

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005378.D
 Acq On : 17 Oct 2018 08:07
 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

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 10/19/2018 12:23:05 PM

Quant Time: Oct 17 16:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	172522	50.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.50	113	142628	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	553340	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	11.13	95	211042	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	117646	48.58	ug/l	97
3) Chloromethane	1.32	50	154097	43.92	ug/l	100
4) Vinyl Chloride	1.41	62	160848	45.25	ug/l	98
5) Bromomethane	1.64	94	100601	50.11	ug/l	100
6) Chloroethane	1.71	64	97732	46.22	ug/l	97
7) Trichlorofluoromethane	1.92	101	233039	49.13	ug/l	94
8) Diethyl Ether	2.19	74	94183	46.50	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140653	51.37	ug/l	95
10) Methyl Iodide	2.51	142	171444	56.76	ug/l	99
11) Tert butyl alcohol	3.07	59	222944	229.92	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129070	47.58	ug/l	97
13) Acrolein	2.29	56	113042	182.10	ug/l	97
14) Allyl chloride	2.73	41	279751	46.97	ug/l	97
15) Acrylonitrile	3.15	53	495962	225.71	ug/l	98
16) Acetone	2.45	43	482544	242.79	ug/l	97
17) Carbon Disulfide	2.57	76	367585	44.73	ug/l	99
18) Methyl Acetate	2.78	43	267622	47.33	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	473086	49.52	ug/l	98
20) Methylene Chloride	2.85	84	148098	51.17	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140369	46.69	ug/l	97
22) Diisopropyl ether	3.87	45	513199	51.30	ug/l	93
23) Vinyl Acetate	3.82	43	2252464	257.62	ug/l	96
24) 1,1-Dichloroethane	3.70	63	276737	48.27	ug/l	98
25) 2-Butanone	4.70	43	665957	229.01	ug/l	95
26) 2,2-Dichloropropane	4.58	77	212808	49.63	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	150036	45.92	ug/l	96
28) Bromochloromethane	5.01	49	130191	49.81	ug/l	97
29) Tetrahydrofuran	5.15	42	413492	222.92	ug/l	94
30) Chloroform	5.21	83	251158	47.20	ug/l	98
31) Cyclohexane	5.57	56	222585	47.11	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	222441	48.04	ug/l	99
36) 1,1-Dichloropropene	5.79	75	191650	46.48	ug/l	99
37) Ethyl Acetate	4.85	43	232089	43.77	ug/l	99
38) Carbon Tetrachloride	5.78	117	199411	48.14	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230565	51.67	ug/l	96
40) Benzene	6.14	78	561291	45.38	ug/l	99
41) Methacrylonitrile	5.06	41	132225	46.52	ug/l	96
42) 1,2-Dichloroethane	6.20	62	200484	45.91	ug/l	97
43) Isopropyl Acetate	6.46	43	354649	50.21	ug/l	97
44) Trichloroethene	7.21	130	159064	50.37	ug/l	96
45) 1,2-Dichloropropane	7.51	63	150659	49.66	ug/l	99
46) Dibromomethane	7.66	93	98092	48.99	ug/l	97
47) Bromodichloromethane	7.90	83	191443	51.69	ug/l	99
48) Methyl methacrylate	7.77	41	186880	51.02	ug/l	95
49) 1,4-Dioxane	7.75	88	83619	989.68	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1255206	256.66	ug/l	95
52) Toluene	8.79	92	358736	53.02	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	219890	54.86	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	236556	54.47	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	148830	51.93	ug/l	97
56) Ethyl methacrylate	9.18	69	230166	55.09	ug/l	95
57) 1,3-Dichloropropane	9.37	76	247698	51.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343949	146.79	ug/l	95
59) 2-Hexanone	9.49	43	1031896	262.31	ug/l	94
60) Dibromochloromethane	9.59	129	160793	54.28	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155247	51.62	ug/l	99
64) Tetrachloroethene	9.34	164	166716	51.42	ug/l	99
65) Chlorobenzene	10.14	112	414723	48.41	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	151758	49.71	ug/l	98
67) Ethyl Benzene	10.25	91	707728	50.82	ug/l	97
68) m/p-Xylenes	10.36	106	557086	103.07	ug/l	97
69) o-Xylene	10.70	106	264898	50.82	ug/l	98
70) Styrene	10.71	104	449945	52.48	ug/l	97
71) Bromoform	10.86	173	137582	50.44	ug/l	98
73) Isopropylbenzene	11.02	105	730724	51.91	ug/l	100
74) N-amyl acetate	10.90	43	335747	49.46	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	244262	46.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	266285m	57.98	ug/l	
77) Bromobenzene	11.26	156	199091	49.47	ug/l	99
78) n-propylbenzene	11.36	91	848486	52.38	ug/l	100
79) 2-Chlorotoluene	11.42	91	497533	50.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	631381	52.38	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	75816	50.16	ug/l	95
82) 4-Chlorotoluene	11.51	91	595579	50.65	ug/l	100
83) tert-Butylbenzene	11.77	119	628788	51.51	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	651829	52.55	ug/l	98
85) sec-Butylbenzene	11.94	105	764578	52.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	705906	54.07	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	377378	50.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380977	49.52	ug/l	99
89) n-Butylbenzene	12.39	91	634423	53.52	ug/l	98
90) Hexachloroethane	12.60	117	112708	50.09	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	374882	48.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59469	45.91	ug/l	98

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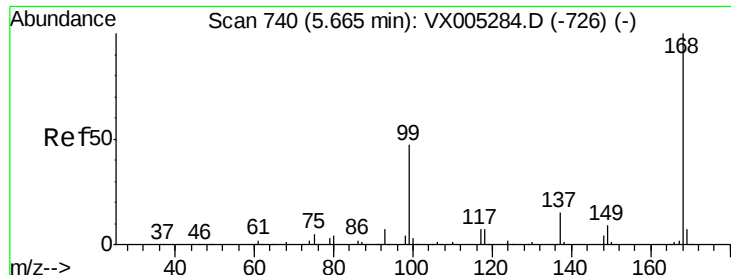
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	299243	53.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	155964	52.45	ug/l	97
95) Naphthalene	13.83	128	873196	53.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298476	51.81	ug/l	99

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



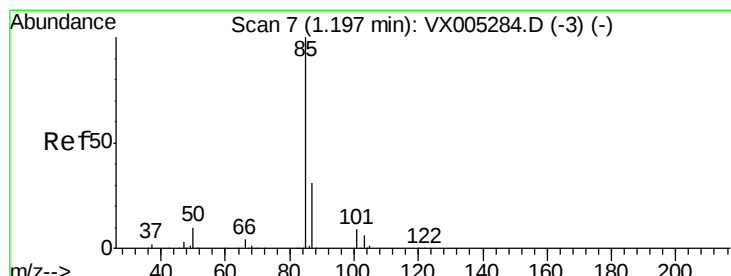
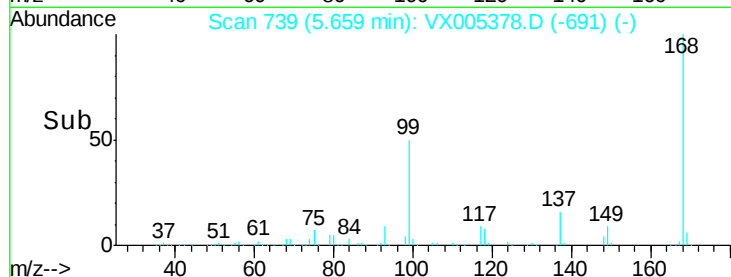
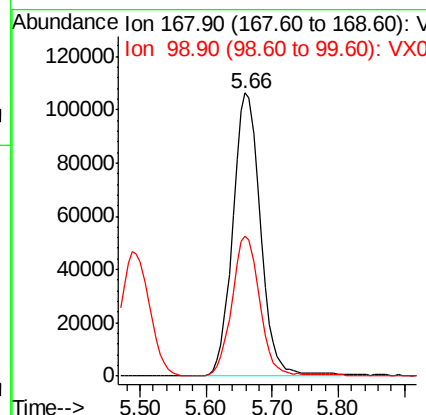
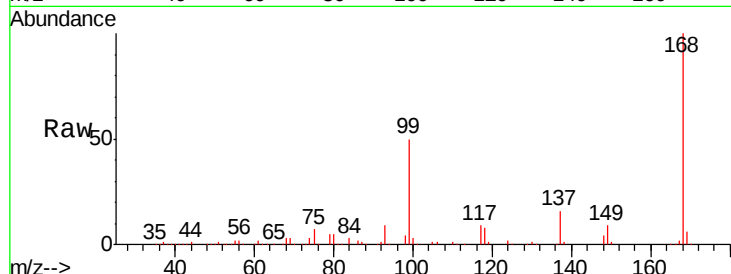
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.9	59.9

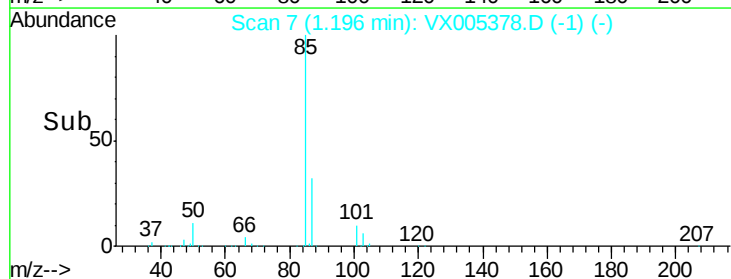
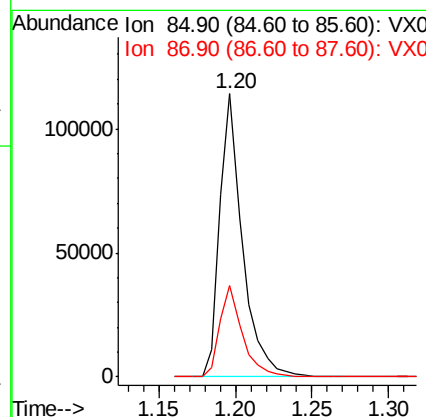
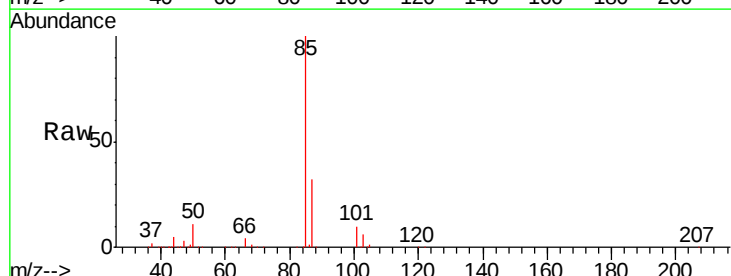
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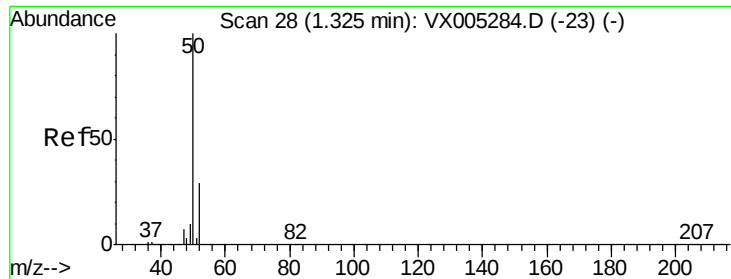
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#2
Dichlorodifluoromethane
Concen: 48.58 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	17.0	50.9





#3

Chloromethane

Concen: 43.92 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 154097

Ion Ratio Lower Upper

50 100

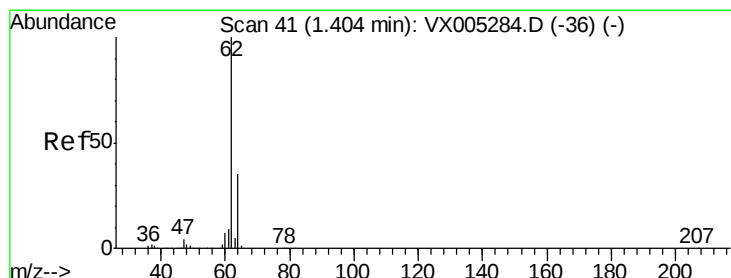
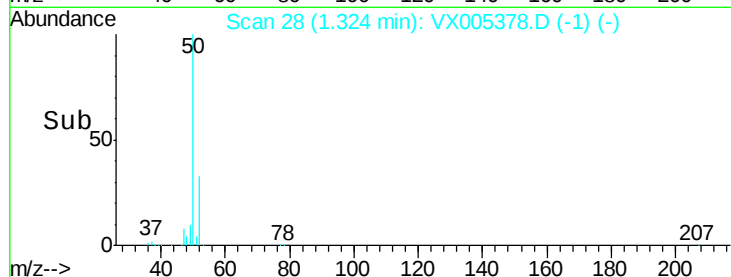
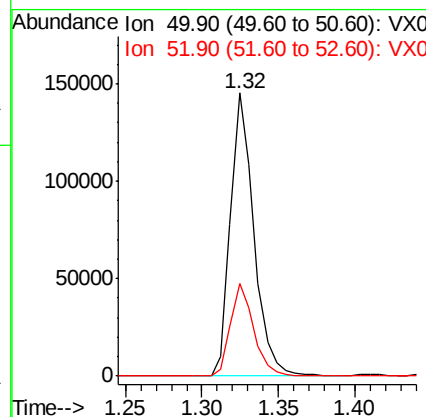
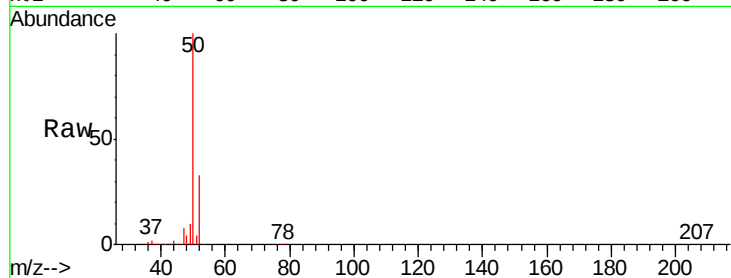
52 32.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.25 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005378.D

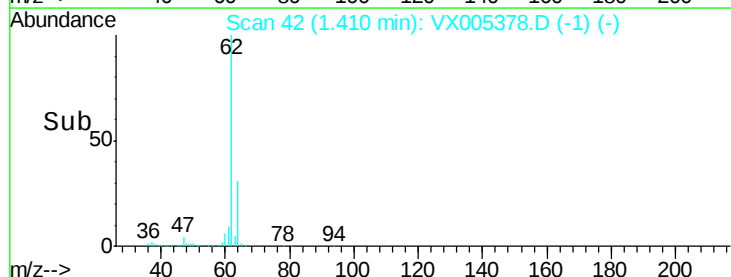
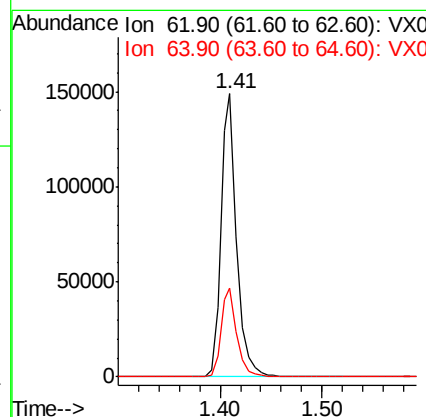
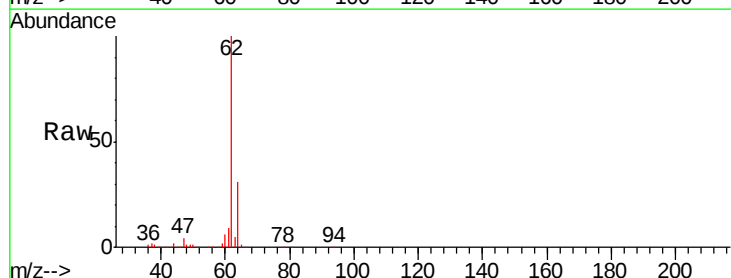
Acq: 17 Oct 2018 08:07

Tgt Ion: 62 Resp: 160848

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 50.11 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 100601

Ion Ratio Lower Upper

94 100

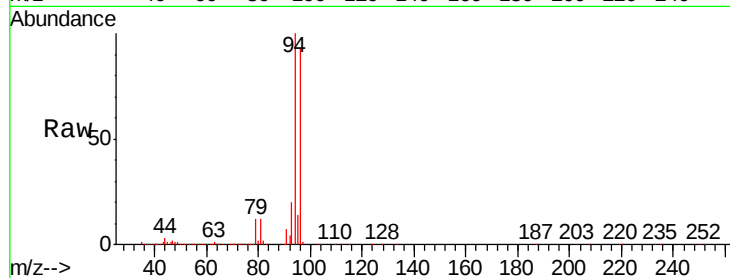
96 92.9 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

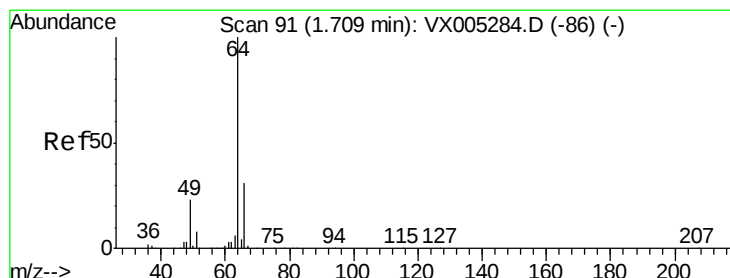
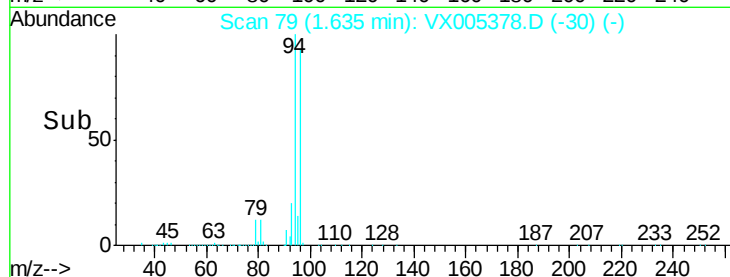
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.22 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005378.D

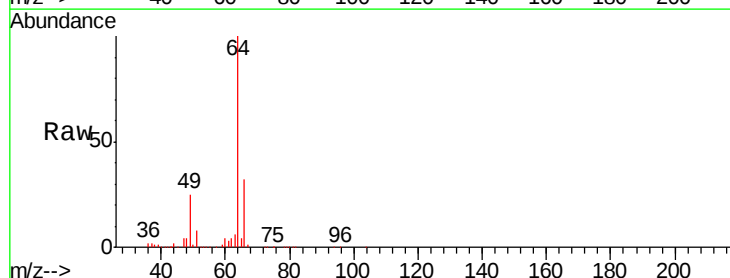
Acq: 17 Oct 2018 08:07

Tgt Ion: 64 Resp: 97732

Ion Ratio Lower Upper

64 100

66 32.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

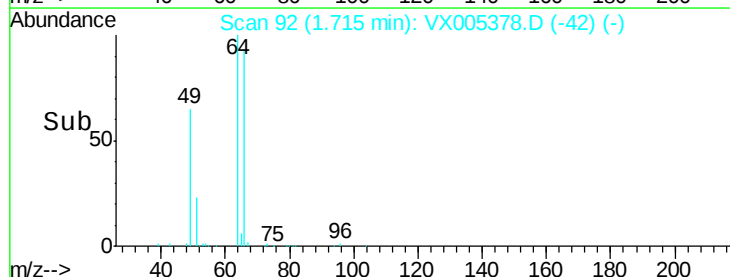
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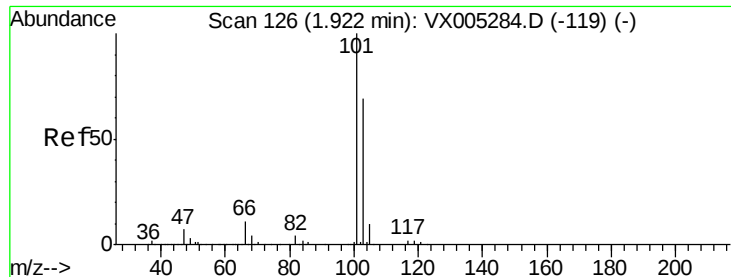
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#7

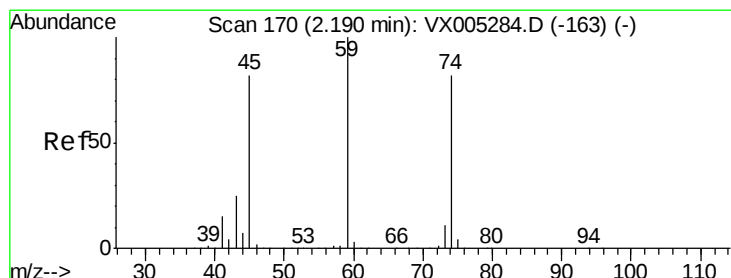
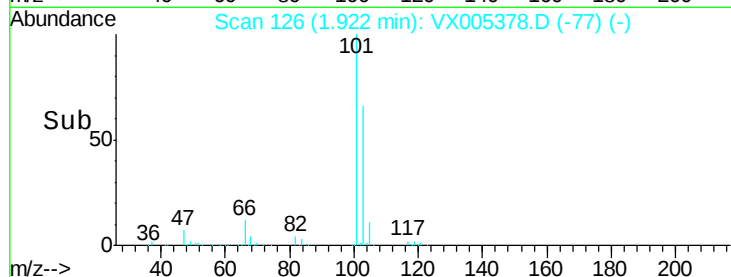
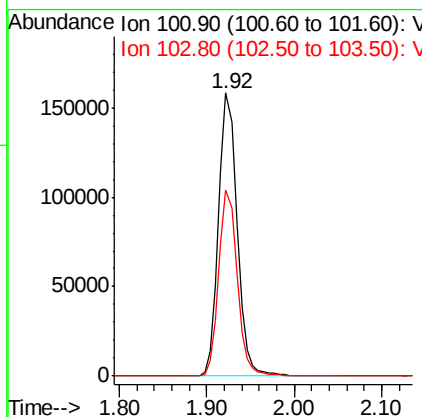
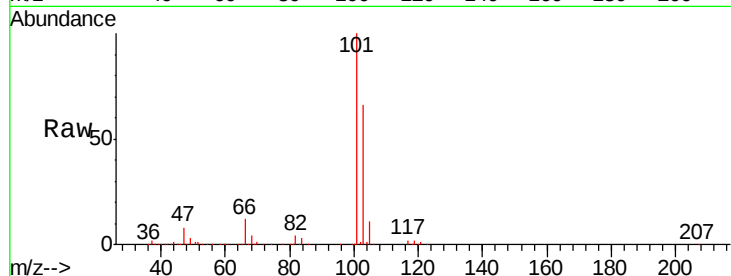
Trichlorofluoromethane
 Concen: 49.13 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.8	48.9	73.3

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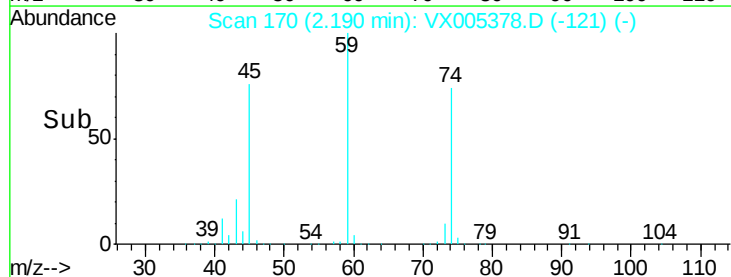
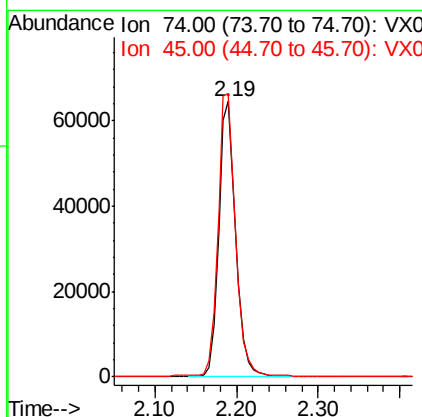
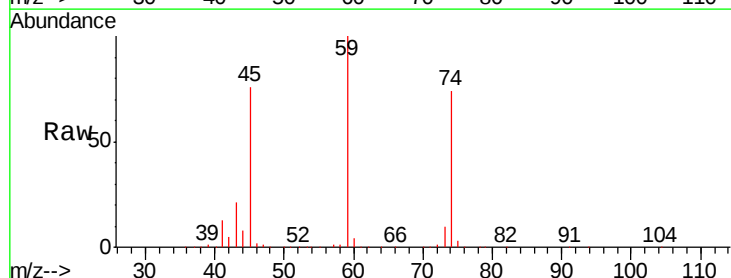
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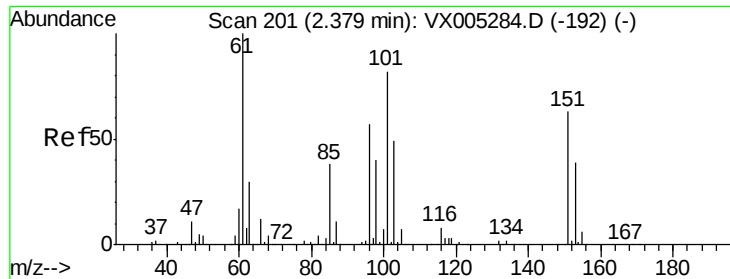


#8

Diethyl Ether
 Concen: 46.50 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.37 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

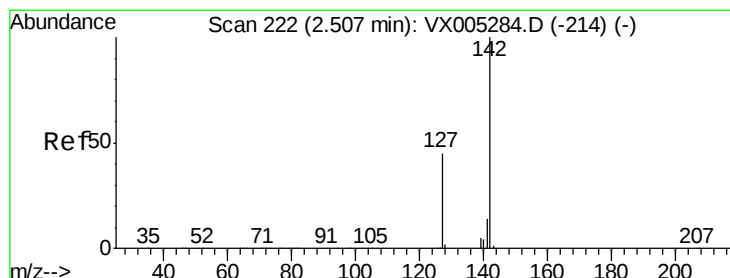
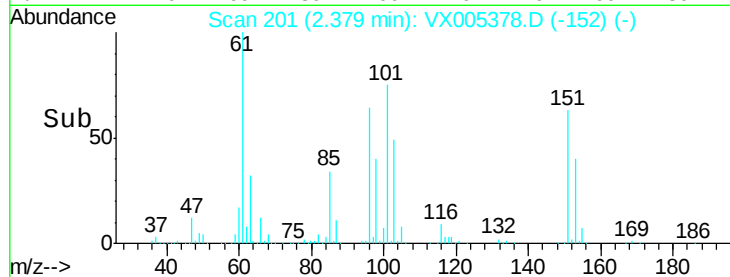
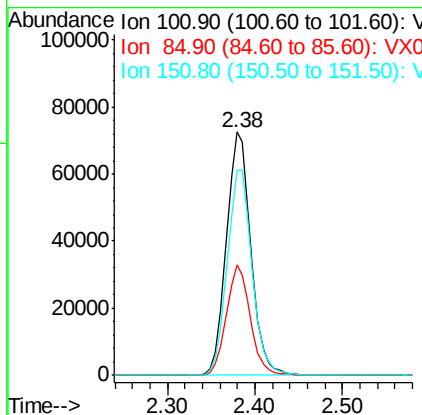
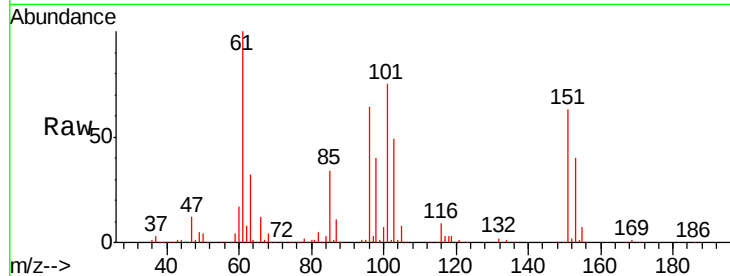
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	140653
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.2	51.4
151	86.3	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 56.76 ug/l

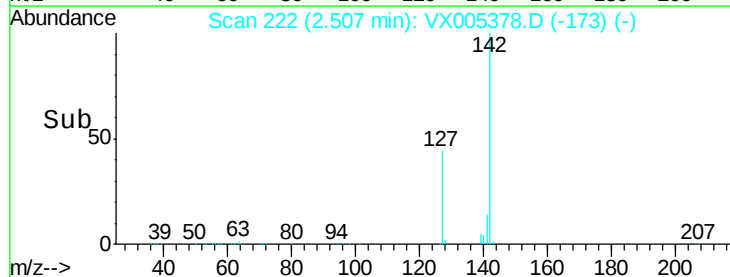
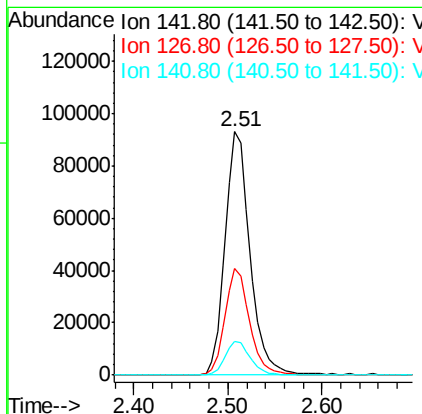
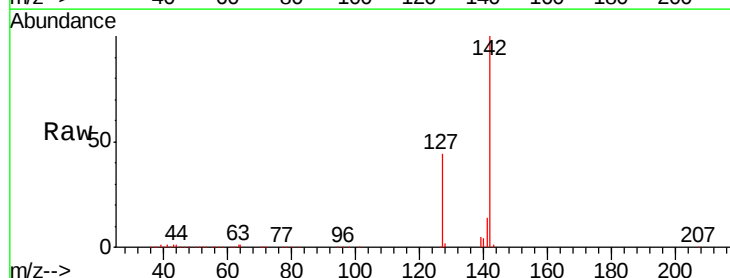
RT: 2.51 min Scan# 222

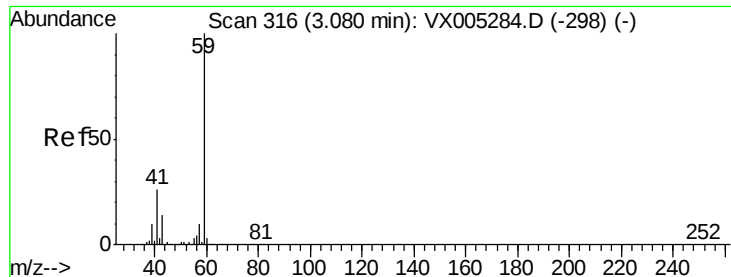
Delta R.T. 0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	142	Resp:	171444
Ion Ratio	Lower	Upper	
142	100		
127	43.1	33.8	50.6
141	14.2	11.4	17.0





