

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070318\
 Data File : VX003141.D
 Acq On : 03 Jul 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:48 PM

Quant Time: Jul 04 03:40:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236794	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	159909	39.11	ug/l	0.00
Spiked Amount			Recovery	=	78.22%	
35) Dibromofluoromethane	5.51	113	138825	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
50) Toluene-d8	8.72	98	499009	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.14	95	195965	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	140139	53.079	ug/l	99
3) Chloromethane	1.32	50	142479	52.006	ug/l	99
4) Vinyl Chloride	1.40	62	161687	48.332	ug/l	98
5) Bromomethane	1.64	94	69483	44.178	ug/l	99
6) Chloroethane	1.72	64	98990	50.455	ug/l	99
7) Trichlorofluoromethane	1.93	101	253254	44.880	ug/l	98
8) Diethyl Ether	2.19	74	93437	45.547	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	151688	46.392	ug/l	96
10) Methyl Iodide	2.51	142	131825	41.031	ug/l	97
11) Tert butyl alcohol	3.08	59	156232	191.814	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134113	45.971	ug/l	92
13) Acrolein	2.29	56	57114	128.573	ug/l	99
14) Allyl chloride	2.73	41	260902	45.369	ug/l	95
15) Acrylonitrile	3.15	53	381402	219.231	ug/l	99
16) Acetone	2.45	43	340244	200.943	ug/l	96
17) Carbon Disulfide	2.57	76	372465	47.918	ug/l	98
18) Methyl Acetate	2.78	43	181195	38.274	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	463112	44.157	ug/l	99
20) Methylene Chloride	2.86	84	150363	45.633	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	144860	45.590	ug/l	94
22) Diisopropyl ether	3.88	45	513419	46.706	ug/l	97
23) Vinyl Acetate	3.83	43	2183095	234.536	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269642	45.131	ug/l	100
25) 2-Butanone	4.71	43	569542	226.645	ug/l	96
26) 2,2-Dichloropropane	4.59	77	239938	49.387	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	173459	48.688	ug/l	93
28) Bromochloromethane	5.02	49	141766	49.572	ug/l	89
29) Tetrahydrofuran	5.17	42	366385	227.360	ug/l	97
30) Chloroform	5.22	83	291567	47.551	ug/l	96
31) Cyclohexane	5.57	56	252983	49.338	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	261626	48.496	ug/l	99
36) 1,1-Dichloropropene	5.80	75	217368	52.180	ug/l	99
37) Ethyl Acetate	4.87	43	224514	50.055	ug/l	98
38) Carbon Tetrachloride	5.78	117	238579	52.189	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254200	52.388	ug/l	96
40) Benzene	6.15	78	618586	51.107	ug/l	100
41) Methacrylonitrile	5.07	41	127069	49.198	ug/l	98
42) 1,2-Dichloroethane	6.20	62	233384	47.733	ug/l	99
43) Isopropyl Acetate	6.47	43	365166	48.544	ug/l	97
44) Trichloroethene	7.21	130	188809	52.321	ug/l	99
45) 1,2-Dichloropropane	7.52	63	158950	49.506	ug/l	98
46) Dibromomethane	7.67	93	110551	49.614	ug/l	95
47) Bromodichloromethane	7.90	83	213838	51.912	ug/l	98
48) Methyl methacrylate	7.78	41	186872	48.213	ug/l	95
49) 1,4-Dioxane	7.76	88	67915	900.616	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1166811	247.918	ug/l	97
52) Toluene	8.79	92	412253	53.167	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	258294	55.367	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	241808	53.870	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	165745	52.019	ug/l	97
56) Ethyl methacrylate	9.18	69	250479	53.789	ug/l	93
57) 1,3-Dichloropropane	9.38	76	265690	50.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	510280	227.138	ug/l	96
59) 2-Hexanone	9.50	43	873479	244.199	ug/l	96
60) Dibromochloromethane	9.59	129	180820	53.909	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173001	51.764	ug/l	100
64) Tetrachloroethene	9.34	164	212050	52.571	ug/l	98
65) Chlorobenzene	10.14	112	468462	50.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	174408	52.107	ug/l	99
67) Ethyl Benzene	10.26	91	791491	52.002	ug/l	100
68) m/p-Xylenes	10.36	106	626833	106.859	ug/l	97
69) o-Xylene	10.70	106	307136	53.773	ug/l	98
70) Styrene	10.71	104	522519	56.299	ug/l	98
71) Bromoform	10.86	173	145895	48.380	ug/l	100
73) Isopropylbenzene	11.02	105	845987	53.107	ug/l	100
74) N-amyl acetate	6.47	43	365166	46.851	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	239452	48.798	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244374m	56.974	ug/l	
77) Bromobenzene	11.26	156	231885	51.116	ug/l	95
78) n-propylbenzene	11.37	91	950159	52.401	ug/l	98
79) 2-Chlorotoluene	11.43	91	553795	50.447	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	709294	52.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	71410	48.419	ug/l	95
82) 4-Chlorotoluene	11.51	91	662490	50.976	ug/l	97
83) tert-Butylbenzene	11.77	119	681810	51.563	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	713285	51.311	ug/l	98
85) sec-Butylbenzene	11.95	105	814139	50.754	ug/l	99
86) p-Isopropyltoluene	12.07	119	751302	52.096	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	418853	50.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	424345	49.769	ug/l	99
89) n-Butylbenzene	12.39	91	641126	51.076	ug/l	99
90) Hexachloroethane	12.60	117	114995	53.609	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	418461	50.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53160	48.191	ug/l	94

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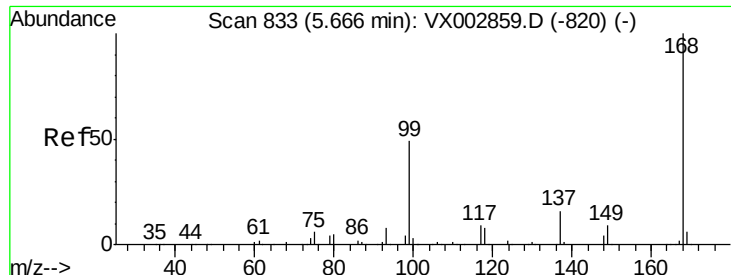
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	327064	53.740	ug/l	99
94) Hexachlorobutadiene	13.79	225	162365	53.490	ug/l	99
95) Naphthalene	13.83	128	870956	53.731	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325995	53.628	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 295809

Ion Ratio Lower Upper

168 100

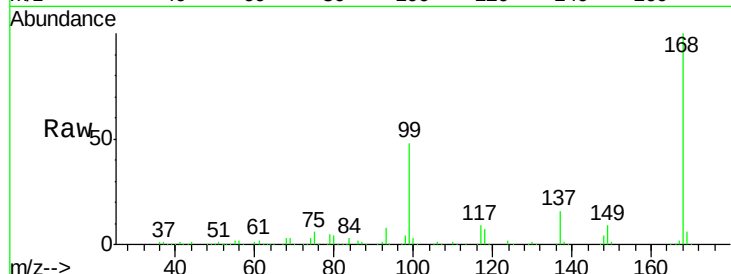
99 48.0 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

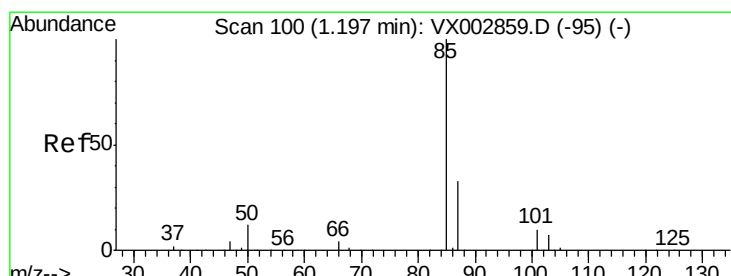
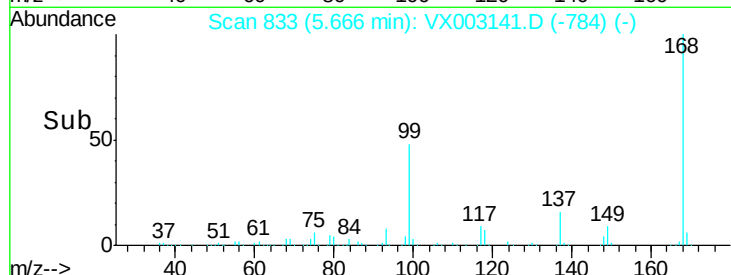
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.079 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003141.D

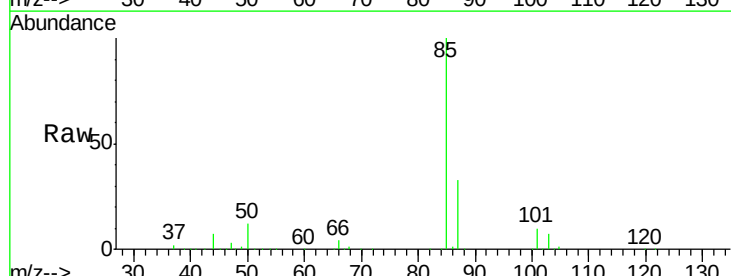
Acq: 03 Jul 2018 10:20

Tgt Ion: 85 Resp: 140139

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

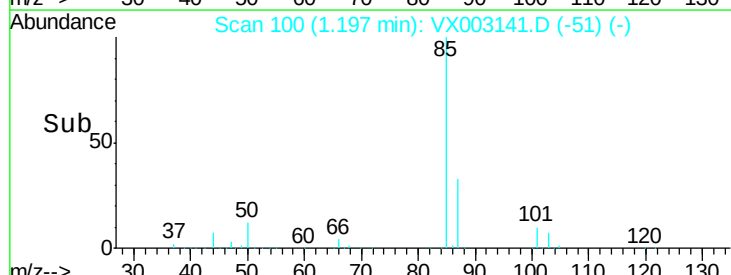
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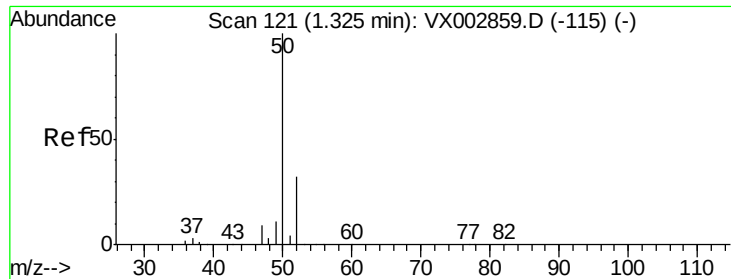
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 52.006 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 142479

Ion Ratio Lower Upper

50 100

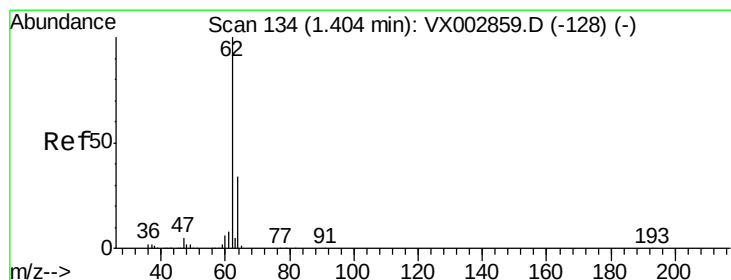
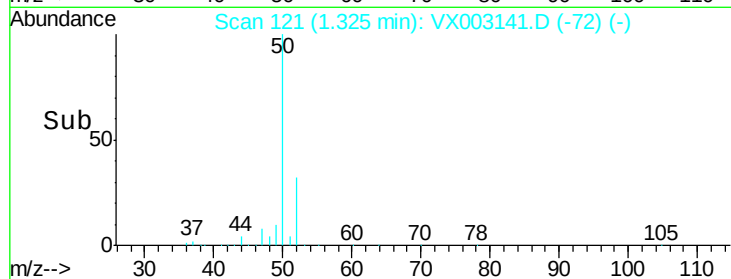
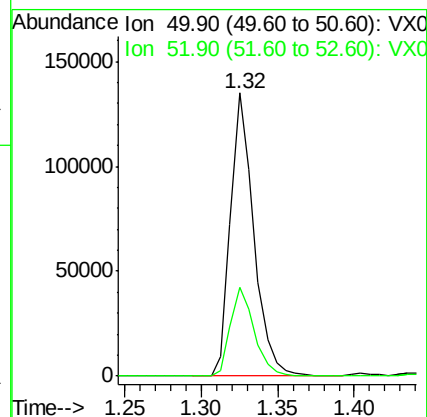
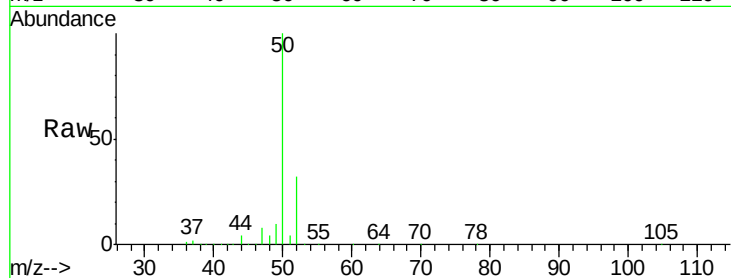
52 31.5 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.332 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003141.D

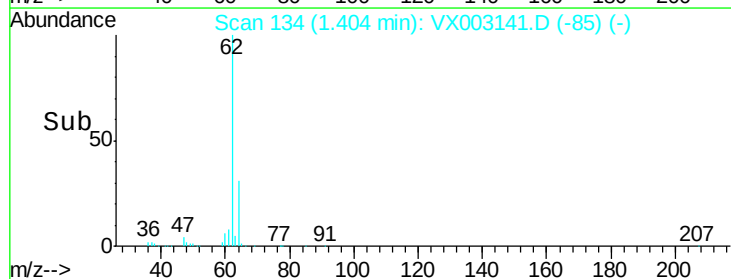
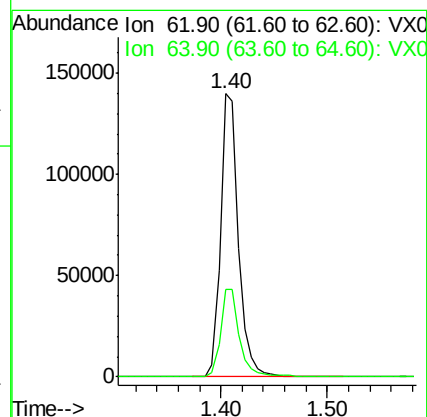
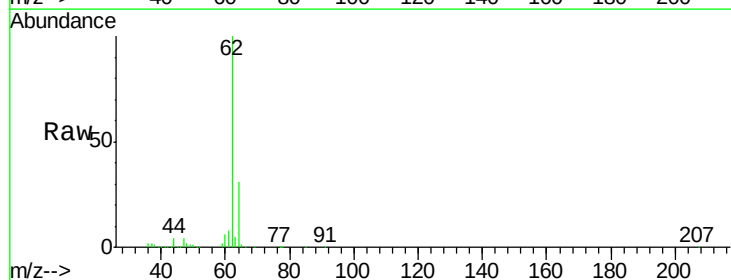
Acq: 03 Jul 2018 10:20

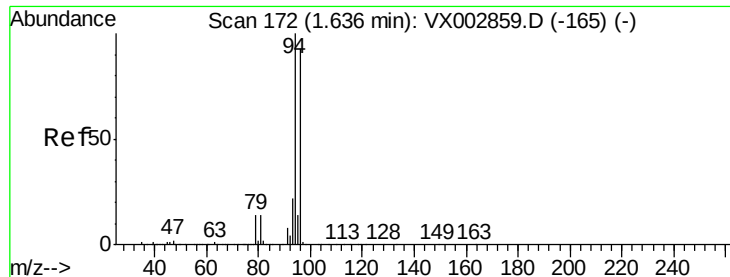
Tgt Ion: 62 Resp: 161687

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2





#5

Bromomethane

Concen: 44.178 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69483

Ion Ratio Lower Upper

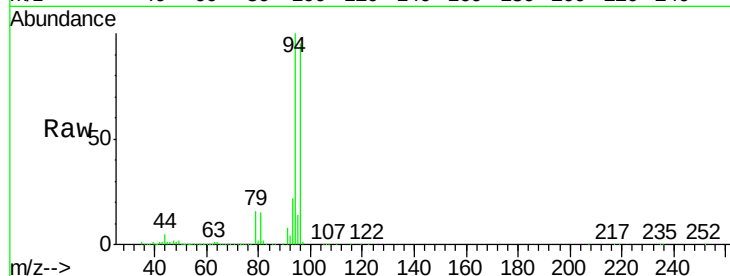
94 100

96 94.7 74.9 112.3

Manual Integrations
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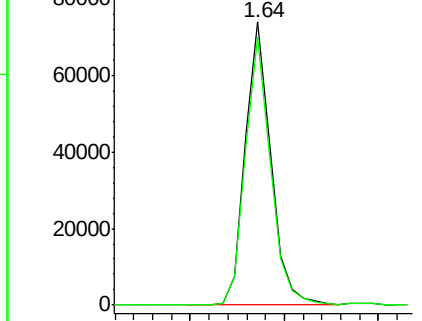
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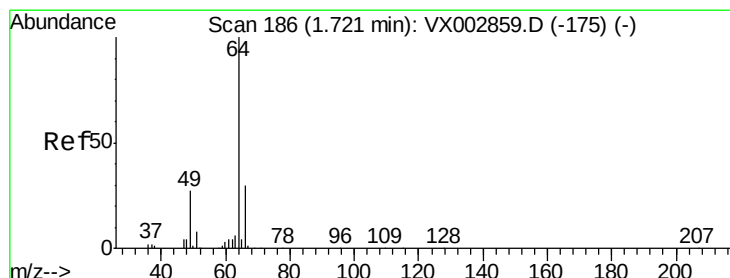
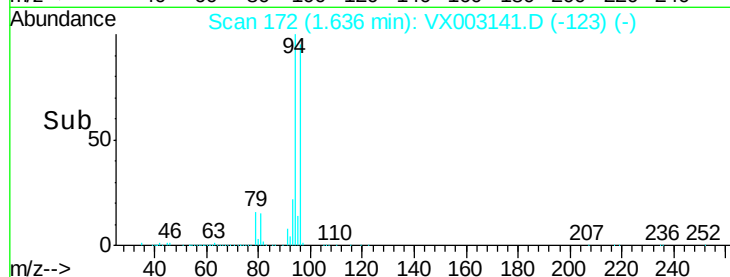


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 50.455 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003141.D

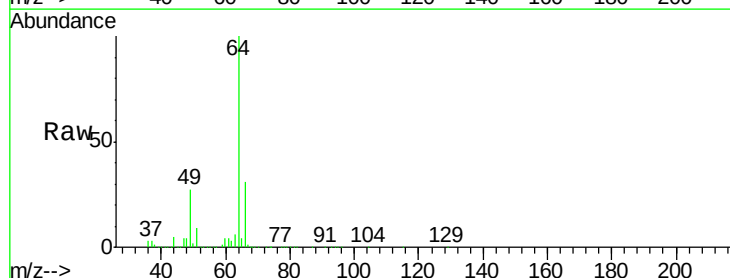
Acq: 03 Jul 2018 10:20

Tgt Ion: 64 Resp: 98990

Ion Ratio Lower Upper

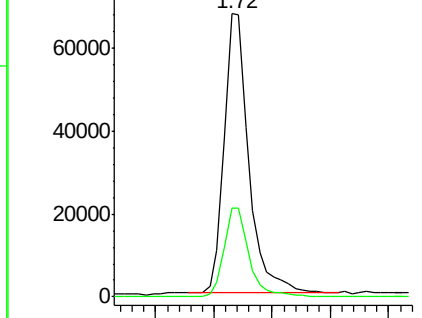
64 100

66 31.5 25.5 38.3

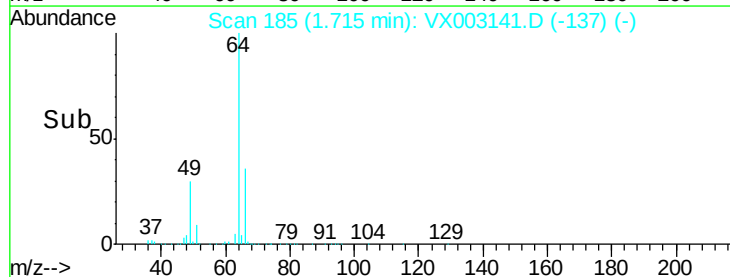


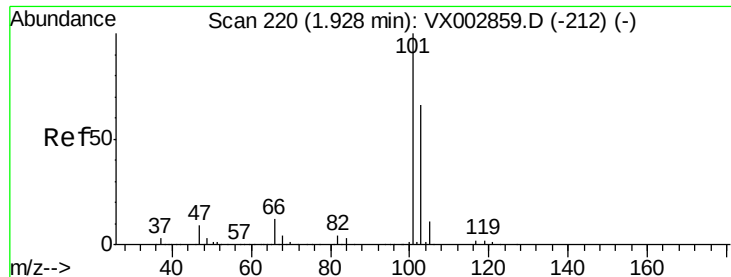
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

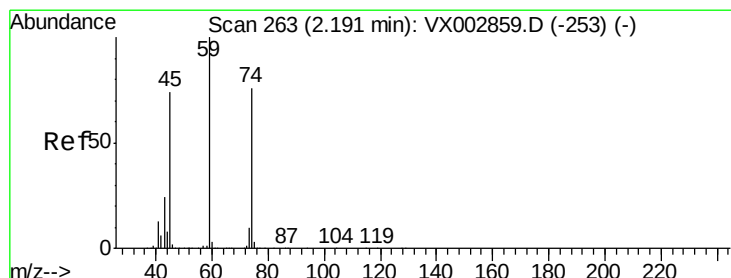
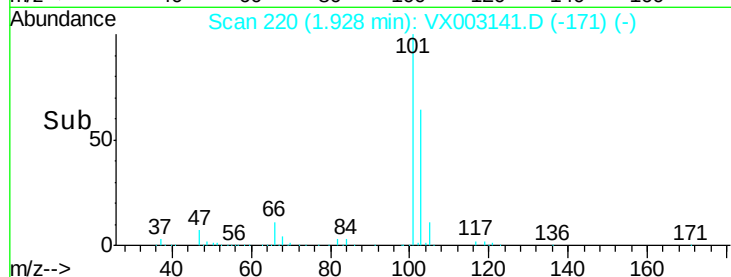
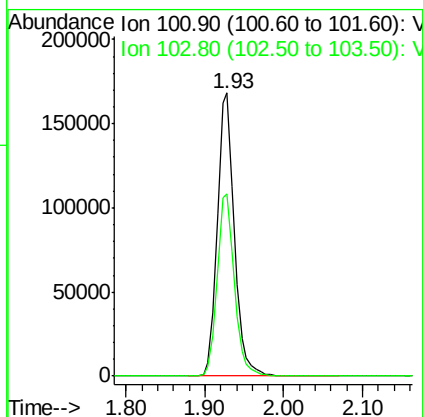
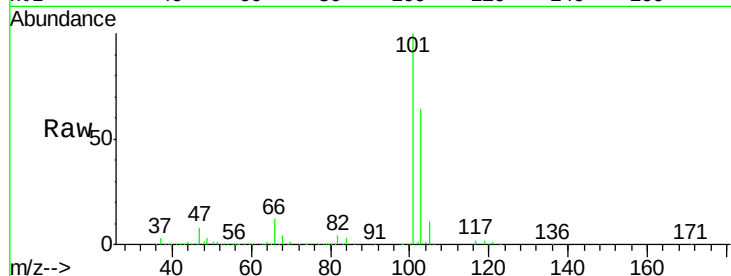
Trichlorofluoromethane
Concen: 44.880 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	253254		
103	64.2	52.8	79.2	

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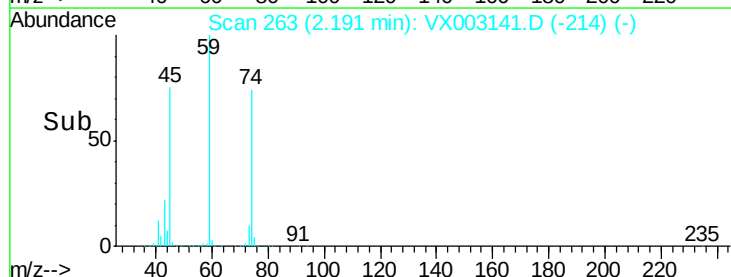
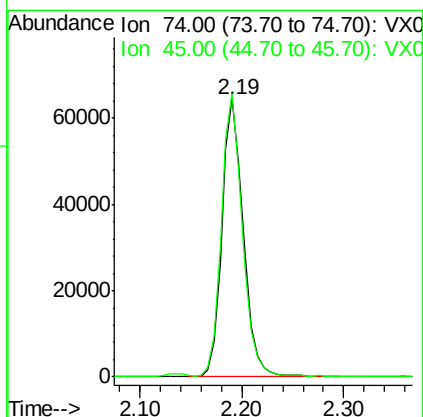
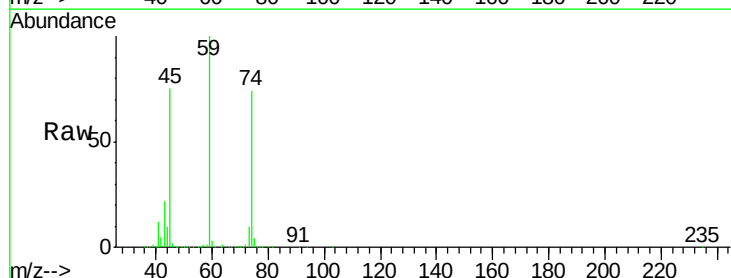
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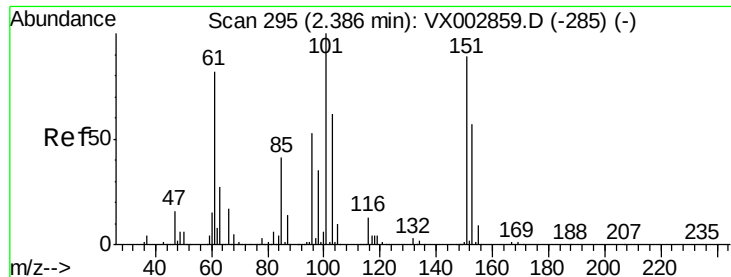


#8

Diethyl Ether
Concen: 45.547 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	93437		
45	100.2	53.1	159.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.392 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

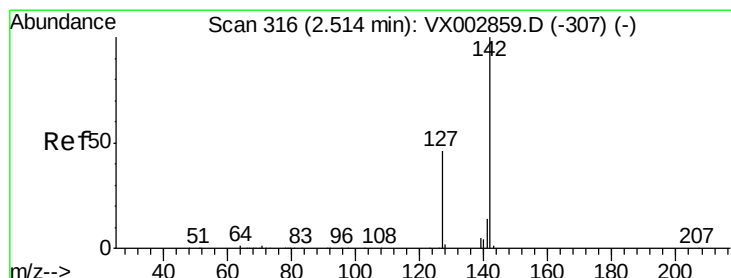
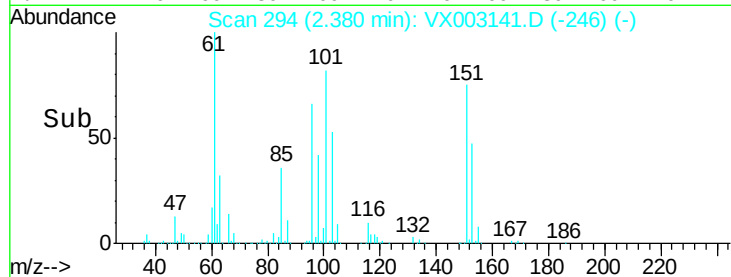
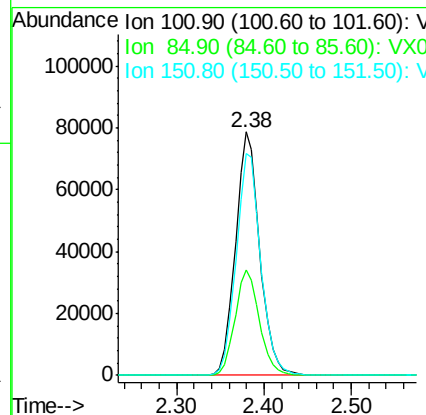
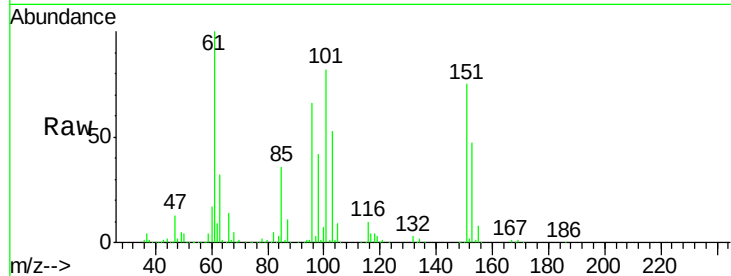
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	151688
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	92.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 41.031 ug/l

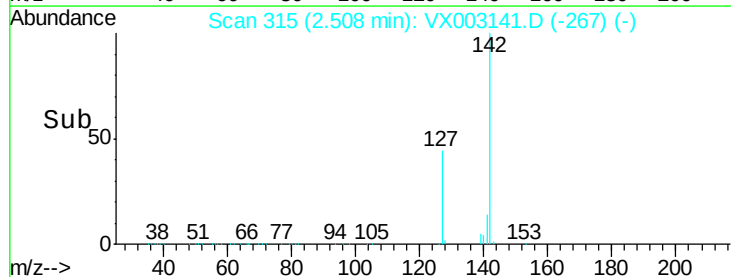
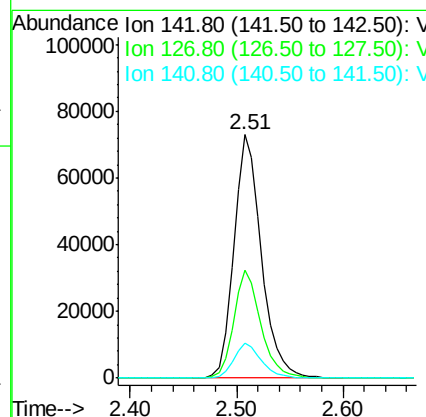
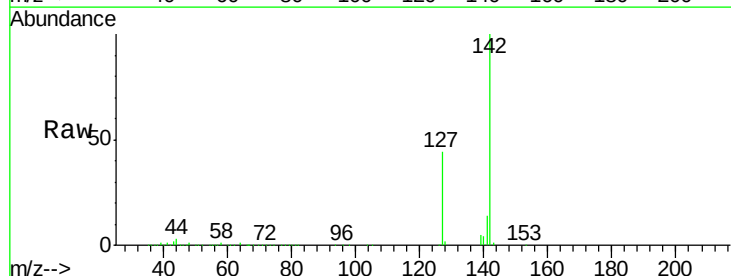
RT: 2.51 min Scan# 315

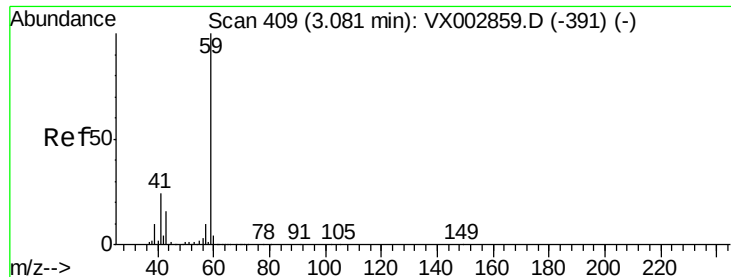
Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	142	Resp:	131825
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.6	55.0
141	14.5	11.3	16.9





