

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000457.D
 Acq On : 27 Mar 2018 13:24
 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

MMDadoda
 3/28/2018 11:41:54 AM

Quant Time: Mar 28 07:18:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	140645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	225504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	232171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	86492	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	5.51	113	69115	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.72	98	282194	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.15	95	113001	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86407	55.75	ug/l	98
3) Chloromethane	1.32	50	75554	46.27	ug/l	99
4) Vinyl Chloride	1.40	62	92383	53.54	ug/l	98
5) Bromomethane	1.64	94	115248	55.78	ug/l	96
6) Chloroethane	1.72	64	58938	56.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	157941	50.71	ug/l	97
8) Diethyl Ether	2.19	74	54366	48.85	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87325	50.29	ug/l	96
10) Methyl Iodide	2.51	142	64945	38.79	ug/l	98
11) Tert butyl alcohol	3.07	59	169427	268.29	ug/l	100
12) 1,1-Dichloroethene	2.38	96	76763	50.35	ug/l	98
13) Acrolein	2.29	56	49126	244.01	ug/l	99
14) Allyl chloride	2.73	41	141330	52.50	ug/l	97
15) Acrylonitrile	3.15	53	324380	253.61	ug/l	100
16) Acetone	2.45	43	424876	278.20	ug/l	96
17) Carbon Disulfide	2.57	76	217113	53.54	ug/l	100
18) Methyl Acetate	2.78	43	163429	51.04	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	275163	48.80	ug/l	99
20) Methylene Chloride	2.86	84	85580	48.51	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	83843	49.30	ug/l	95
22) Diisopropyl ether	3.87	45	273558	57.40	ug/l	97
23) Vinyl Acetate	3.83	43	1330066	294.41	ug/l	99
24) 1,1-Dichloroethane	3.70	63	153831	51.34	ug/l	98
25) 2-Butanone	4.71	43	453717	264.30	ug/l	98
26) 2,2-Dichloropropane	4.59	77	106754	50.83	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77826	48.97	ug/l	98
28) Bromochloromethane	5.03	49	80242	64.95	ug/l	100
29) Tetrahydrofuran	5.17	42	282342	267.32	ug/l	98
30) Chloroform	5.23	83	147961	52.69	ug/l	94
31) Cyclohexane	5.59	56	120503	52.03	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	128875	50.87	ug/l	98
36) 1,1-Dichloropropene	5.81	75	109972	52.06	ug/l	98
37) Ethyl Acetate	4.87	43	149719	51.89	ug/l	99
38) Carbon Tetrachloride	5.79	117	115519	52.13	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	148447	57.79	ug/l	98
40) Benzene	6.15	78	329110	53.65	ug/l	95
41) Methacrylonitrile	5.07	41	76362	50.20	ug/l	99
42) 1,2-Dichloroethane	6.20	62	126057	52.38	ug/l	99
43) Isopropyl Acetate	6.48	43	235017	54.72	ug/l	99
44) Trichloroethene	7.22	130	92290	52.52	ug/l	97
45) 1,2-Dichloropropane	7.52	63	85153	54.23	ug/l	98
46) Dibromomethane	7.67	93	64317	52.19	ug/l	97
47) Bromodichloromethane	7.90	83	125815	58.02	ug/l	97
48) Methyl methacrylate	7.79	41	115504	55.39	ug/l	99
49) 1,4-Dioxane	7.76	88	49041	1118.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	932496	280.49	ug/l	99
52) Toluene	8.79	92	232828	54.29	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	142624	56.76	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	141684	58.13	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	95327	54.05	ug/l	96
56) Ethyl methacrylate	9.19	69	147739	55.29	ug/l	100
57) 1,3-Dichloropropane	9.38	76	157604	55.87	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	341263	266.08	ug/l	99
59) 2-Hexanone	9.51	43	811310	287.41	ug/l	99
60) Dibromochloromethane	9.59	129	102983	49.40	ug/l	100
61) 1,2-Dibromoethane	9.68	107	103255	54.60	ug/l	99
64) Tetrachloroethene	9.34	164	94931	52.69	ug/l	98
65) Chlorobenzene	10.15	112	267580	51.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	93317	53.18	ug/l	98
67) Ethyl Benzene	10.26	91	462881	52.85	ug/l	100
68) m/p-Xylenes	10.37	106	371843	107.89	ug/l	100
69) o-Xylene	10.71	106	178714	53.55	ug/l	99
70) Styrene	10.72	104	306051	55.43	ug/l	100
71) Bromoform	10.87	173	81936	45.31	ug/l #	97
73) Isopropylbenzene	11.02	105	495673	49.14	ug/l	100
74) N-amyl acetate	6.48	43	235017	53.70	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	177845	49.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	160126m	48.94	ug/l	
77) Bromobenzene	11.26	156	123163	45.83	ug/l	100
78) n-propylbenzene	11.37	91	605613	50.35	ug/l	99
79) 2-Chlorotoluene	11.43	91	335554	48.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	448635	52.90	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	53699	53.14	ug/l	99
82) 4-Chlorotoluene	11.52	91	432340	52.11	ug/l	99
83) tert-Butylbenzene	11.78	119	429193	50.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	467145	52.53	ug/l	100
85) sec-Butylbenzene	11.96	105	553405	52.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	509676	54.22	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	251456	49.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274599	51.48	ug/l	99
89) n-Butylbenzene	12.40	91	482548	55.14	ug/l	100
90) Hexachloroethane	12.60	117	78555	53.09	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	258609	51.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48613	48.86	ug/l	96

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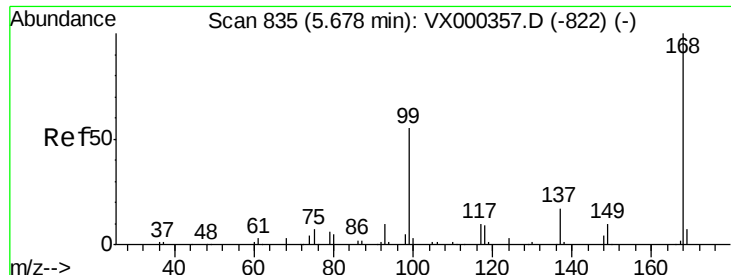
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181650	50.87	ug/l	98
94) Hexachlorobutadiene	13.79	225	79320	53.65	ug/l	98
95) Naphthalene	13.84	128	621886	49.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	172987	49.02	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 140645

Ion Ratio Lower Upper

168 100

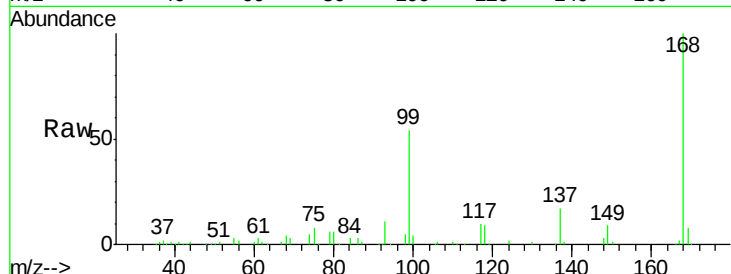
99 53.6 45.8 68.6

Manual Integrations

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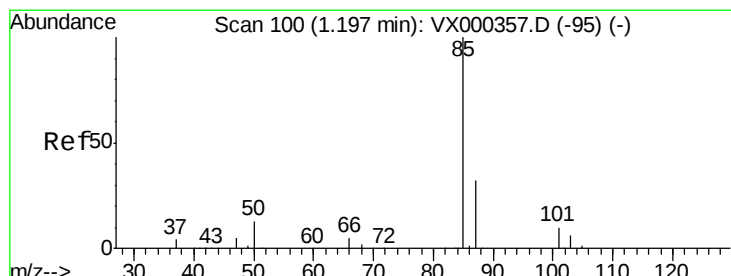
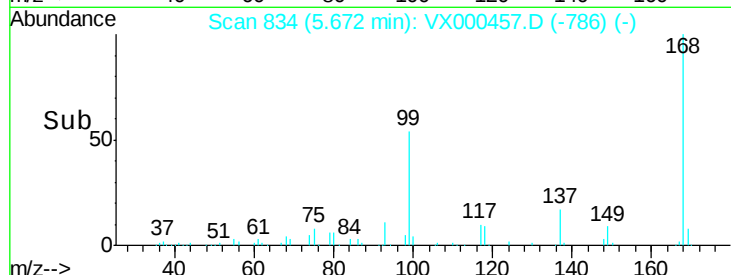
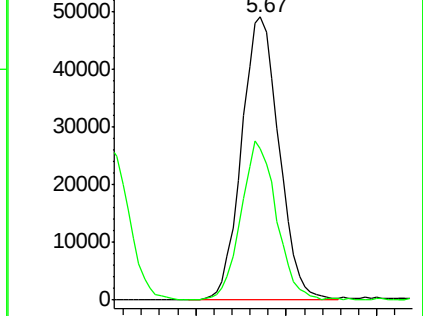
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000457.D

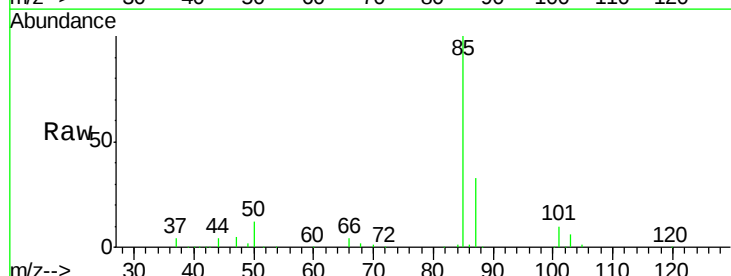
Acq: 27 Mar 2018 13:24

Tgt Ion: 85 Resp: 86407

Ion Ratio Lower Upper

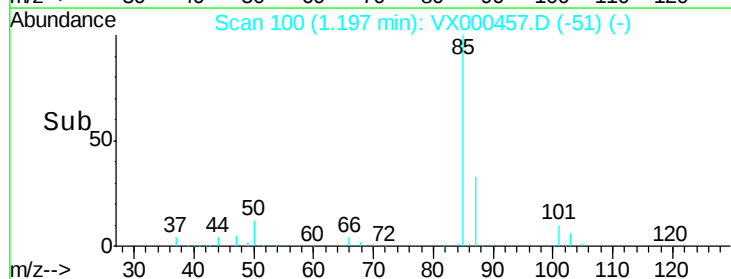
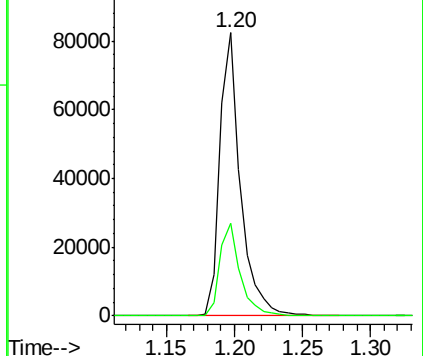
85 100

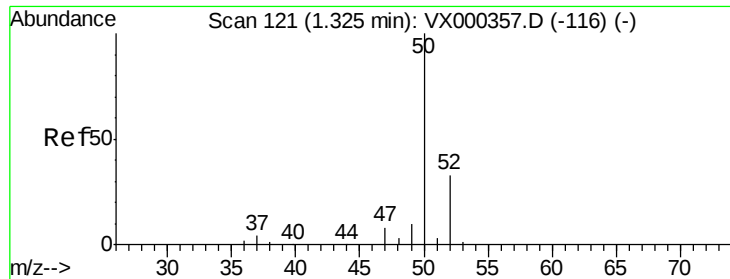
87 32.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 75554

Ion Ratio Lower Upper

50 100

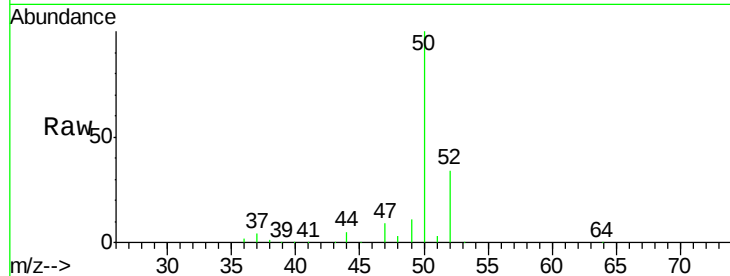
52 33.7 27.5 41.3

Manual Integrations

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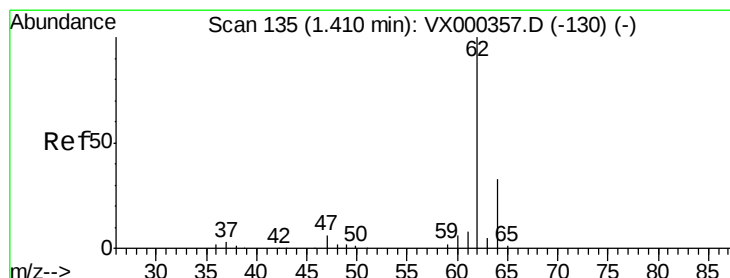
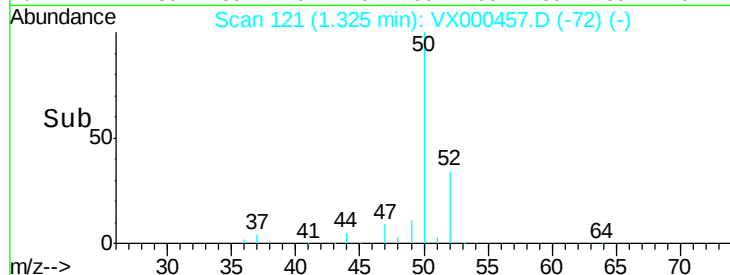
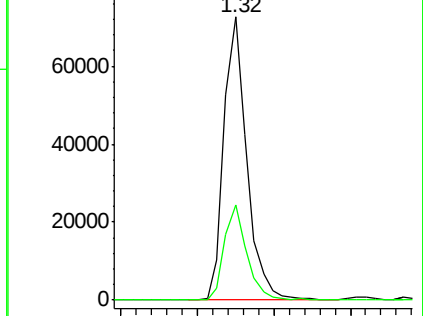
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.54 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000457.D

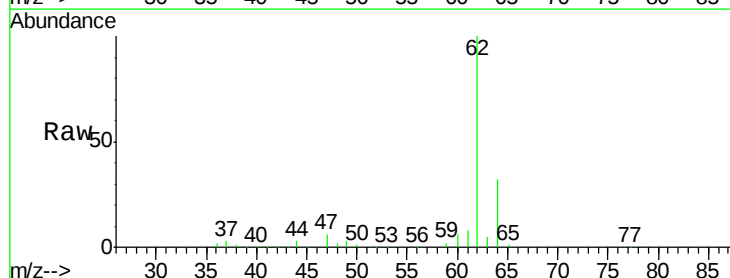
Acq: 27 Mar 2018 13:24

Tgt Ion: 62 Resp: 92383

Ion Ratio Lower Upper

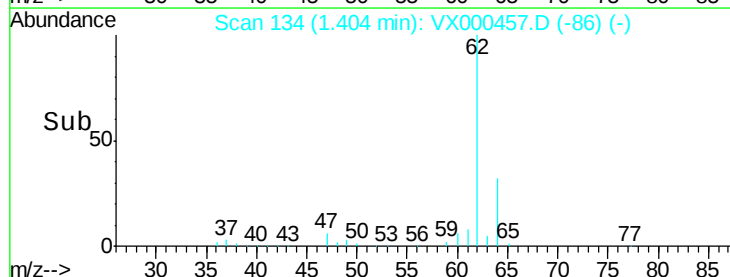
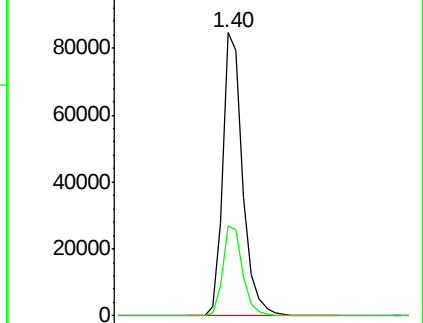
62 100

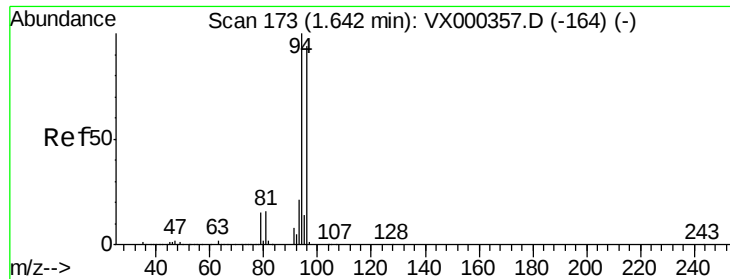
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.78 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 115248

Ion Ratio Lower Upper

94 100

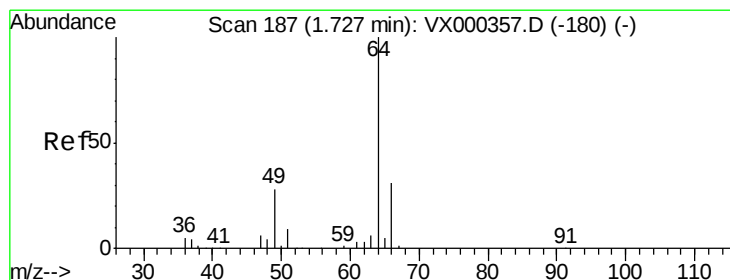
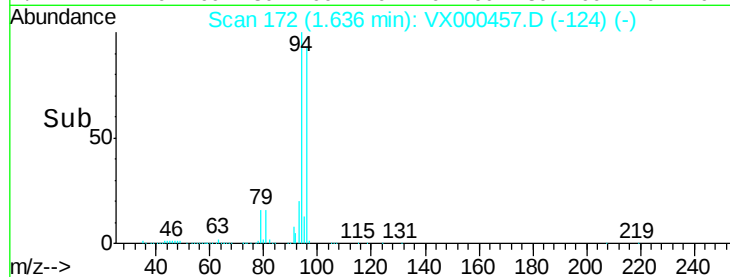
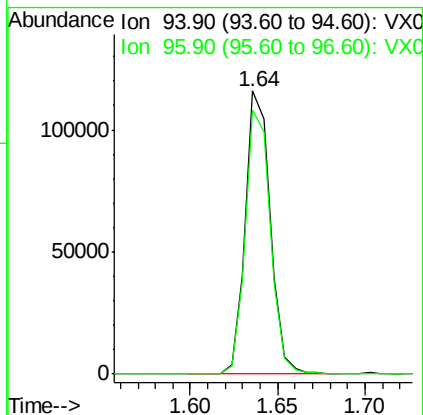
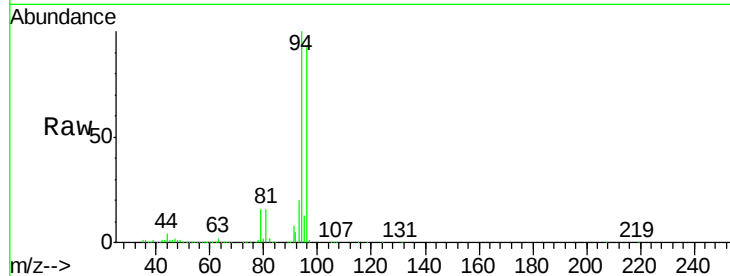
96 93.4 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 56.62 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000457.D

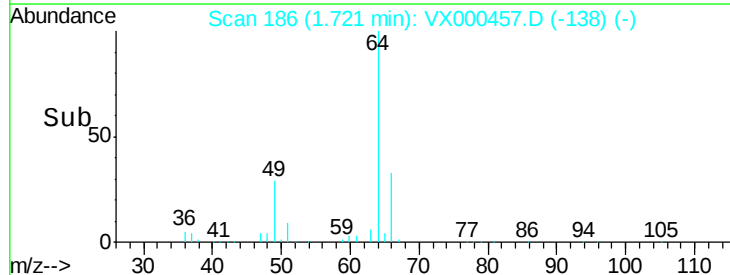
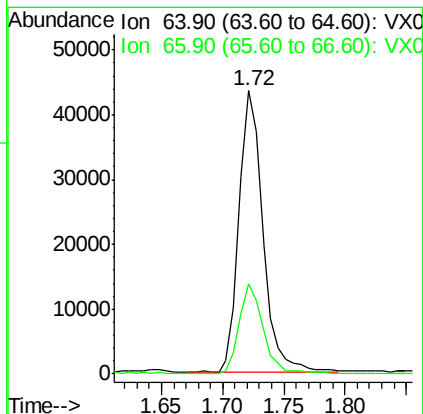
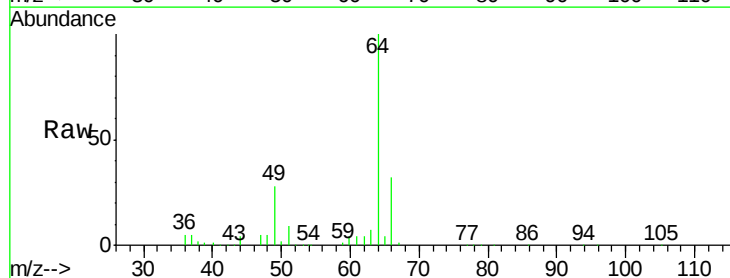
Acq: 27 Mar 2018 13:24

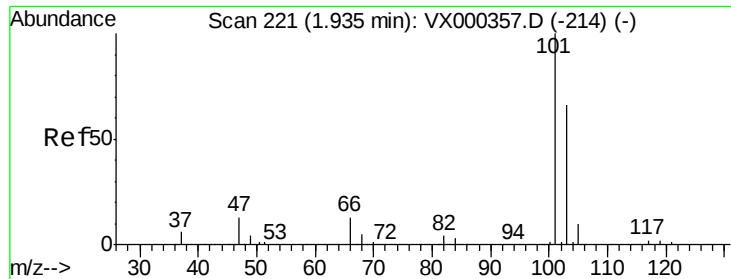
Tgt Ion: 64 Resp: 58938

Ion Ratio Lower Upper

64 100

66 32.2 24.8 37.2





#7

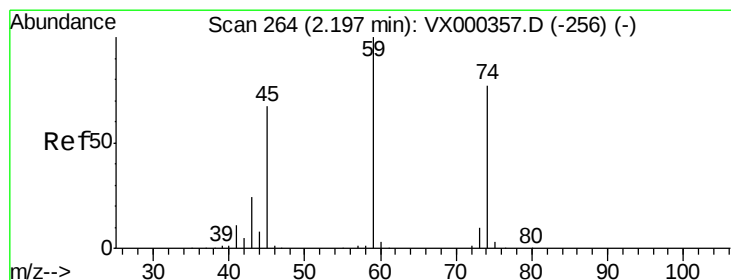
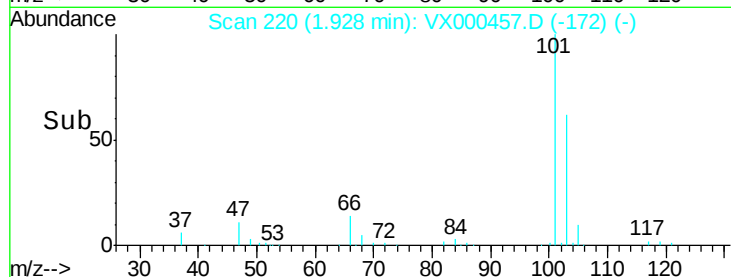
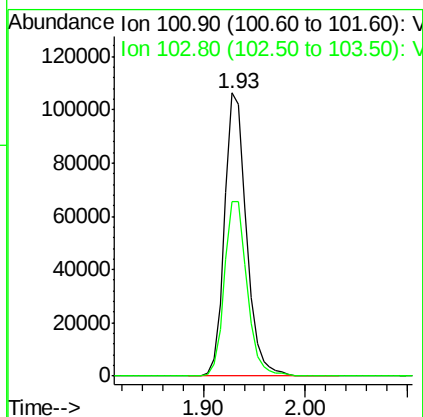
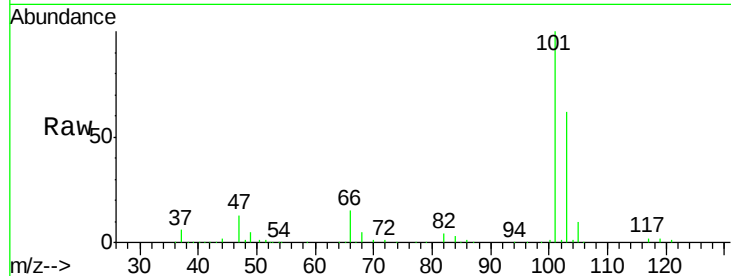
Trichlorofluoromethane
 Concen: 50.71 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.6	77.4

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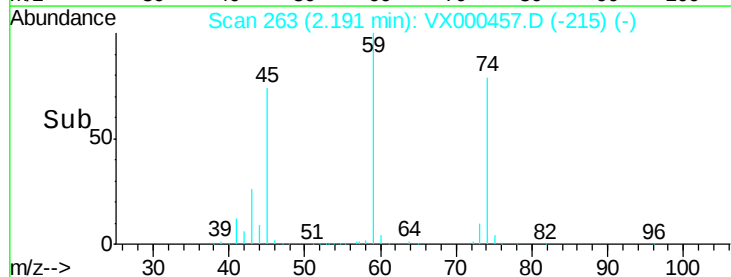
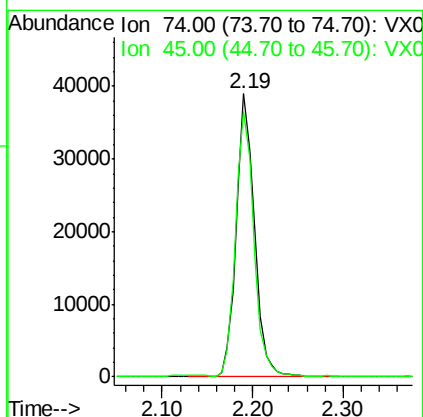
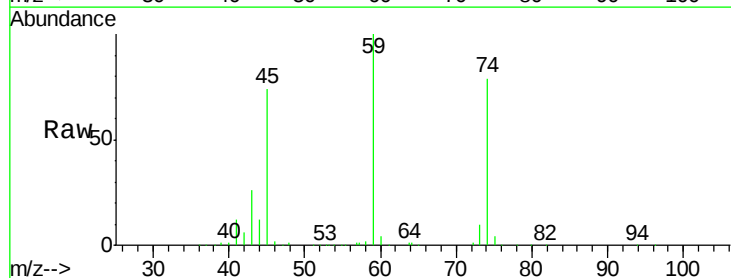
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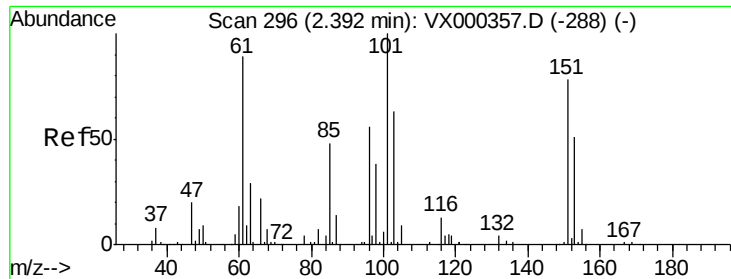


#8

Diethyl Ether
 Concen: 48.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000457.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

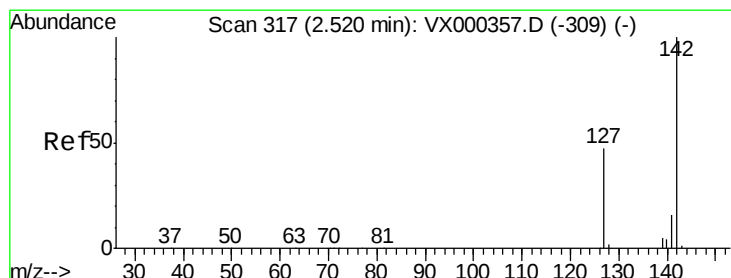
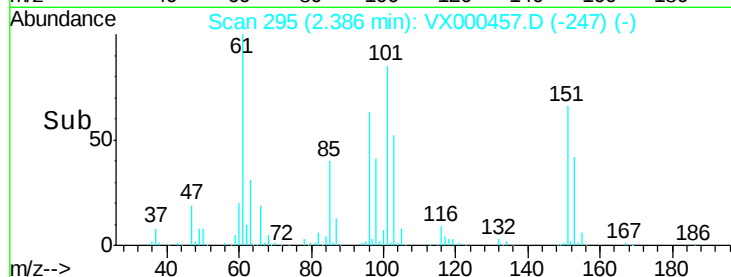
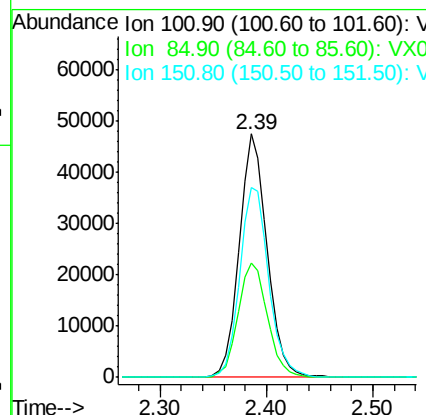
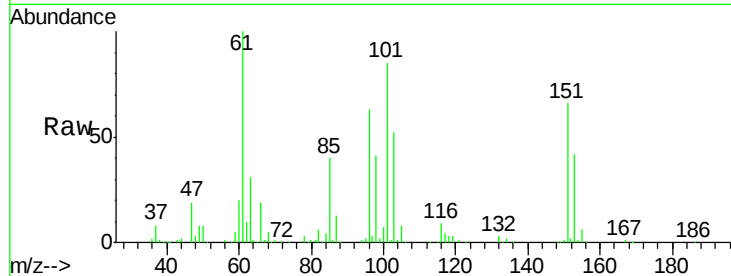
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	87325
Ion Ratio	Lower	Upper	
101	100		
85	49.5	37.6	56.4
151	81.3	62.6	93.8

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#10

Methyl Iodide

Concen: 38.79 ug/l

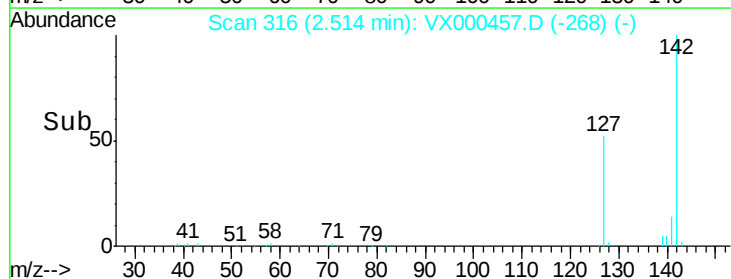
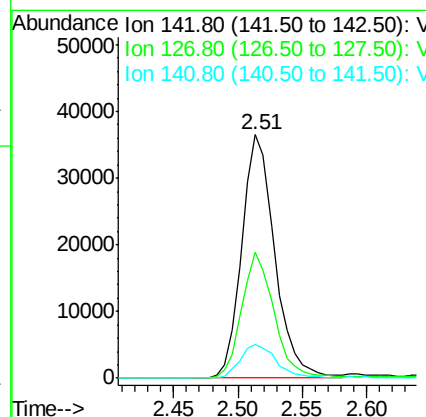
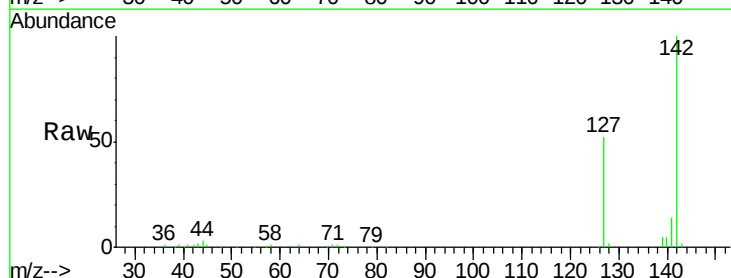
RT: 2.51 min Scan# 316