#11

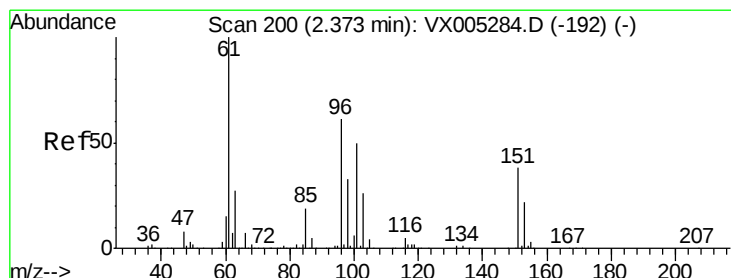
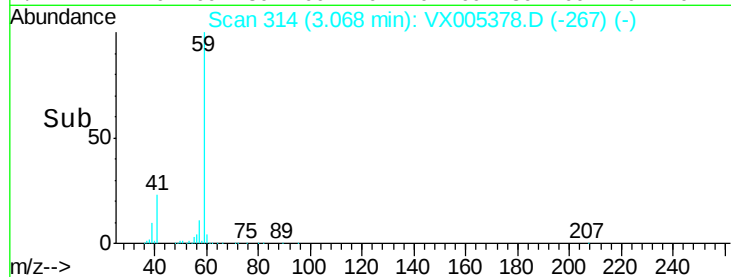
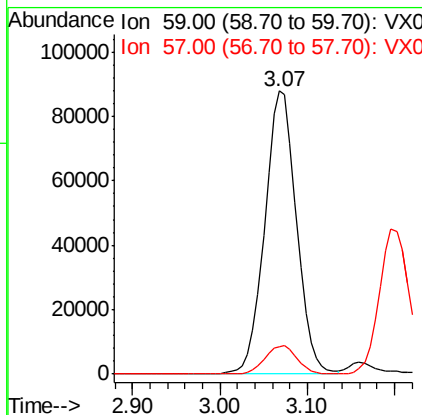
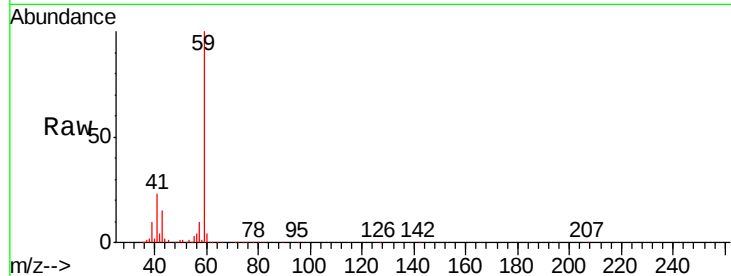
Tert butyl alcohol
Concen: 229.92 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 222944
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

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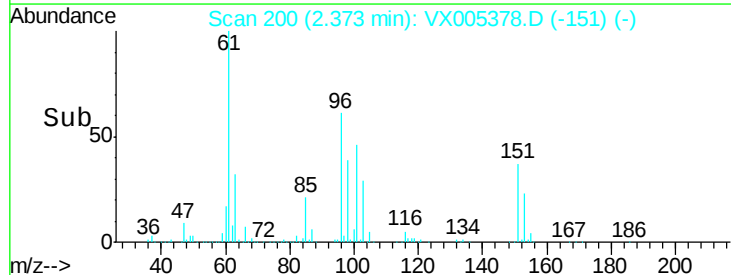
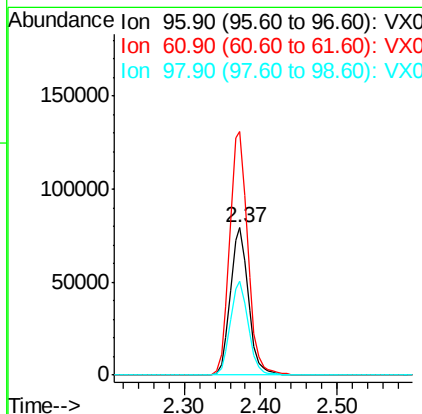
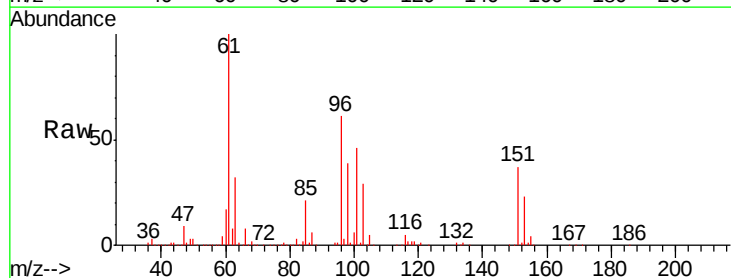
MMDadoda
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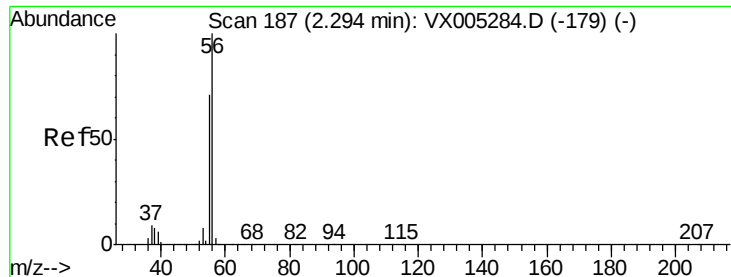


#12

1,1-Dichloroethene
Concen: 47.58 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 96 Resp: 129070
Ion Ratio Lower Upper
96 100
61 165.0 128.8 193.2
98 64.1 52.2 78.2





#13

Acrolein

Concen: 182.10 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 113042

Ion Ratio Lower Upper

56 100

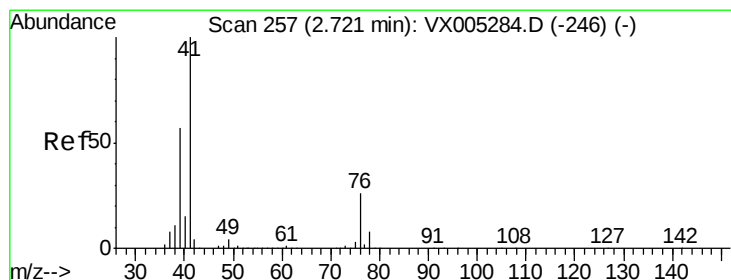
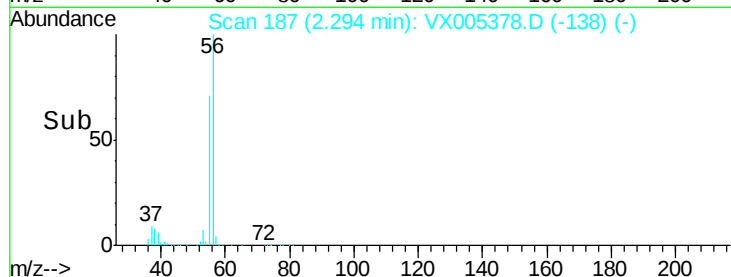
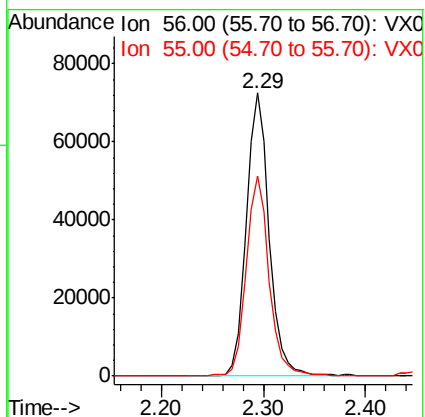
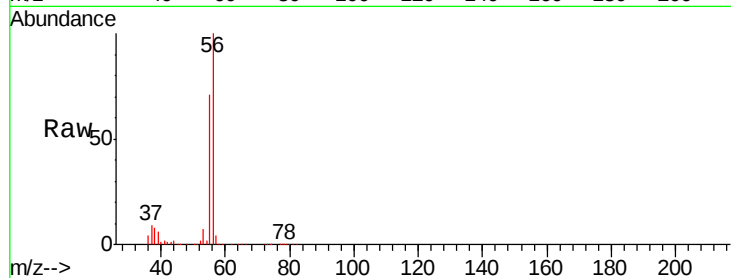
55 70.8 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 46.97 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

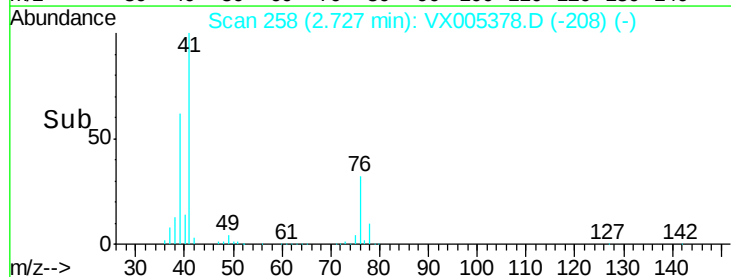
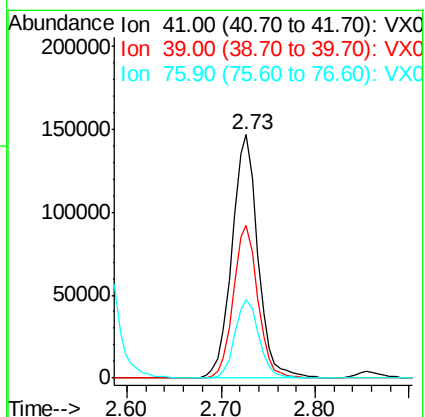
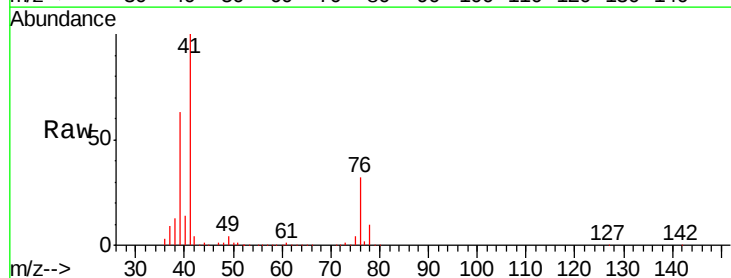
Tgt Ion: 41 Resp: 279751

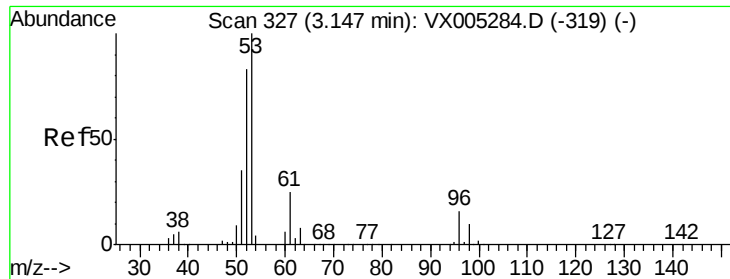
Ion Ratio Lower Upper

41 100

39 59.5 48.9 73.3

76 30.1 26.7 40.1





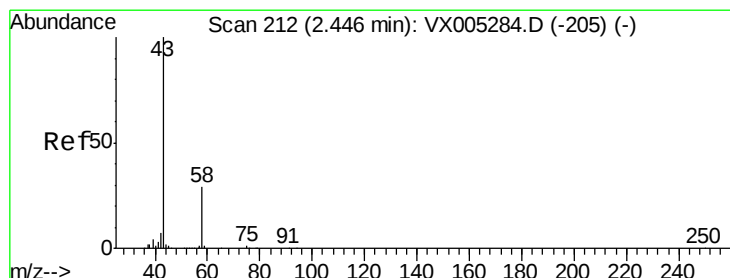
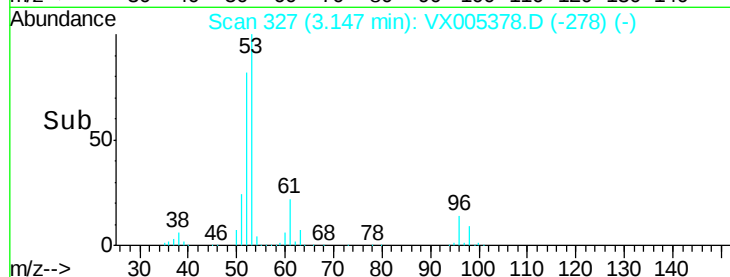
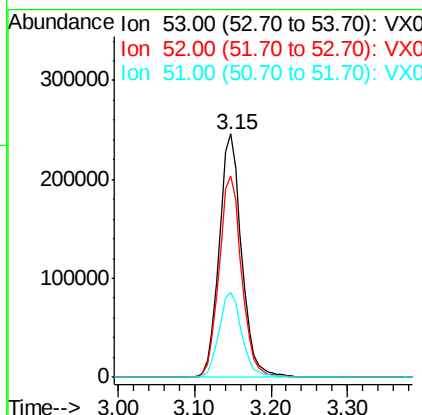
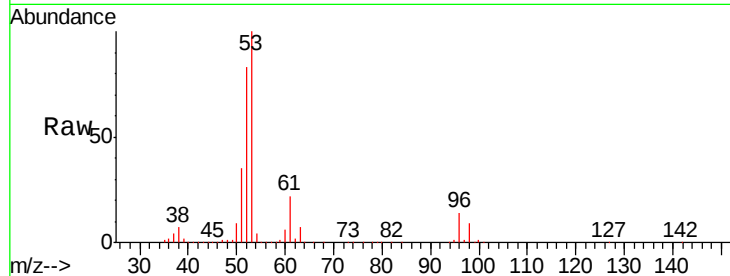
#15
 Acrylonitrile
 Concen: 225.71 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.1	28.2	42.2

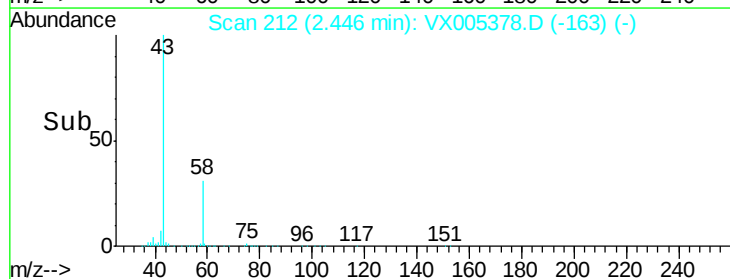
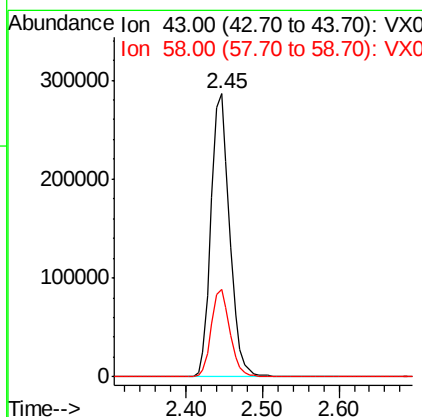
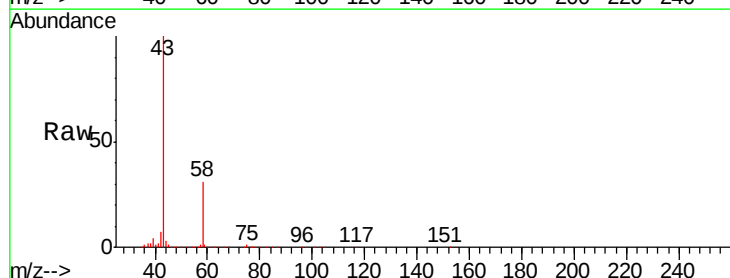
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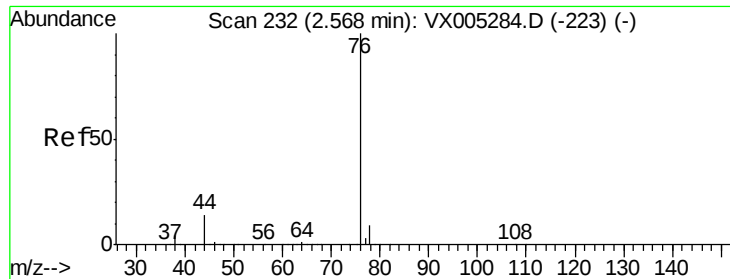
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#16
 Acetone
 Concen: 242.79 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.2	39.4





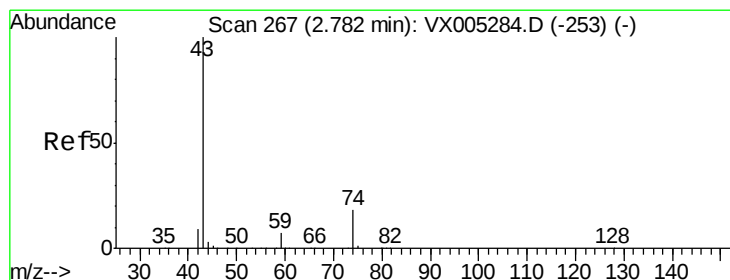
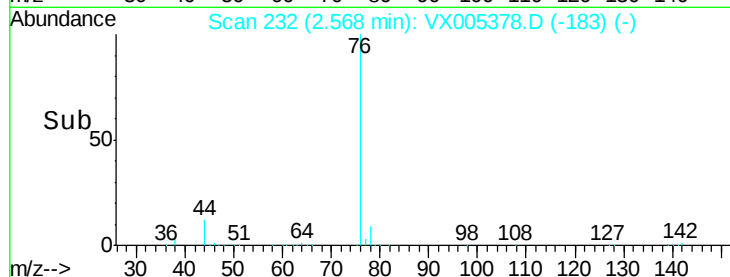
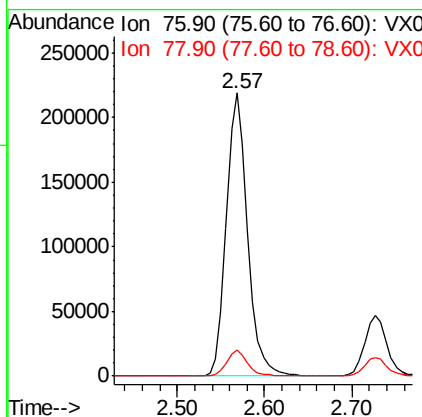
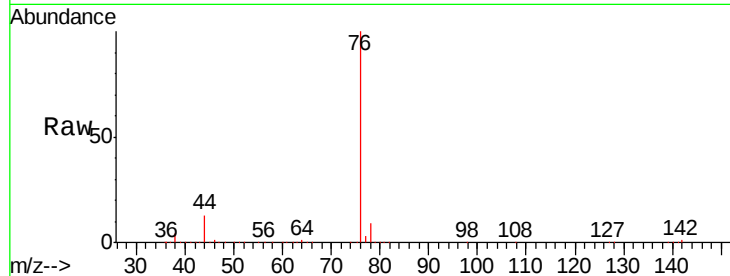
#17
Carbon Disulfide
Concen: 44.73 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 367585
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

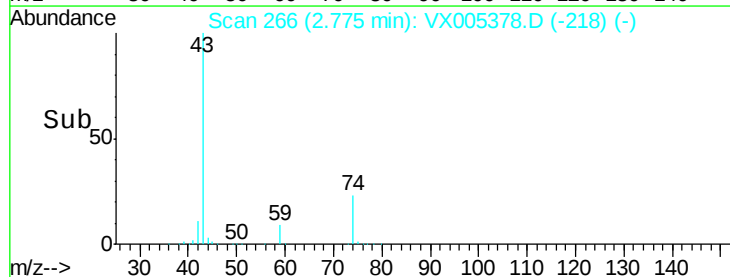
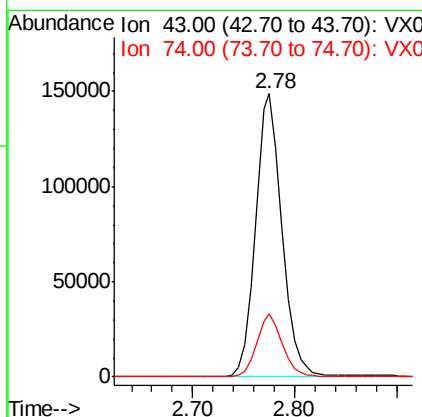
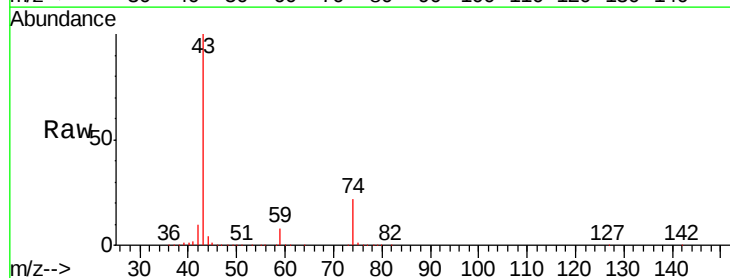
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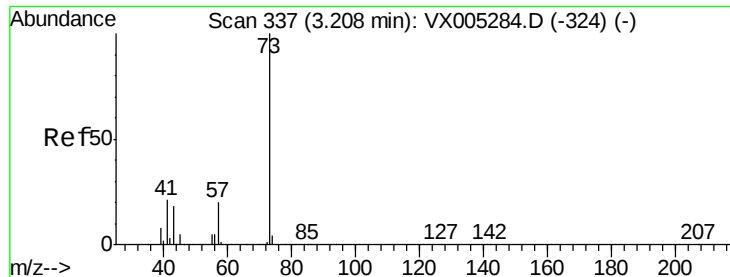
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#18
Methyl Acetate
Concen: 47.33 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 43 Resp: 267622
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





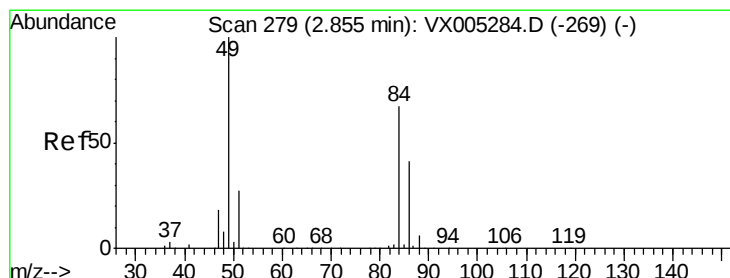
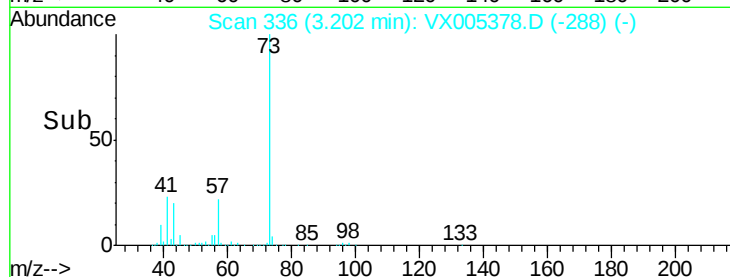
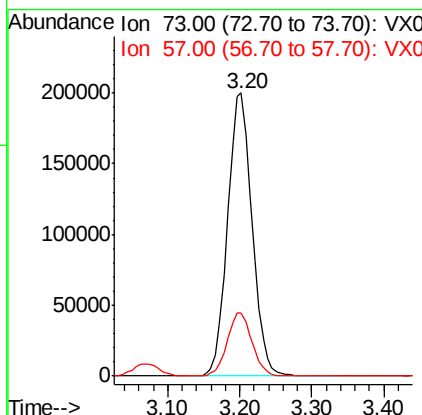
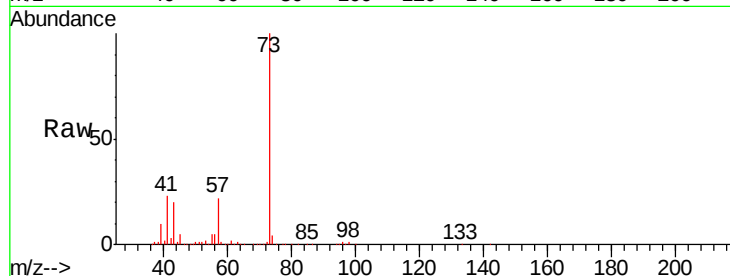
#19
Methyl tert-butyl Ether
Concen: 49.52 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 473086
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7

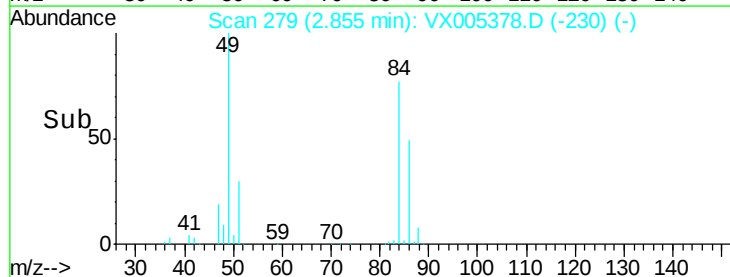
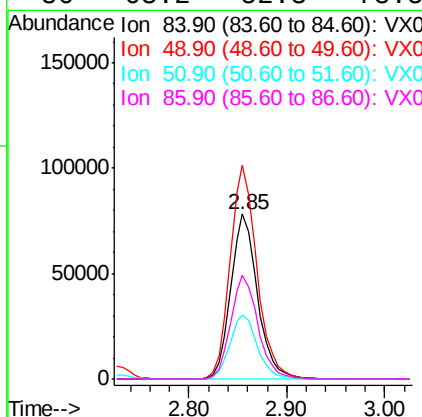
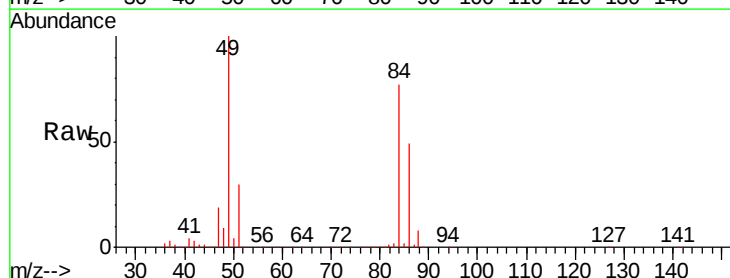
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#20
Methylene Chloride
Concen: 51.17 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 84 Resp: 148098
Ion Ratio Lower Upper
84 100
49 129.8 101.2 151.8
51 39.2 29.5 44.3
86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 46.69 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

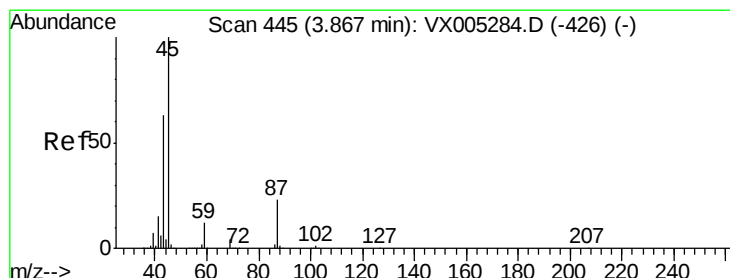
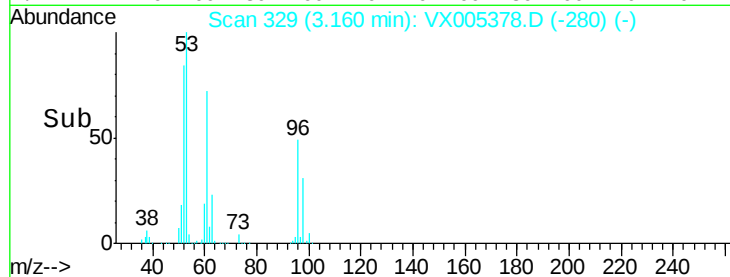
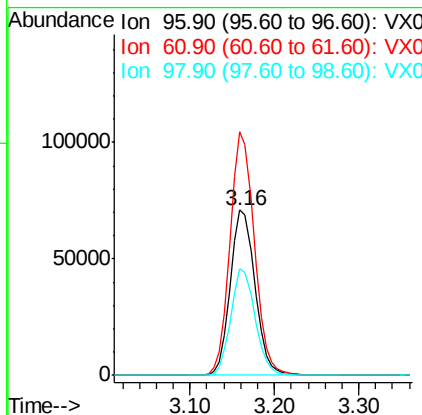
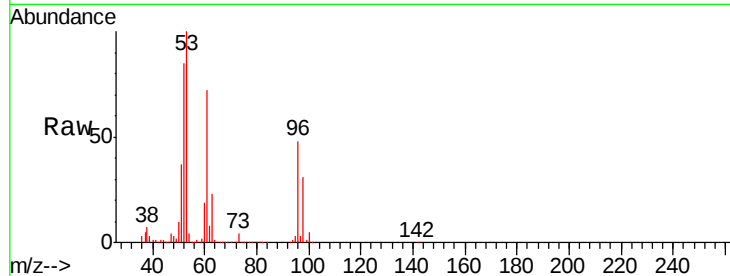
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	140369
Ion	Ratio	Lower	Upper
96	100		
61	147.4	113.8	170.6
98	64.6	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.30 ug/l

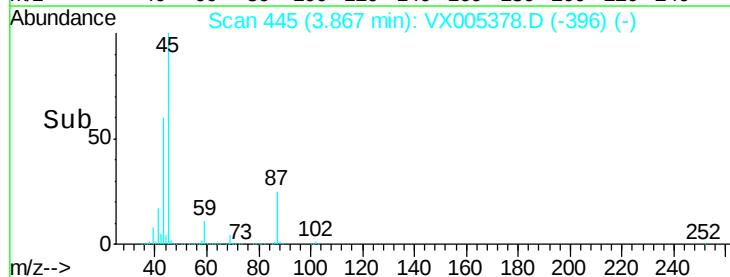
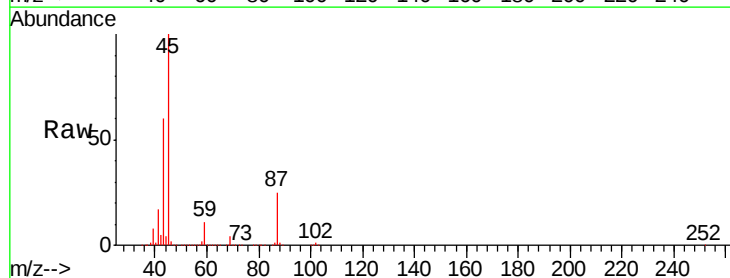
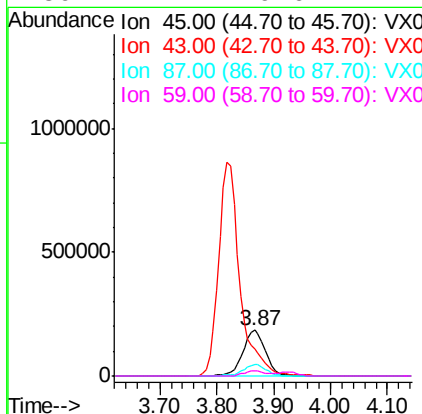
RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	45	Resp:	513199
Ion	Ratio	Lower	Upper
45	100		
43	59.9	42.8	64.2
87	24.9	22.6	34.0
59	11.4	9.6	14.4





