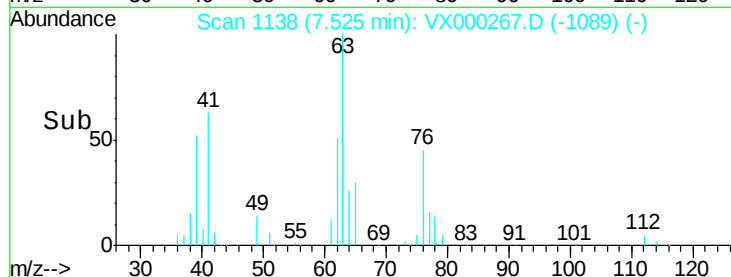
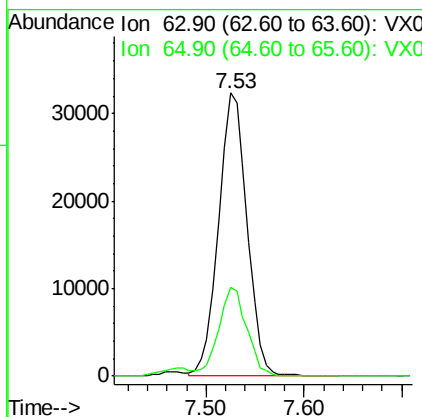
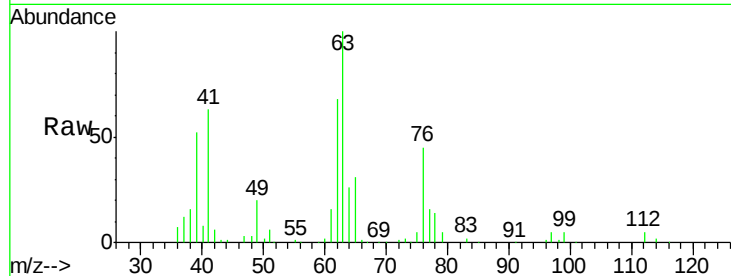
#45
 1,2-Dichloropropane
 Concen: 53.67 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 65519
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.3 33.5

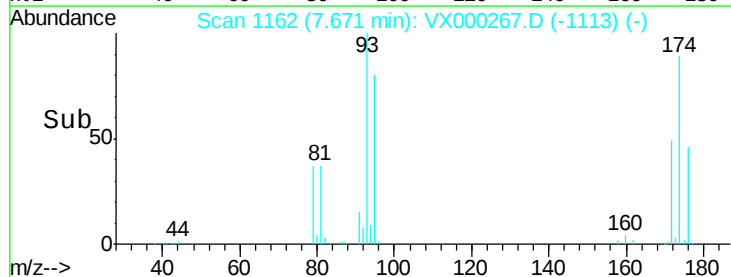
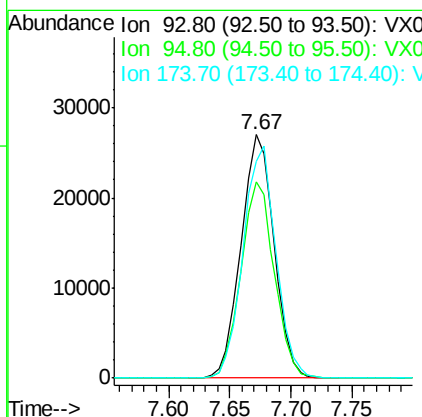
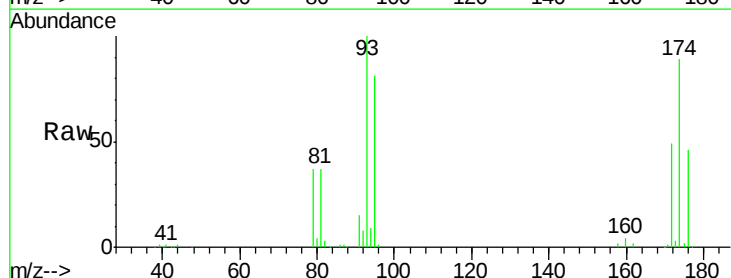
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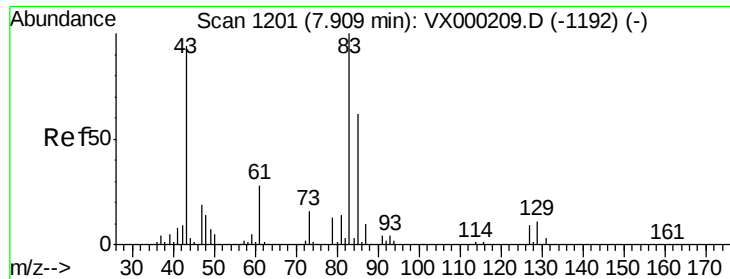
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#46
 Dibromomethane
 Concen: 52.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 93 Resp: 50755
 Ion Ratio Lower Upper
 93 100
 95 81.2 64.1 96.1
 174 94.9 75.8 113.8





#47

Bromodichloromethane

Concen: 54.55 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

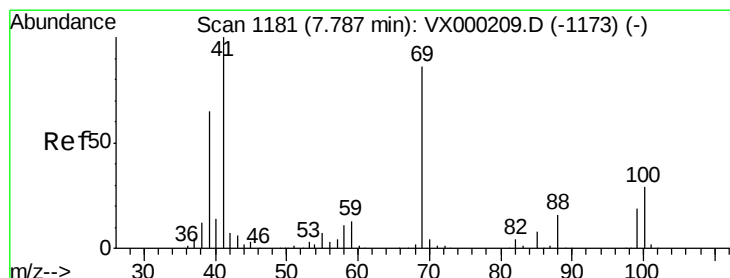
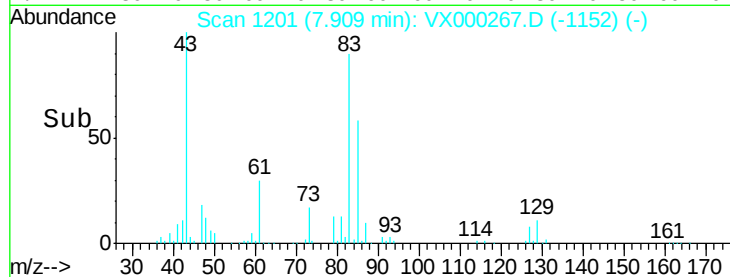
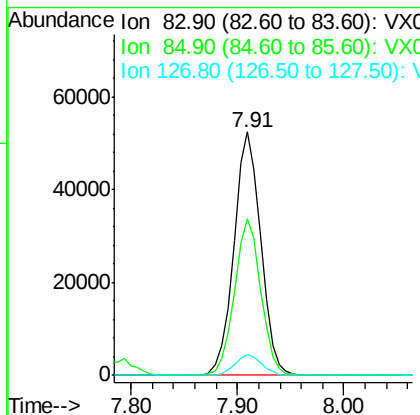
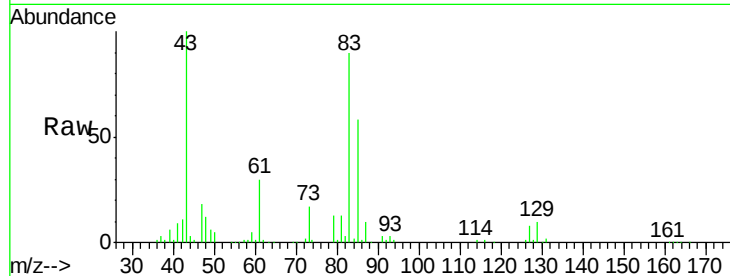
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	92671
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.6	74.4
127	8.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 53.67 ug/l

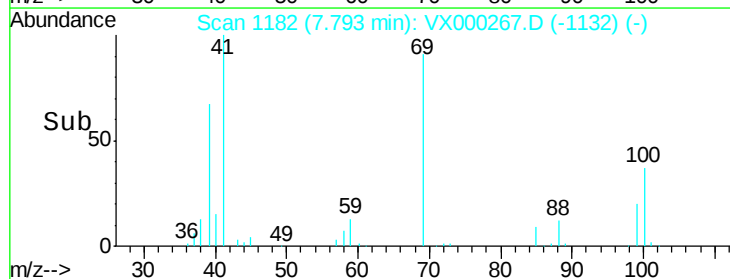
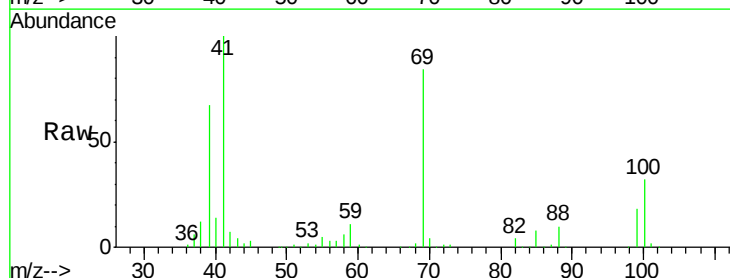
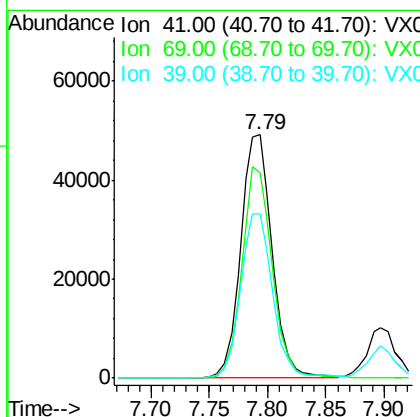
RT: 7.79 min Scan# 1182

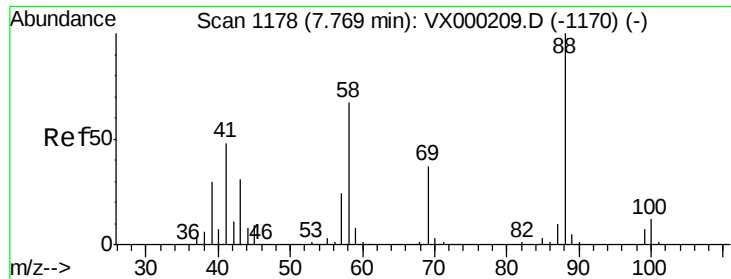
Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion:	41	Resp:	92300
Ion	Ratio	Lower	Upper
41	100		
69	84.2	70.0	105.0
39	68.2	53.6	80.4





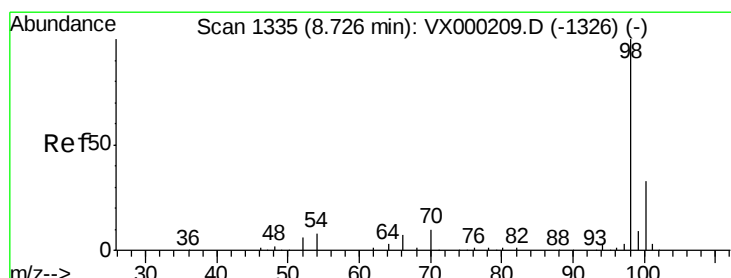
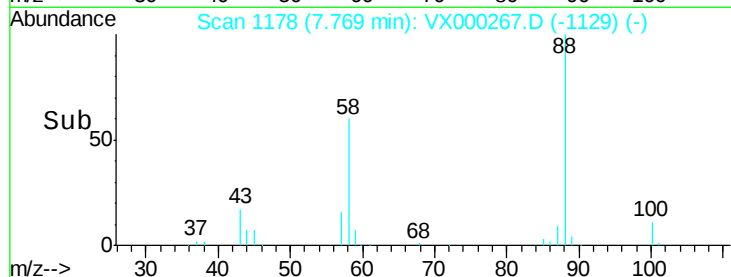
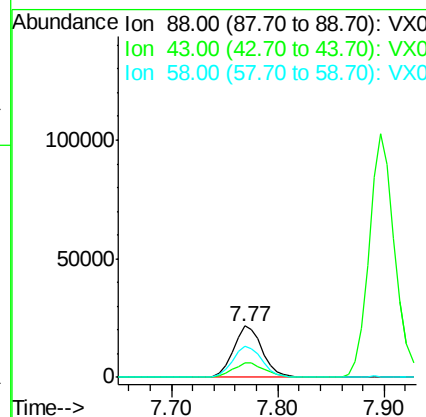
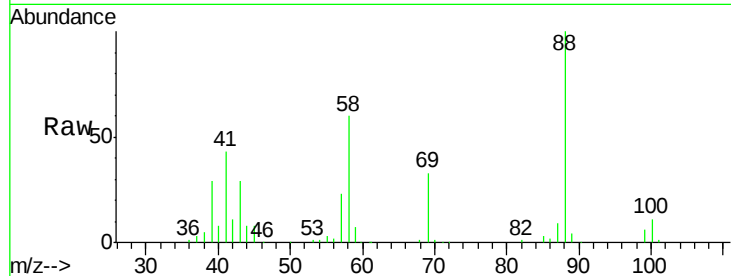
#49
1,4-Dioxane
Concen: 1048.09 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.9	40.3
58	62.5	52.2	78.4

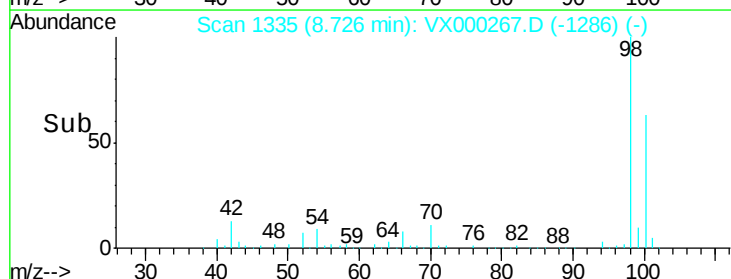
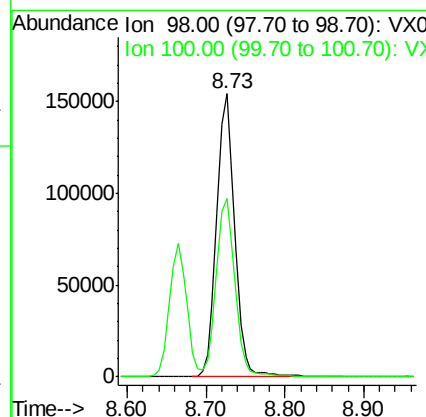
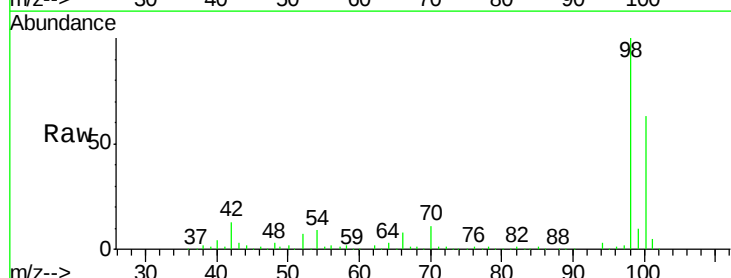
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#50
Toluene-d8
Concen: 50.79 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.2	76.8





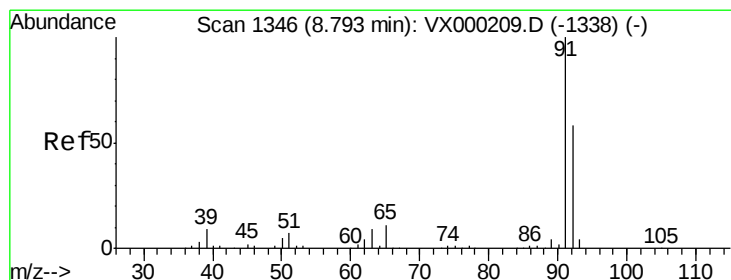
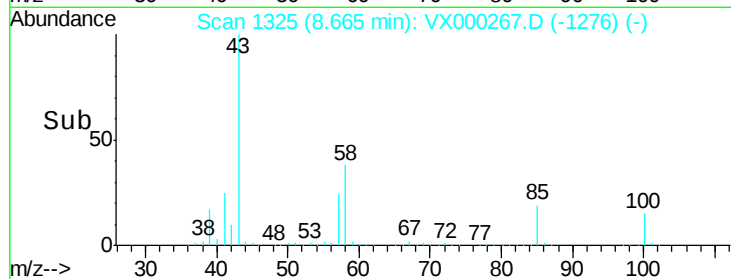
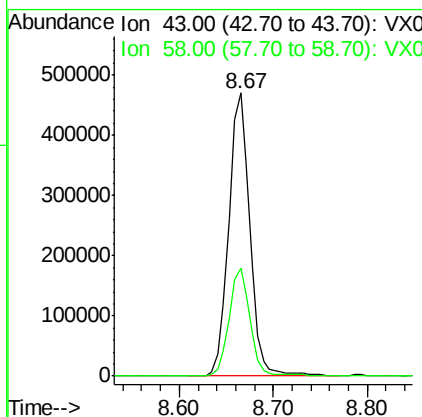
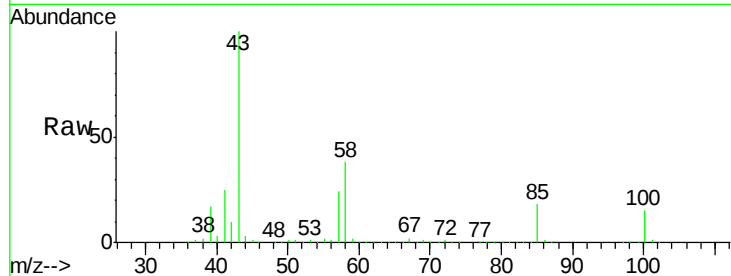
#51
 4-Methyl-2-Pentanone
 Concen: 278.73 ug/l
 RT: 8.67 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 734574
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.2 45.2