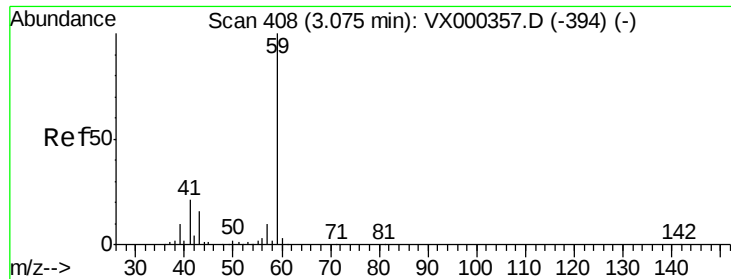
Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion:	142	Resp:	64945
Ion Ratio	Lower	Upper	
142	100		
127	50.6	39.2	58.8
141	14.9	11.7	17.5





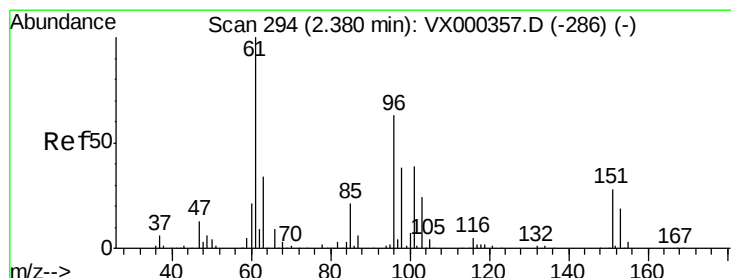
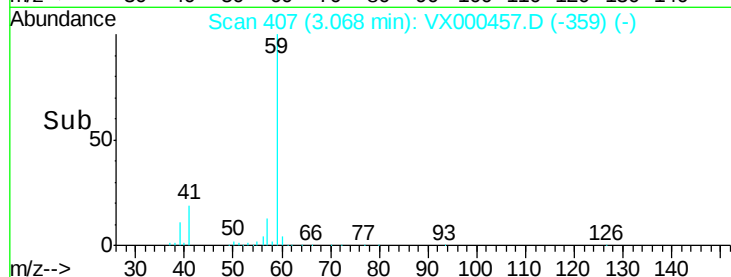
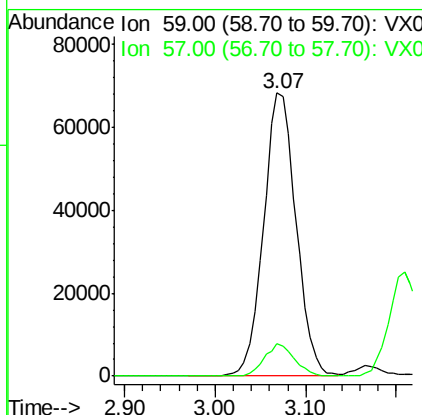
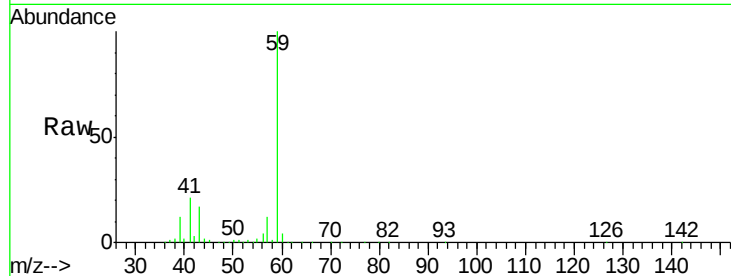
#11
Tert butyl alcohol
Concen: 268.29 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	169427
Ion Ratio	100	Lower	Upper
57	10.6	8.4	12.6

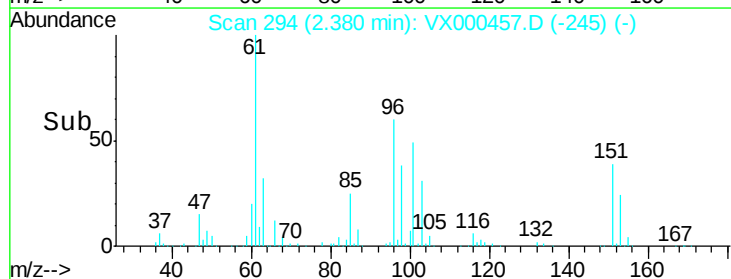
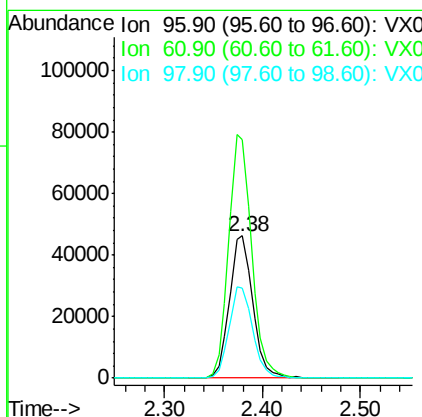
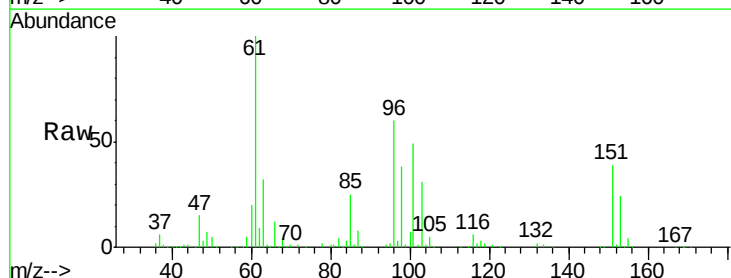
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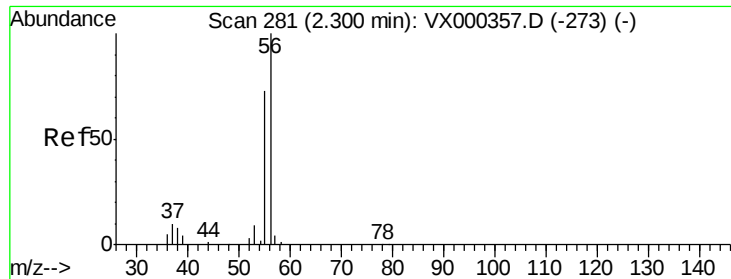
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.35 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	96	Resp	76763
Ion Ratio	100	Lower	Upper
61	167.5	131.2	196.8
98	63.5	49.8	74.8





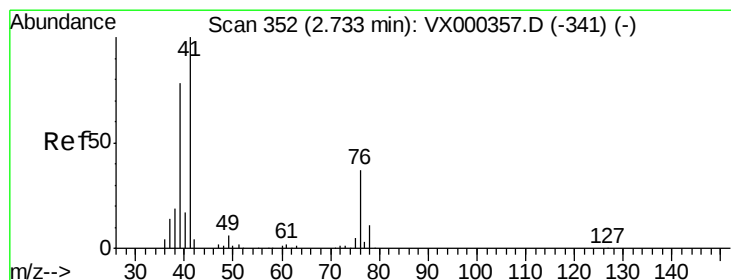
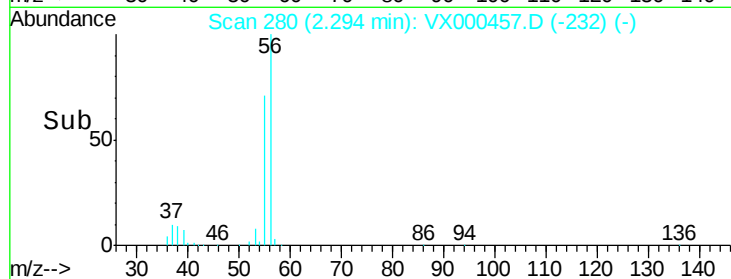
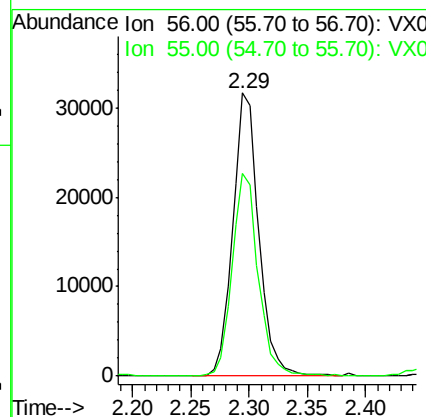
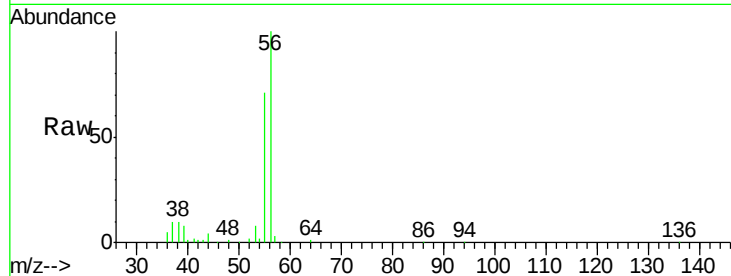
#13
Acrolein
Concen: 244.01 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	58.8	88.2

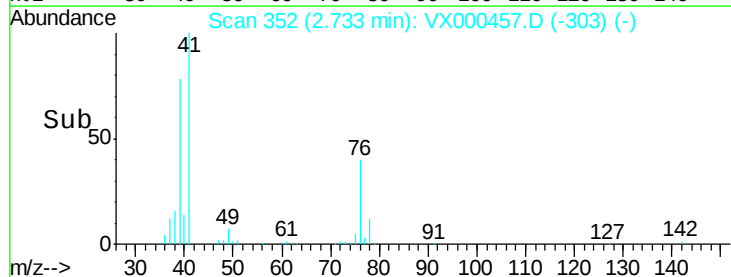
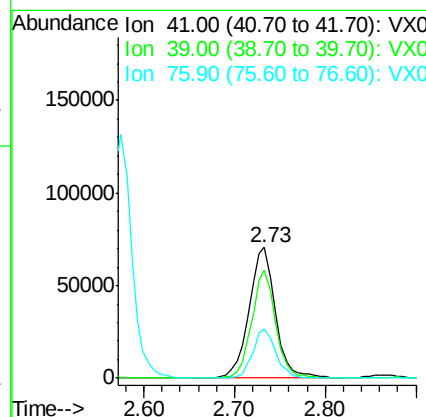
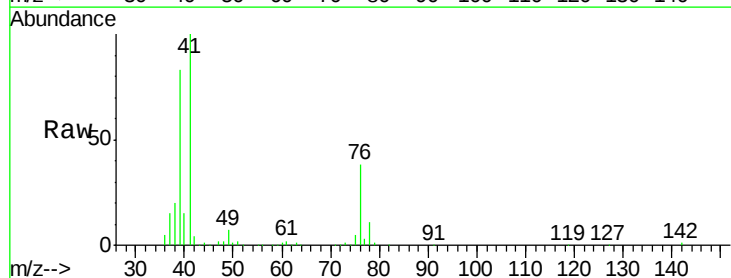
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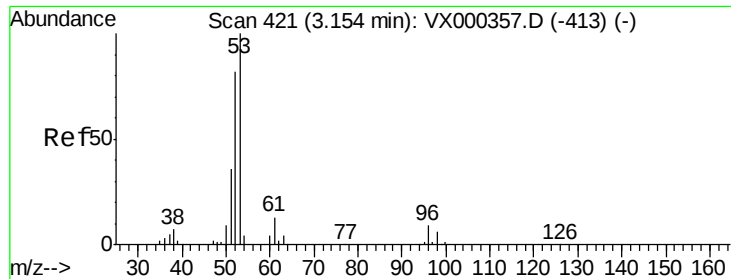
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#14
Allyl chloride
Concen: 52.50 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.4	57.6	86.4
76	32.8	27.3	40.9





#15

Acrylonitrile

Concen: 253.61 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

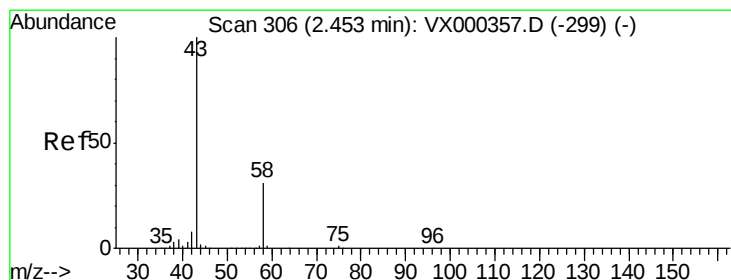
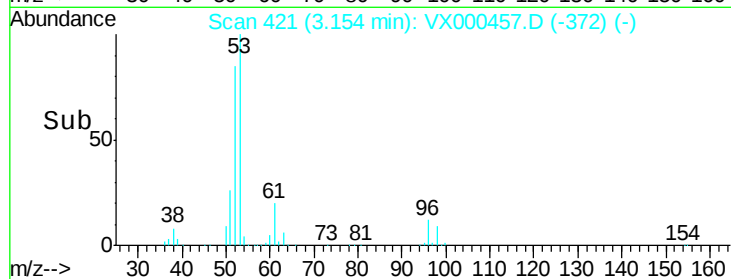
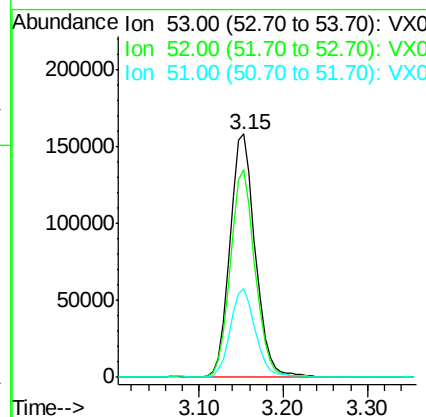
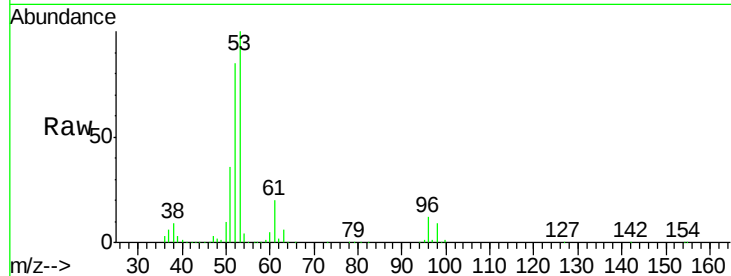
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	324380
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	99.8
51	36.1	29.3	43.9

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#16

Acetone

Concen: 278.20 ug/l

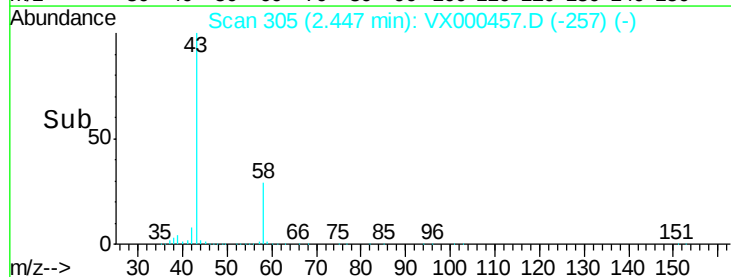
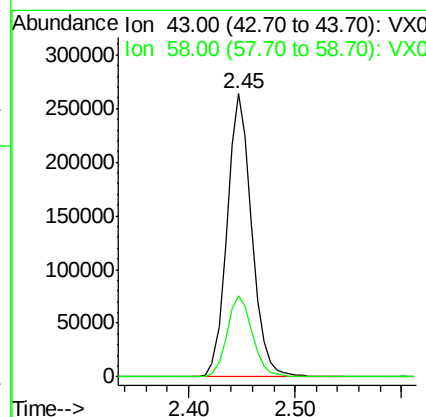
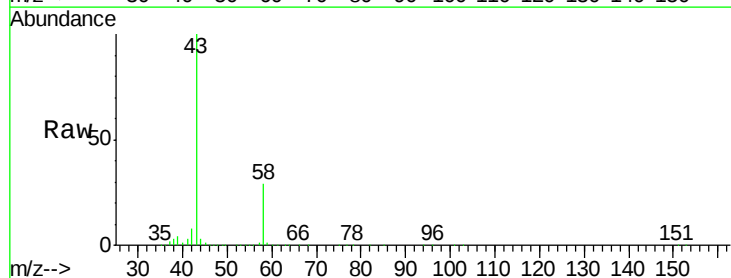
RT: 2.45 min Scan# 305

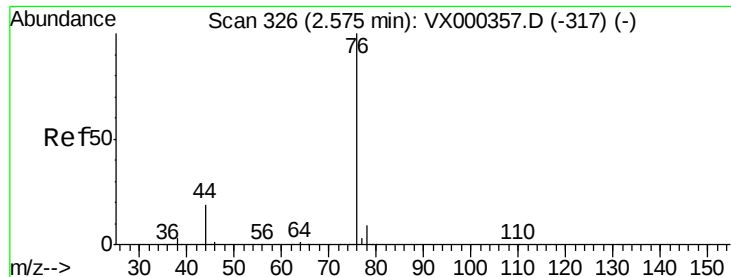
Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion:	43	Resp:	424876
Ion Ratio	Lower	Upper	
43	100		
58	28.5	24.7	37.1





#17

Carbon Disulfide

Concen: 53.54 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 217113

Ion Ratio Lower Upper

76 100

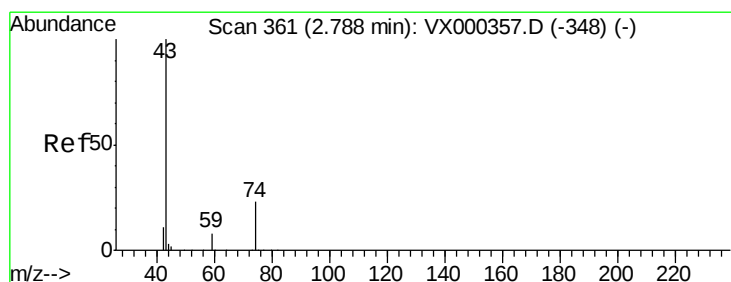
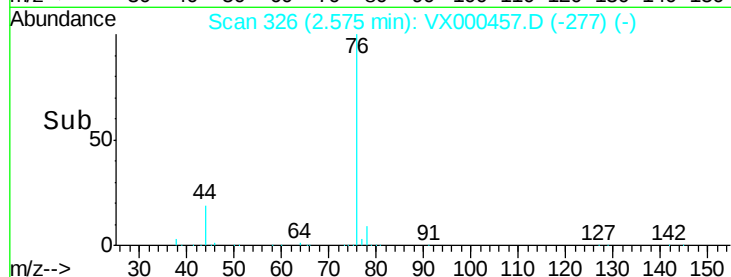
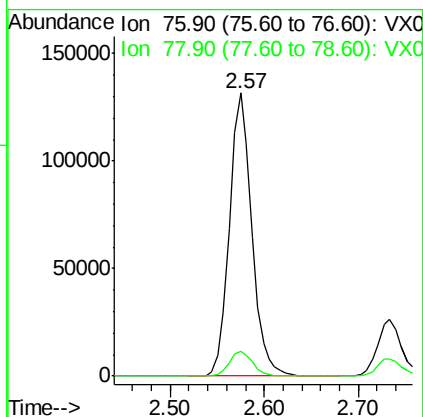
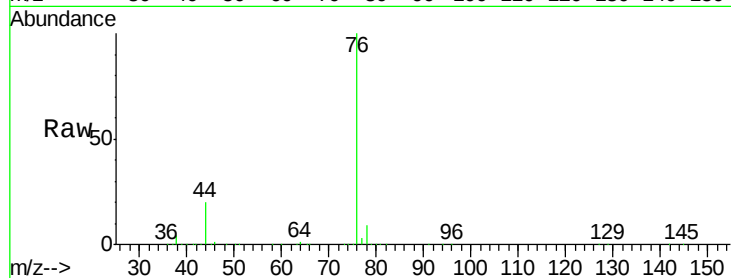
78 8.8 7.0 10.6

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#18

Methyl Acetate

Concen: 51.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000457.D

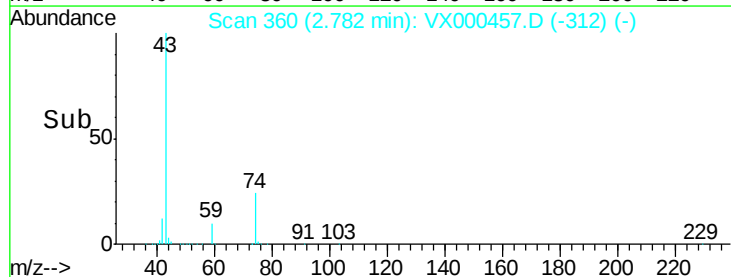
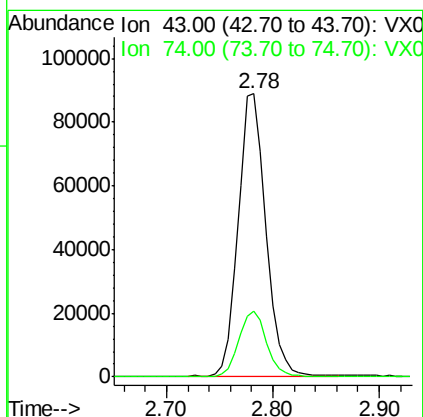
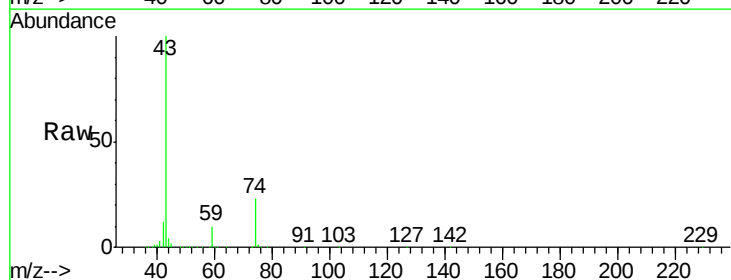
Acq: 27 Mar 2018 13:24

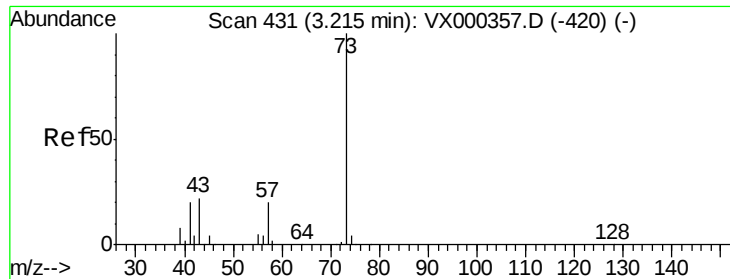
Tgt Ion: 43 Resp: 163429

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.2





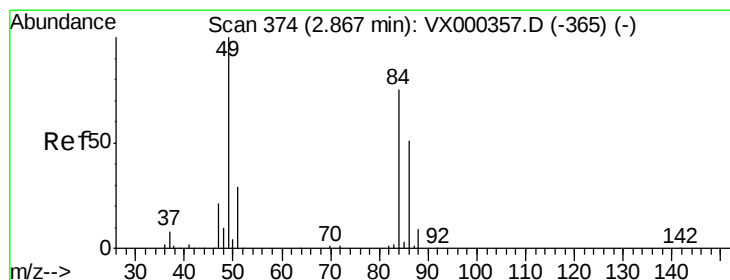
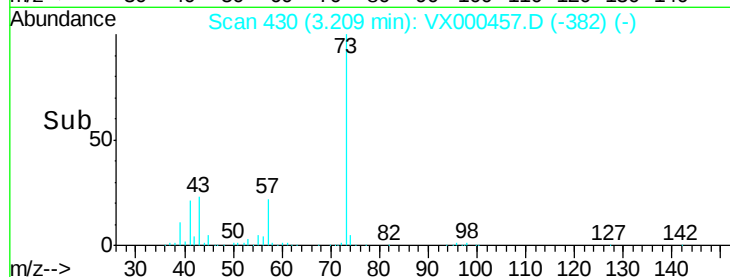
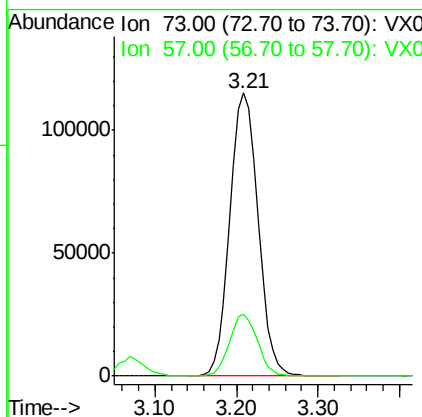
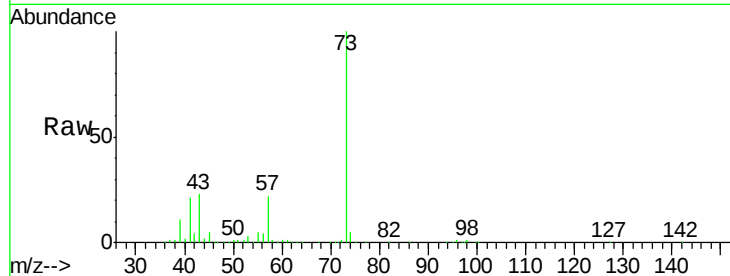
#19
Methyl tert-butyl Ether
Concen: 48.80 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.2	25.8

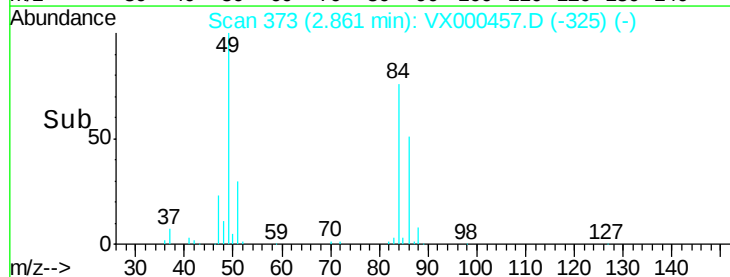
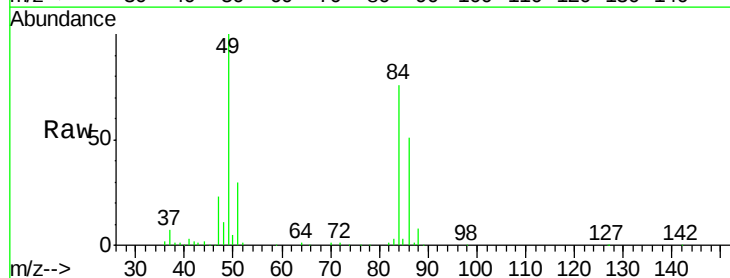
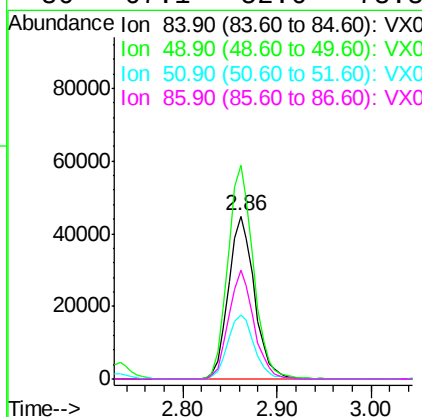
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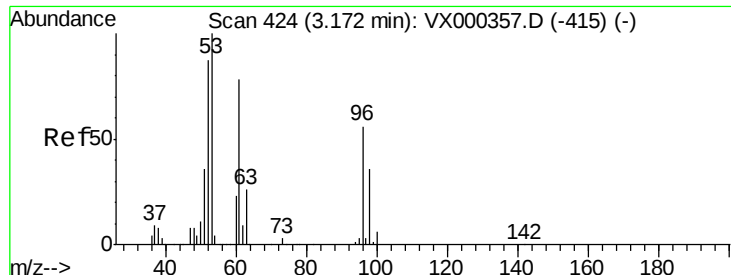
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#20
Methylene Chloride
Concen: 48.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.3	100.6	151.0
51	39.6	31.6	47.4
86	67.1	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 49.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

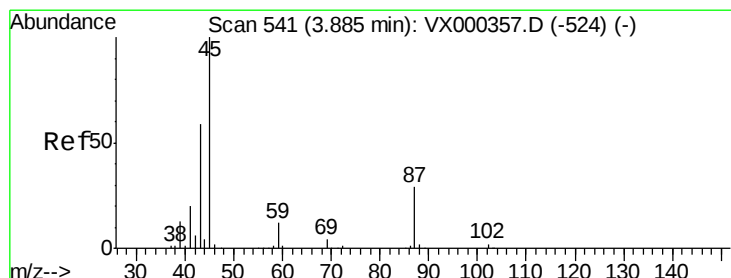
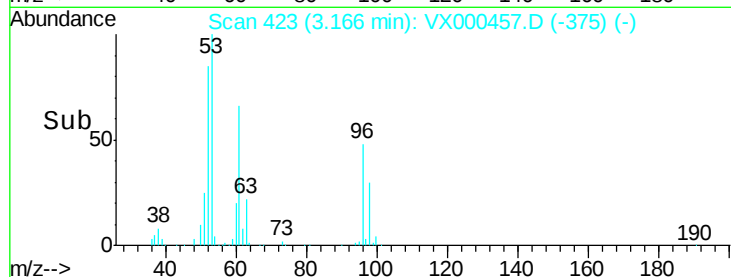
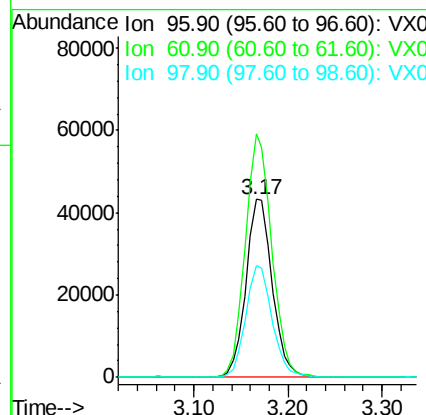
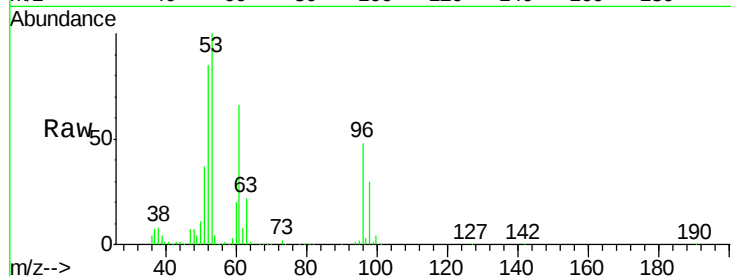
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	83843
Ion	Ratio	Lower	Upper
96	100		
61	137.0	104.0	156.0
98	62.9	52.1	78.1