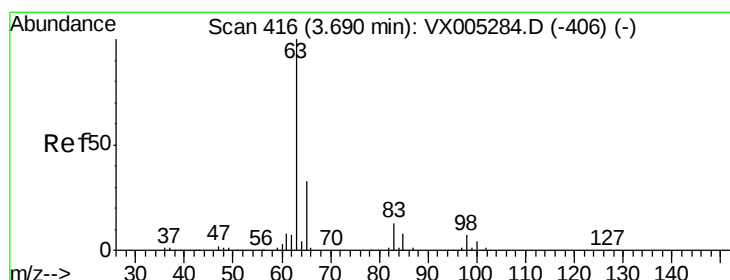
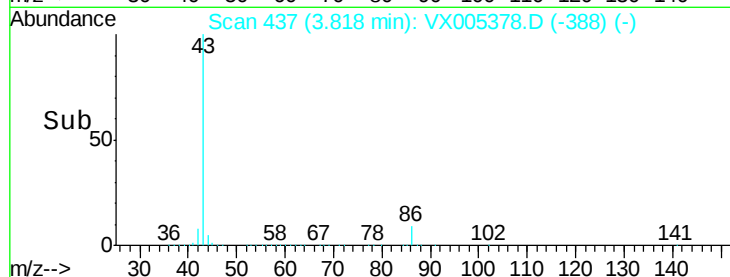
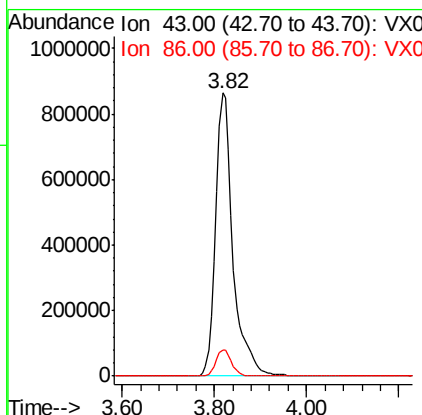
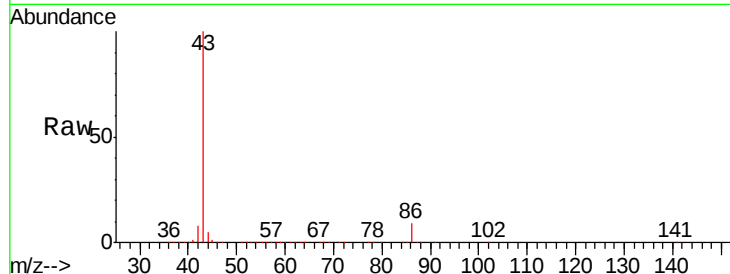
#23
 Vinyl Acetate
 Concen: 257.62 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2252464
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.9 13.3

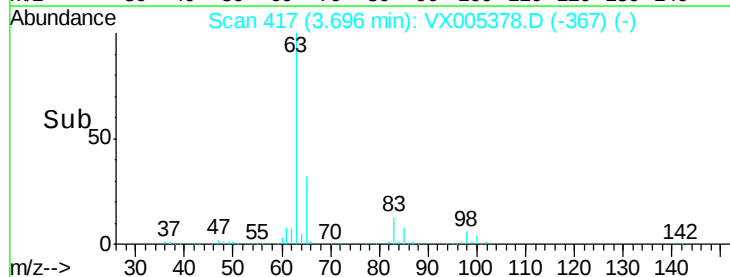
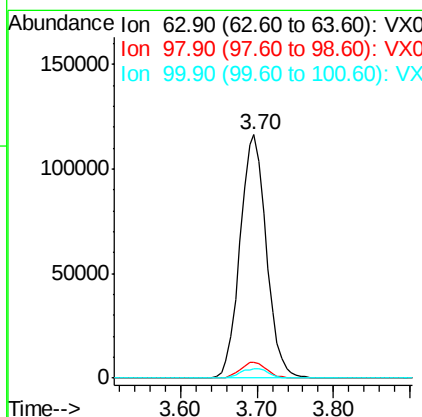
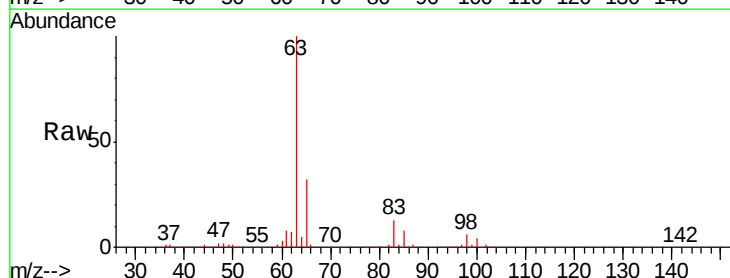
Manual Integrations
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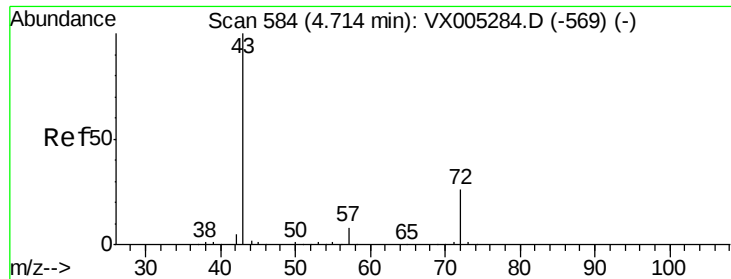
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#24
 1,1-Dichloroethane
 Concen: 48.27 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion: 63 Resp: 276737
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 229.01 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 665957

Ion Ratio Lower Upper

43 100

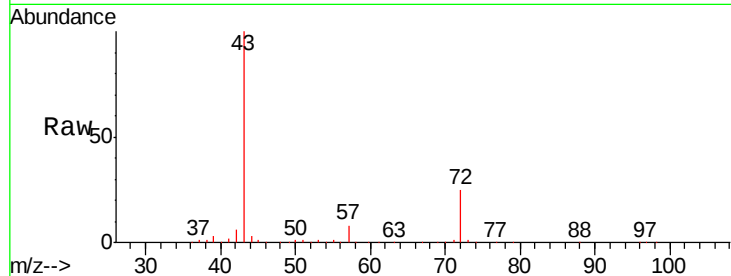
72 24.9 22.0 33.0

Manual Integrations

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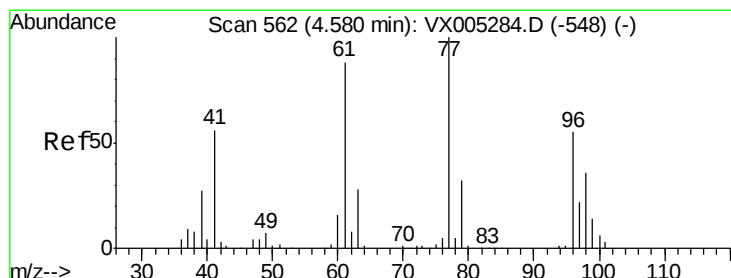
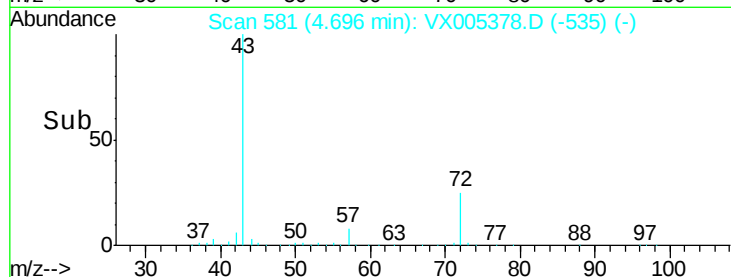
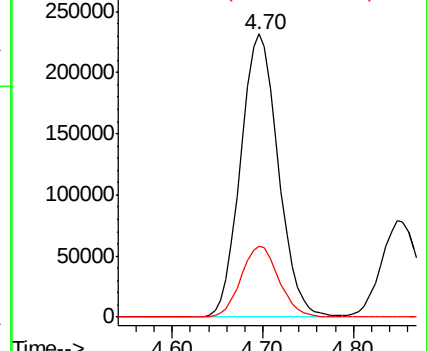
MMDadoda

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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: 49.63 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005378.D

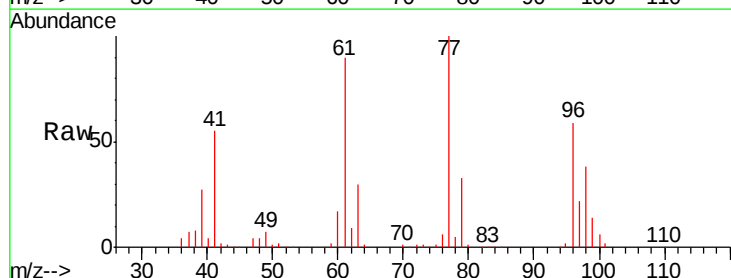
Acq: 17 Oct 2018 08:07

Tgt Ion: 77 Resp: 212808

Ion Ratio Lower Upper

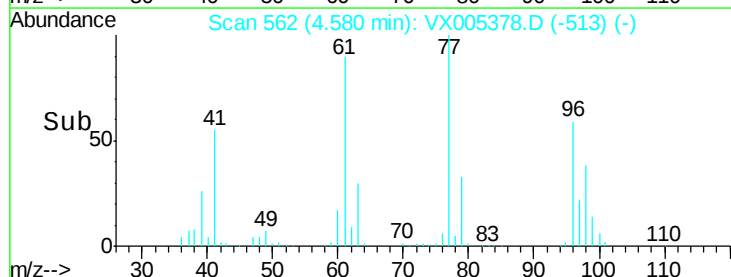
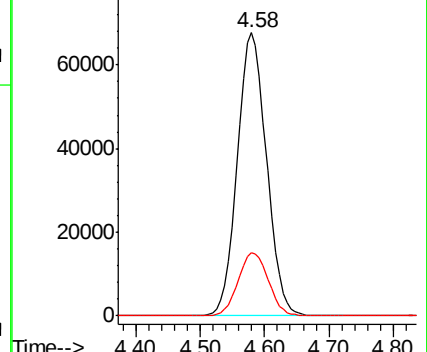
77 100

97 23.1 11.7 35.0



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: 45.92 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

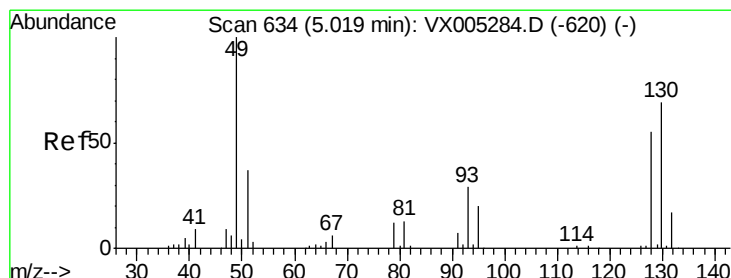
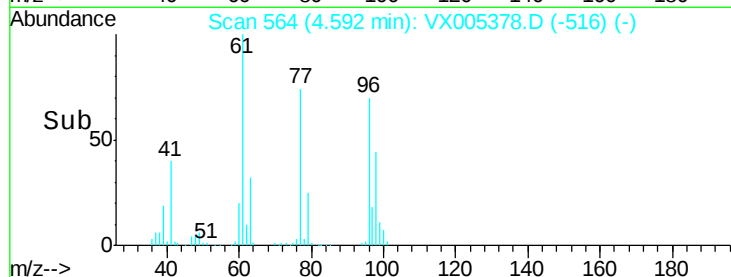
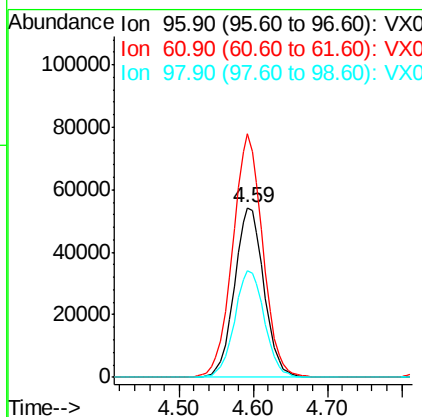
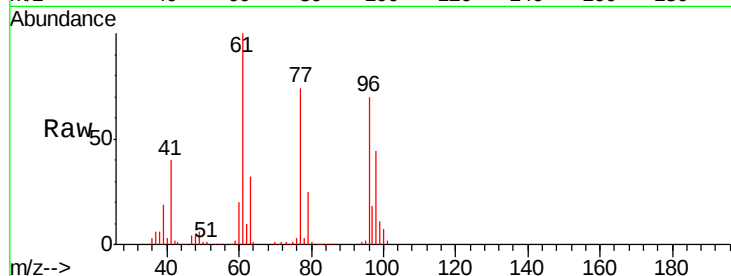
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	150036
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	282.6
98	64.1	0.0	130.2

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#28

Bromochloromethane

Concen: 49.81 ug/l

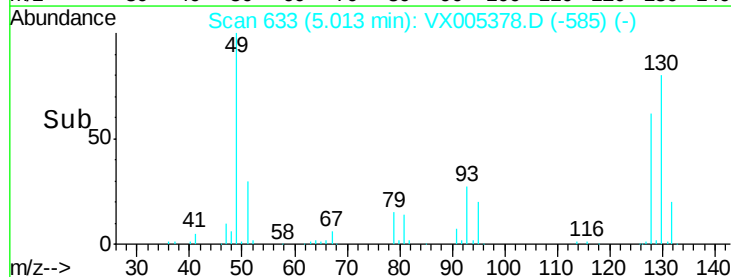
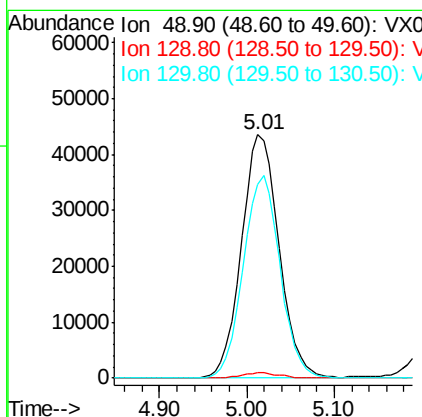
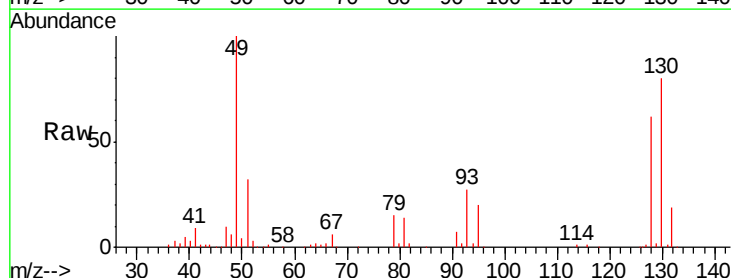
RT: 5.01 min Scan# 633

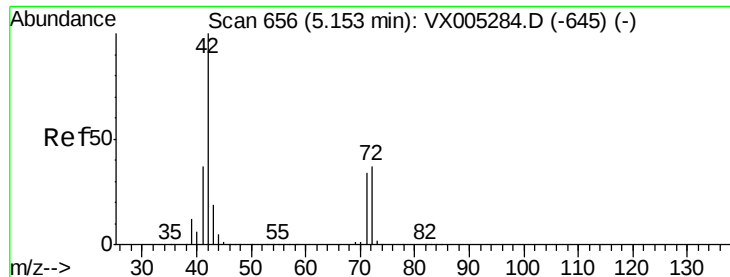
Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	49	Resp:	130191
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.6	67.5	101.3





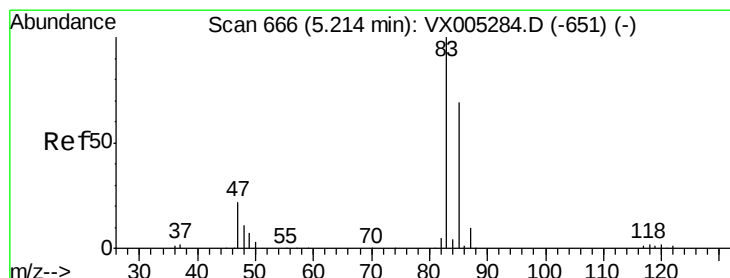
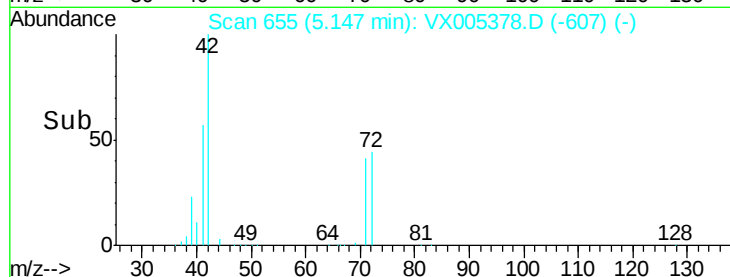
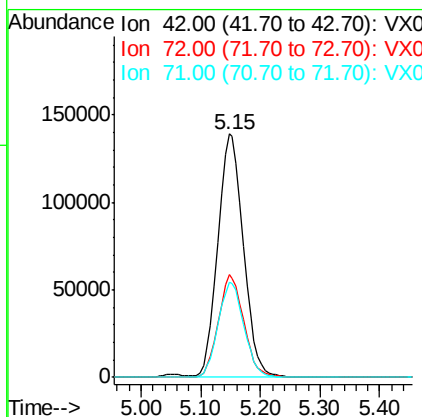
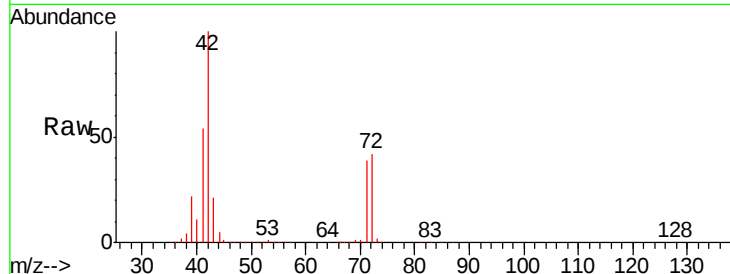
#29
Tetrahydrofuran
Concen: 222.92 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.4	56.0
71	39.5	34.5	51.7

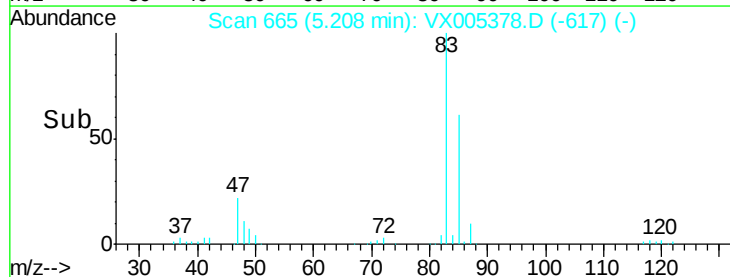
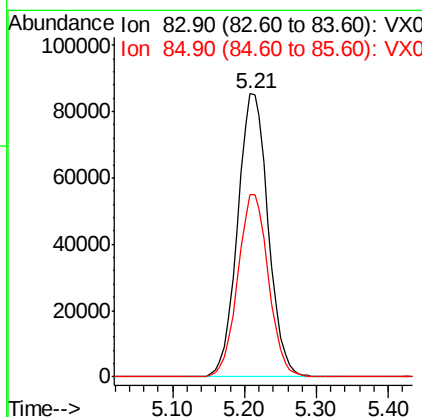
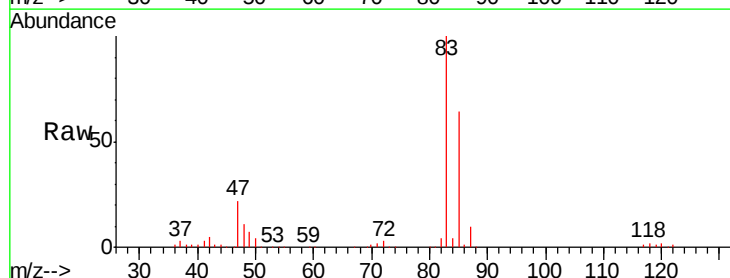
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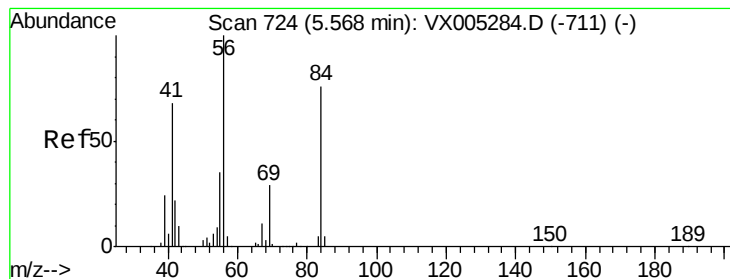
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#30
Chloroform
Concen: 47.20 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	79.0





#31

Cyclohexane

Concen: 47.11 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

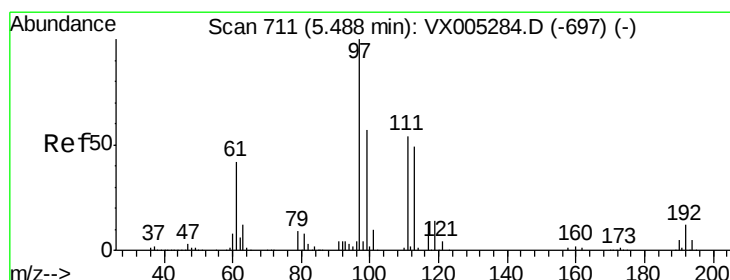
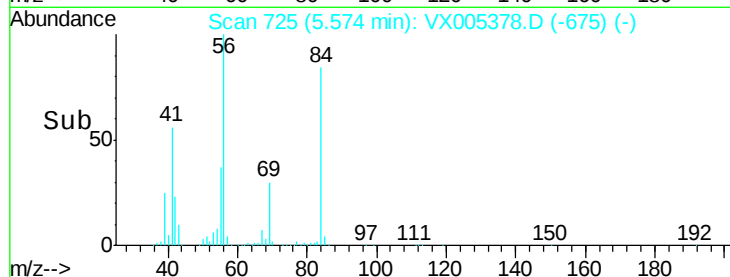
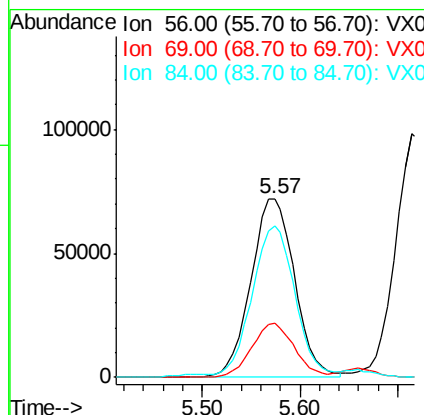
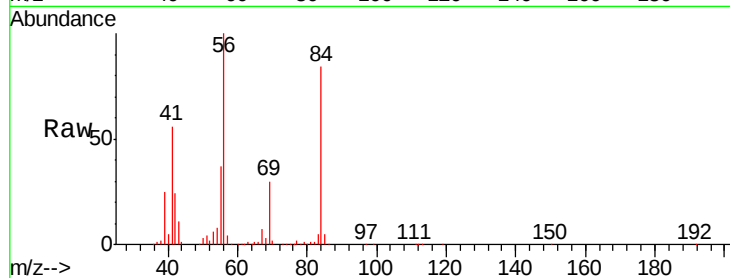
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	222585
Ion Ratio	Lower	Upper	
56	100		
69	30.1	25.4	38.2
84	82.9	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.04 ug/l

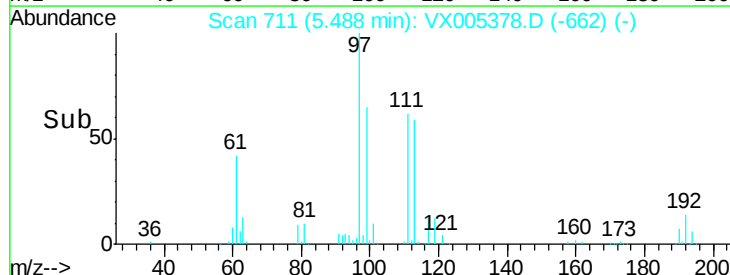
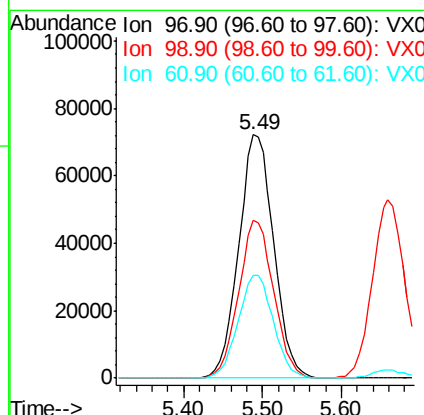
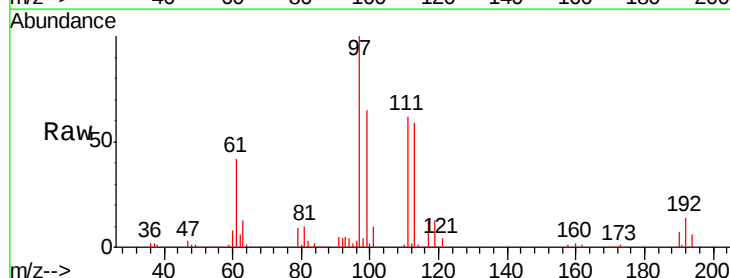
RT: 5.49 min Scan# 711

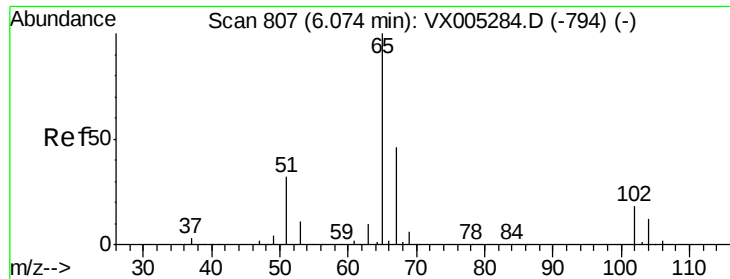
Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	97	Resp:	222441
Ion Ratio	Lower	Upper	
97	100		
99	64.9	52.0	78.0
61	42.8	34.9	52.3





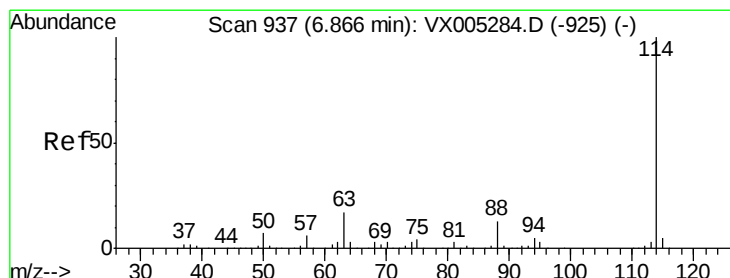
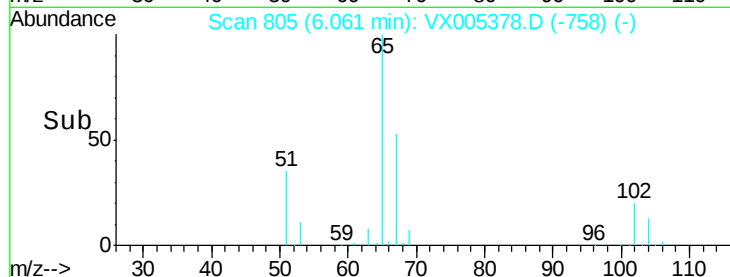
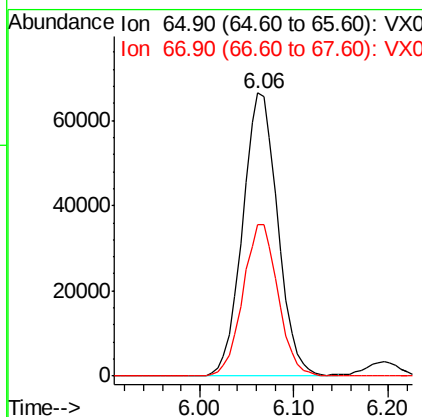
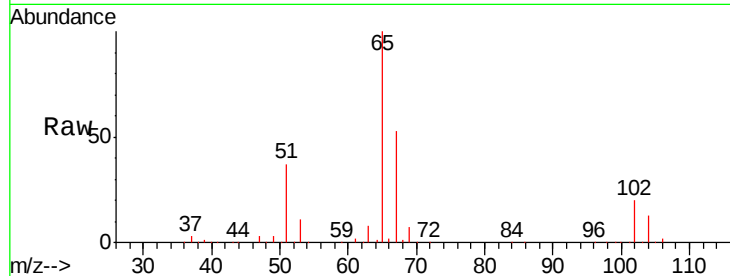
#33
 1,2-Dichloroethane-d4
 Concen: 50.19 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 172522
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8

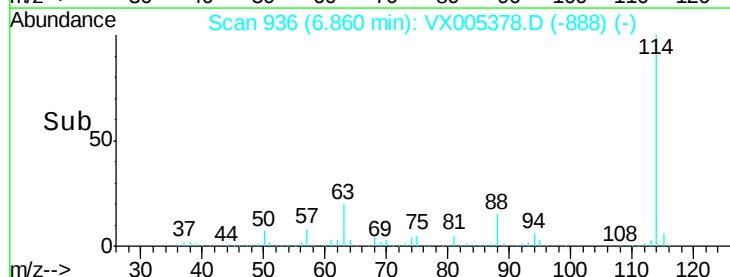
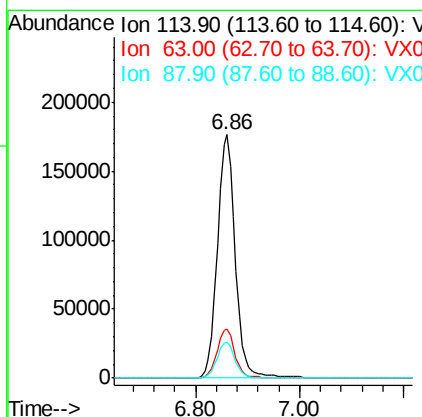
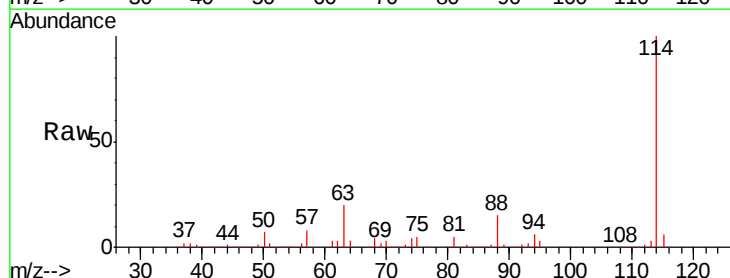
Manual Integrations
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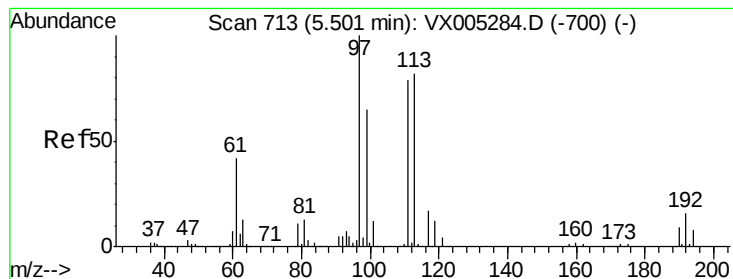
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion: 114 Resp: 425702
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.59 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