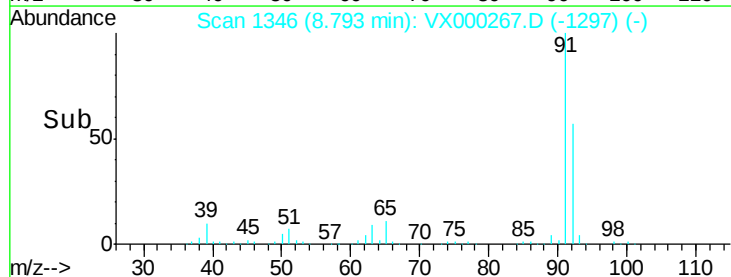
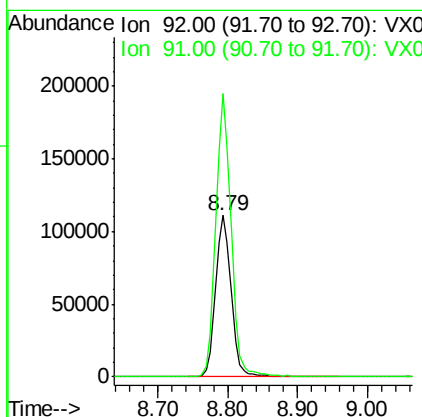
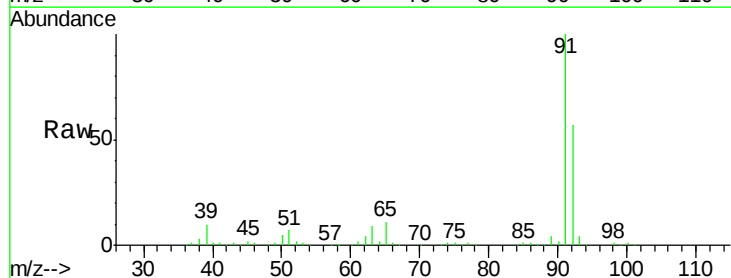
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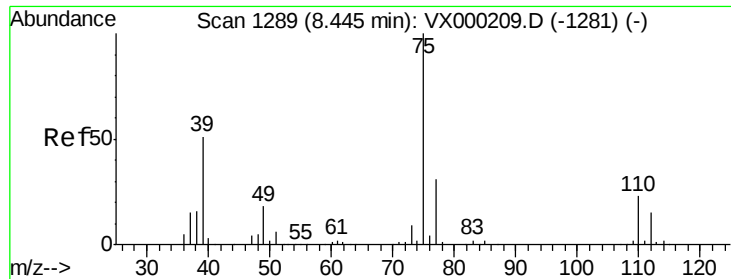
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#52
 Toluene
 Concen: 52.19 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 92 Resp: 172413
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.0 208.6





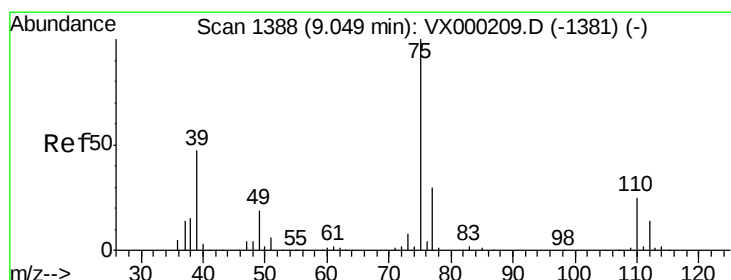
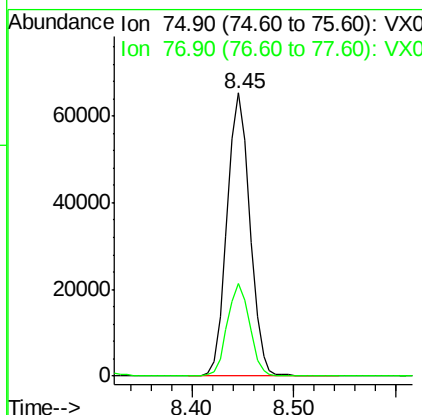
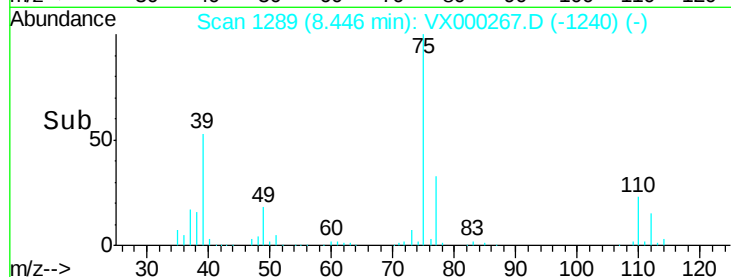
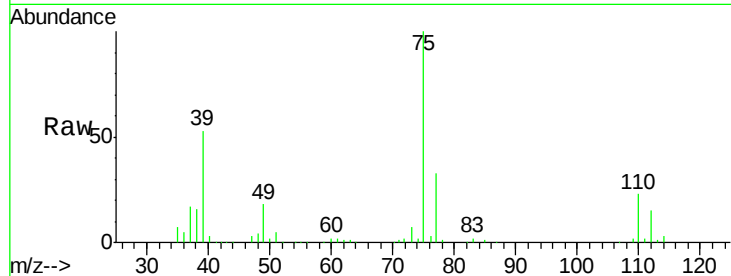
#53
t-1,3-Dichloropropene
Concen: 50.61 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 101308
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2

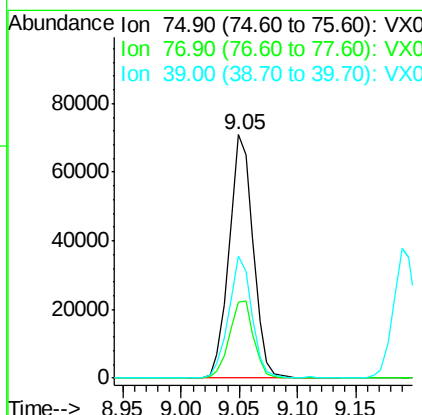
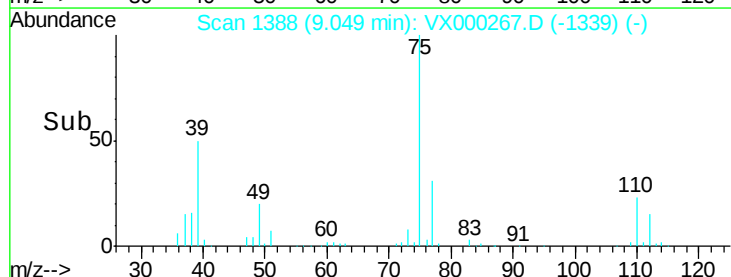
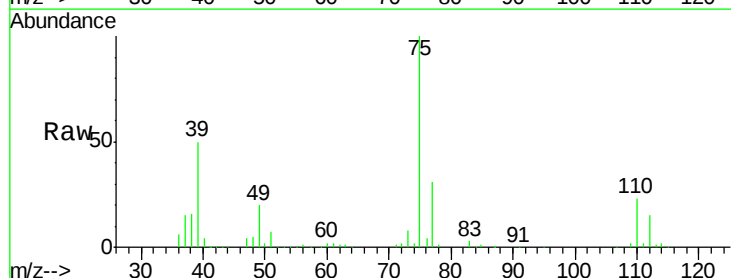
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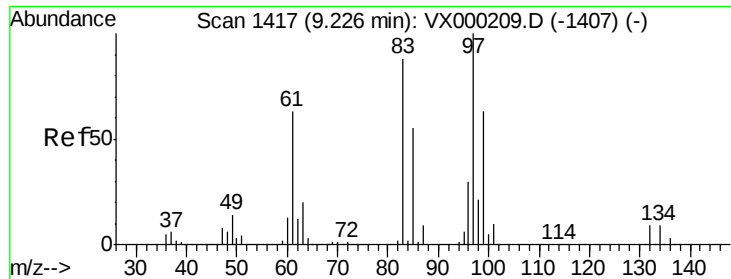
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#54
cis-1,3-Dichloropropene
Concen: 52.62 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 75 Resp: 101905
Ion Ratio Lower Upper
75 100
77 31.3 23.9 35.9
39 50.2 37.4 56.2





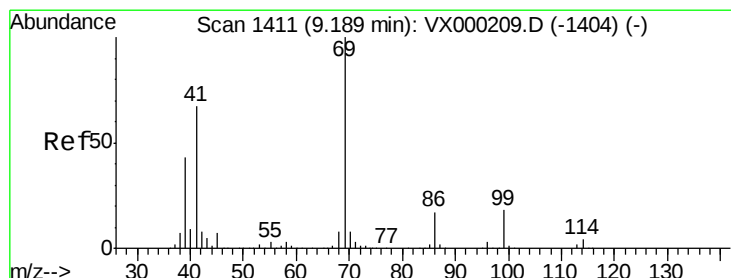
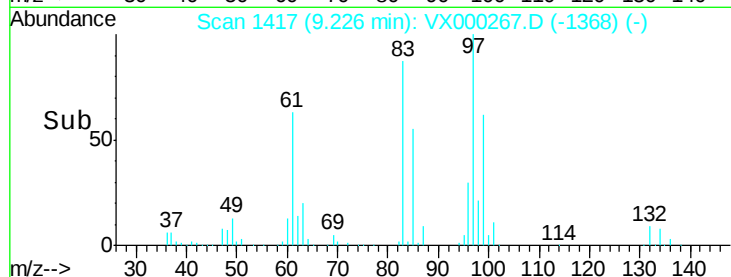
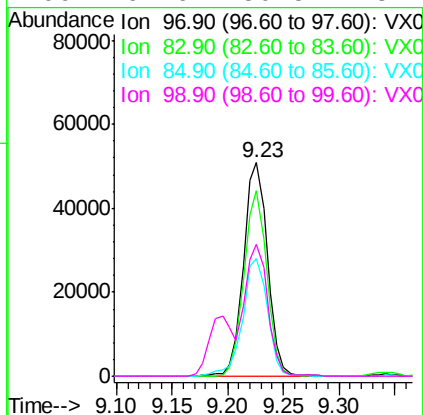
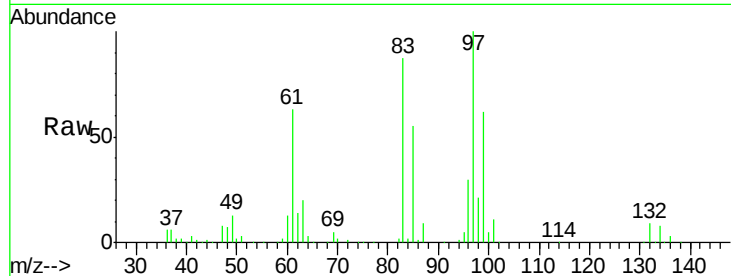
#55
 1,1,2-Trichloroethane
 Concen: 56.96 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.4	105.6
85	54.9	43.9	65.9
99	61.6	50.5	75.7

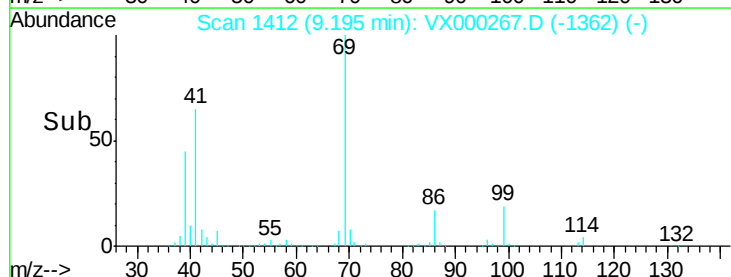
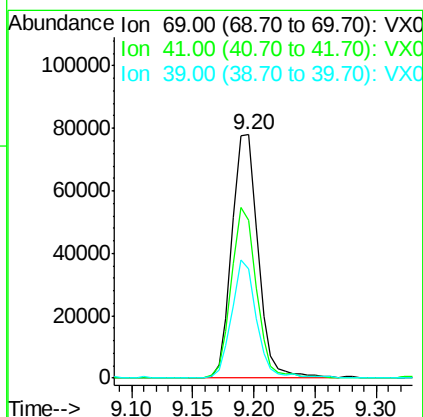
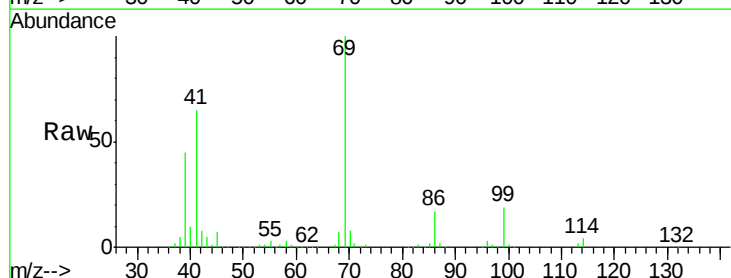
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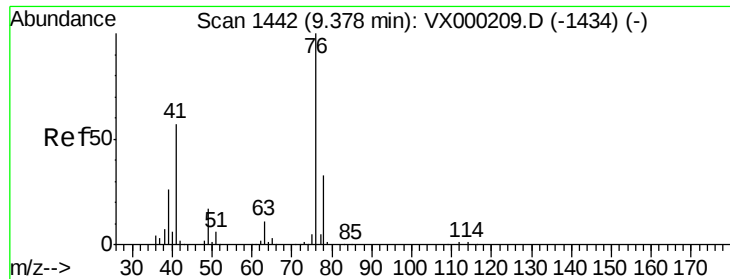
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#56
 Ethyl methacrylate
 Concen: 57.84 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.1	52.2	78.2
39	45.3	34.3	51.5





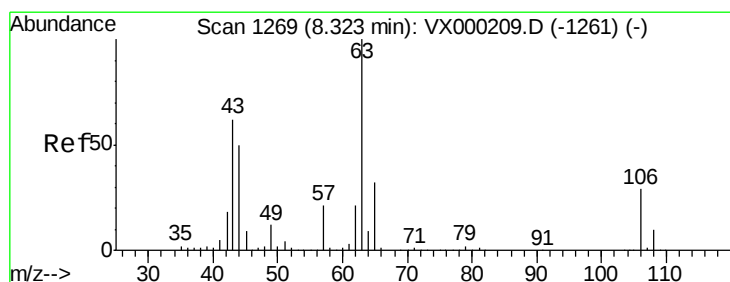
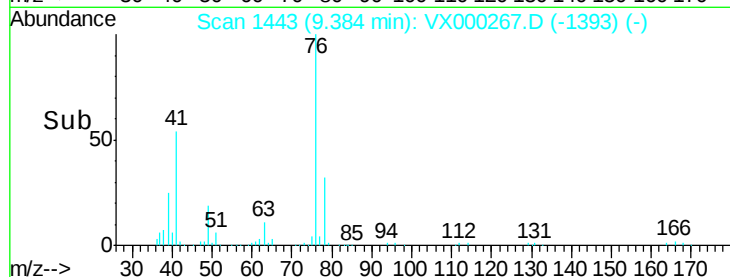
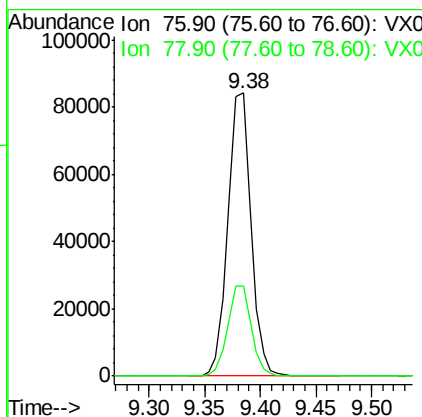
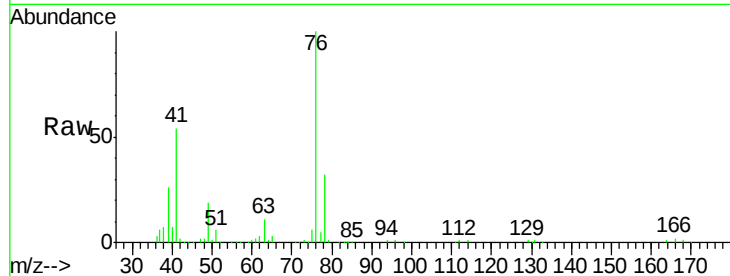
#57
 1,3-Dichloropropane
 Concen: 54.16 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 121676
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