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#22

Diisopropyl ether

Concen: 57.40 ug/l

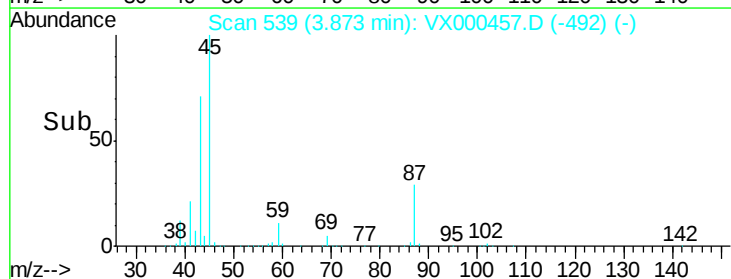
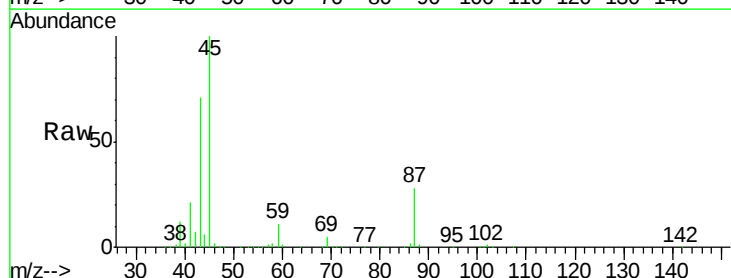
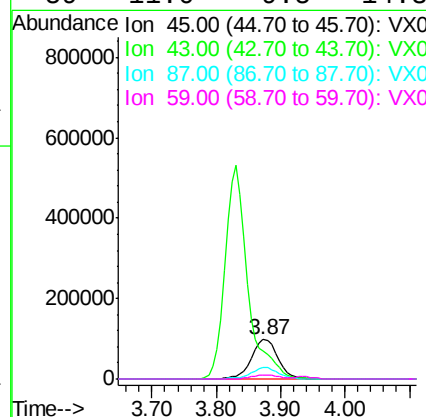
RT: 3.87 min Scan# 539

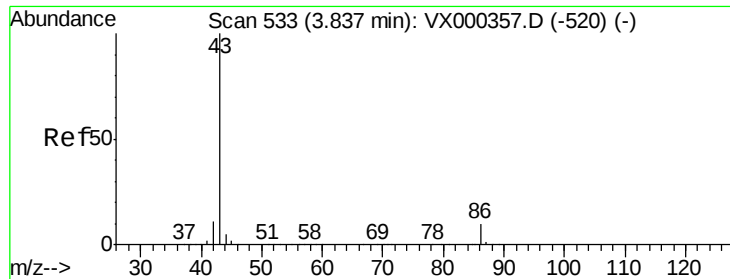
Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion:	45	Resp:	273558
Ion	Ratio	Lower	Upper
45	100		
43	70.6	53.9	80.9
87	28.5	22.6	34.0
59	11.0	9.5	14.3





#23

Vinyl Acetate

Concen: 294.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1330066

Ion Ratio Lower Upper

43 100

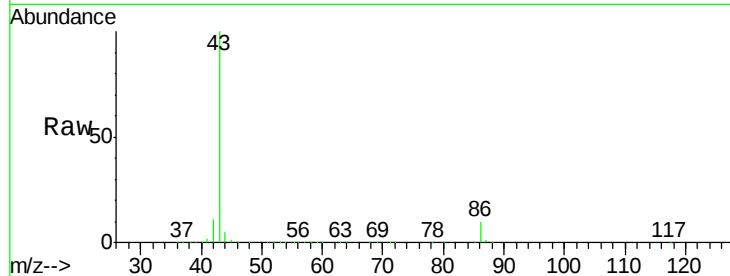
86 10.5 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

600000

500000

400000

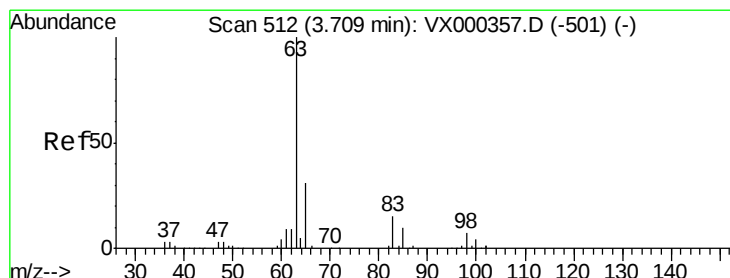
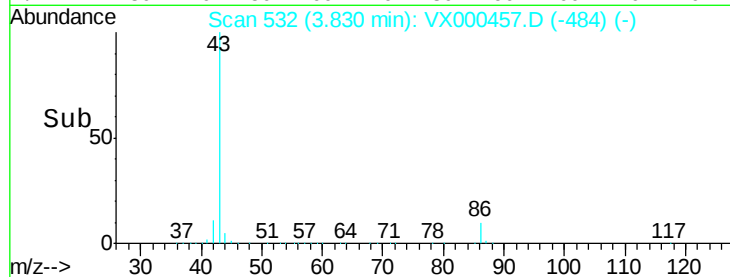
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.34 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

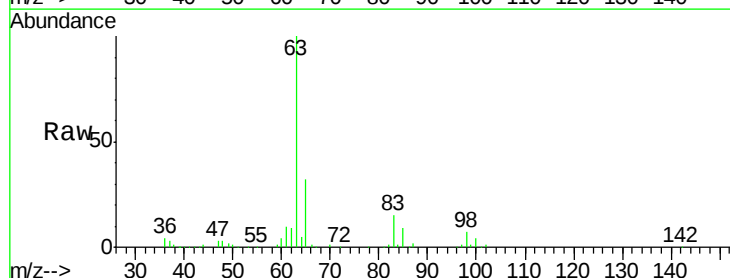
Tgt Ion: 63 Resp: 153831

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

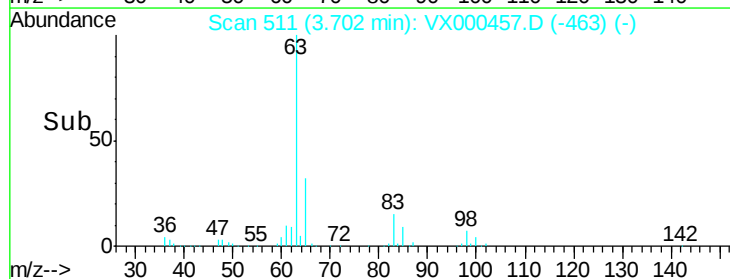
60000

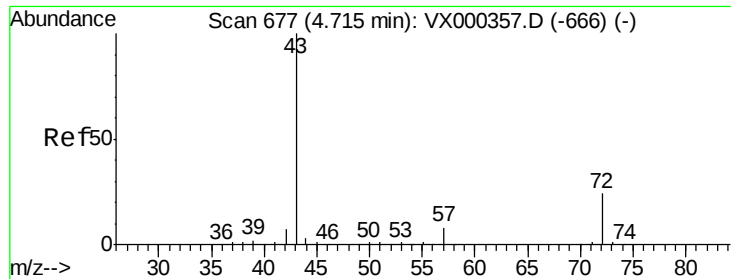
40000

20000

0

Time-->





#25

2-Butanone

Concen: 264.30 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 453717

Ion Ratio Lower Upper

43 100

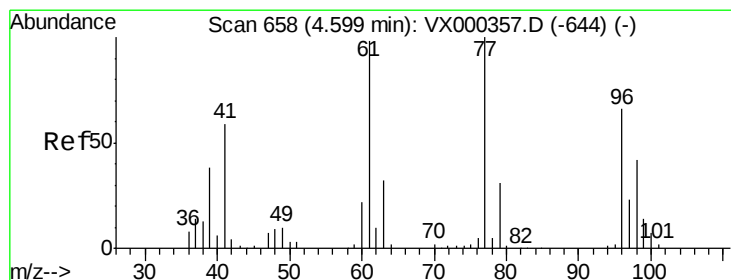
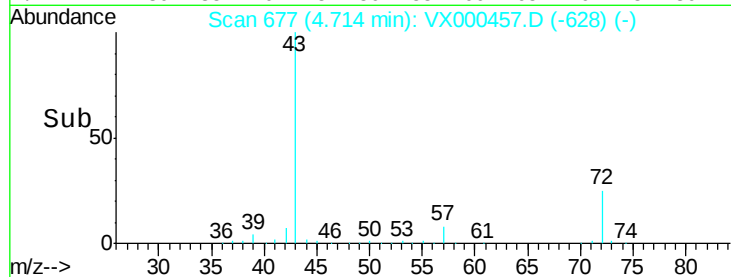
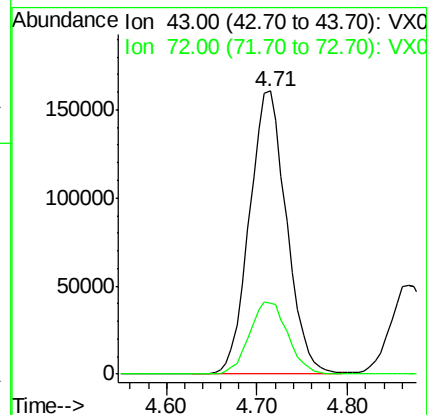
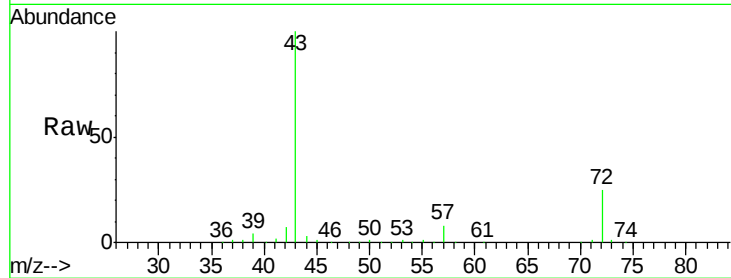
72 25.1 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.83 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000457.D

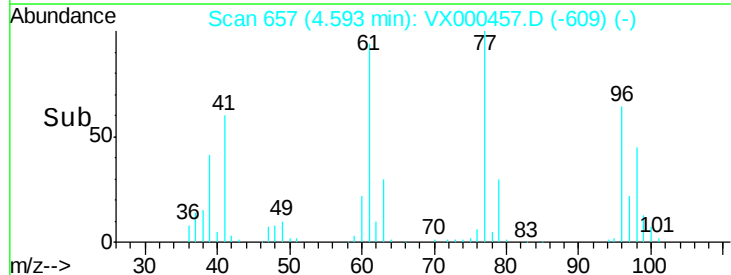
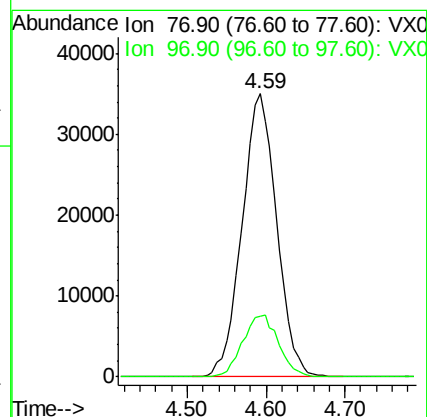
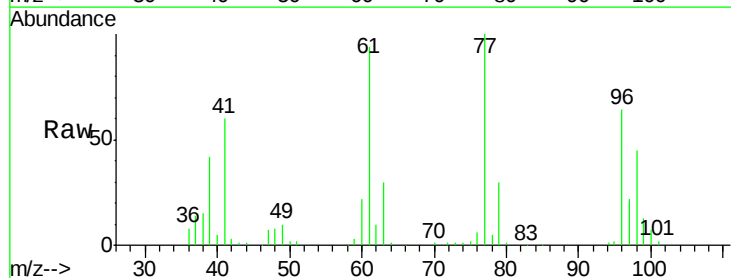
Acq: 27 Mar 2018 13:24

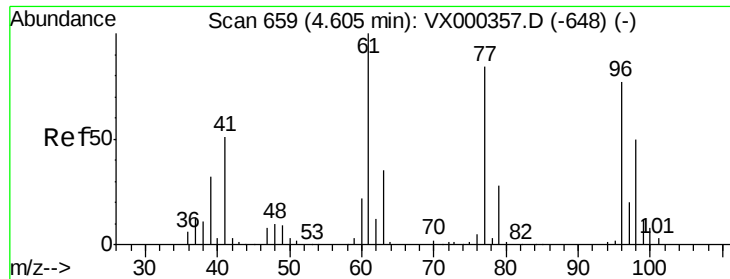
Tgt Ion: 77 Resp: 106754

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8





#27

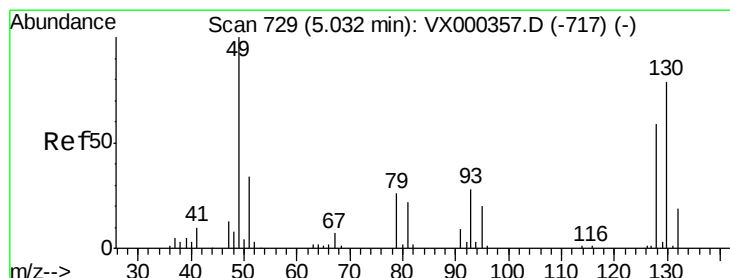
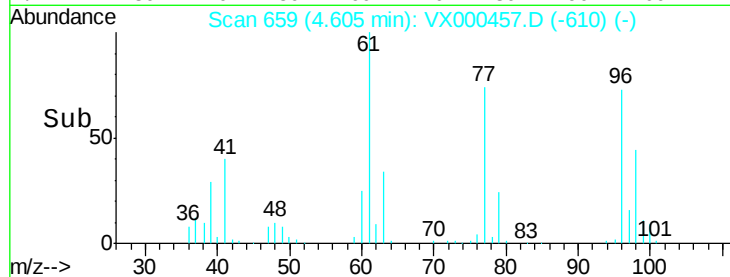
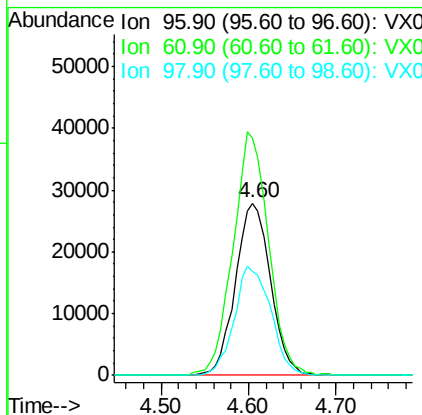
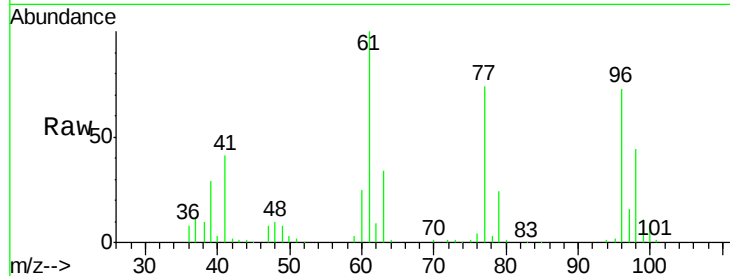
cis-1,2-Dichloroethene
Concen: 48.97 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	291.6
98	65.9	0.0	132.0

Manual Integrations
APPROVED

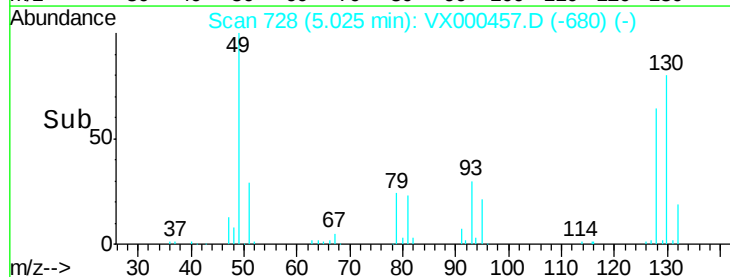
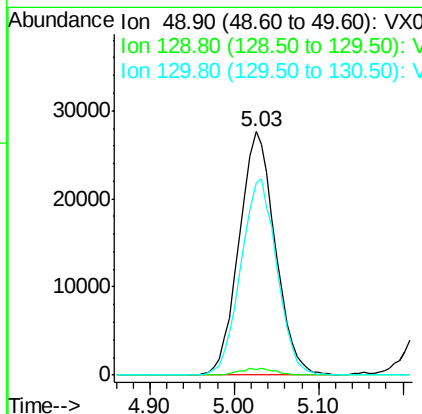
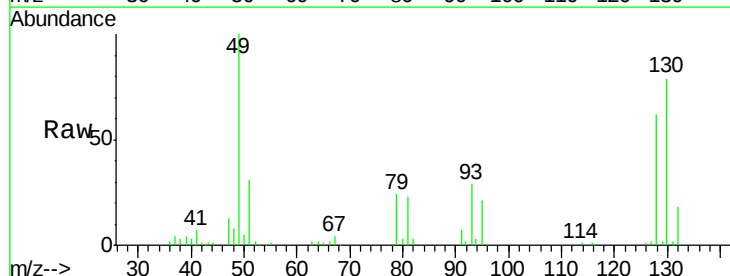
MMDadoda
3/28/2018 11:41:54 AM

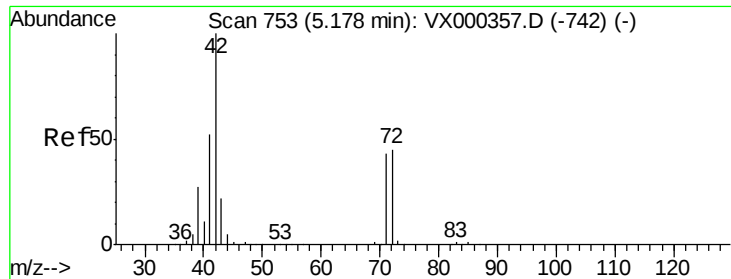


#28

Bromochloromethane
Concen: 64.95 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	80.3	64.0	96.0





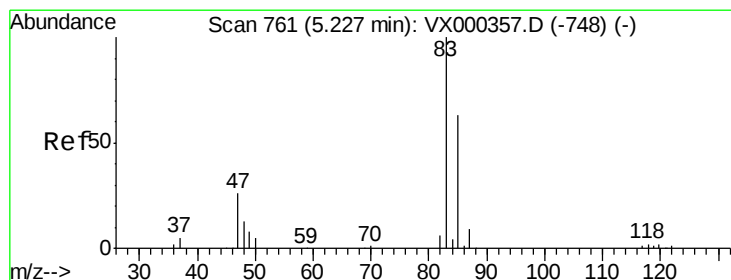
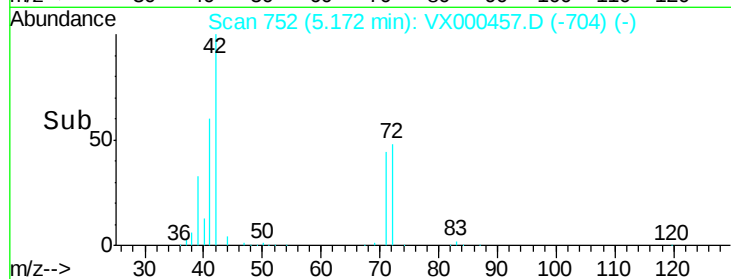
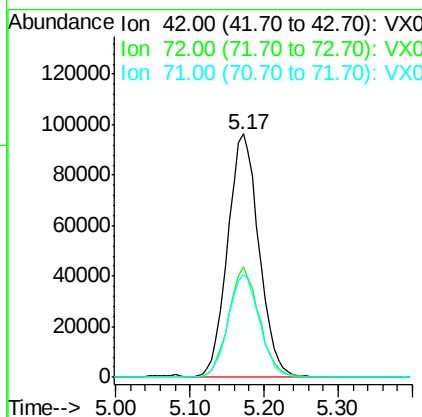
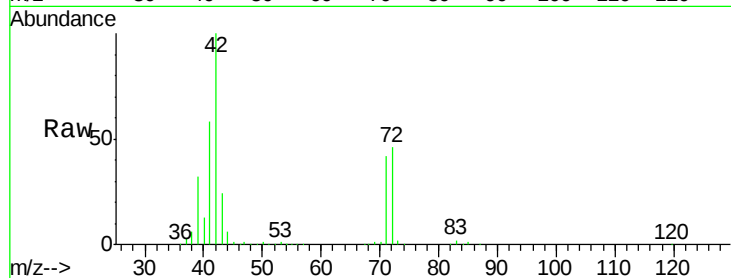
#29
Tetrahydrofuran
Concen: 267.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.9	56.9
71	42.6	34.4	51.6

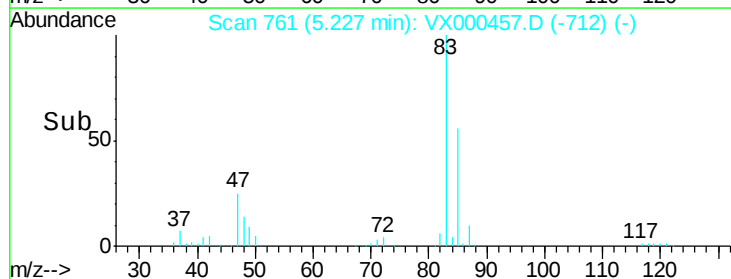
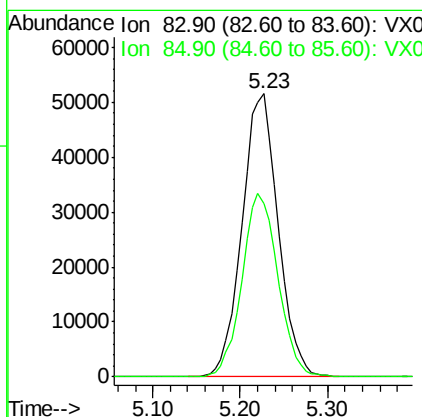
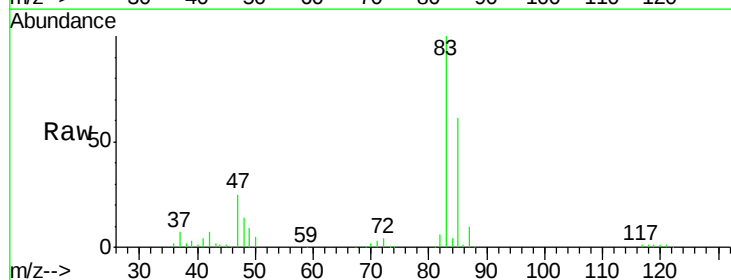
Manual Integrations
APPROVED

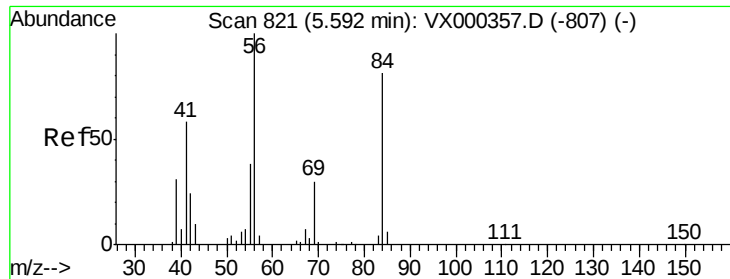
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3/28/2018 11:41:54 AM



#30
Chloroform
Concen: 52.69 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	53.3	79.9





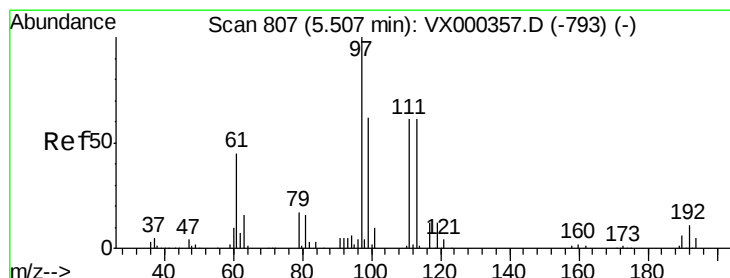
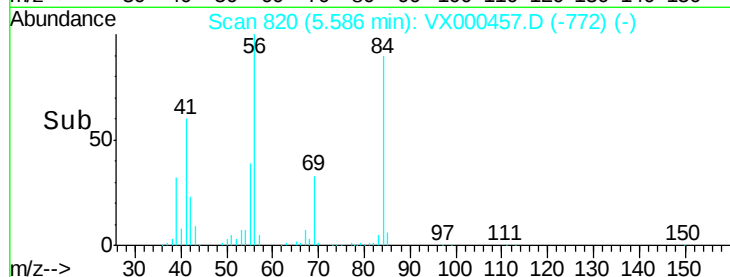
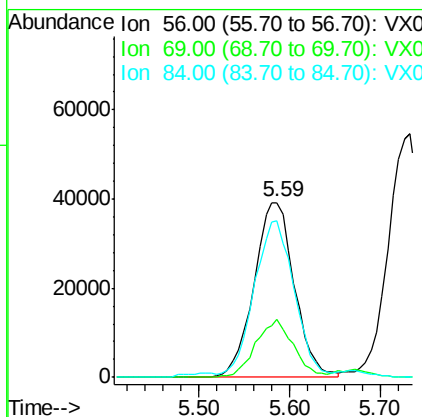
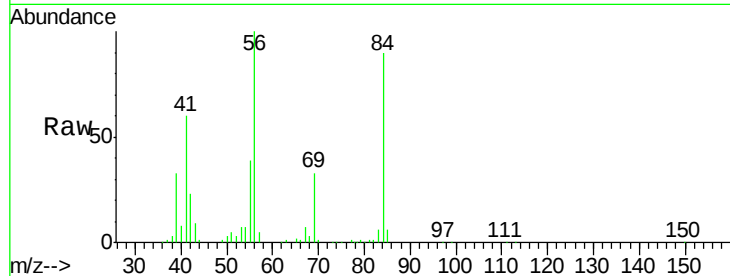
#31
Cyclohexane
Concen: 52.03 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.4	35.0
84	88.4	71.0	106.4

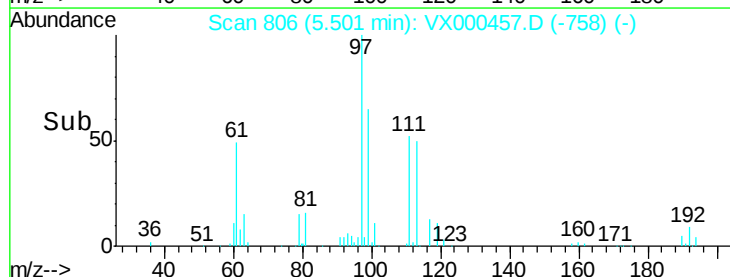
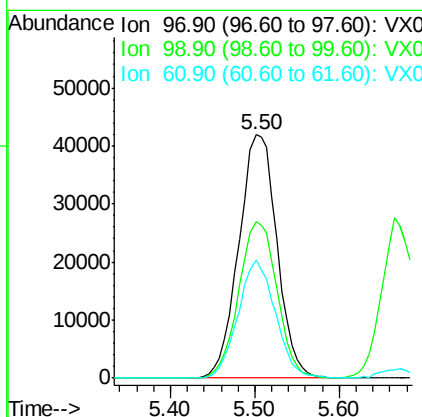
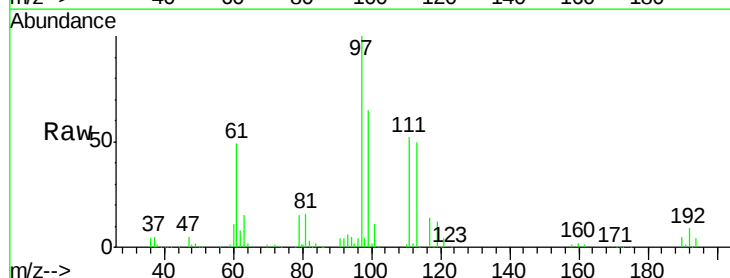
Manual Integrations
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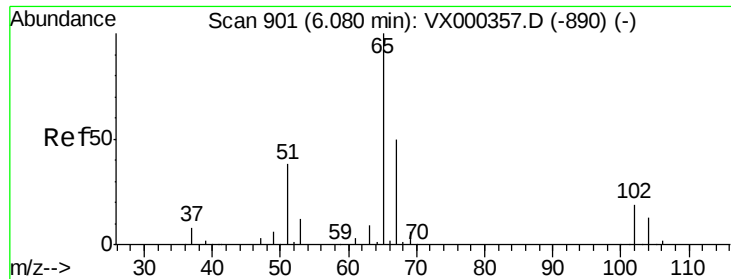
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#32
1,1,1-Trichloroethane
Concen: 50.87 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.1	78.1
61	47.3	36.2	54.4





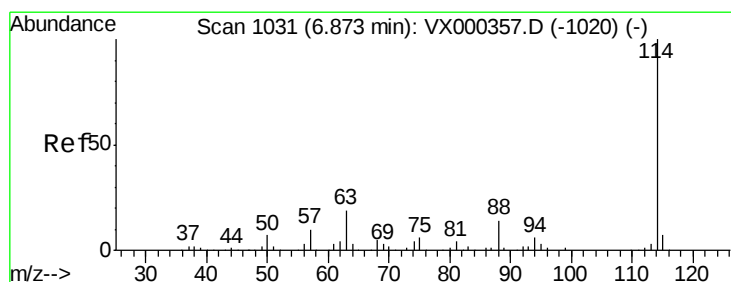
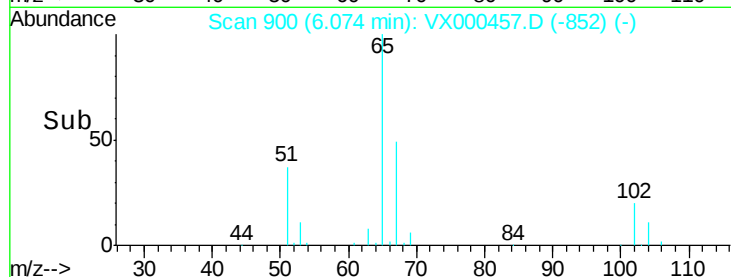
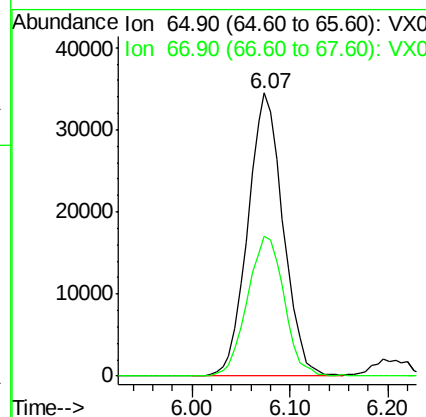
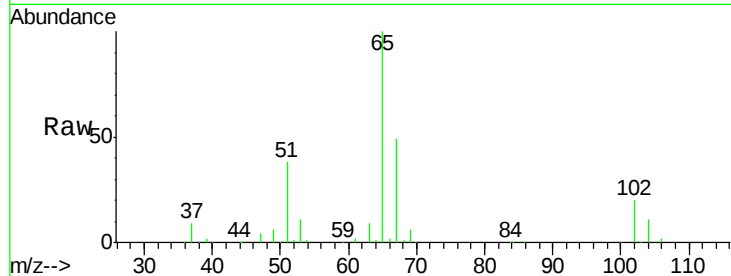
#33
 1,2-Dichloroethane-d4
 Concen: 47.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	86492		
67	51.4	0.0	103.2	