#11

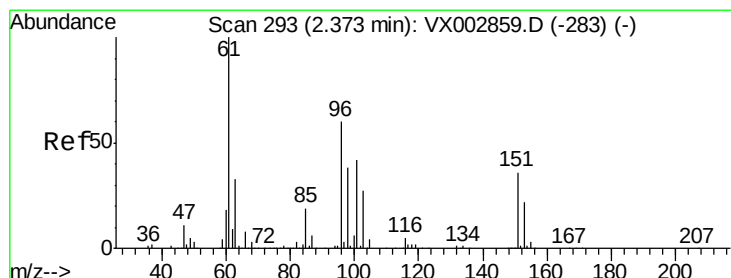
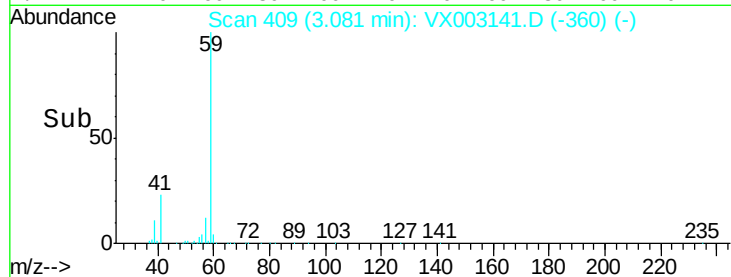
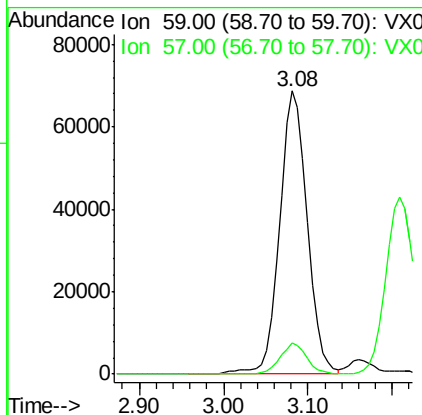
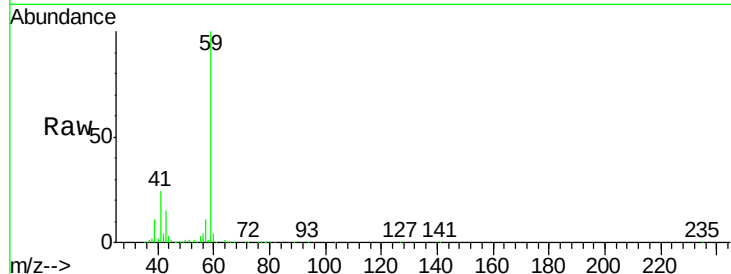
Tert butyl alcohol
 Concen: 191.814 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

Manual Integrations
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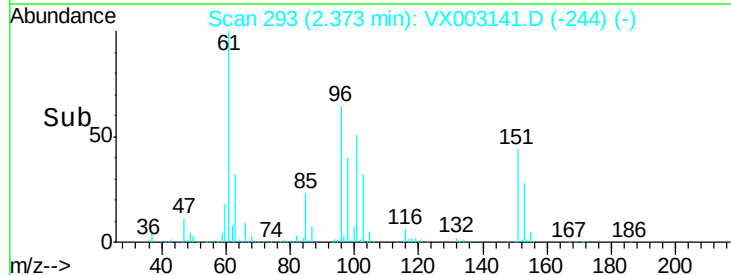
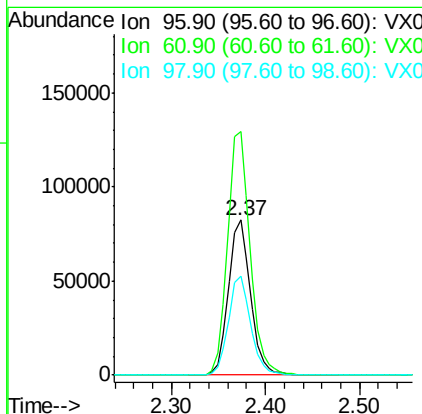
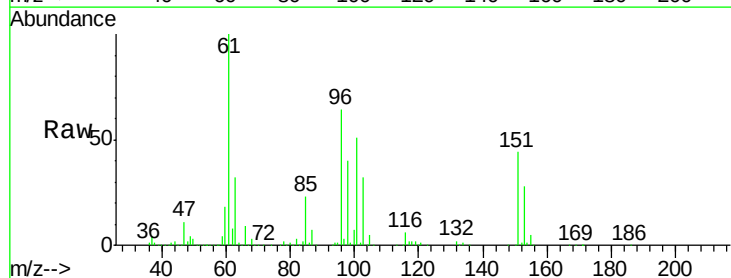
sam
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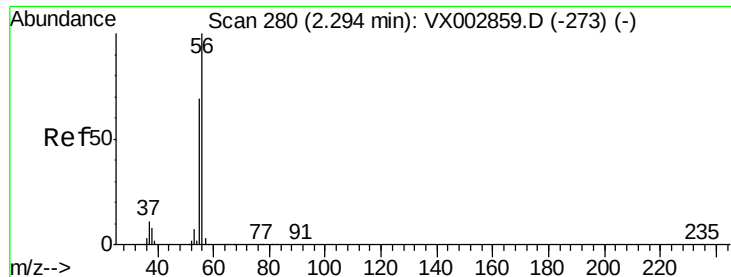


#12

1,1-Dichloroethene
 Concen: 45.971 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	137.9	206.9
98	63.5	51.6	77.4





#13

Acrolein

Concen: 128.573 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 57114

Ion Ratio Lower Upper

56 100

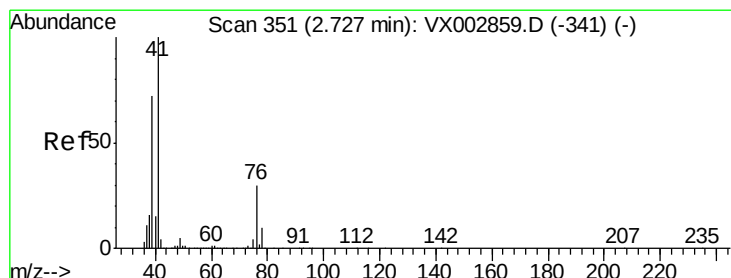
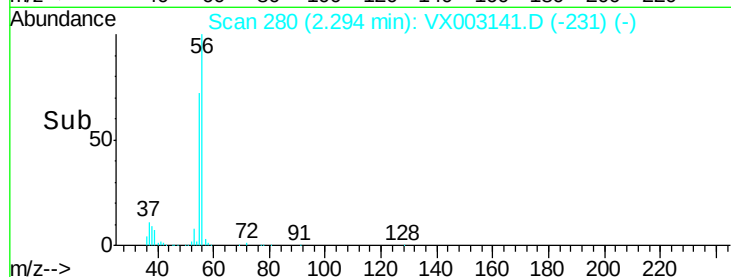
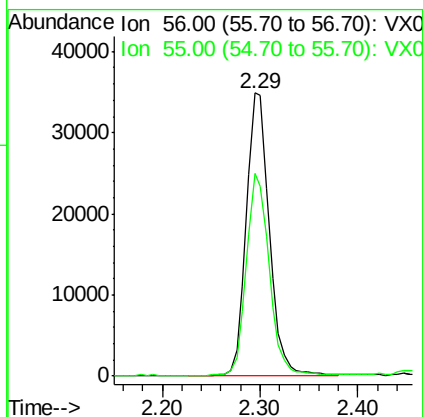
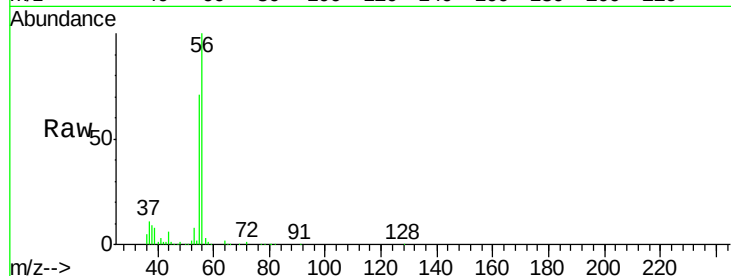
55 70.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 45.369 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

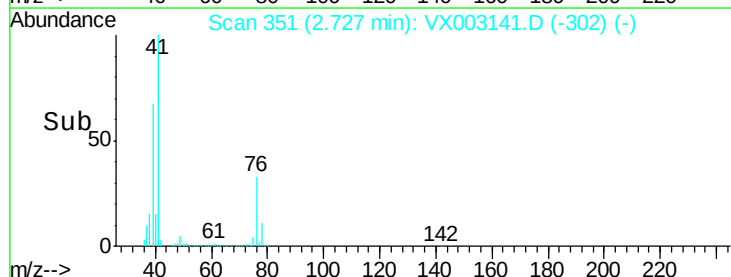
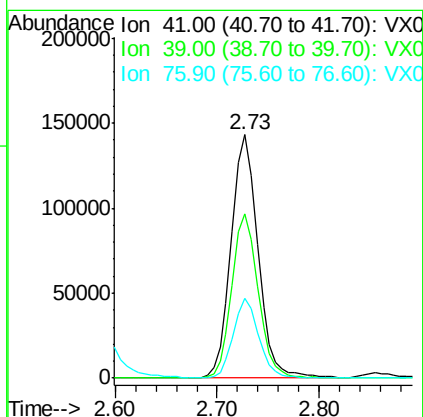
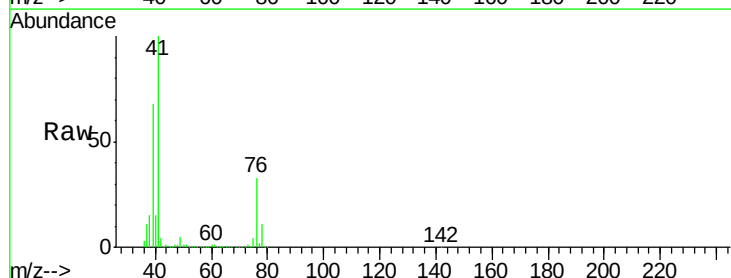
Tgt Ion: 41 Resp: 260902

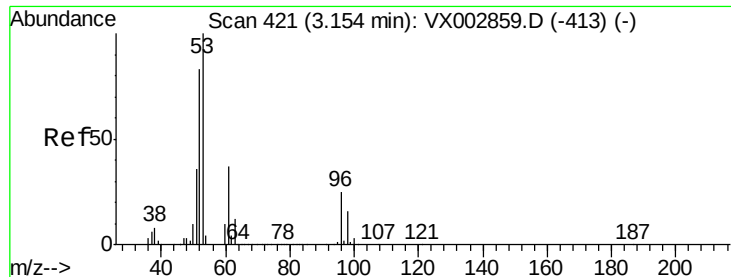
Ion Ratio Lower Upper

41 100

39 66.1 56.8 85.2

76 31.2 23.8 35.8





#15

Acrylonitrile

Concen: 219.231 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

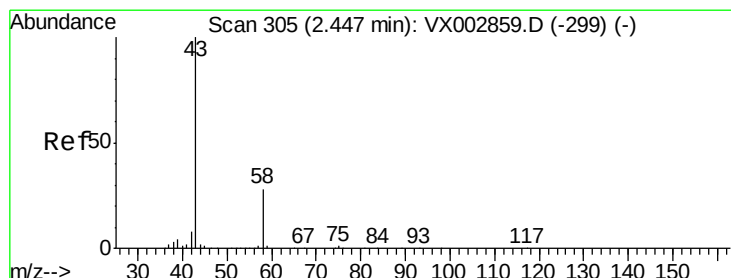
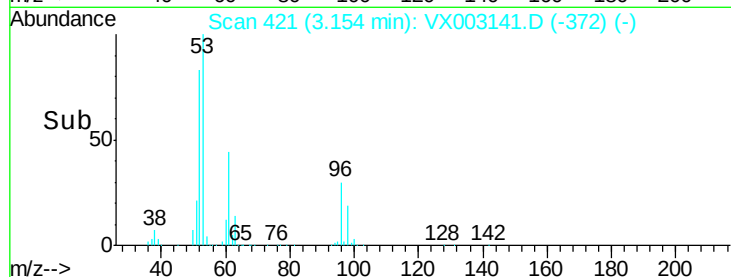
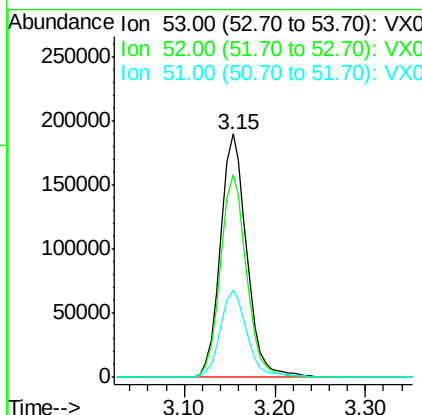
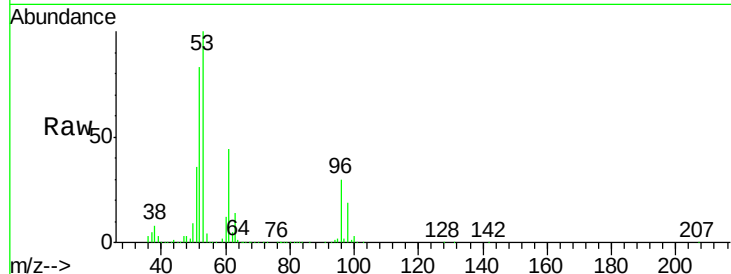
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	381402
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.7	100.1
51	36.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 200.943 ug/l

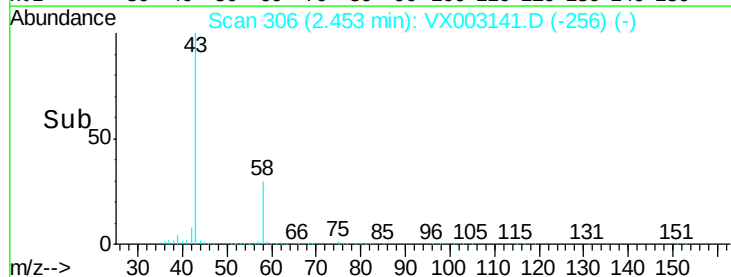
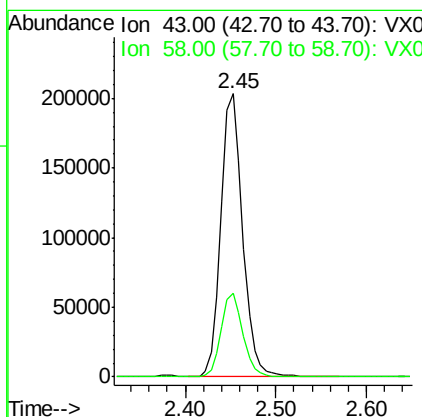
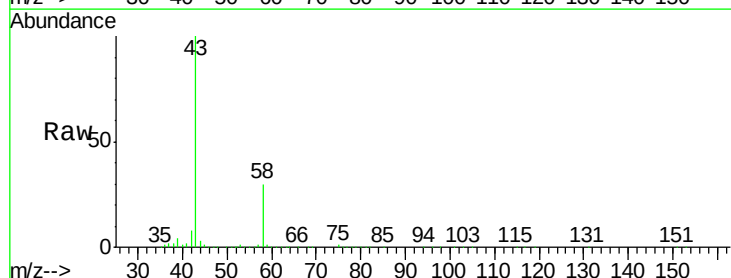
RT: 2.45 min Scan# 306

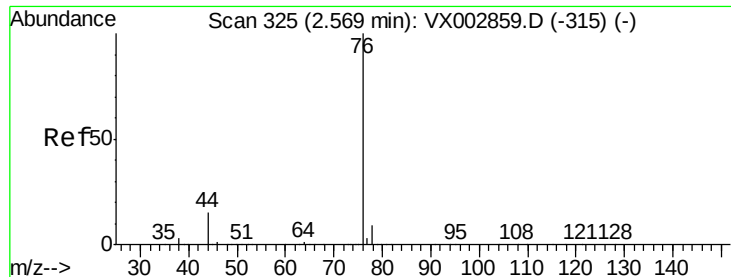
Delta R.T. 0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	43	Resp:	340244
Ion Ratio	Lower	Upper	
43	100		
58	29.6	22.1	33.1





#17

Carbon Disulfide

Concen: 47.918 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 372465

Ion Ratio Lower Upper

76 100

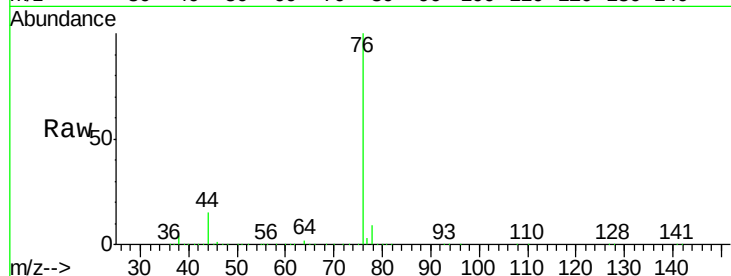
78 9.3 6.9 10.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

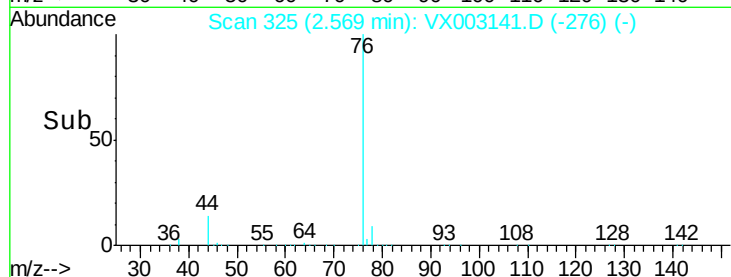
150000

100000

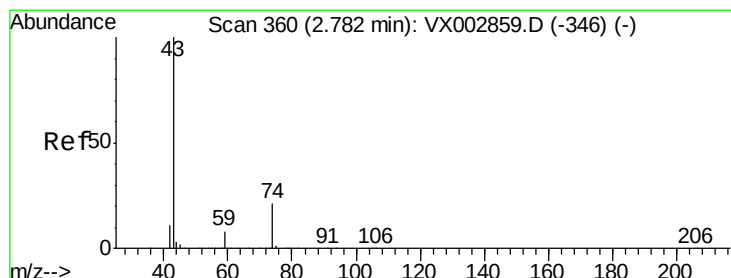
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 38.274 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003141.D

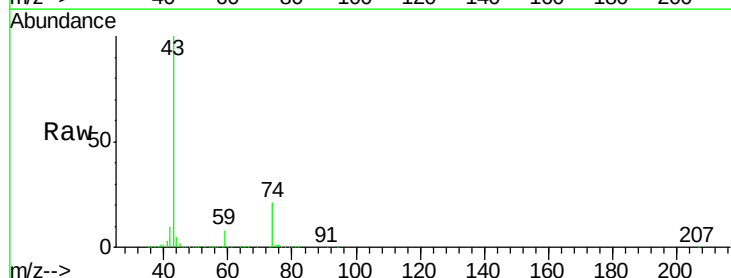
Acq: 03 Jul 2018 10:20

Tgt Ion: 43 Resp: 181195

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

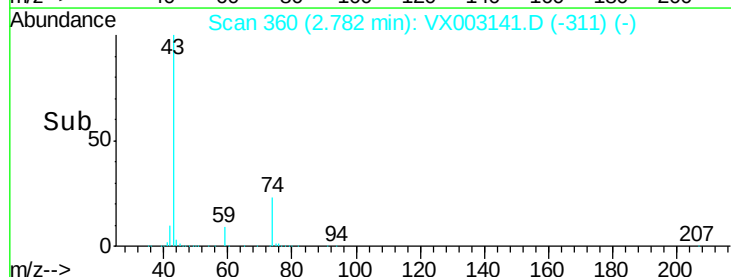
60000

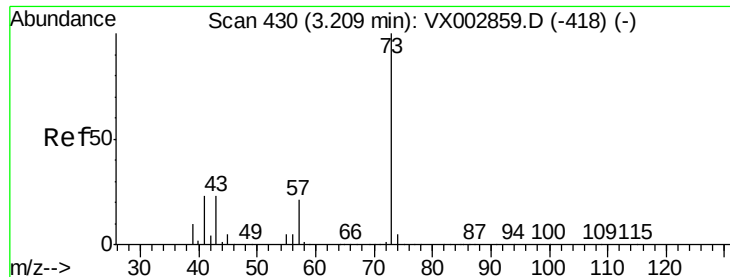
40000

20000

0

Time-->





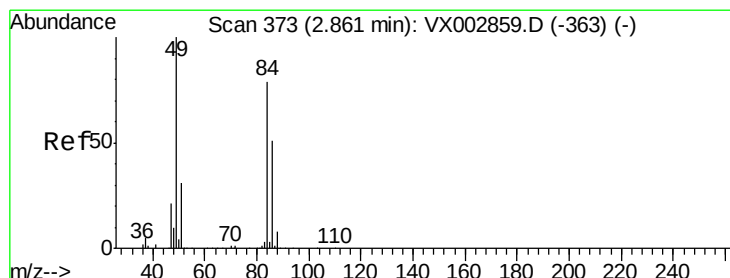
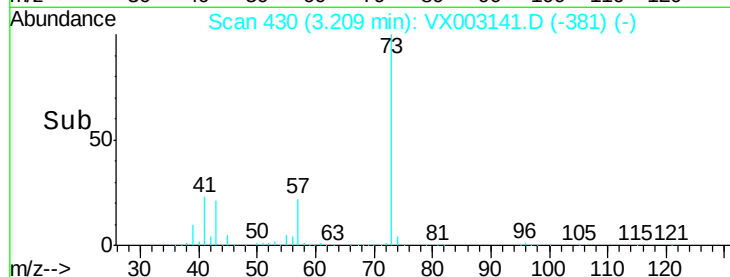
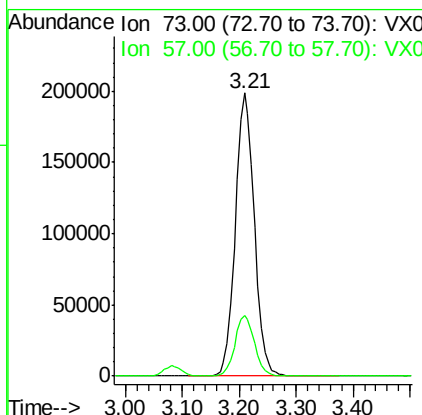
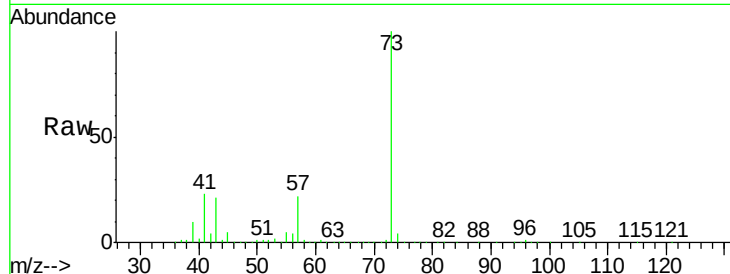
#19
Methyl tert-butyl Ether
Concen: 44.157 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

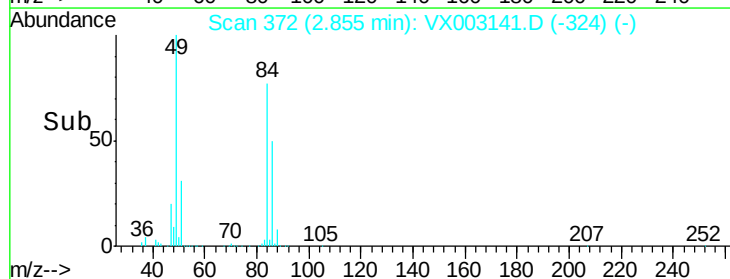
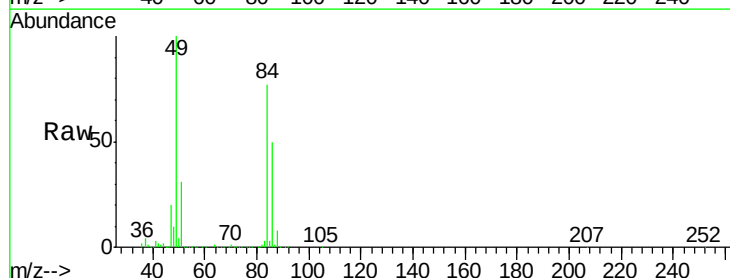
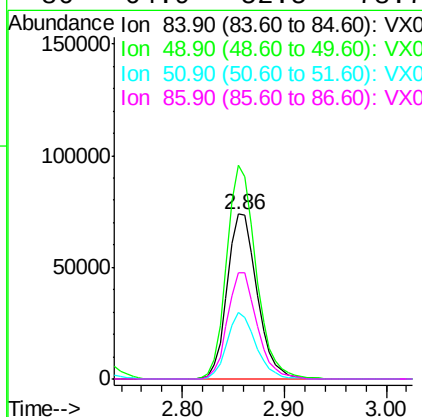
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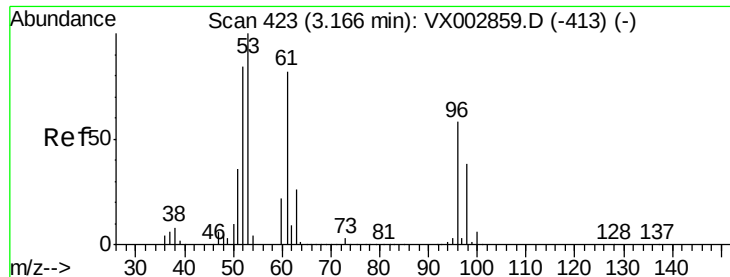
sam
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#20
Methylene Chloride
Concen: 45.633 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.7	107.8	161.6
51	40.1	32.8	49.2
86	64.9	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 45.590 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

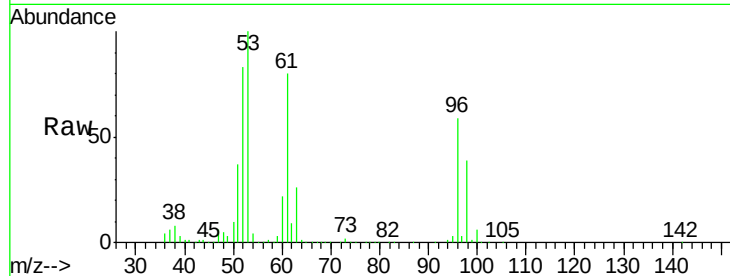
ClientSampled :

VSTDCCC050

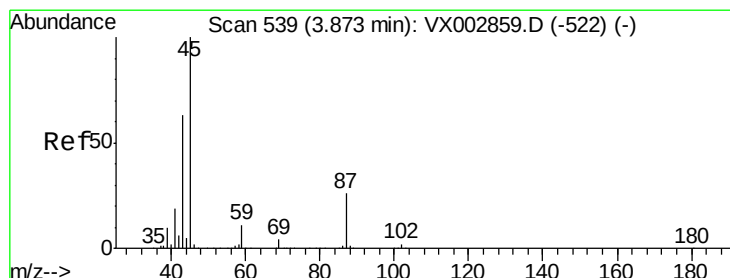
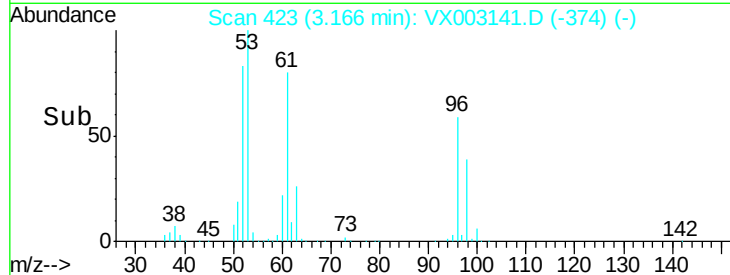
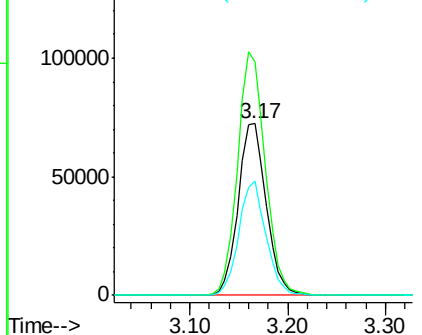
Tot Ion:	96	Resp:	144860
Ion	Ratio	Lower	Upper
96	100		
61	136.2	117.0	175.4
98	66.6	52.4	78.6

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



#22

Diisopropyl ether

Concen: 46.706 ug/l

RT: 3.88 min Scan# 540

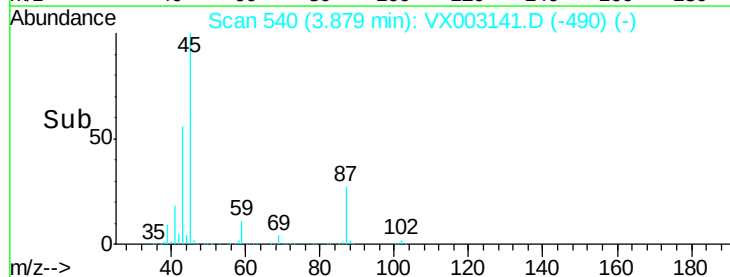
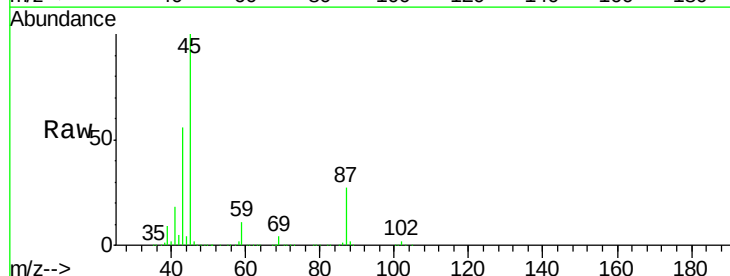
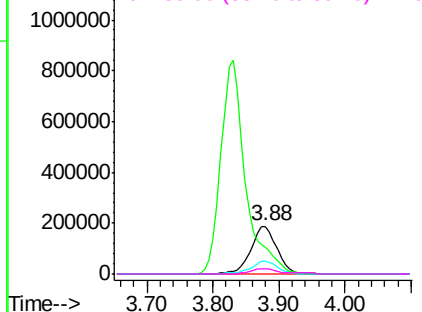
Delta R.T. 0.01 min

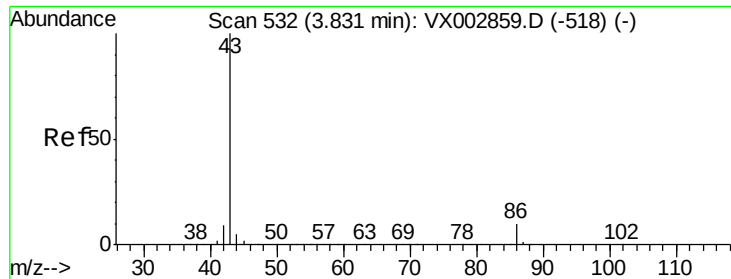
Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	45	Resp:	513419
Ion	Ratio	Lower	Upper
45	100		
43	56.1	46.8	70.2
87	27.4	20.2	30.4
59	11.4	8.7	13.1

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 234.536 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2183095

Ion Ratio Lower Upper

43 100

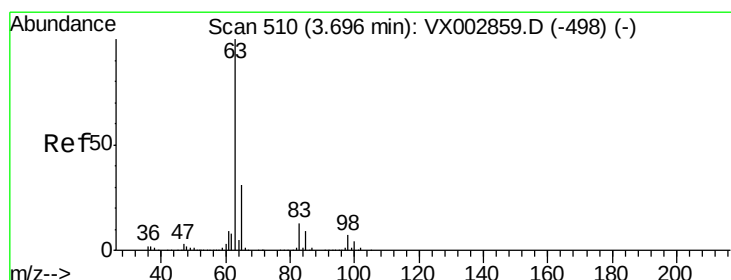
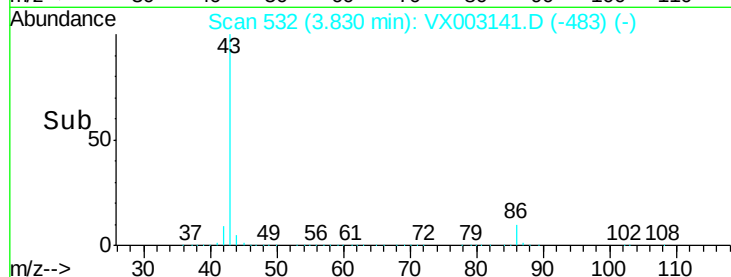
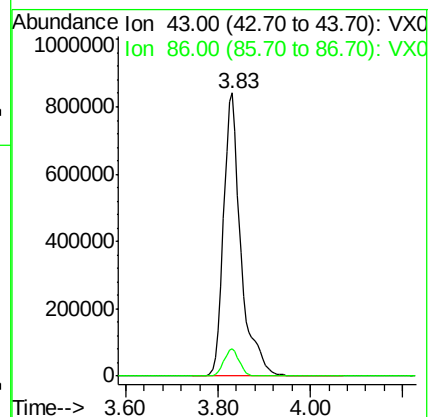
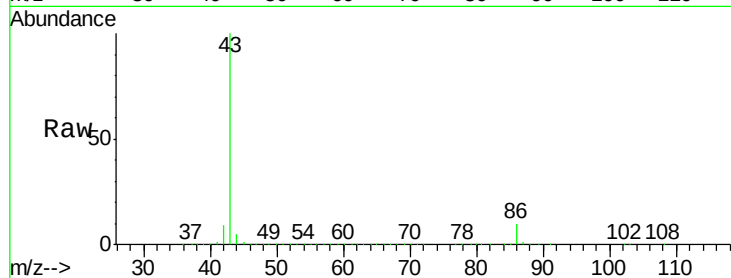
86 9.8 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 45.131 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