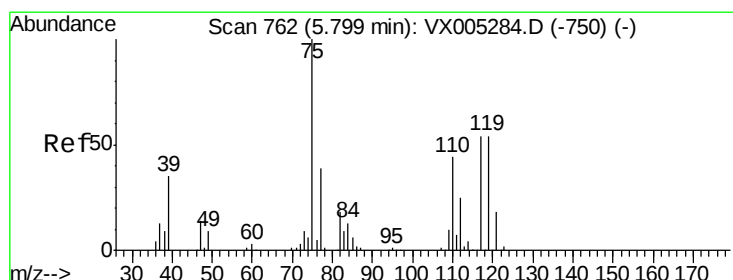
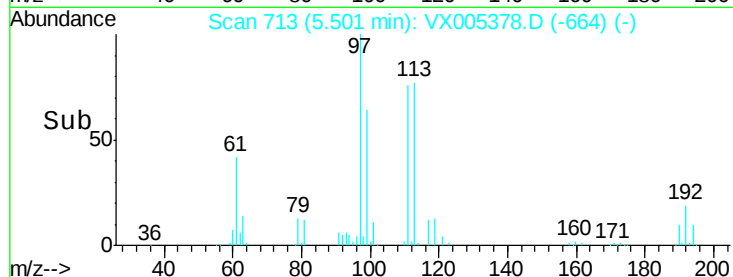
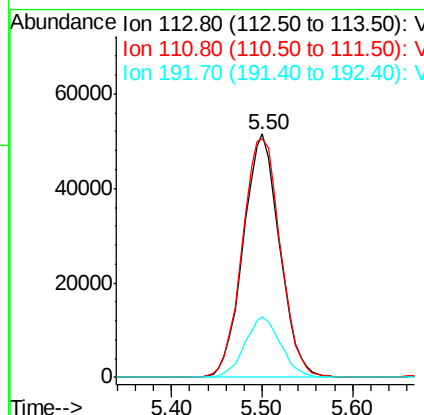
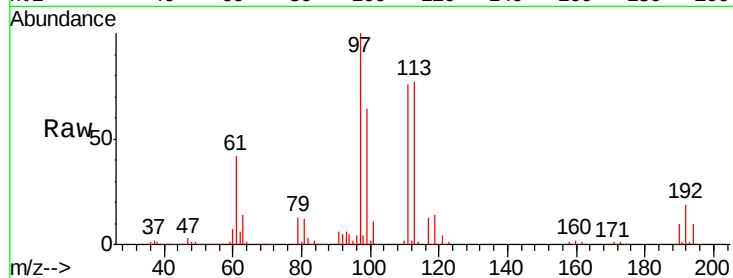
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	142628
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.4	123.6
192	24.6	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.48 ug/l

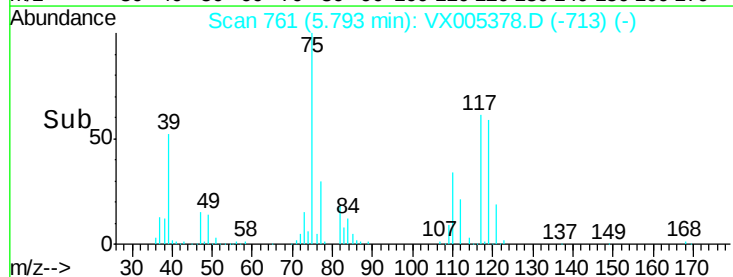
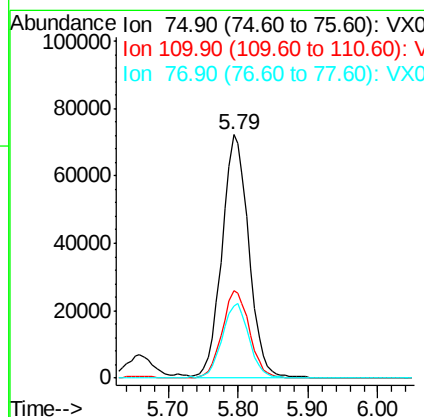
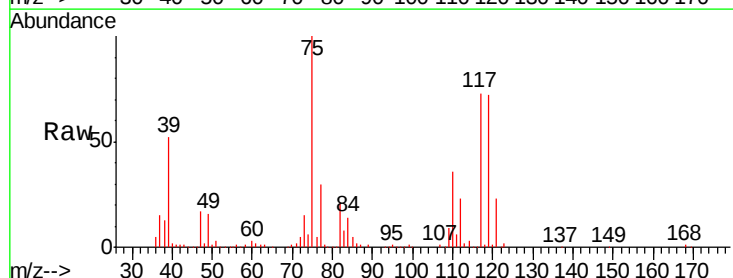
RT: 5.79 min Scan# 761

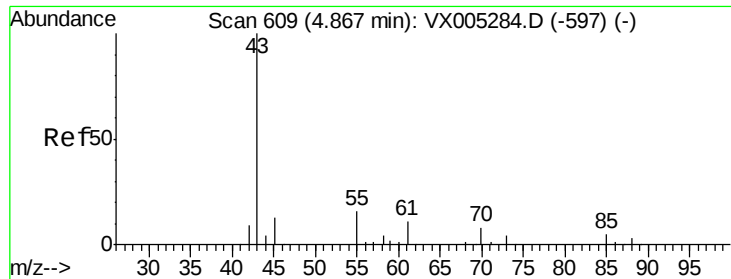
Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	75	Resp:	191650
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.0	54.0
77	31.2	24.6	36.8





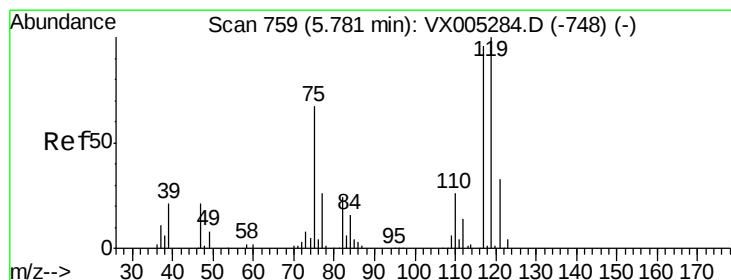
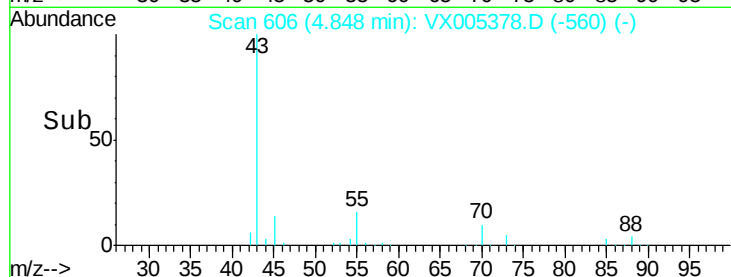
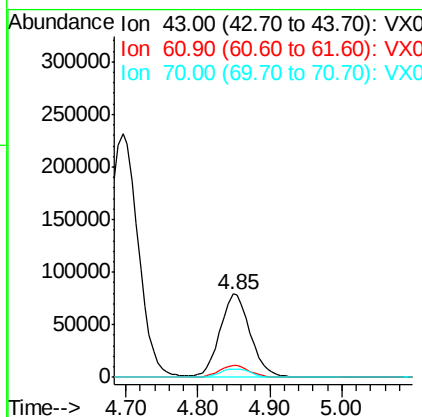
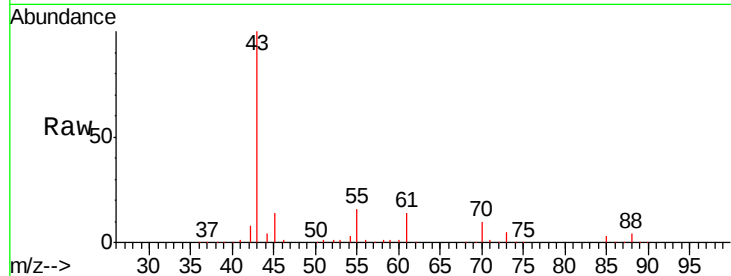
#37
Ethyl Acetate
Concen: 43.77 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.02 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.7	9.0	13.6

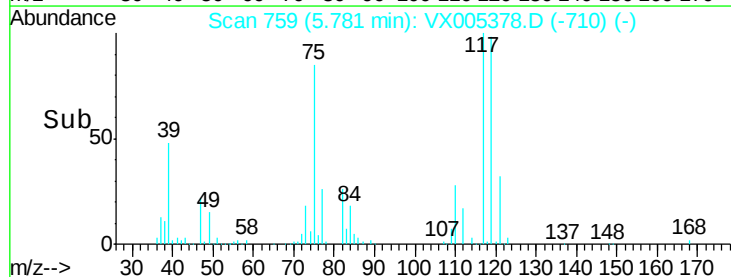
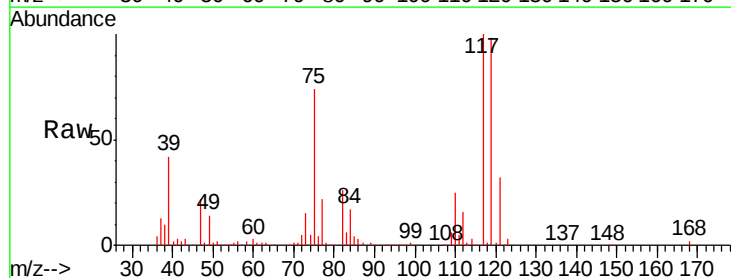
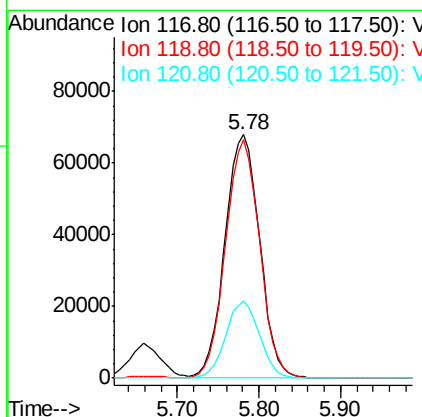
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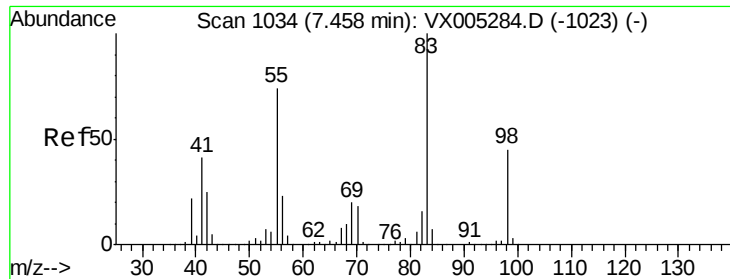
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#38
Carbon Tetrachloride
Concen: 48.14 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.8	118.2
121	31.9	24.9	37.3





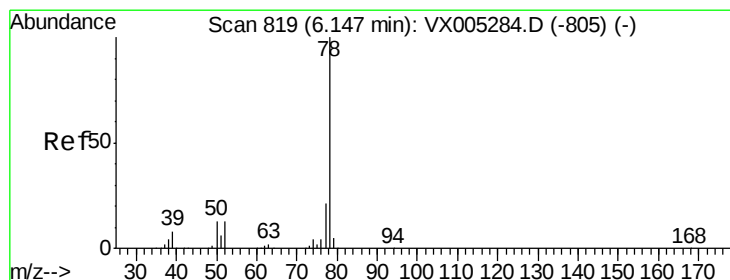
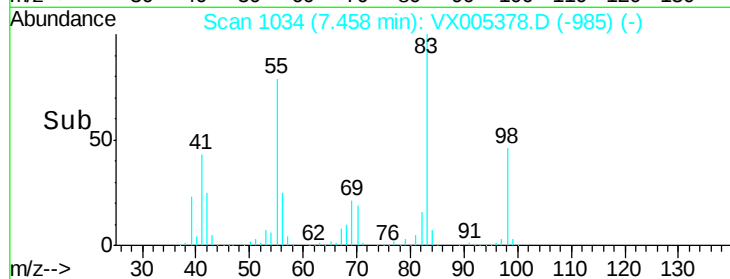
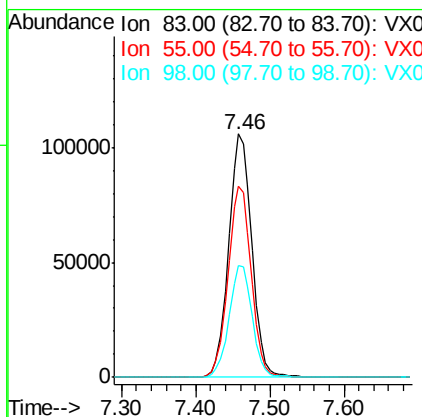
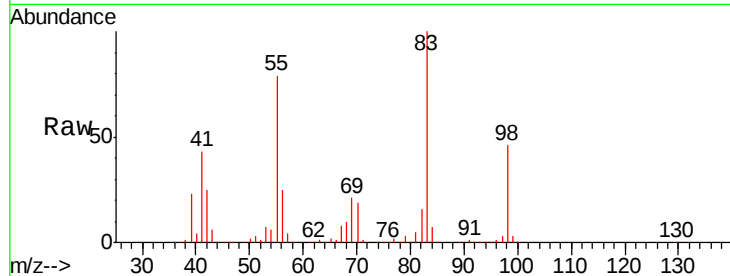
#39
Methylcyclohexane
Concen: 51.67 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	230565		
55	78.7	61.0	91.4	
98	45.9	39.6	59.4	

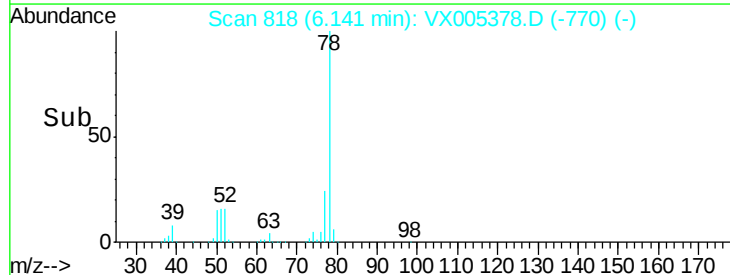
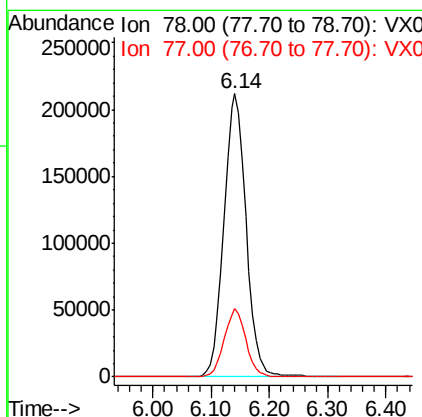
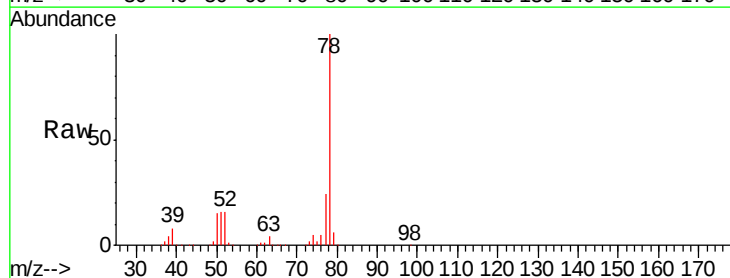
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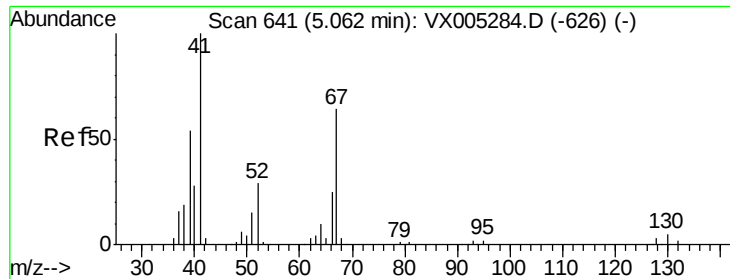
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#40
Benzene
Concen: 45.38 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	561291		
77	24.0	19.0	28.4	





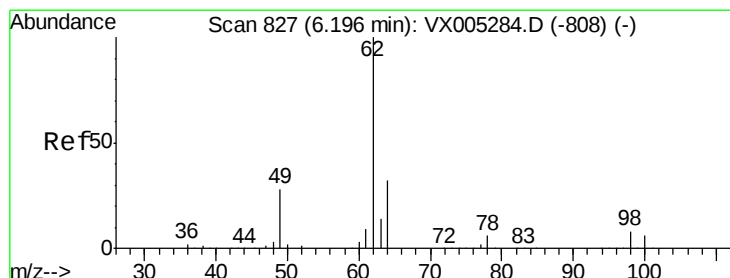
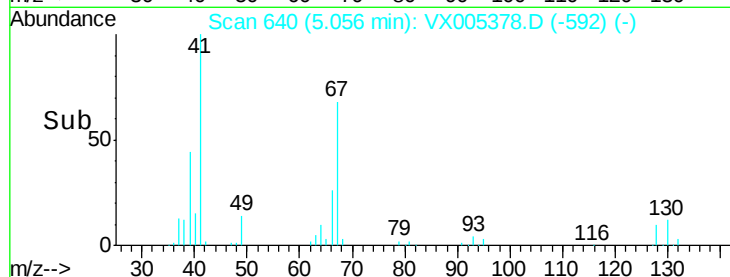
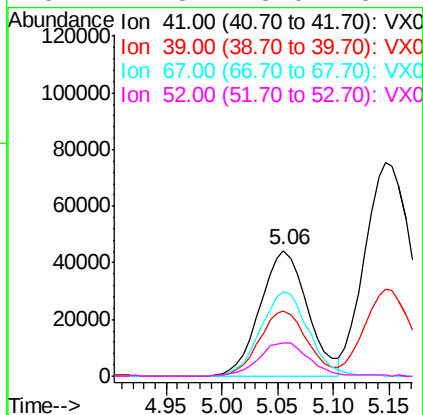
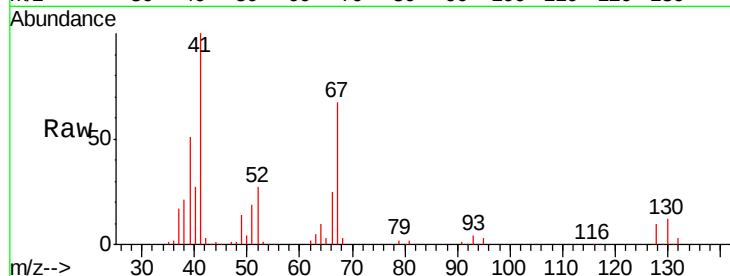
#41
Methacrylonitrile
Concen: 46.52 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.4	63.6
67	67.7	59.2	88.8
52	27.8	23.0	34.4

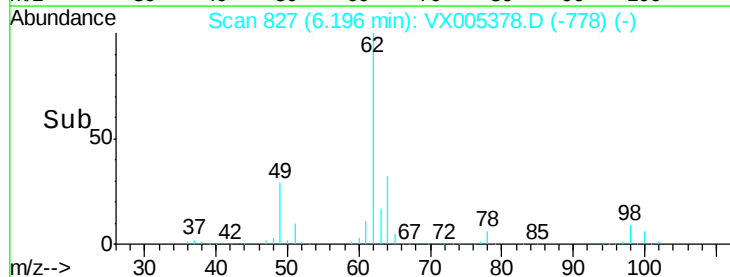
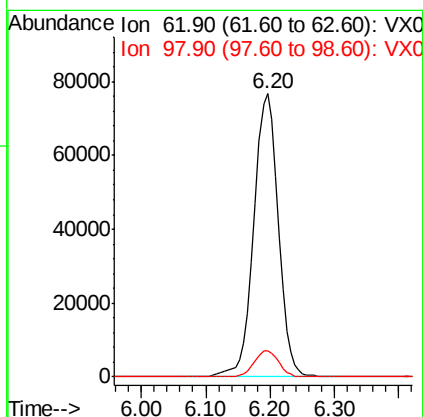
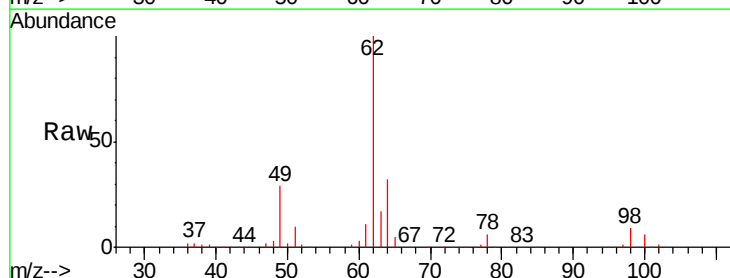
Manual Integrations
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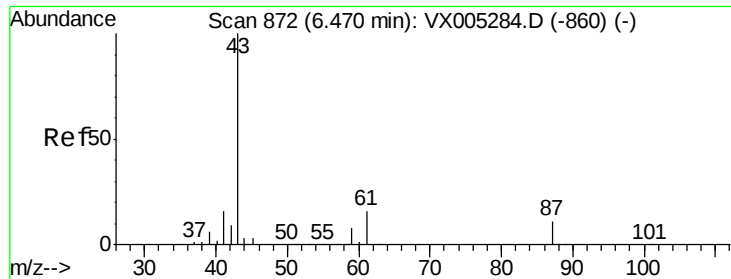
MMDadoda
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#42
1,2-Dichloroethane
Concen: 45.91 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.21 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

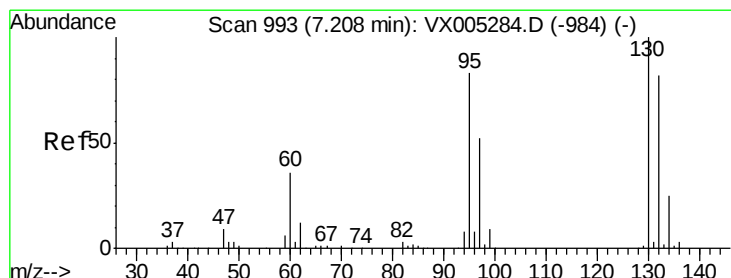
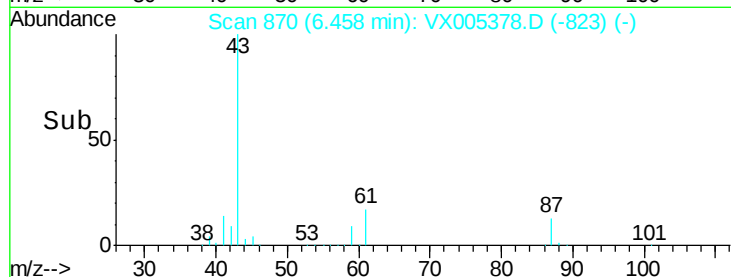
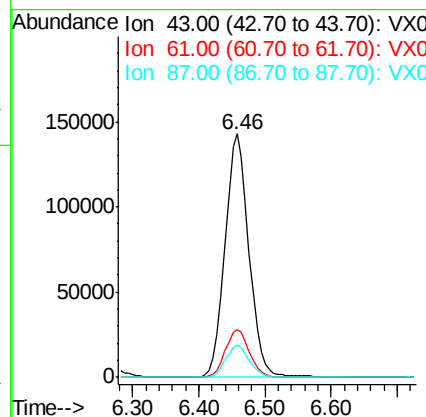
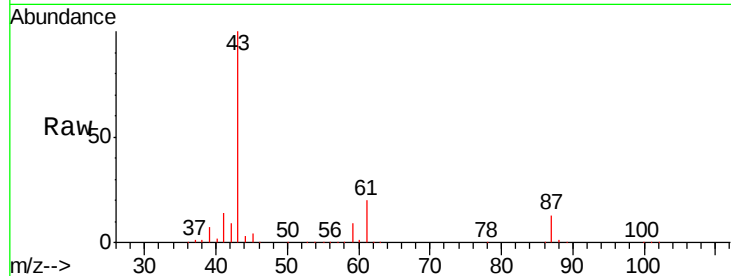
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	354649
Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.0	25.4
87	13.1	11.4	17.2

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#44

Trichloroethene

Concen: 50.37 ug/l

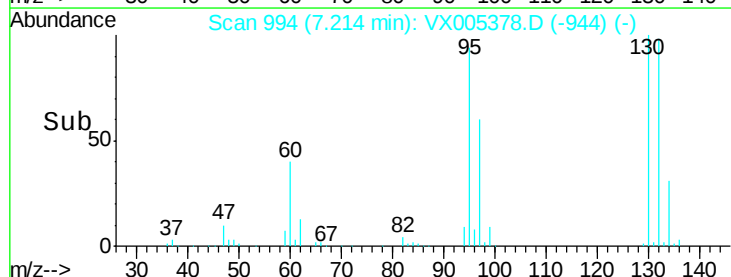
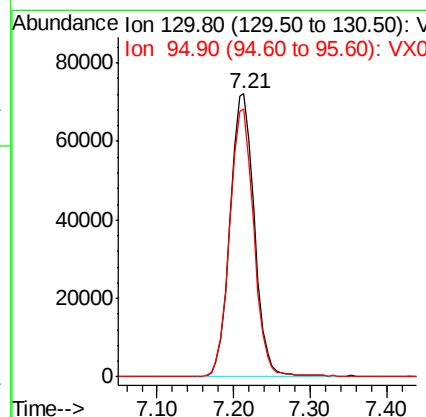
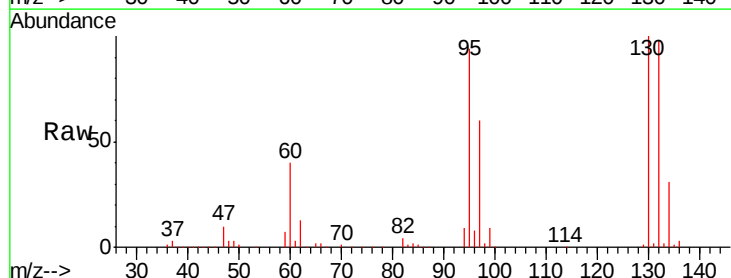
RT: 7.21 min Scan# 994

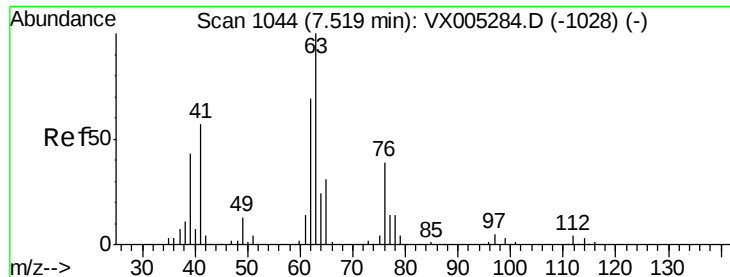
Delta R.T. 0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	130	Resp:	159064
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	181.6





#45

1,2-Dichloropropane

Concen: 49.66 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 150659

Ion Ratio Lower Upper

63 100

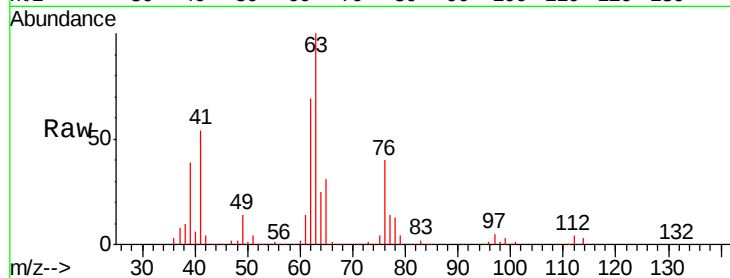
65 30.9 24.3 36.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

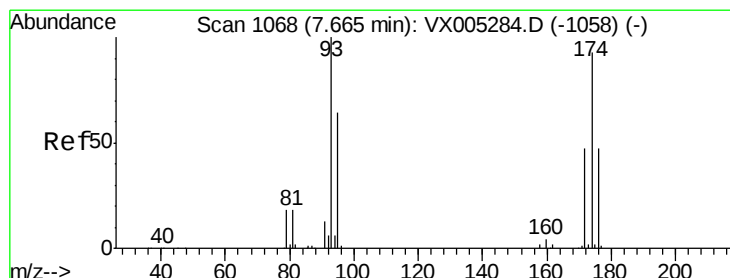
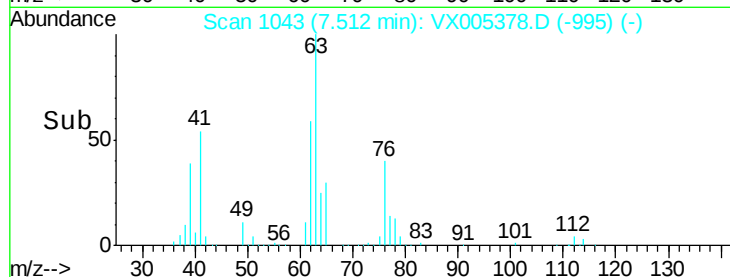
40000

20000

0

7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 48.99 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

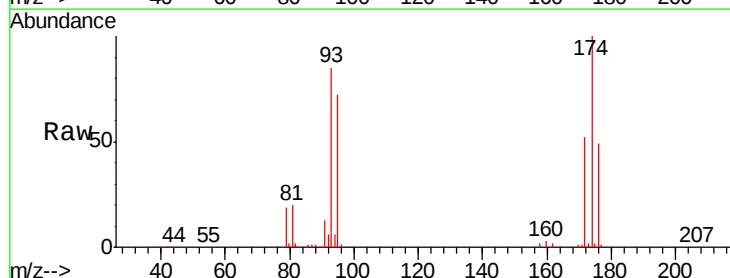
Tgt Ion: 93 Resp: 98092

Ion Ratio Lower Upper

93 100

95 84.5 65.5 98.3

174 120.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

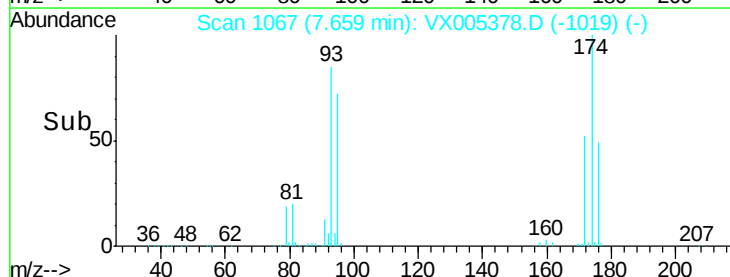
40000

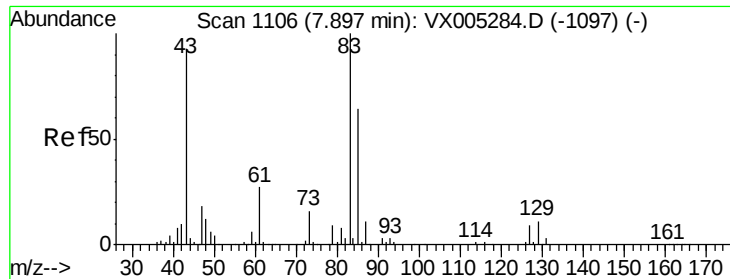
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 51.69 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