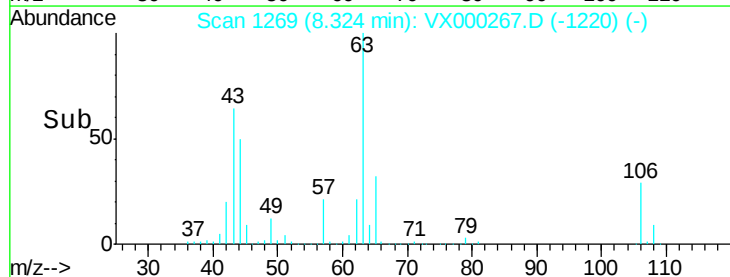
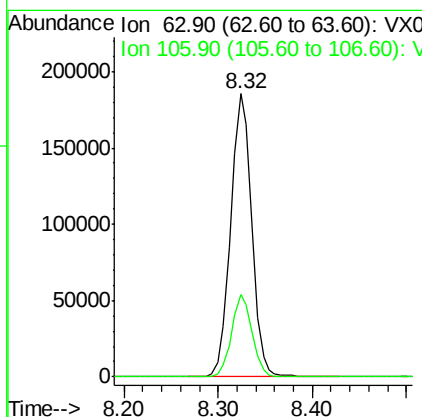
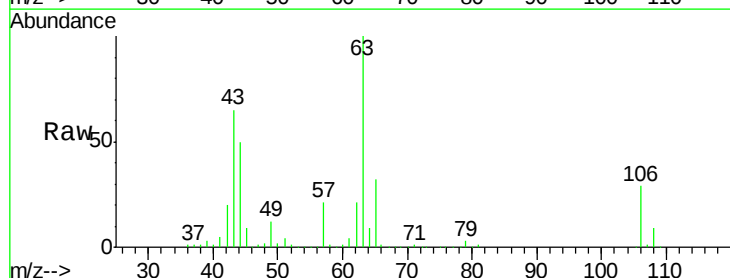
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#58
 2-Chloroethyl Vinyl ether
 Concen: 283.32 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 63 Resp: 286407
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8





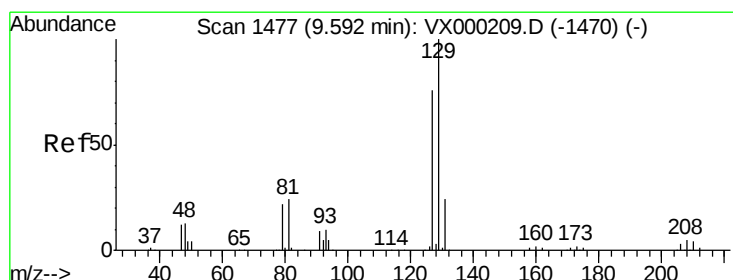
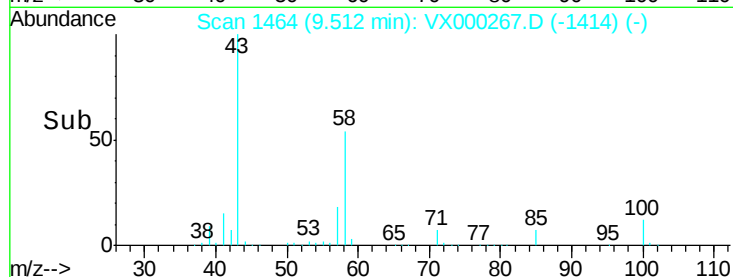
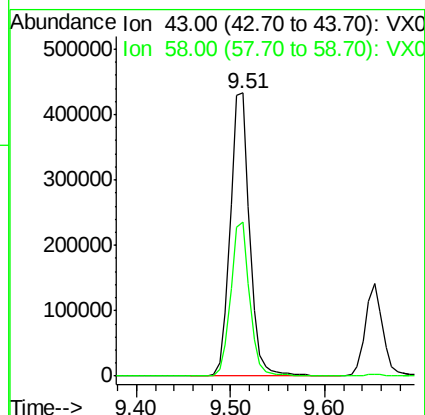
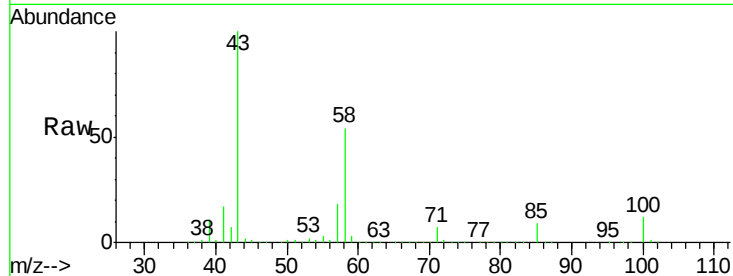
#59
2-Hexanone
Concen: 275.01 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 618001
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7

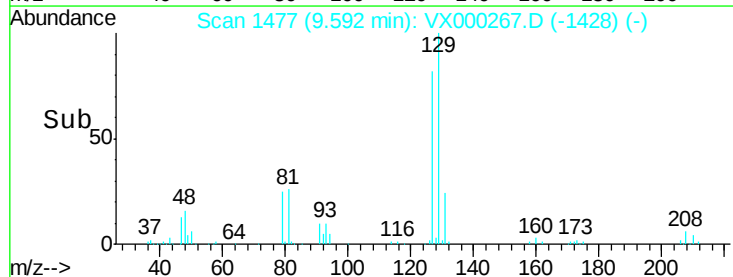
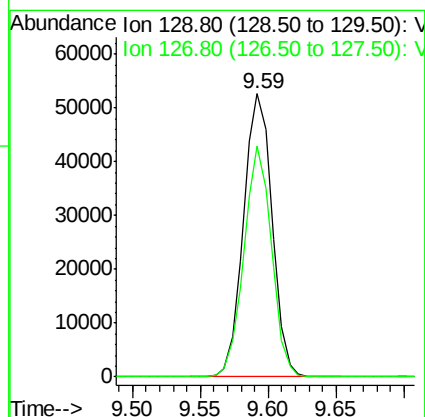
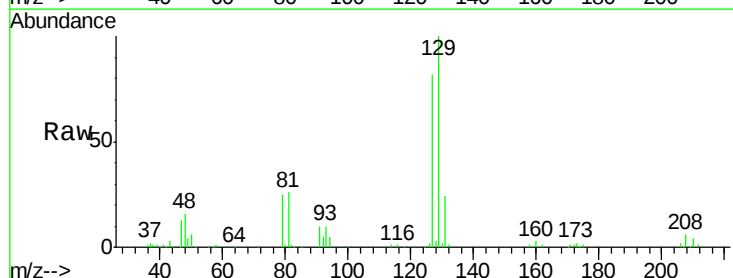
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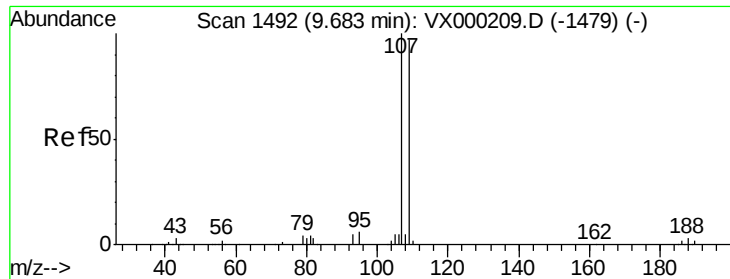
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#60
Dibromochloromethane
Concen: 54.92 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 129 Resp: 77475
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 56.42 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 83818

Ion Ratio Lower Upper

107 100

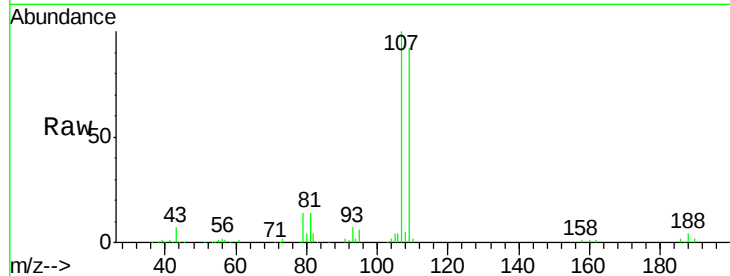
109 93.3 76.8 115.2

Manual Integrations

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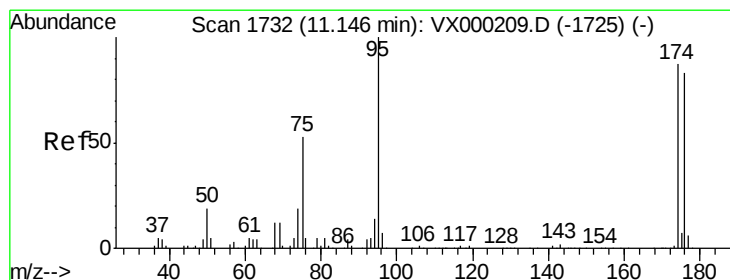
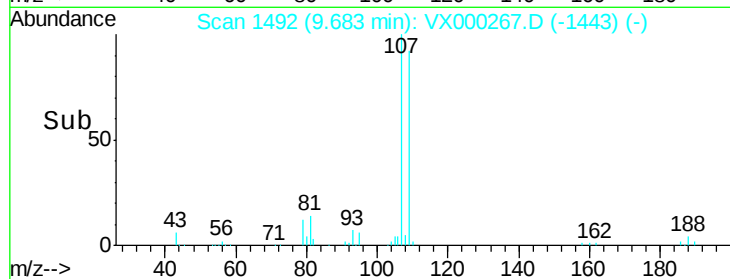
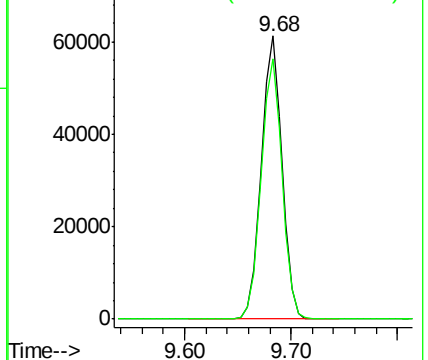
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

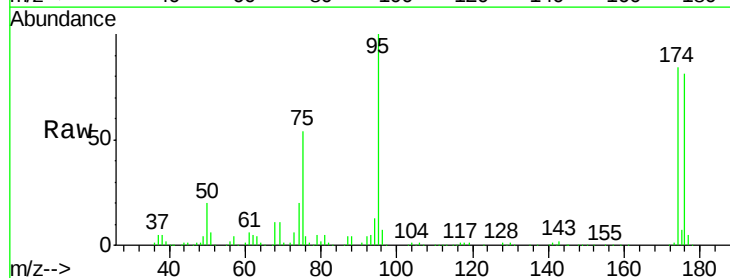
Tgt Ion: 95 Resp: 98815

Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.6

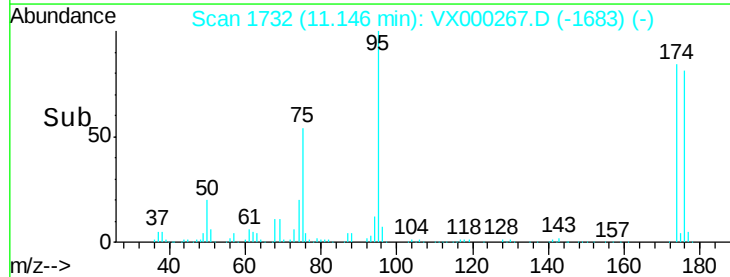
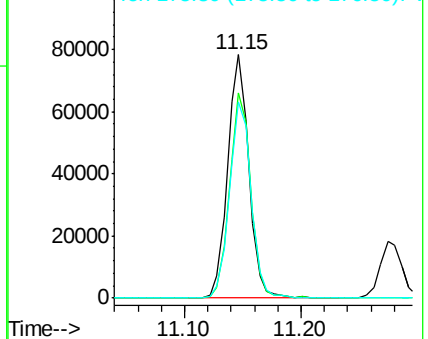
176 83.0 0.0 171.0

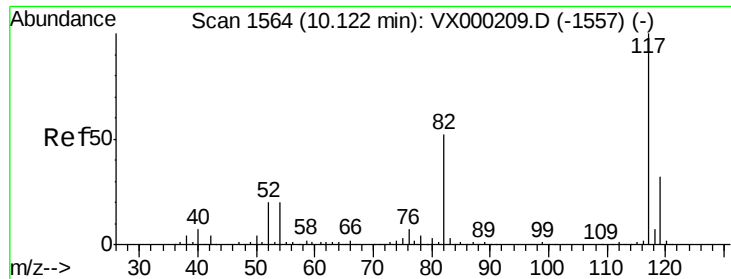


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

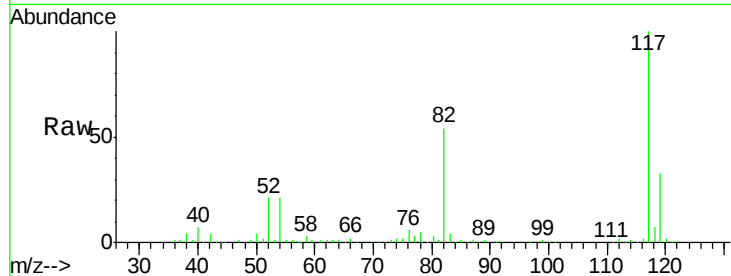
Ion 175.80 (175.50 to 176.50): V





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

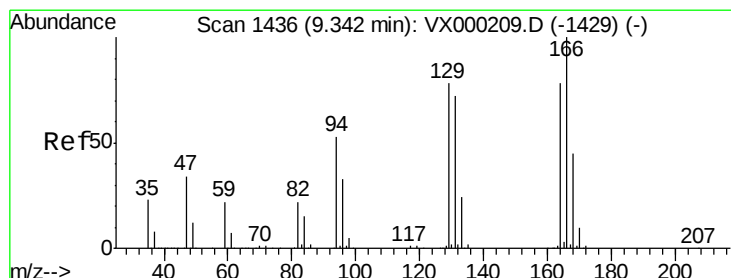
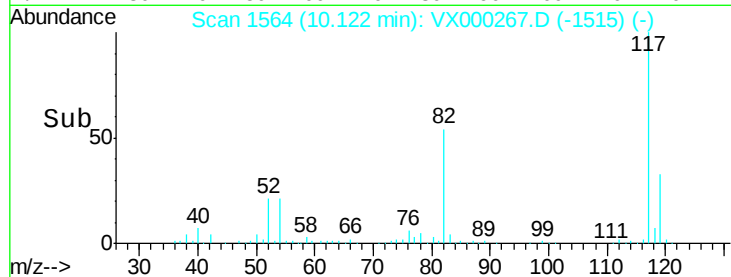
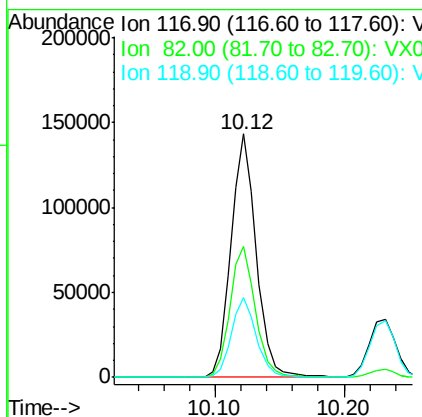
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.6	42.0	63.0
119	33.0	25.3	37.9