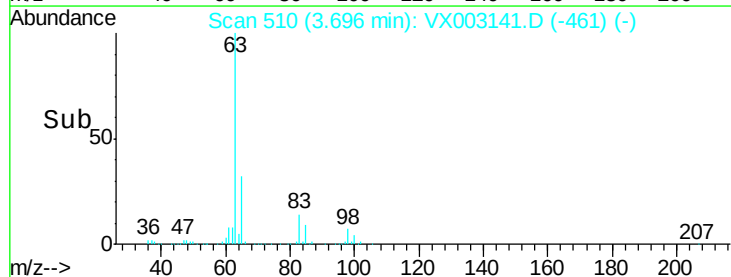
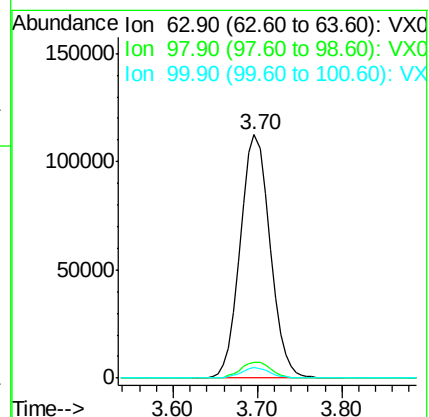
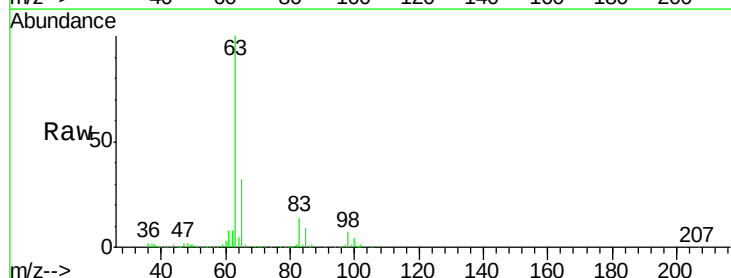
Tgt Ion: 63 Resp: 269642

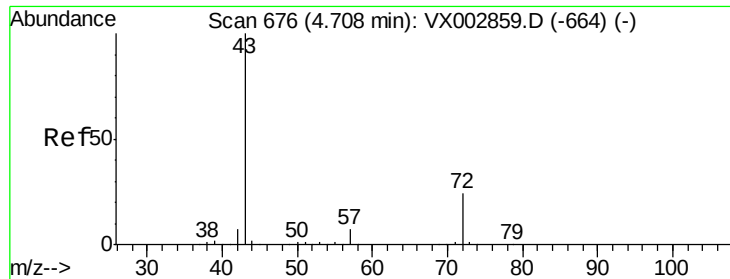
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 226.645 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 569542

Ion Ratio Lower Upper

43 100

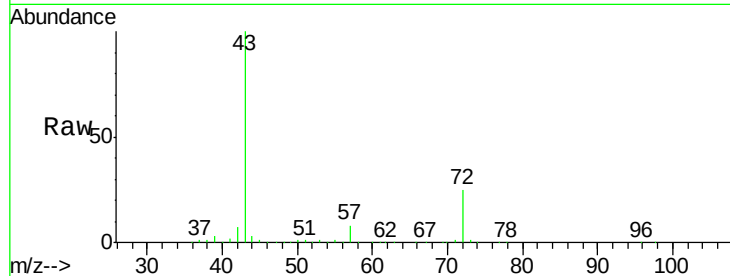
72 24.8 18.5 27.7

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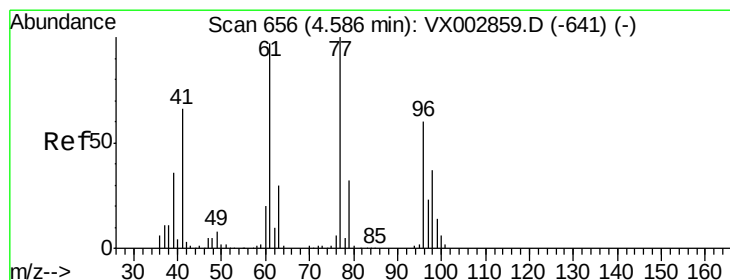
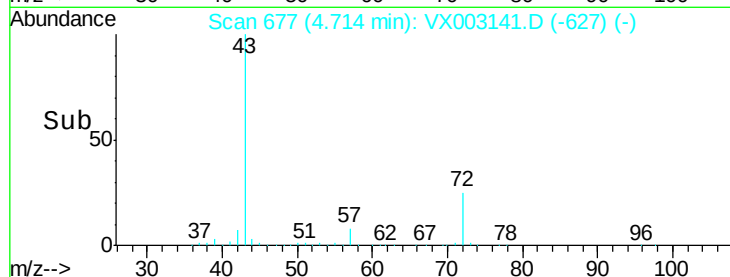
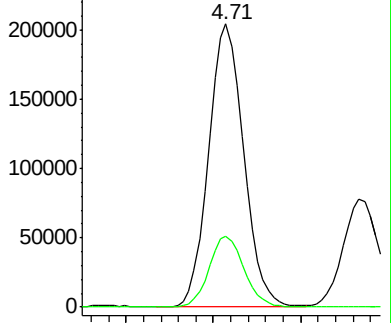
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.387 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003141.D

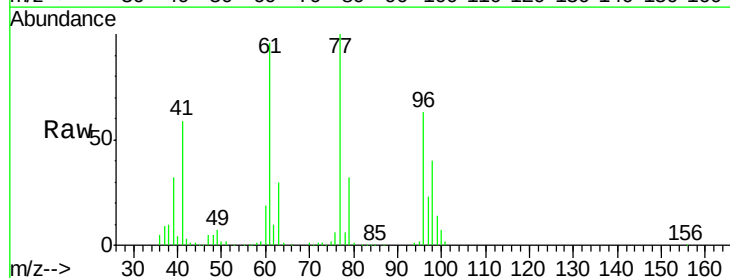
Acq: 03 Jul 2018 10:20

Tgt Ion: 77 Resp: 239938

Ion Ratio Lower Upper

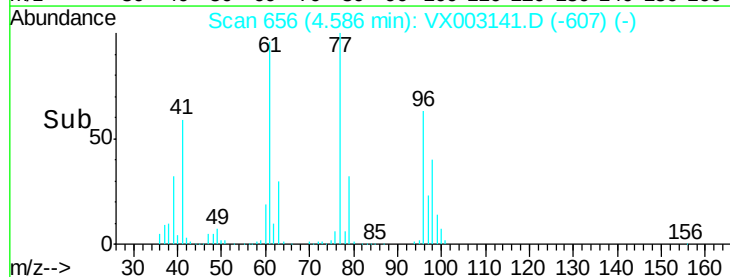
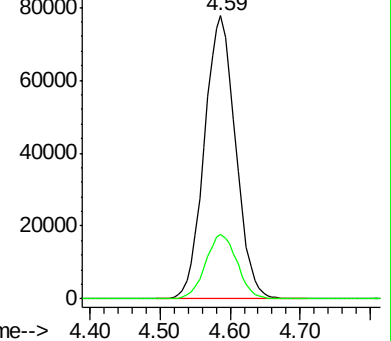
77 100

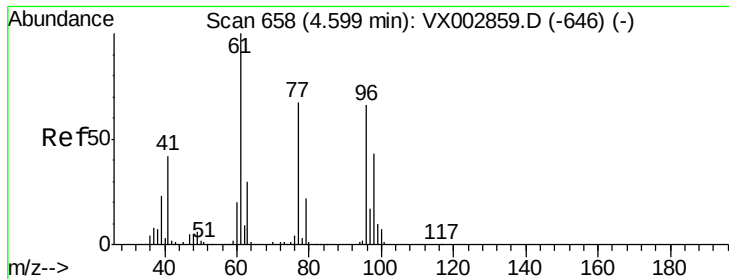
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

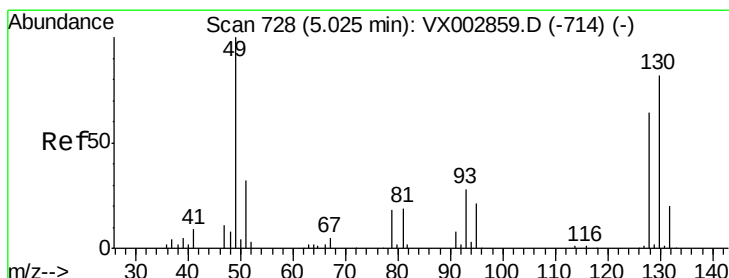
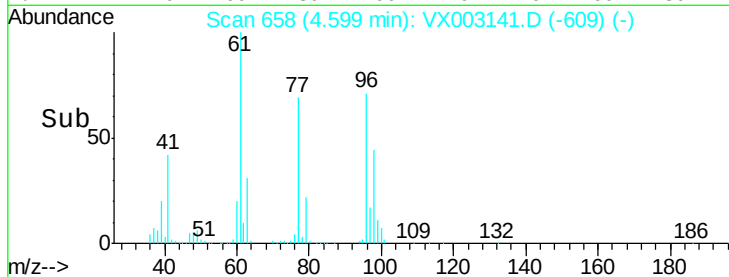
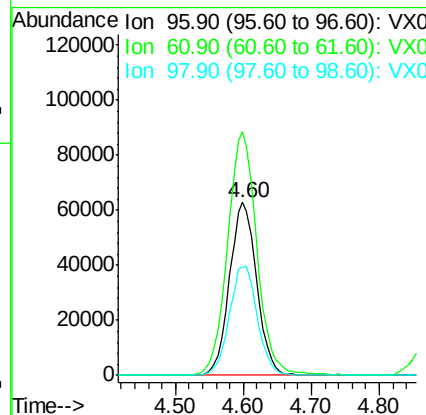
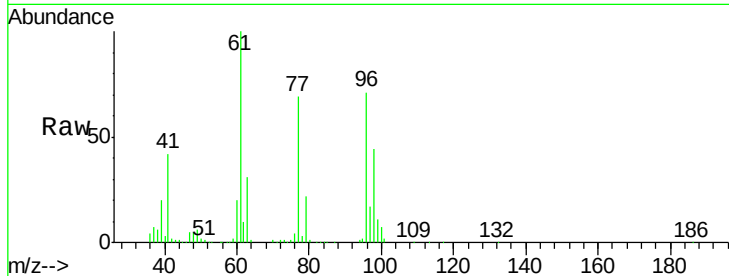
cis-1,2-Dichloroethene
 Concen: 48.688 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	330.2
98	64.9	0.0	130.2

Manual Integrations
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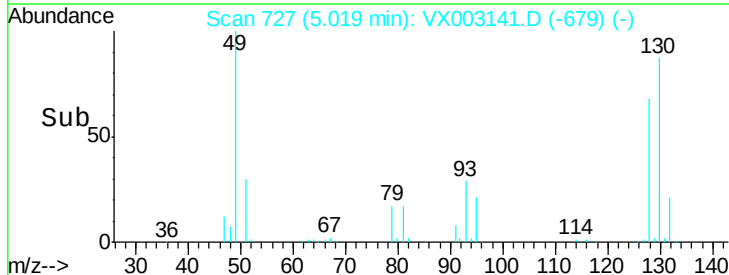
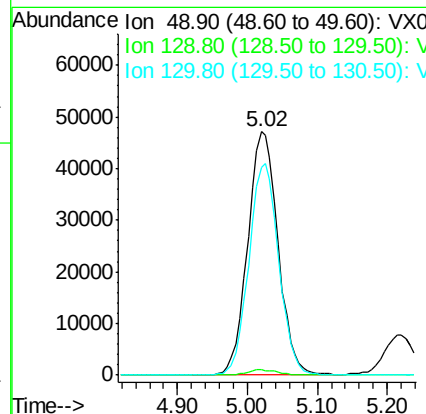
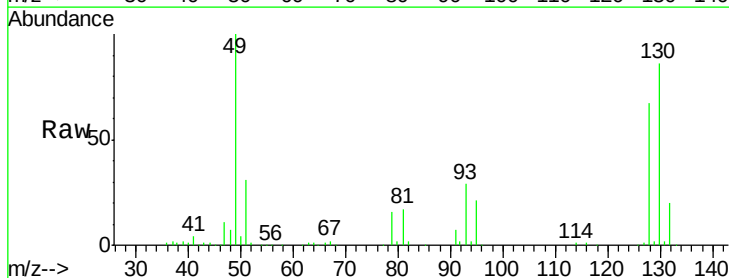
sam
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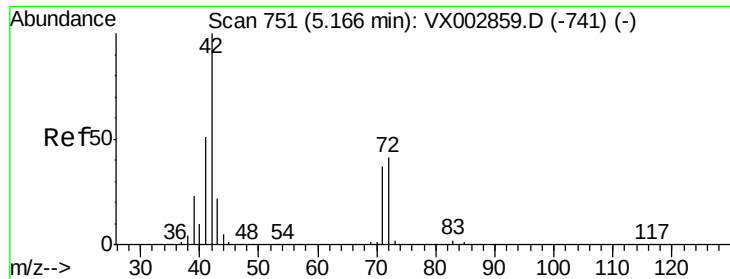


#28

Bromochloromethane
 Concen: 49.572 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	85.8	61.2	91.8





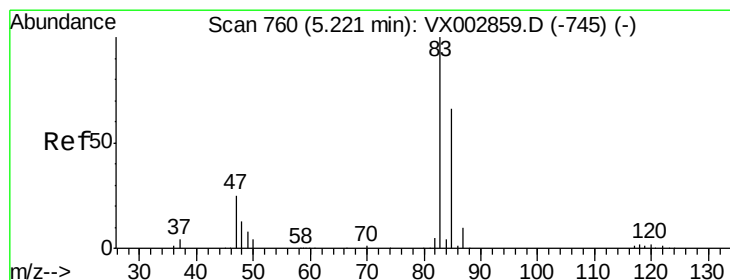
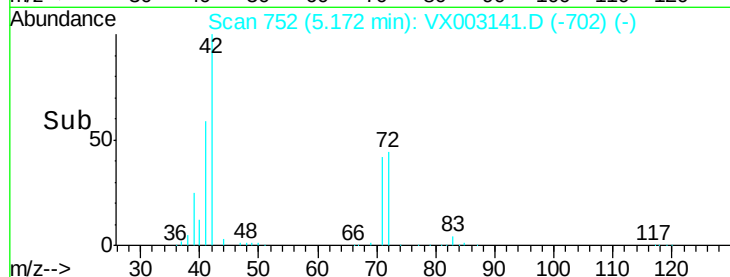
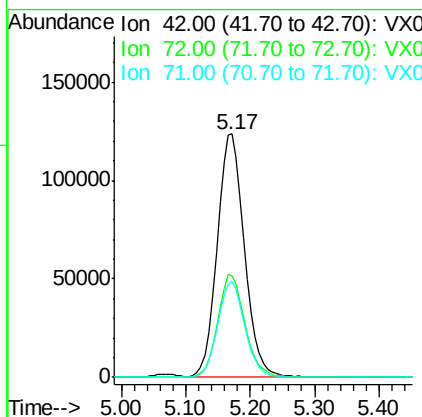
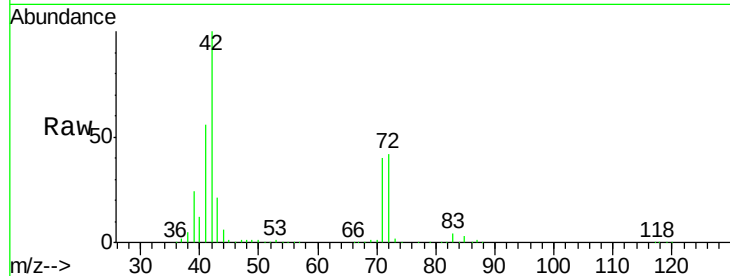
#29
Tetrahydrofuran
Concen: 227.360 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	39.5	30.1	45.1

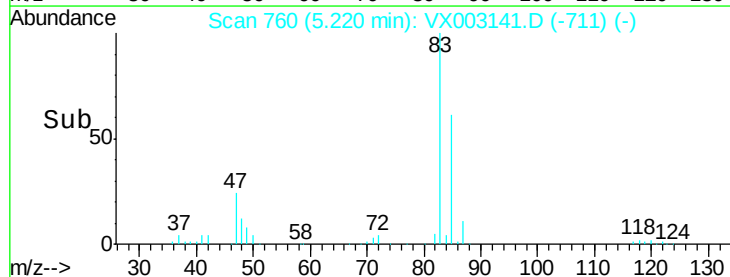
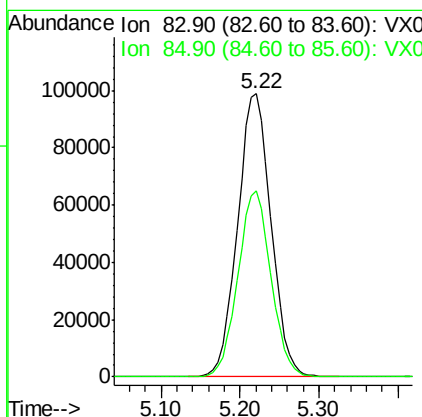
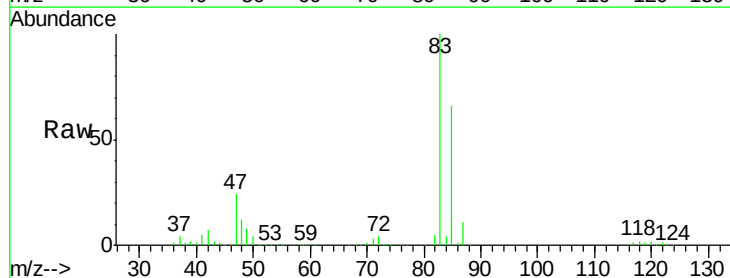
Manual Integrations
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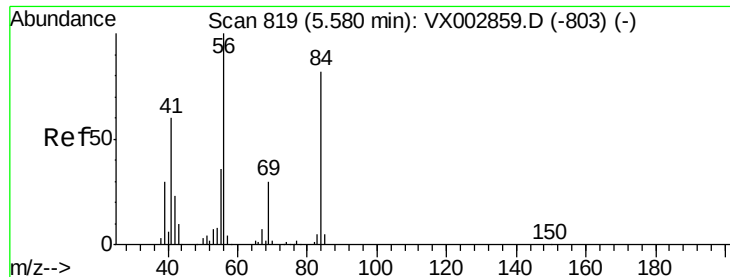
sam
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#30
Chloroform
Concen: 47.551 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.4	75.6





#31

Cyclohexane

Concen: 49.338 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

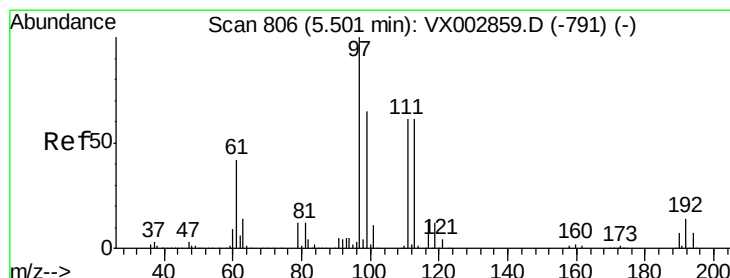
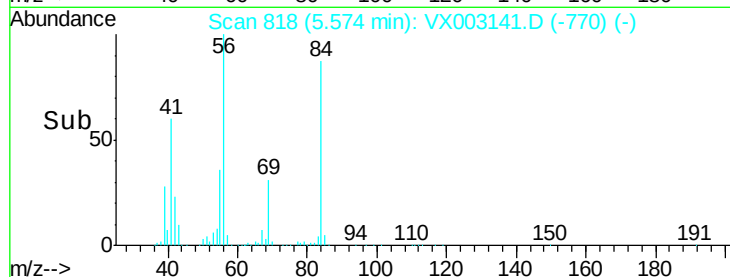
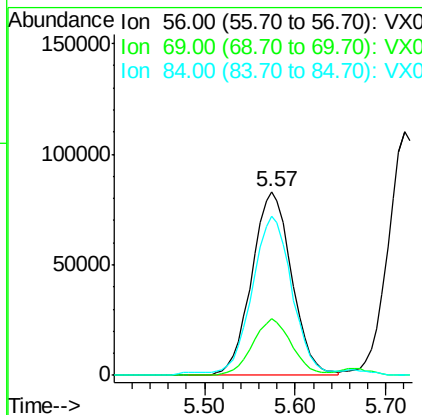
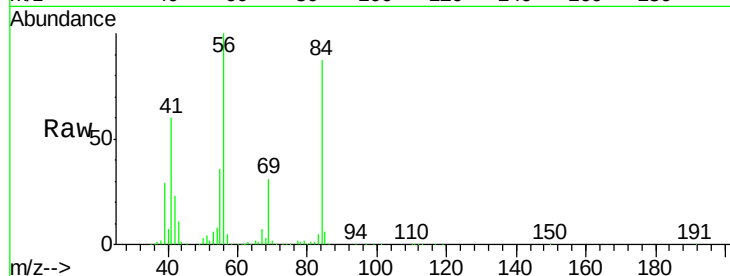
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	252983
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.7	35.5
84	85.3	64.1	96.1

Manual Integrations
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sam
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#32

1,1,1-Trichloroethane

Concen: 48.496 ug/l

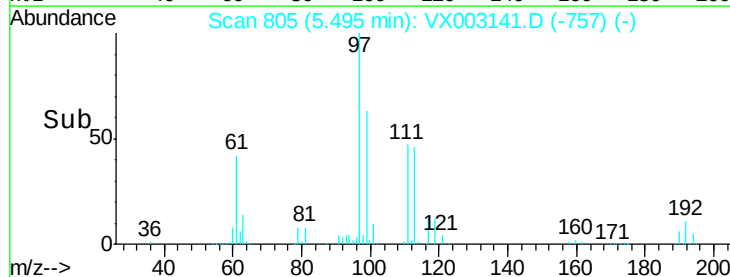
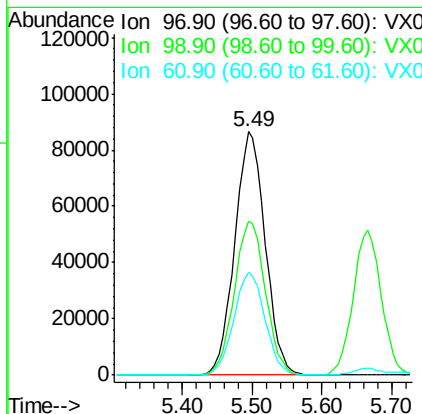
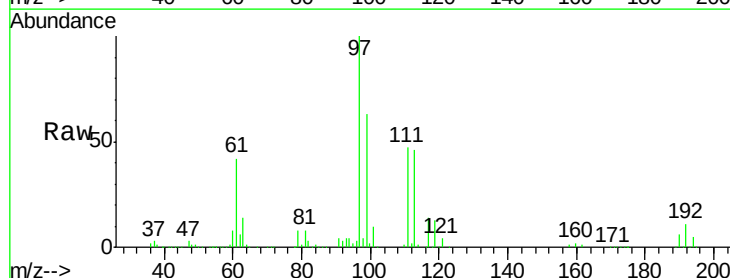
RT: 5.49 min Scan# 805

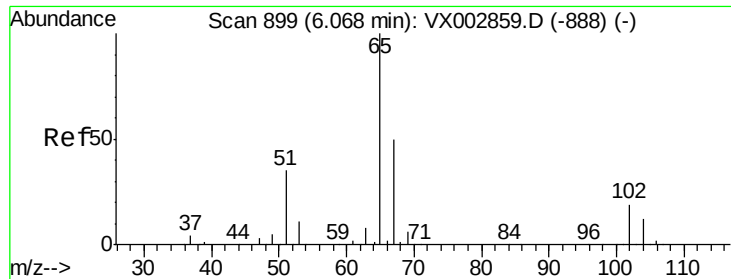
Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	97	Resp:	261626
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	43.2	36.4	54.6





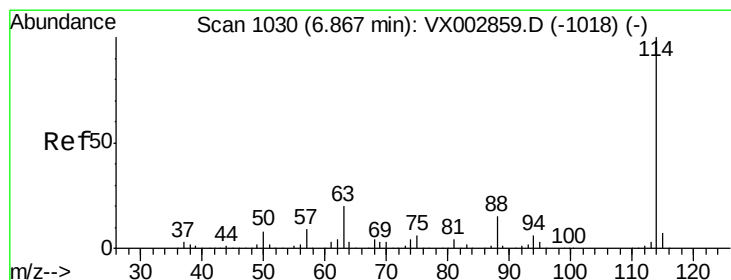
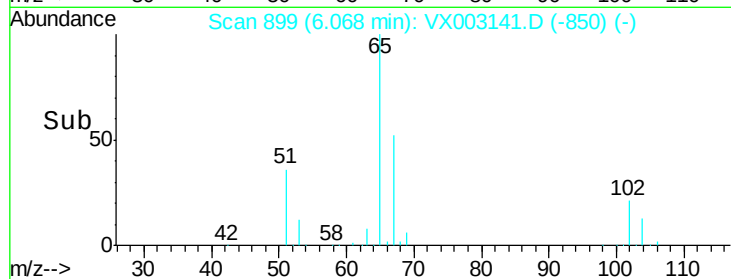
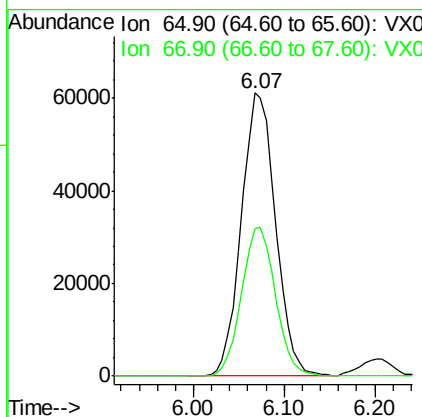
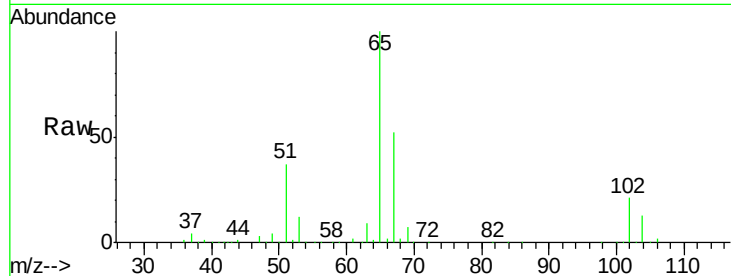
#33
 1,2-Dichloroethane-d4
 Concen: 39.110 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159909		
67	52.3	0.0	102.6	

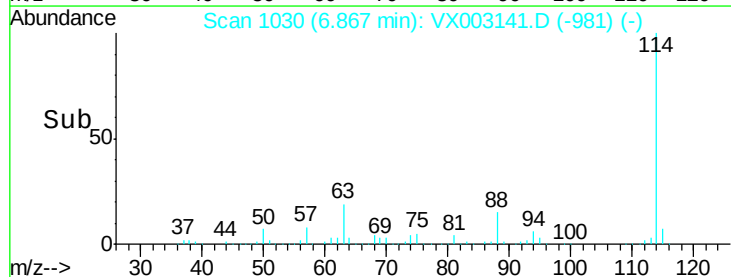
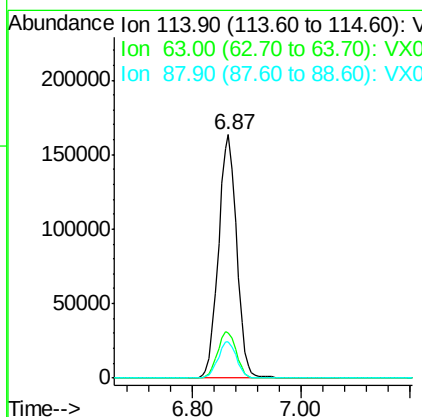
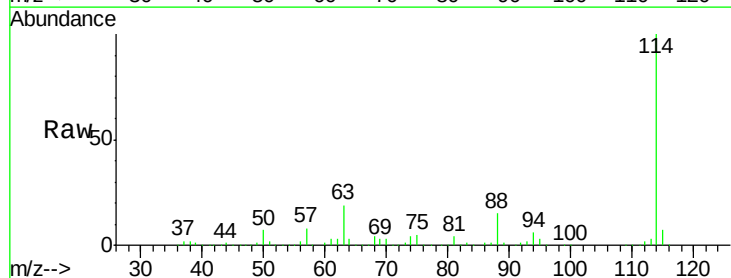
Manual Integrations
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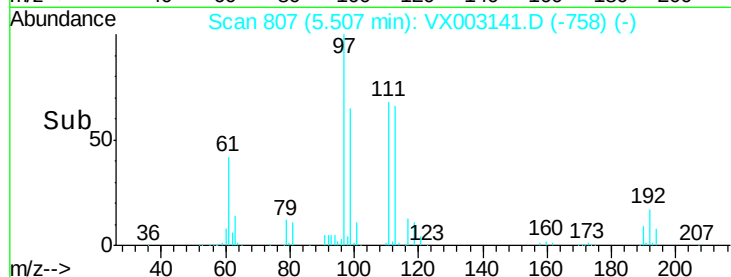
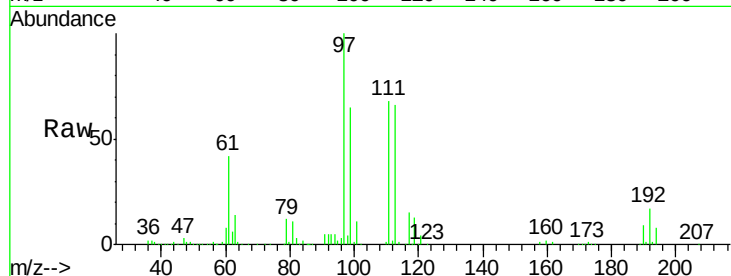
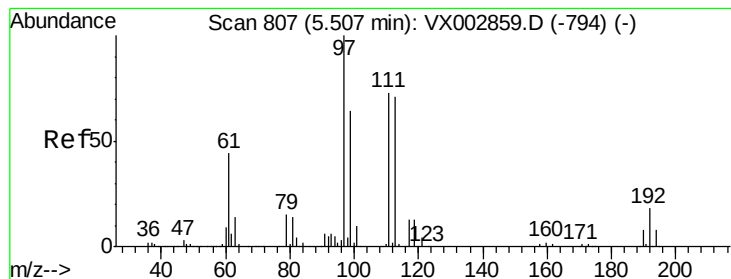
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	379869		
63	18.7	0.0	41.4	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 46.149 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003141.D