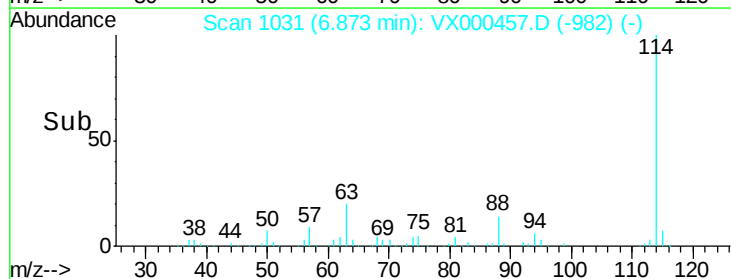
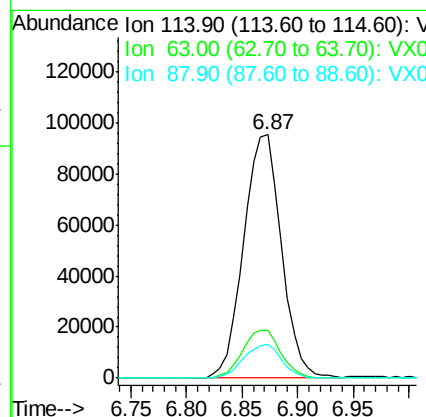
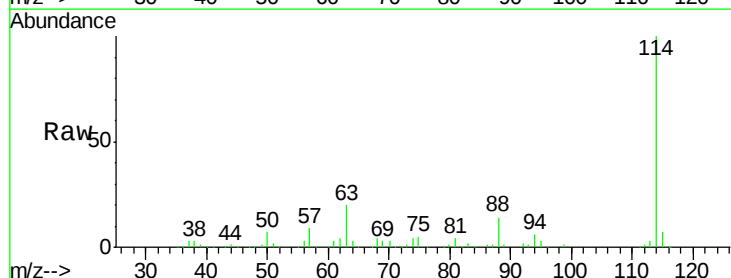
Manual Integrations
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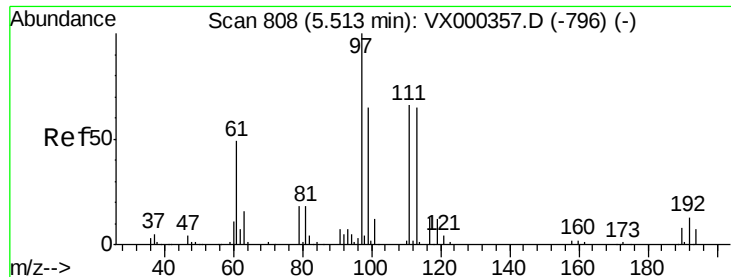
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	225504		
63	19.7	0.0	38.4	
88	13.8	0.0	27.0	





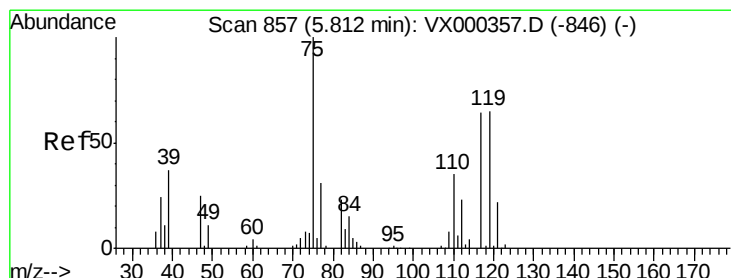
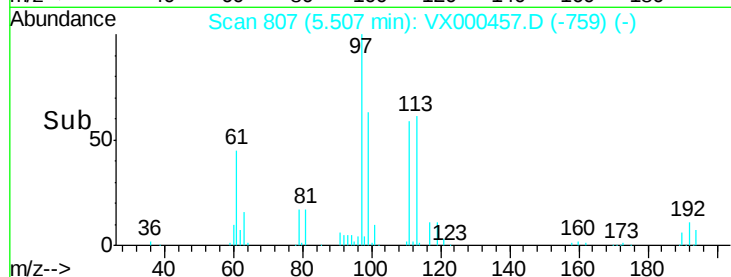
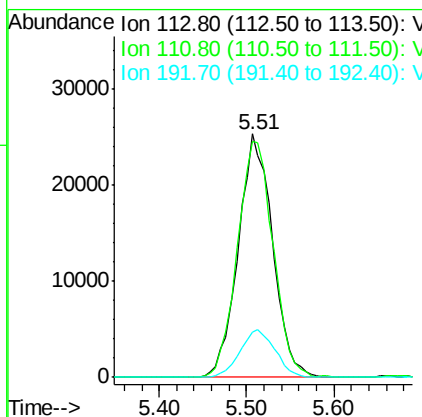
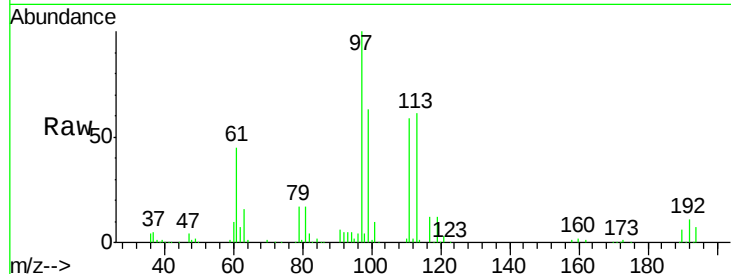
#35
 Dibromofluoromethane
 Concen: 48.64 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	69115		
111	101.0	82.4	123.6	
192	20.0	15.8	23.6	

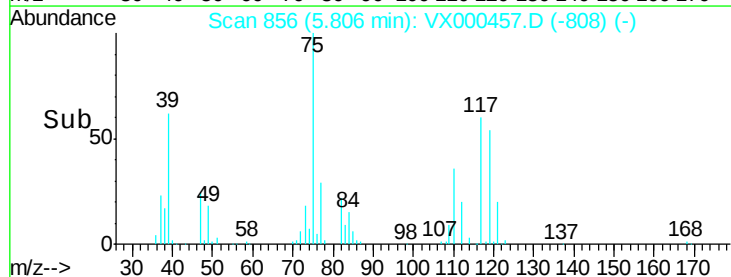
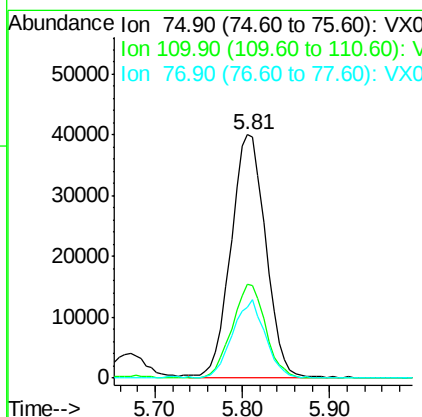
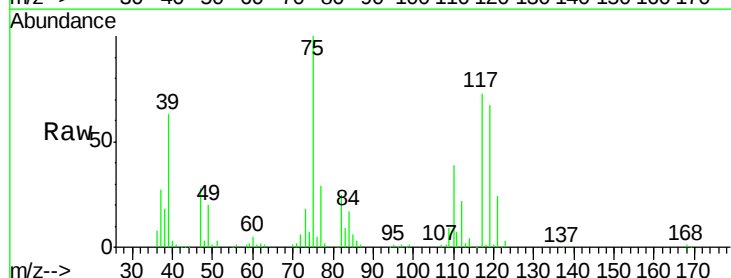
Manual Integrations
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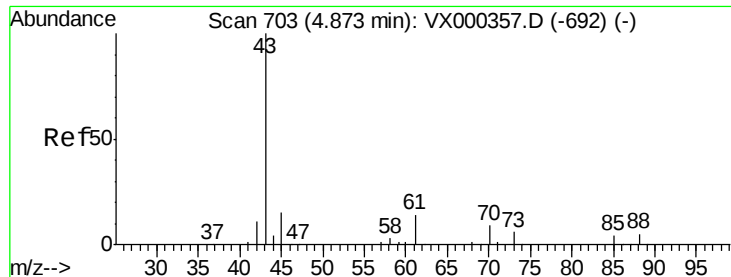
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#36
 1,1-Dichloropropene
 Concen: 52.06 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	109972		
110	37.5	17.9	53.7	
77	30.5	24.0	36.0	





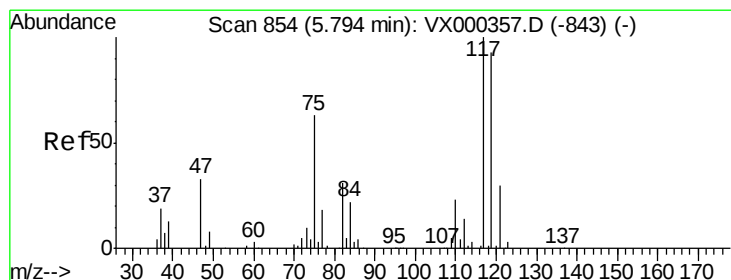
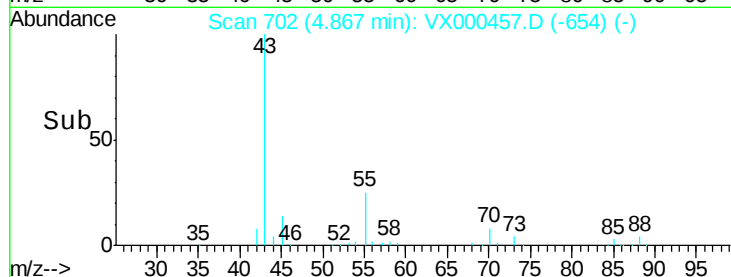
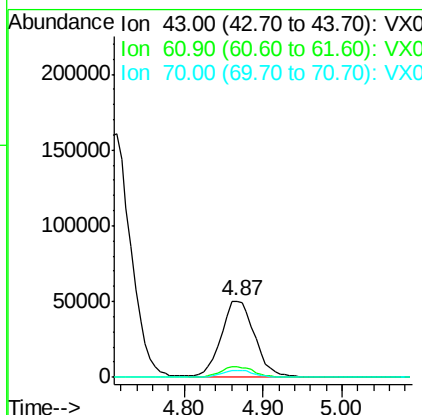
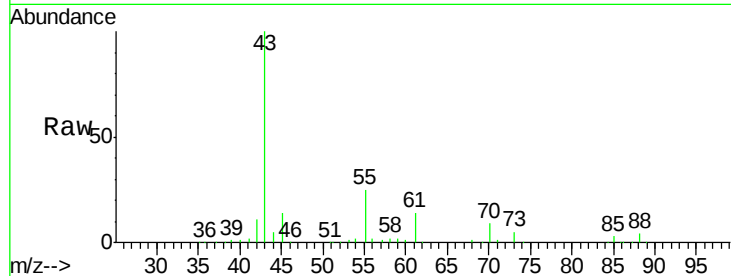
#37
Ethyl Acetate
Concen: 51.89 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	9.1	7.7	11.5

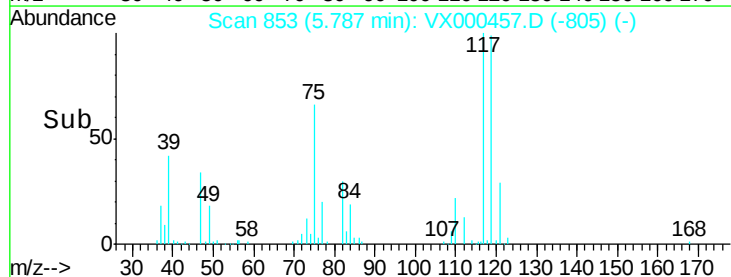
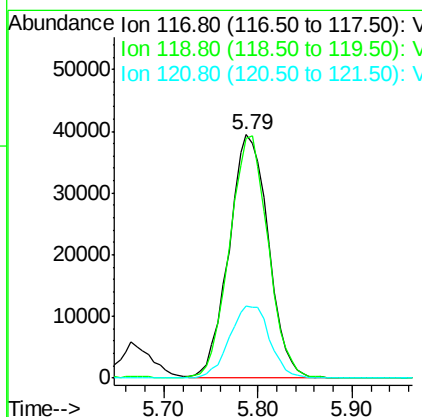
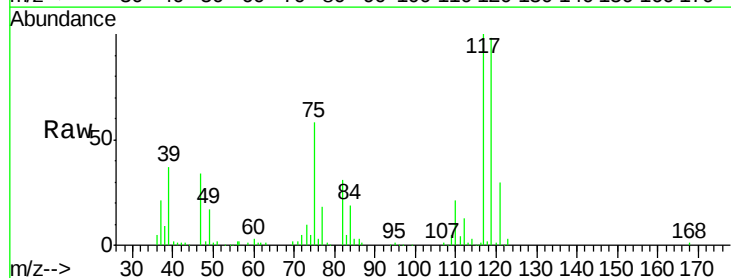
Manual Integrations
APPROVED

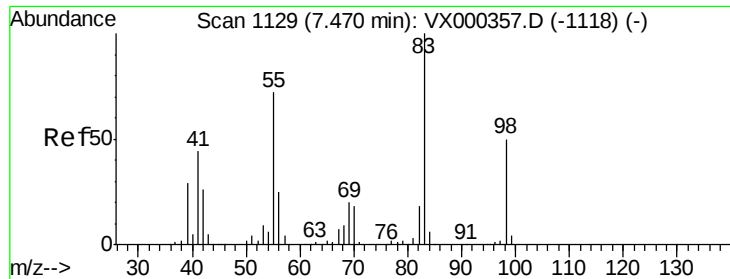
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#38
Carbon Tetrachloride
Concen: 52.13 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.2
121	29.6	24.8	37.2





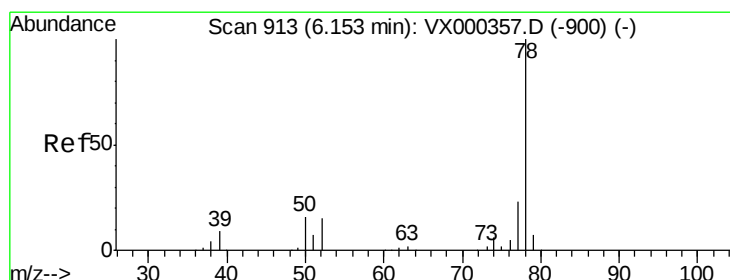
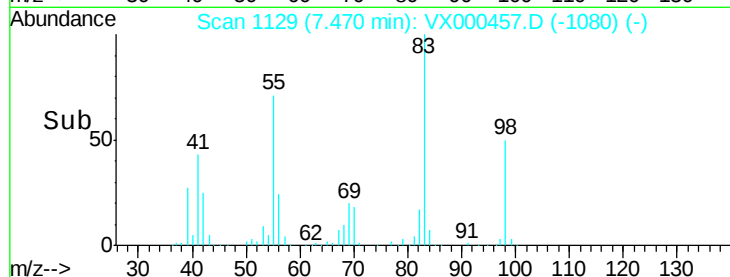
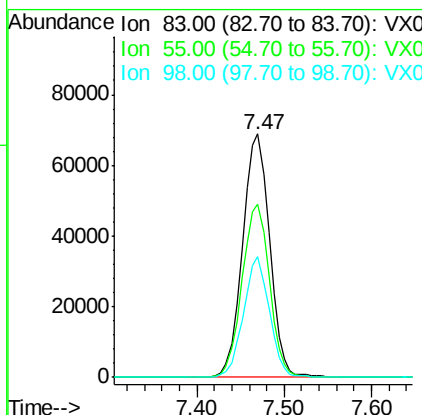
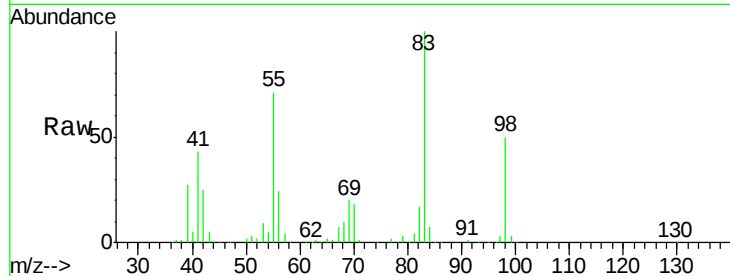
#39
Methvlcvclohexane
Concen: 57.79 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.5	83.3
98	49.5	38.2	57.4

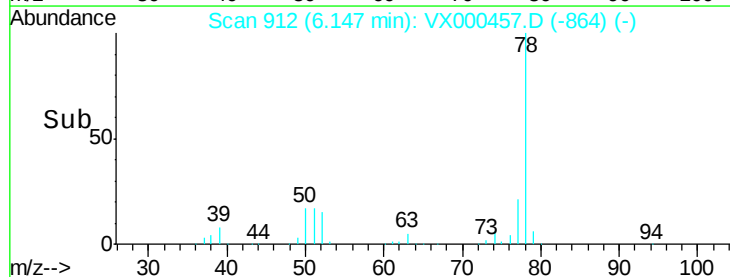
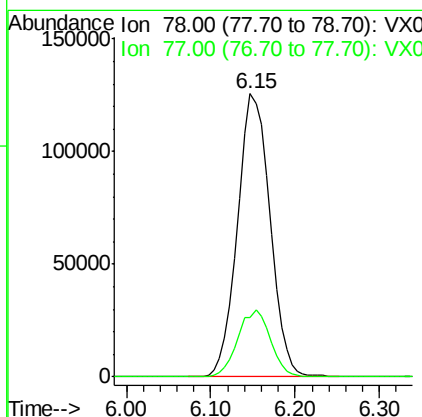
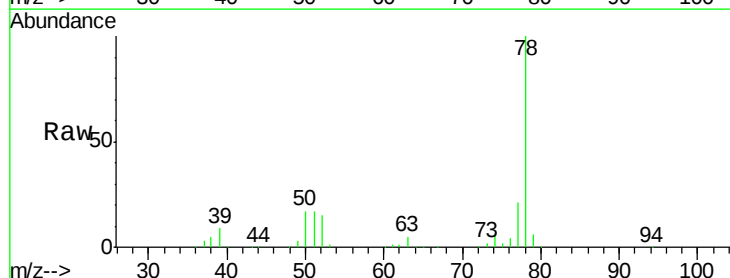
Manual Integrations
APPROVED

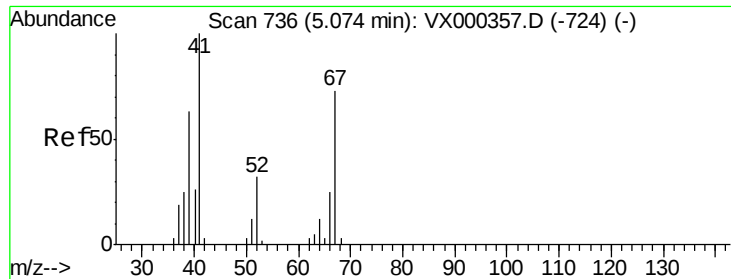
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#40
Benzene
Concen: 53.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.0	18.7	28.1





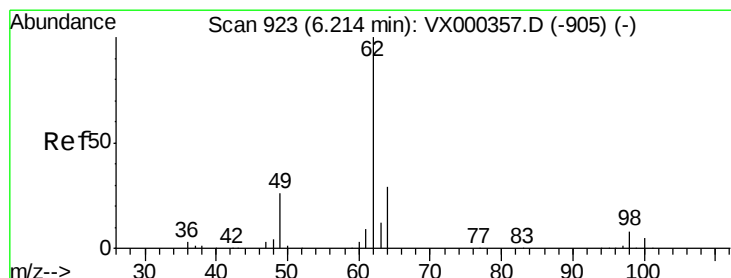
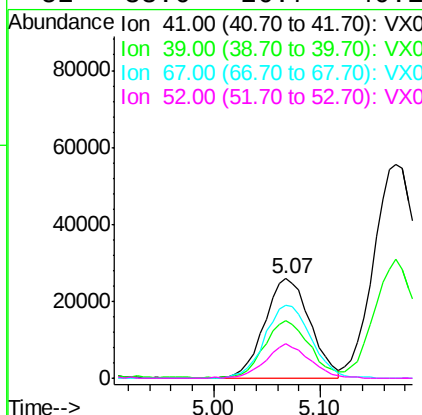
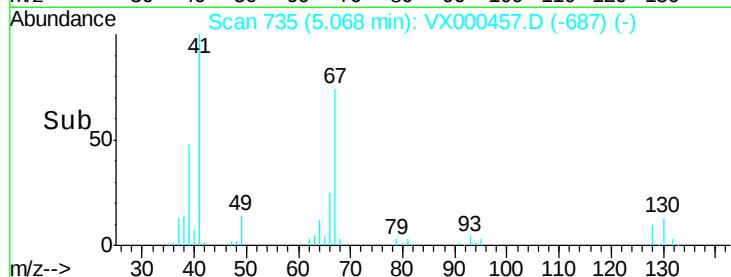
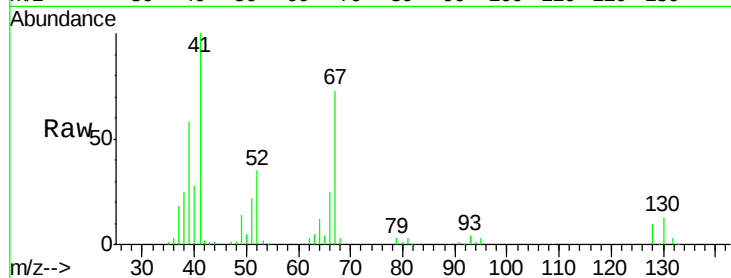
#41
Methacrylonitrile
Concen: 50.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	45.7	68.5	
67	74.9	57.8	86.8	
52	33.6	26.7	40.1	

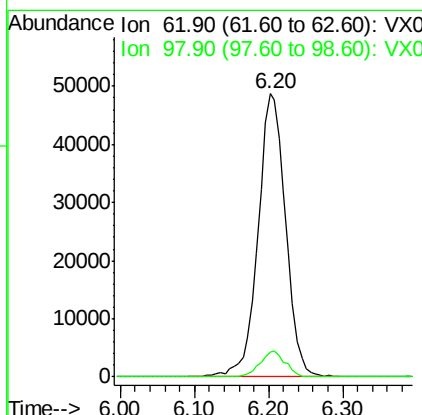
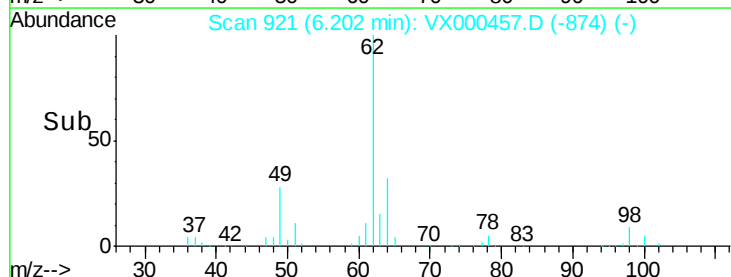
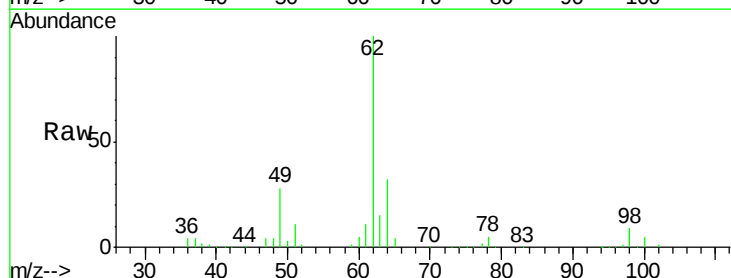
Manual Integrations
APPROVED

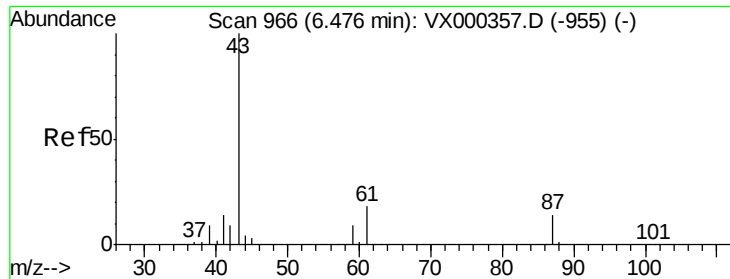
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#42
1,2-Dichloroethane
Concen: 52.38 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	15.8	





#43

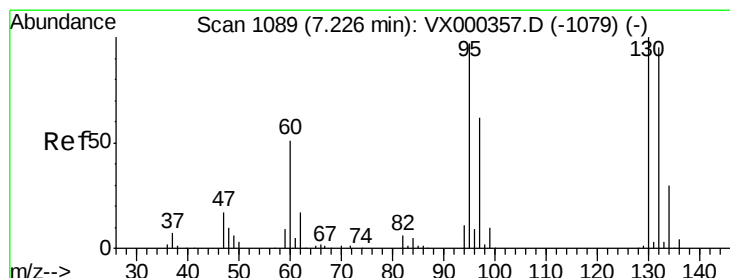
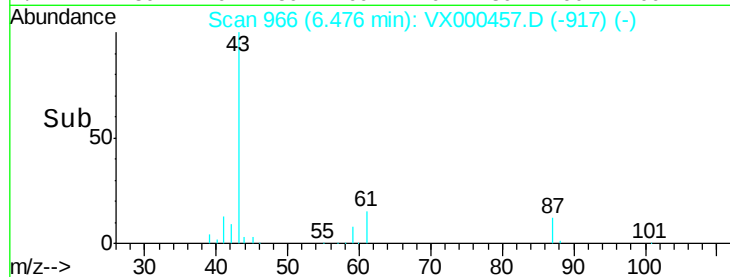
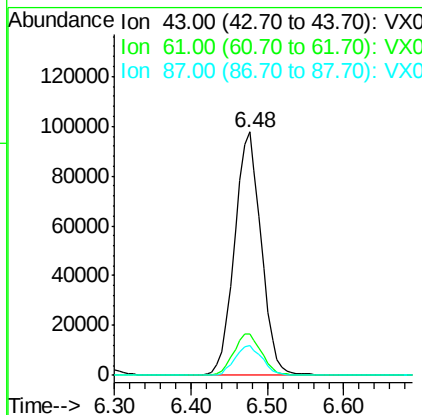
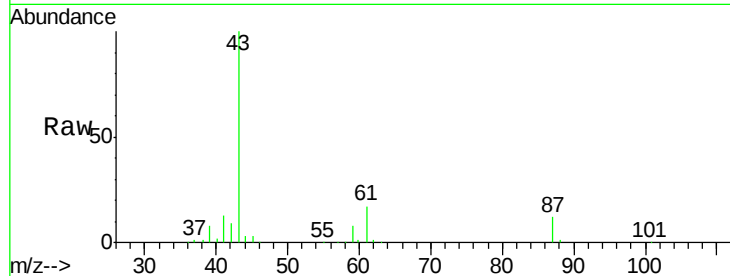
Isopropyl Acetate
 Concen: 54.72 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.4	21.6
87	12.7	11.0	16.4

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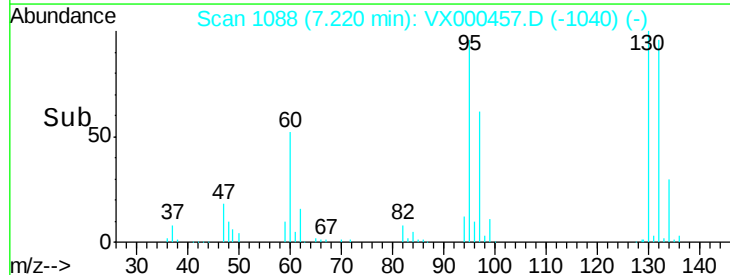
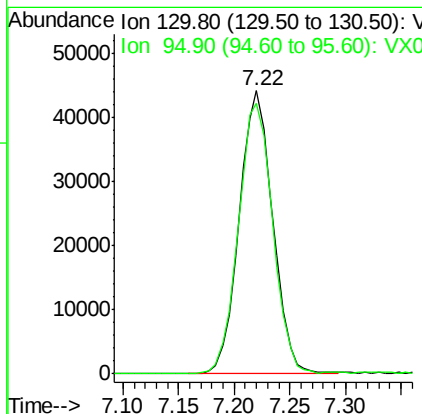
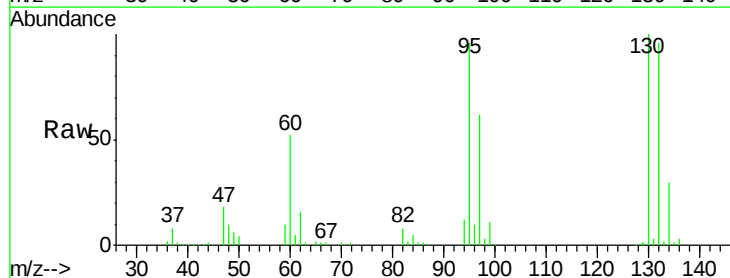
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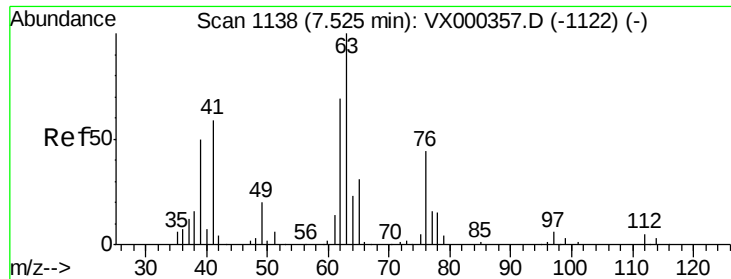


#44

Trichloroethene
 Concen: 52.52 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	186.0





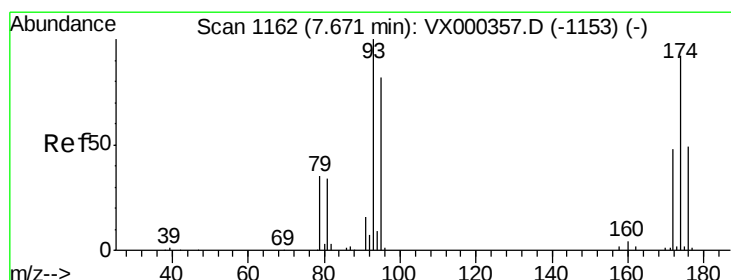
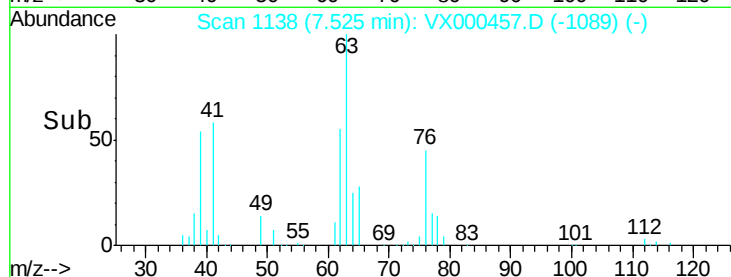
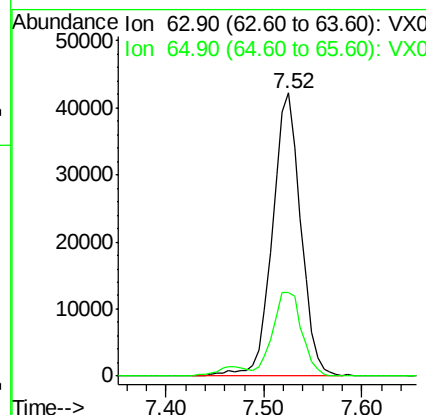
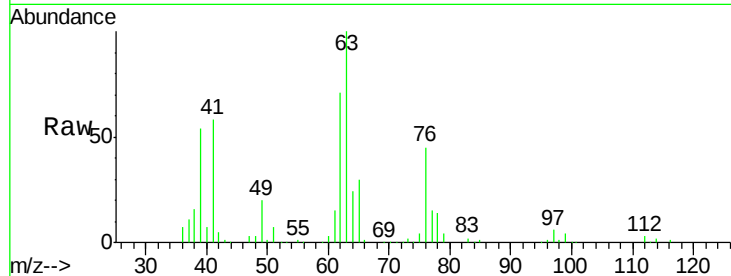
#45
 1,2-Dichloropropane
 Concen: 54.23 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 85153
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.6 36.8