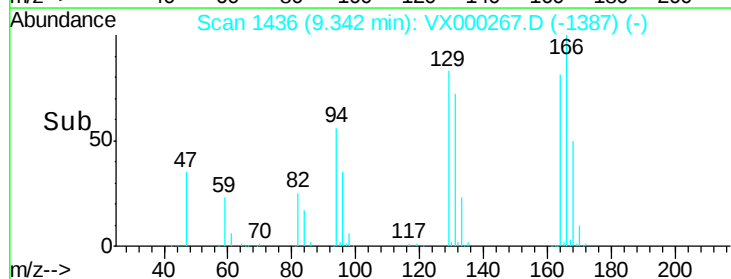
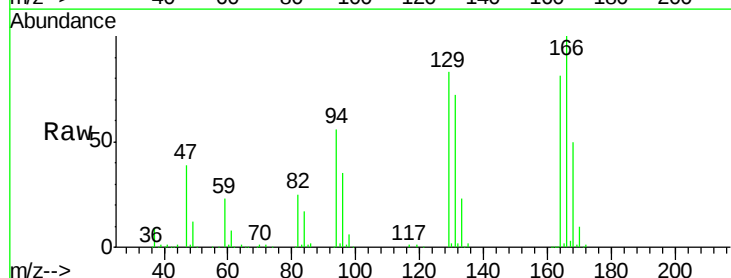
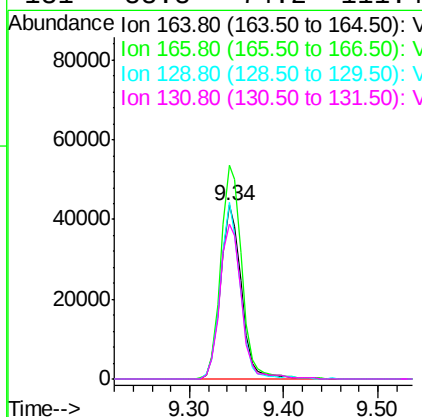
Manual Integrations
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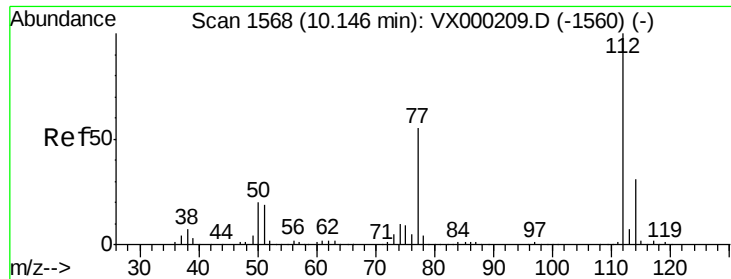
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#64
Tetrachloroethene
Concen: 48.86 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	122.7	103.0	154.6
129	101.4	80.2	120.4
131	88.8	74.2	111.4





#65

Chlorobenzene

Concen: 50.52 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 200120

Ion Ratio Lower Upper

112 100

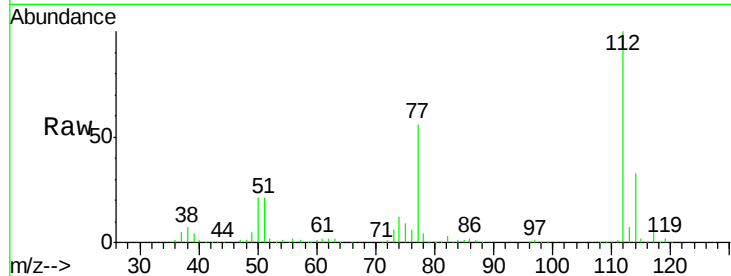
114 33.4 25.0 37.4

Manual Integrations

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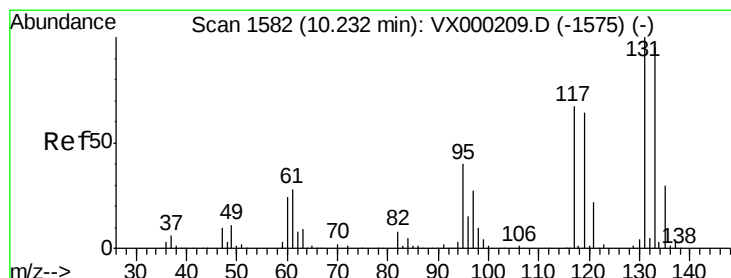
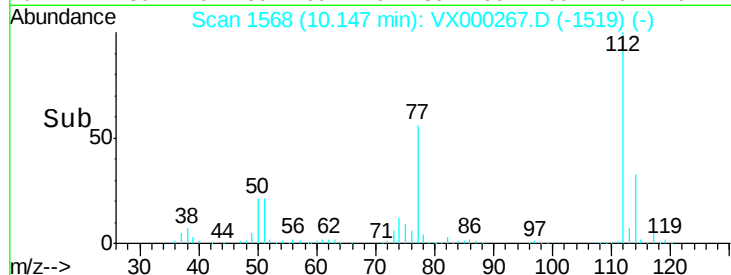
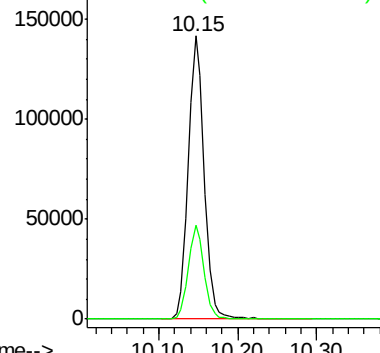
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.22 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

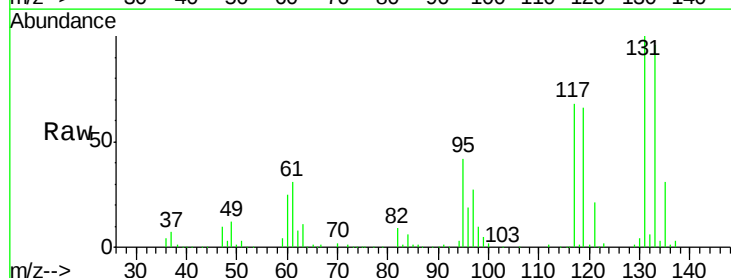
Tgt Ion:131 Resp: 70726

Ion Ratio Lower Upper

131 100

133 95.1 48.3 144.9

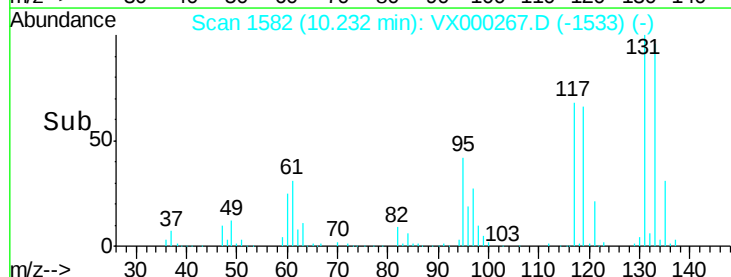
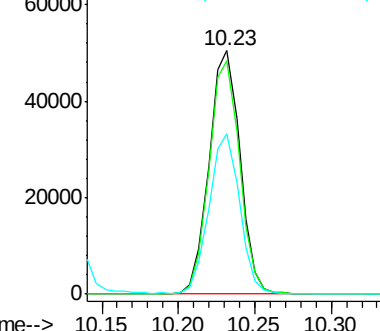
119 65.4 32.3 96.8

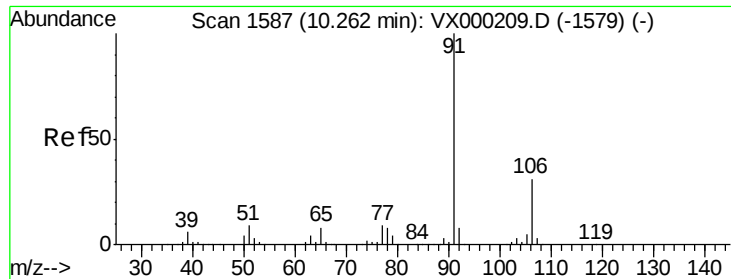


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





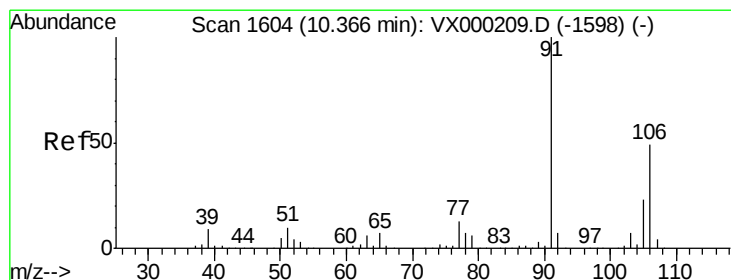
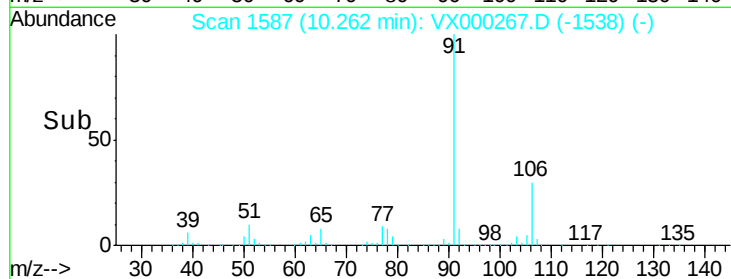
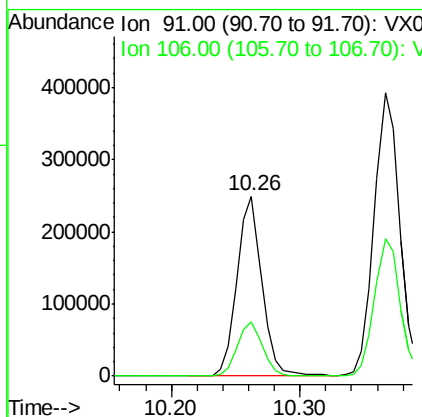
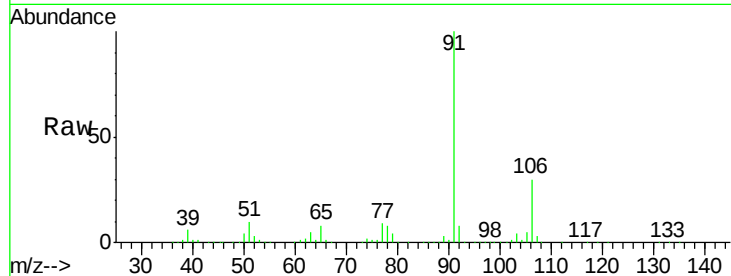
#67
Ethyl Benzene
Concen: 48.67 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 336492
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8

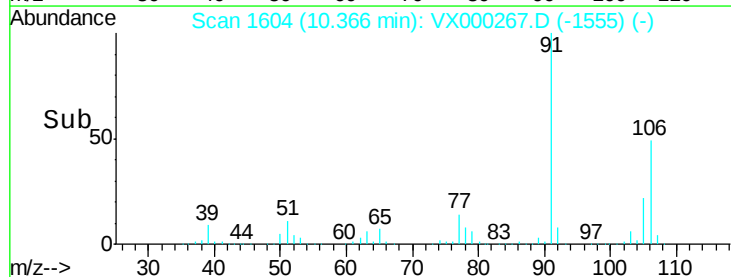
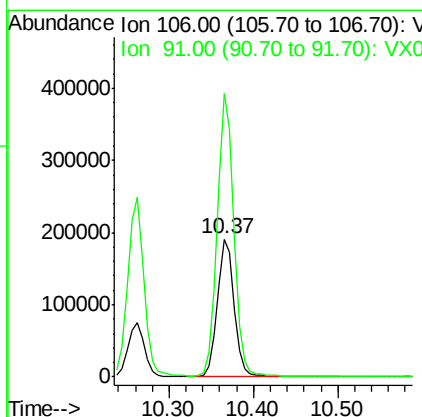
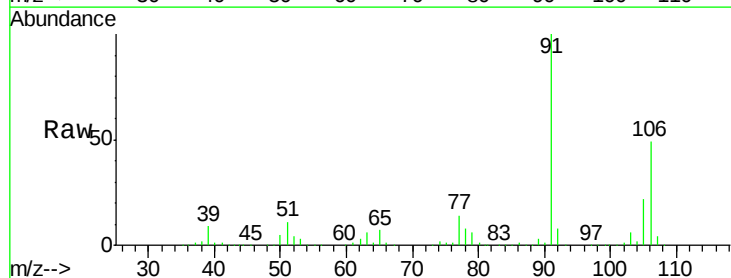
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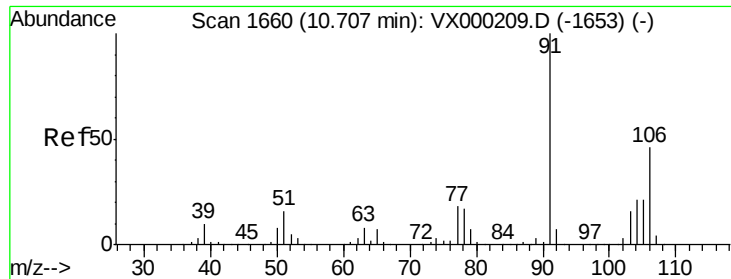
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#68
m/p-Xylenes
Concen: 99.88 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 106 Resp: 265757
Ion Ratio Lower Upper
106 100
91 204.1 160.9 241.3





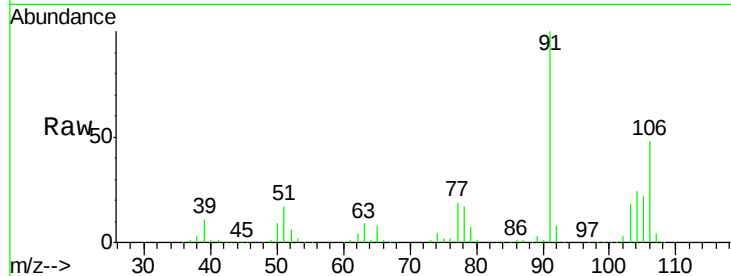
#69
o-Xylene
Concen: 51.01 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

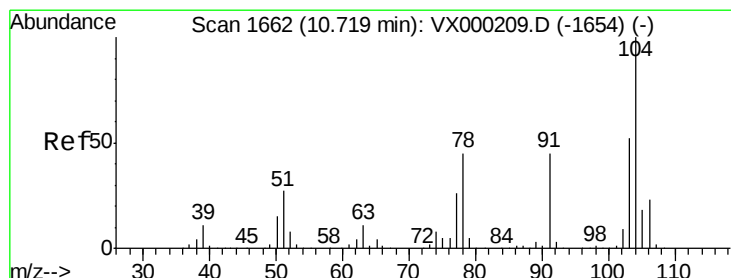
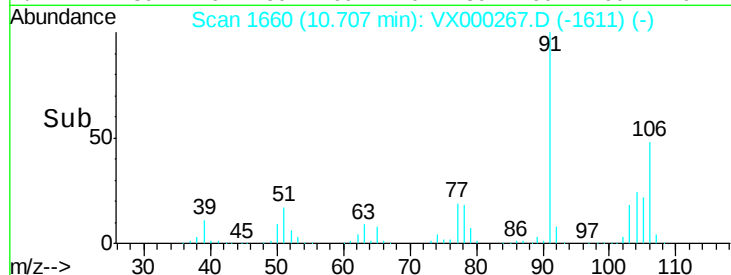
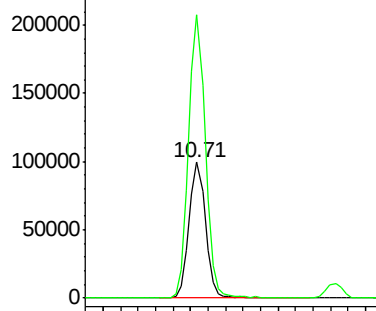
Tgt Ion:106 Resp: 130458
Ion Ratio Lower Upper
106 100
91 210.1 105.9 317.7

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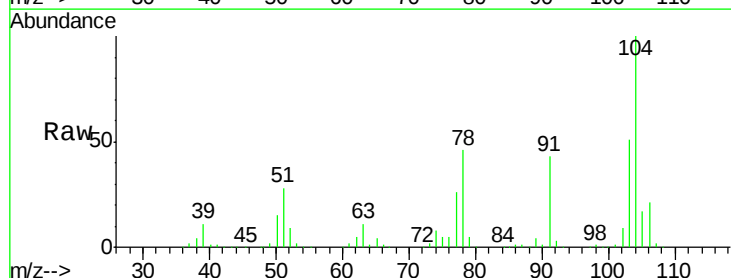


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

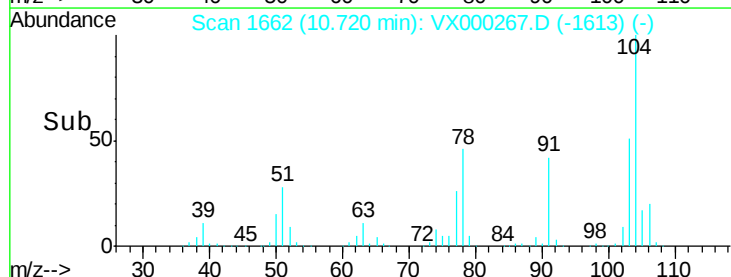
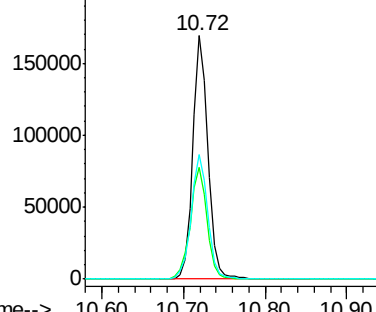