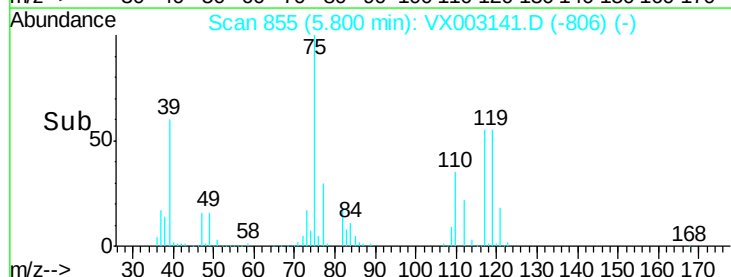
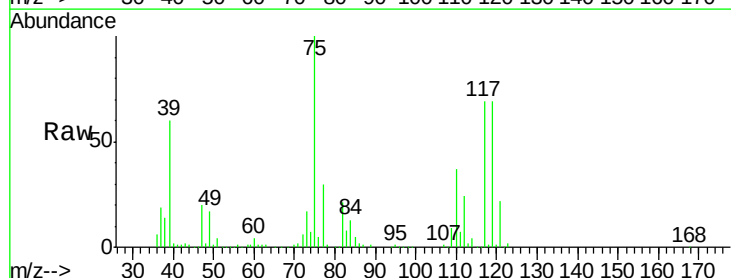
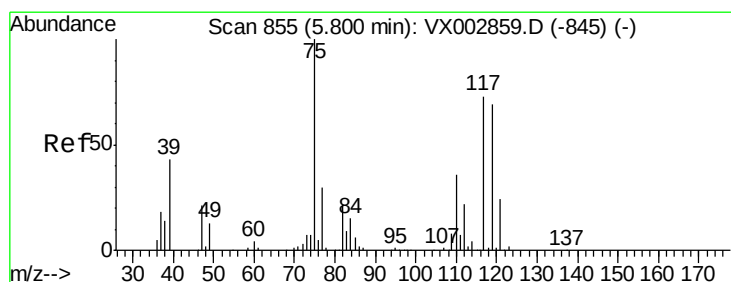
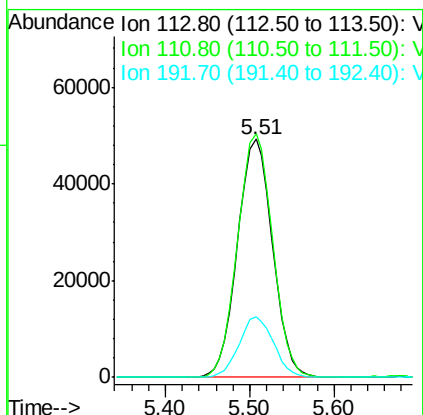
Acq: 03 Jul 2018 10:20

Tot Ion:	113	Resp:	138825
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	25.1	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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sam
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#36

1,1-Dichloropropene

Concen: 52.180 ug/l

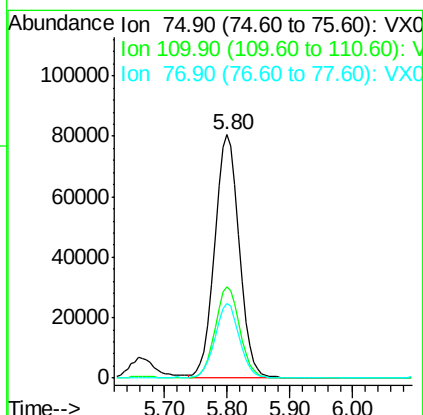
RT: 5.80 min Scan# 855

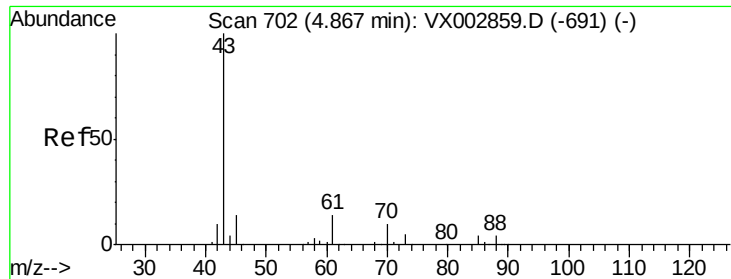
Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	75	Resp:	217368
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.1	54.4
77	30.2	24.3	36.5





#37

Ethyl Acetate

Concen: 50.055 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

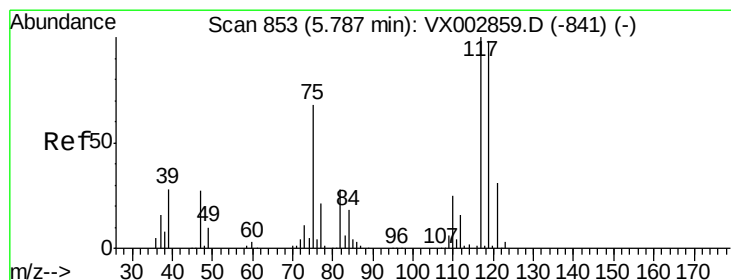
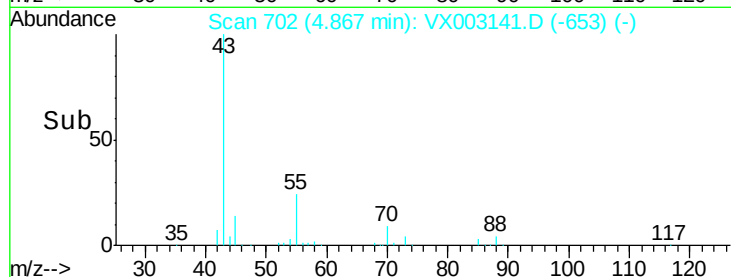
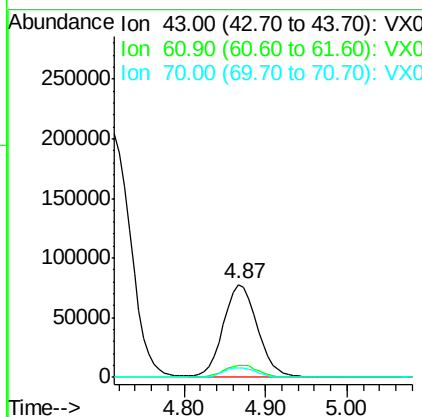
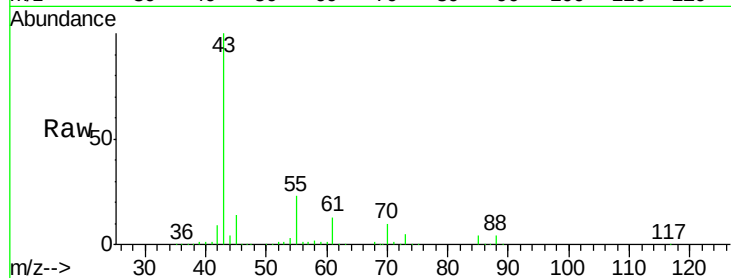
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	224514
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.3	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 52.189 ug/l

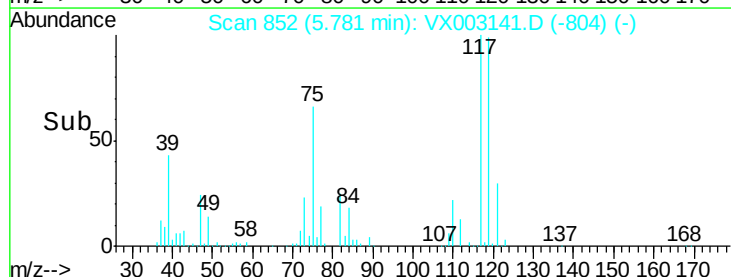
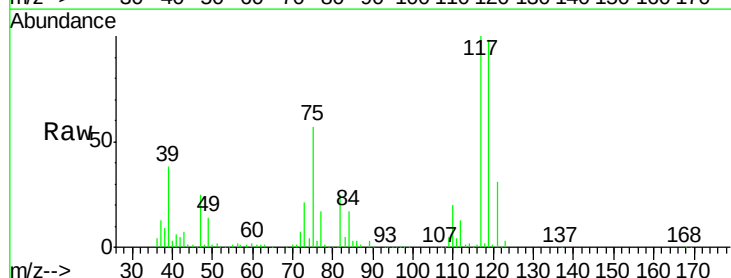
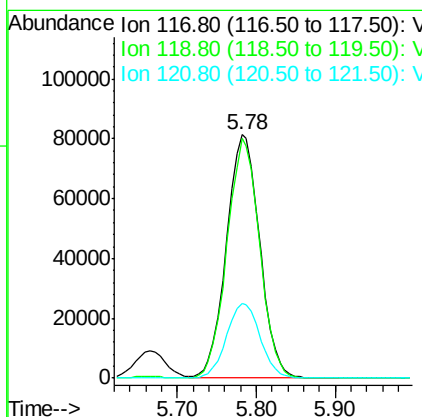
RT: 5.78 min Scan# 852

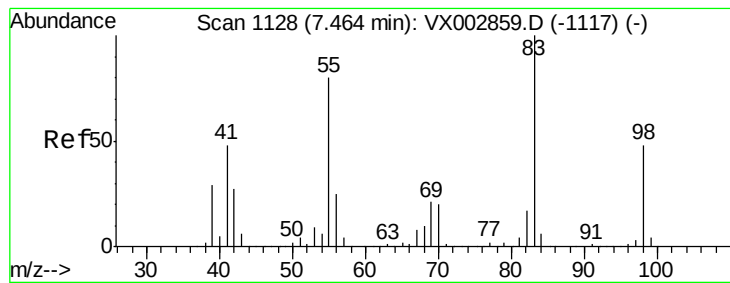
Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	117	Resp:	238579
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0
121	30.7	24.4	36.6





#39

Methylvlcyclohexane

Concen: 52.388 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

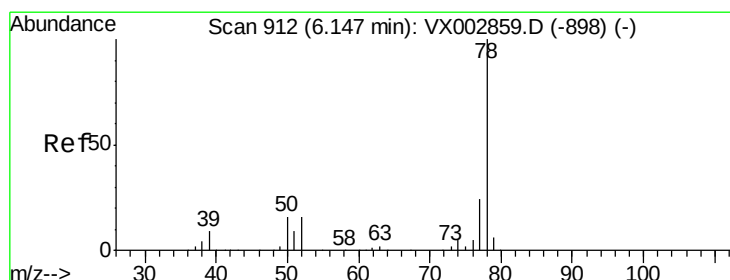
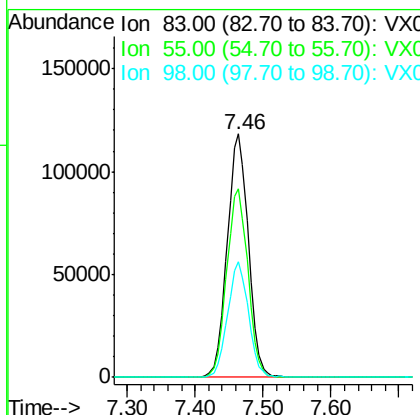
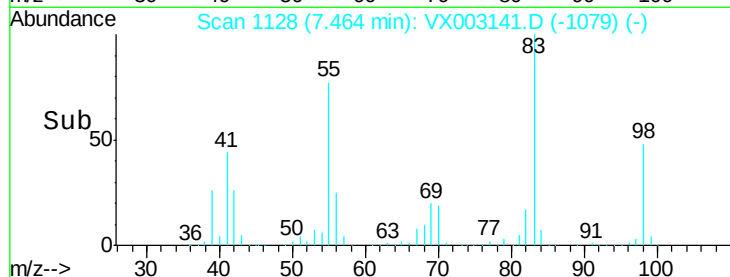
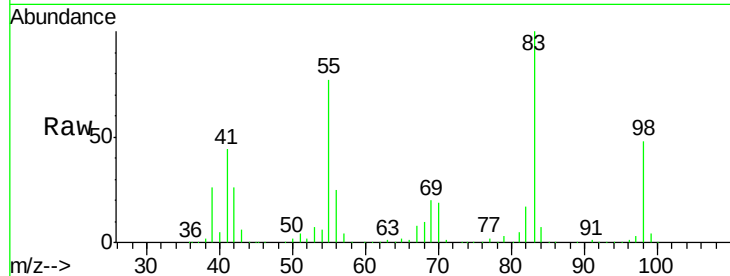
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	254200
Ion	Ratio	Lower	Upper
83	100		
55	77.3	65.4	98.0
98	47.6	37.4	56.0

Manual Integrations
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#40

Benzene

Concen: 51.107 ug/l

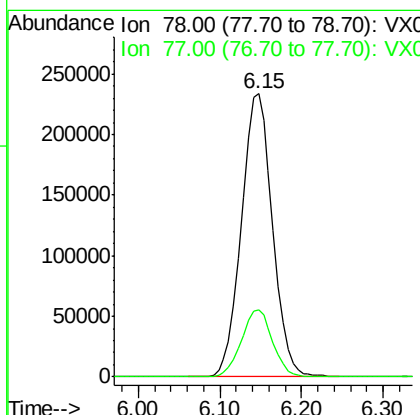
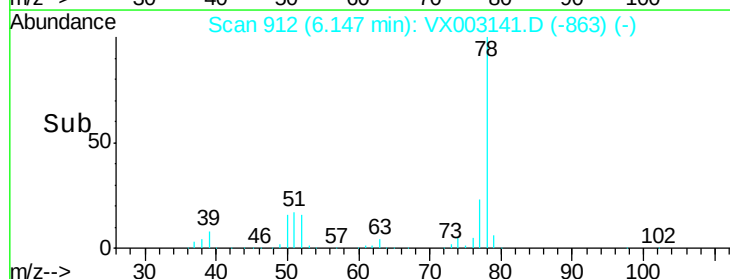
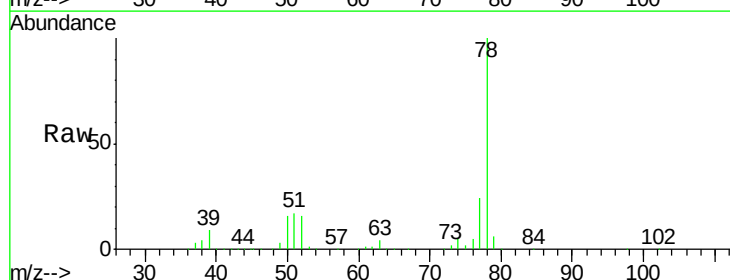
RT: 6.15 min Scan# 912

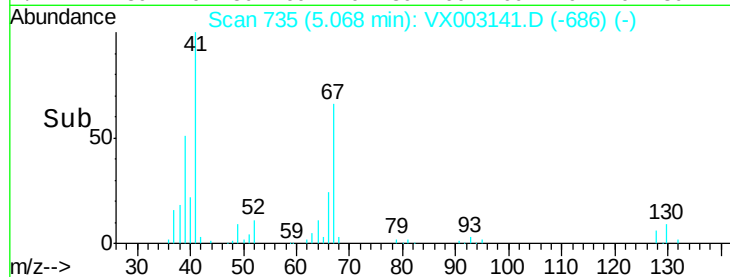
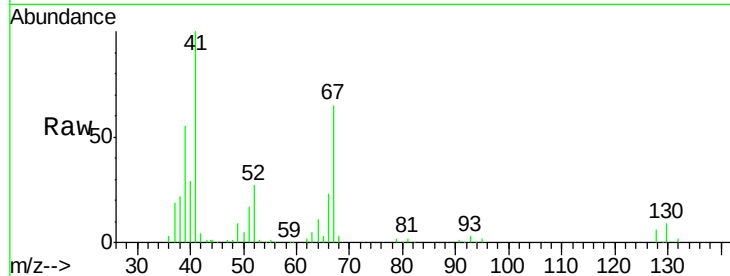
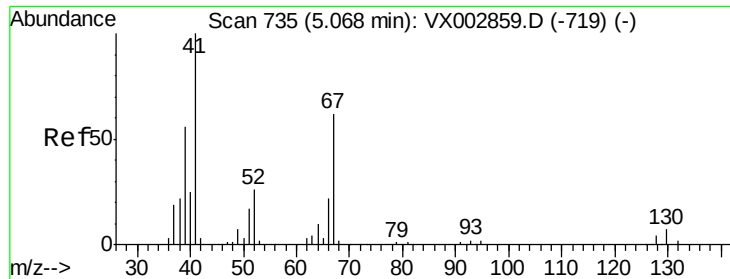
Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	78	Resp:	618586
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41

Methacrylonitrile

Concen: 49.198 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tot Ion:	41	Resp:	127069
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	67.2	51.3	76.9
52	29.2	23.0	34.6

Instrument :

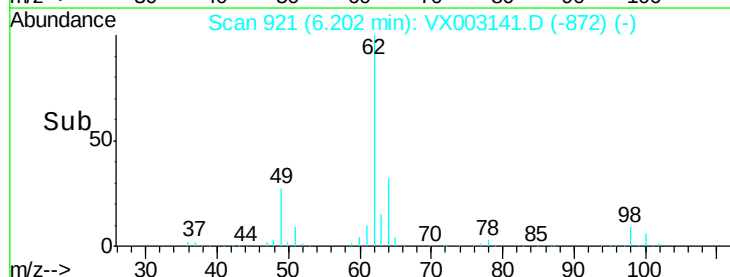
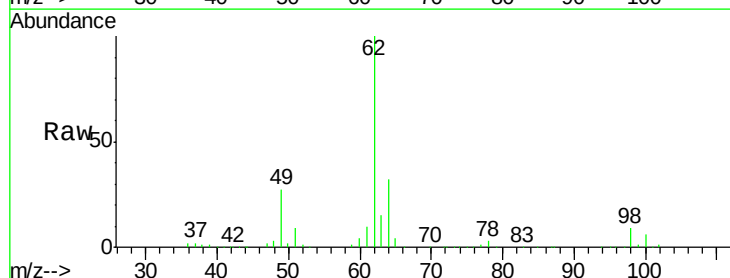
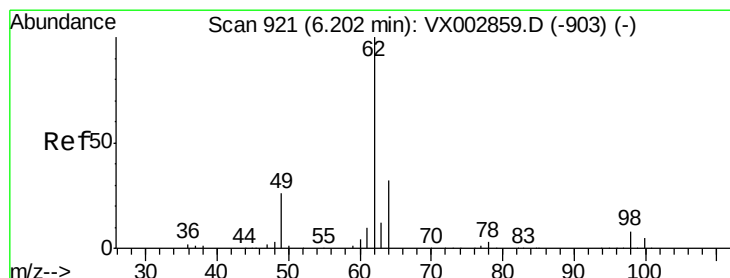
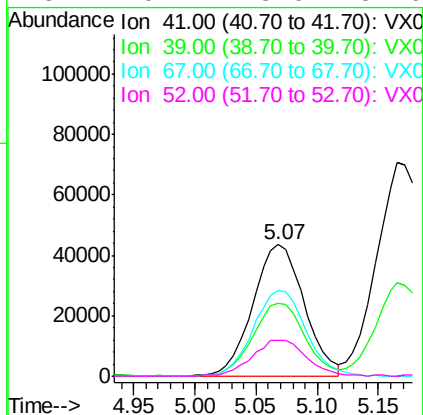
MSVOA_X

ClientSampled :

VSTDCCC050

Manual Integrations
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sam
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#42

1,2-Dichloroethane

Concen: 47.733 ug/l

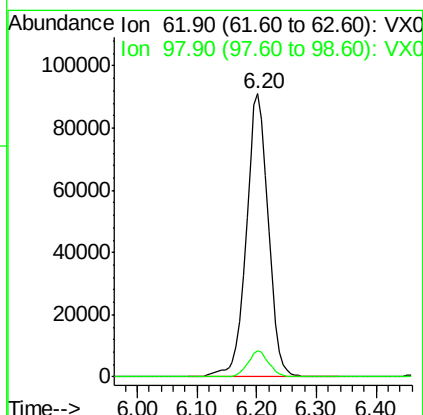
RT: 6.20 min Scan# 921

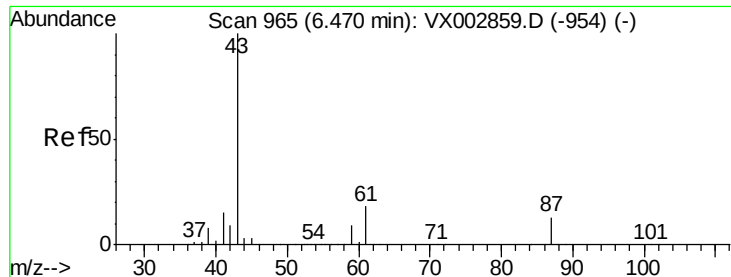
Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	62	Resp:	233384
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

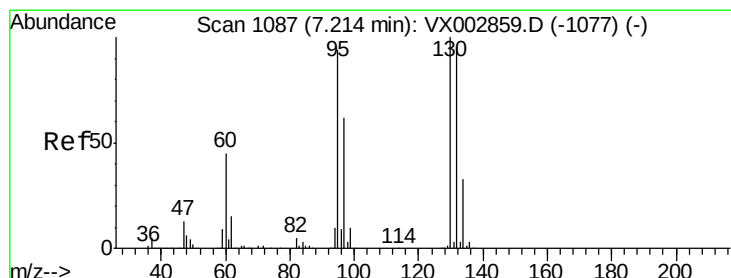
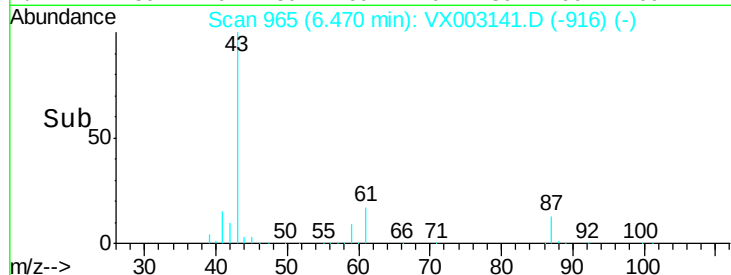
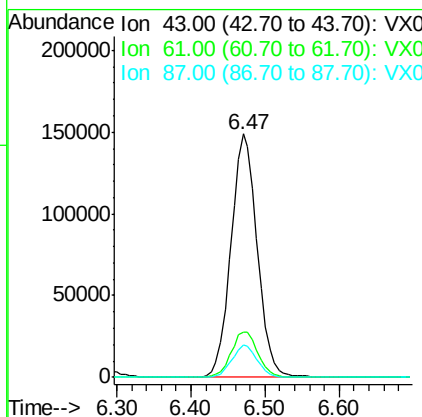
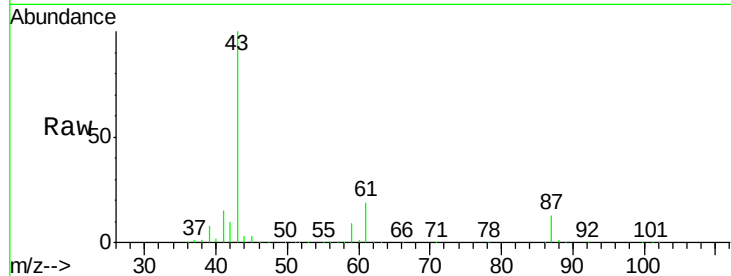
Isopropyl Acetate
 Concen: 48.544 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	365166
Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	12.9	9.5	14.3

Manual Integrations
 APPROVED

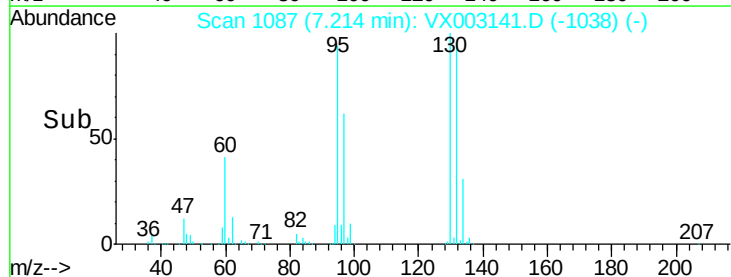
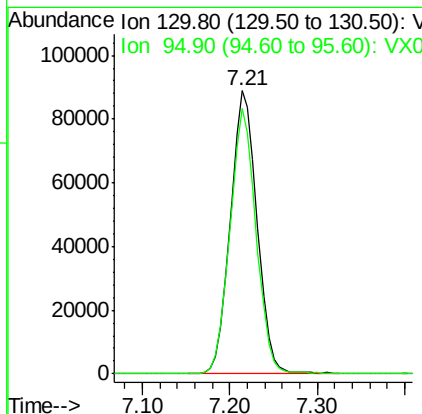
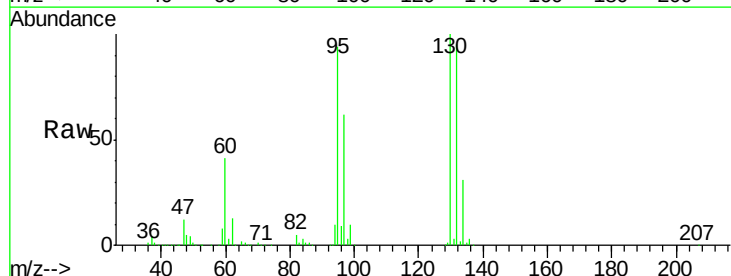
sam
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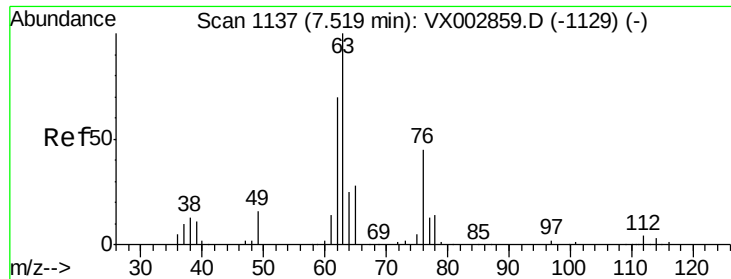


#44

Trichloroethene
 Concen: 52.321 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion:	130	Resp:	188809
Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	185.4





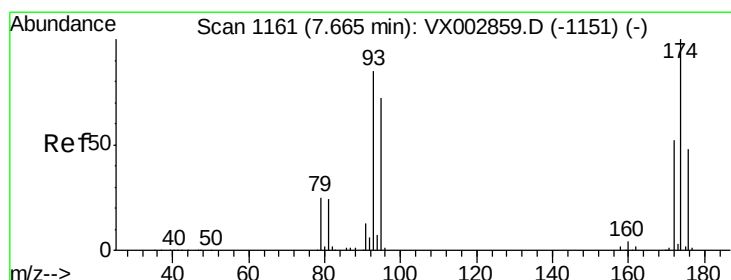
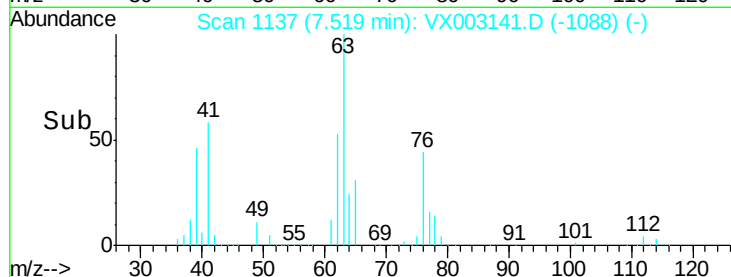
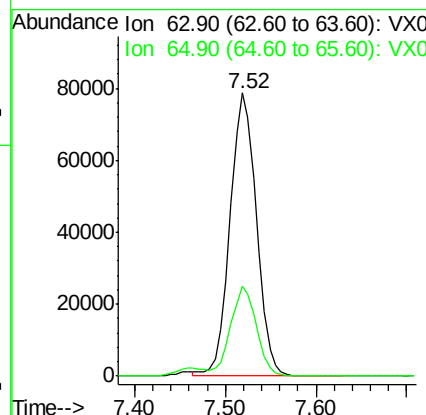
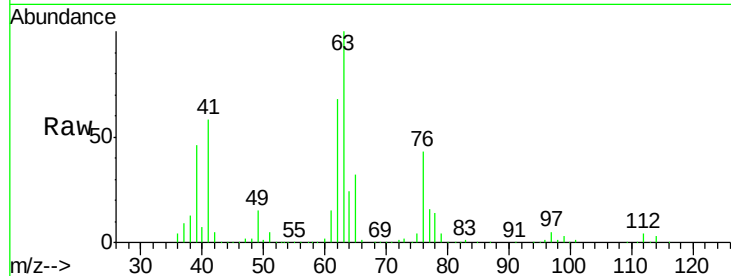
#45
 1,2-Dichloropropane
 Concen: 49.506 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 158950
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

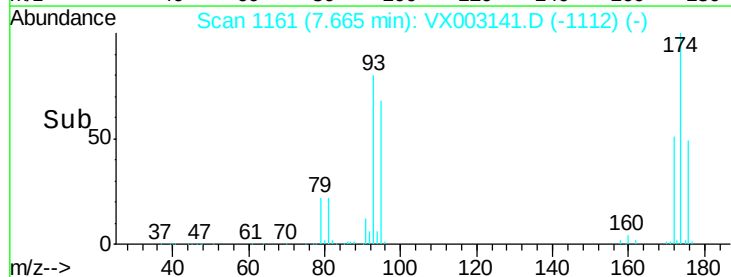
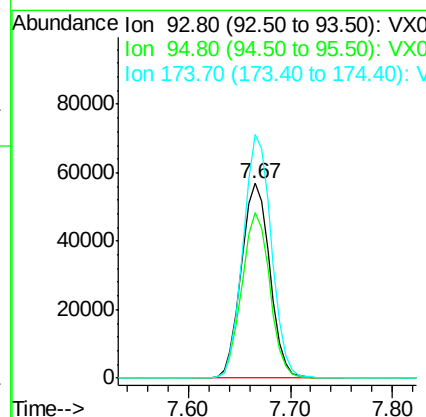
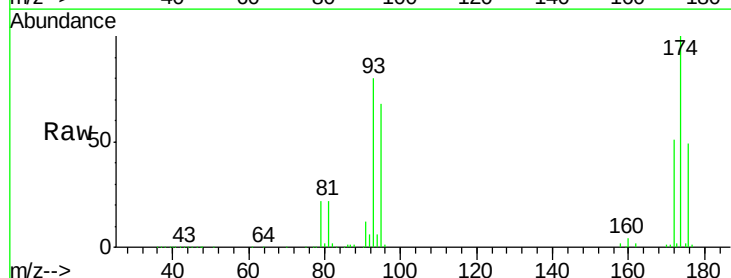
Manual Integrations
 APPROVED

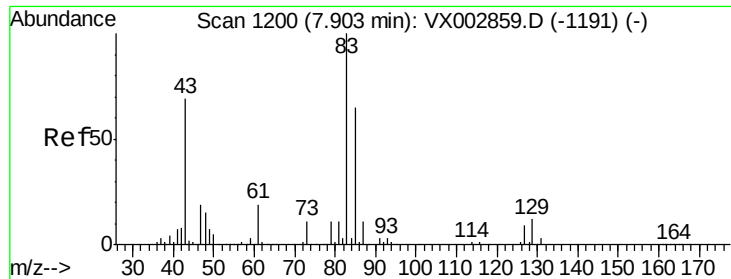
sam
 7/5/2018 2:28:48 PM



#46
 Dibromomethane
 Concen: 49.614 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 93 Resp: 110551
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.9 98.9
 174 123.8 92.4 138.6