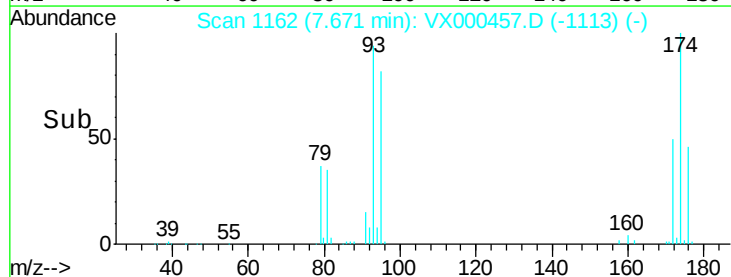
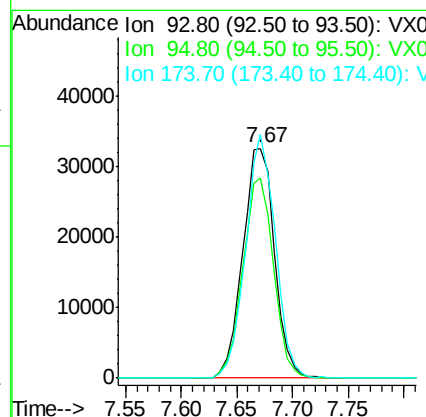
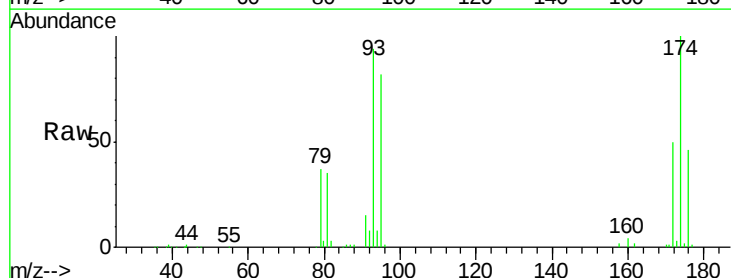
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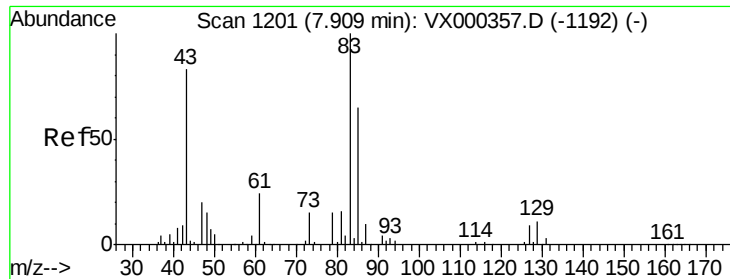
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#46
 Dibromomethane
 Concen: 52.19 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion: 93 Resp: 64317
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.5 99.7
 174 99.4 76.0 114.0





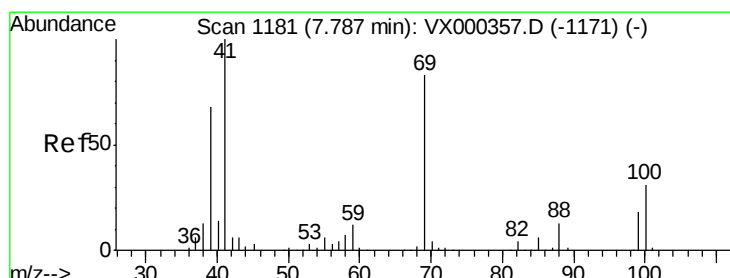
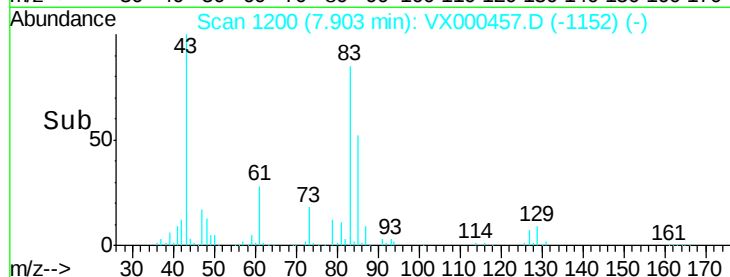
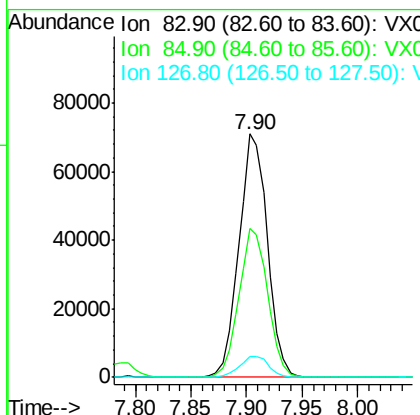
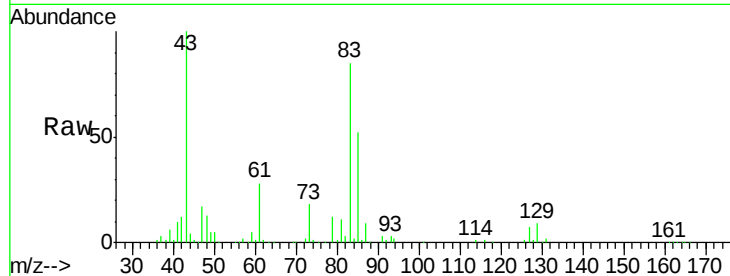
#47
Bromodichloromethane
Concen: 58.02 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	125815		
85	61.2		51.4	77.0
127	8.6		7.0	10.6

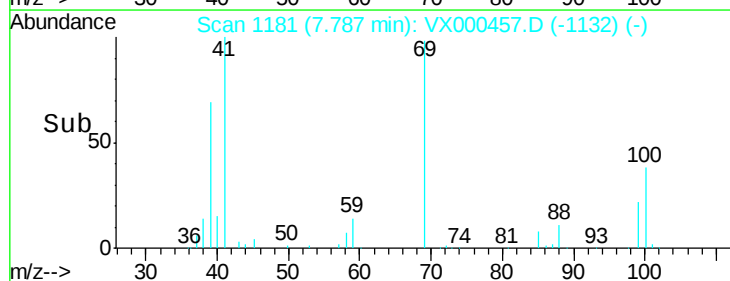
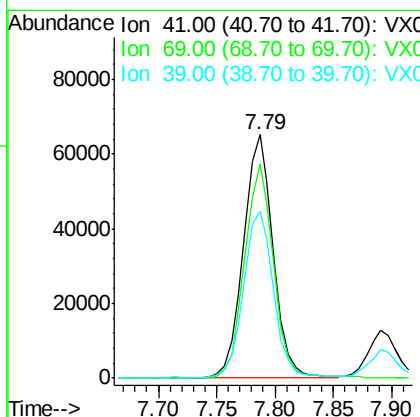
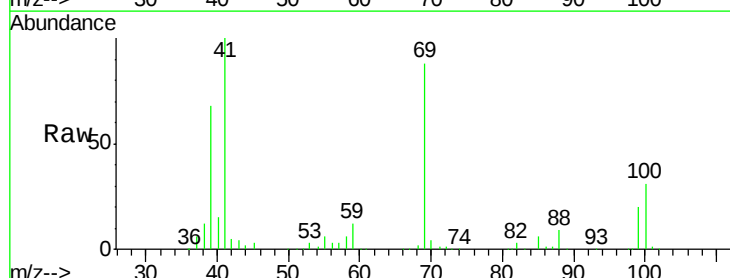
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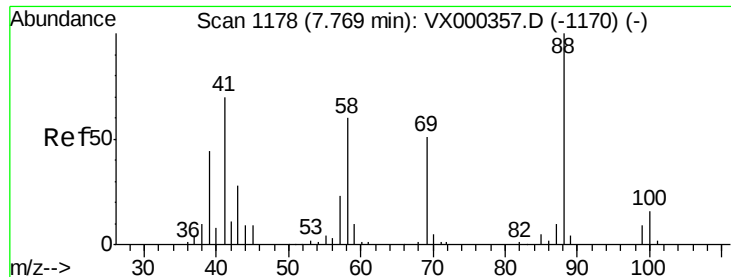
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#48
Methyl methacrylate
Concen: 55.39 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	115504		
69	86.6		68.2	102.4
39	69.2		54.6	81.8





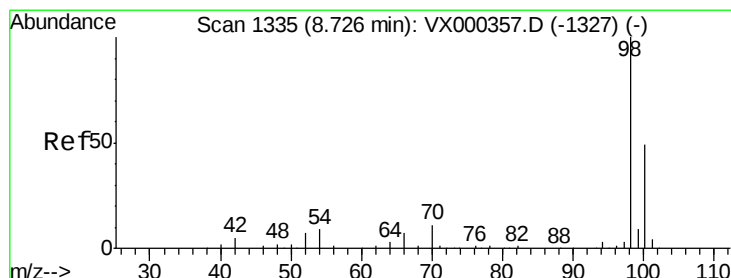
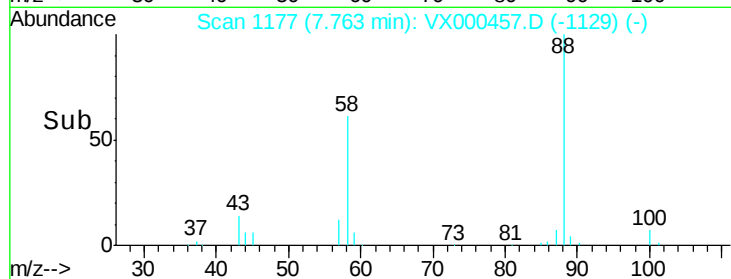
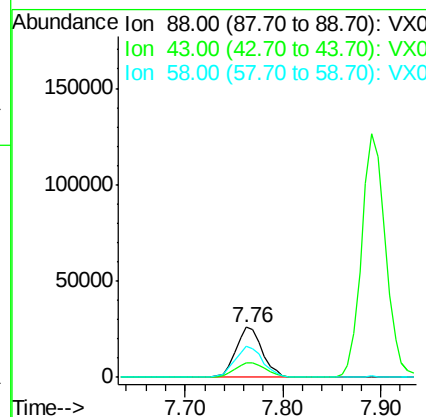
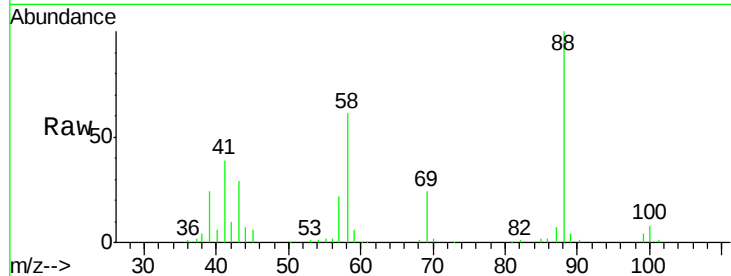
#49
1,4-Dioxane
Concen: 1118.90 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	26.8	40.2
58	64.2	52.2	78.2

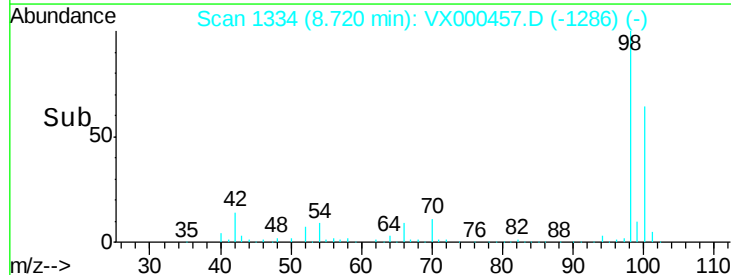
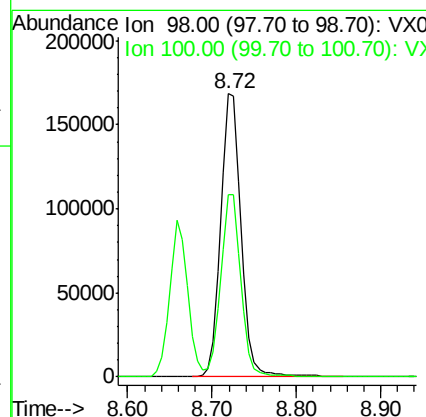
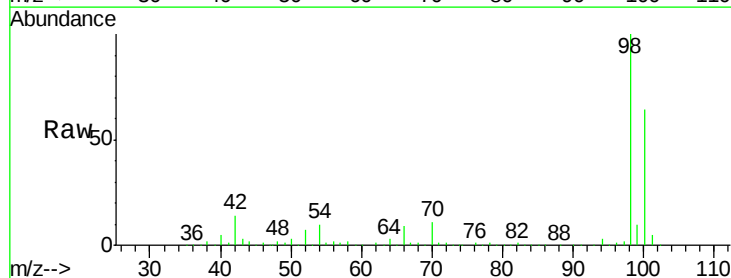
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#50
Toluene-d8
Concen: 47.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 280.49 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 932496

Ion Ratio Lower Upper

43 100

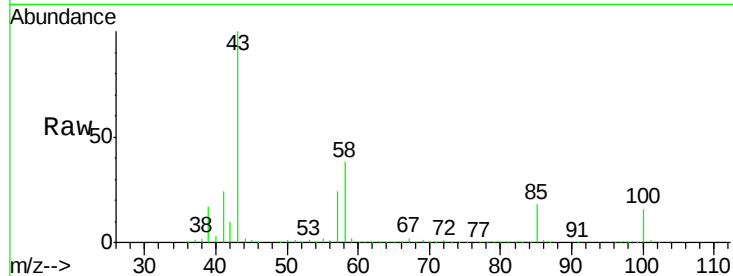
58 37.4 30.3 45.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

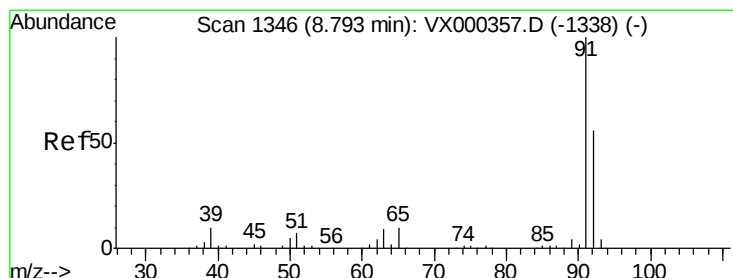
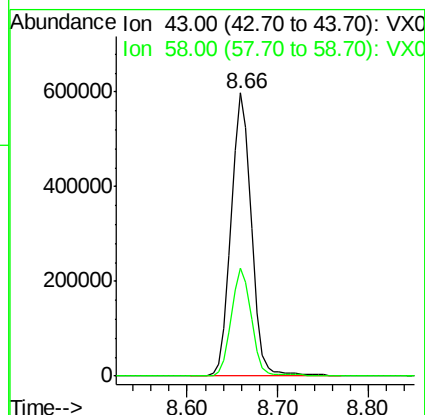
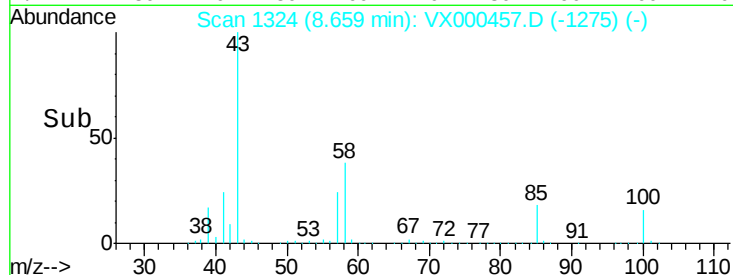
600000

400000

200000

0

8.60 8.66 8.70 8.80



#52

Toluene

Concen: 54.29 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000457.D

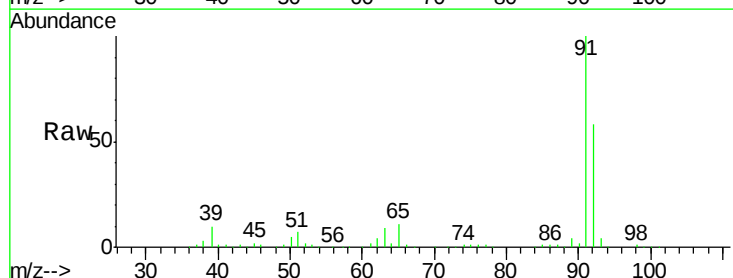
Acq: 27 Mar 2018 13:24

Tgt Ion: 92 Resp: 232828

Ion Ratio Lower Upper

92 100

91 175.6 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

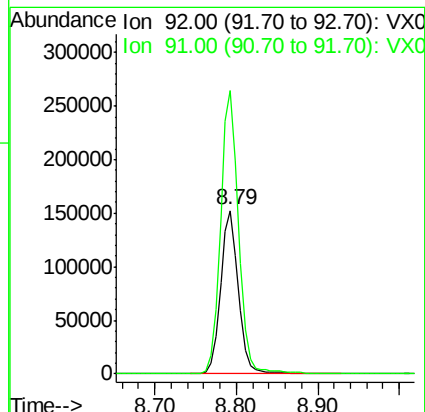
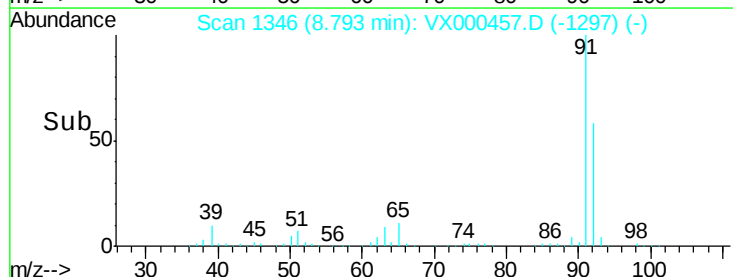
150000

100000

50000

0

8.70 8.79 8.90





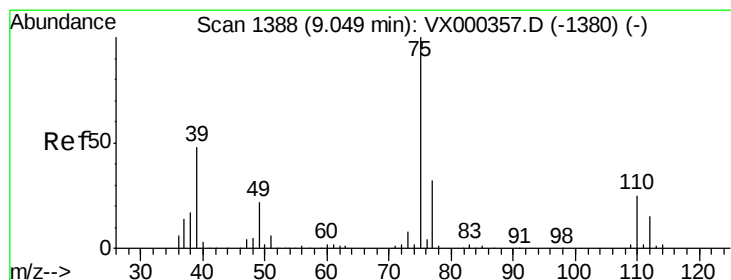
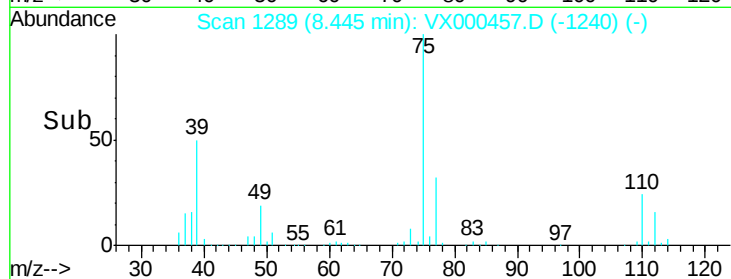
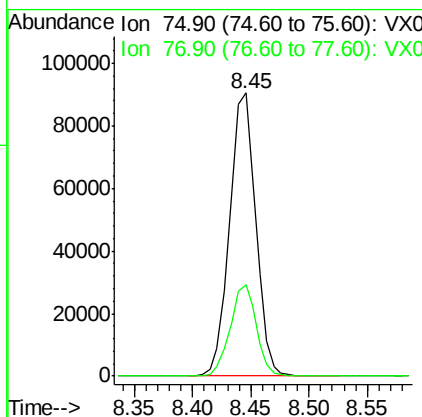
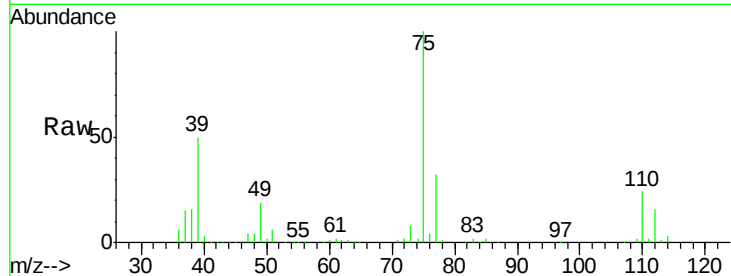
#53
 t-1,3-Dichloropropene
 Concen: 56.76 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.0	36.0

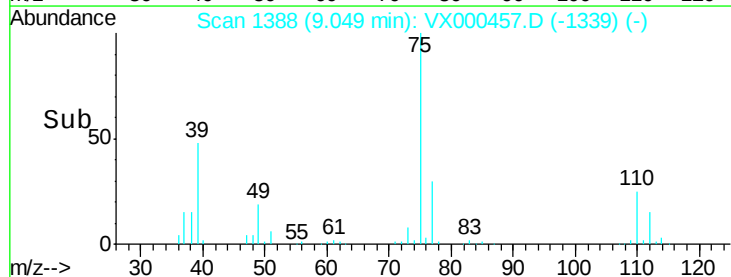
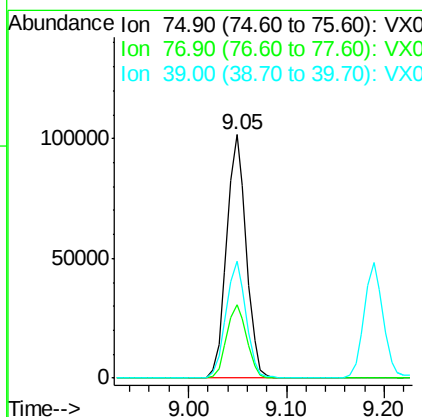
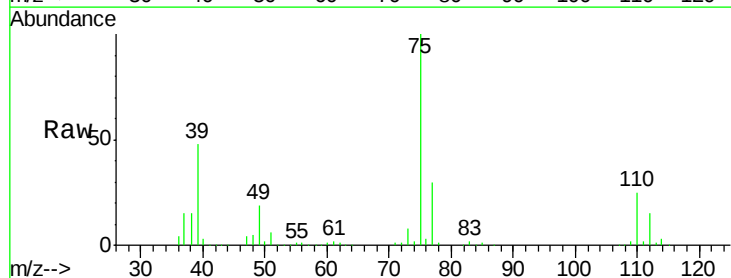
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#54
 cis-1,3-Dichloropropene
 Concen: 58.13 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.1	39.1
39	48.0	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 54.05 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

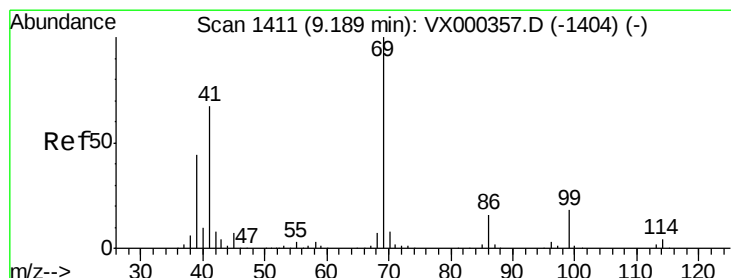
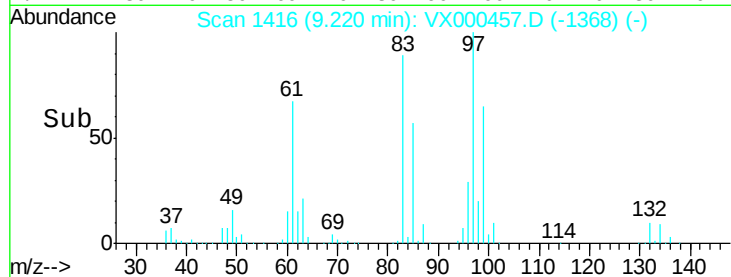
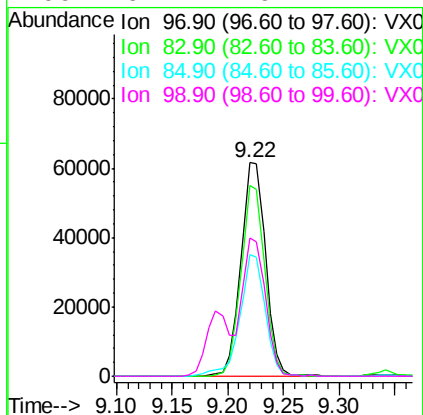
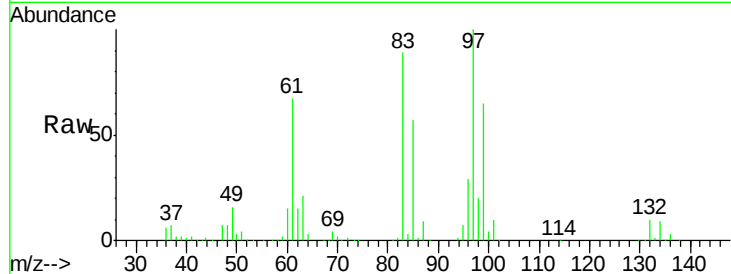
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	95327
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.9	101.9
85	57.2	42.8	64.2
99	64.7	49.4	74.2

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#56

Ethyl methacrylate

Concen: 55.29 ug/l

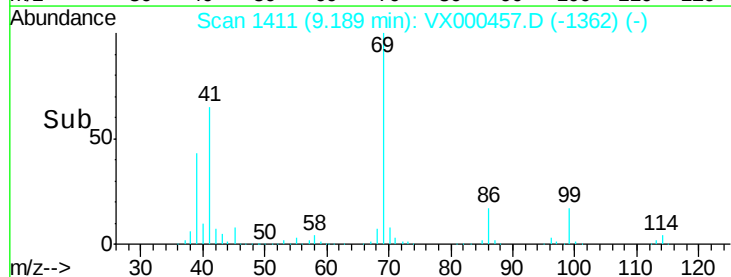
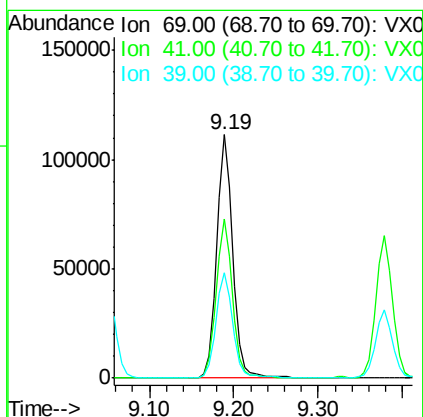
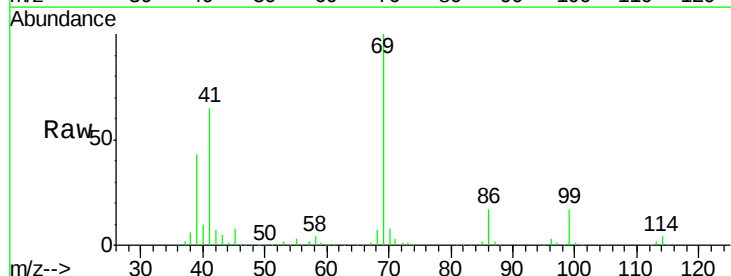
RT: 9.19 min Scan# 1411

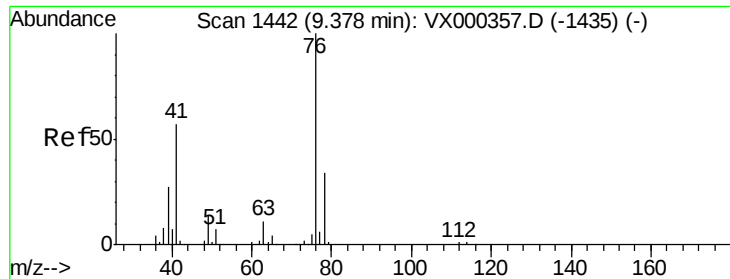
Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion:	69	Resp:	147739
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.0	79.6
39	44.6	35.3	52.9





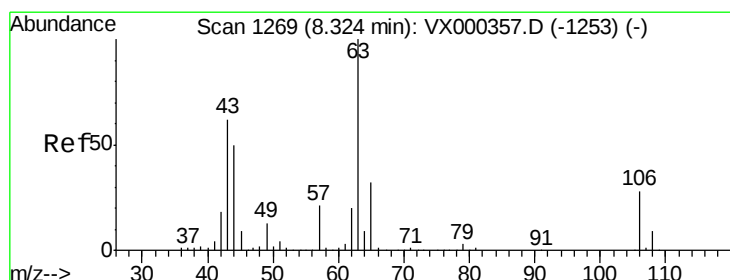
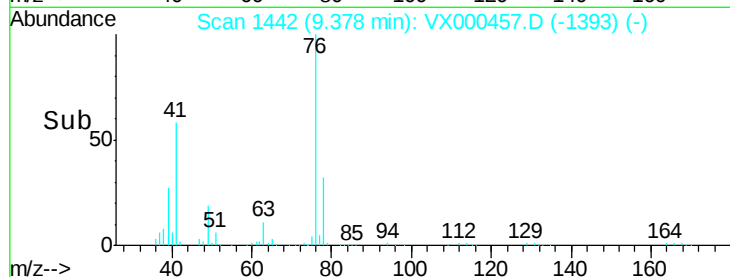
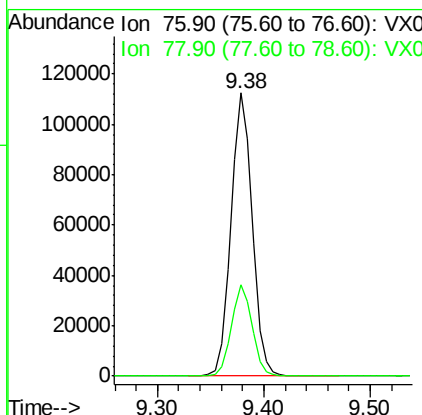
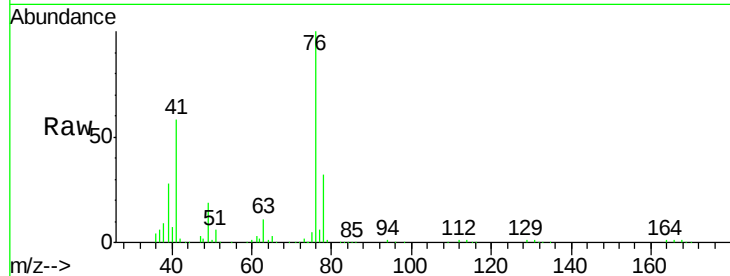
#57
 1,3-Dichloropropane
 Concen: 55.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 157604
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.4 39.6