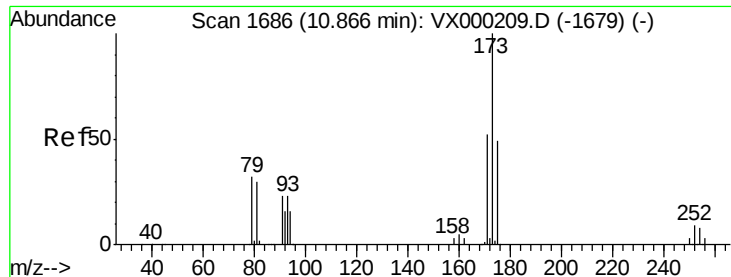
#70
Styrene
Concen: 51.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion:104 Resp: 220469
Ion Ratio Lower Upper
104 100
78 50.8 39.6 59.4
103 56.2 45.0 67.6



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





#71

Bromoform

Concen: 44.21 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 60606

Ion Ratio Lower Upper

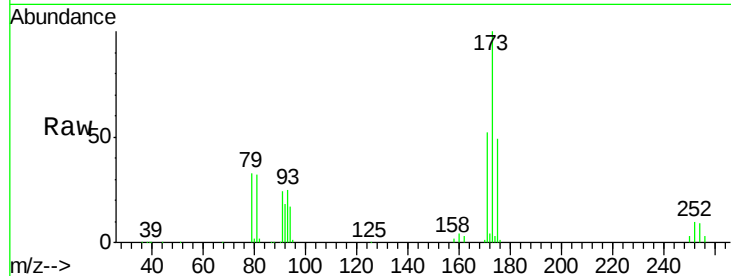
173 100

175 49.1 24.4 73.2

254 0.0 0.2 0.2#

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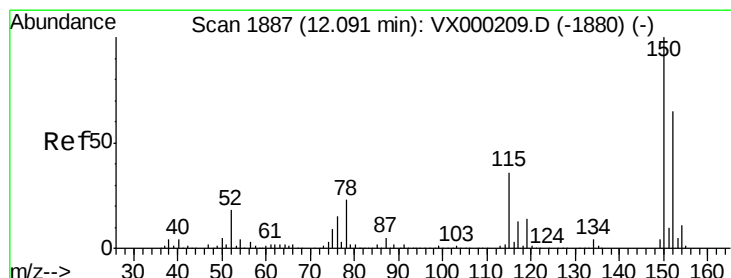
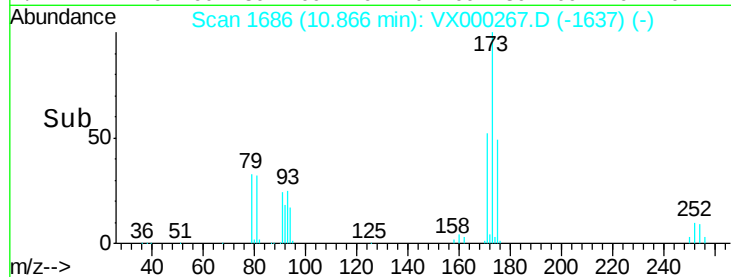
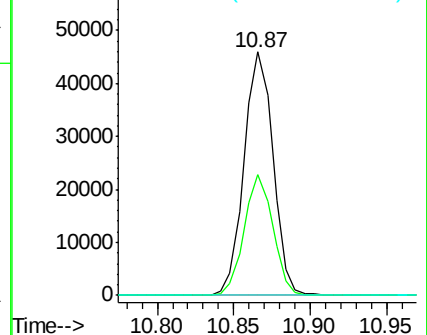
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

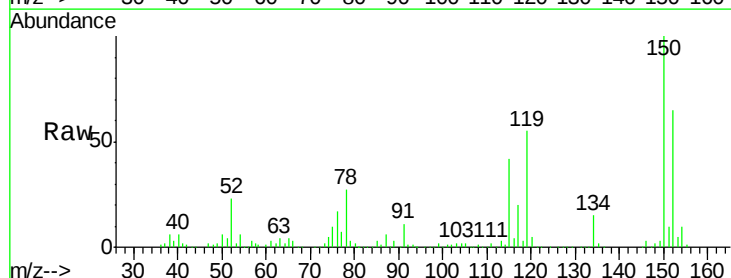
Tgt Ion:152 Resp: 115244

Ion Ratio Lower Upper

152 100

115 80.2 39.8 119.3

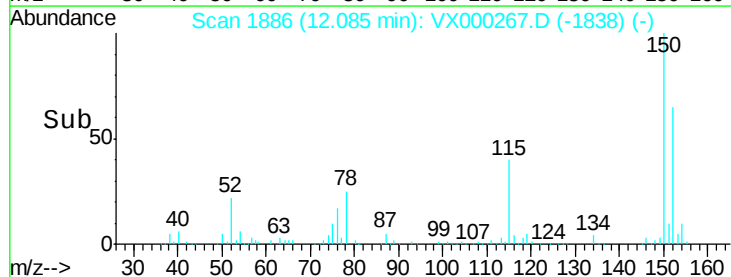
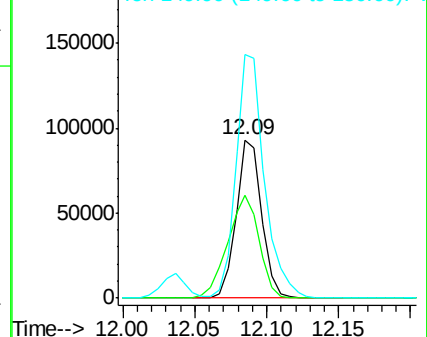
150 172.1 0.0 345.0



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: 47.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 341431

Ion Ratio Lower Upper

105 100

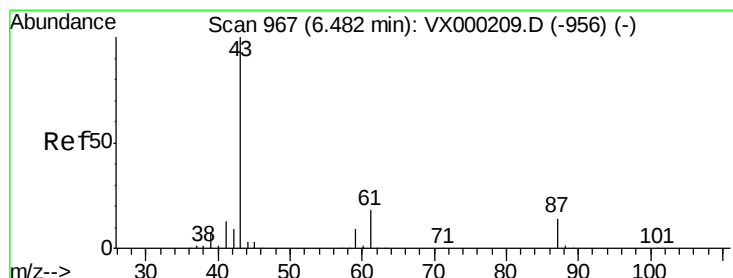
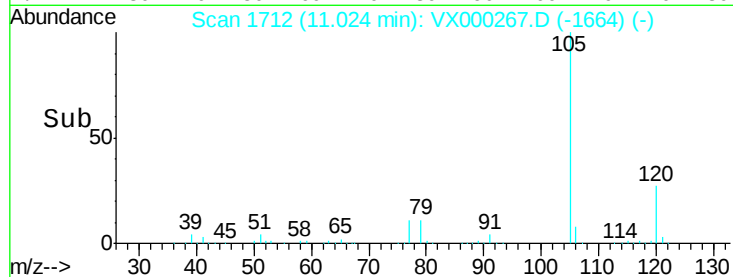
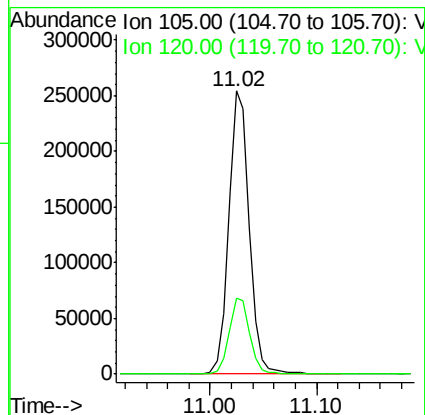
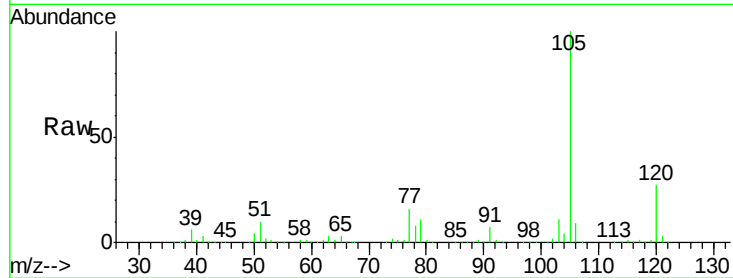
120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 50.93 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion: 43 Resp: 188018

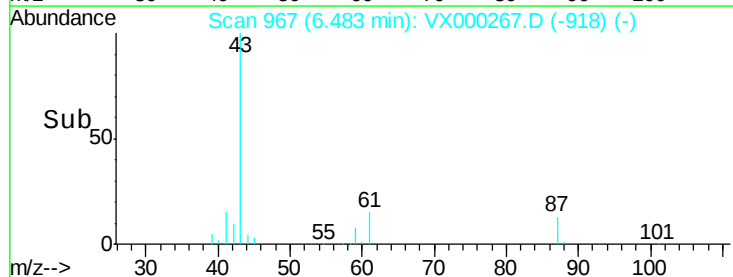
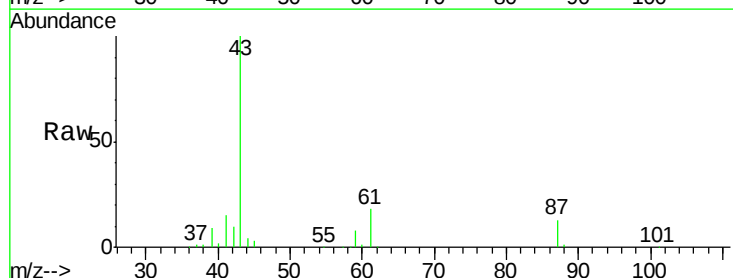
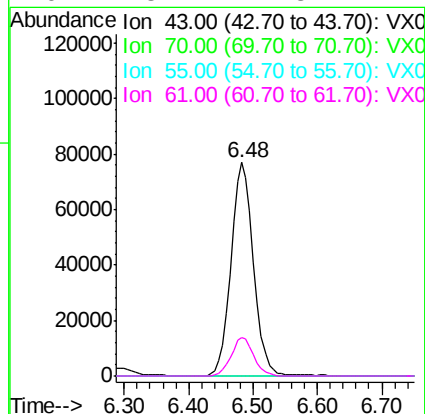
Ion Ratio Lower Upper

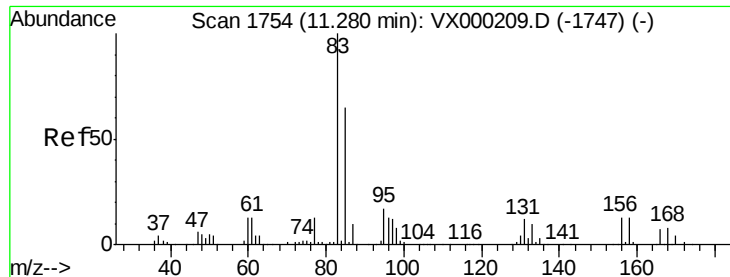
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.21 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

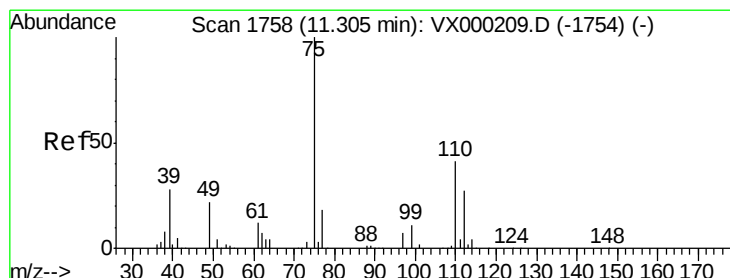
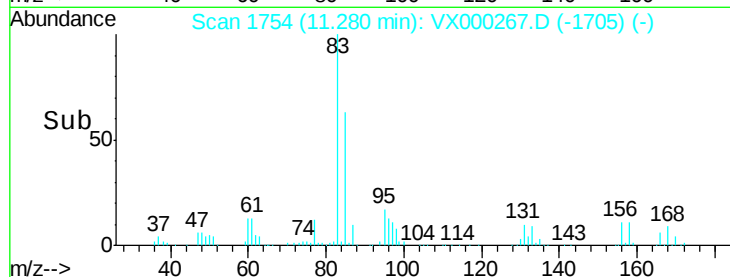
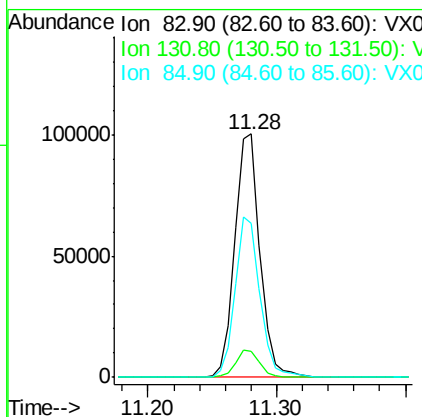
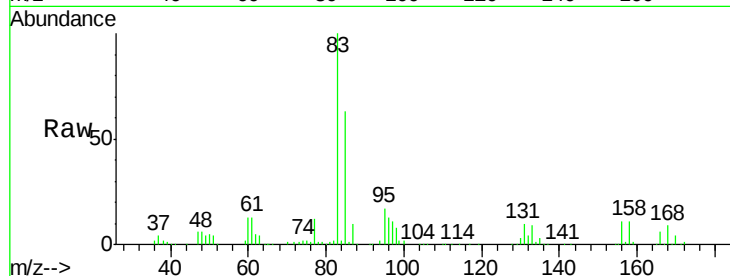
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	137133
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.5	16.5
85	65.0	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.27 ug/l m

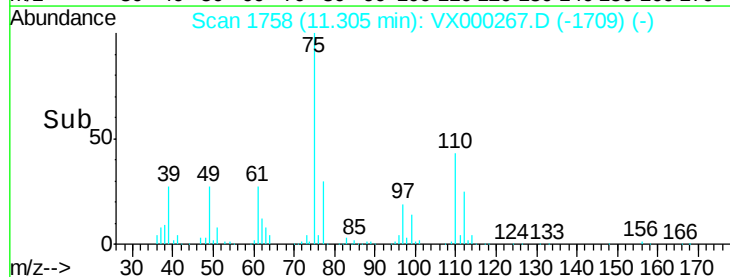
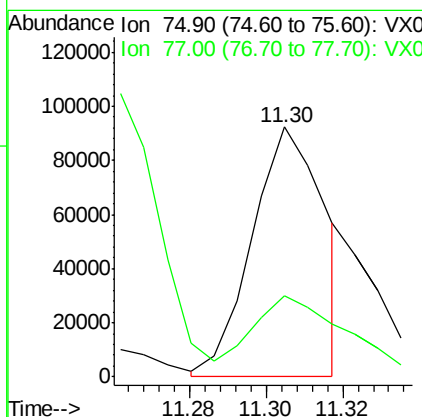
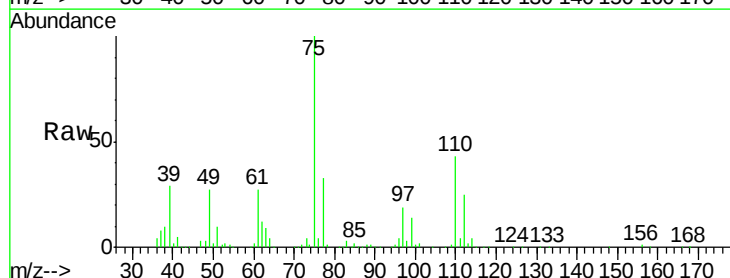
RT: 11.30 min Scan# 1758

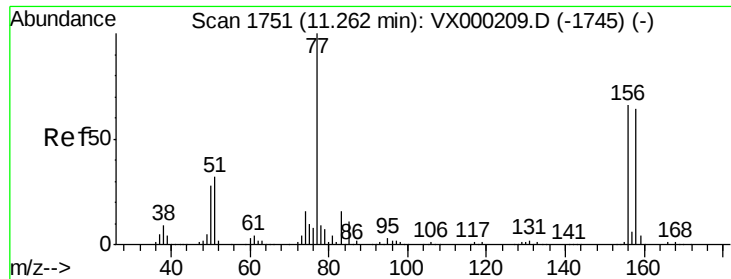
Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion:	75	Resp:	120758
Ion	Ratio	Lower	Upper
75	100		
77	43.0	22.3	66.8