#47

Bromodichloromethane

Concen: 51.912 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

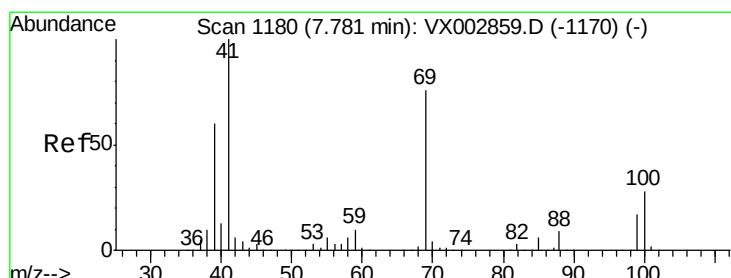
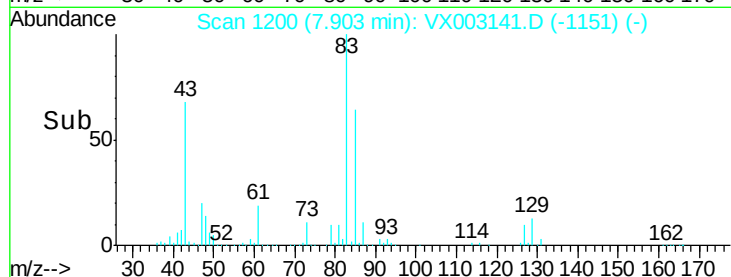
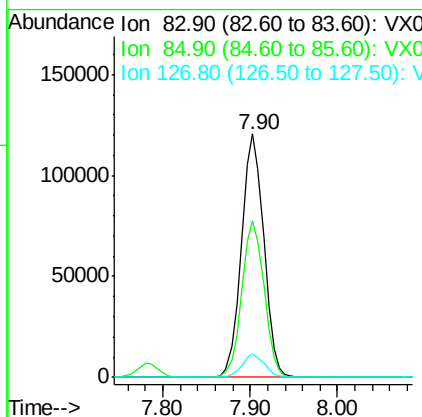
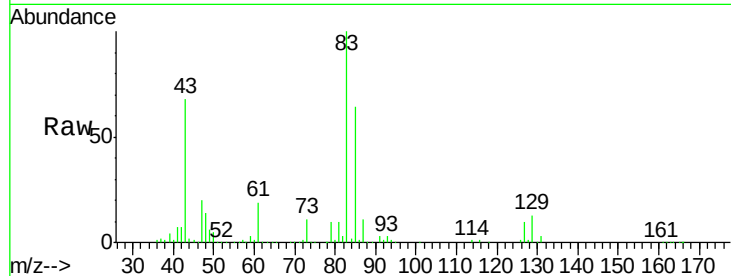
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	213838
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
APPROVED

sam
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#48

Methyl methacrylate

Concen: 48.213 ug/l

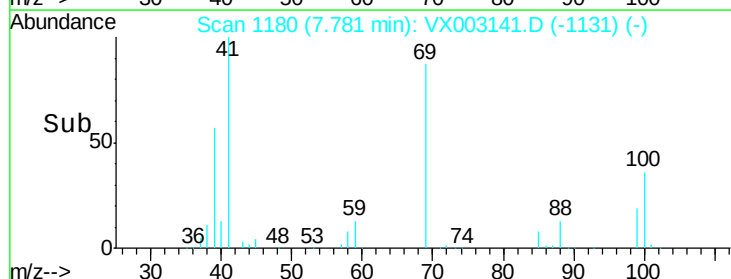
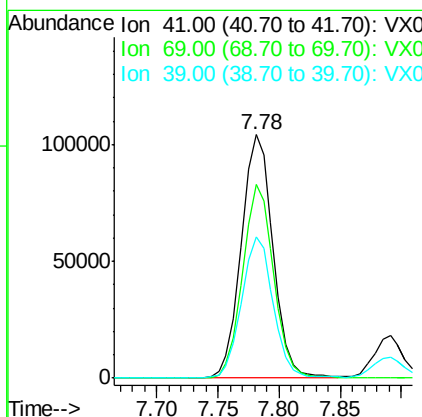
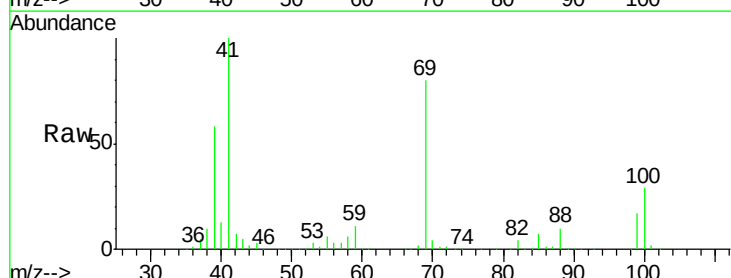
RT: 7.78 min Scan# 1180

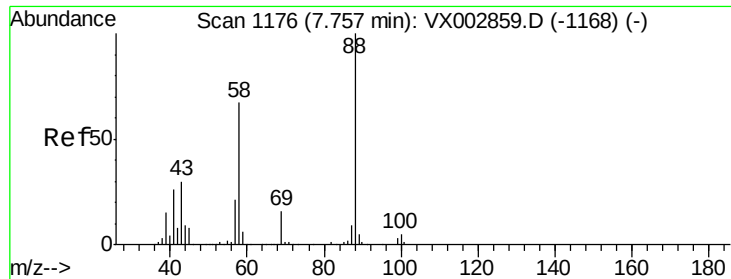
Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	41	Resp:	186872
Ion	Ratio	Lower	Upper
41	100		
69	78.6	59.1	88.7
39	57.8	48.9	73.3





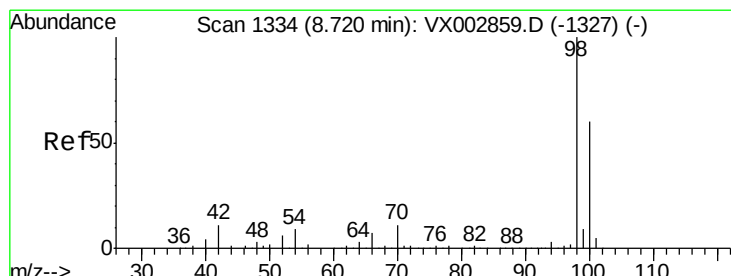
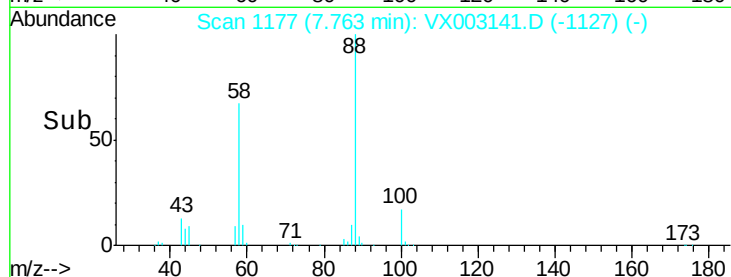
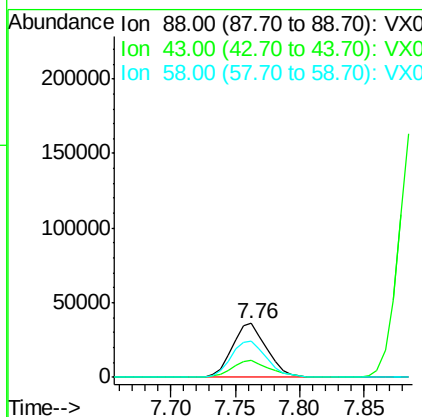
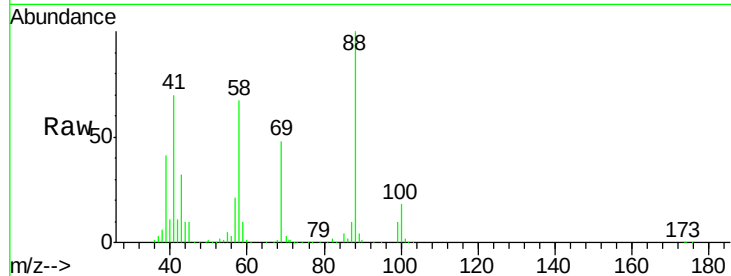
#49
1,4-Dioxane
Concen: 900.616 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	69.5	57.1	85.7

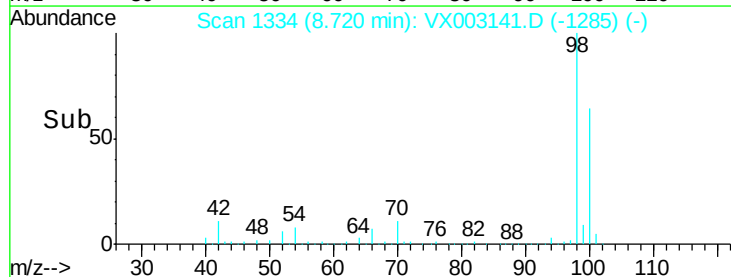
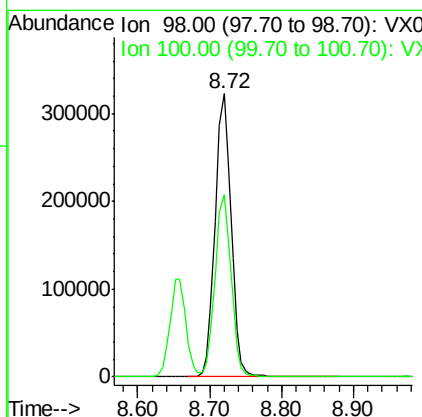
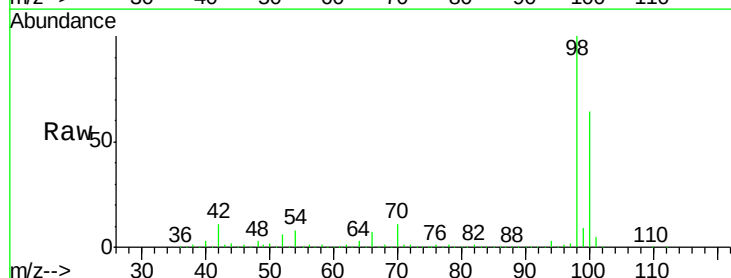
Manual Integrations
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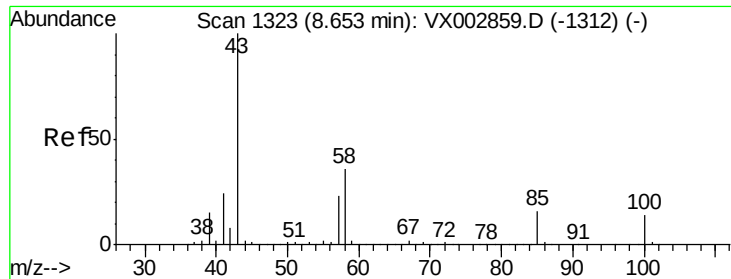
Sam
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#50
Toluene-d8
Concen: 45.425 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





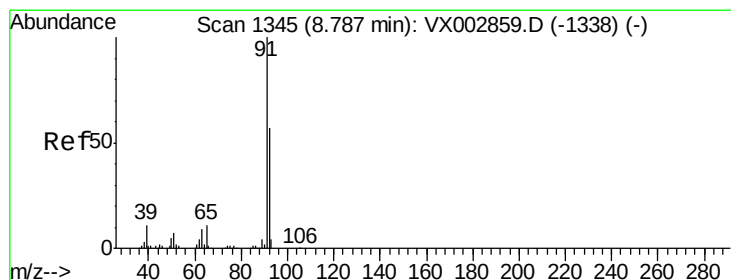
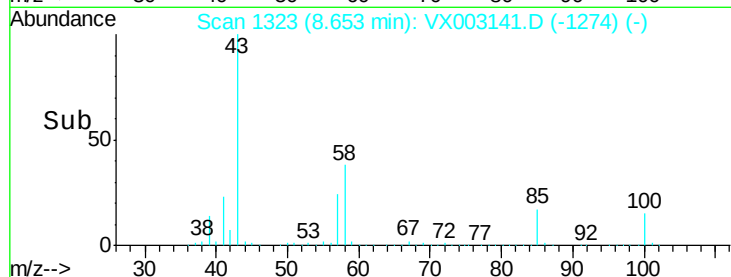
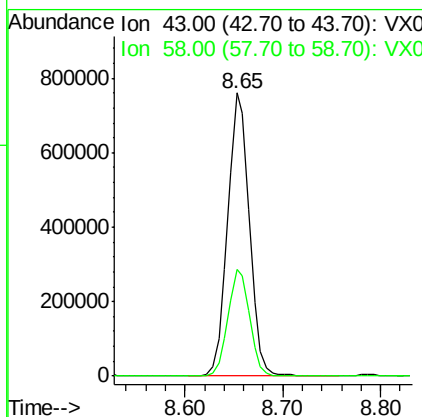
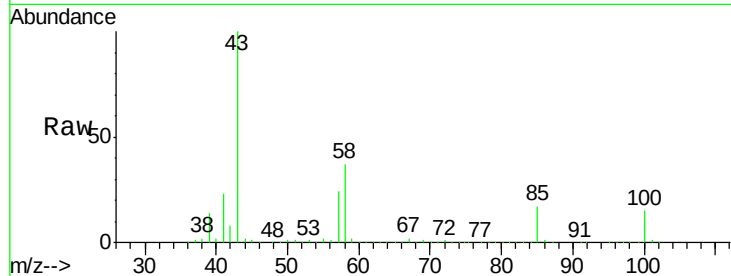
#51
4-Methyl-2-Pentanone
Concen: 247.918 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1166811
Ion Ratio Lower Upper
43 100
58 37.5 28.6 42.8

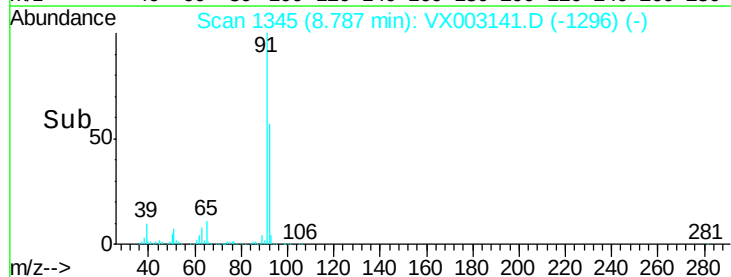
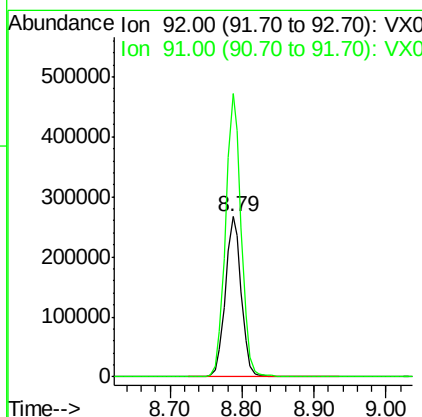
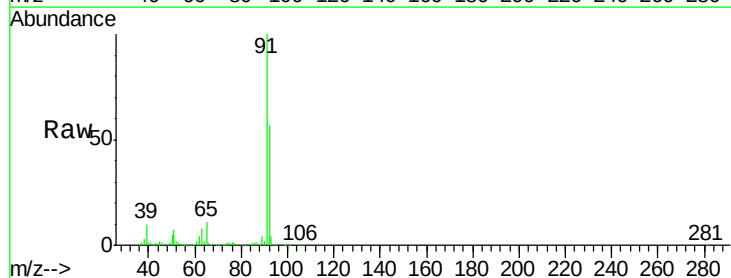
Manual Integrations
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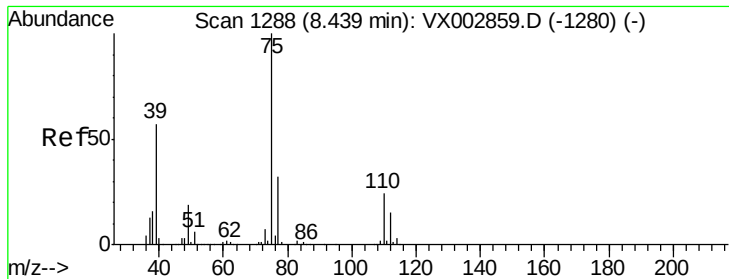
sam
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#52
Toluene
Concen: 53.167 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion: 92 Resp: 412253
Ion Ratio Lower Upper
92 100
91 173.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 55.367 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 258294

Ion Ratio Lower Upper

75 100

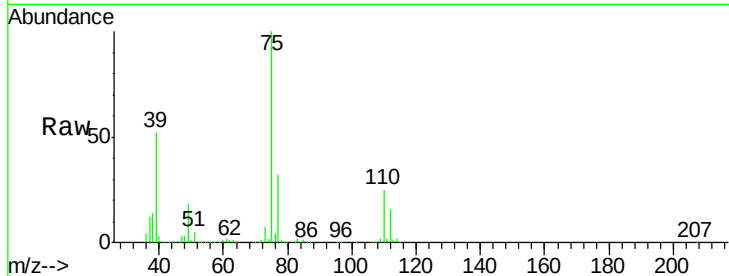
77 31.9 25.4 38.2

Manual Integrations

APPROVED

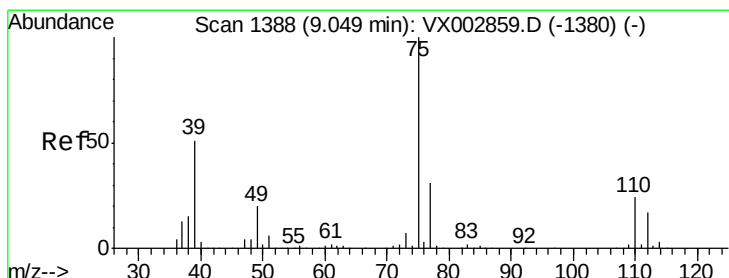
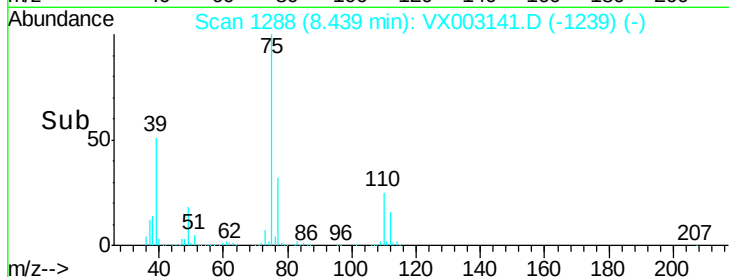
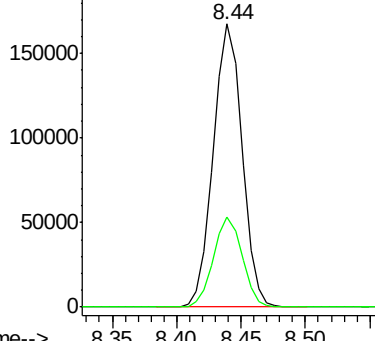
sam

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.870 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

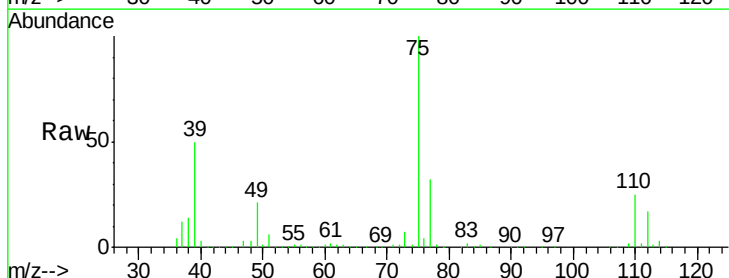
Tgt Ion: 75 Resp: 241808

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

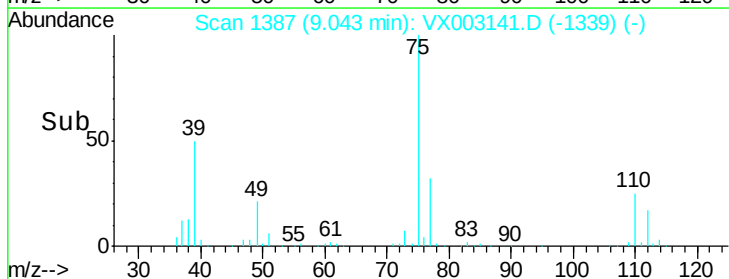
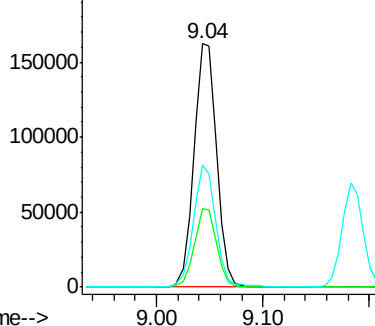
39 50.2 42.4 63.6

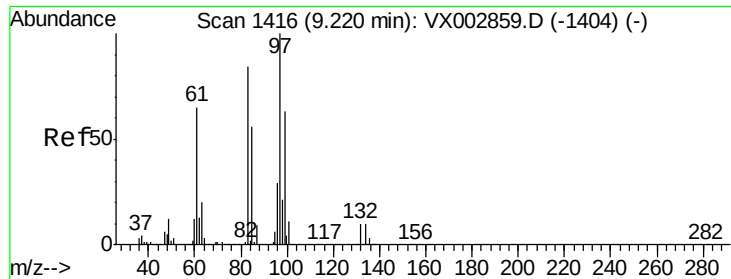


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





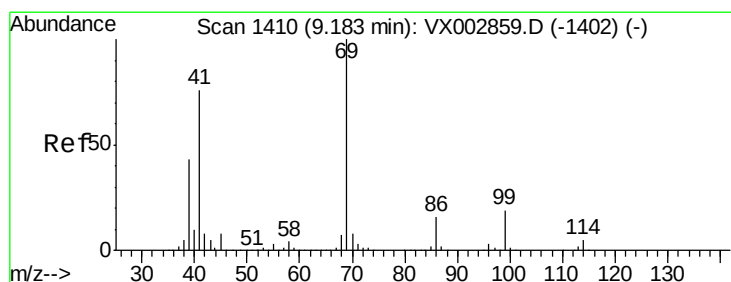
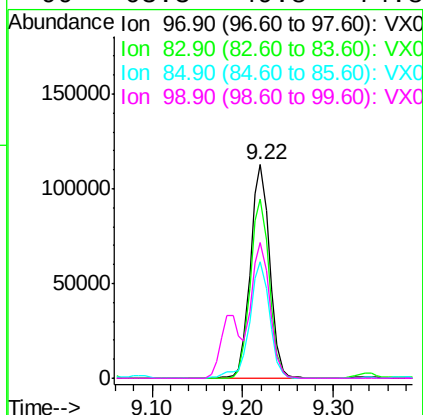
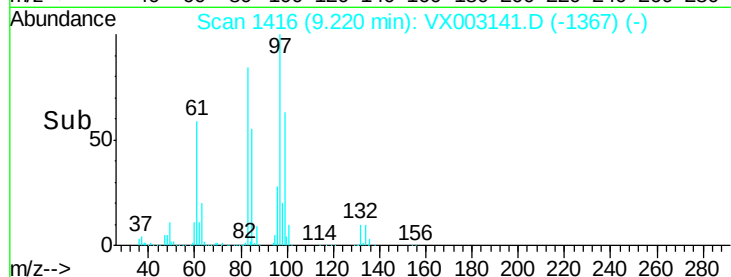
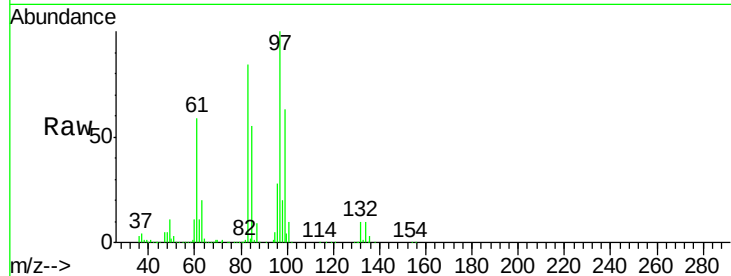
#55
 1,1,2-Trichloroethane
 Concen: 52.019 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	165745
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	54.7	44.9	67.3
99	63.3	49.8	74.8

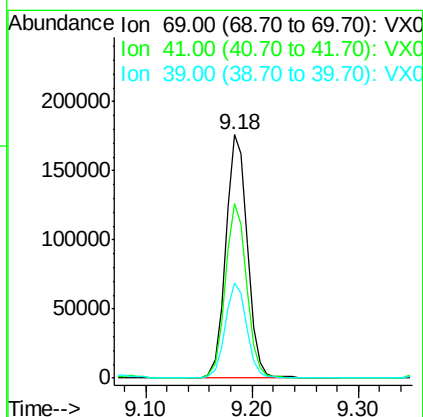
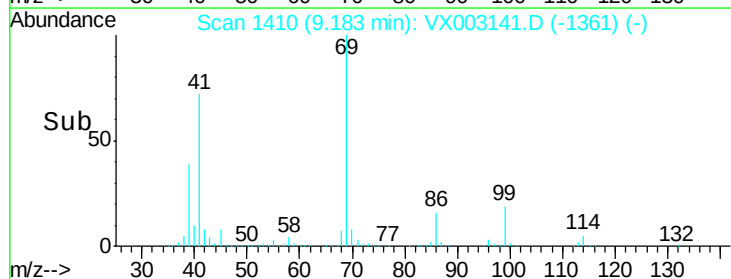
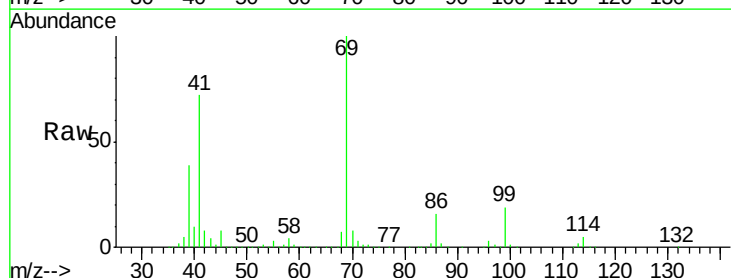
Manual Integrations
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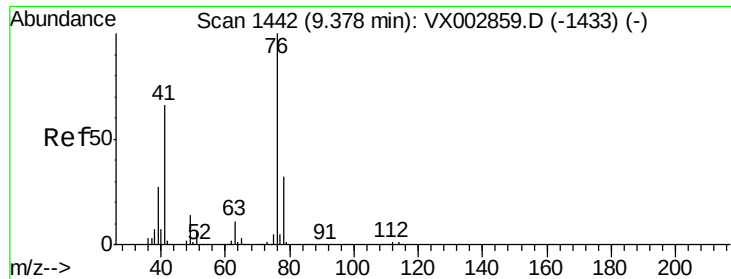
sam
 7/5/2018 2:28:48 PM



#56
 Ethyl methacrylate
 Concen: 53.789 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	69	Resp	250479
Ion	Ratio	Lower	Upper
69	100		
41	70.5	60.3	90.5
39	38.8	35.8	53.8





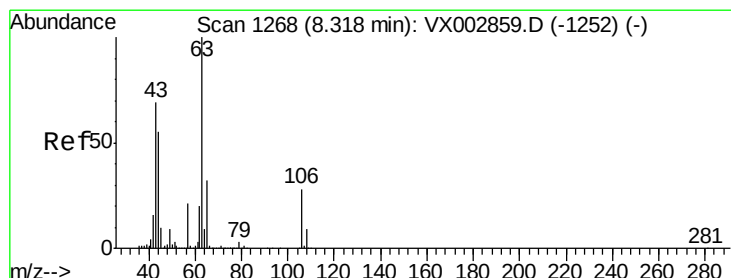
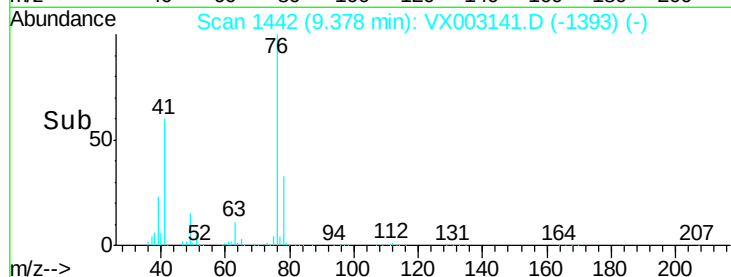
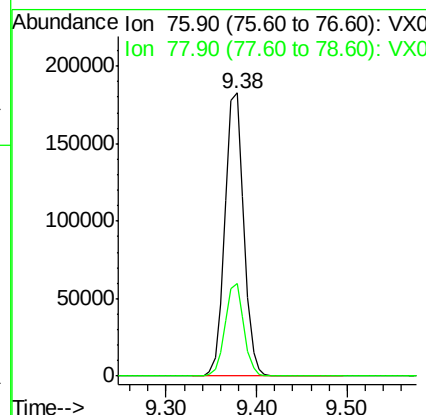
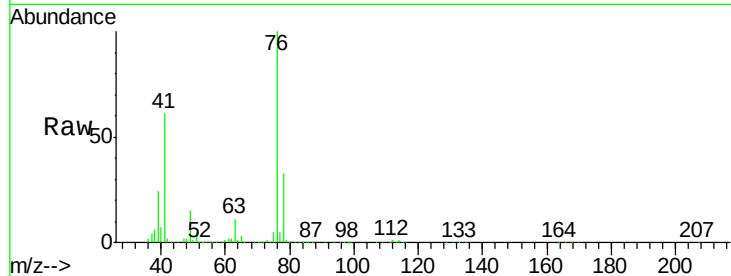
#57
 1,3-Dichloropropane
 Concen: 50.771 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

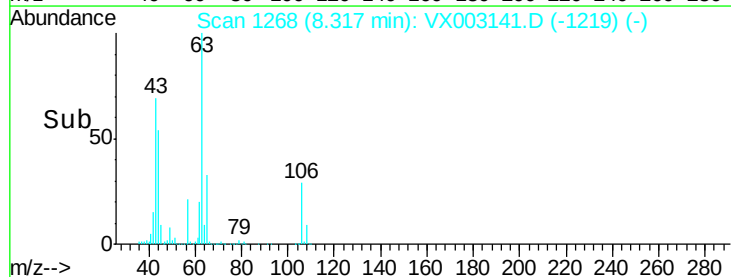
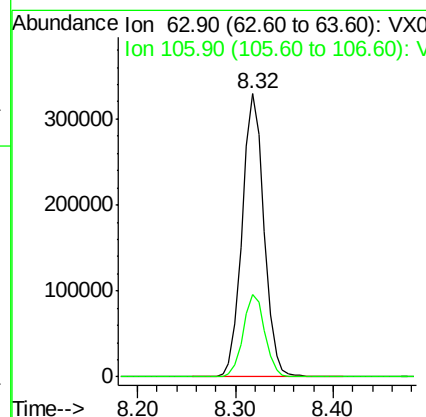
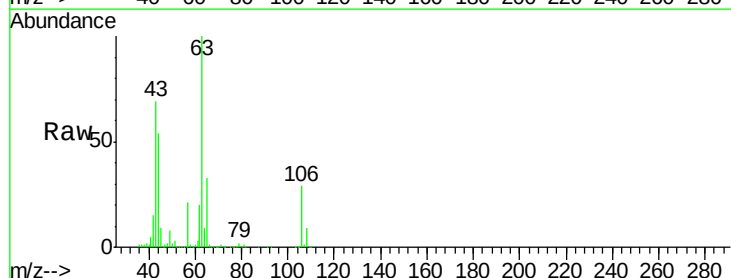
Manual Integrations
 APPROVED

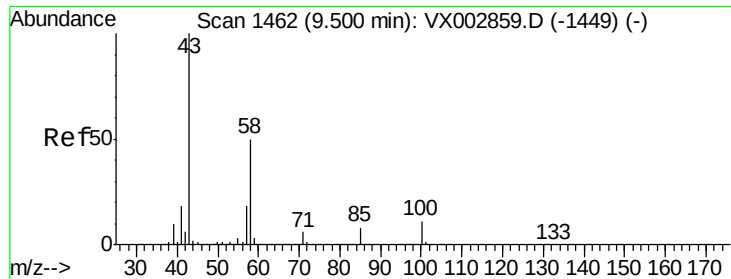
Sam
 7/5/2018 2:28:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.138 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	21.8	32.8





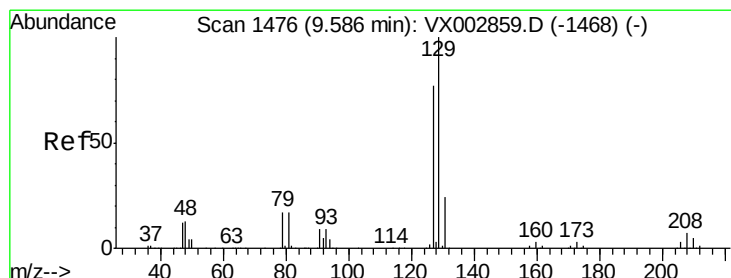
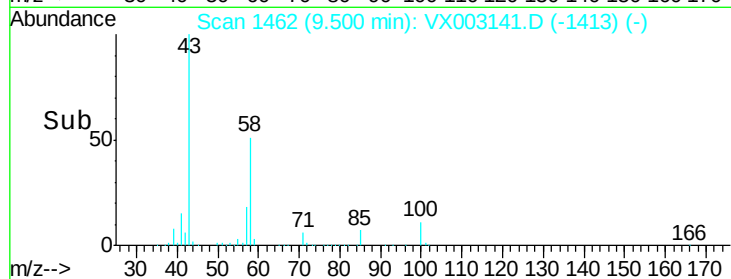
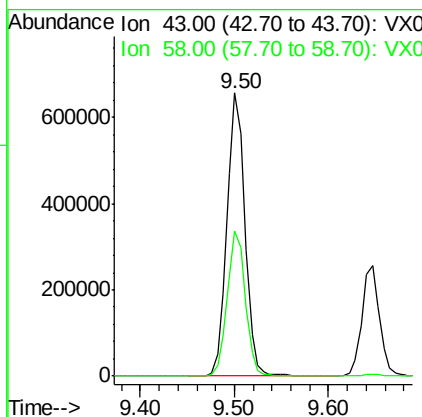
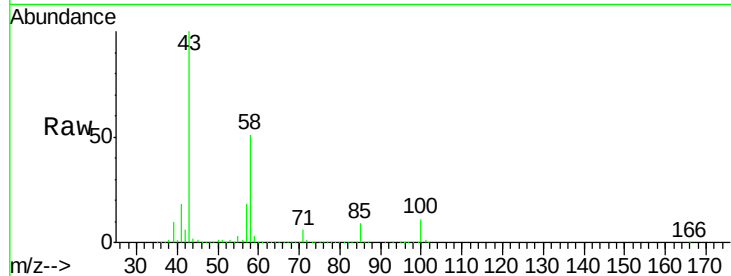
#59
2-Hexanone
Concen: 244.199 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	873479
Ion Ratio	100	Lower	Upper
43	100		
58	51.8	24.6	73.6