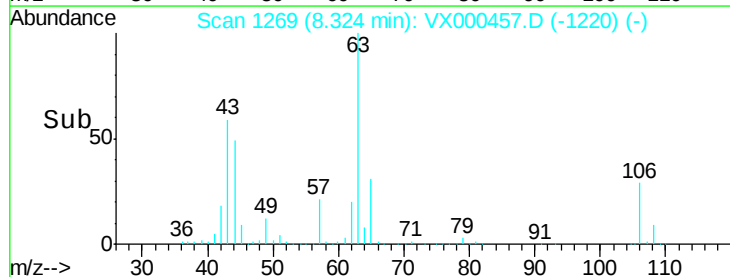
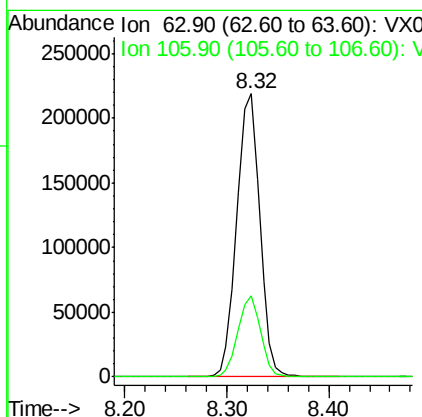
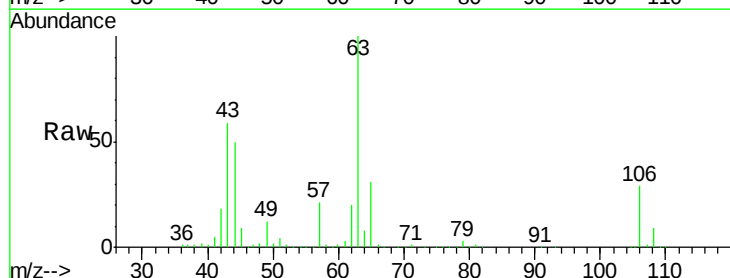
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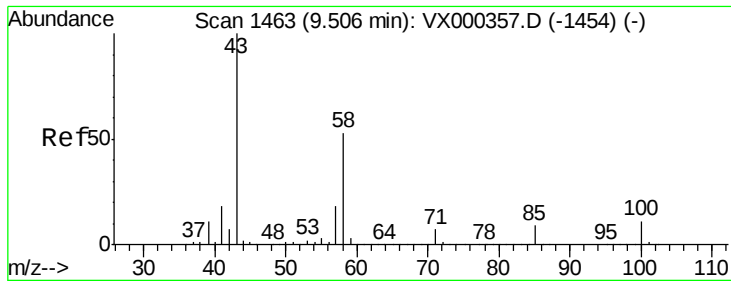
MMMadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.08 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion: 63 Resp: 341263
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8





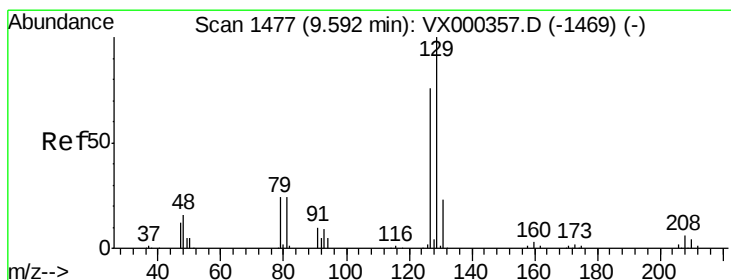
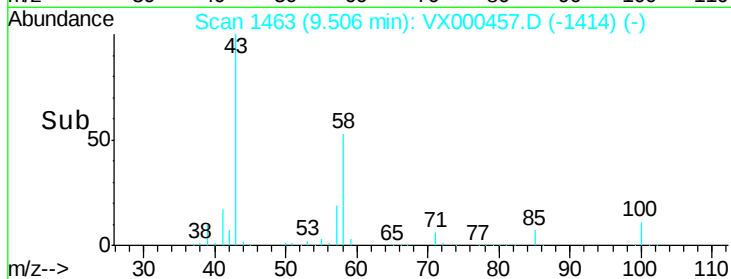
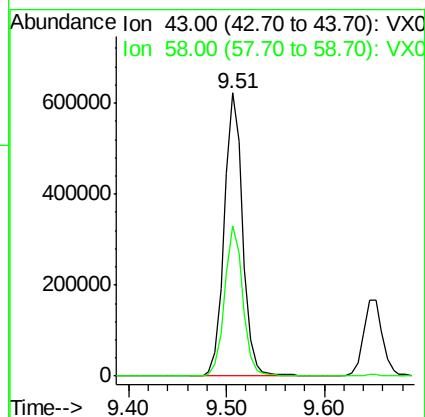
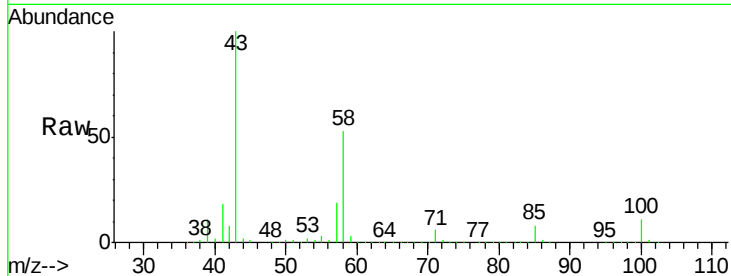
#59
2-Hexanone
Concen: 287.41 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 811310
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7

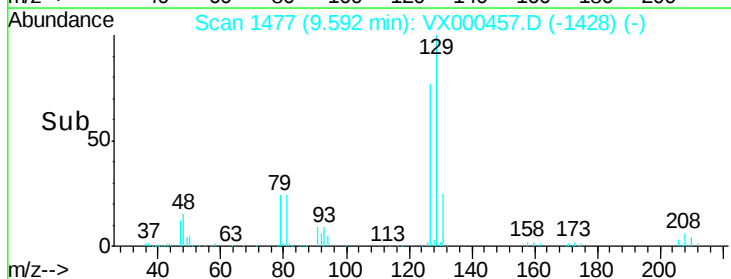
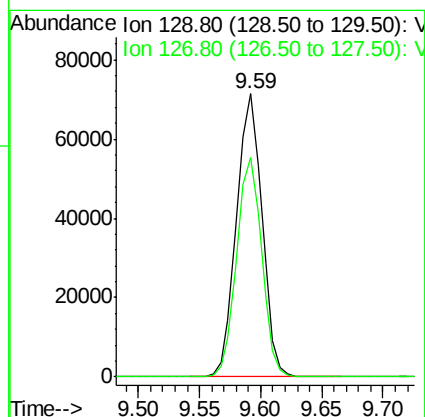
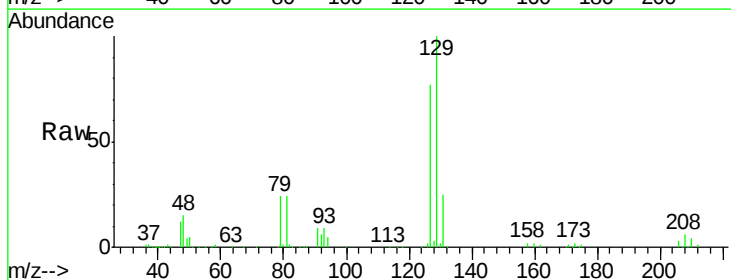
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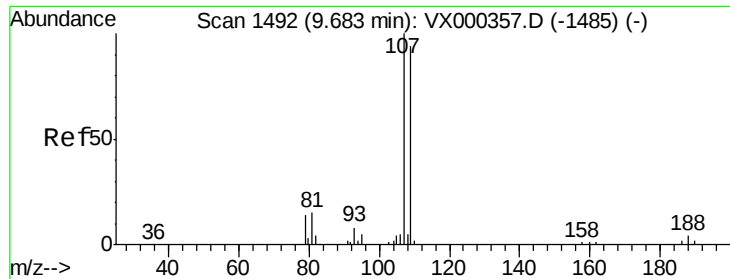
MMDadoda
3/28/2018 11:41:54 AM



#60
Dibromochloromethane
Concen: 49.40 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion: 129 Resp: 102983
Ion Ratio Lower Upper
129 100
127 76.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 54.60 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 103255

Ion Ratio Lower Upper

107 100

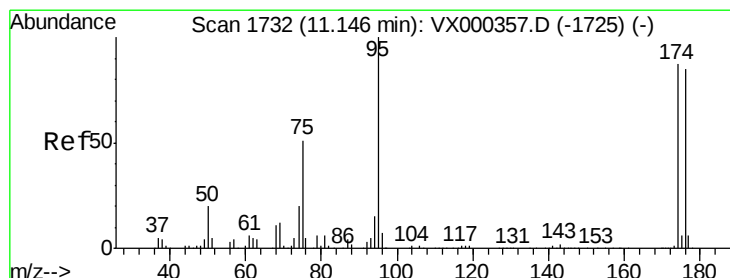
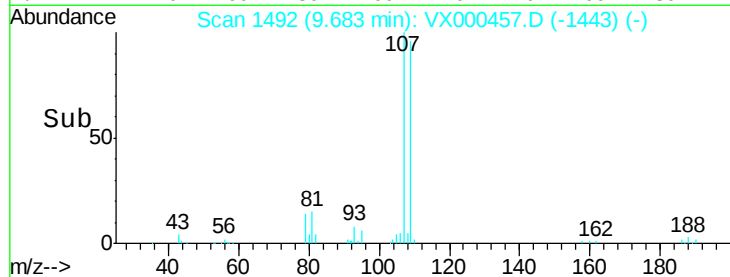
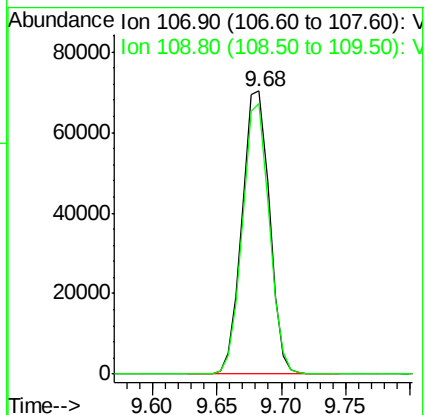
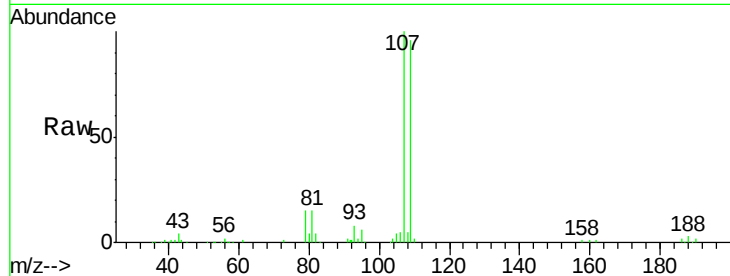
109 93.8 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 46.00 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

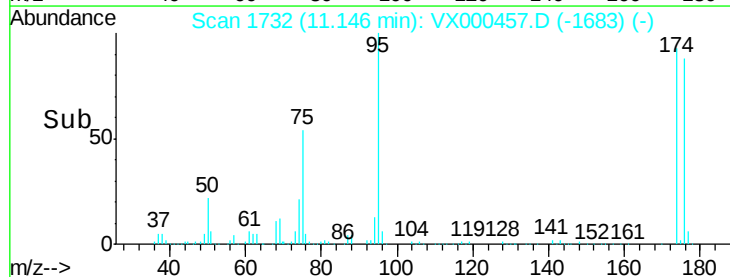
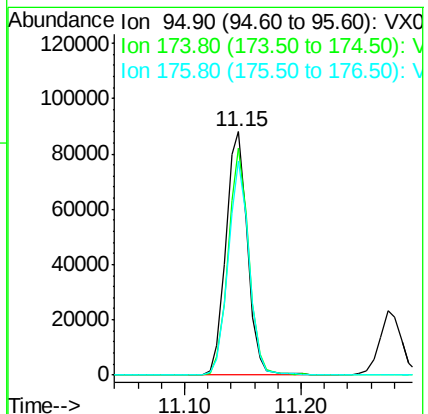
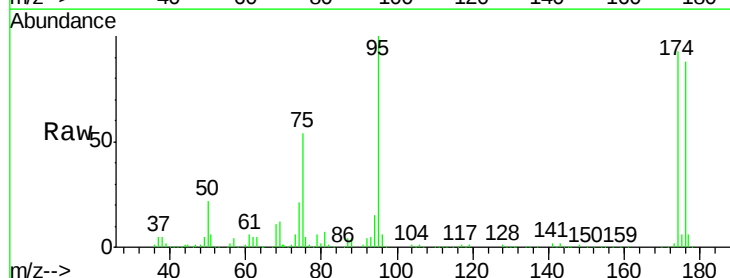
Tgt Ion: 95 Resp: 113001

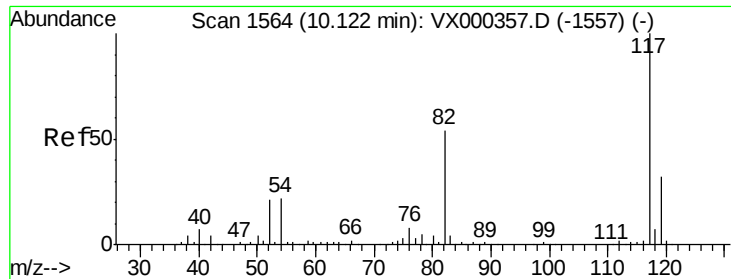
Ion Ratio Lower Upper

95 100

174 88.8 0.0 173.6

176 85.0 0.0 164.6





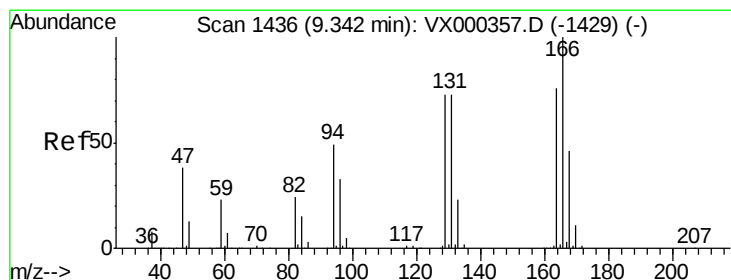
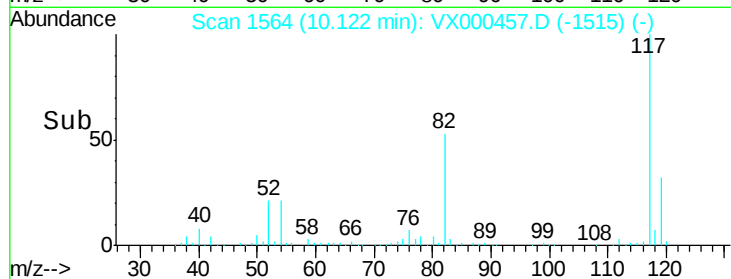
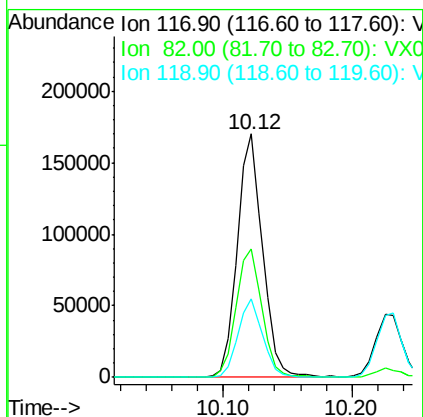
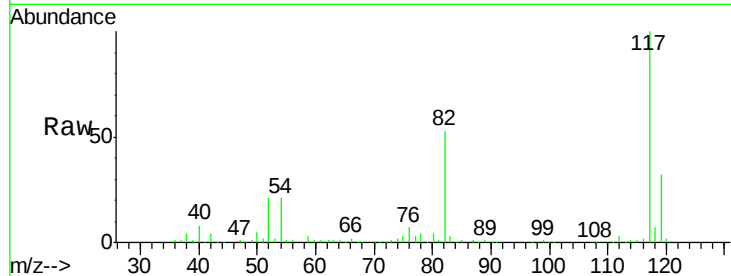
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.8	65.8
119	32.0	24.9	37.3

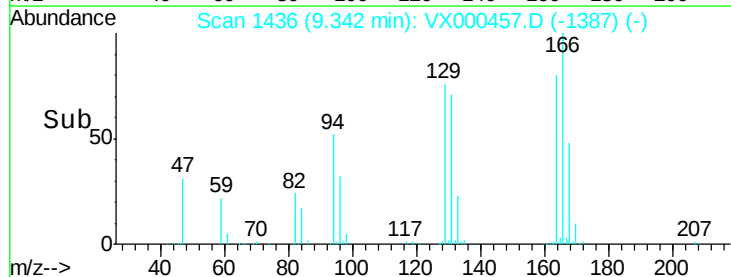
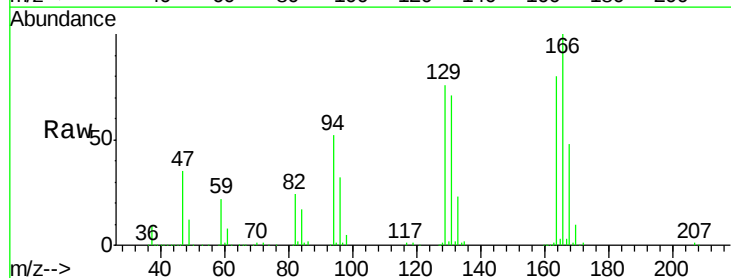
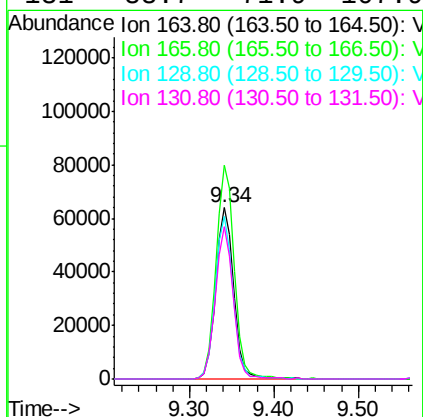
Manual Integrations
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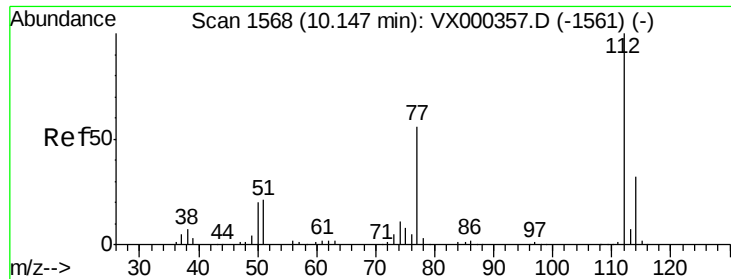
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#64
Tetrachloroethene
Concen: 52.69 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	101.0	151.6
129	94.9	79.0	118.4
131	88.7	71.9	107.9





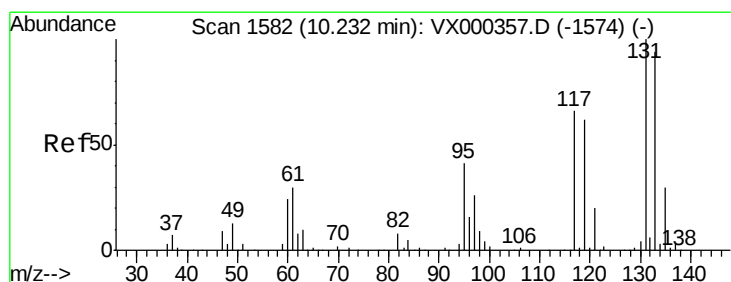
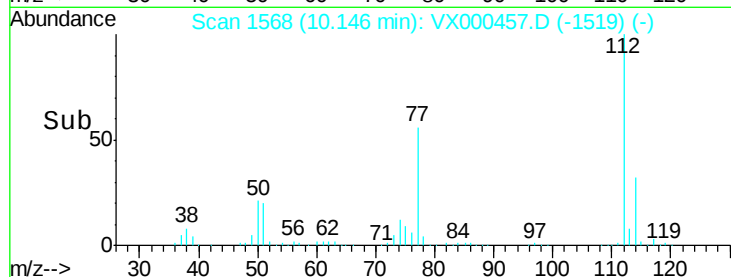
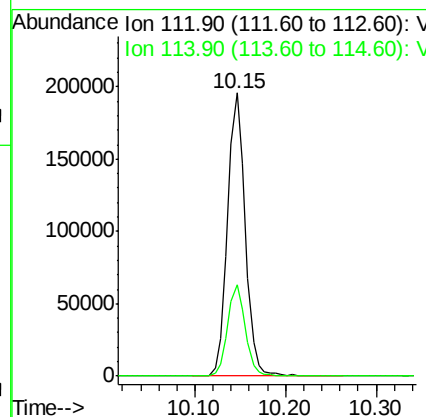
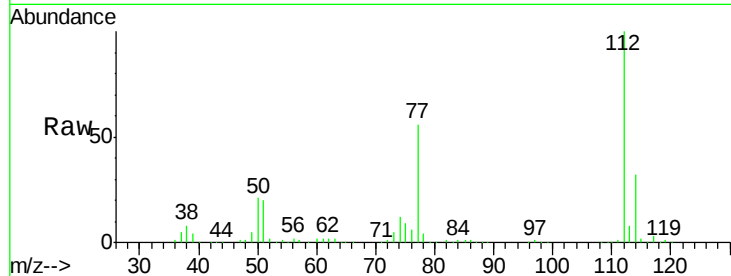
#65
Chlorobenzene
Concen: 51.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 267580
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

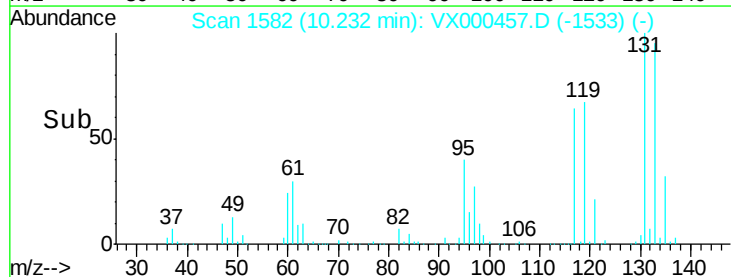
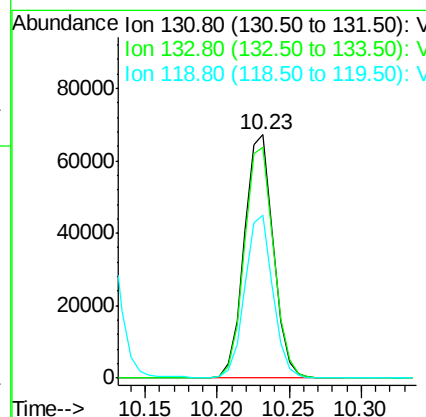
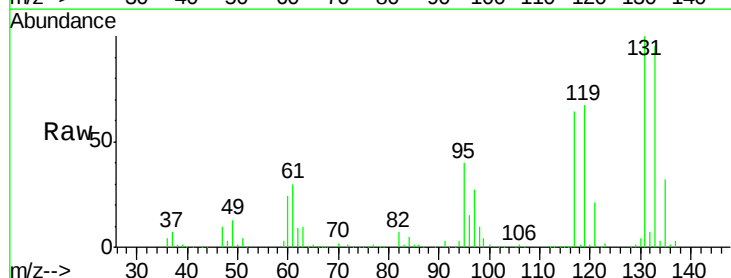
Manual Integrations
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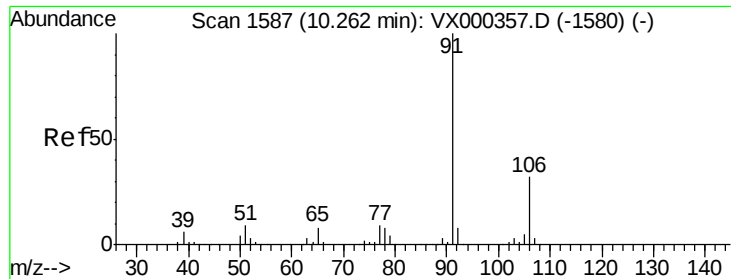
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.18 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion:131 Resp: 93317
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 64.8 33.1 99.2





#67

Ethyl Benzene

Concen: 52.85 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 462881

Ion Ratio Lower Upper

91 100

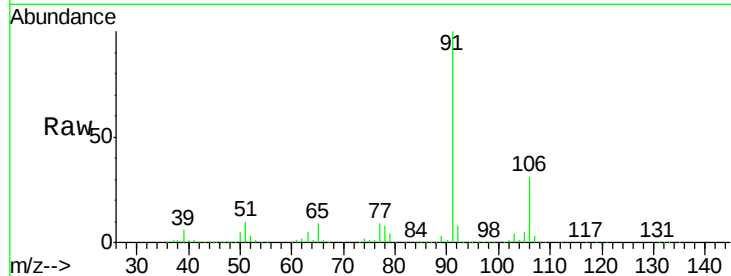
106 31.3 25.0 37.6

Manual Integrations

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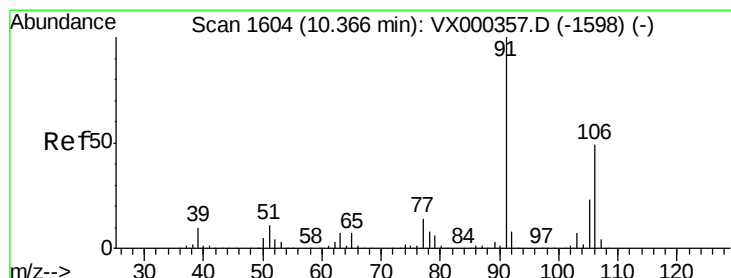
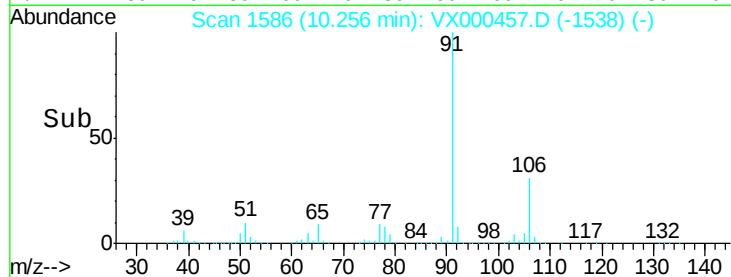
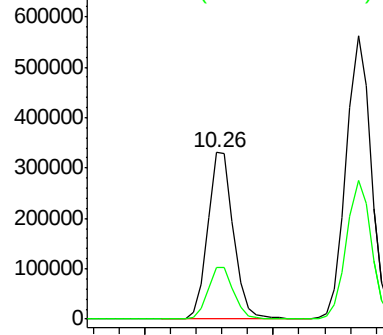
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.89 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000457.D

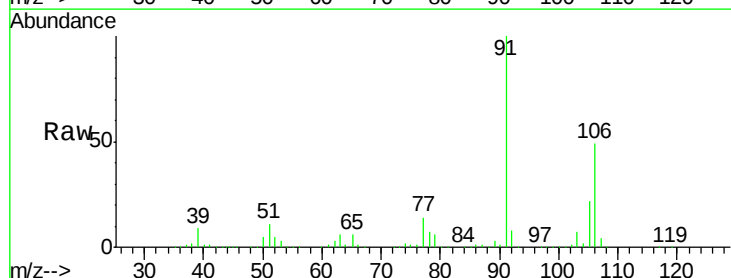
Acq: 27 Mar 2018 13:24

Tgt Ion: 106 Resp: 371843

Ion Ratio Lower Upper

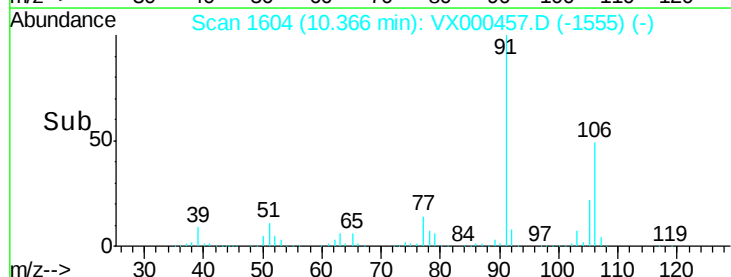
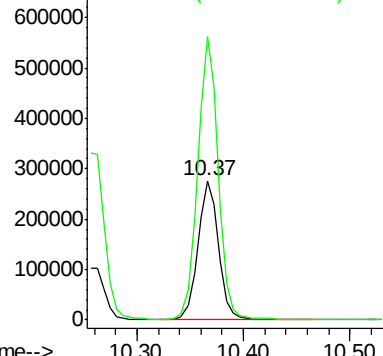
106 100

91 204.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





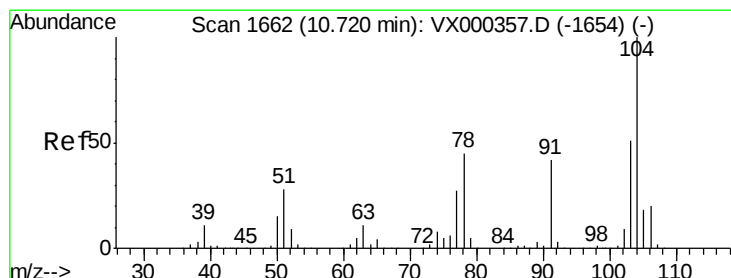
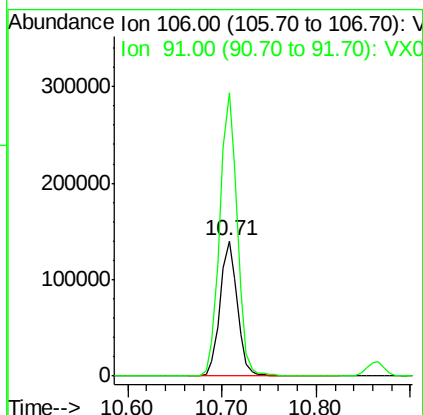
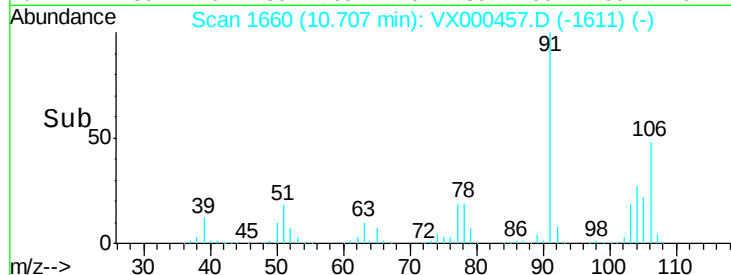
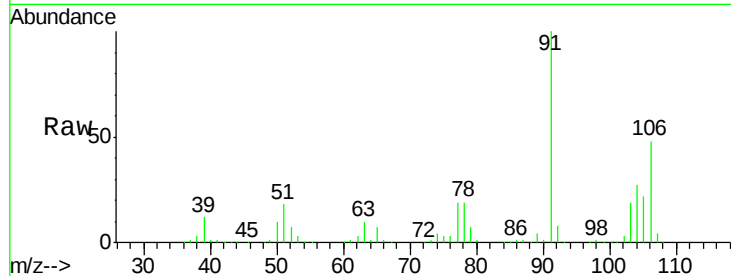
#69
o-Xylene
Concen: 53.55 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 178714
Ion Ratio Lower Upper
106 100
91 212.3 106.5 319.6