#77

Bromobenzene

Concen: 48.07 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

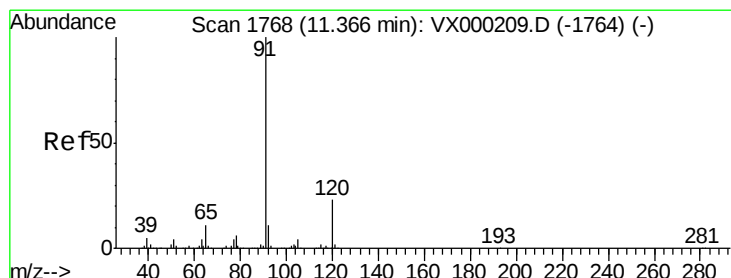
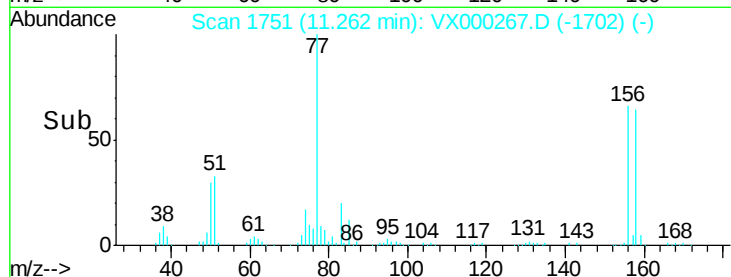
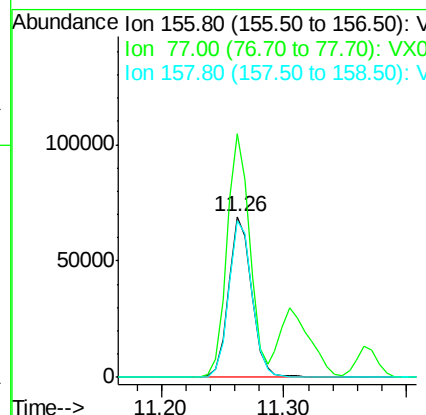
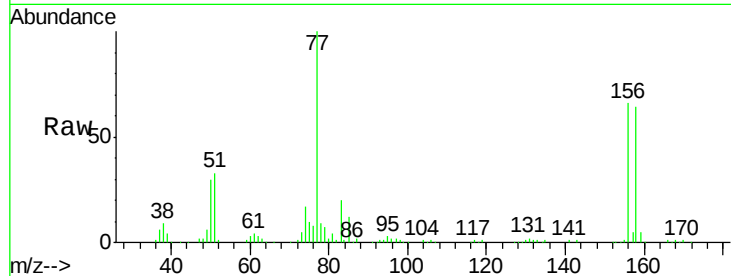
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.8	71.9	215.7
158	98.1	48.0	144.2

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#78

n-propylbenzene

Concen: 47.01 ug/l

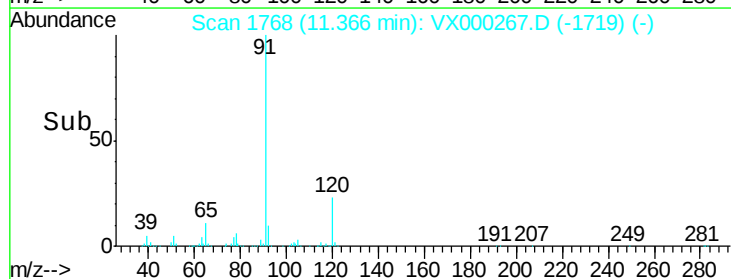
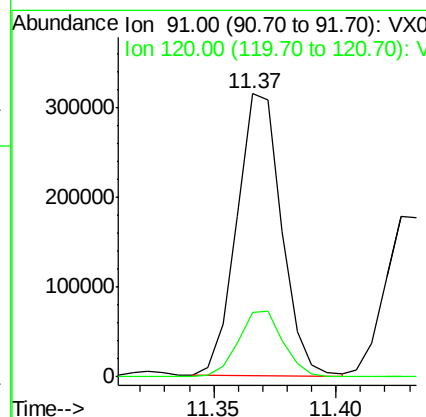
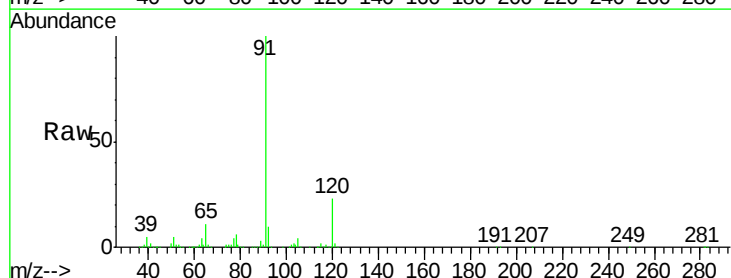
RT: 11.37 min Scan# 1768

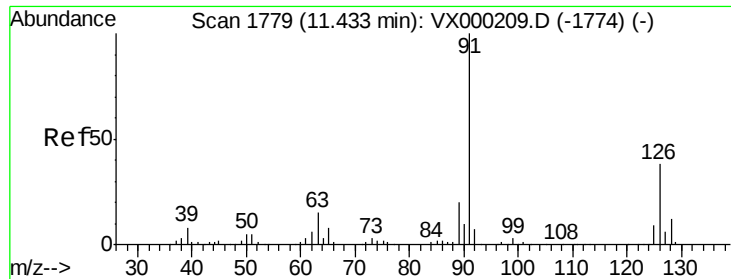
Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.2	36.4





#79

2-Chlorotoluene

Concen: 49.48 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 237032

Ion Ratio Lower Upper

91 100

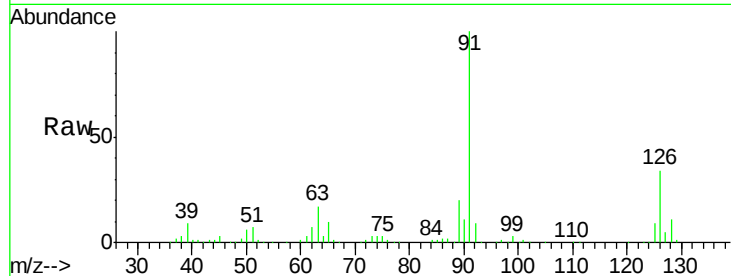
126 35.2 18.4 55.2

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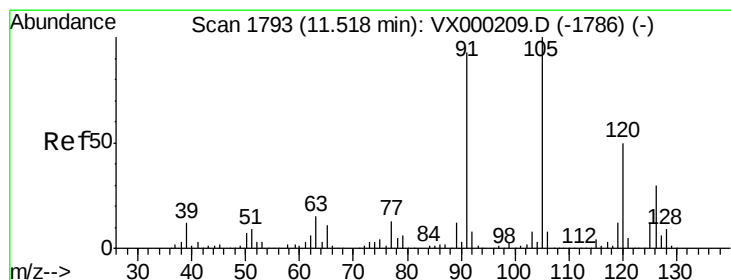
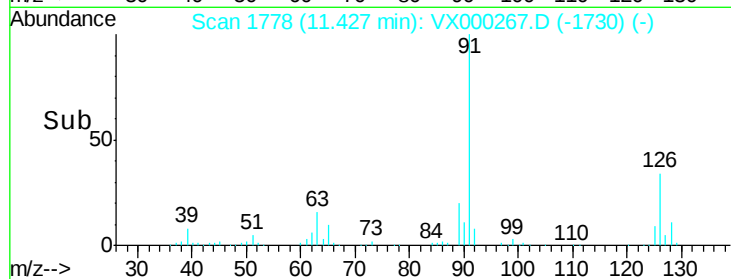
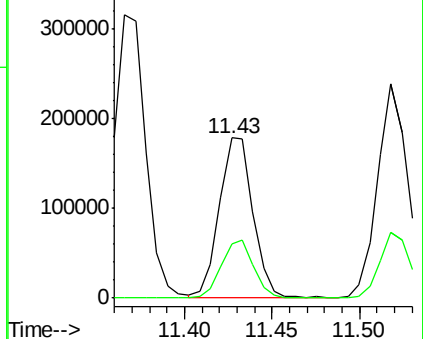
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000267.D

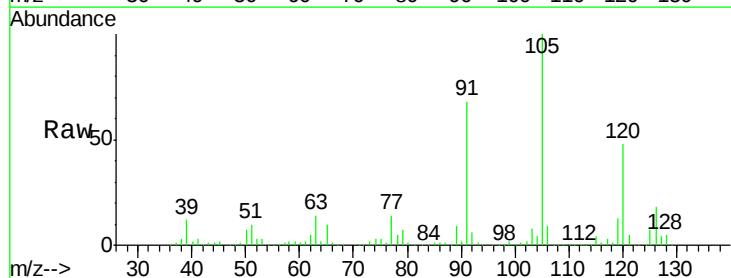
Acq: 09 Mar 2018 20:15

Tgt Ion: 105 Resp: 297889

Ion Ratio Lower Upper

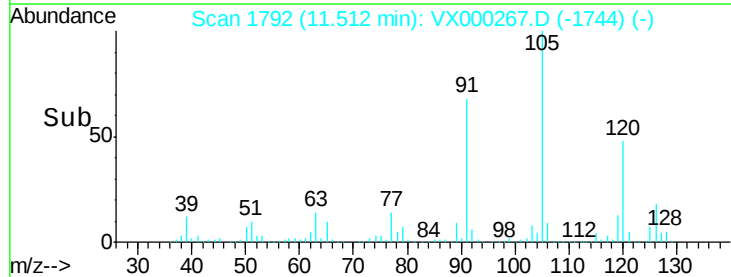
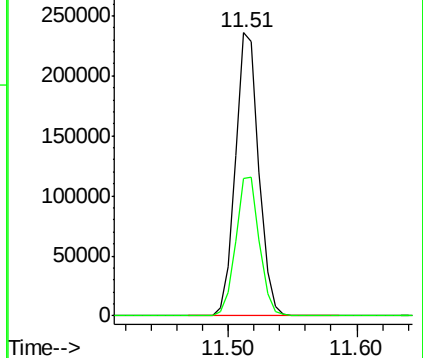
105 100

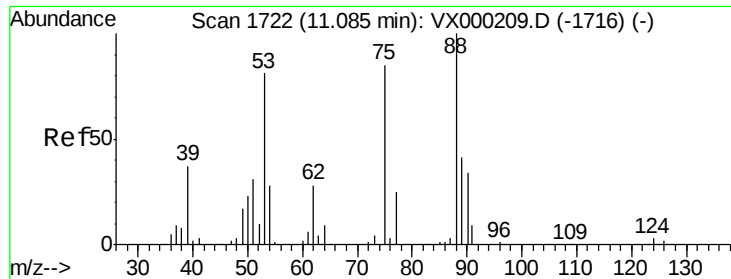
120 49.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





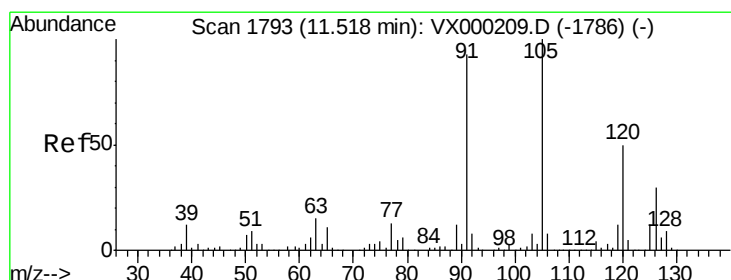
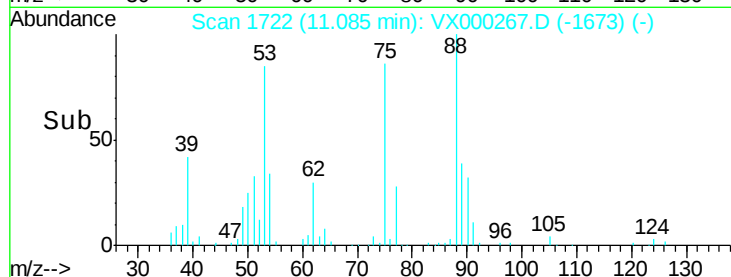
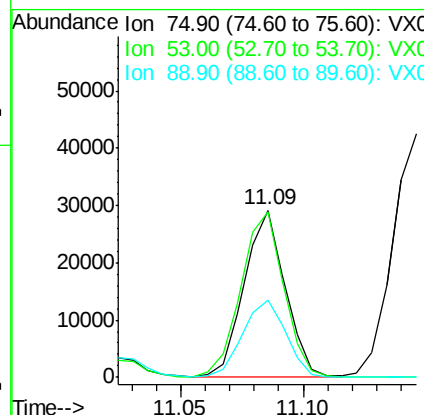
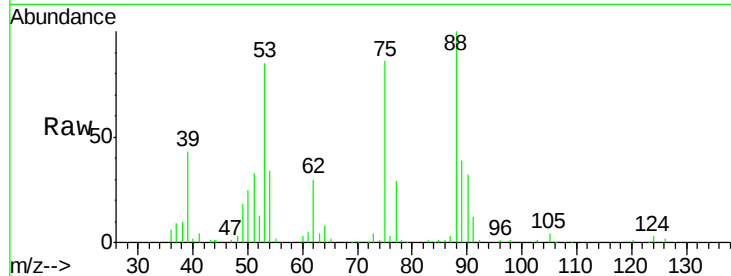
#81
trans-1,4-Dichloro-2-butene
Concen: 44.69 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 33714
Ion Ratio Lower Upper
75 100
53 104.5 78.6 118.0
89 49.1 38.8 58.2

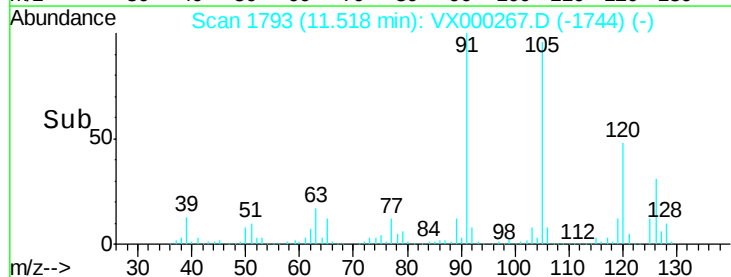
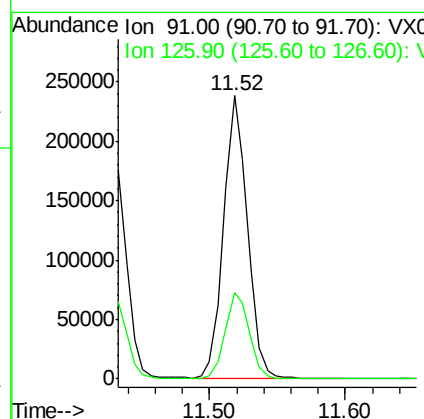
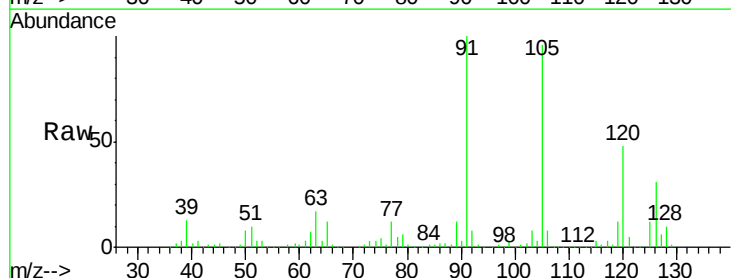
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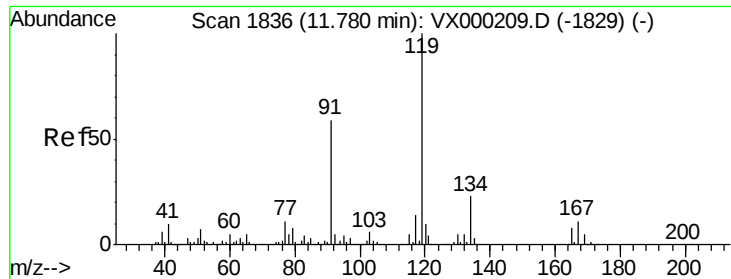
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#82
4-Chlorotoluene
Concen: 49.71 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 91 Resp: 289498
Ion Ratio Lower Upper
91 100
126 30.9 16.0 48.0





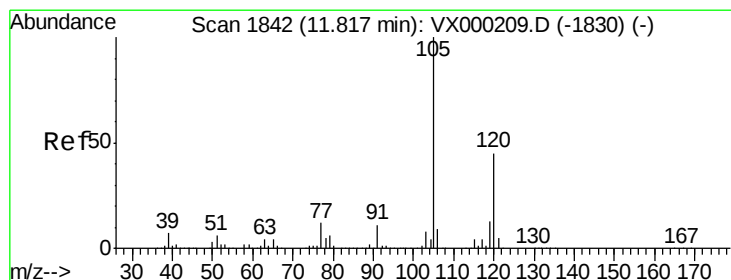
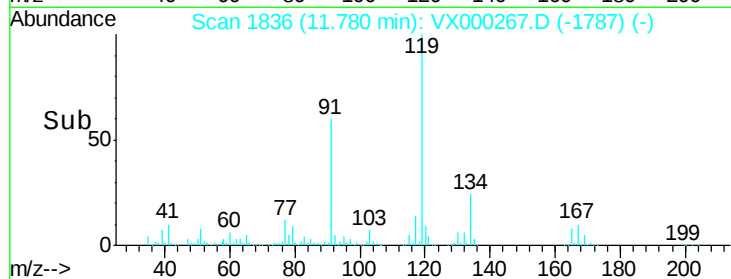
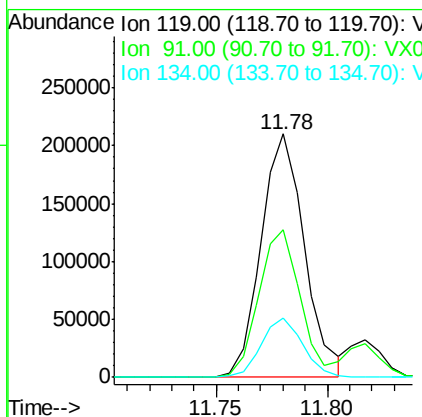
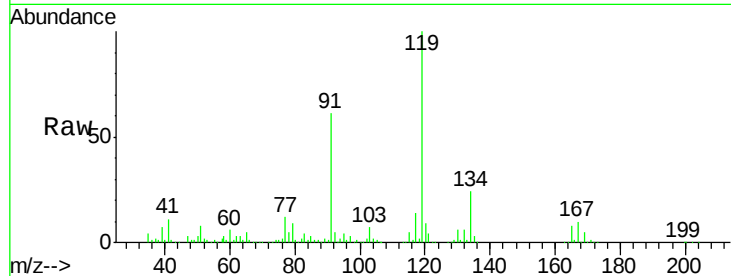
#83
 tert-Butylbenzene
 Concen: 48.56 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	284635		
91	57.5	28.9	86.7	
134	23.4	11.5	34.4	