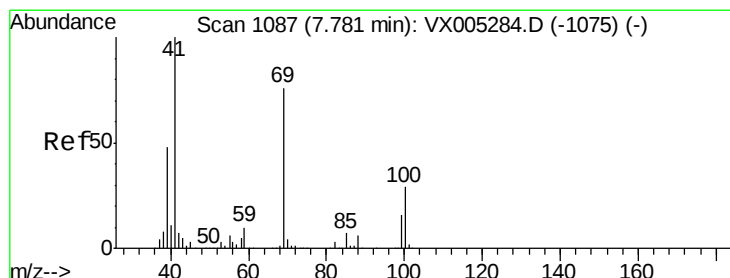
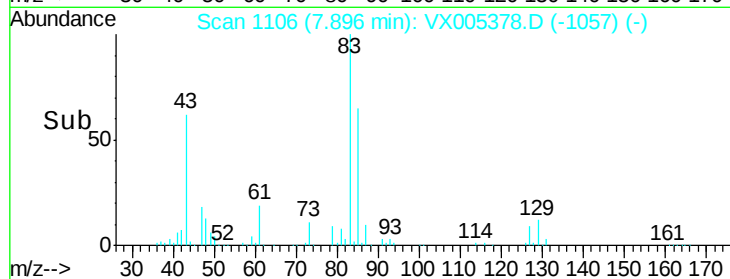
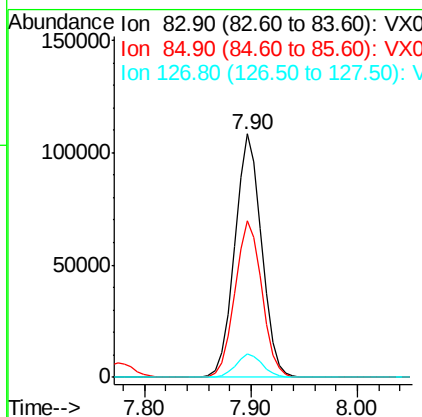
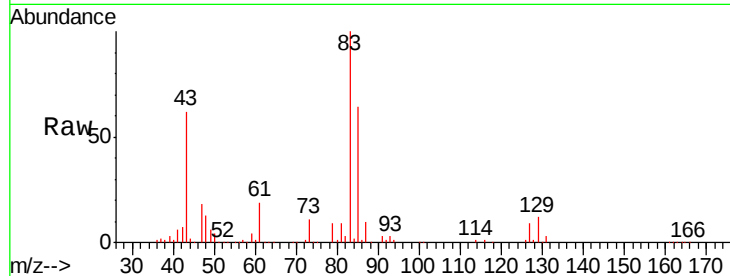
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	191443
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3
127	9.4	7.3	10.9

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#48

Methyl methacrylate

Concen: 51.02 ug/l

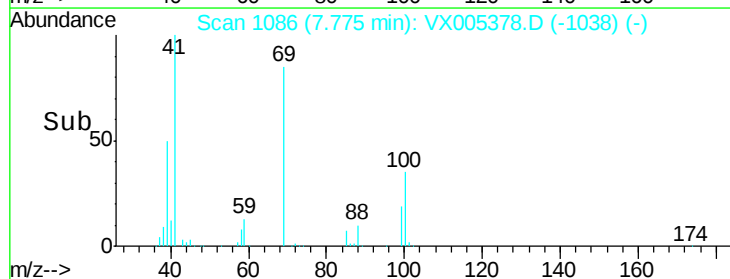
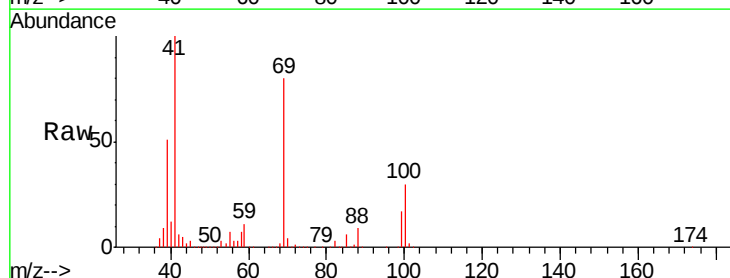
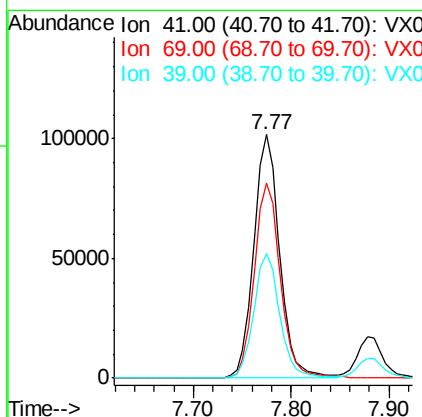
RT: 7.77 min Scan# 1086

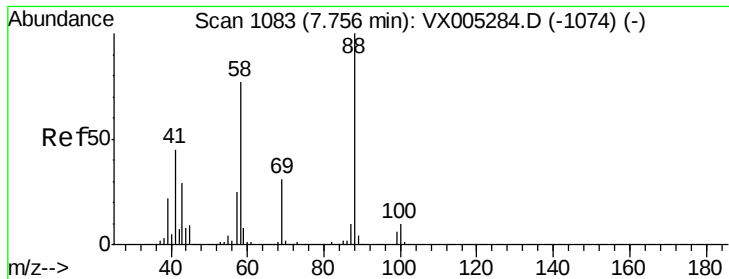
Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	41	Resp:	186880
Ion	Ratio	Lower	Upper
41	100		
69	81.3	70.2	105.4
39	51.3	42.7	64.1





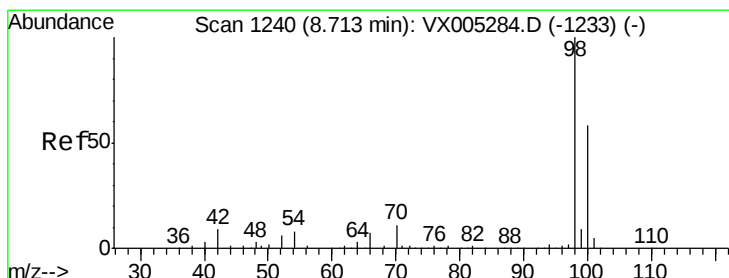
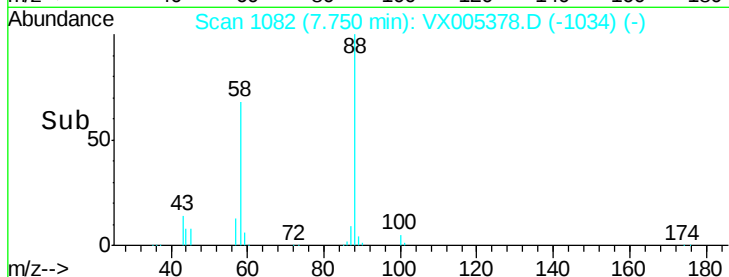
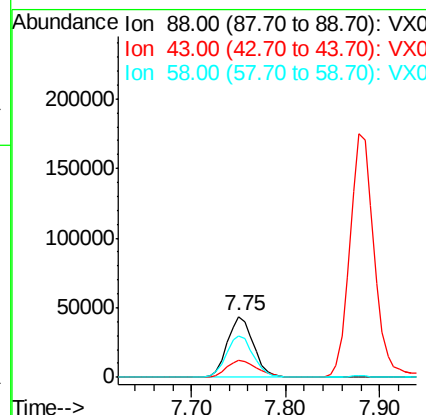
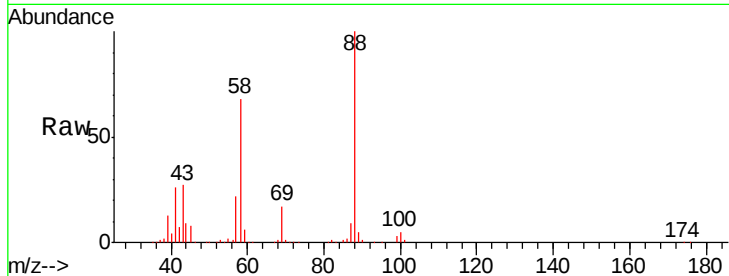
#49
1,4-Dioxane
Concen: 989.68 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.7	37.1
58	71.6	55.3	82.9

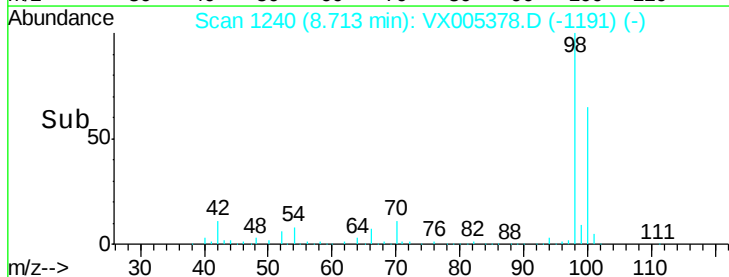
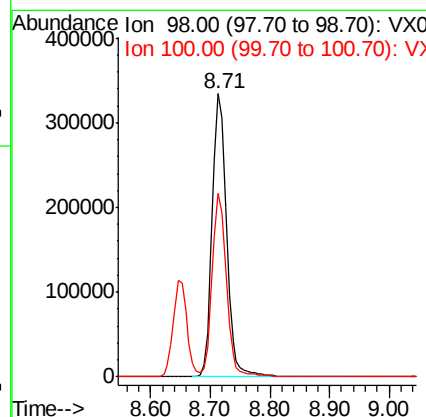
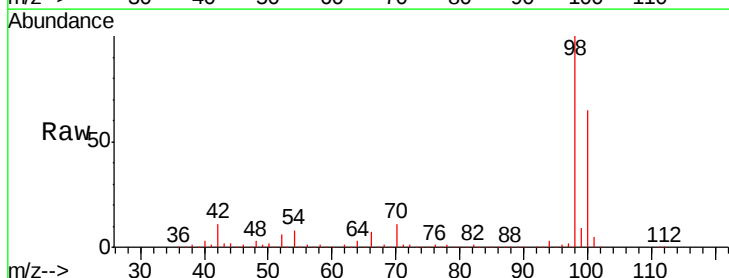
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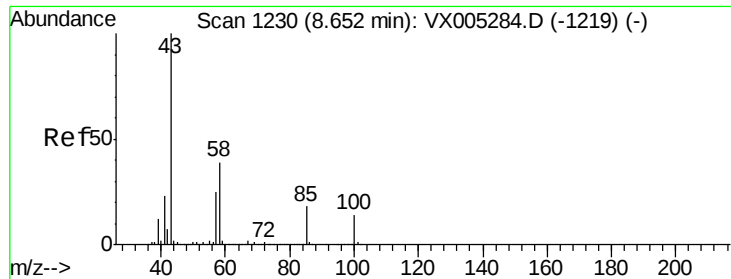
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#50
Toluene-d8
Concen: 57.17 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.9	79.3





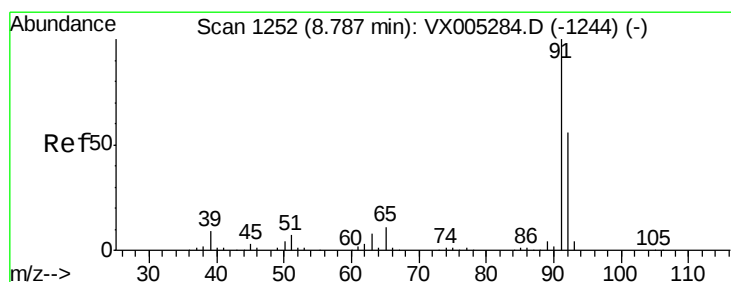
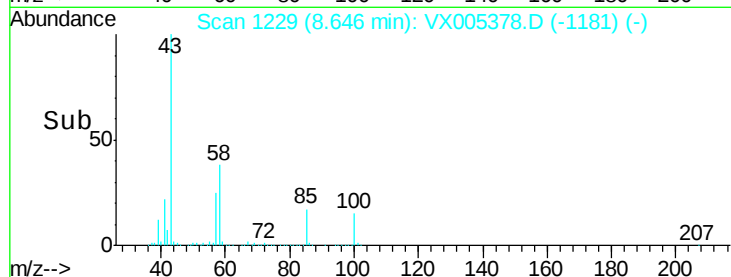
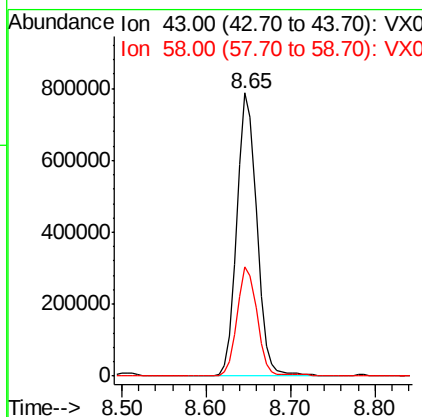
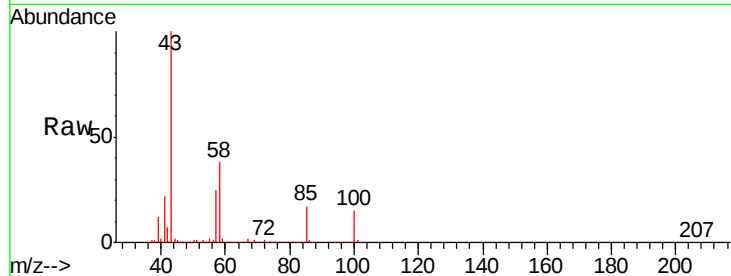
#51
4-Methyl-2-Pentanone
Concen: 256.66 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1255206
Ion Ratio Lower Upper
43 100
58 38.3 33.1 49.7

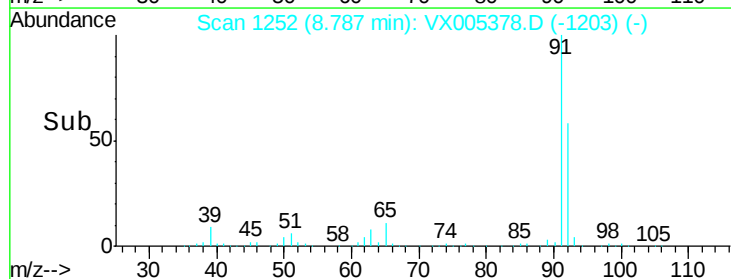
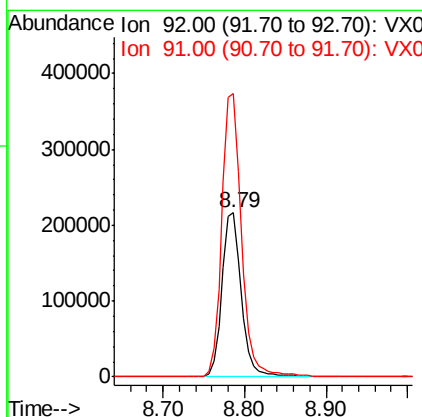
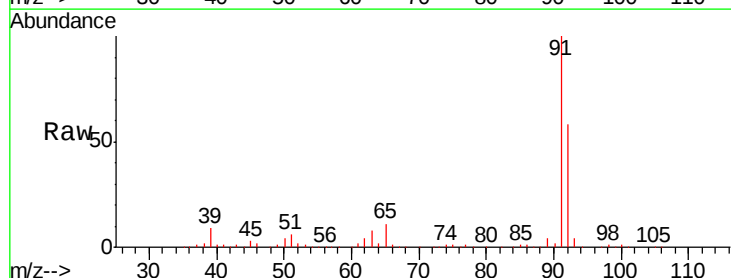
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#52
Toluene
Concen: 53.02 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 92 Resp: 358736
Ion Ratio Lower Upper
92 100
91 175.6 136.4 204.6





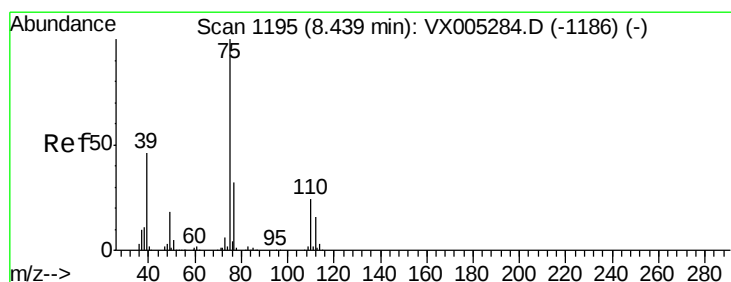
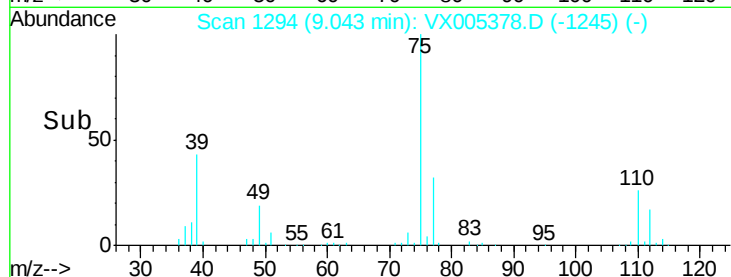
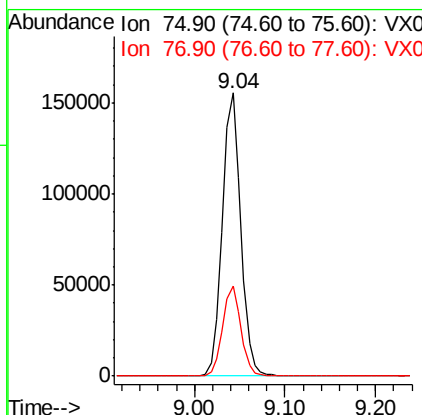
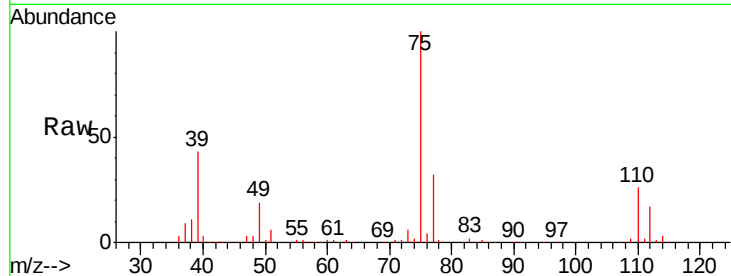
#53
t-1,3-Dichloropropene
Concen: 54.86 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 219890
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

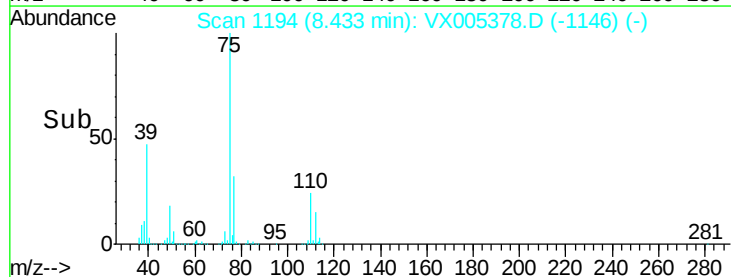
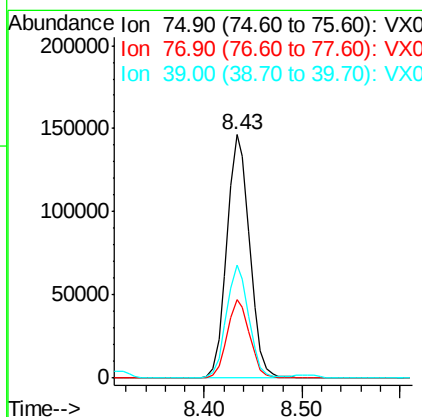
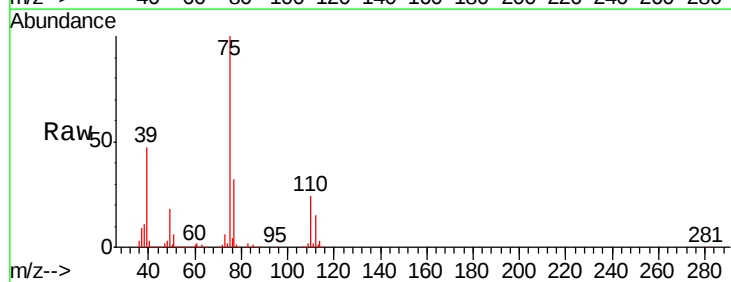
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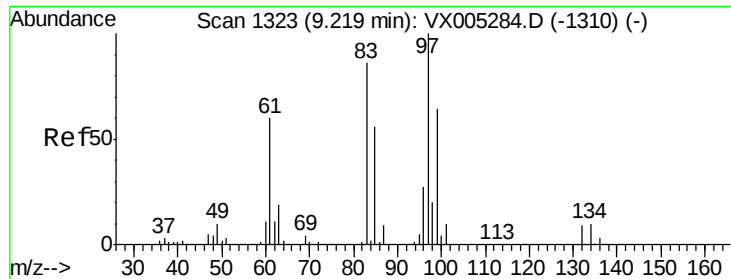
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#54
cis-1,3-Dichloropropene
Concen: 54.47 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 75 Resp: 236556
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
39 46.6 36.4 54.6





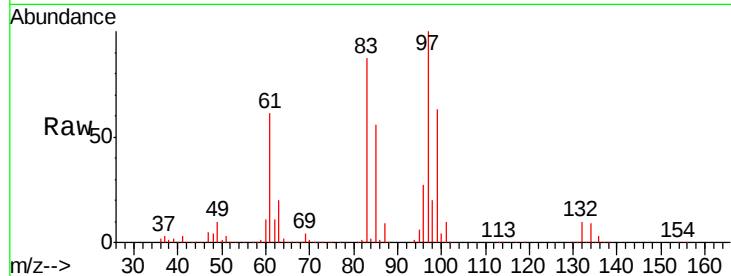
#55
 1,1,2-Trichloroethane
 Concen: 51.93 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

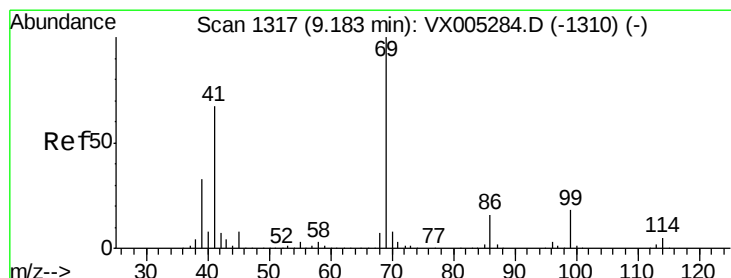
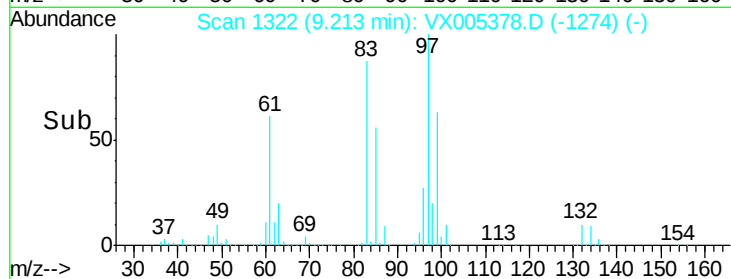
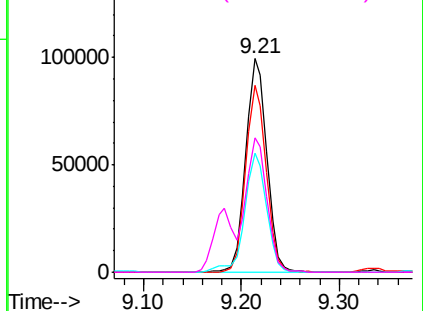
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.4	99.6
85	56.0	43.3	64.9
99	63.1	49.0	73.4

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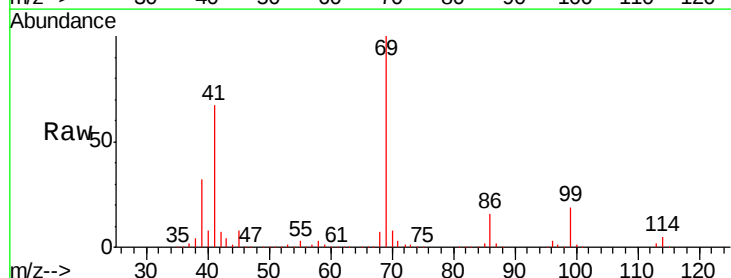


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

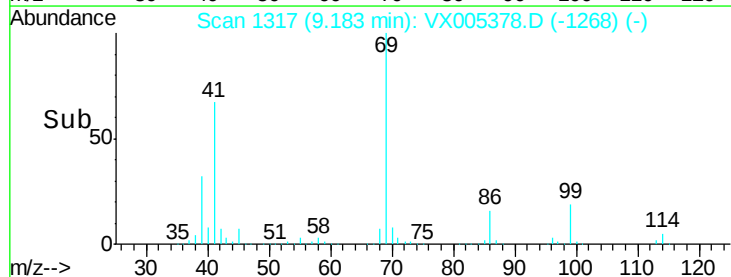
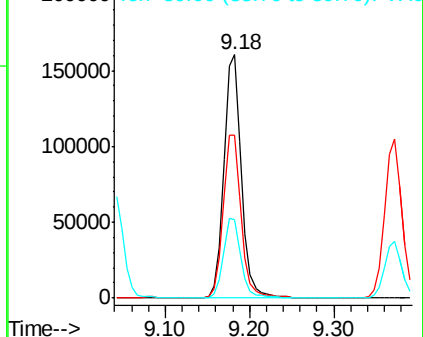


#56
 Ethyl methacrylate
 Concen: 55.09 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	51.0	76.4
39	33.1	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 51.78 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 247698

Ion Ratio Lower Upper

76 100

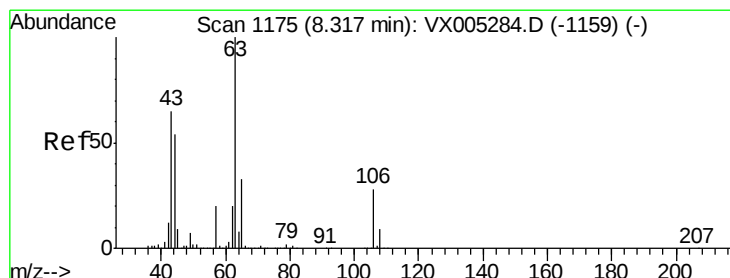
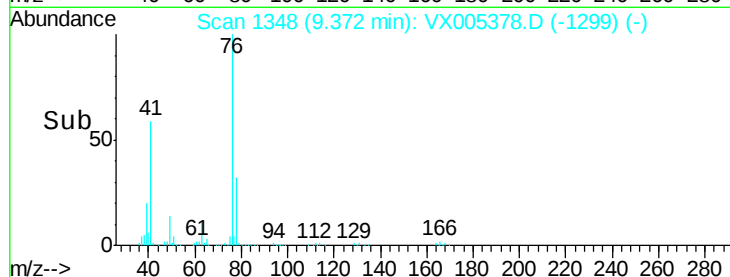
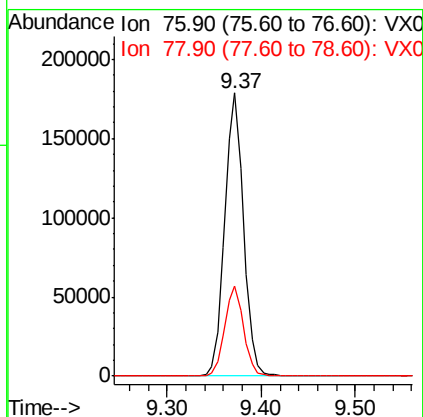
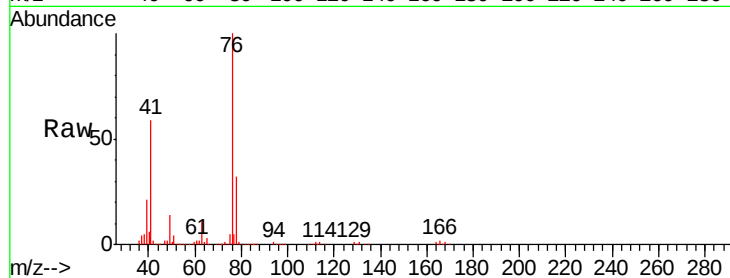
78 31.8 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 146.79 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005378.D

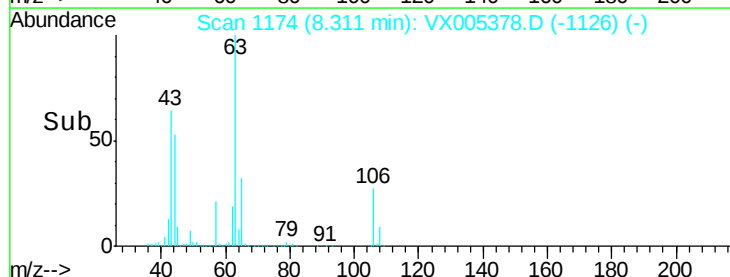
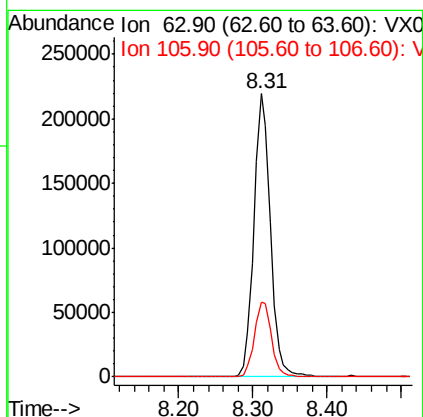
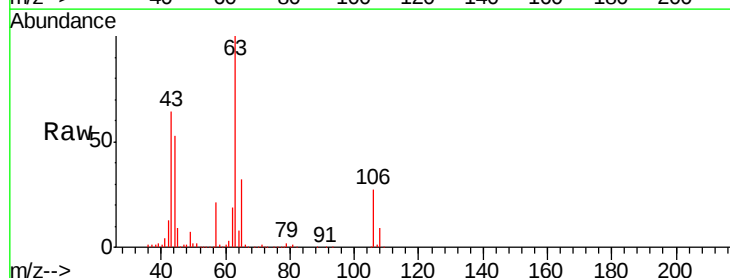
Acq: 17 Oct 2018 08:07

Tgt Ion: 63 Resp: 343949

Ion Ratio Lower Upper

63 100

106 27.4 23.9 35.9





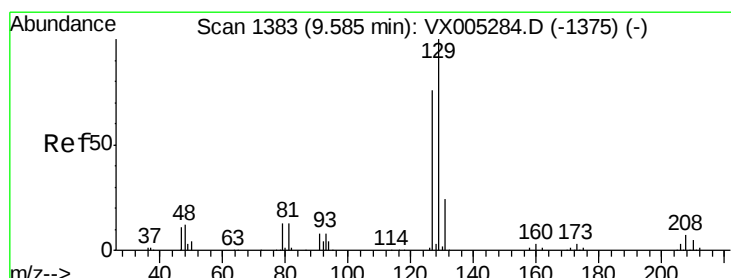
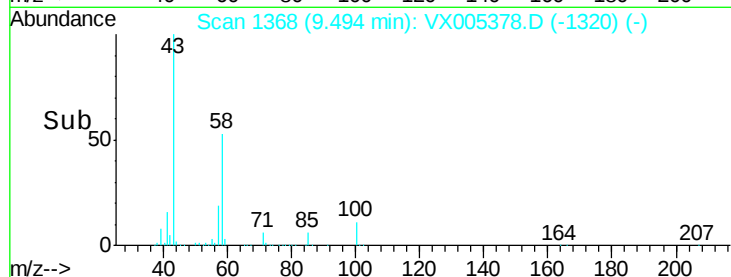
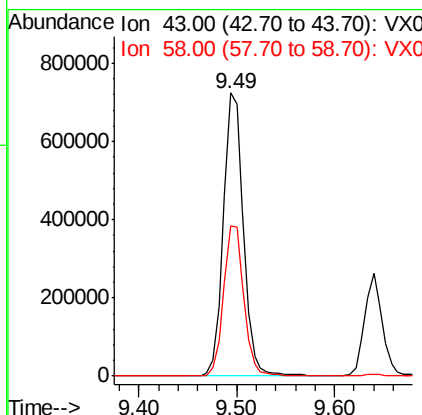
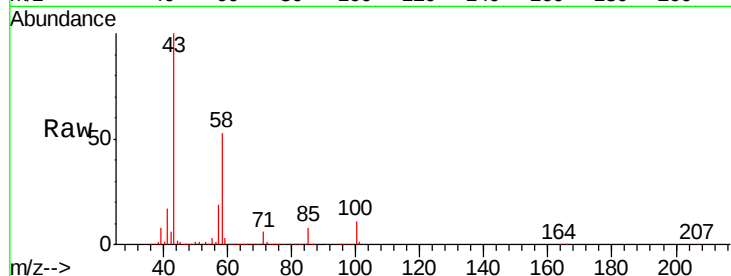
#59
2-Hexanone
Concen: 262.31 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1031896
Ion Ratio Lower Upper
43 100
58 53.8 29.0 87.0