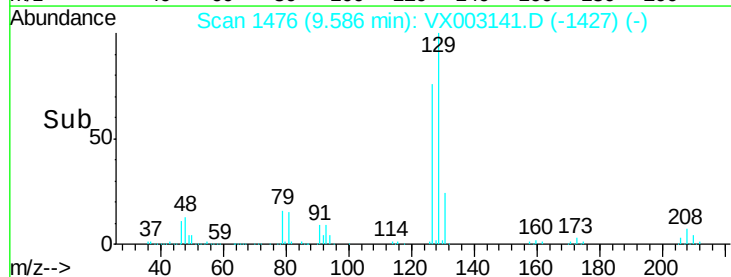
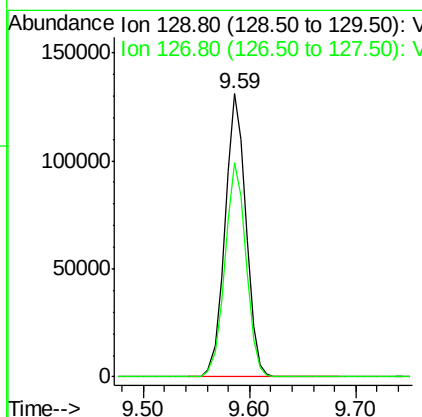
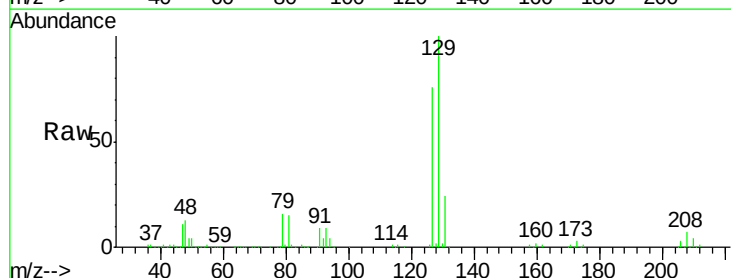
Manual Integrations
APPROVED

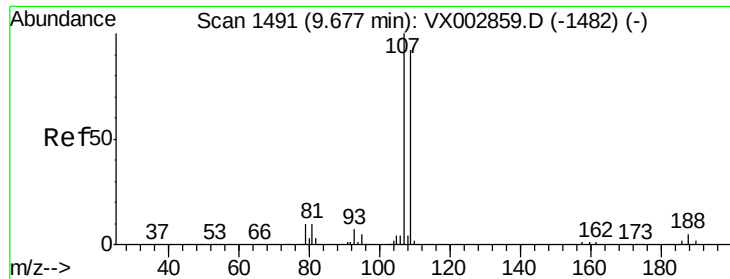
sam
7/5/2018 2:28:48 PM



#60
Dibromochloromethane
Concen: 53.909 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	129	Resp	180820
Ion Ratio	100	Lower	Upper
129	100		
127	76.1	38.5	115.3





#61

1,2-Dibromoethane

Concen: 51.764 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 173001

Ion Ratio Lower Upper

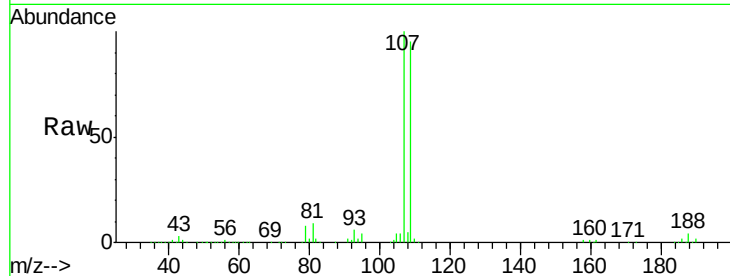
107 100

109 94.3 75.3 112.9

Manual Integrations
APPROVED

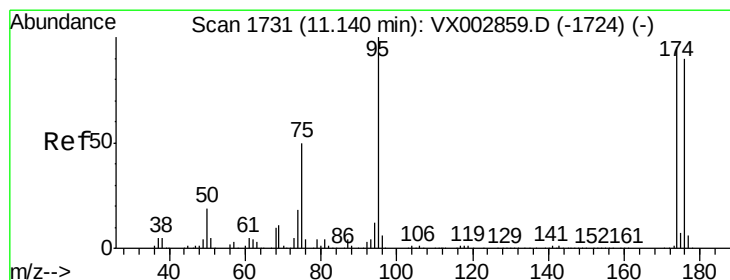
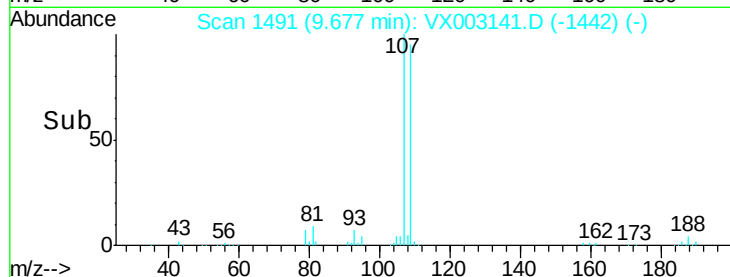
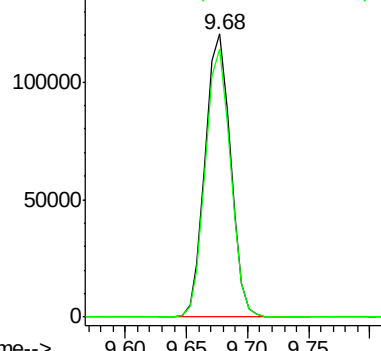
sam

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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: 46.256 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

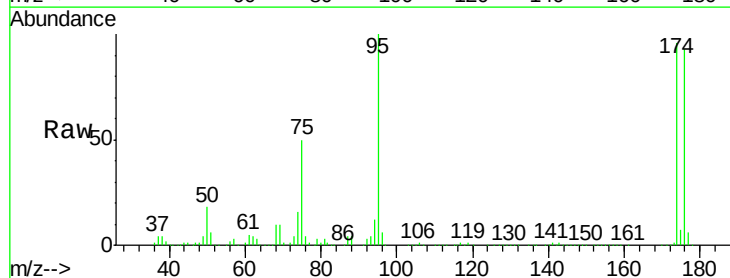
Tgt Ion: 95 Resp: 195965

Ion Ratio Lower Upper

95 100

174 100.0 0.0 187.4

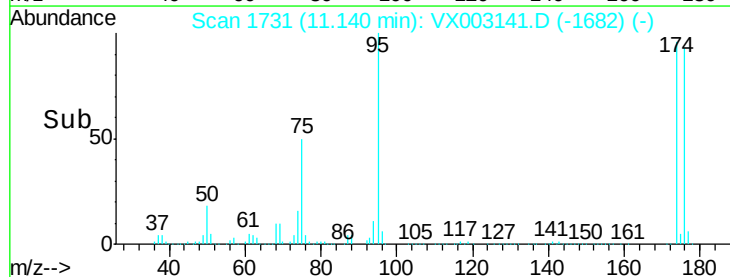
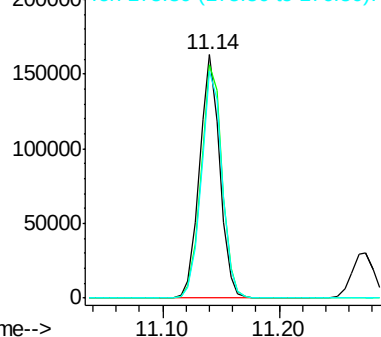
176 96.3 0.0 181.0

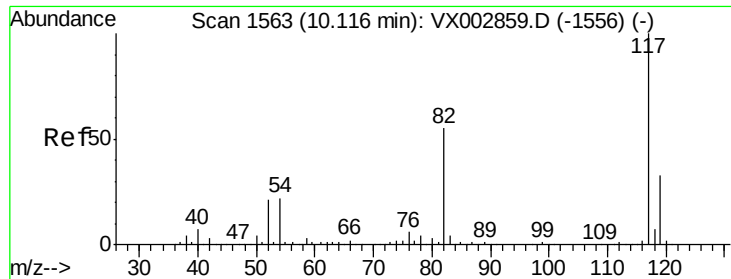


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





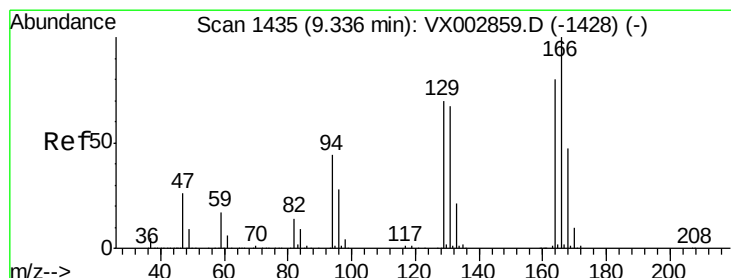
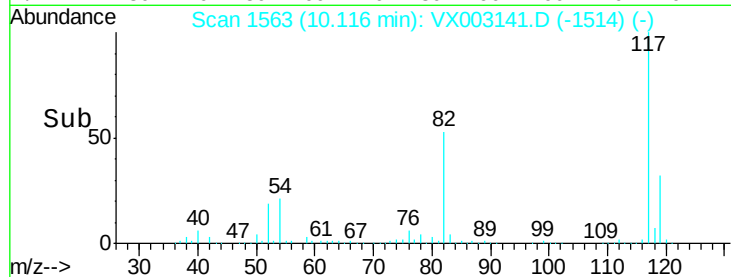
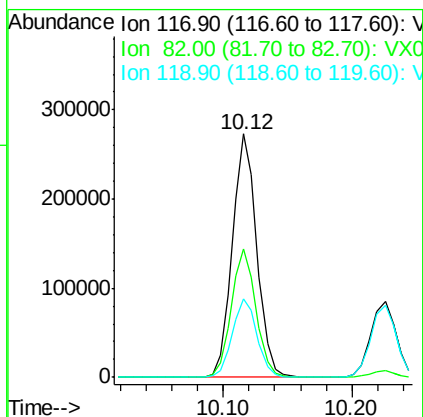
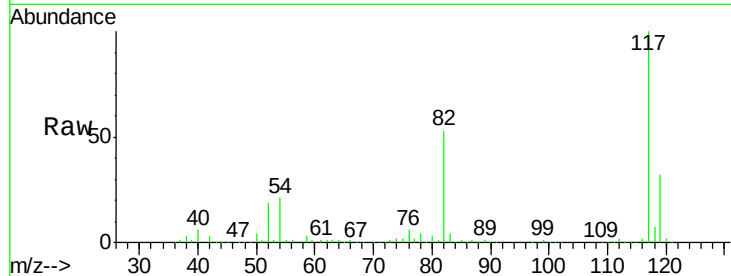
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.0	67.4
119	32.2	25.8	38.6

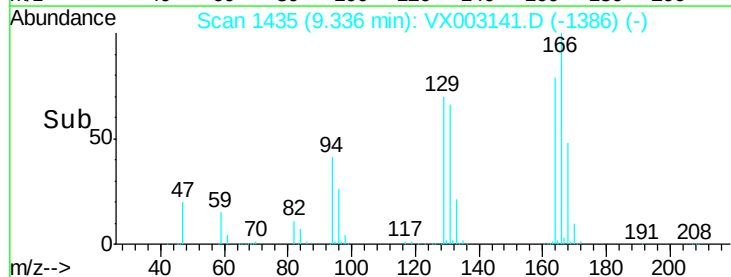
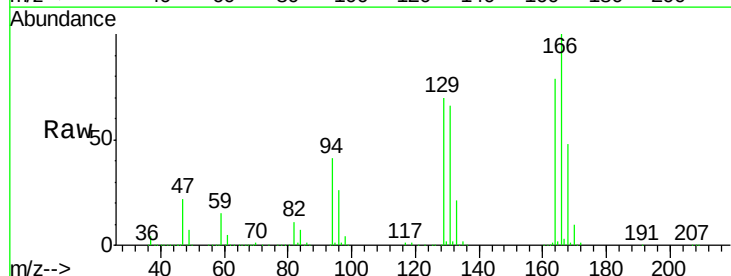
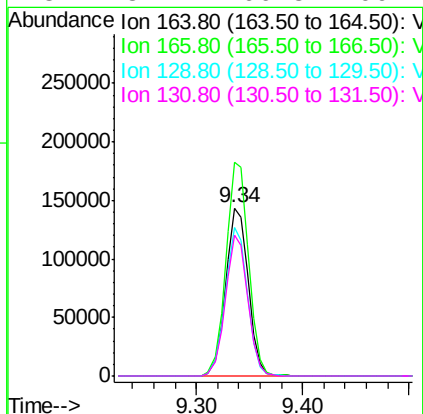
Manual Integrations
APPROVED

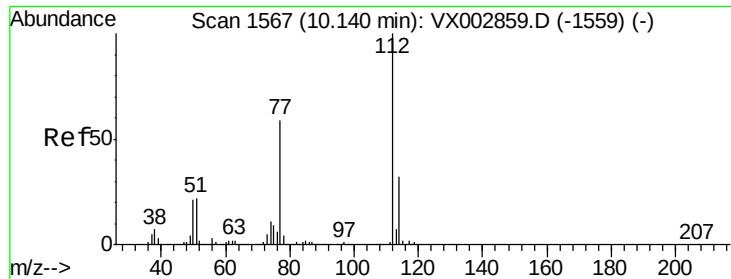
sam
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#64
Tetrachloroethene
Concen: 52.571 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.9	154.3
129	88.7	68.6	102.8
131	84.2	66.8	100.2





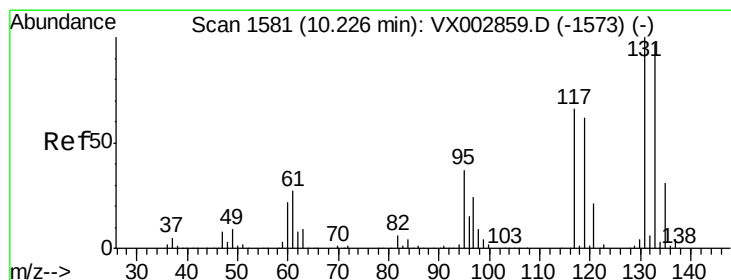
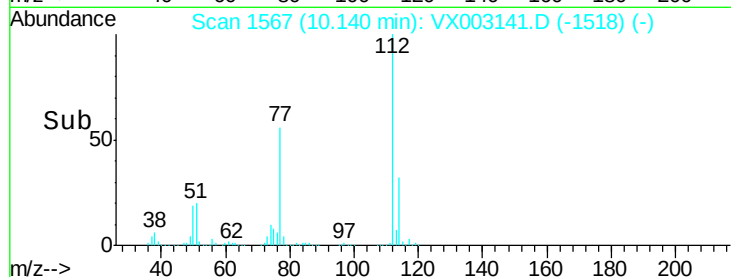
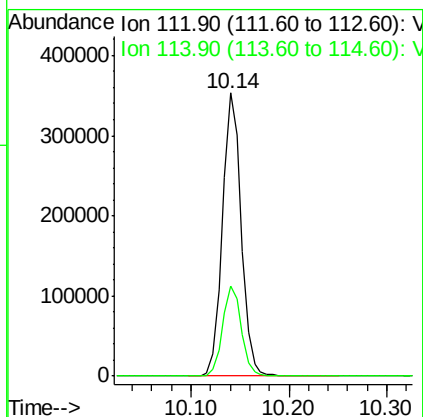
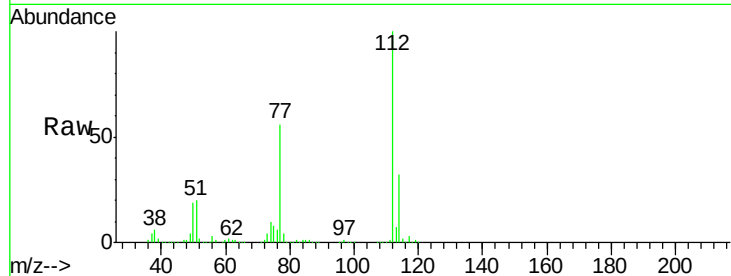
#65
Chlorobenzene
Concen: 50.843 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 468462
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

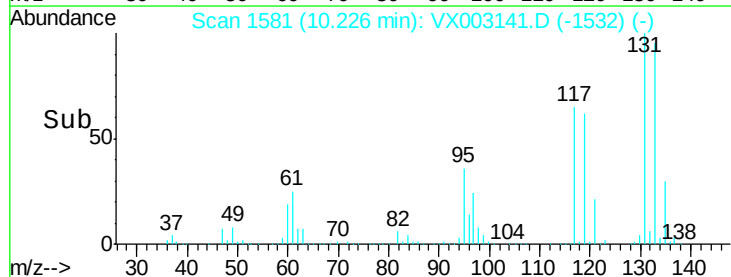
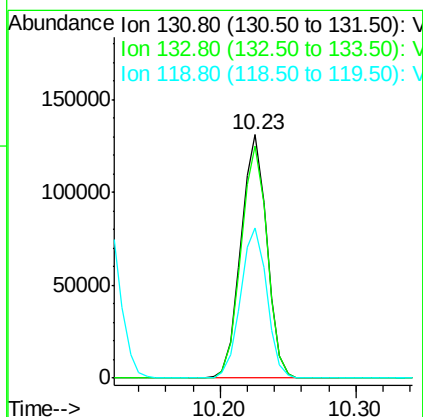
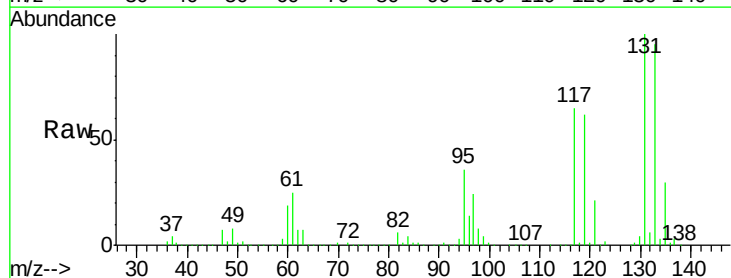
Manual Integrations
APPROVED

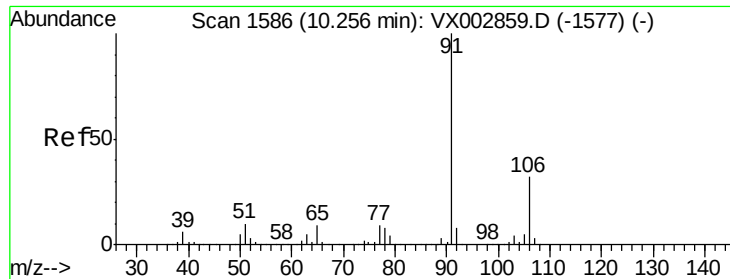
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.107 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion:131 Resp: 174408
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 62.6 31.8 95.3





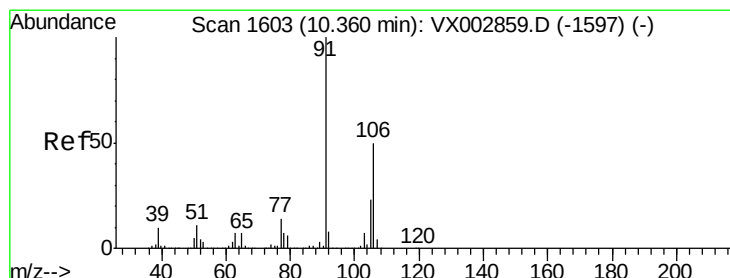
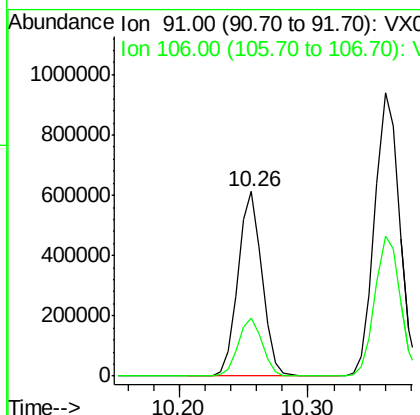
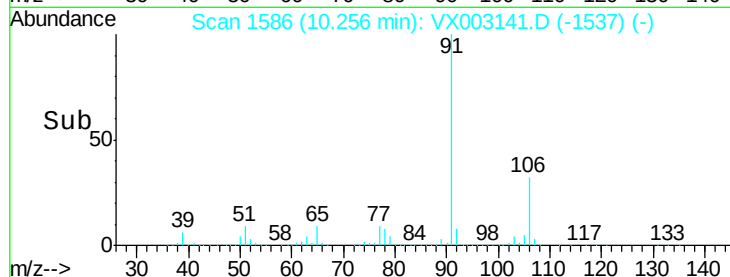
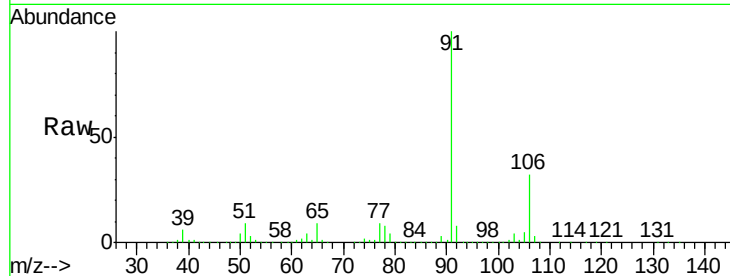
#67
Ethyl Benzene
Concen: 52.002 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 791491
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

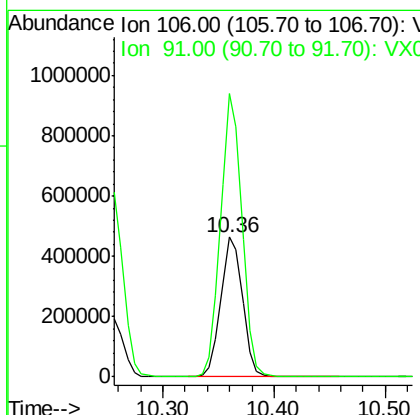
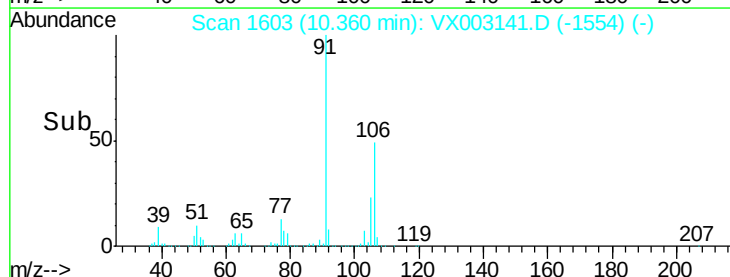
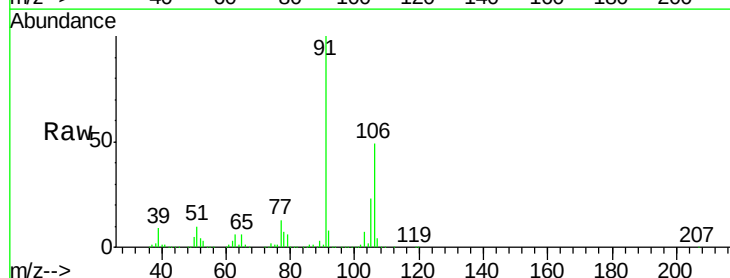
Manual Integrations
APPROVED

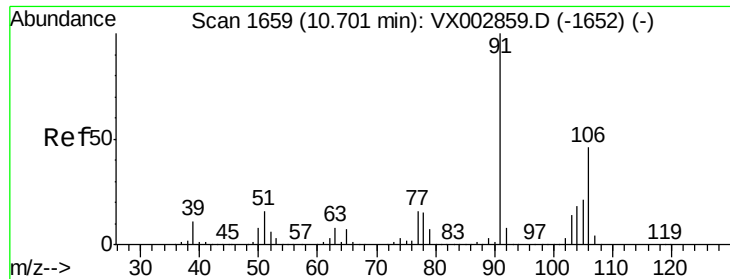
sam
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#68
m/p-Xylenes
Concen: 106.859 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion: 106 Resp: 626833
Ion Ratio Lower Upper
106 100
91 200.2 163.4 245.2





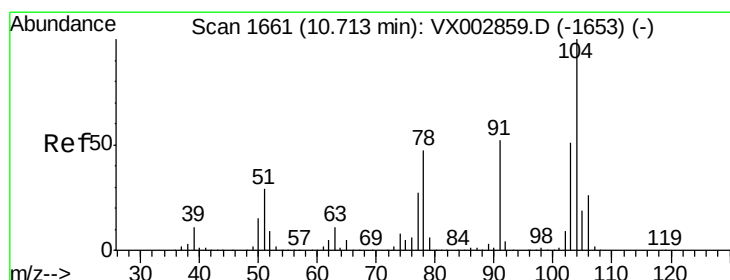
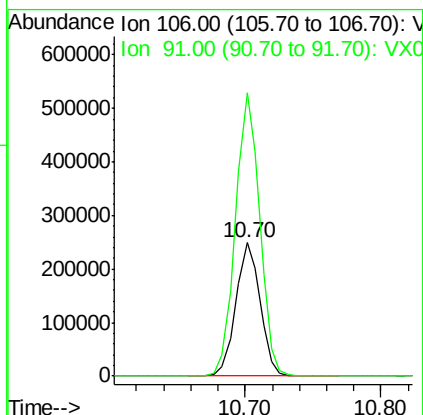
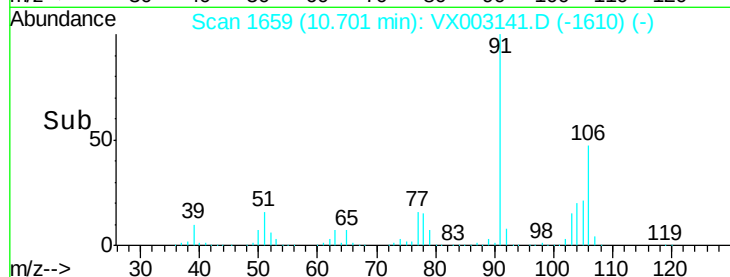
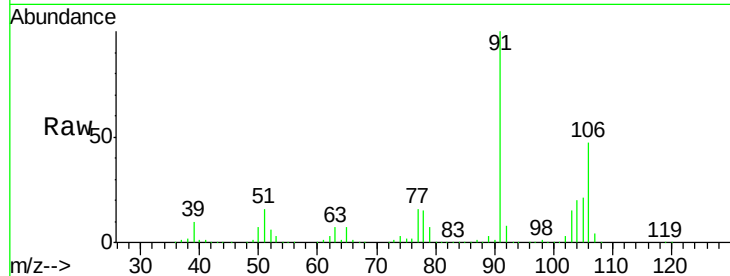
#69
o-Xylene
Concen: 53.773 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 307136
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

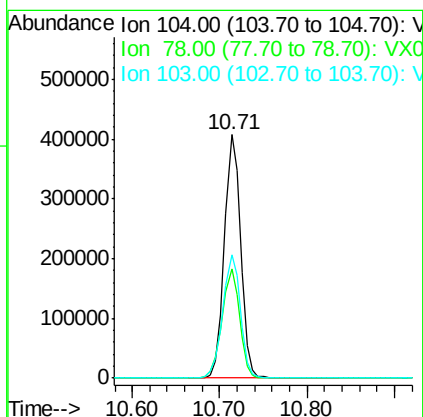
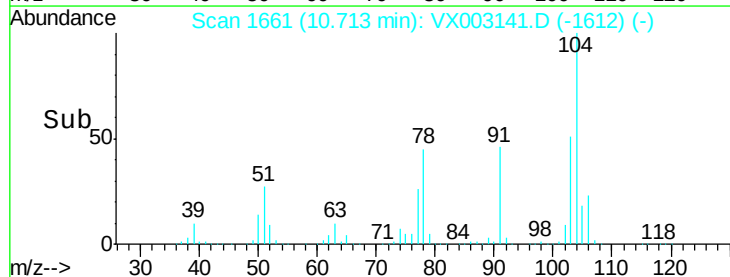
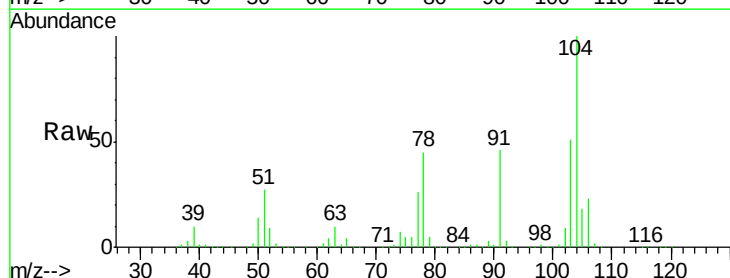
Manual Integrations
APPROVED

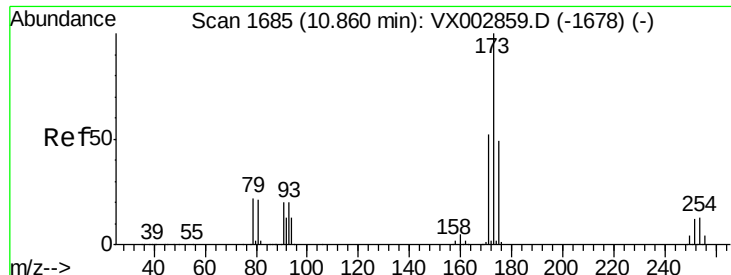
sam
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#70
Styrene
Concen: 56.299 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion:104 Resp: 522519
Ion Ratio Lower Upper
104 100
78 48.8 41.0 61.6
103 54.9 44.2 66.4





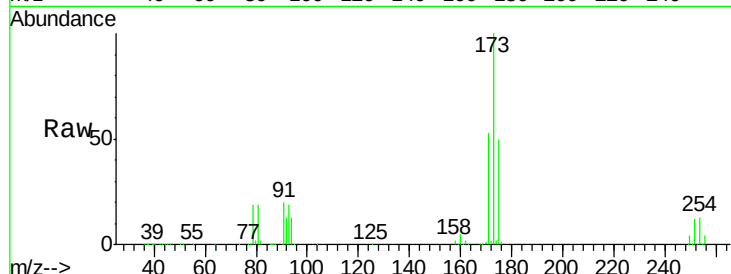
#71
Bromoform
Concen: 48.380 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
APPROVED

sam
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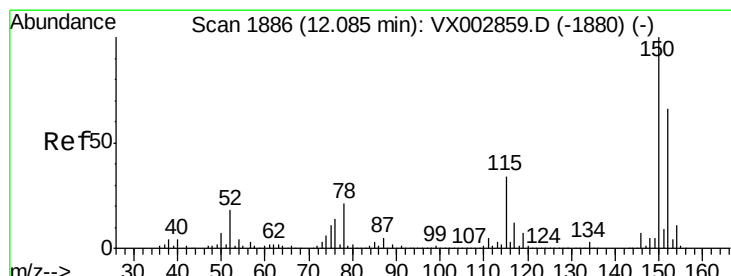
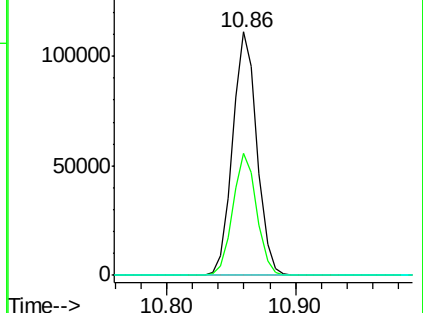
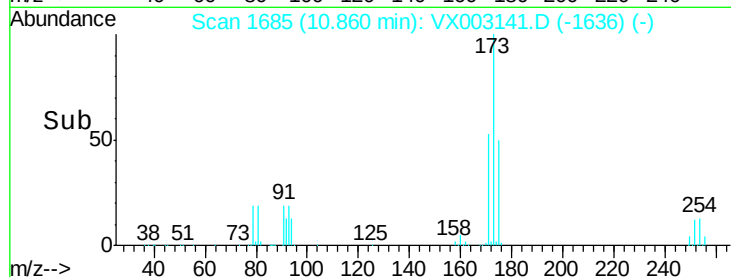