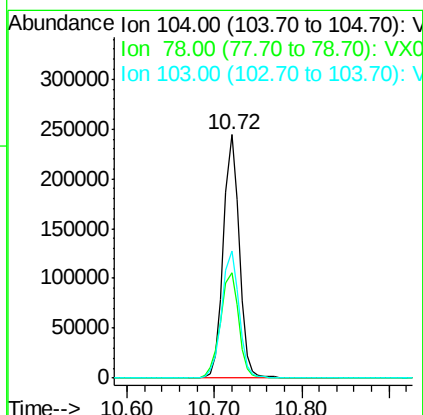
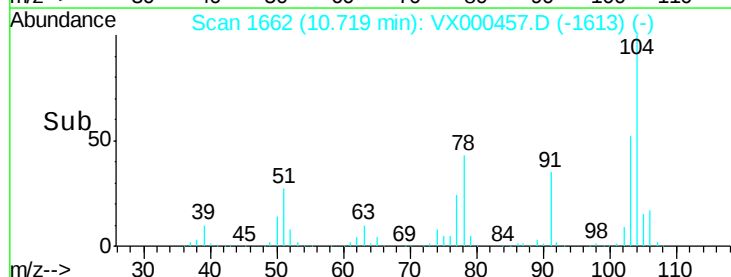
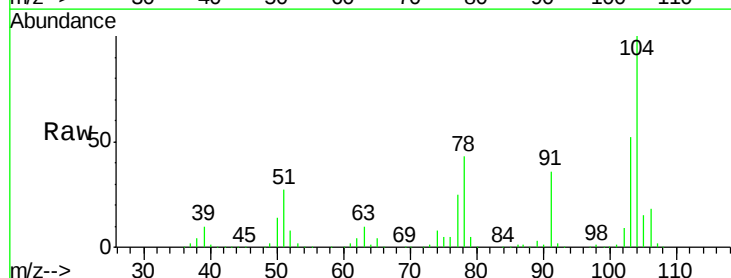
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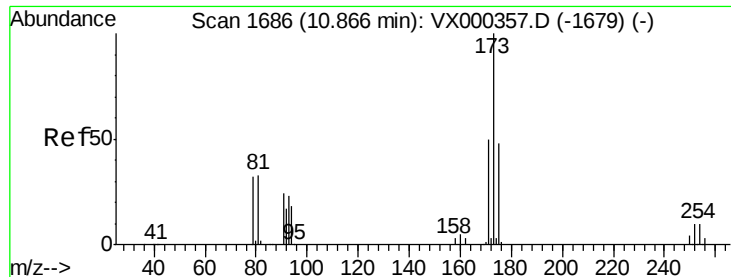
MMDadoda
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#70
Styrene
Concen: 55.43 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion:104 Resp: 306051
Ion Ratio Lower Upper
104 100
78 50.2 40.5 60.7
103 57.2 45.7 68.5





#71

Bromoform

Concen: 45.31 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 81936

Ion Ratio Lower Upper

173 100

175 48.8 25.4 76.4

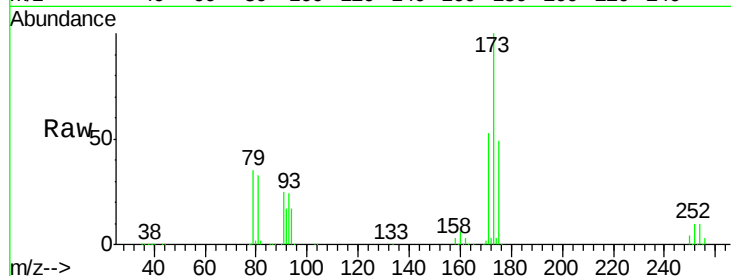
254 0.1 0.0 0.0#

Manual Integrations

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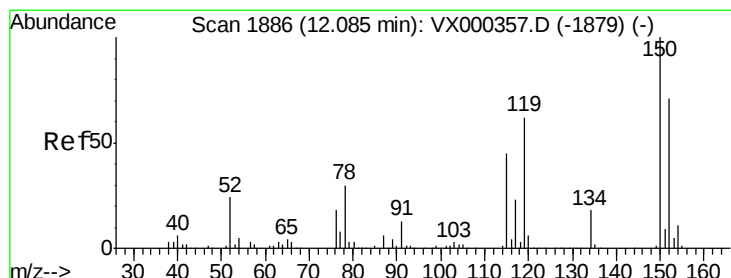
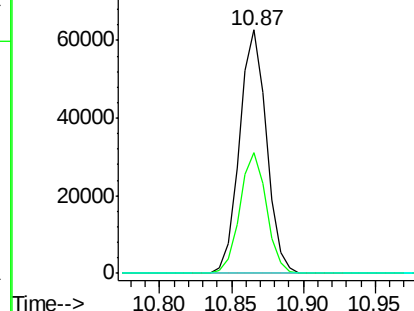
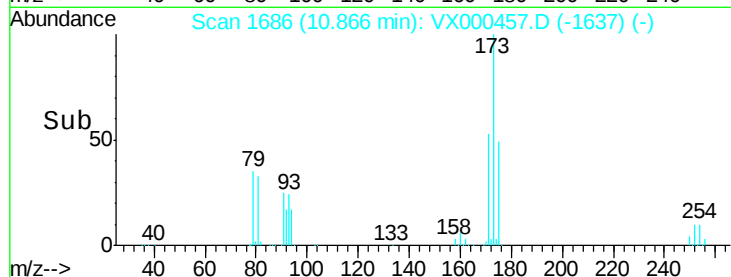
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

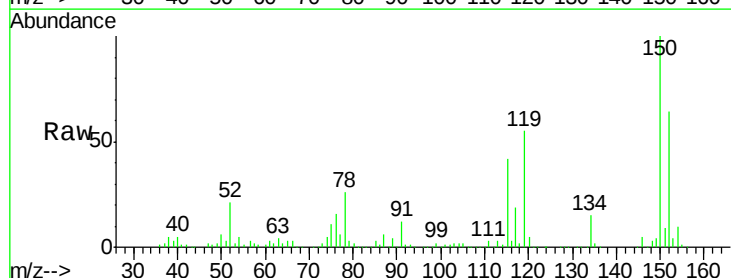
Tgt Ion:152 Resp: 152241

Ion Ratio Lower Upper

152 100

115 85.6 39.8 119.3

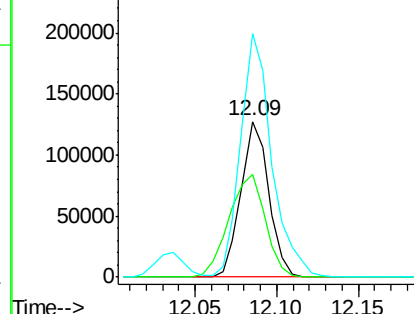
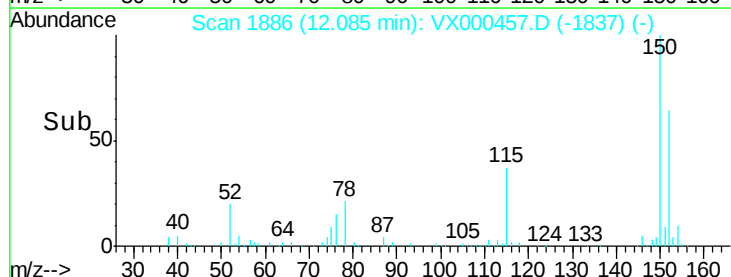
150 174.8 0.0 344.4

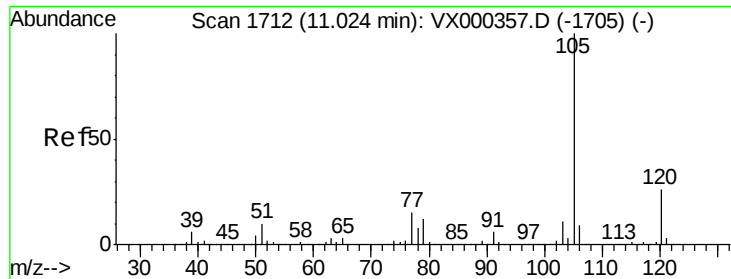


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.14 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 495673

Ion Ratio Lower Upper

105 100

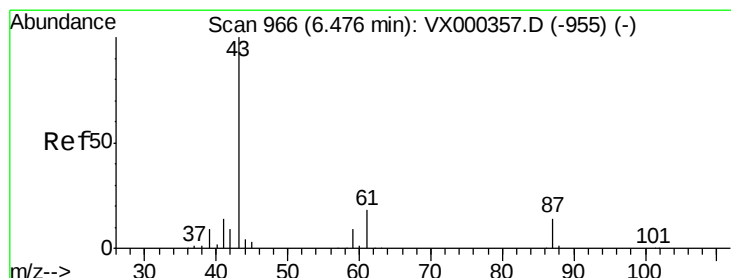
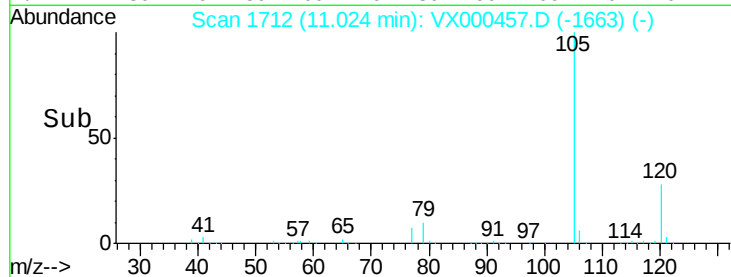
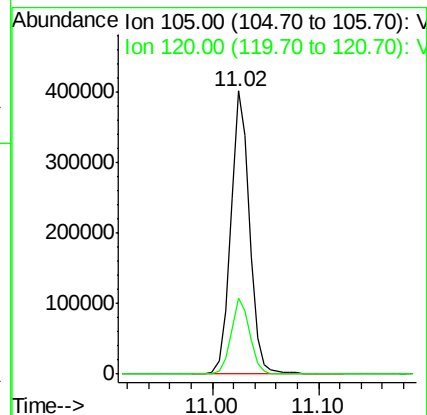
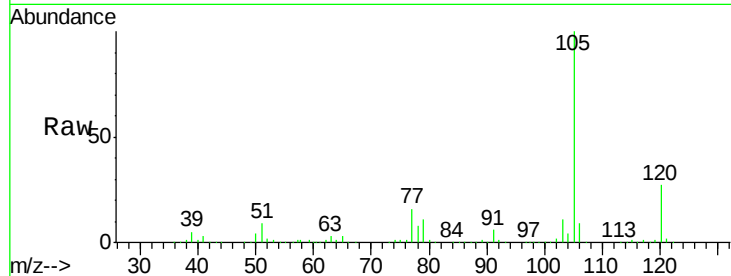
120 26.9 13.6 40.7

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#74

N-ethyl acetate

Concen: 53.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion: 43 Resp: 235017

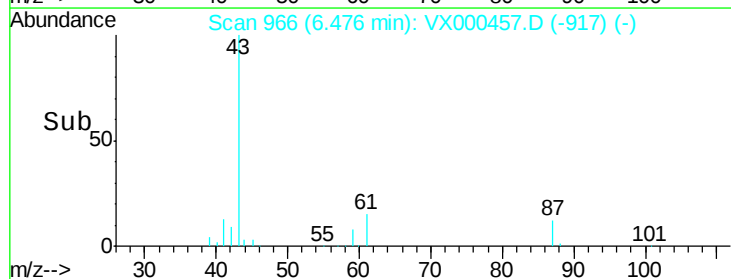
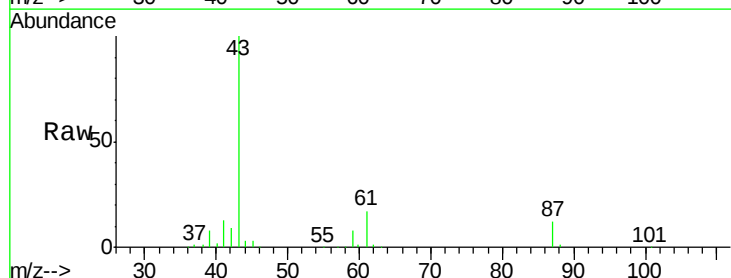
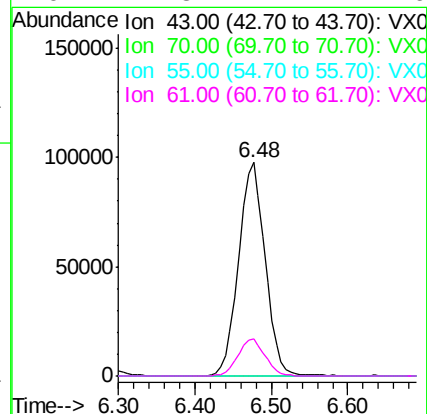
Ion Ratio Lower Upper

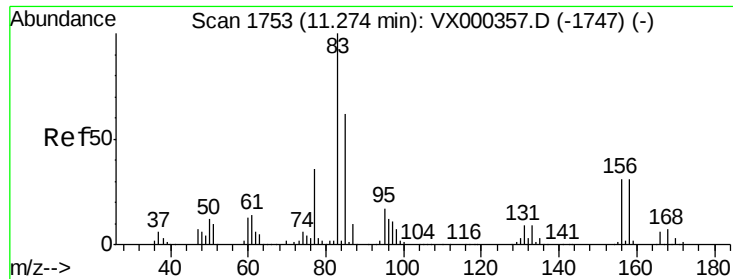
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 177845
Ion Ratio Lower Upper

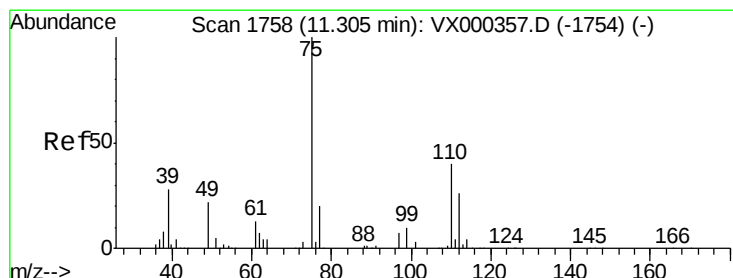
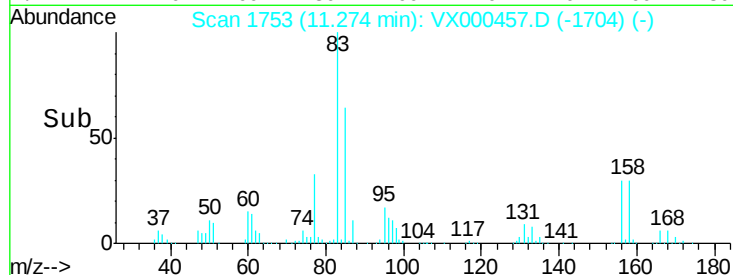
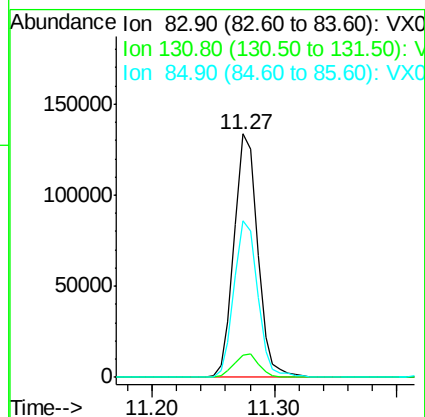
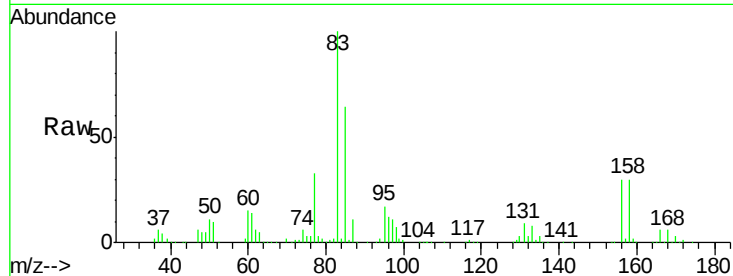
83 100

131 10.0 5.0 14.9

85 64.8 32.5 97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.94 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

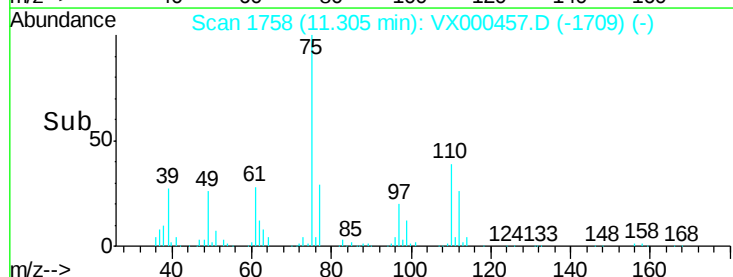
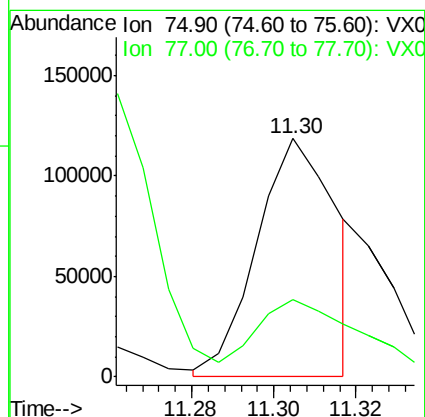
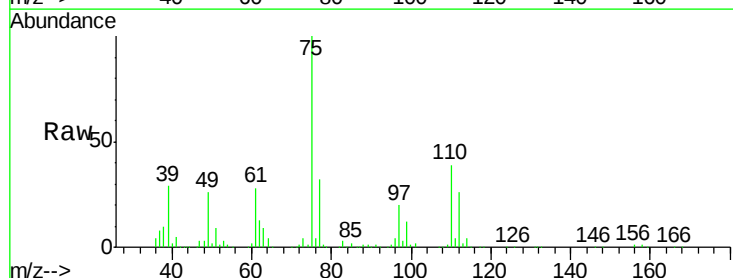
Lab File: VX000457.D

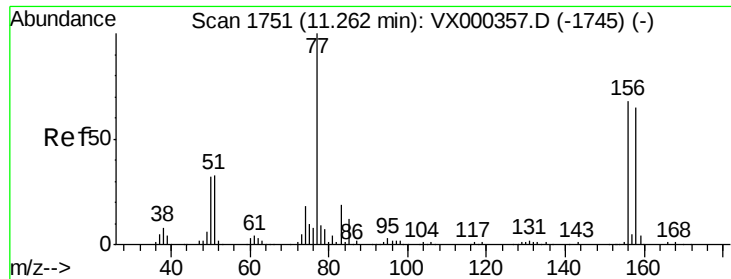
Acq: 27 Mar 2018 13:24

Tgt Ion: 75 Resp: 160126
Ion Ratio Lower Upper

75 100

77 42.9 21.4 64.2





#77

Bromobenzene

Concen: 45.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

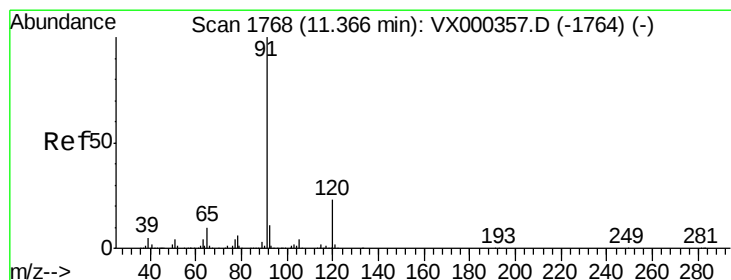
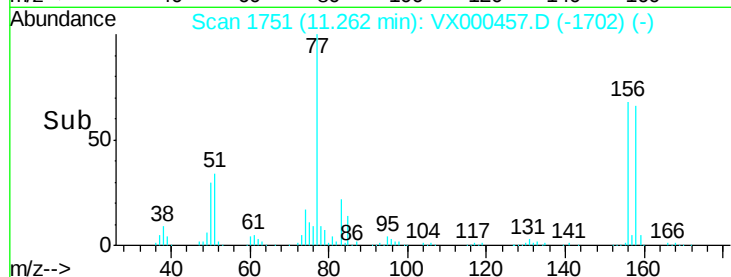
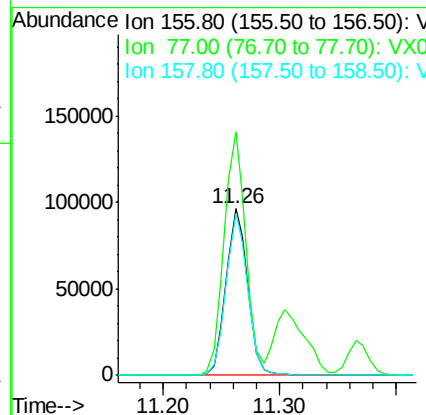
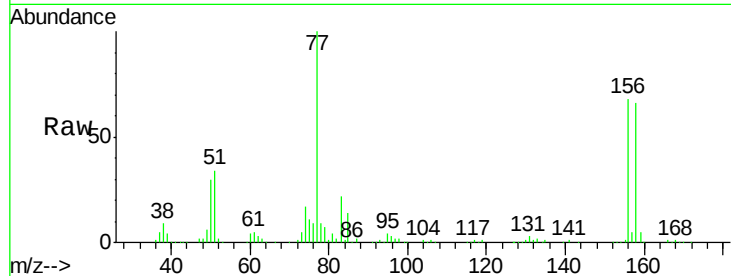
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.9	73.4	220.2
158	97.0	48.5	145.6

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#78

n-propylbenzene

Concen: 50.35 ug/l

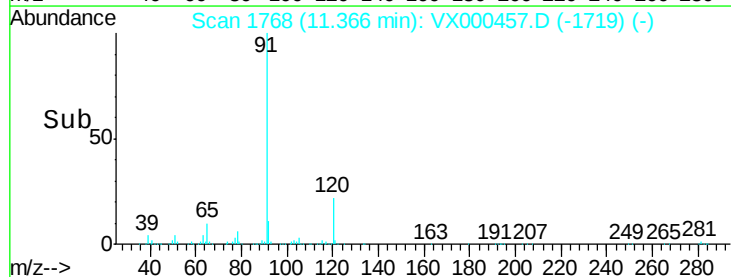
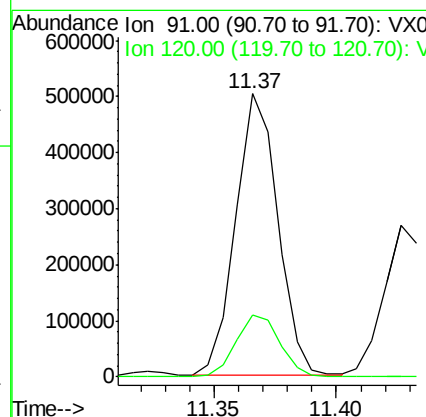
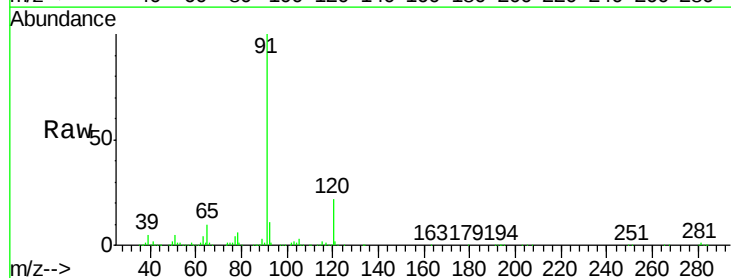
RT: 11.37 min Scan# 1768

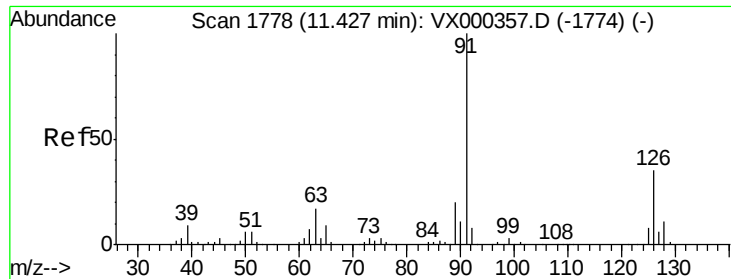
Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.8	35.3





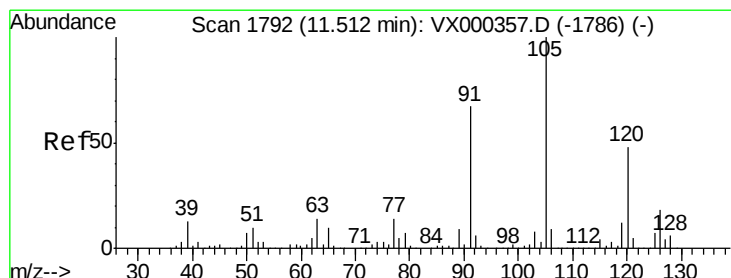
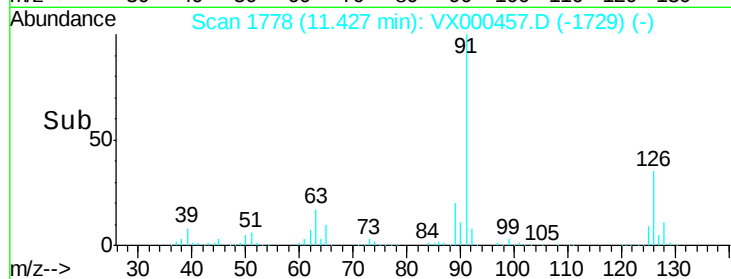
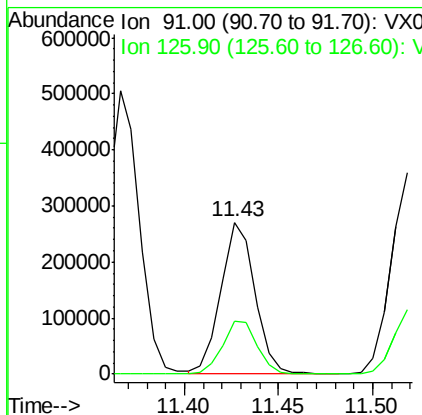
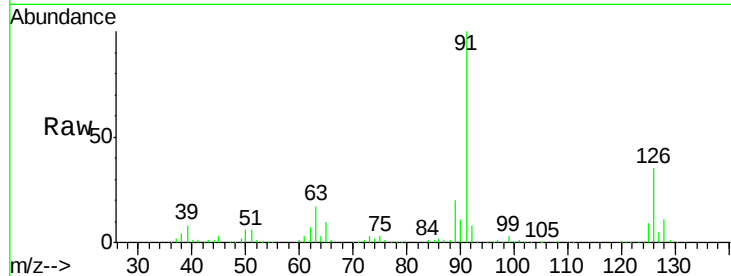
#79
 2-Chlorotoluene
 Concen: 48.29 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 335554
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.7 53.1

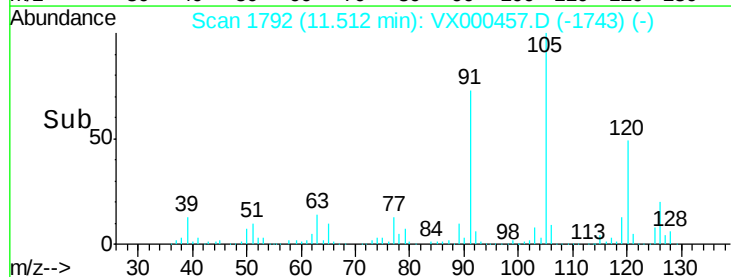
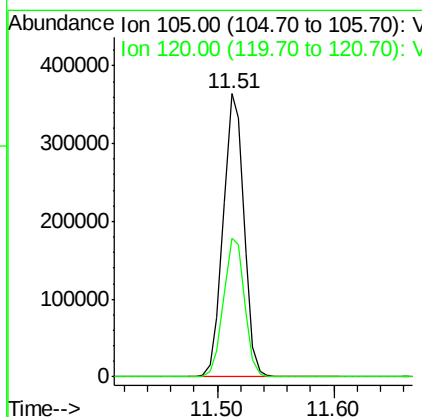
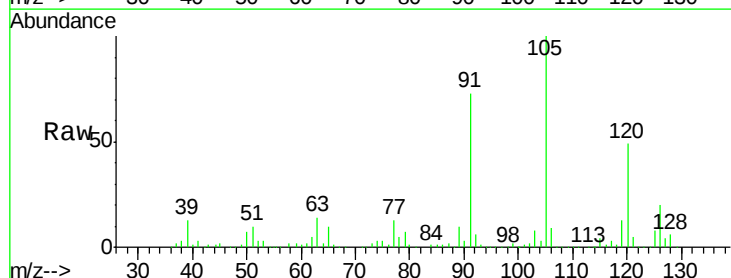
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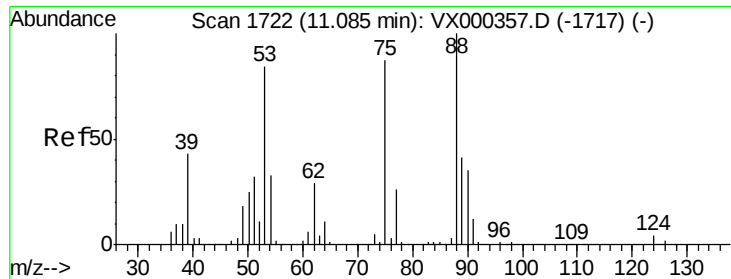
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.90 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion: 105 Resp: 448635
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.14 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 53699

Ion Ratio Lower Upper

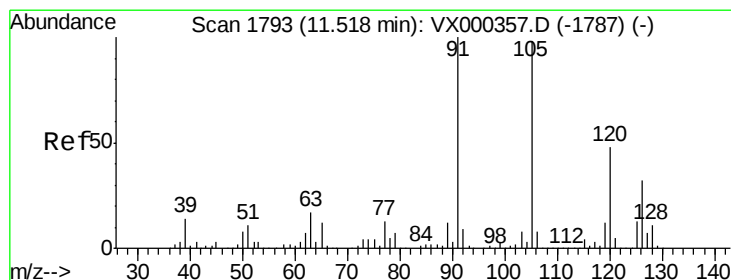
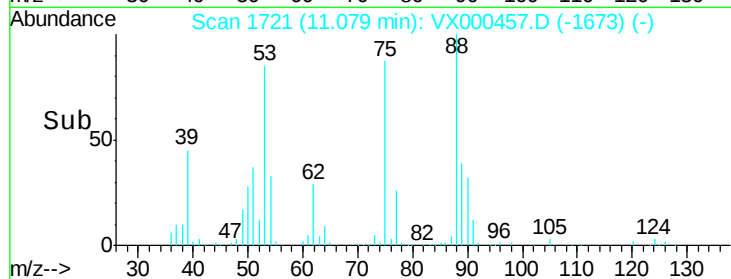
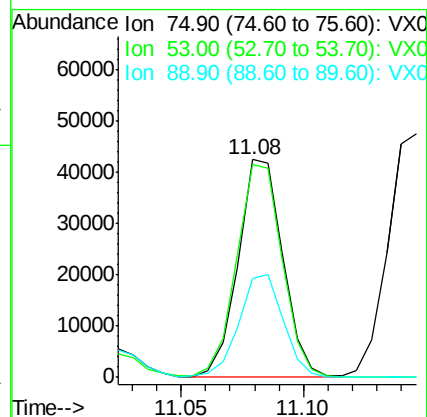
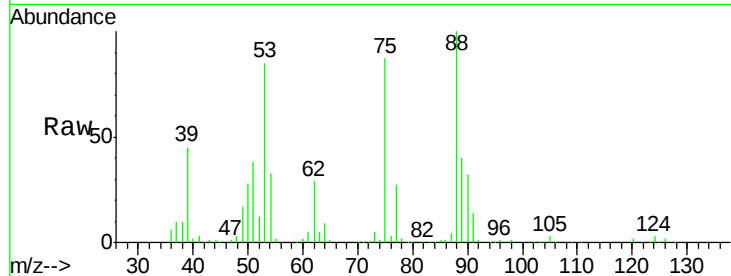
75 100