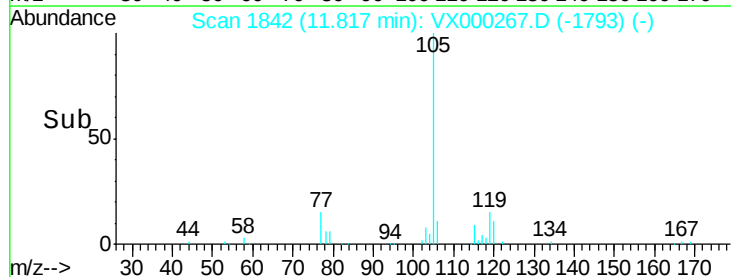
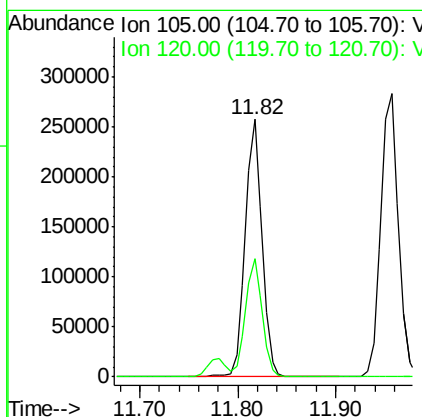
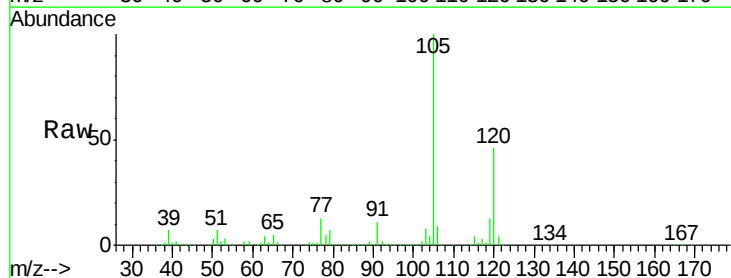
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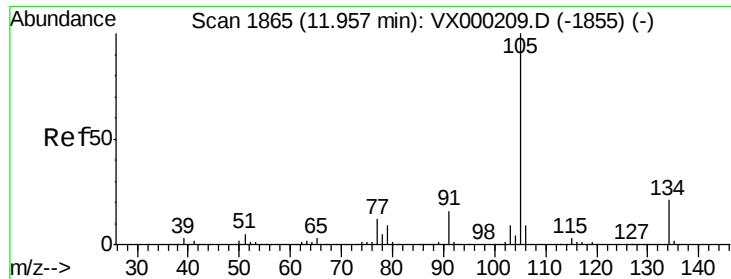
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.81 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	308579		
120	45.5	23.0	69.0	





#85

sec-Butylbenzene

Concen: 47.64 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 353223

Ion Ratio Lower Upper

105 100

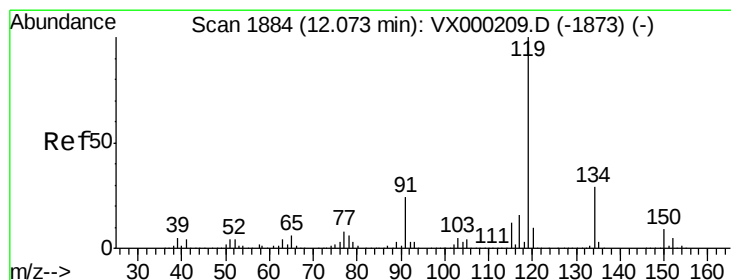
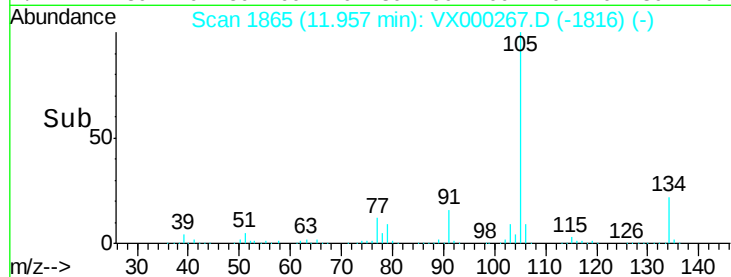
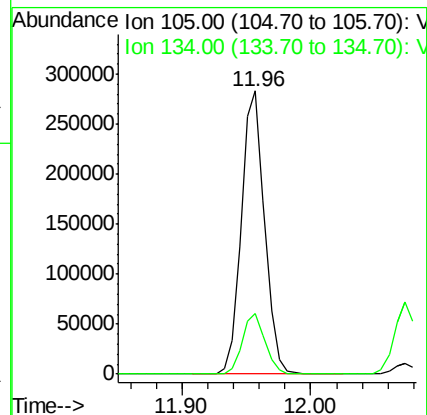
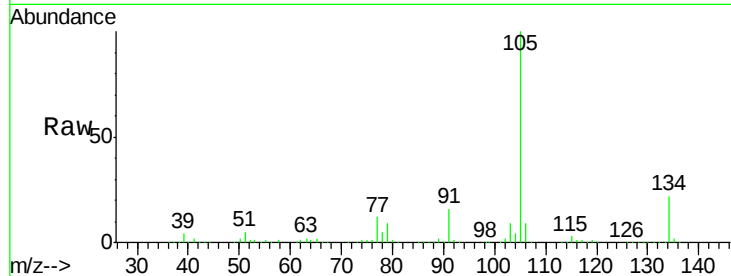
134 21.0 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 48.61 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

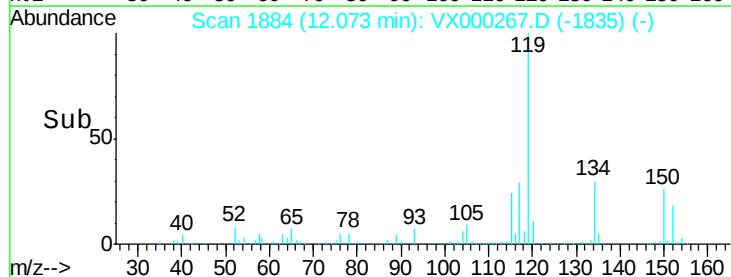
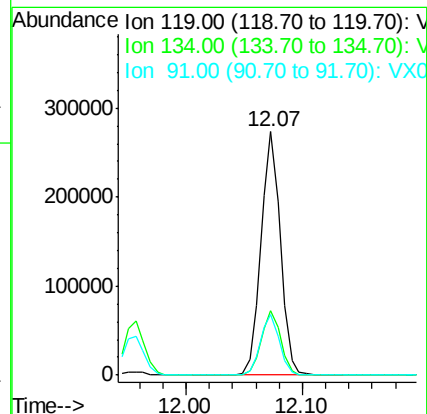
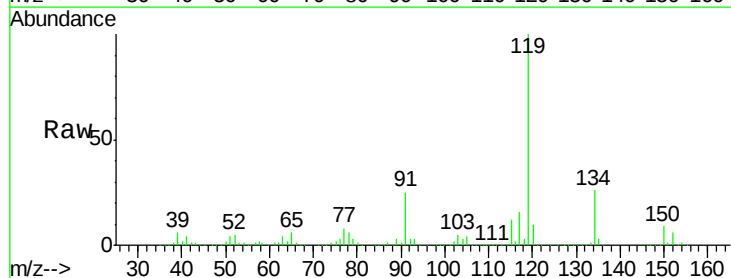
Tgt Ion:119 Resp: 317819

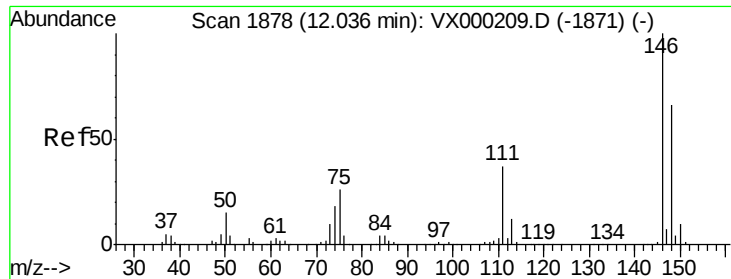
Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

91 24.6 12.0 36.0





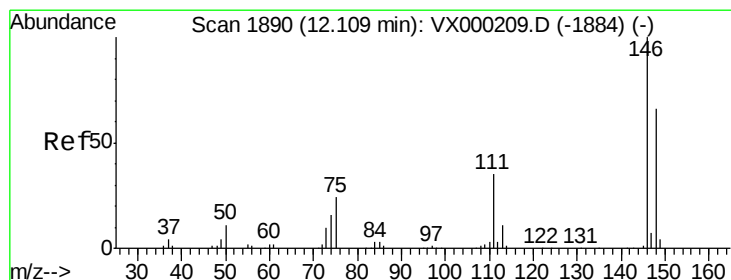
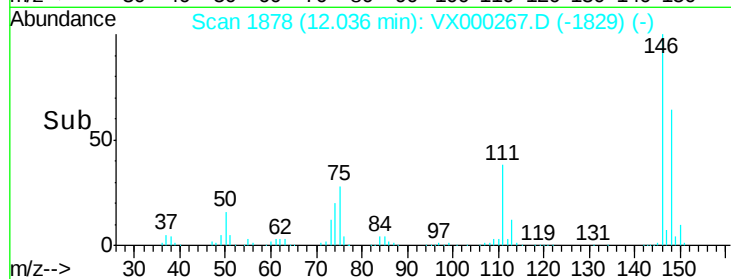
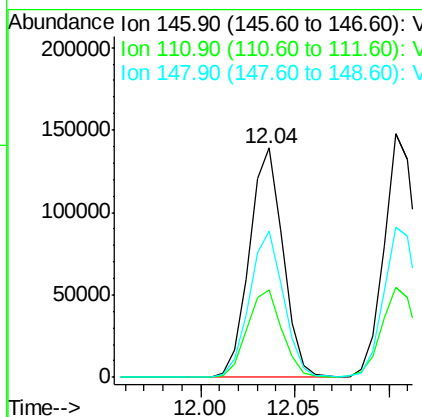
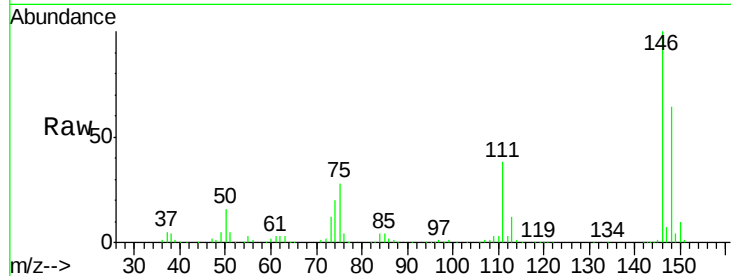
#87
 1,3-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.0	57.0
148	64.5	32.1	96.3

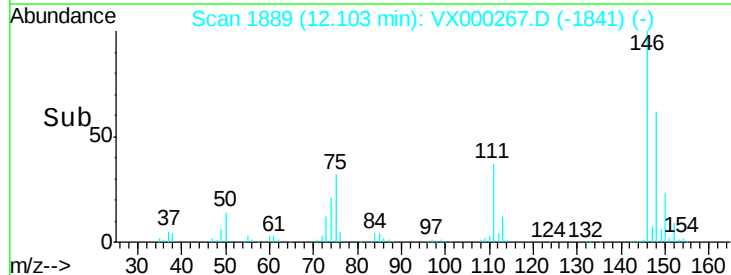
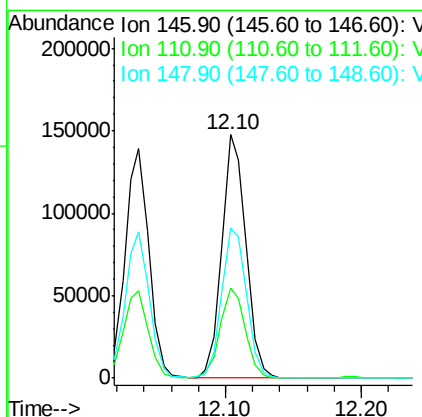
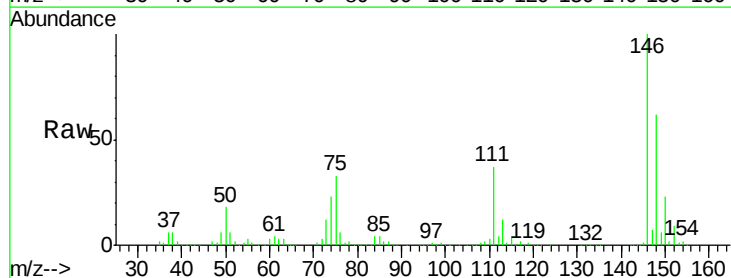
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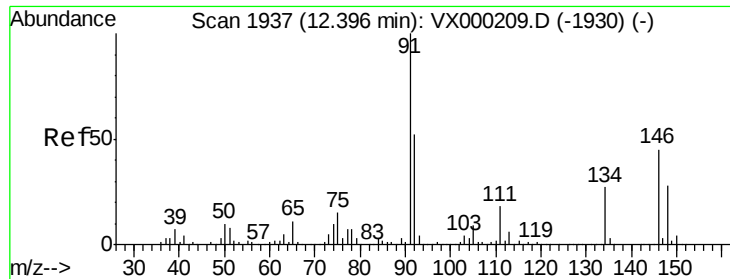
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#88
 1,4-Dichlorobenzene
 Concen: 48.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.0	32.6	97.8





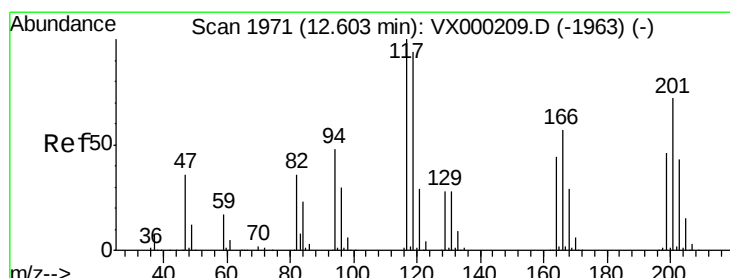
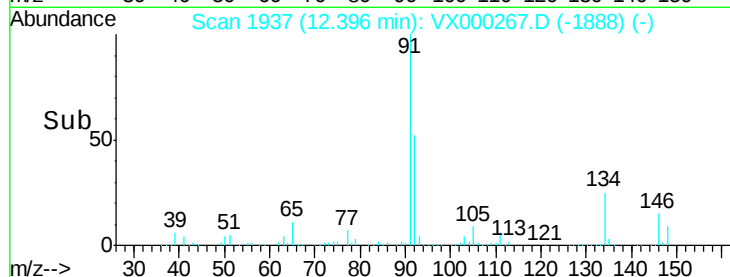
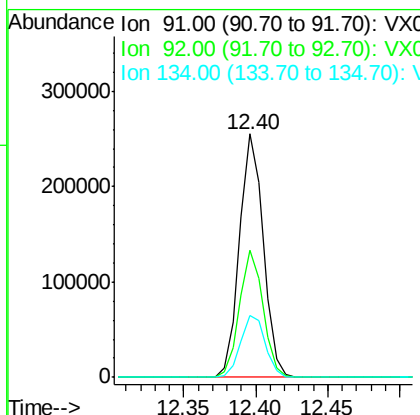
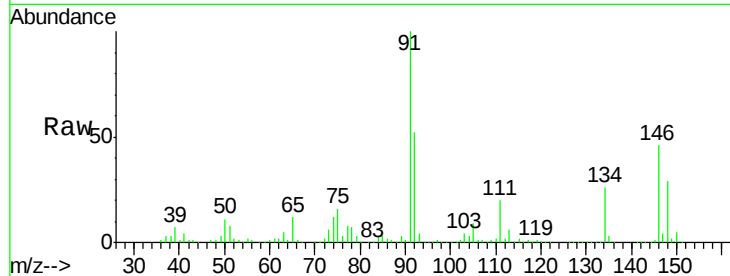
#89
n-Butylbenzene
Concen: 46.67 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.4
134	26.5	13.5	40.5