Abundance

Ion 172.70 (172.40 to 173.40): V

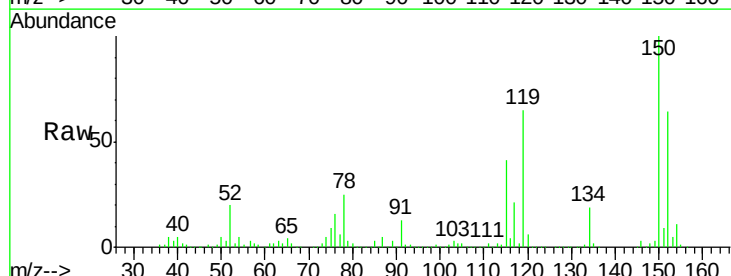
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	40.1	120.2
150	172.8	0.0	347.2

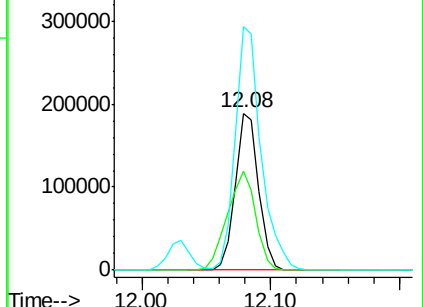
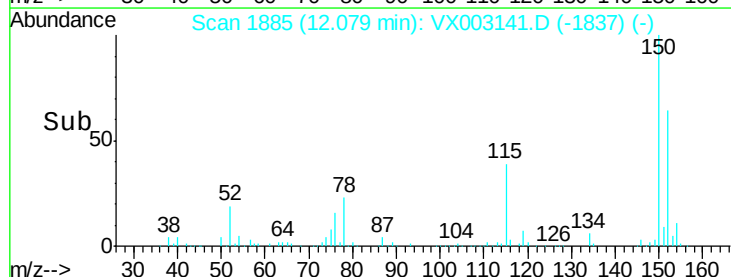


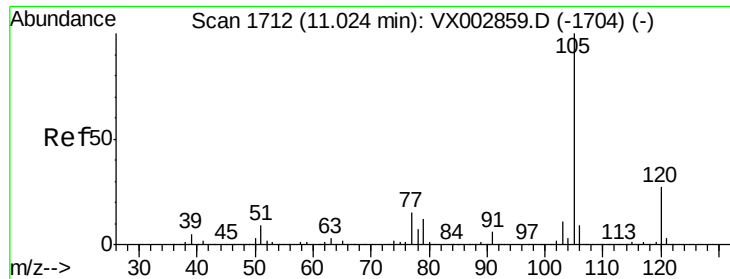
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.107 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 845987

Ion Ratio Lower Upper

105 100

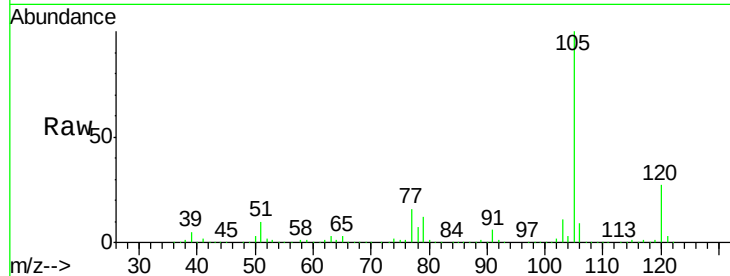
120 27.1 13.5 40.4

Manual Integrations

APPROVED

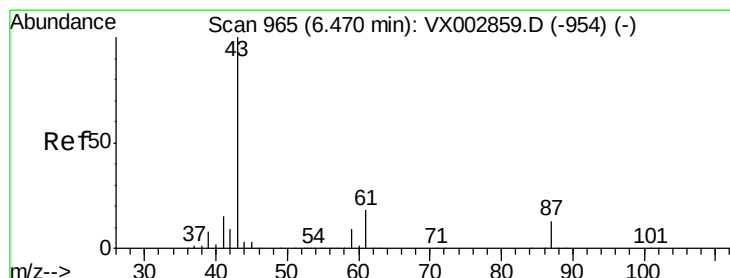
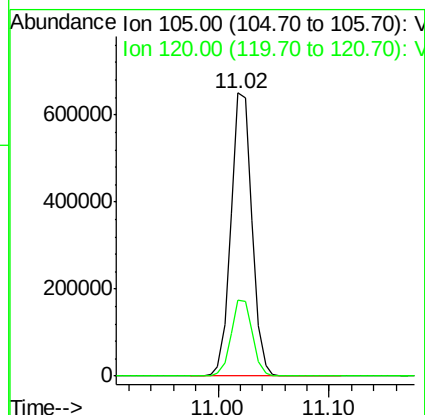
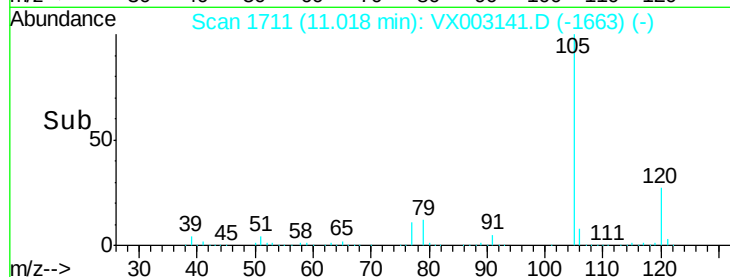
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.851 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion: 43 Resp: 365166

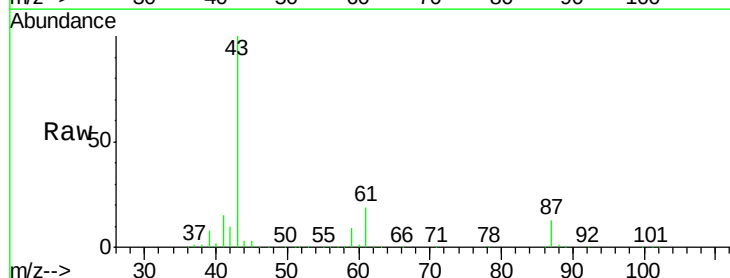
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.2 14.4 21.6

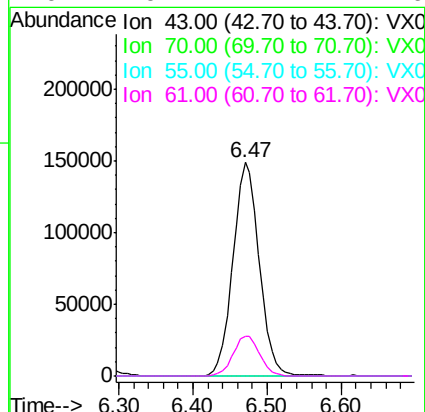
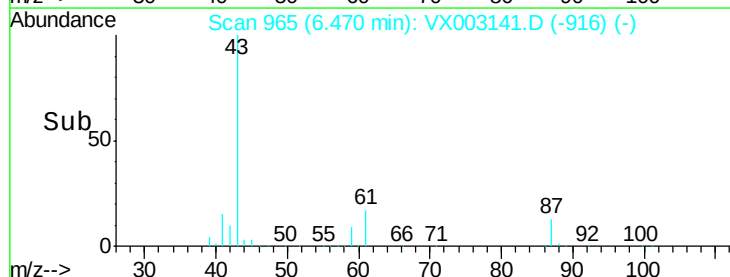


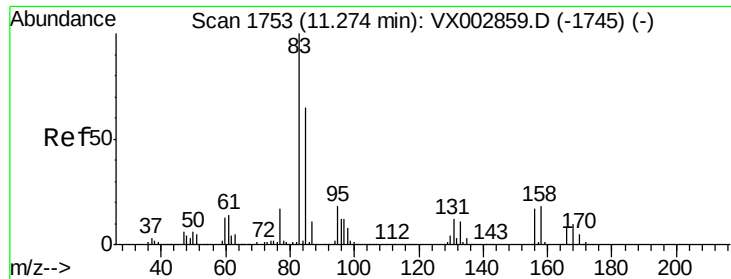
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.798 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

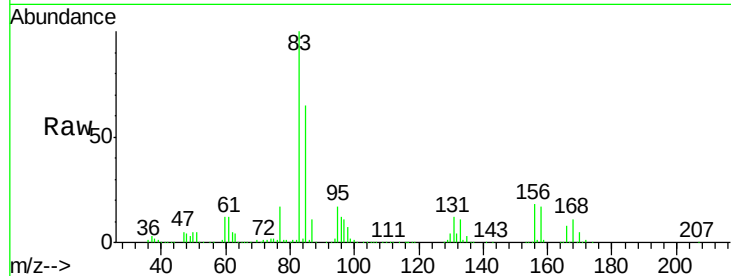
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239452
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
APPROVED

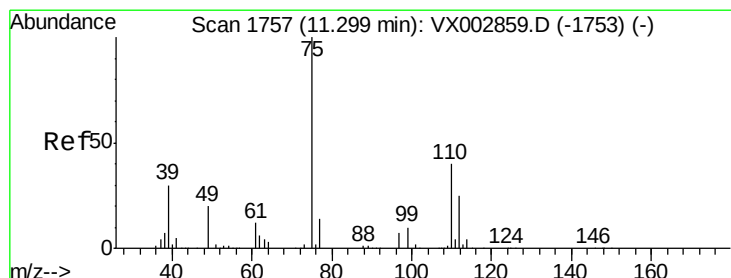
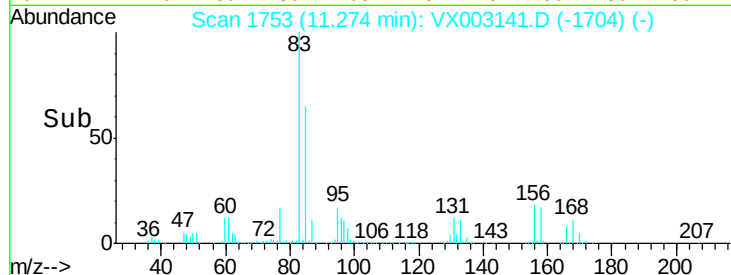
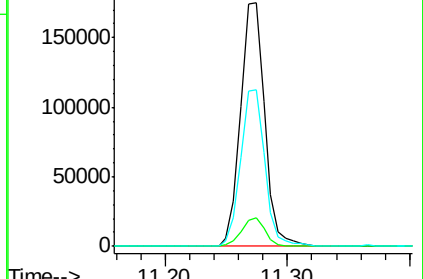
sam
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.974 ug/l m

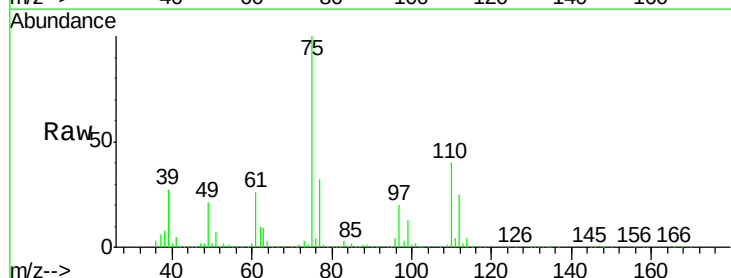
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003141.D

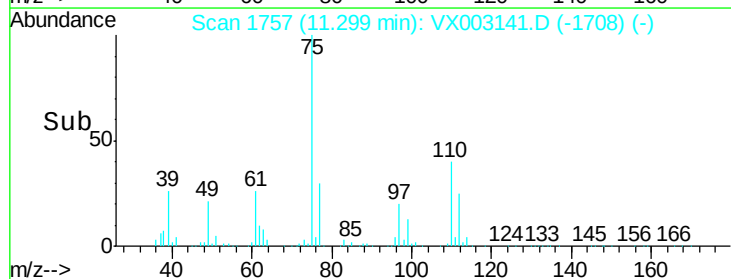
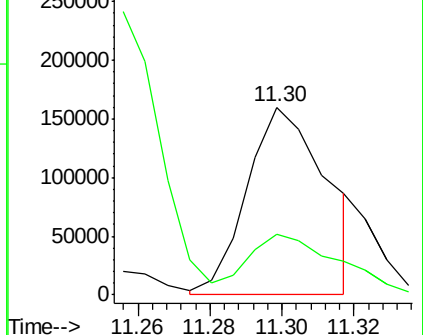
Acq: 03 Jul 2018 10:20

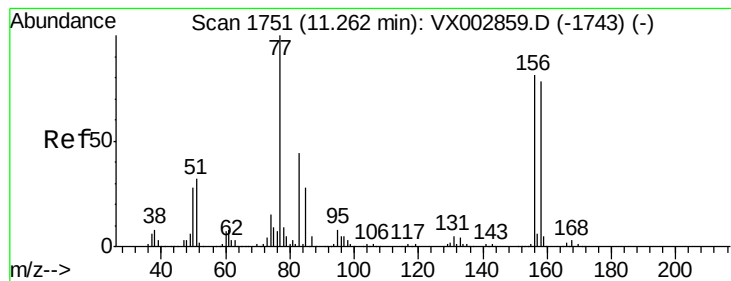
Tgt Ion:	75	Resp:	244374
Ion Ratio	Lower	Upper	
75	100		
77	37.2	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.116 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

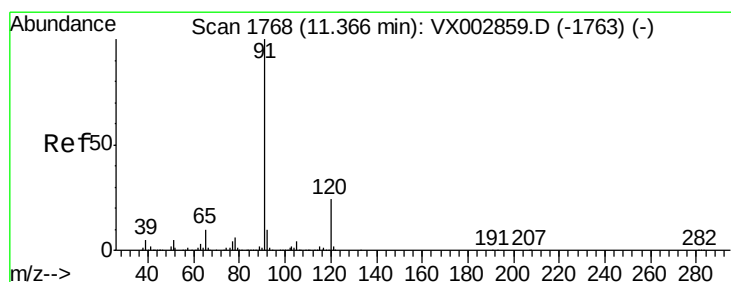
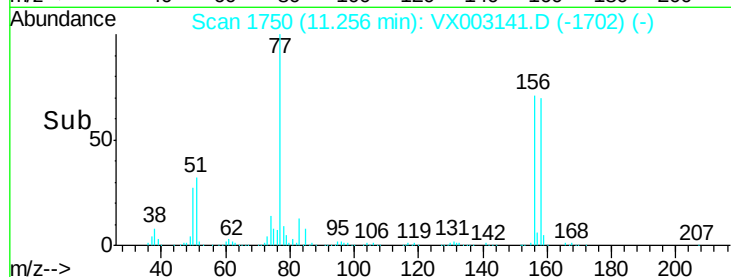
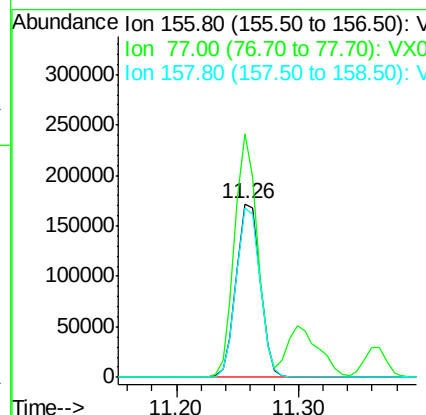
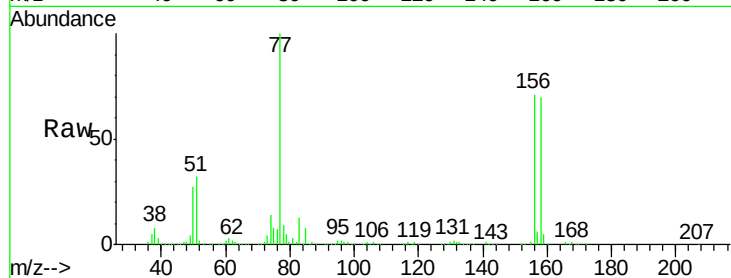
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.6	71.4	214.2
158	97.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.401 ug/l

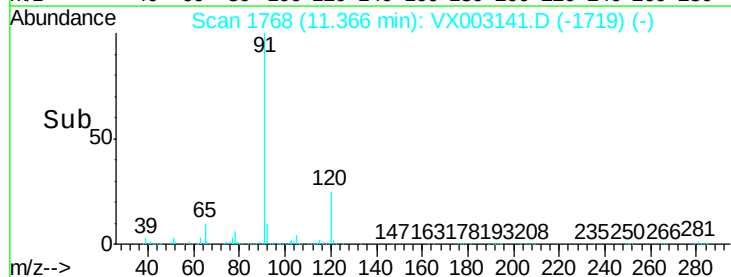
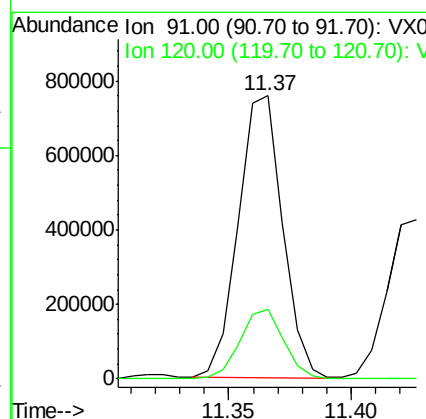
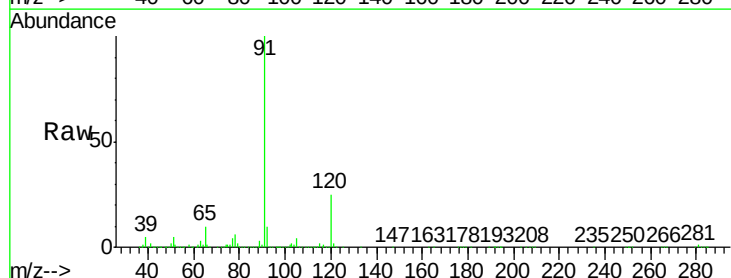
RT: 11.37 min Scan# 1768

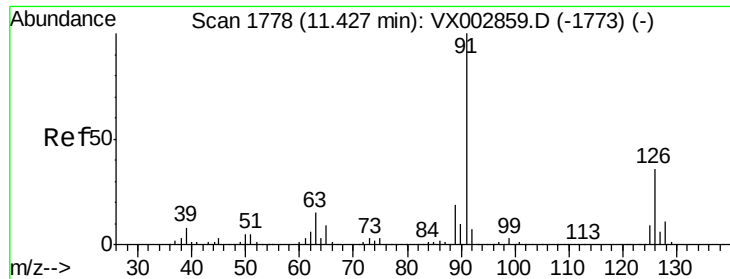
Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.447 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 553795

Ion Ratio Lower Upper

91 100

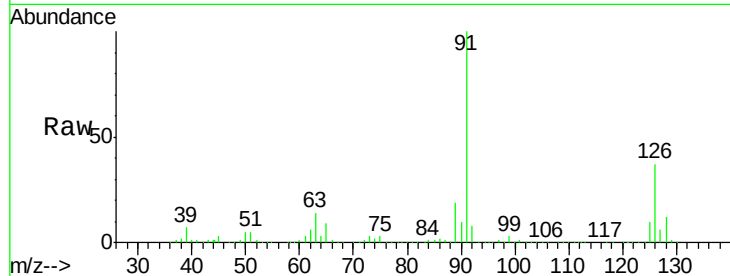
126 36.5 17.7 53.1

Manual Integrations

APPROVED

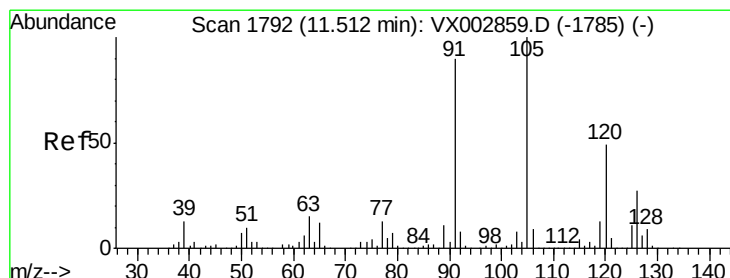
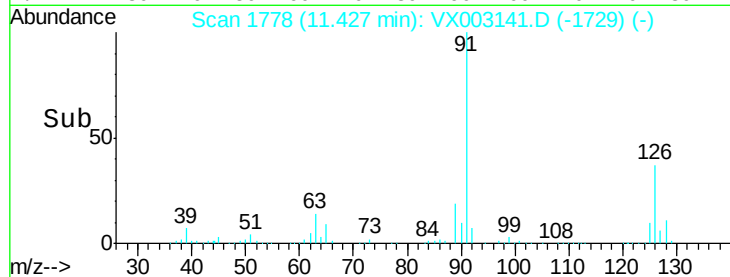
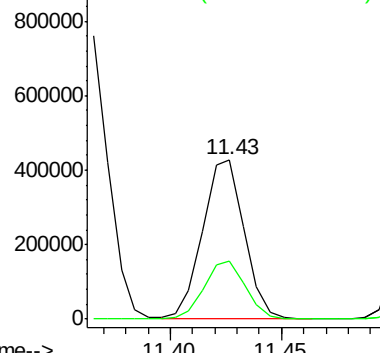
sam

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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: 52.866 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003141.D

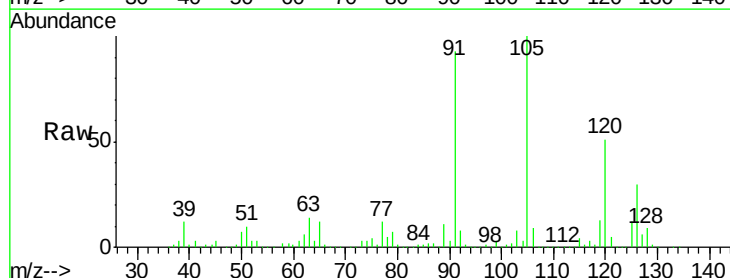
Acq: 03 Jul 2018 10:20

Tgt Ion: 105 Resp: 709294

Ion Ratio Lower Upper

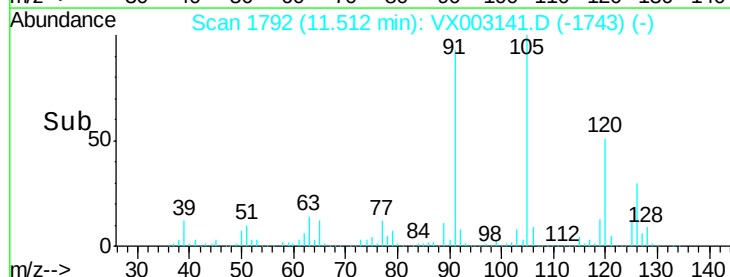
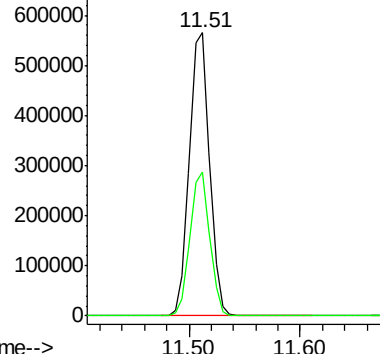
105 100

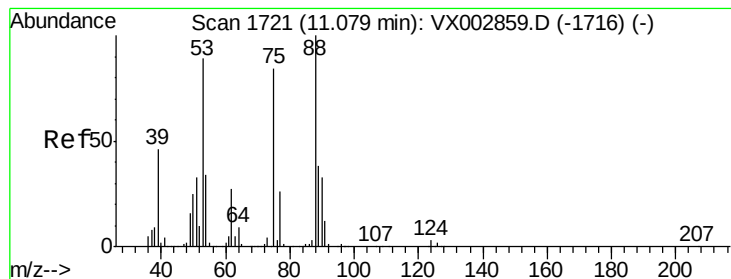
120 49.7 24.4 73.4



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: 48.419 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 71410

Ion Ratio Lower Upper

75 100

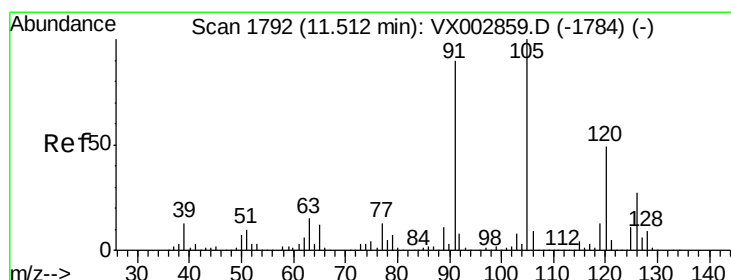
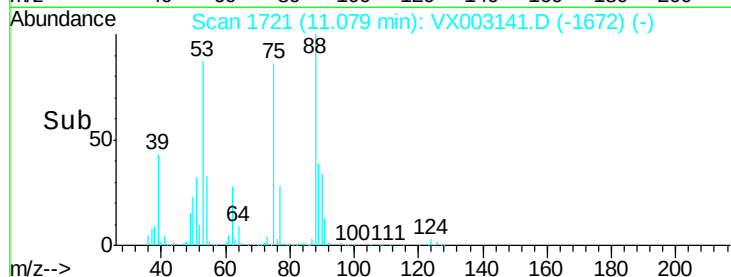
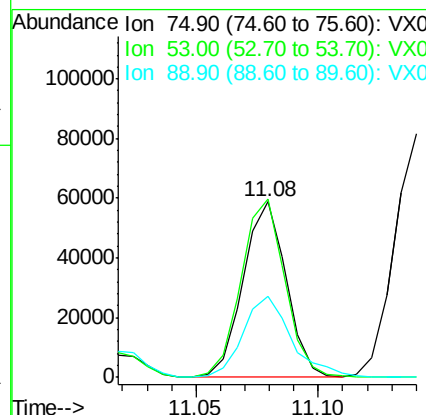
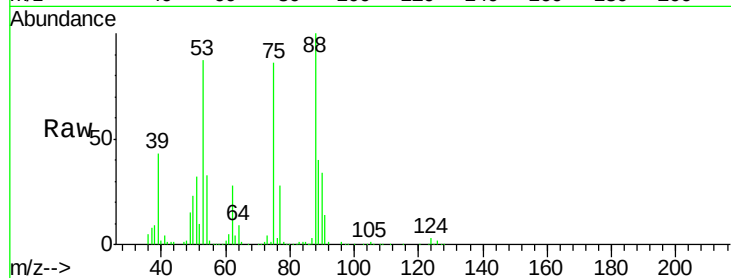
53 103.8 86.8 130.2

89 52.5 38.2 57.2

Manual Integrations
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sam

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#82

4-Chlorotoluene

Concen: 50.976 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003141.D

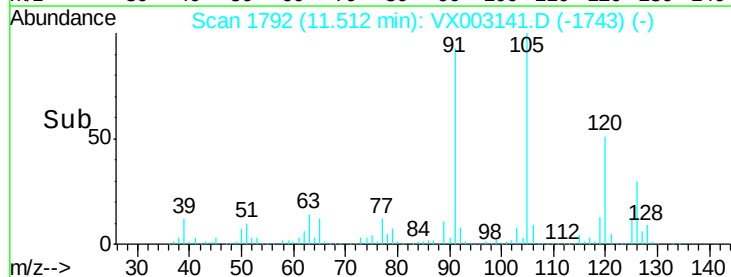
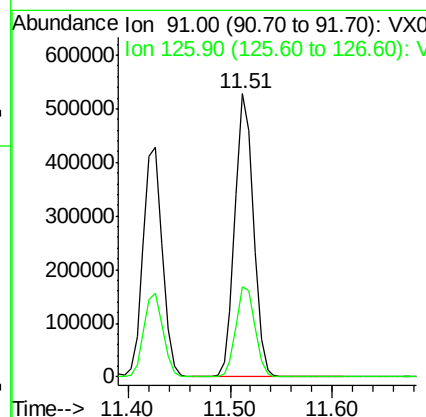
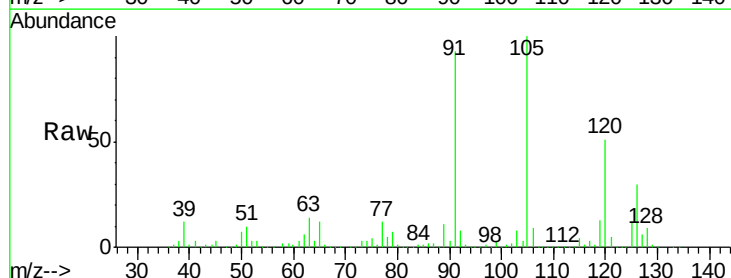
Acq: 03 Jul 2018 10:20

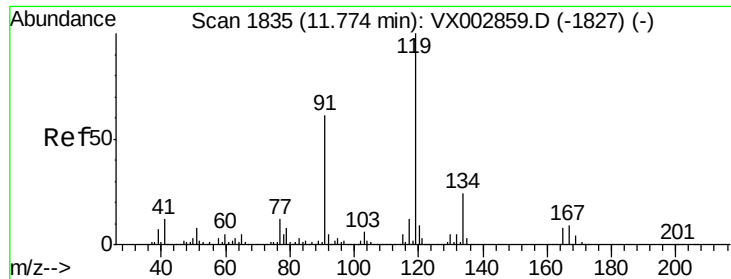
Tgt Ion: 91 Resp: 662490

Ion Ratio Lower Upper

91 100

126 32.3 15.4 46.4





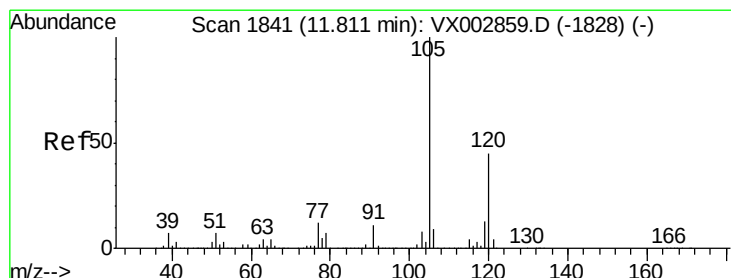
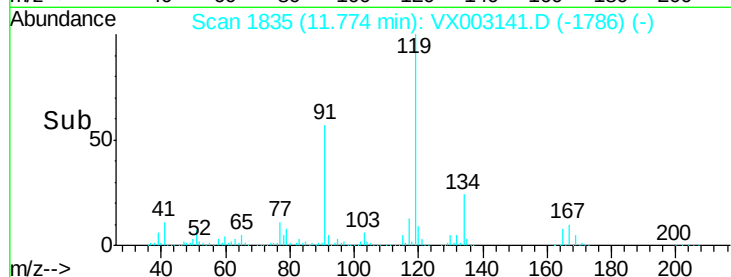
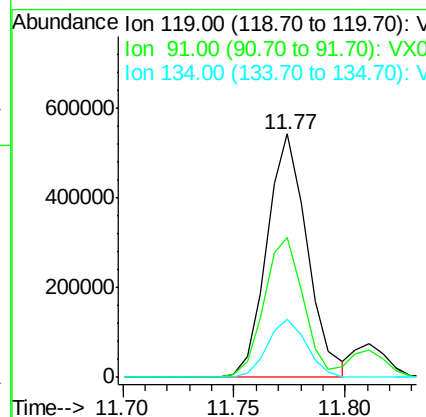
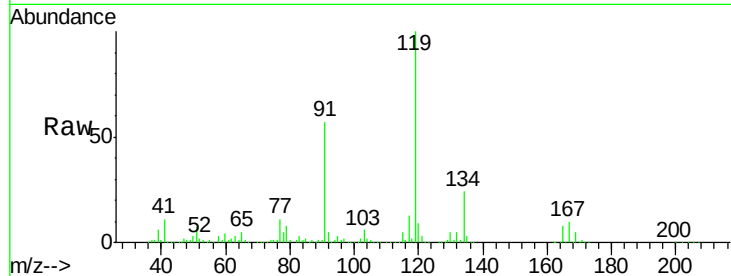
#83
 tert-Butylbenzene
 Concen: 51.563 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	30.3	90.9
134	23.3	11.7	35.1