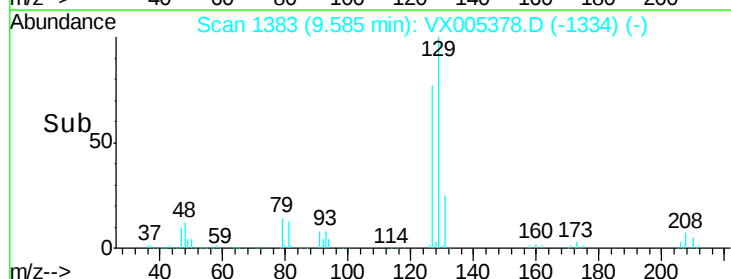
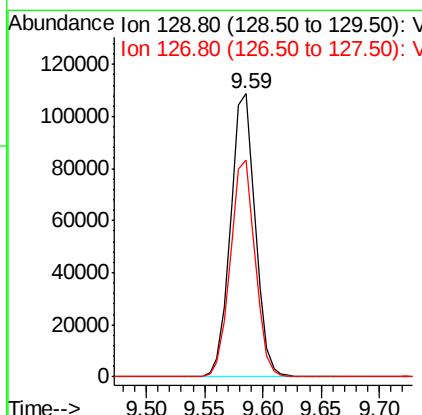
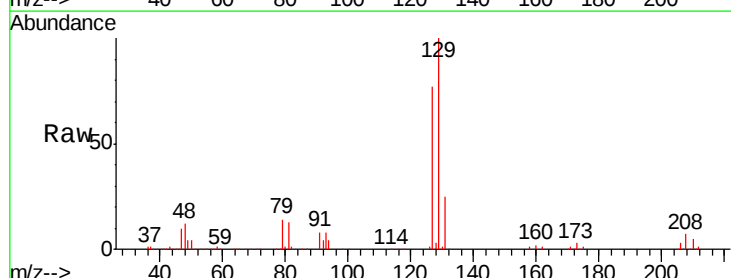
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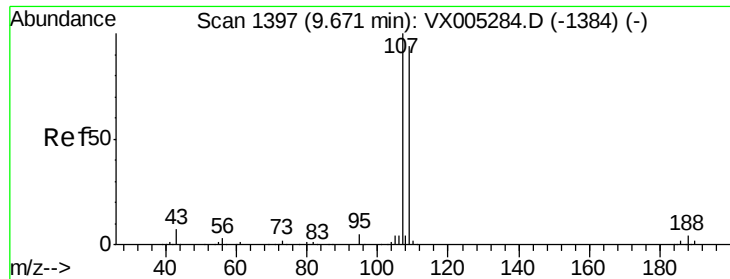
MMDadoda
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#60
Dibromochloromethane
Concen: 54.28 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 129 Resp: 160793
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





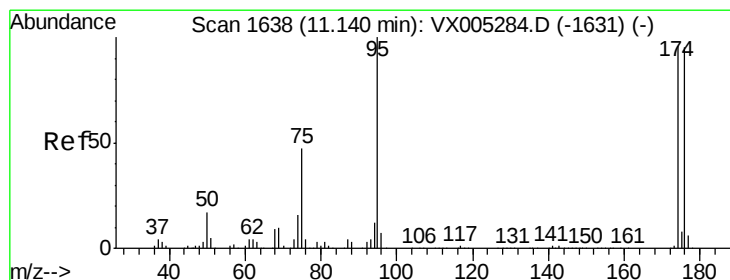
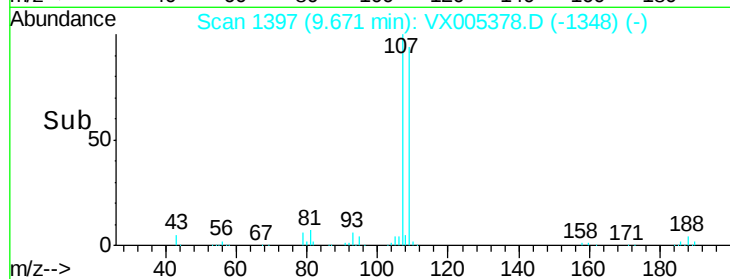
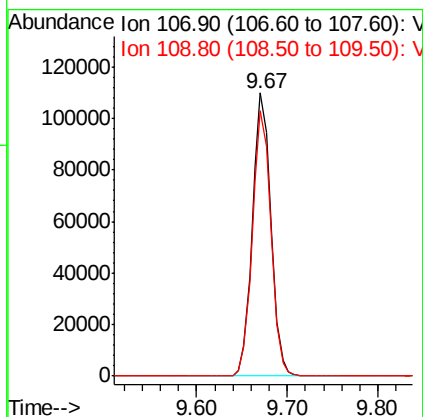
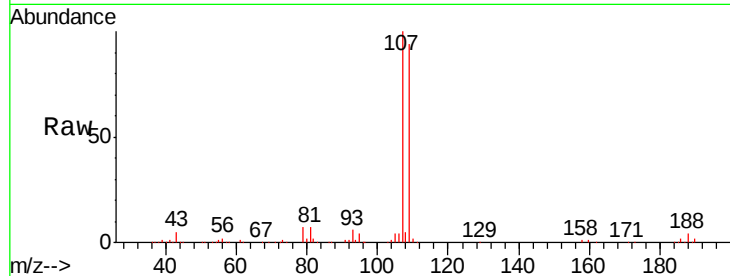
#61
 1,2-Dibromoethane
 Concen: 51.62 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 155247
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.0 114.0

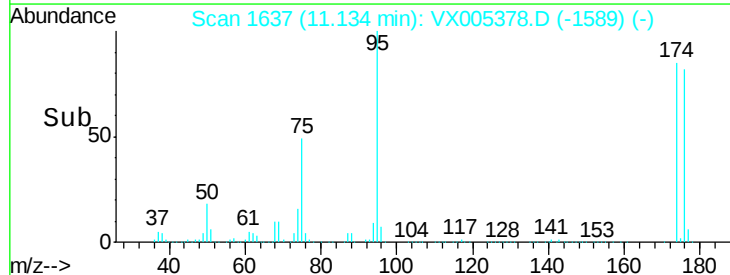
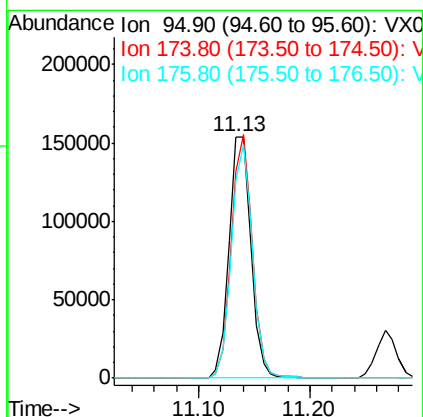
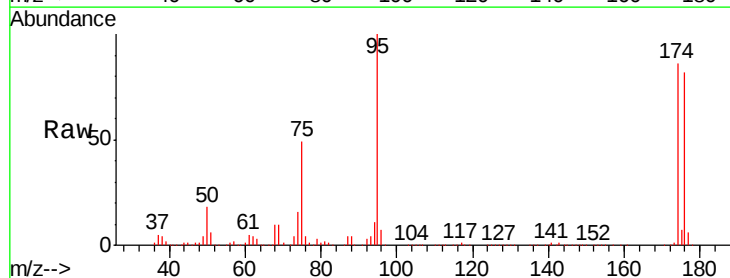
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#62
 4-Bromofluorobenzene
 Concen: 58.04 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion: 95 Resp: 211042
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 185.2
 176 92.2 0.0 178.6





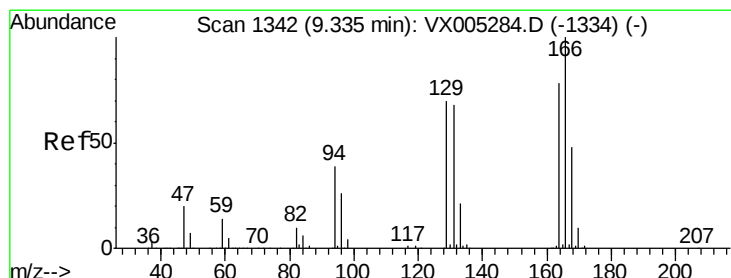
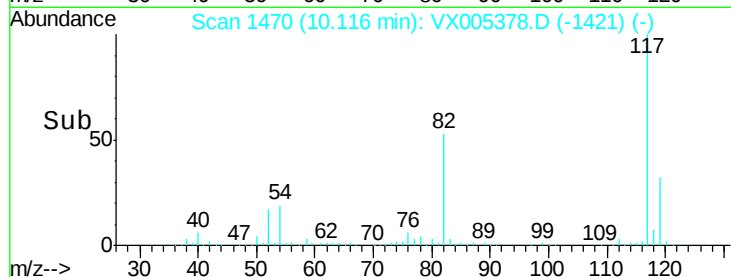
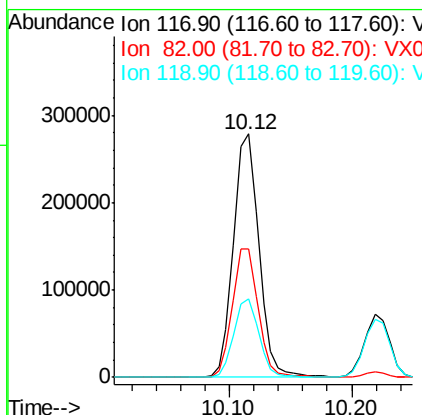
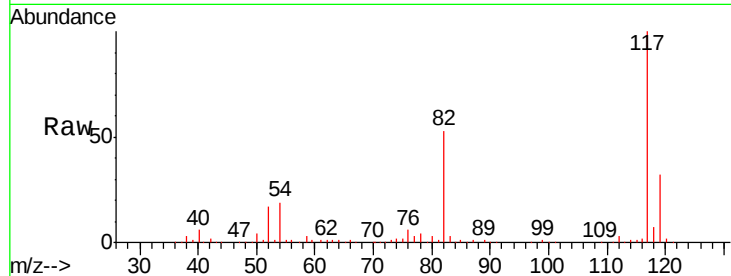
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	402706		
82	52.6	47.8	71.6	
119	32.4	29.3	43.9	

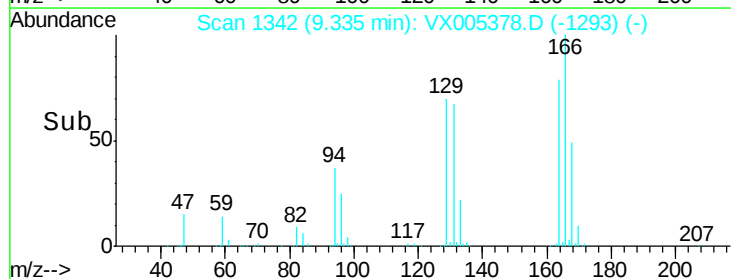
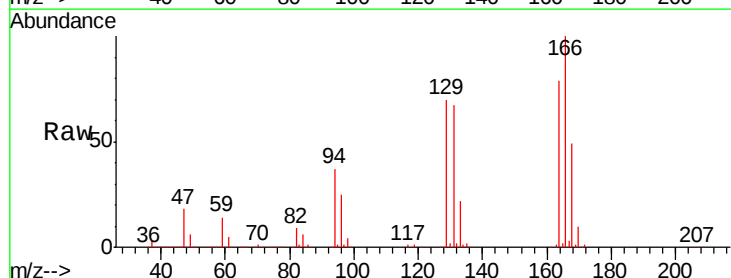
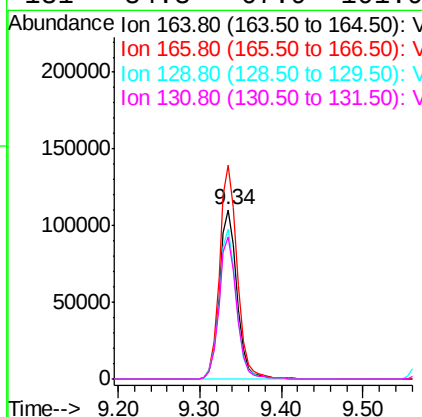
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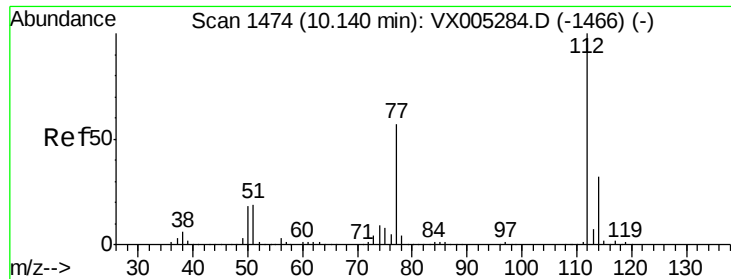
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#64
Tetrachloroethene
Concen: 51.42 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166716		
166	126.3	102.8	154.2	
129	88.2	69.4	104.0	
131	84.3	67.9	101.9	





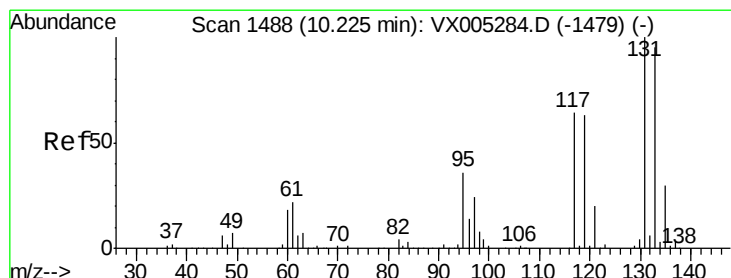
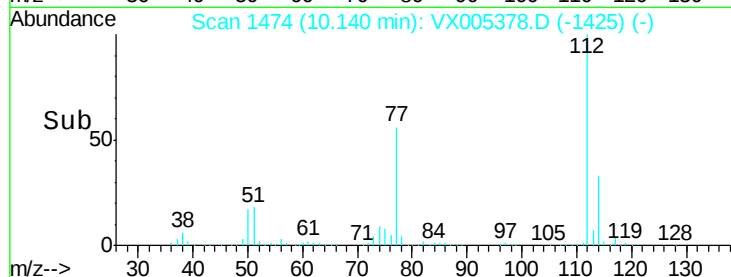
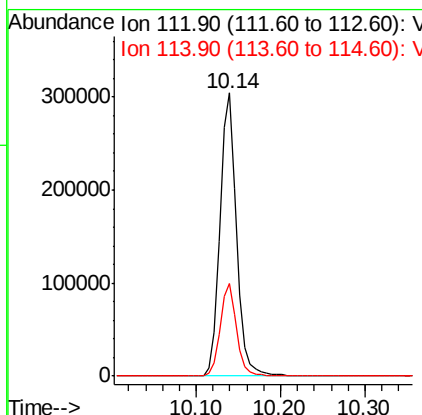
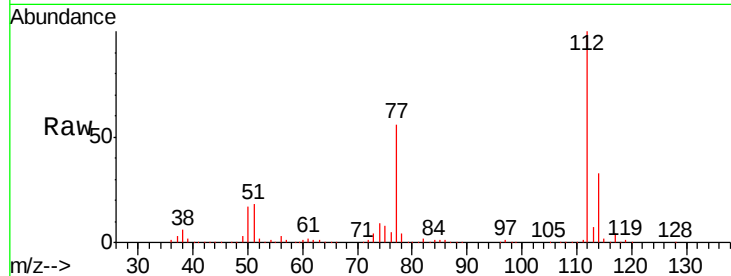
#65
Chlorobenzene
Concen: 48.41 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 414723
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8

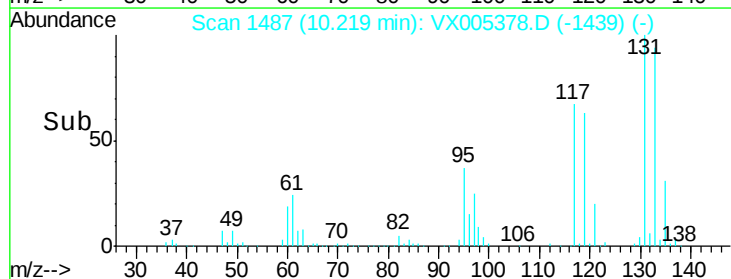
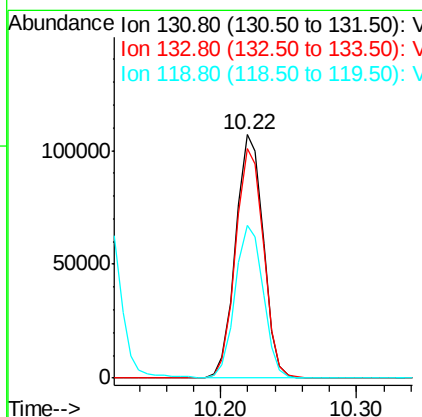
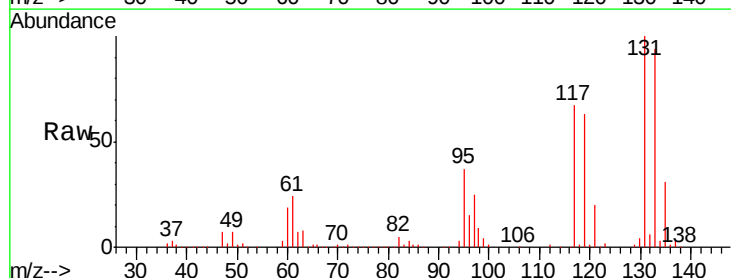
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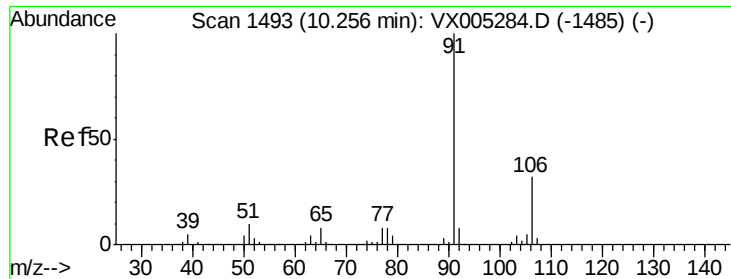
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.71 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion:131 Resp: 151758
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 63.8 32.9 98.6





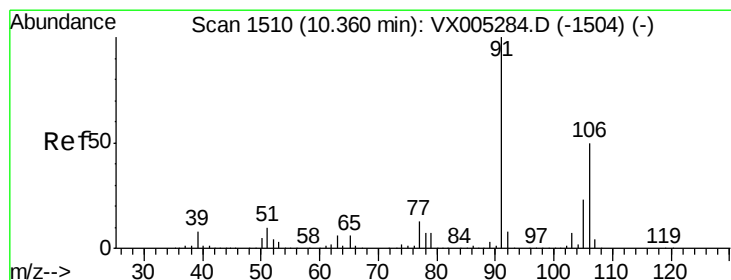
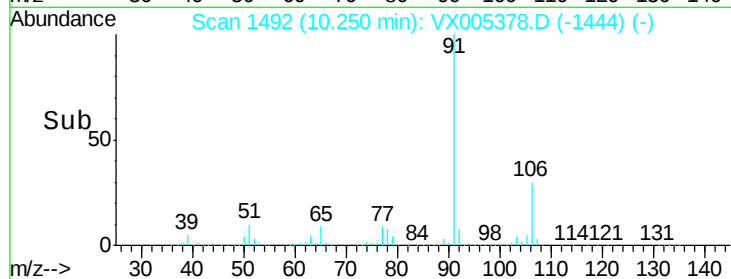
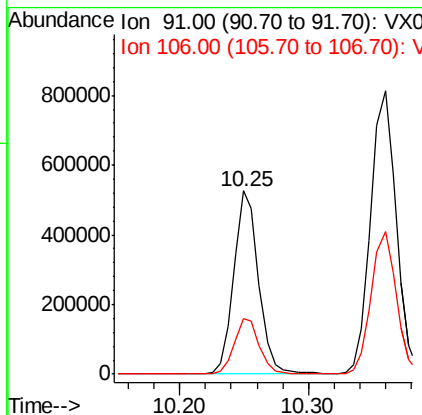
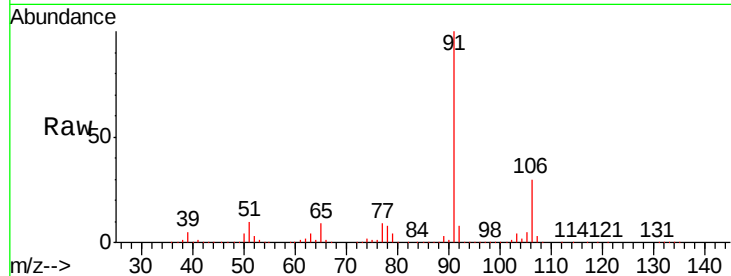
#67
Ethyl Benzene
Concen: 50.82 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 707728
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9

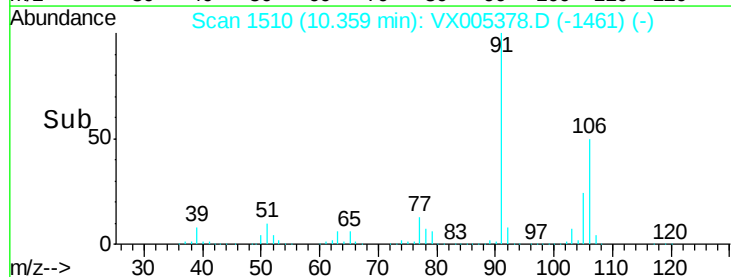
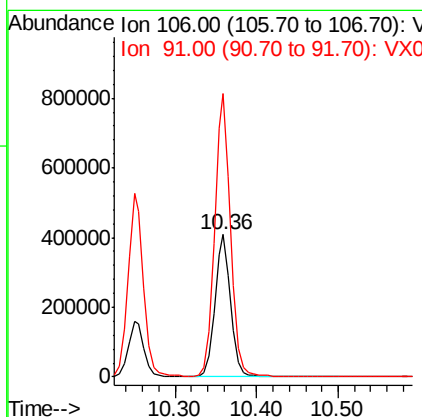
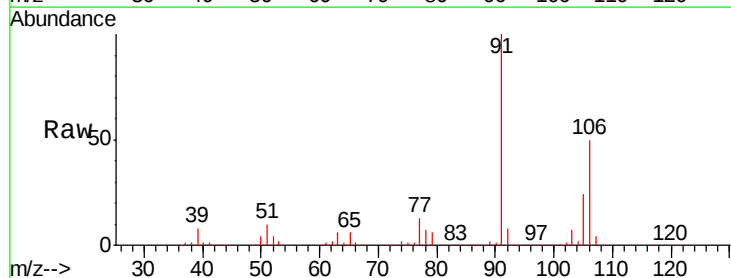
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#68
m/p-Xylenes
Concen: 103.07 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 106 Resp: 557086
Ion Ratio Lower Upper
106 100
91 201.6 157.1 235.7





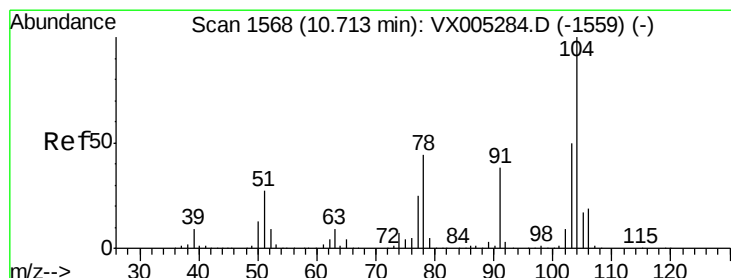
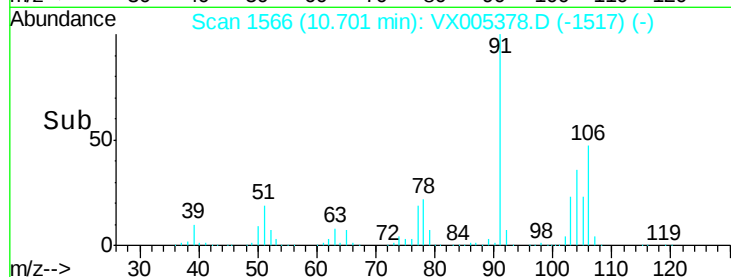
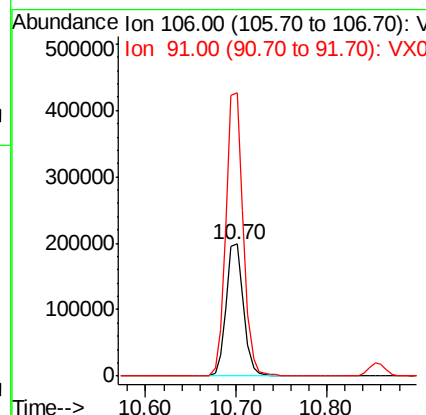
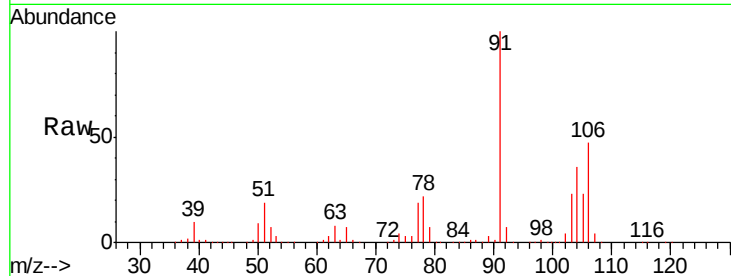
#69
o-Xylene
Concen: 50.82 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 264898
Ion Ratio Lower Upper
106 100
91 213.9 105.1 315.1

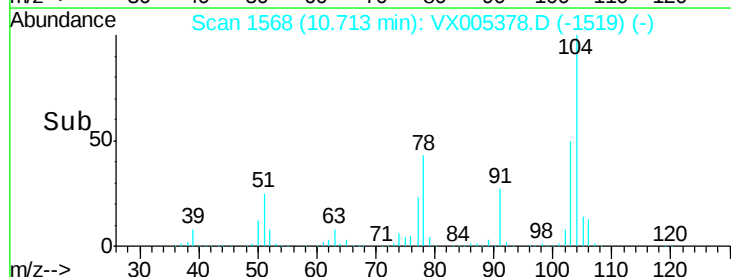
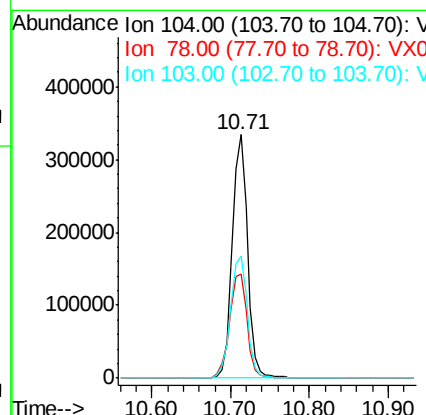
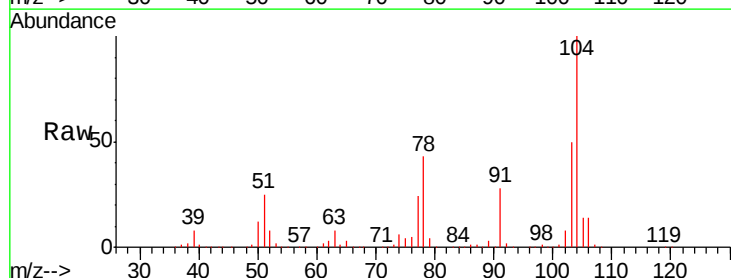
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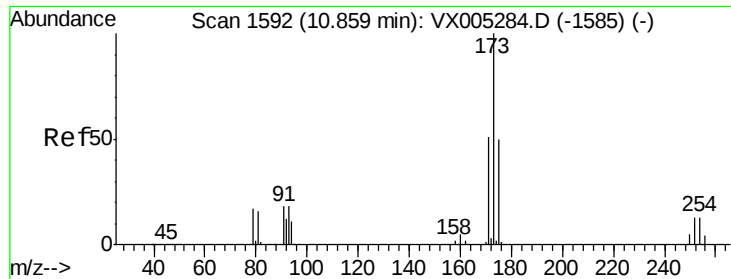
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#70
Styrene
Concen: 52.48 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion:104 Resp: 449945
Ion Ratio Lower Upper
104 100
78 49.4 37.4 56.0
103 55.7 43.8 65.6





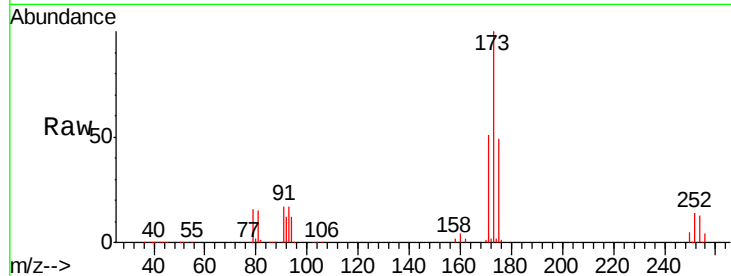
#71
Bromoform
Concen: 50.44 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

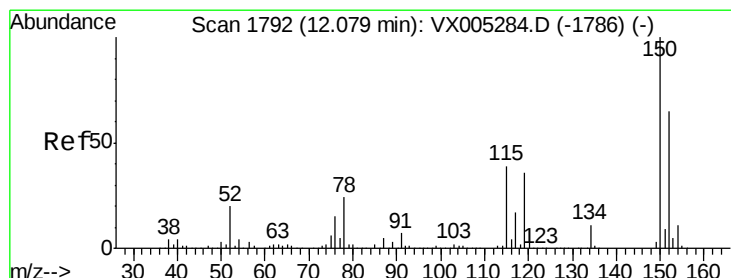
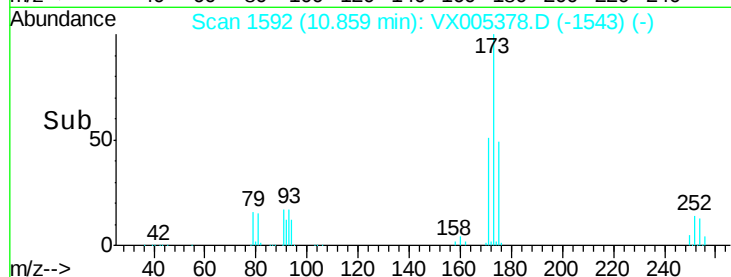
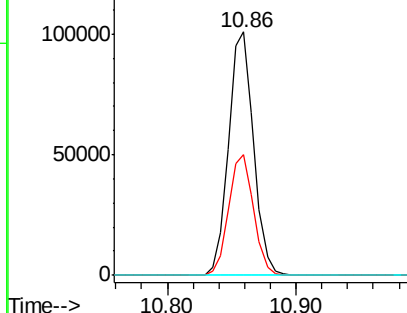
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.3
254	0.2	0.2	0.2