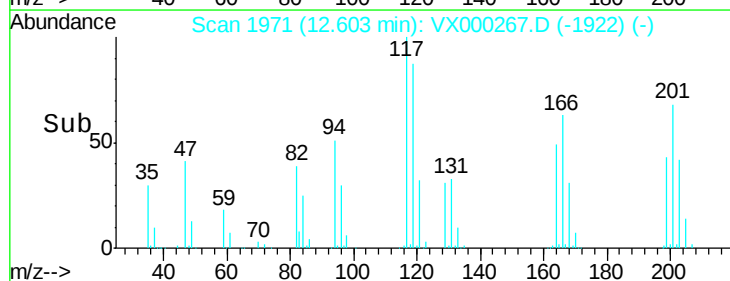
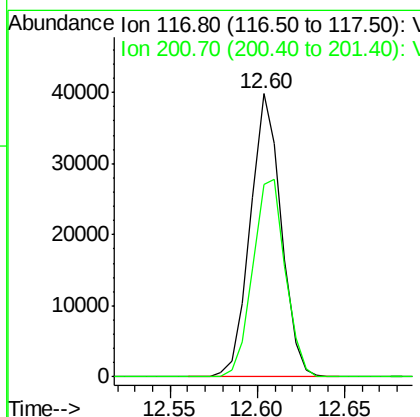
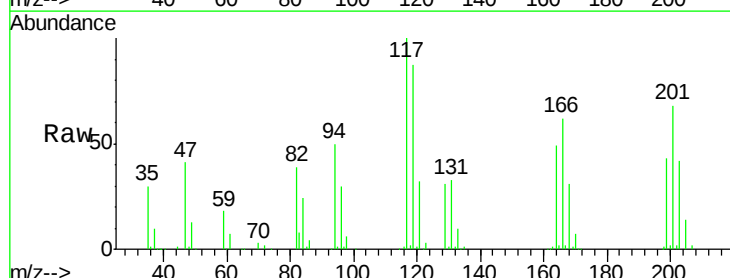
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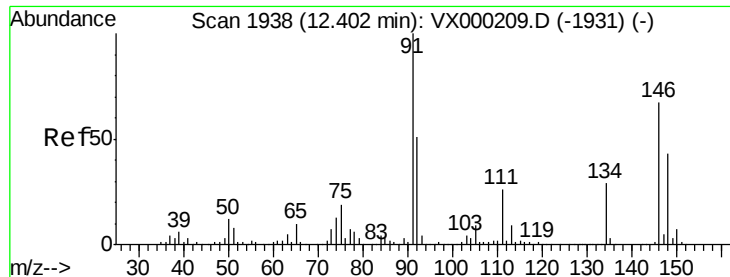
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#90
Hexachloroethane
Concen: 46.36 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.6	38.2	114.6





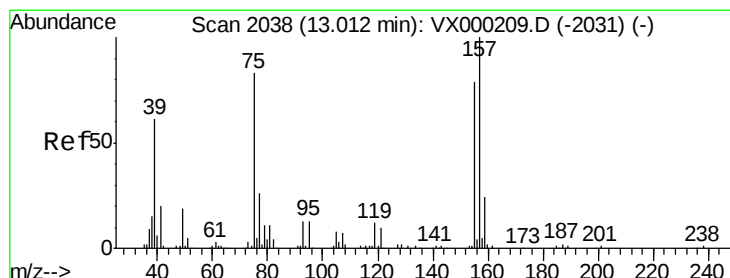
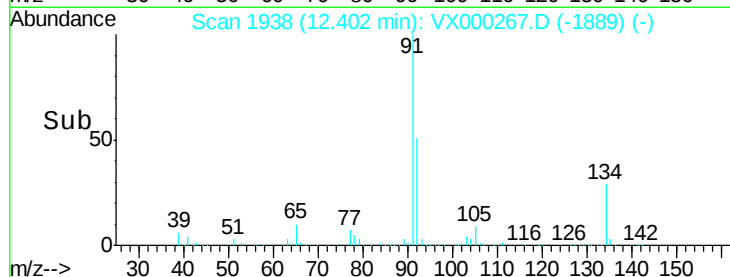
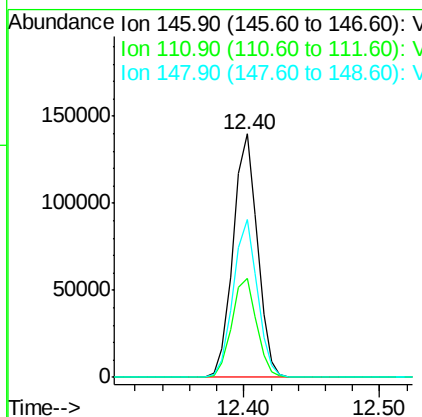
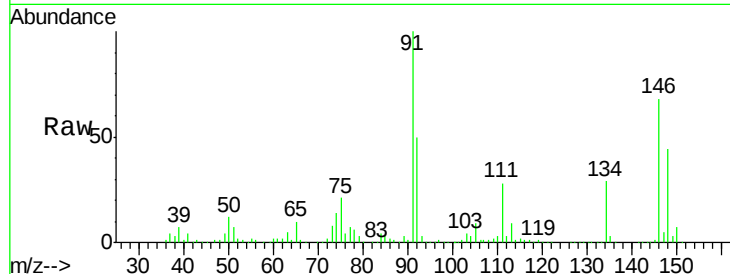
#91
1,2-Dichlorobenzene
Concen: 49.60 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174177		
111	41.5	19.7	59.0	
148	64.5	32.0	96.0	

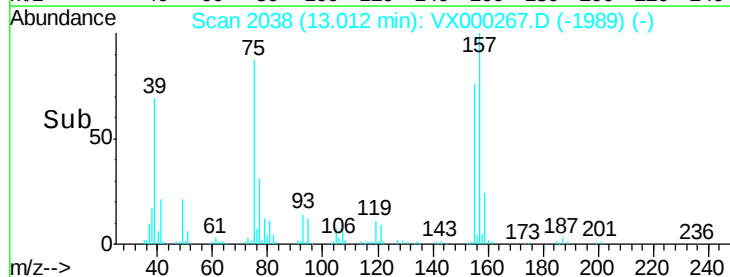
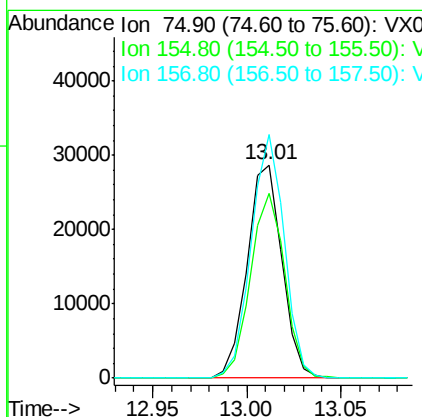
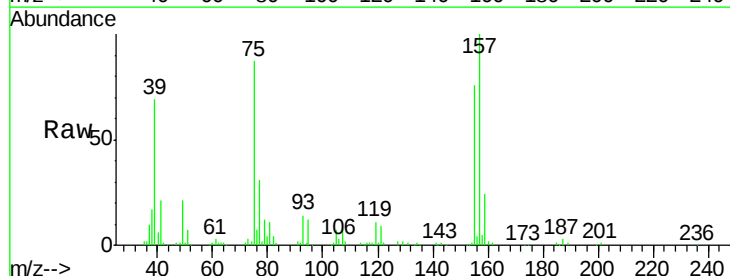
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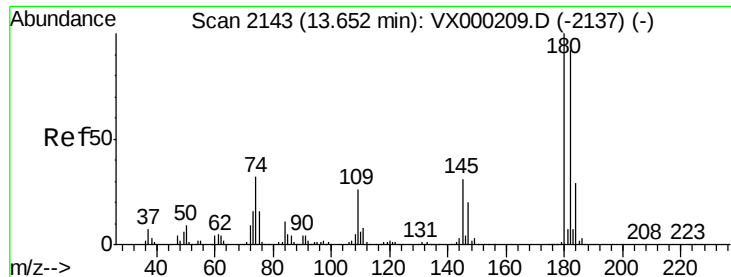
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#92
1,2-Dibromo-3-Chloropropane
Concen: 51.71 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36731		
155	85.7	45.5	136.5	
157	108.9	58.6	175.8	





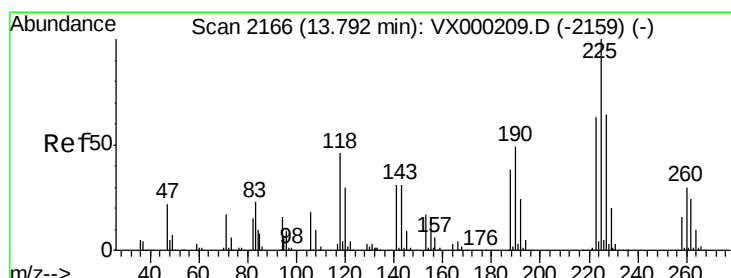
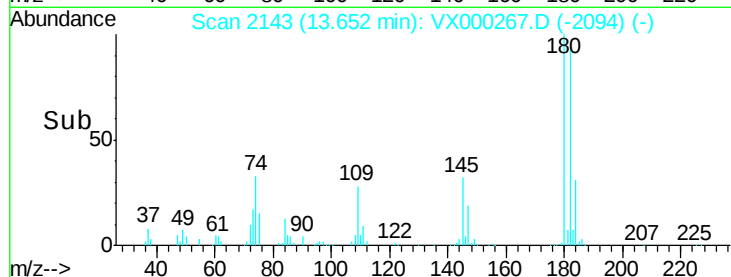
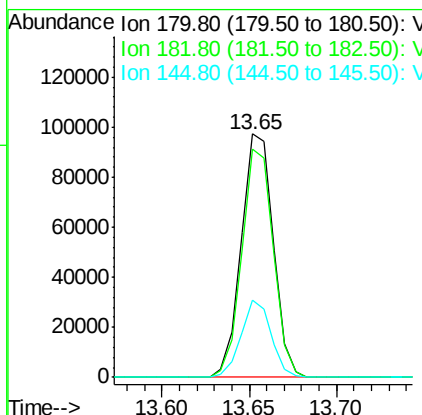
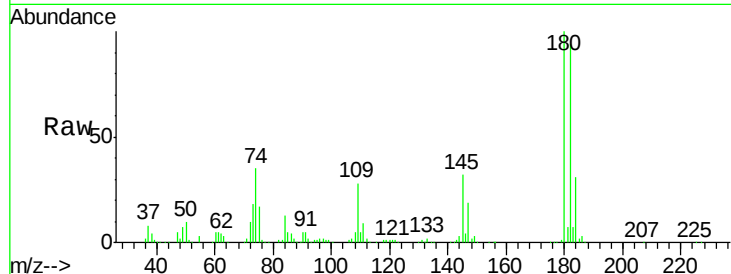
#93
 1,2,4-Trichlorobenzene
 Concen: 48.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.0	141.0
145	30.1	15.3	45.9

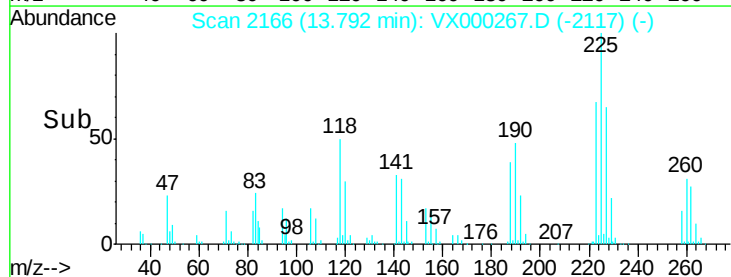
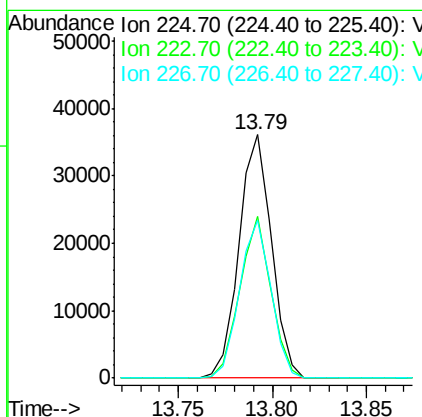
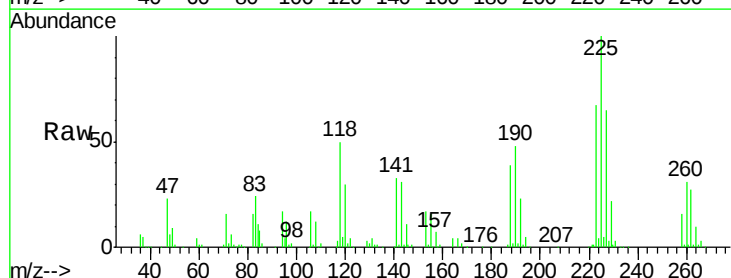
Manual Integrations
 APPROVED

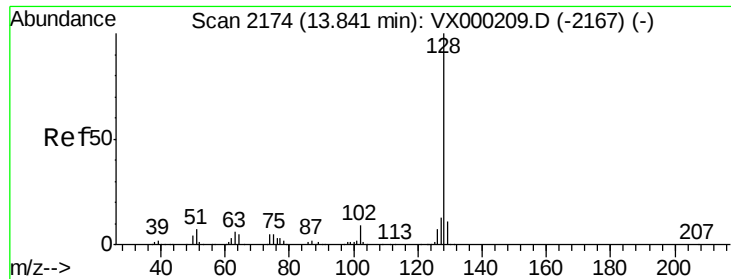
apatel
 3/10/2018 12:56:08 PM



#94
 Hexachlorobutadiene
 Concen: 40.61 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.8	95.3
227	63.0	31.9	95.5





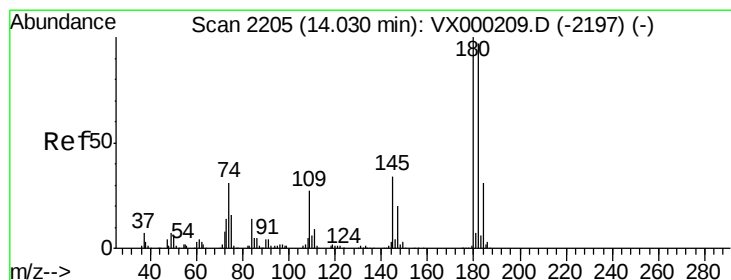
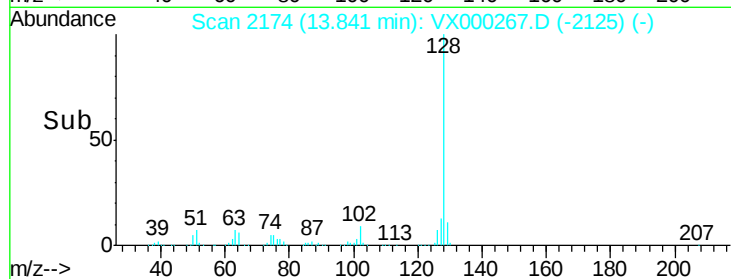
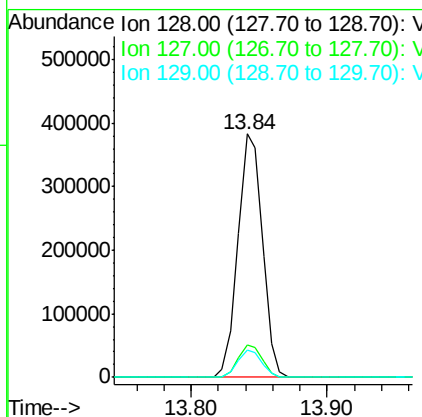
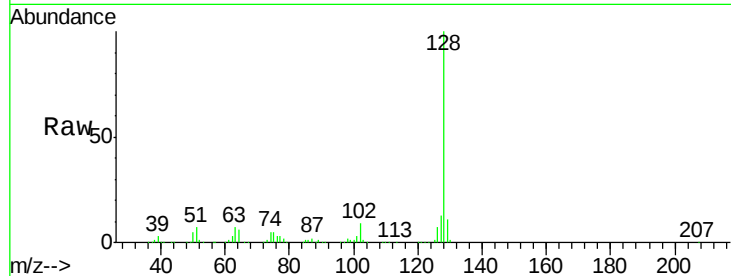
#95
Naphthalene
Concen: 53.89 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	480387		
127	13.1	10.5	15.7	
129	11.0	8.6	13.0	

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 49.68 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125536		
182	93.3	48.0	144.0	
145	31.5	16.3	48.8	