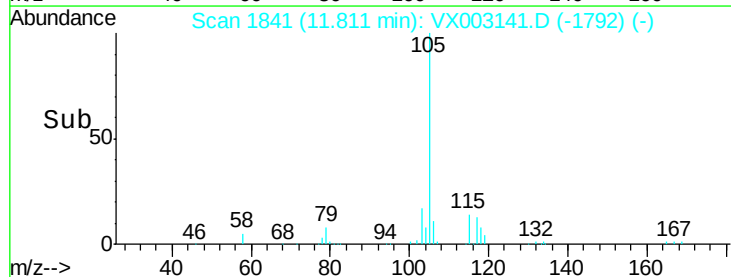
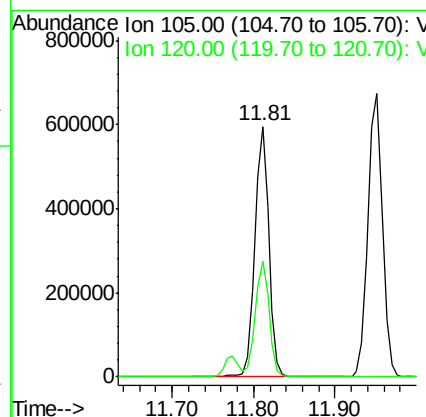
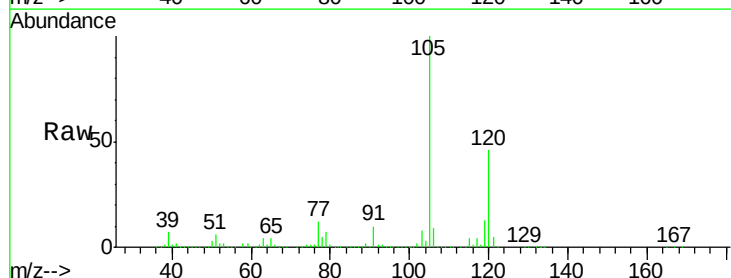
Manual Integrations
 APPROVED

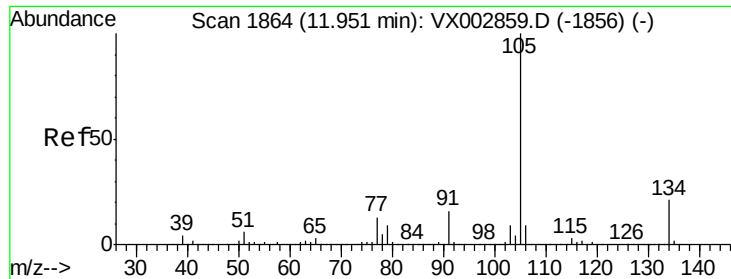
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.311 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 50.754 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 814139

Ion Ratio Lower Upper

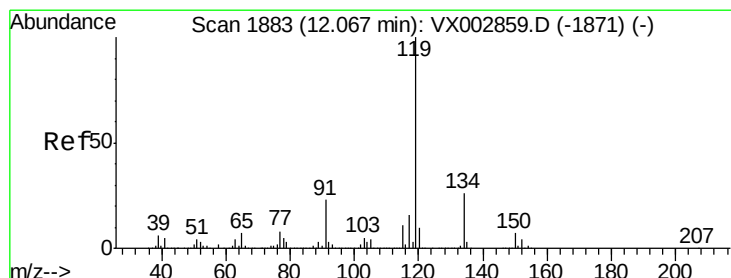
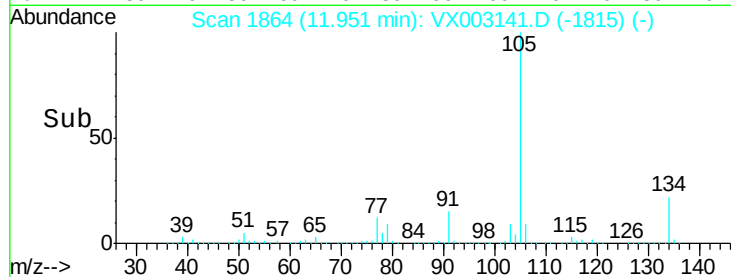
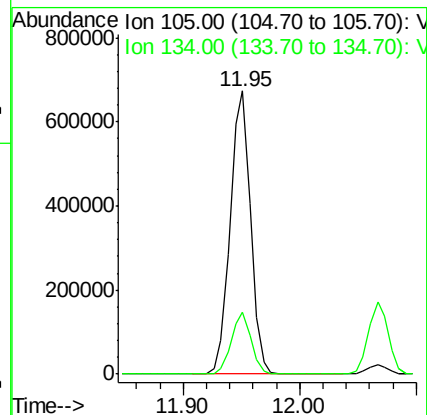
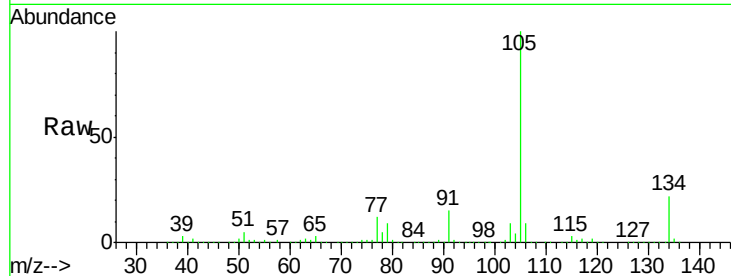
105 100

134 21.2 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.096 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

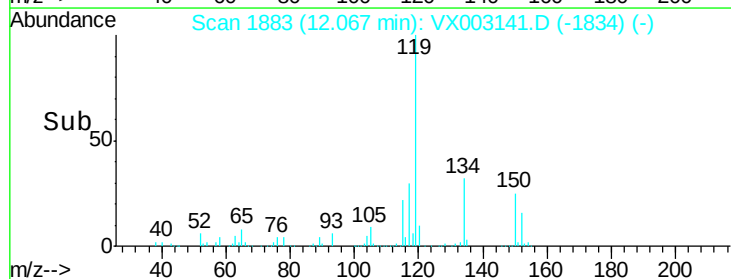
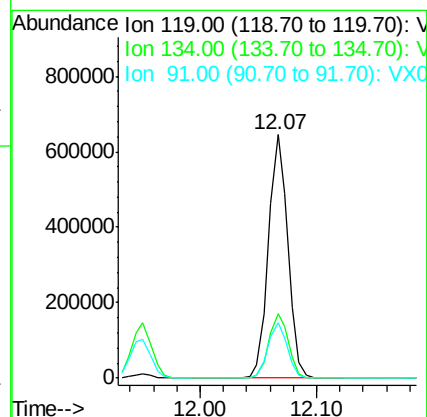
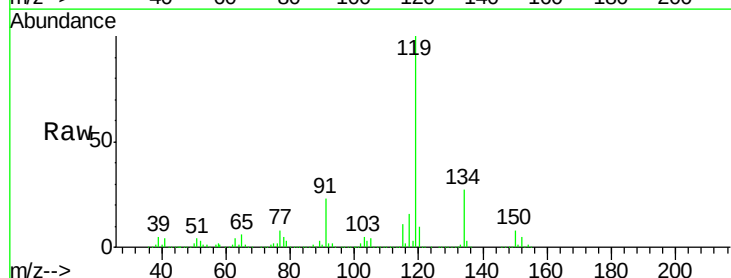
Tgt Ion:119 Resp: 751302

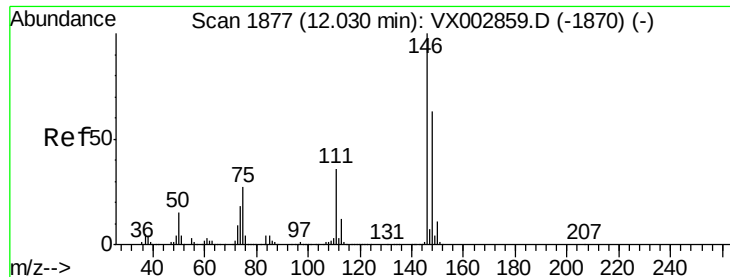
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.7 11.9 35.7





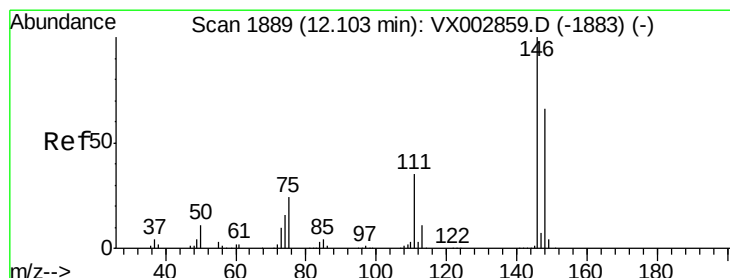
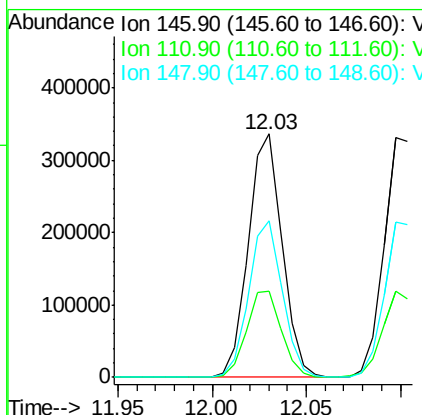
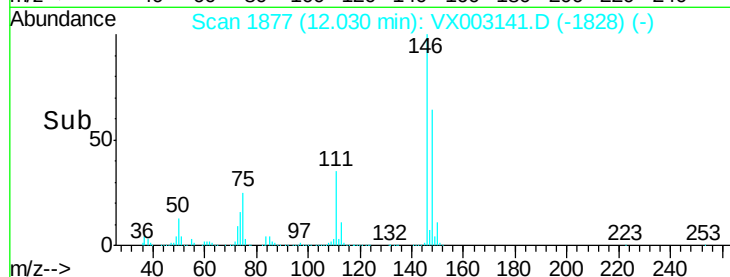
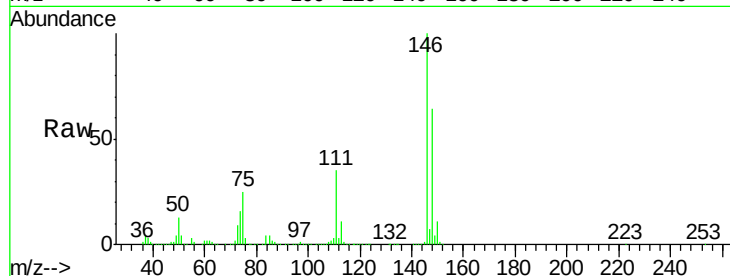
#87
 1,3-Dichlorobenzene
 Concen: 50.553 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	63.8	32.1	96.3

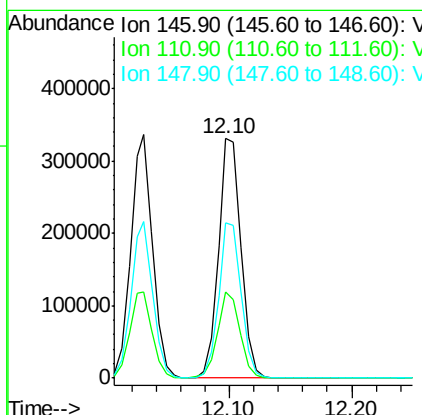
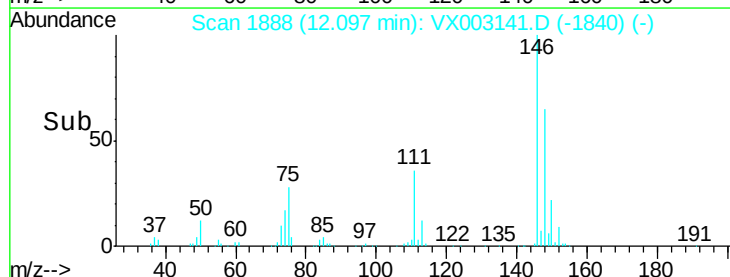
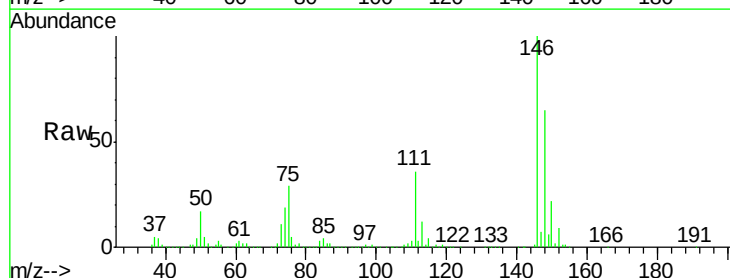
Manual Integrations
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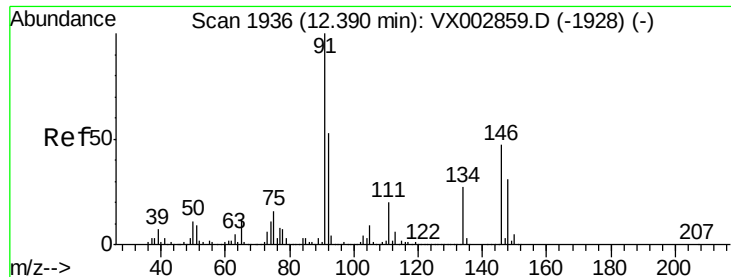
sam
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#88
 1,4-Dichlorobenzene
 Concen: 49.769 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.7	56.1
148	64.8	32.4	97.0





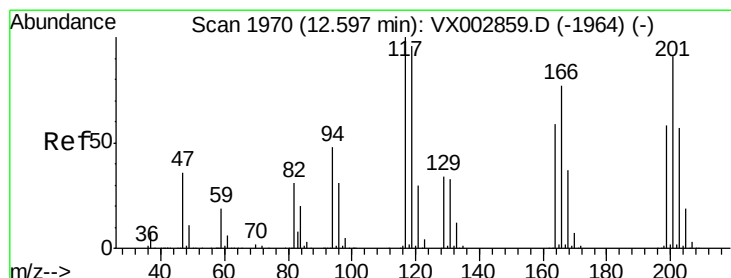
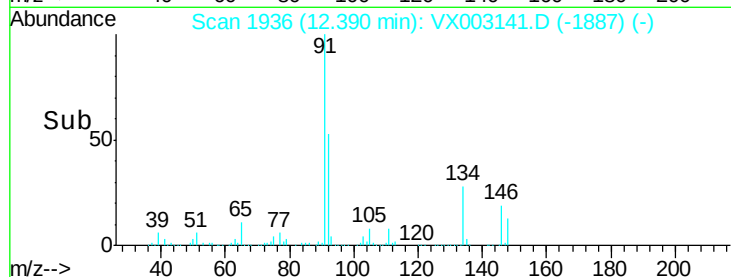
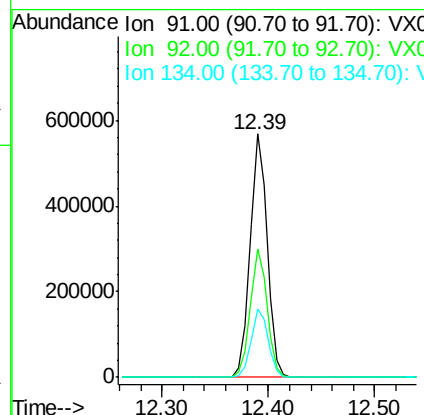
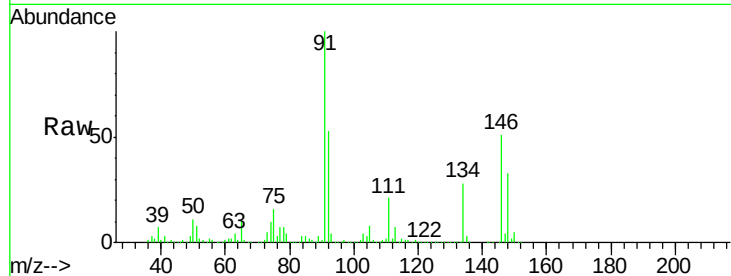
#89
n-Butylbenzene
Concen: 51.076 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	641126		
92	52.1	26.0	78.0	
134	28.2	13.5	40.5	

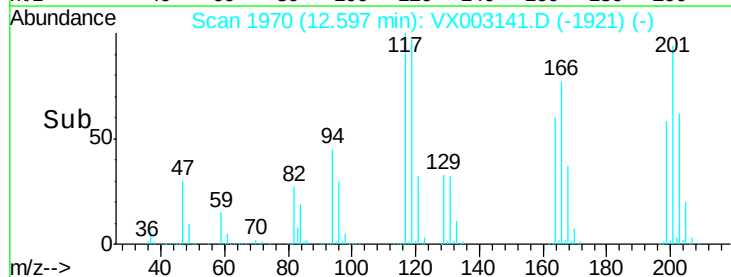
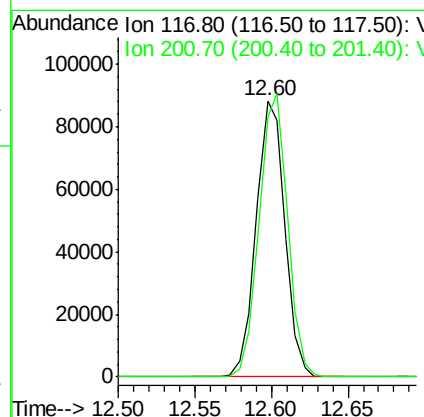
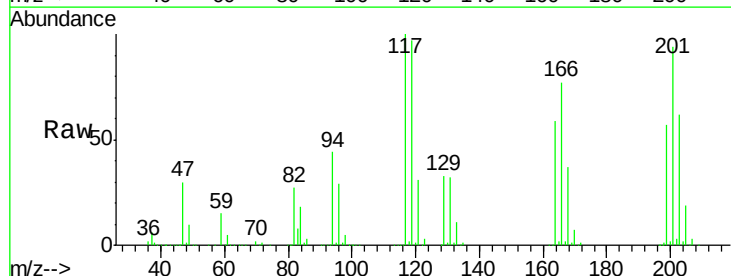
Manual Integrations
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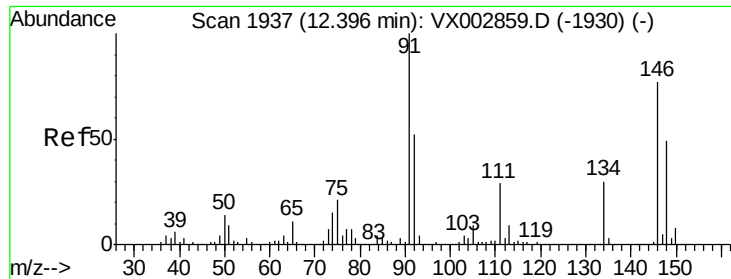
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#90
Hexachloroethane
Concen: 53.609 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114995		
201	101.9	49.0	147.0	





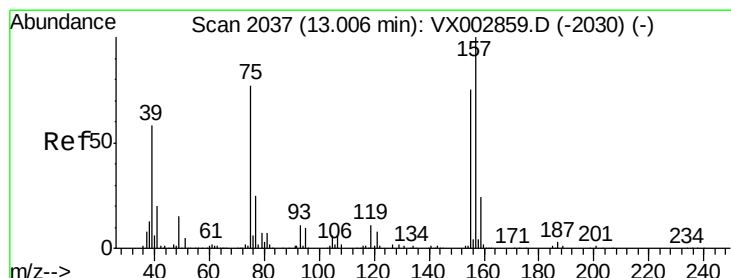
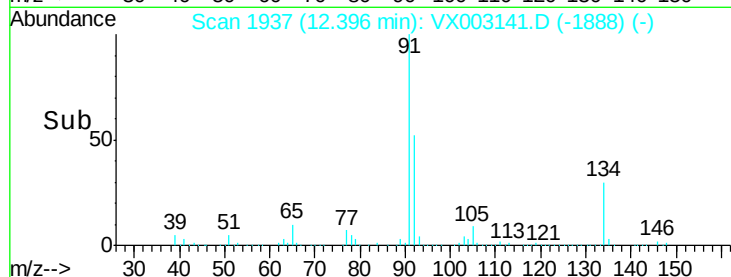
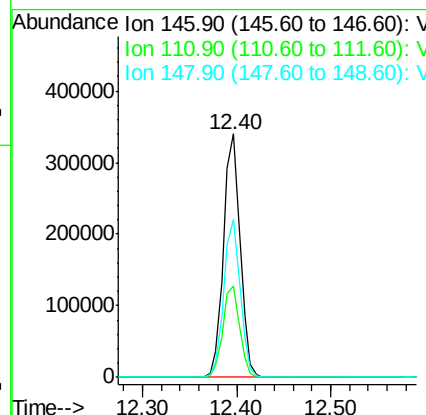
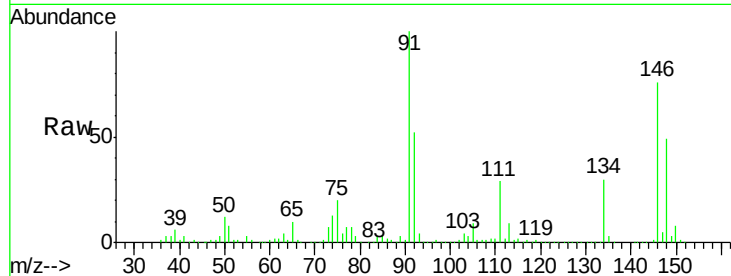
#91
1,2-Dichlorobenzene
Concen: 50.041 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.1
148	64.3	31.7	95.1

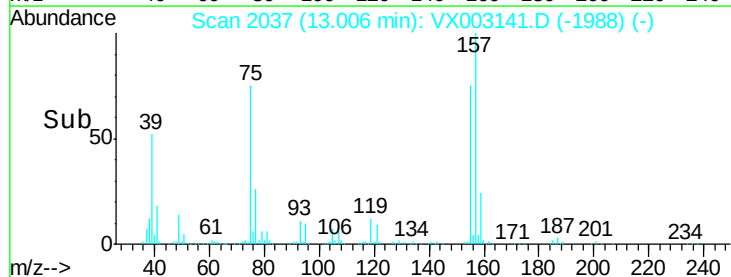
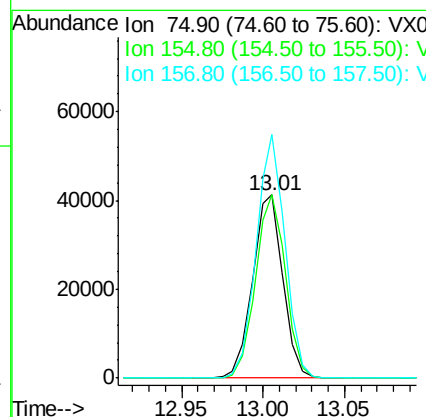
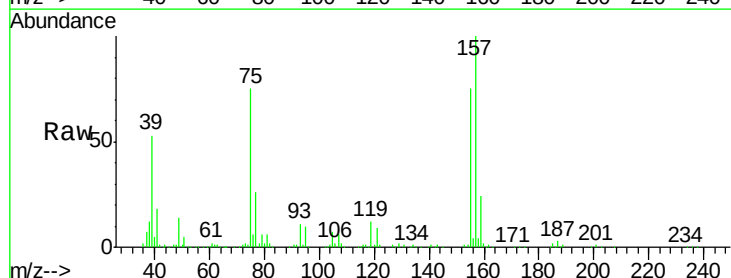
Manual Integrations
APPROVED

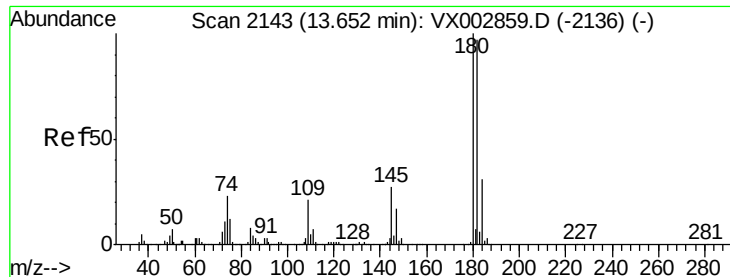
sam
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#92
1,2-Dibromo-3-Chloropropane
Concen: 48.191 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	45.8	137.4
157	125.9	60.1	180.3





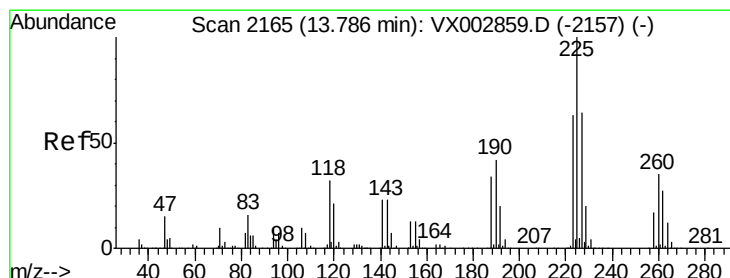
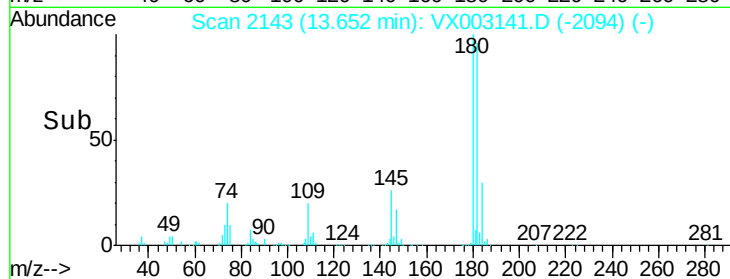
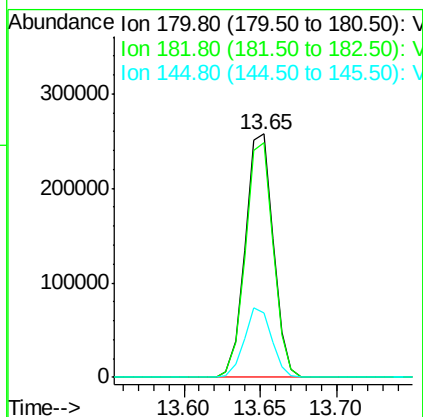
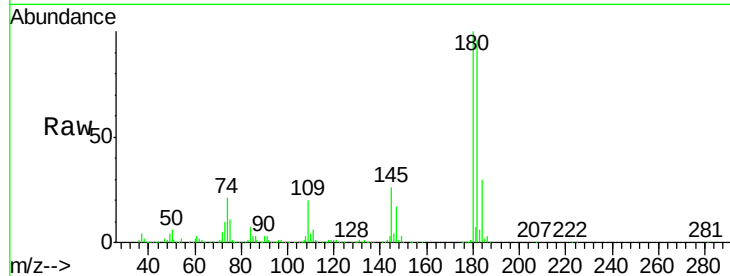
#93
 1,2,4-Trichlorobenzene
 Concen: 53.740 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.7	143.1
145	27.7	14.1	42.4

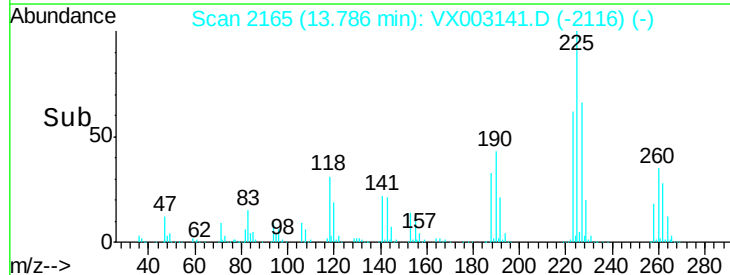
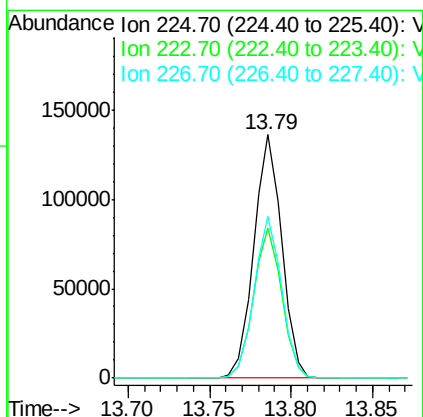
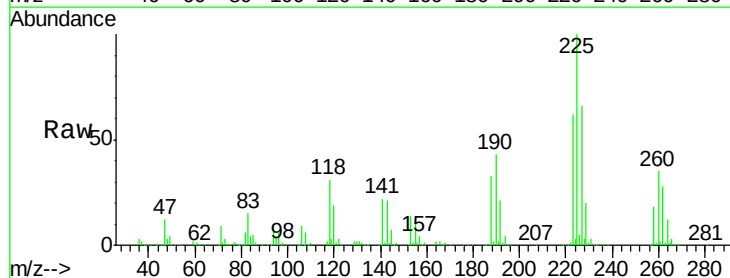
Manual Integrations
 APPROVED

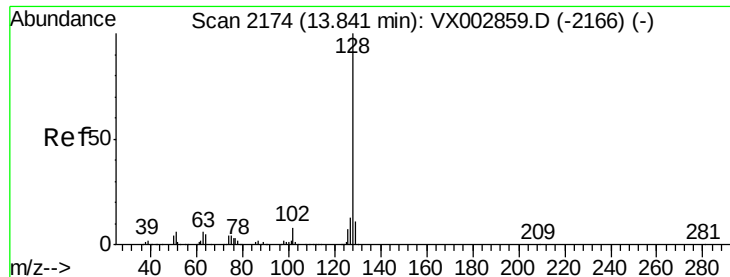
sam
 7/5/2018 2:28:48 PM



#94
 Hexachlorobutadiene
 Concen: 53.490 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	95.0
227	65.6	32.4	97.2





#95

Naphthalene

Concen: 53.731 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

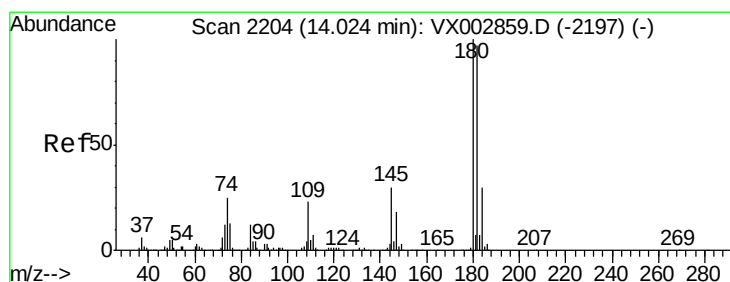
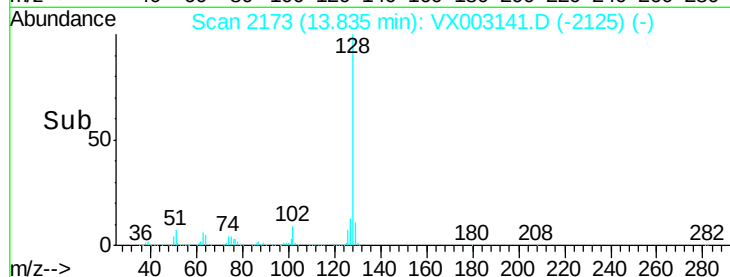
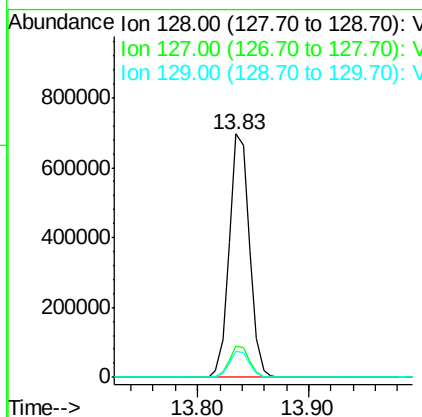
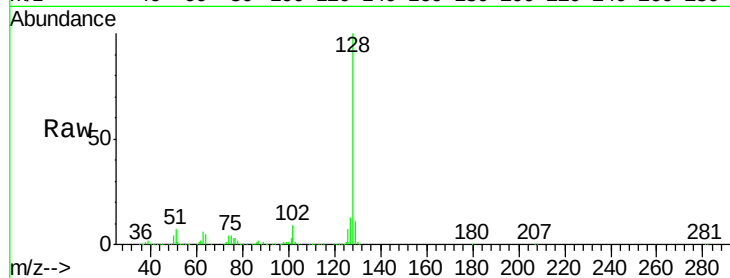
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	870956
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

sam
7/5/2018 2:28:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.628 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion:	180	Resp:	325995
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	29.1	14.8	44.3