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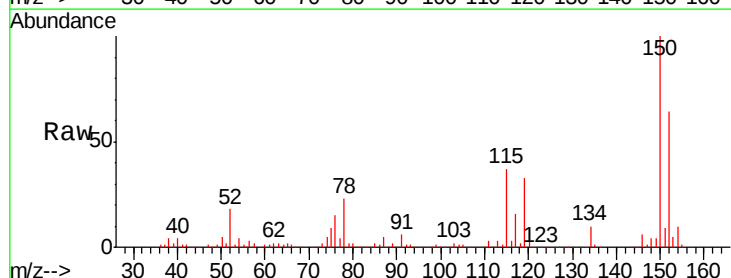


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

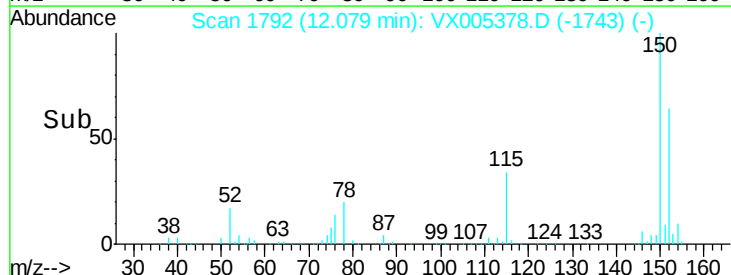
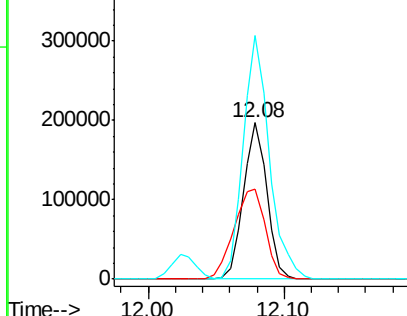


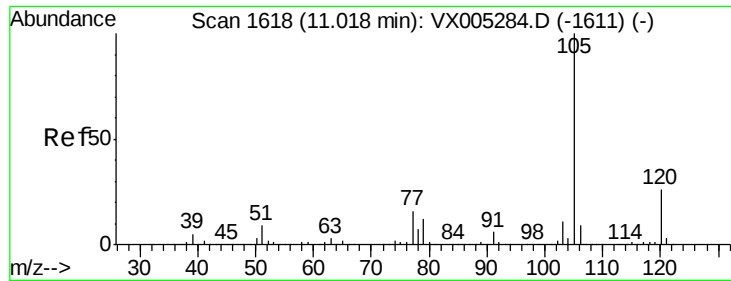
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.0	39.0	117.0
150	174.2	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.91 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 730724

Ion Ratio Lower Upper

105 100

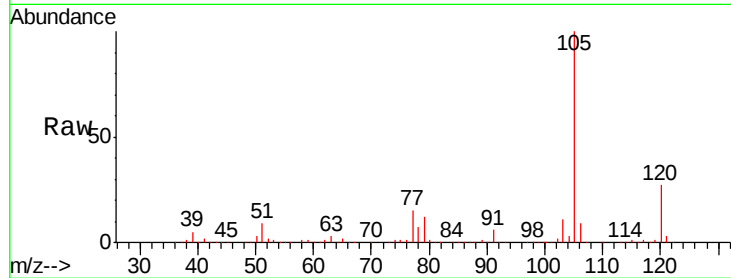
120 26.7 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

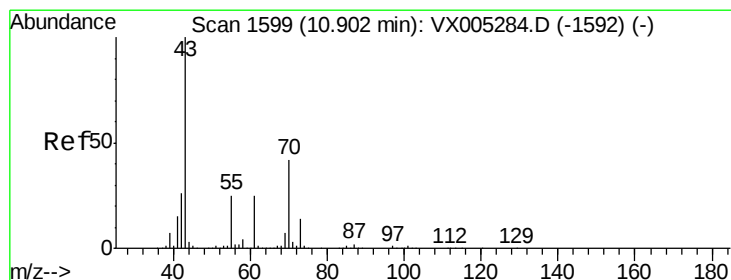
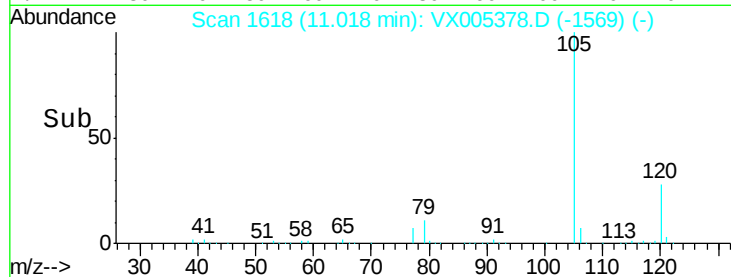
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 49.46 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion: 43 Resp: 335747

Ion Ratio Lower Upper

43 100

70 41.3 37.4 56.0

55 25.3 21.8 32.8

61 23.9 20.6 30.8

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

400000

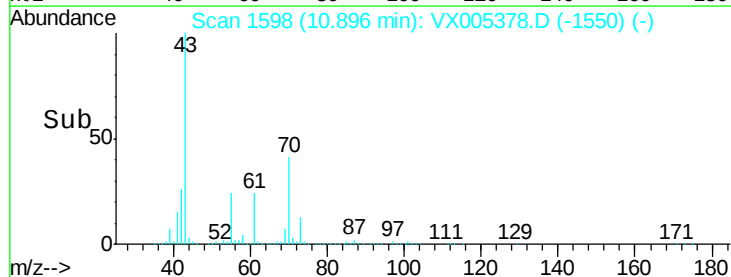
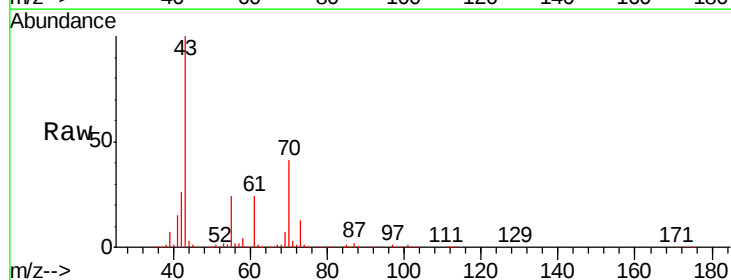
300000

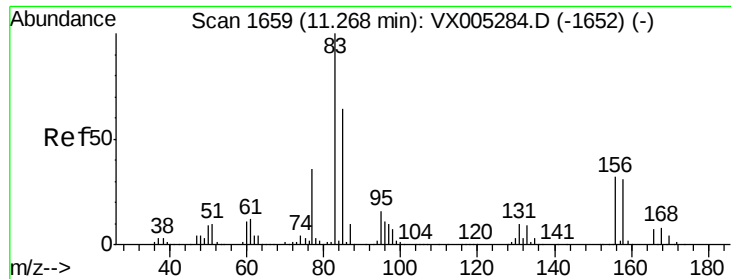
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.00 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

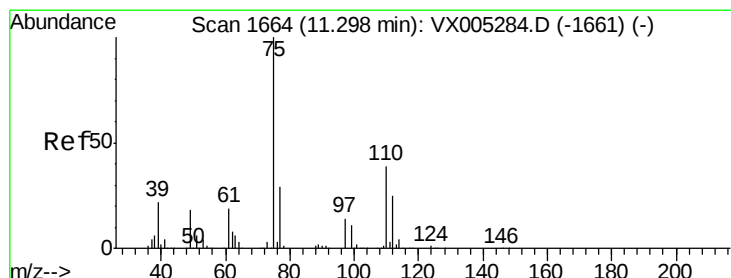
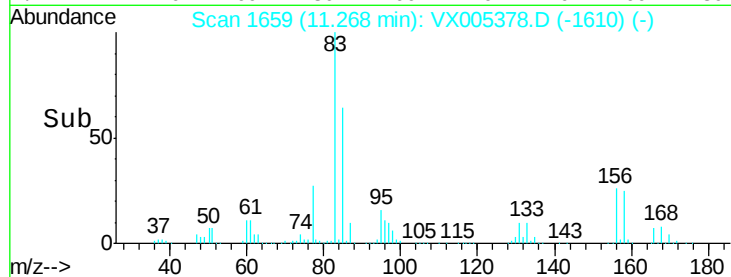
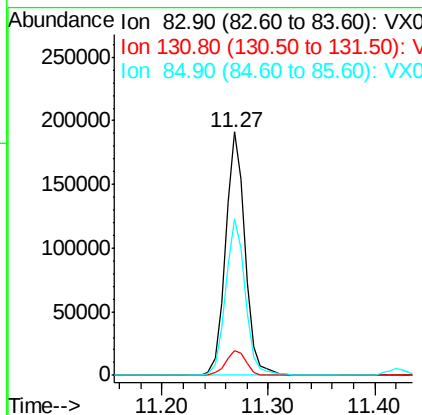
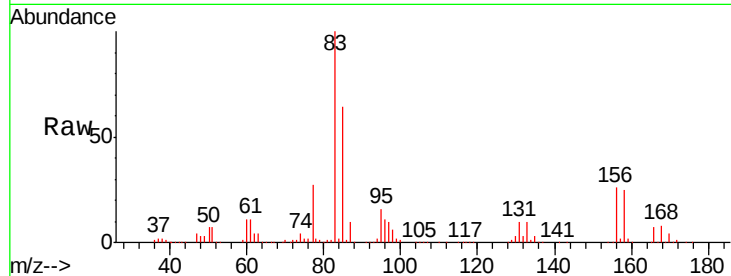
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	244262
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	64.9	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 57.98 ug/l m

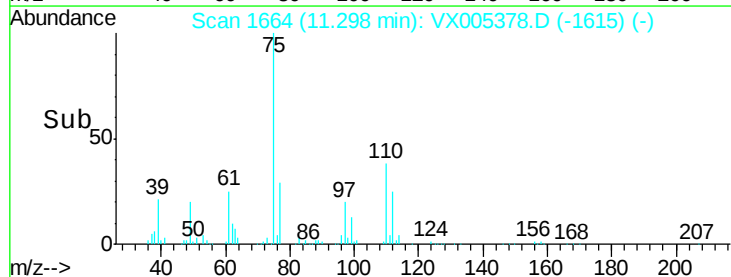
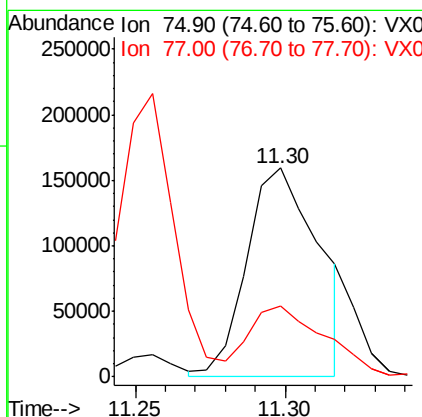
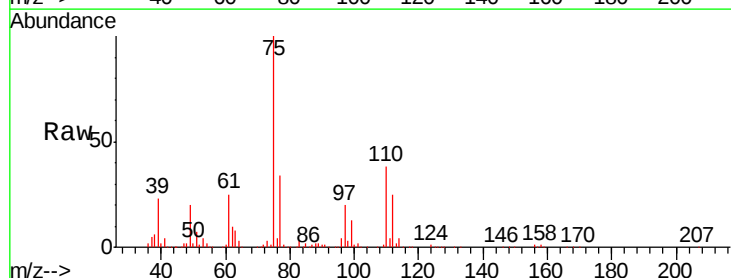
RT: 11.30 min Scan# 1664

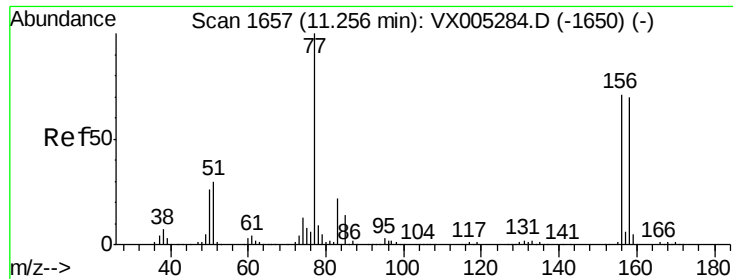
Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	75	Resp:	266285
Ion Ratio	Lower	Upper	
75	100		
77	35.5	20.2	60.6





#77

Bromobenzene

Concen: 49.47 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

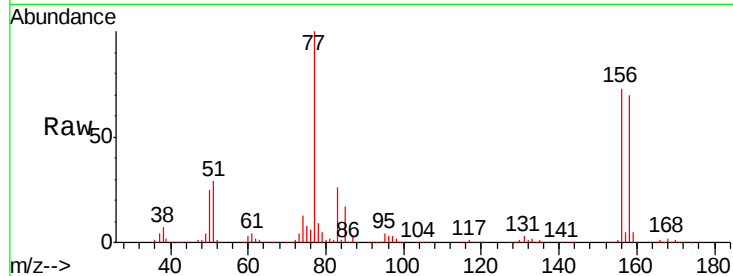
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	199091		
77	140.3	71.5	214.3	
158	97.4	48.9	146.8	

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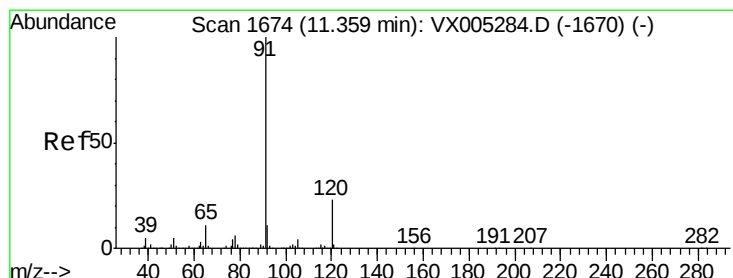
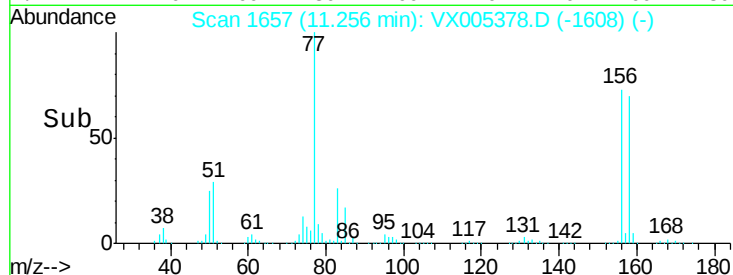
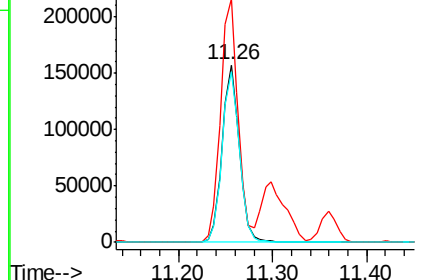
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.38 ug/l

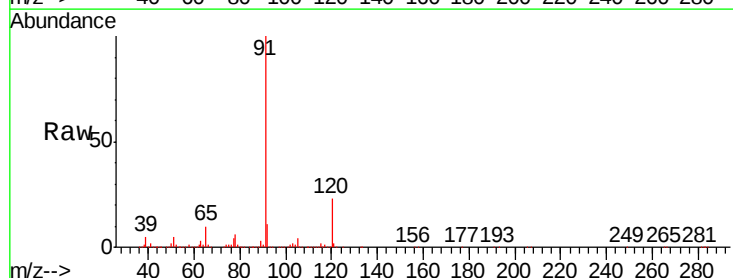
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005378.D

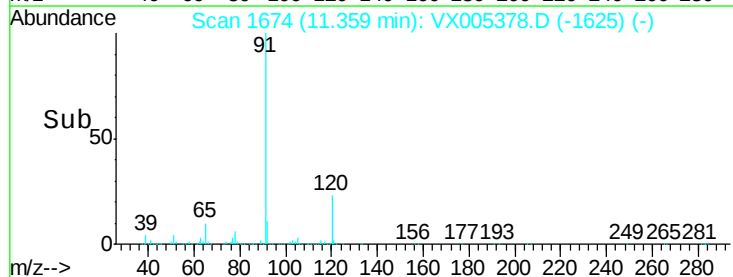
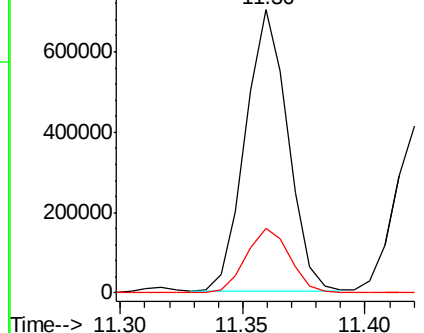
Acq: 17 Oct 2018 08:07

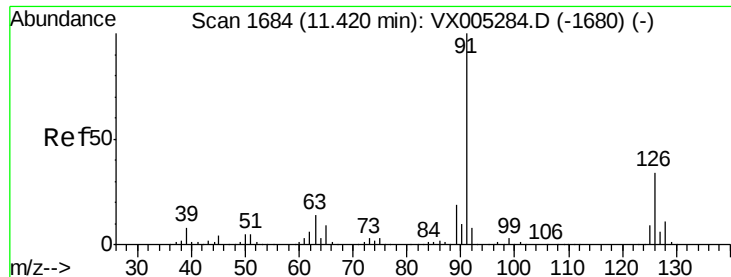
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	848486		
120	24.0	11.9	35.9	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.16 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 497533

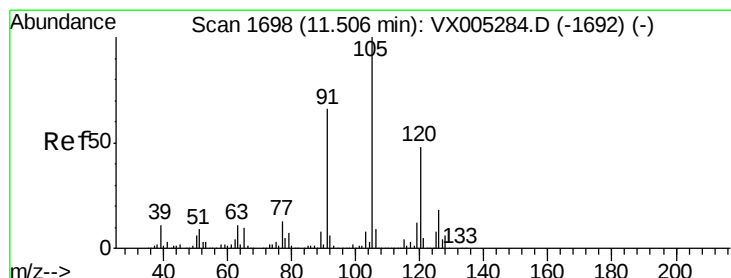
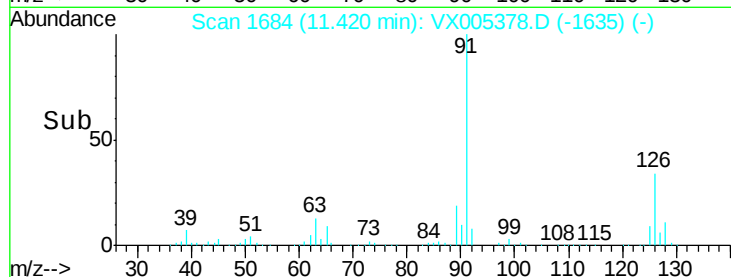
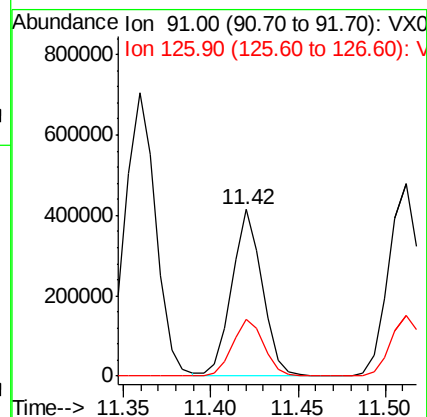
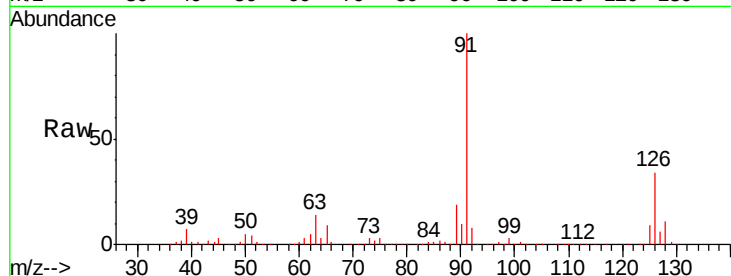
Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 52.38 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005378.D

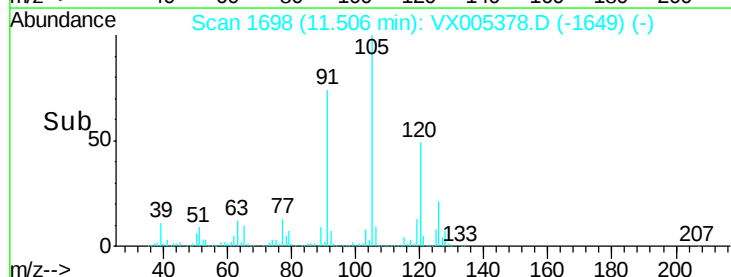
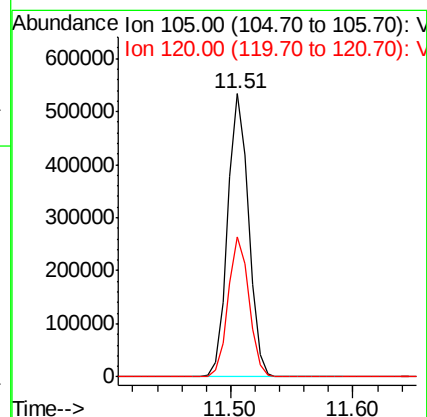
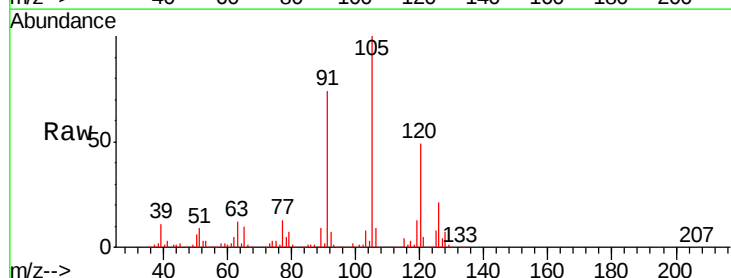
Acq: 17 Oct 2018 08:07

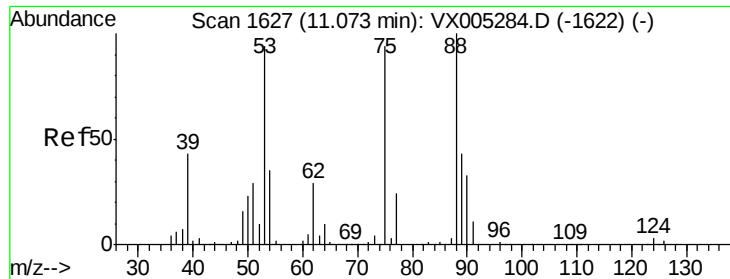
Tgt Ion: 105 Resp: 631381

Ion Ratio Lower Upper

105 100

120 49.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.16 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 75816

Ion Ratio Lower Upper

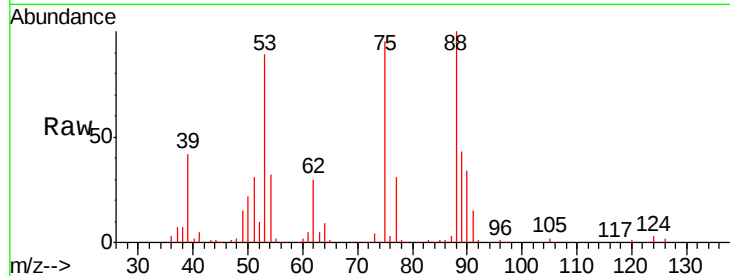
75 100

53 95.8 80.1 120.1

89 51.8 37.2 55.8

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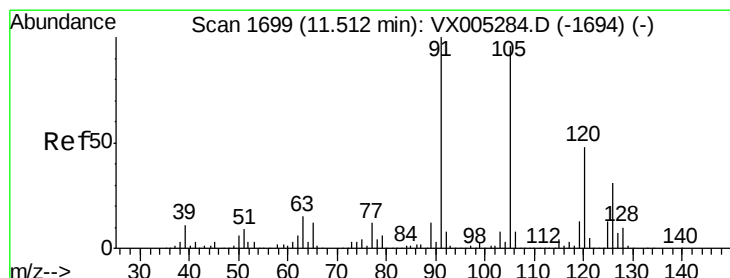
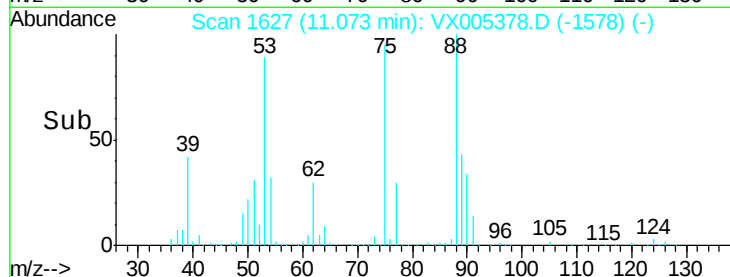
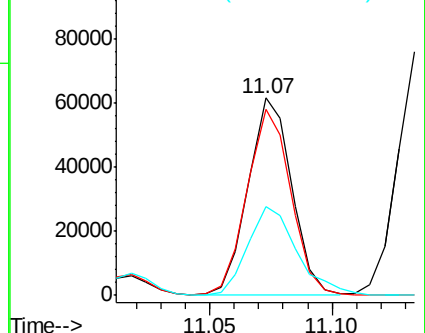
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.65 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005378.D

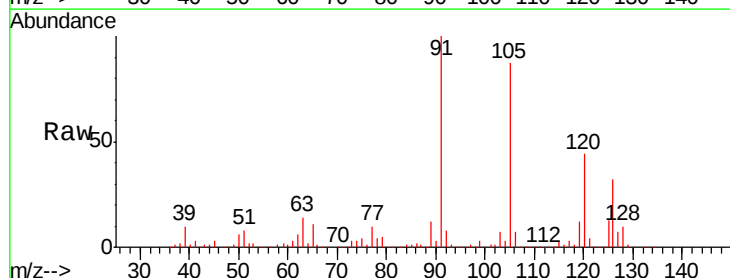
Acq: 17 Oct 2018 08:07

Tgt Ion: 91 Resp: 595579

Ion Ratio Lower Upper

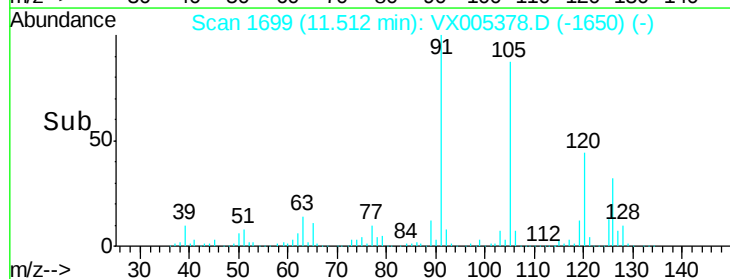
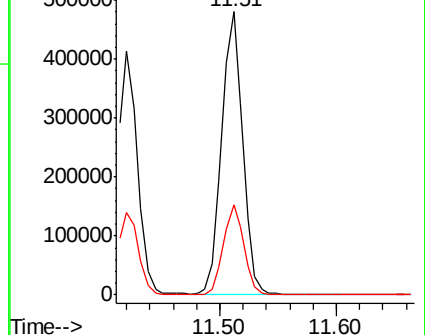
91 100

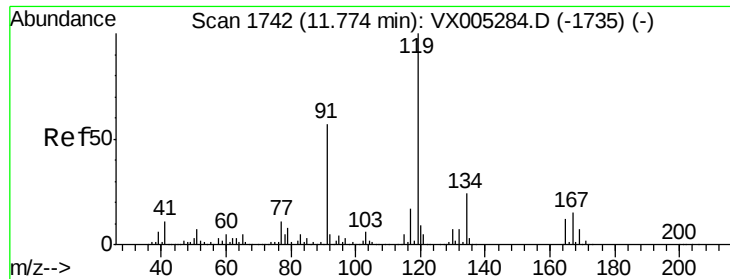
126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





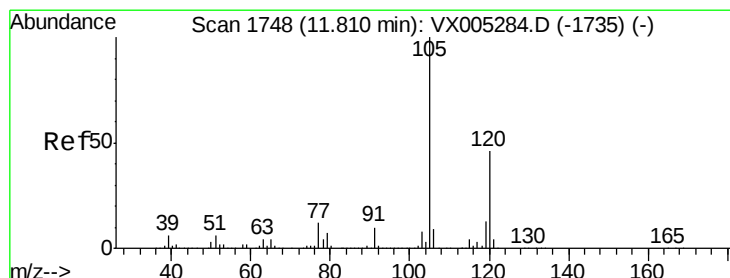
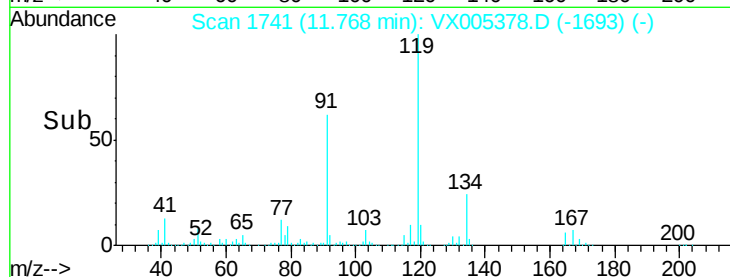
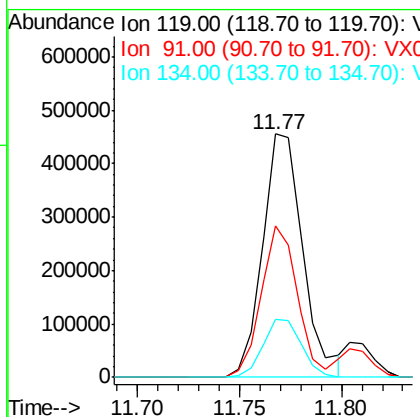
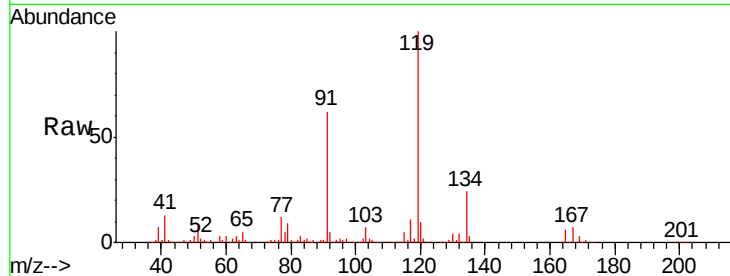
#83
 tert-Butylbenzene
 Concen: 51.51 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.0	81.0
134	22.9	11.7	35.1

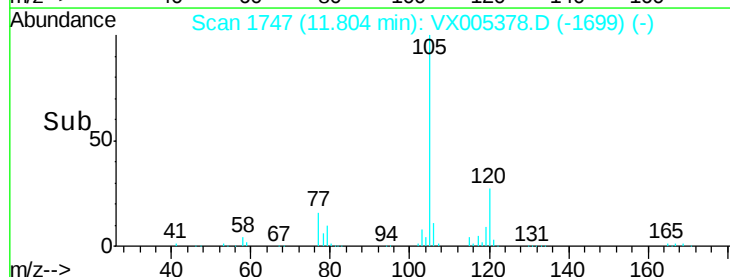
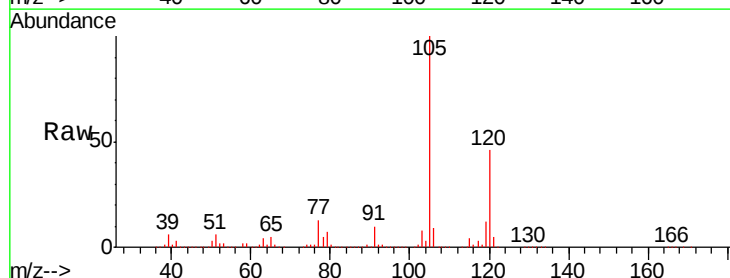
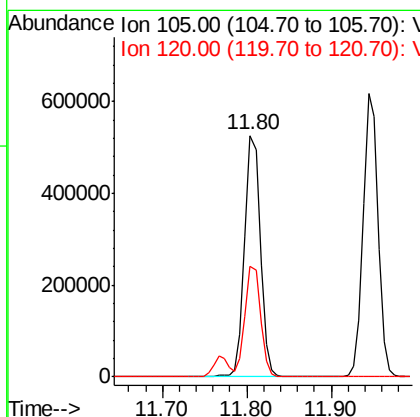
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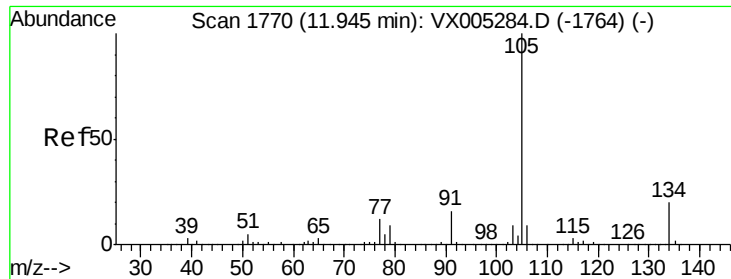
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.55 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.6





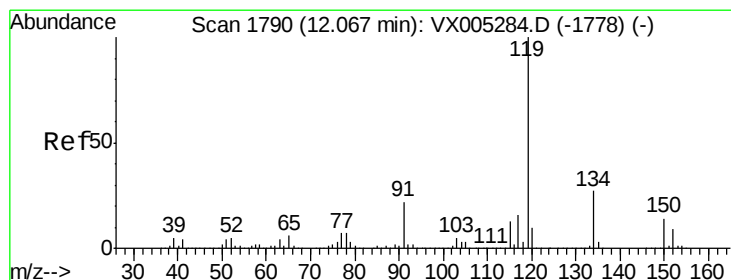
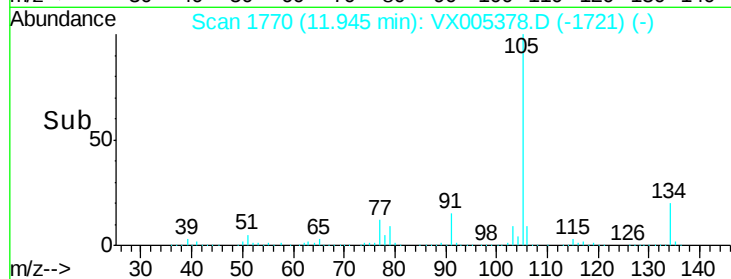
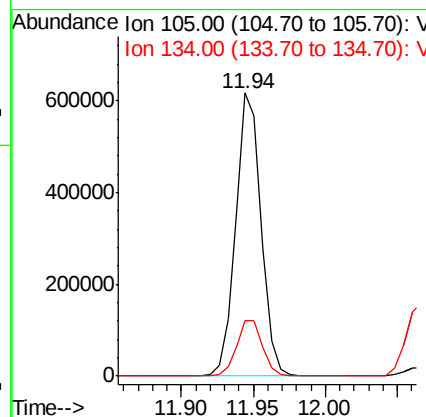
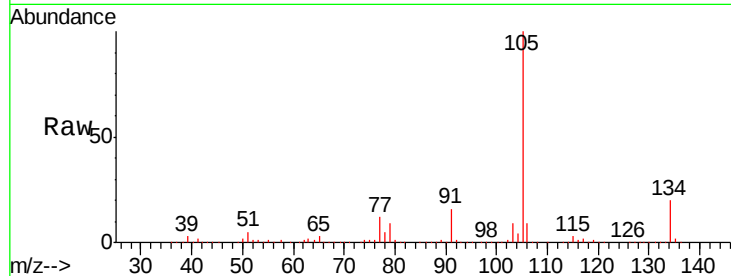
#85
 sec-Butylbenzene
 Concen: 52.93 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 764578
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5

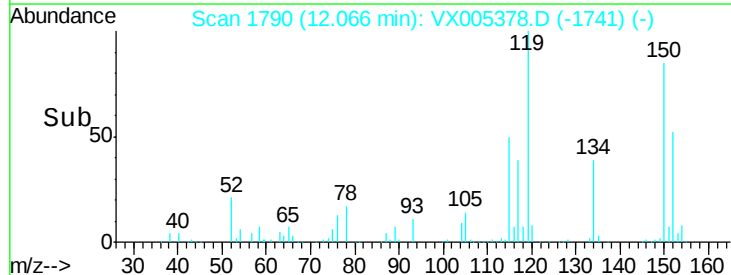
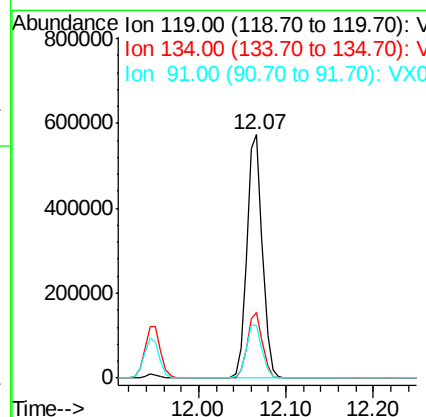
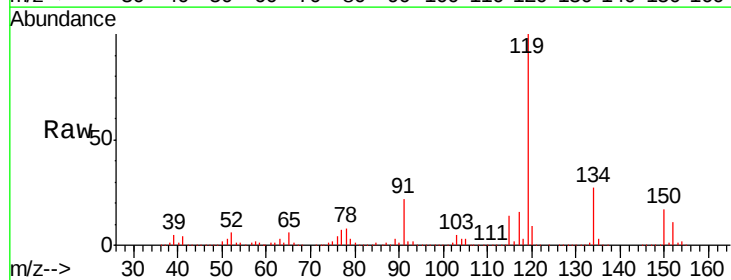
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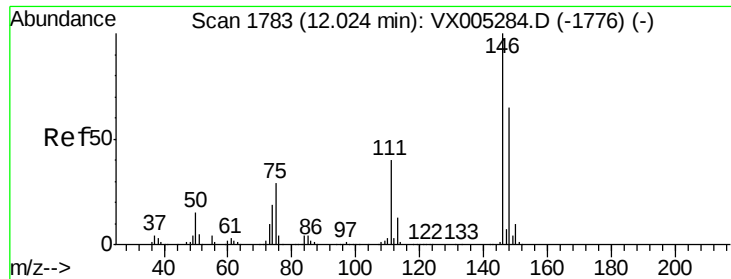
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#86
 p-Isopropyltoluene
 Concen: 54.07 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion:119 Resp: 705906
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 22.5 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 50.18 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 377378

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

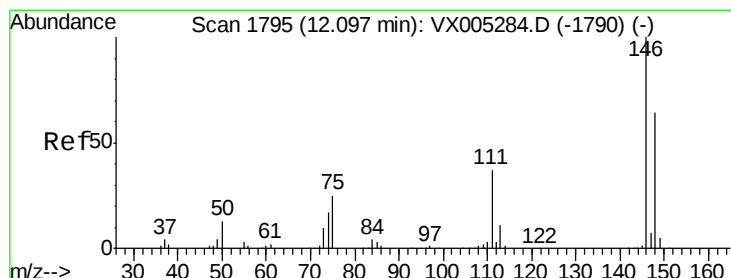
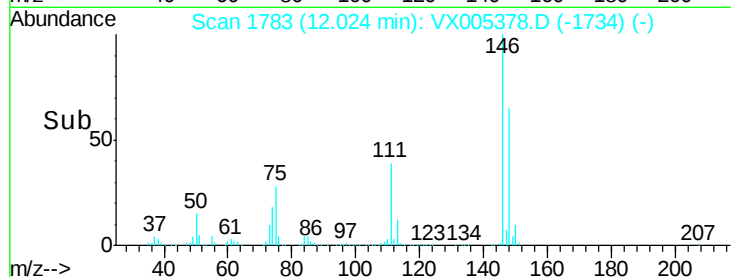
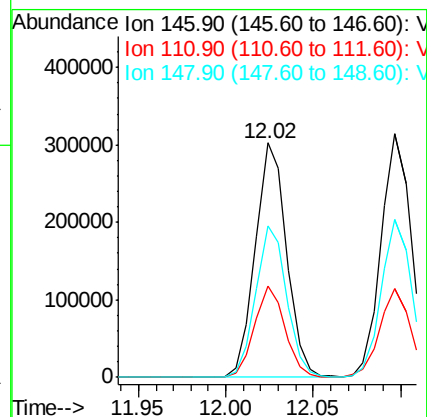
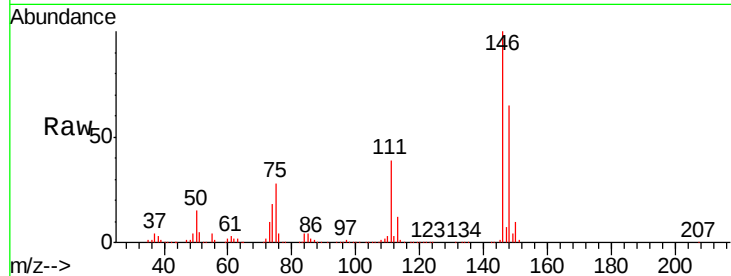
148 64.2 32.1 96.5

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#88

1,4-Dichlorobenzene

Concen: 49.52 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

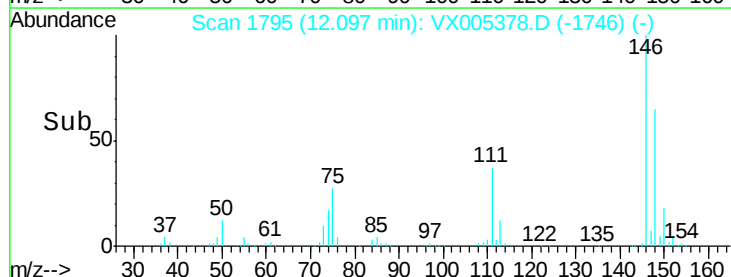
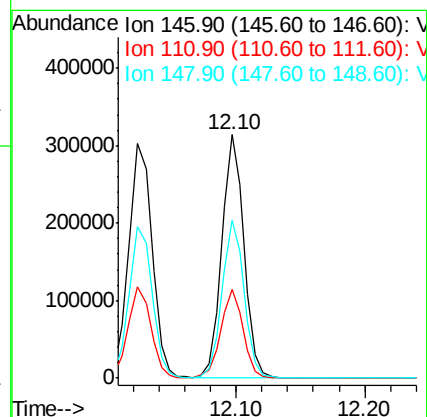
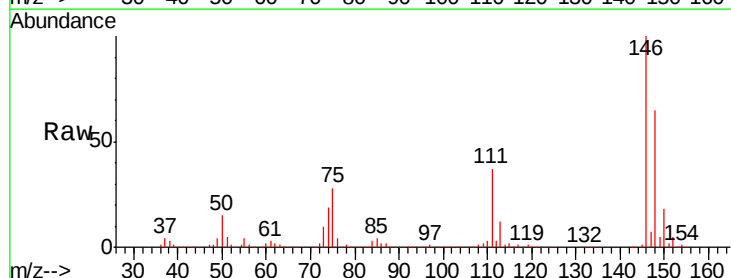
Tgt Ion:146 Resp: 380977

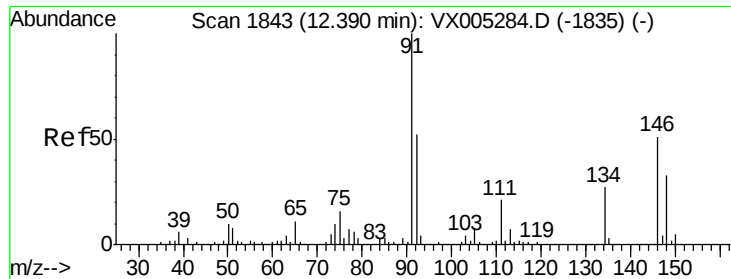
Ion Ratio Lower Upper

146 100

111 36.8 18.1 54.1

148 64.8 32.0 96.0





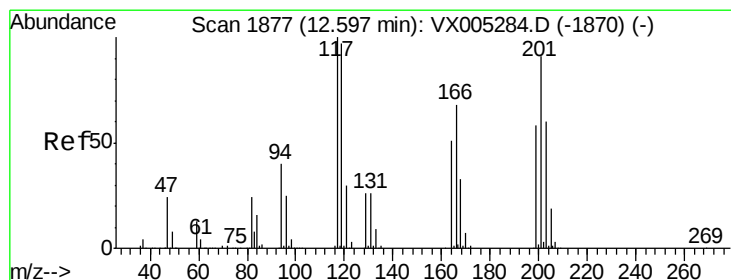
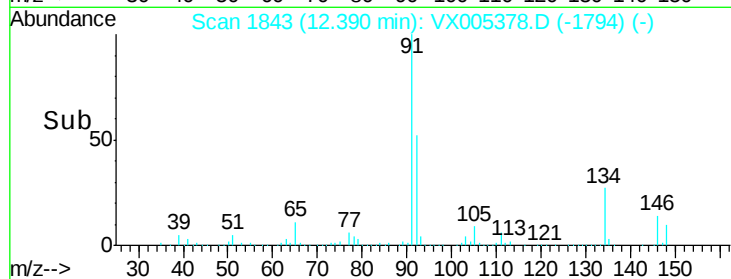
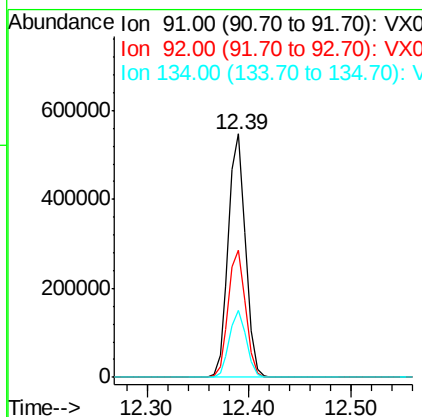
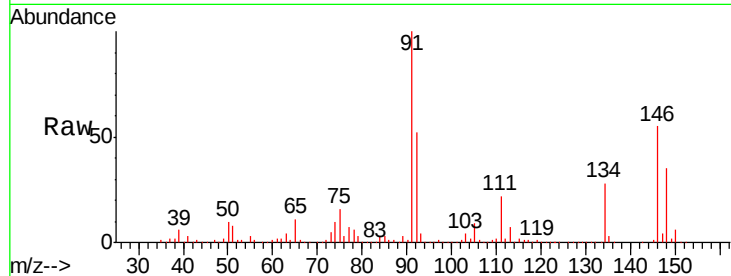
#89
n-Butylbenzene
Concen: 53.52 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 634423
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 27.2 13.6 40.7

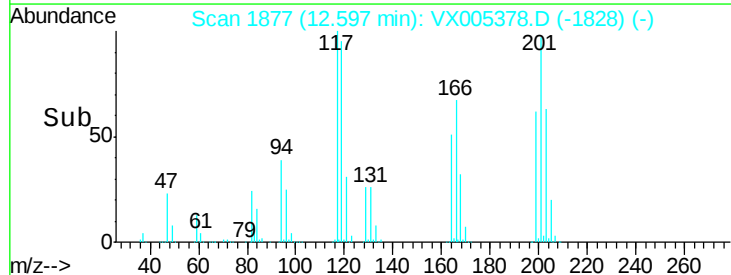
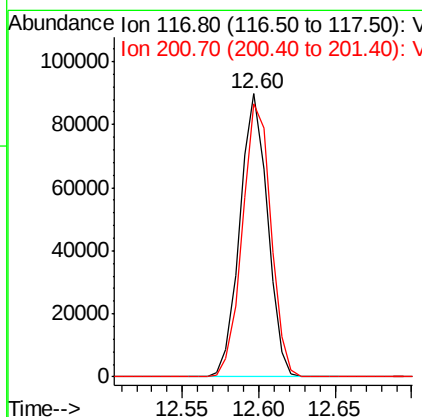
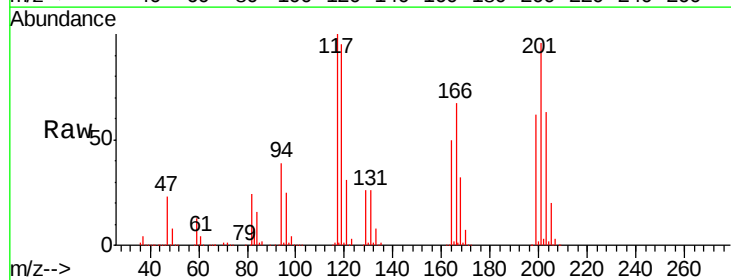
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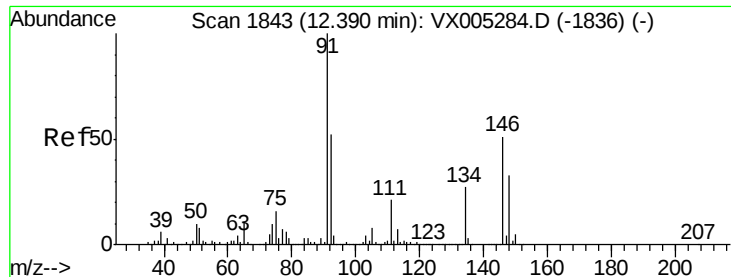
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#90
Hexachloroethane
Concen: 50.09 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion: 117 Resp: 112708
Ion Ratio Lower Upper
117 100
201 99.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 48.85 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Instrument :

MSVOA_X

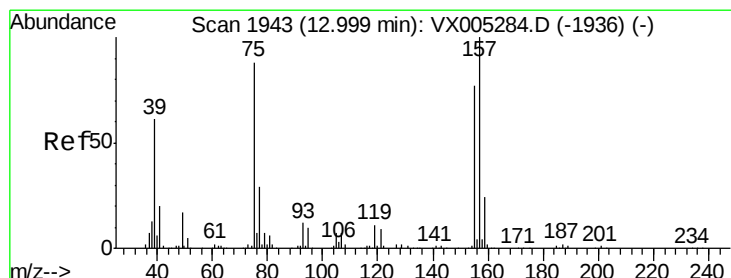
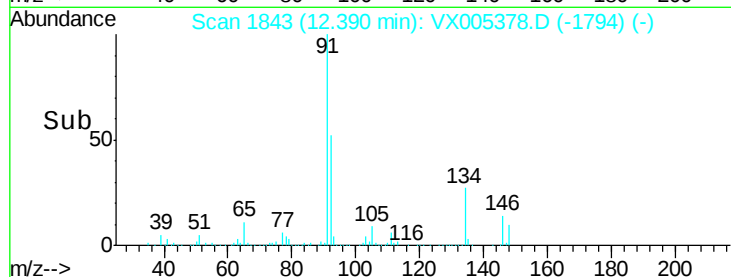
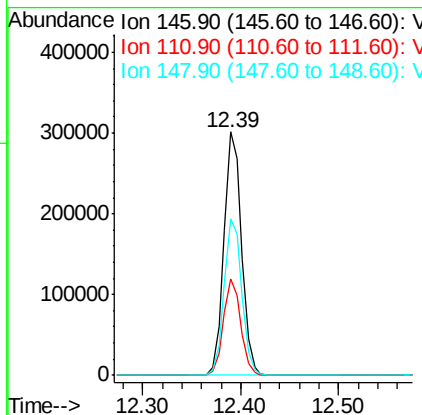
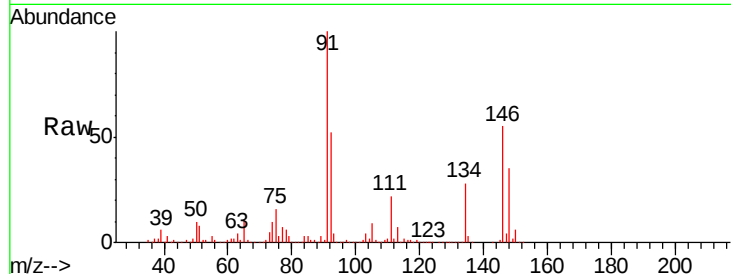
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	374882
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.4	58.1
148	64.5	32.8	98.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.91 ug/l

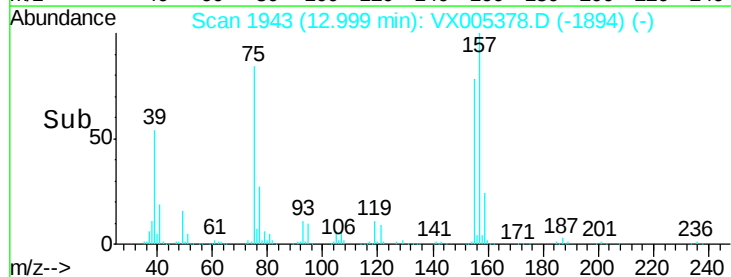
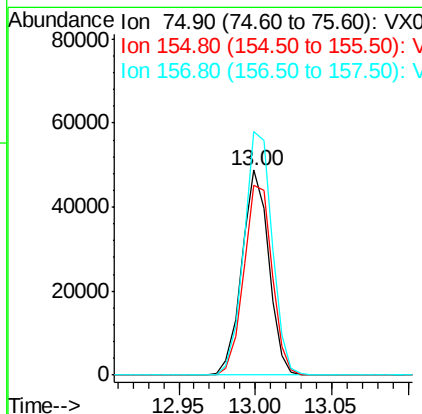
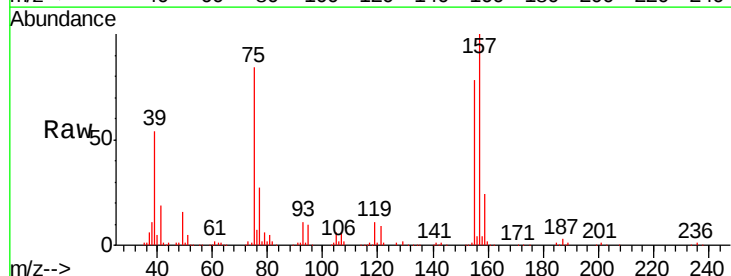
RT: 13.00 min Scan# 1943

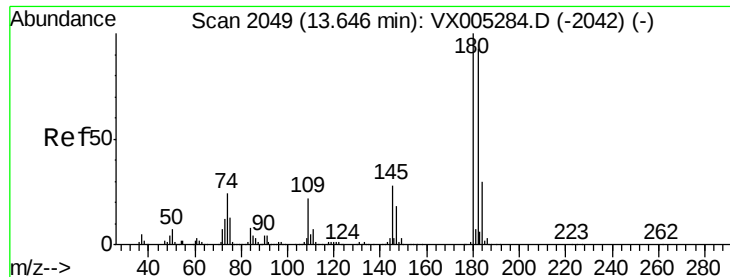
Delta R.T. -0.00 min

Lab File: VX005378.D

Acq: 17 Oct 2018 08:07

Tgt Ion:	75	Resp:	59469
Ion Ratio	Lower	Upper	
75	100		
155	97.3	48.0	144.2
157	124.7	61.4	184.1





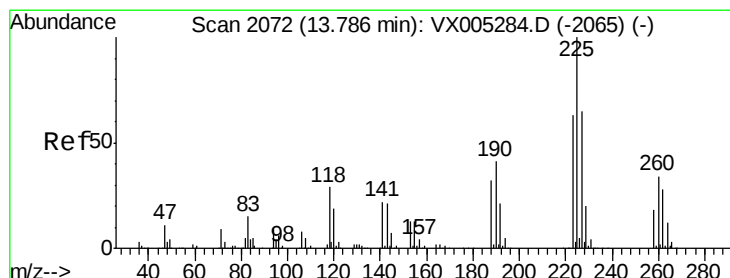
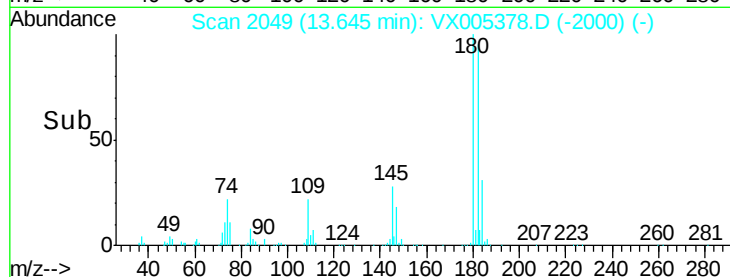
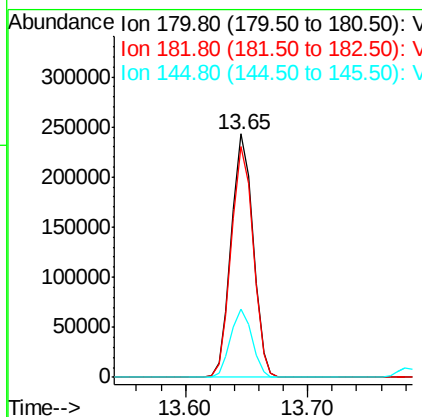
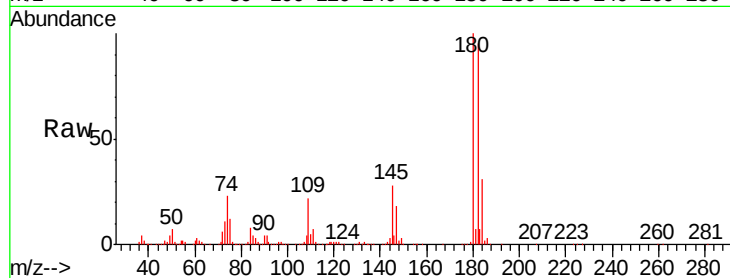
#93
 1,2,4-Trichlorobenzene
 Concen: 53.15 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299243		
182	95.3	48.4	145.0	
145	27.7	14.3	42.9	

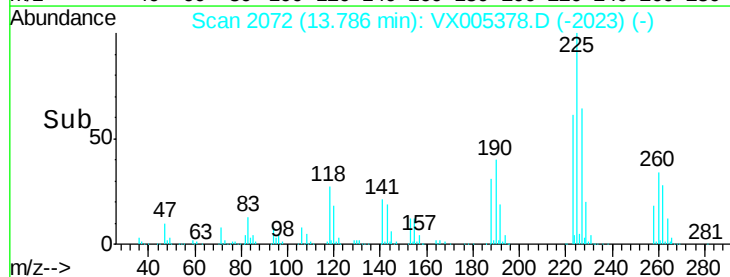
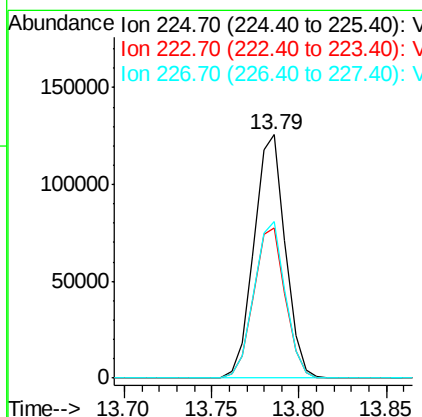
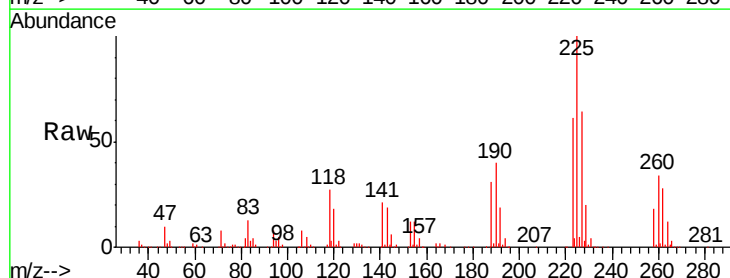
Manual Integrations
 APPROVED

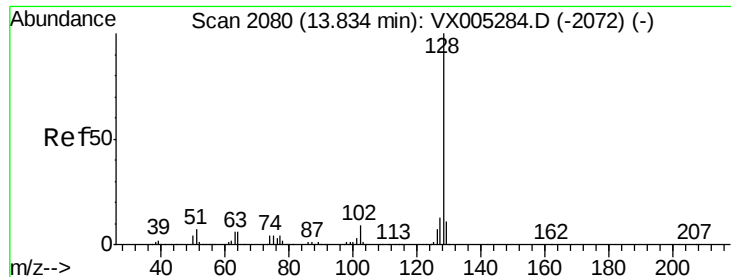
MMDadoda
 10/19/2018 12:23:05 PM



#94
 Hexachlorobutadiene
 Concen: 52.45 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005378.D
 Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155964		
223	62.3	30.1	90.5	
227	64.1	30.8	92.4	





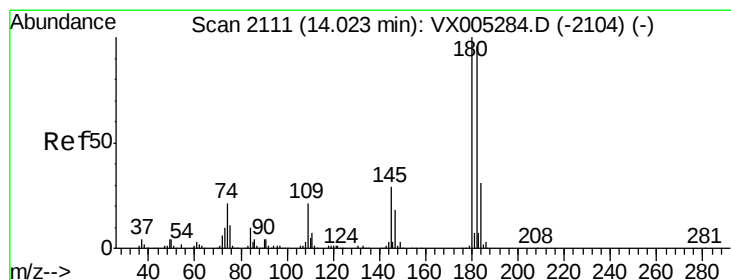
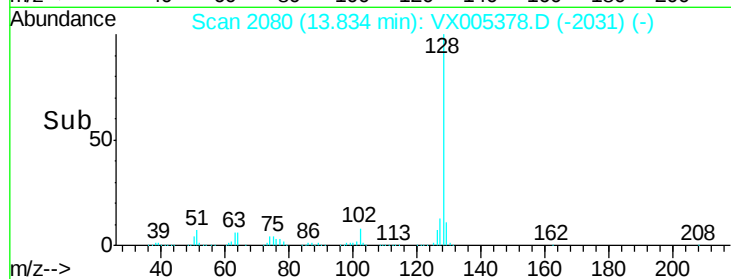
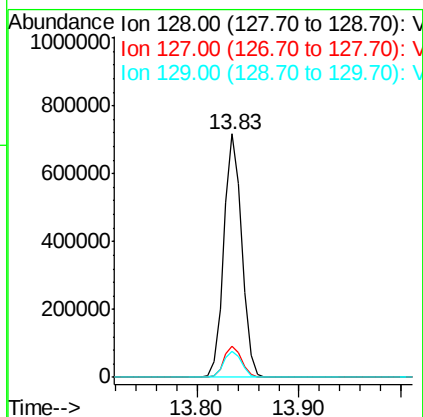
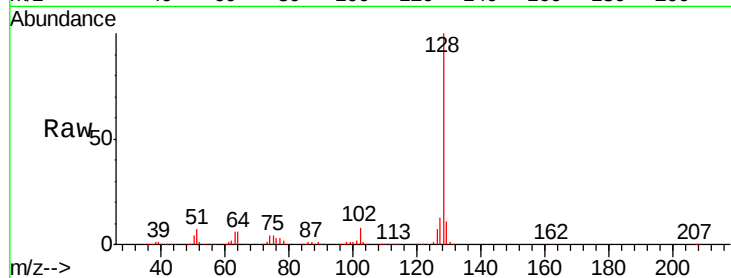
#95
Naphthalene
Concen: 53.47 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	873196		
127	12.8	10.2	15.2	
129	10.8	8.6	12.8	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.81 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005378.D
Acq: 17 Oct 2018 08:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	298476		
182	95.6	48.5	145.6	
145	29.2	14.9	44.9	