53 100.5 80.7 121.1

89 47.4 39.4 59.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.11 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000457.D

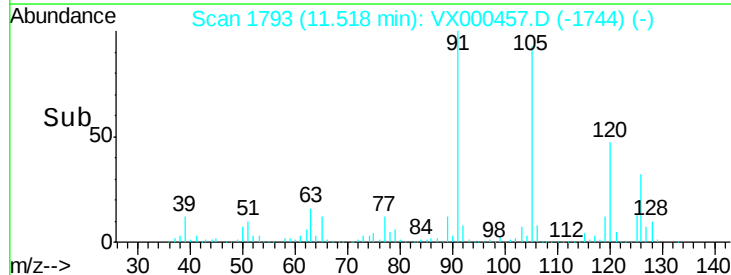
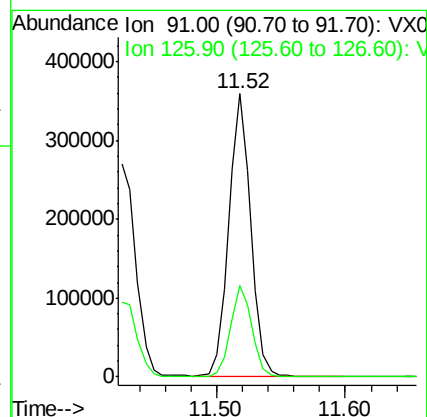
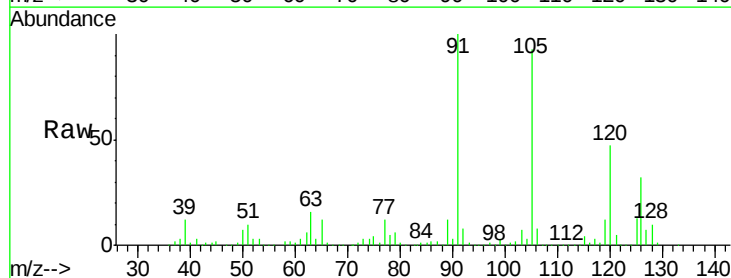
Acq: 27 Mar 2018 13:24

Tgt Ion: 91 Resp: 432340

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.1





#83

tert-Butylbenzene

Concen: 50.18 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

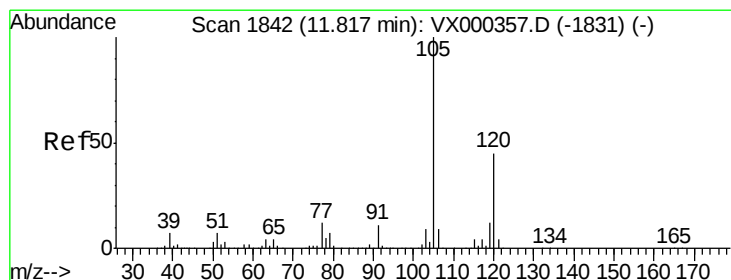
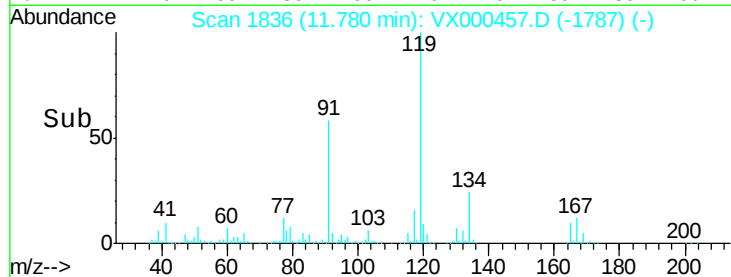
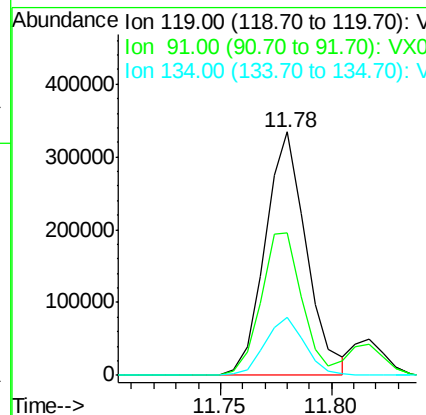
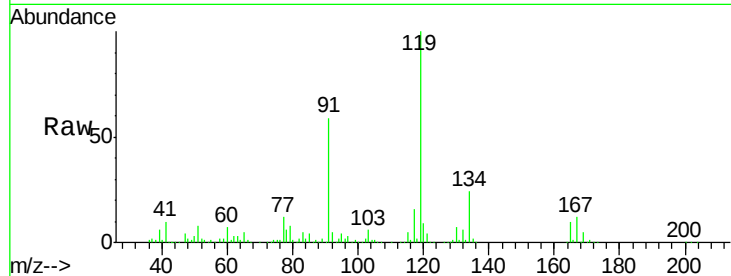
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	429193
Ion Ratio	Lower	Upper	
119	100		
91	58.4	28.8	86.4
134	22.9	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.53 ug/l

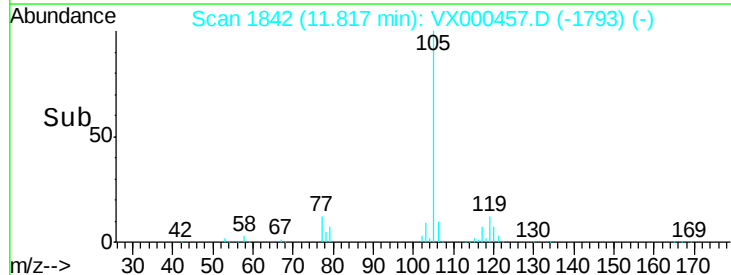
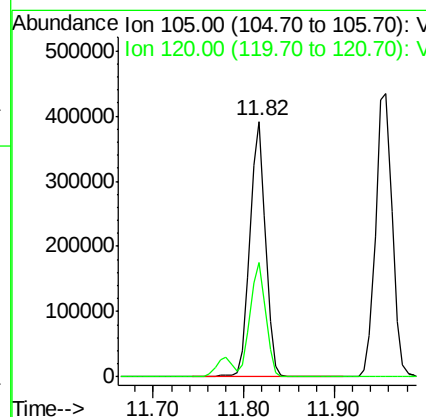
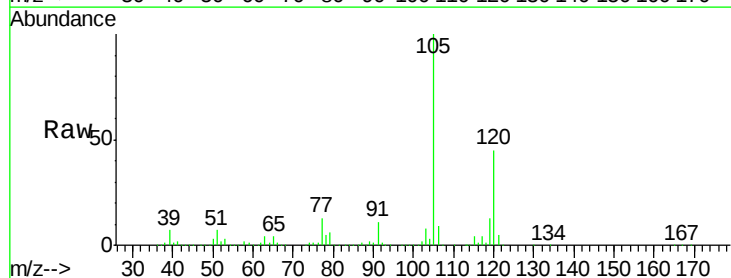
RT: 11.82 min Scan# 1842

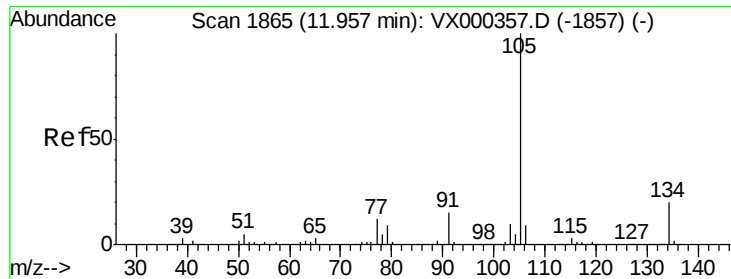
Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion:	105	Resp:	467145
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.29 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 553405

Ion Ratio Lower Upper

105 100

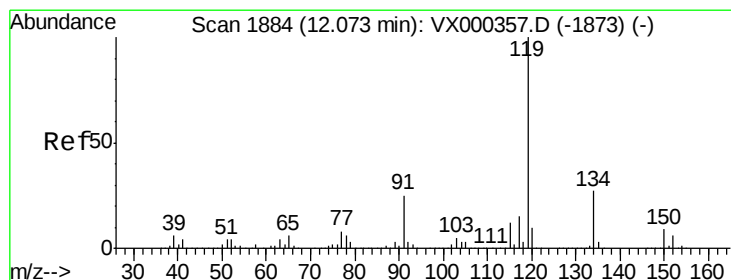
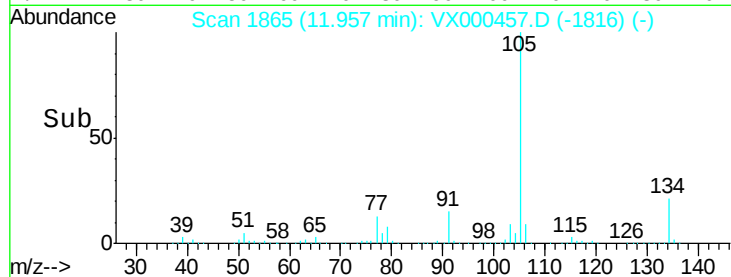
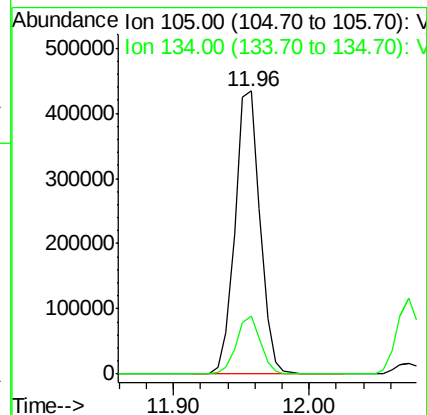
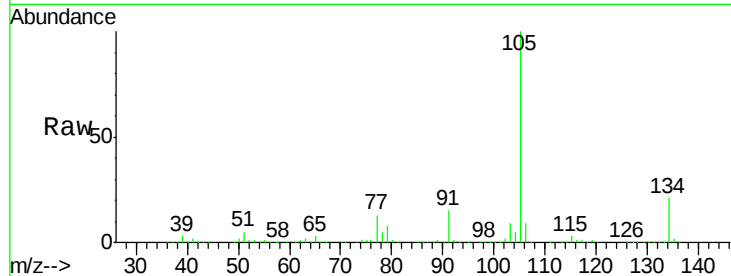
134 19.9 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 54.22 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

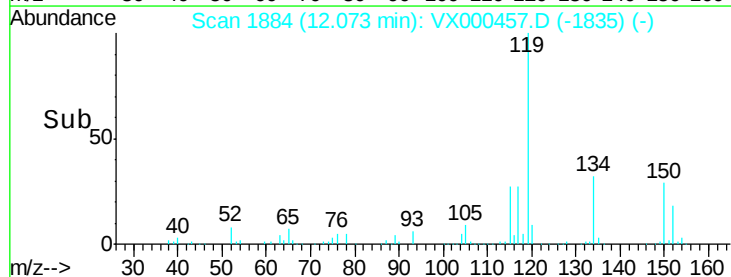
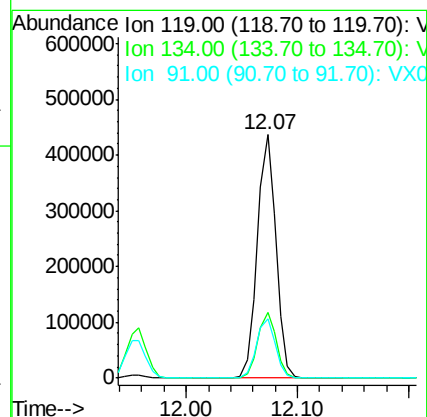
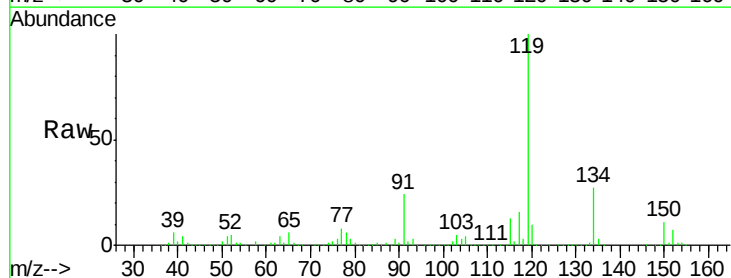
Tgt Ion:119 Resp: 509676

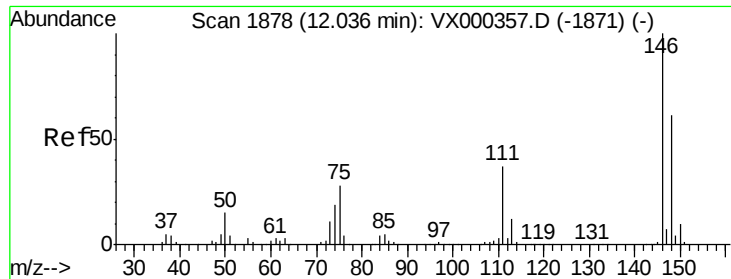
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 24.7 12.0 36.1





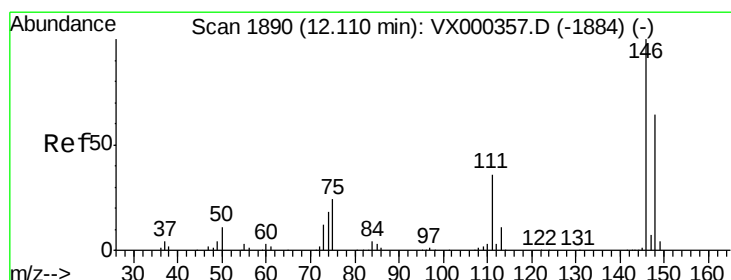
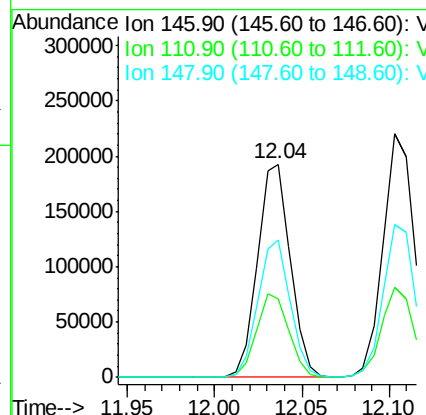
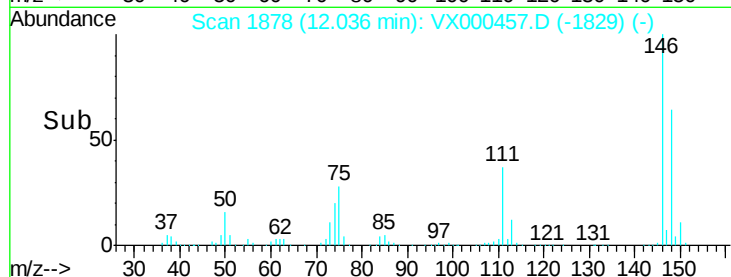
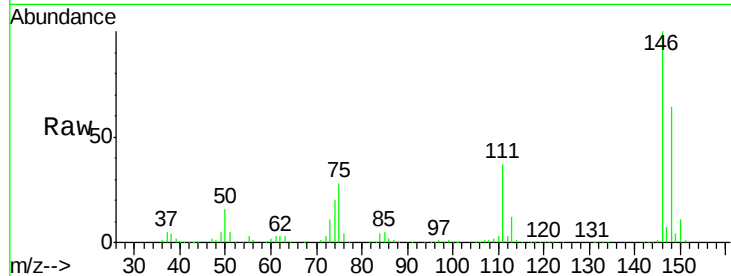
#87
 1,3-Dichlorobenzene
 Concen: 49.49 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	63.6	32.4	97.0

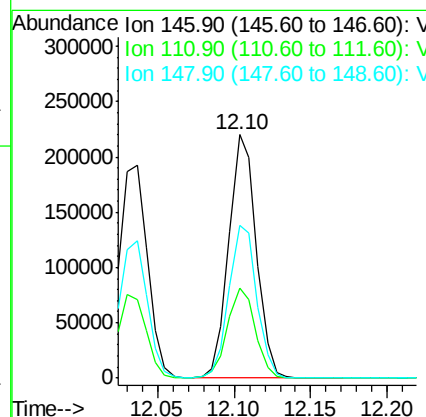
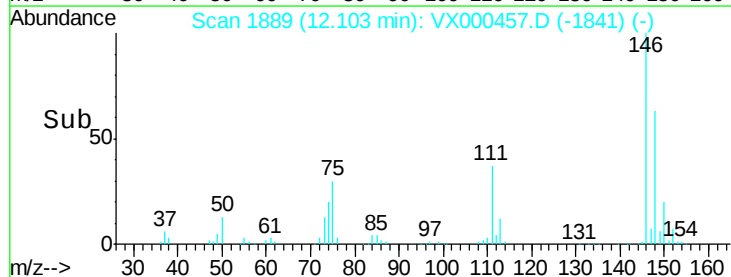
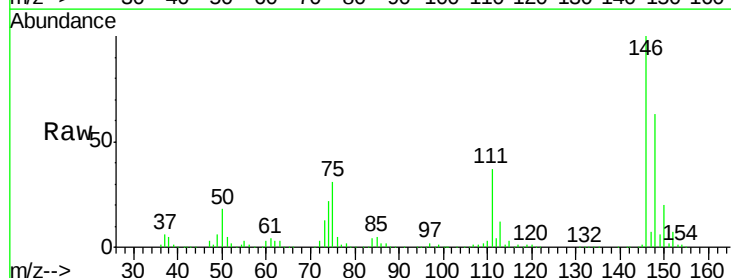
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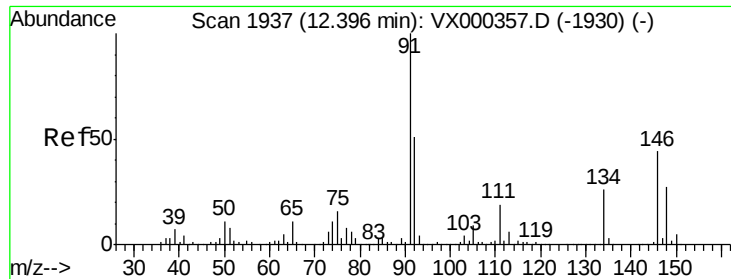
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#88
 1,4-Dichlorobenzene
 Concen: 51.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	63.7	31.0	93.0





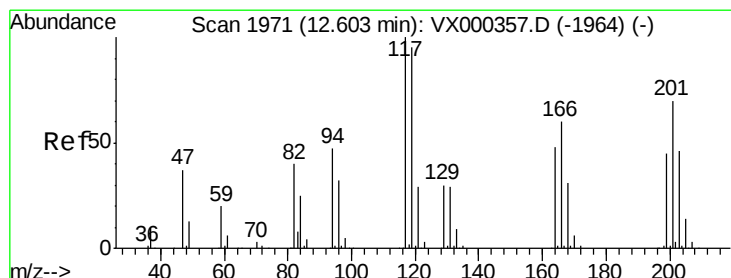
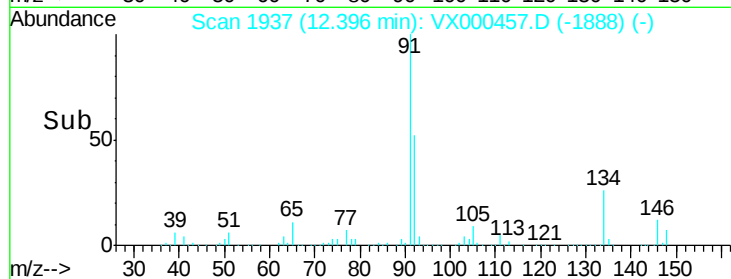
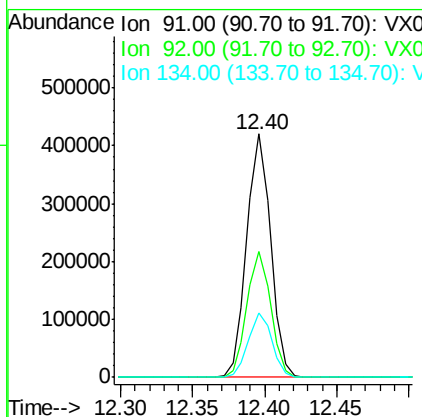
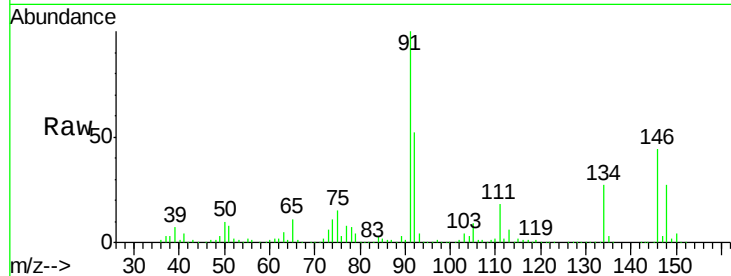
#89
n-Butylbenzene
Concen: 55.14 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.9	77.8
134	26.1	13.1	39.3

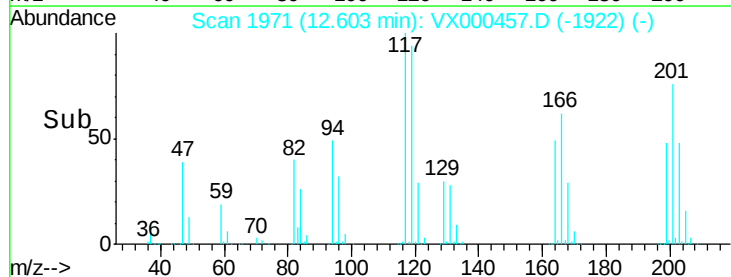
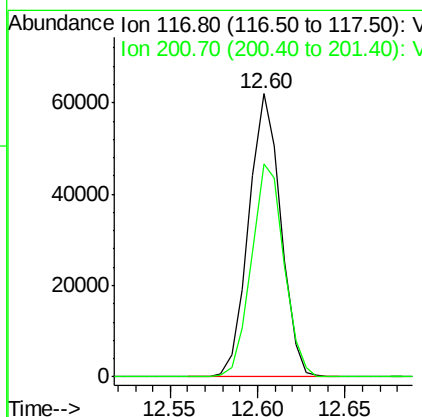
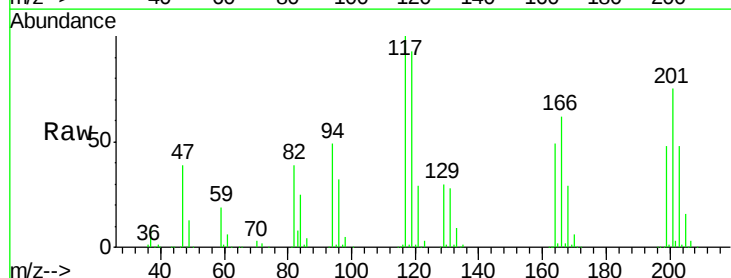
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#90
Hexachloroethane
Concen: 53.09 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000457.D
Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.0	37.9	113.6





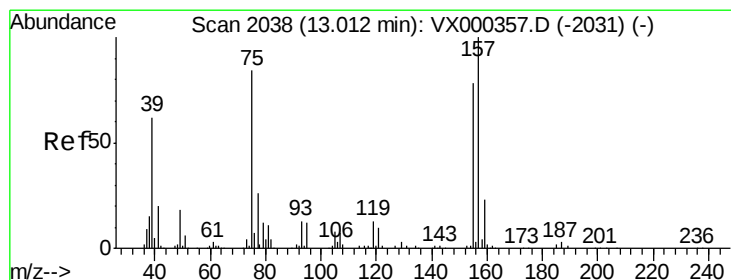
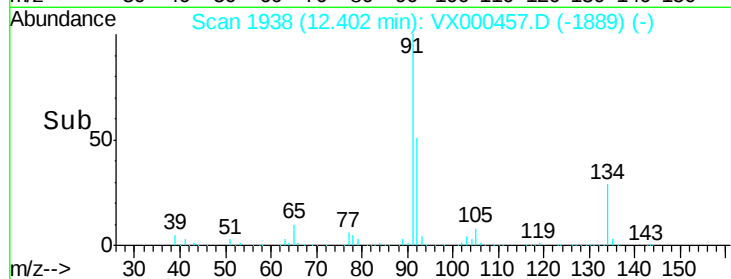
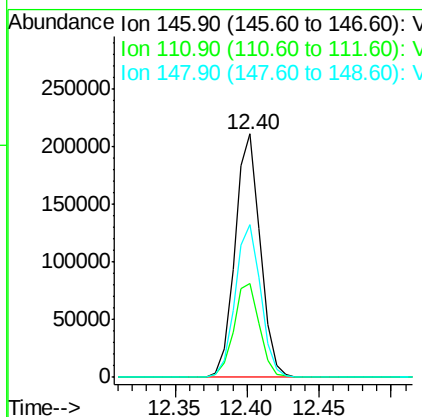
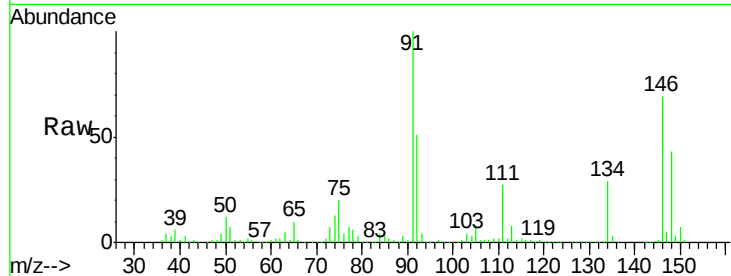
#91
 1,2-Dichlorobenzene
 Concen: 51.92 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	63.4	31.2	93.6

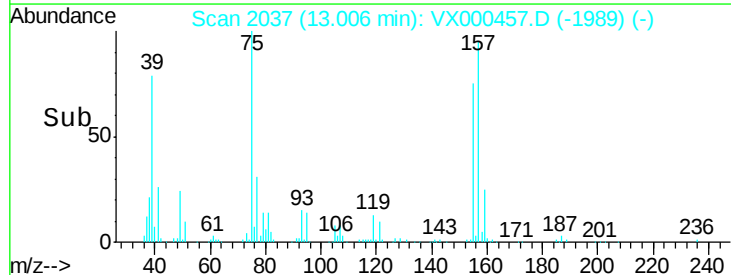
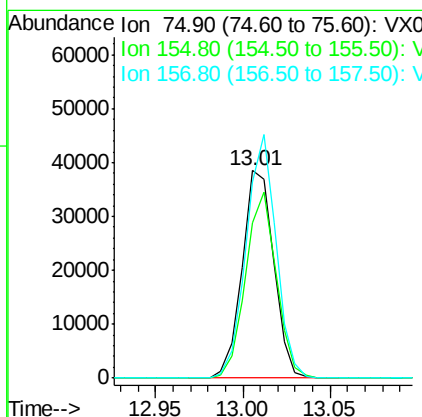
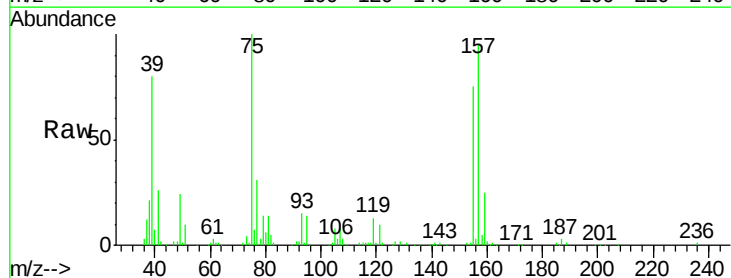
Manual Integrations
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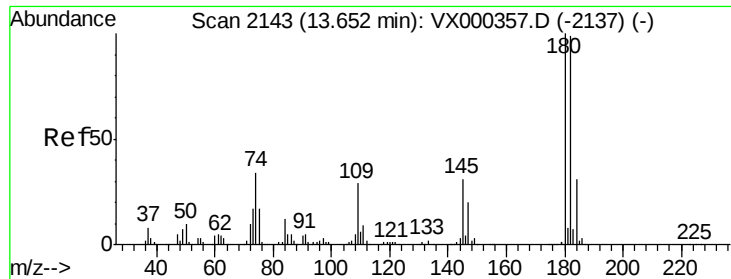
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.86 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	45.0	134.8
157	110.8	58.1	174.2





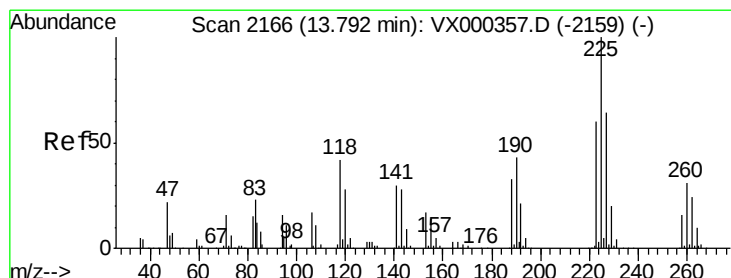
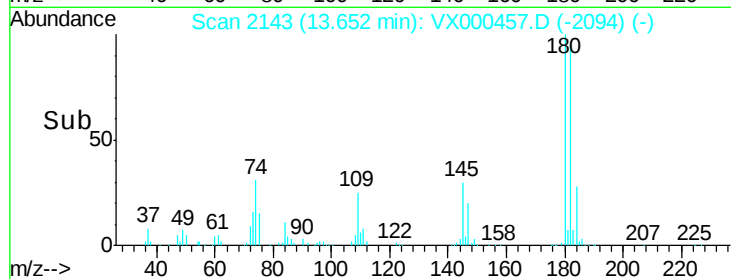
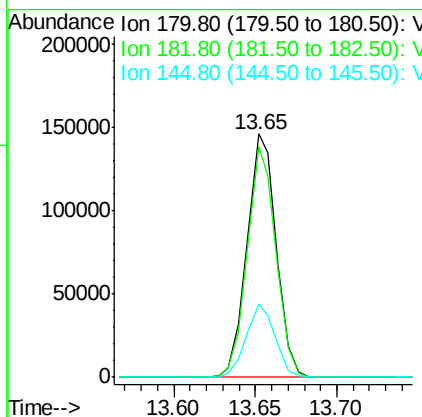
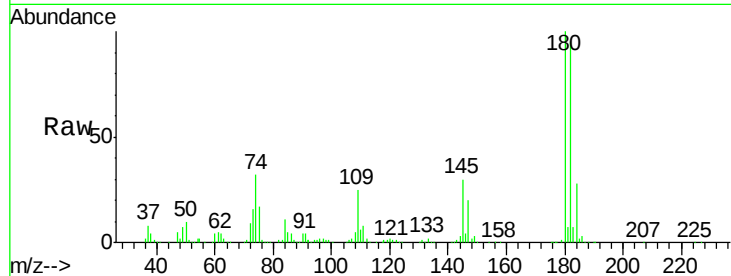
#93
 1,2,4-Trichlorobenzene
 Concen: 50.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.6	142.9
145	29.7	15.1	45.3

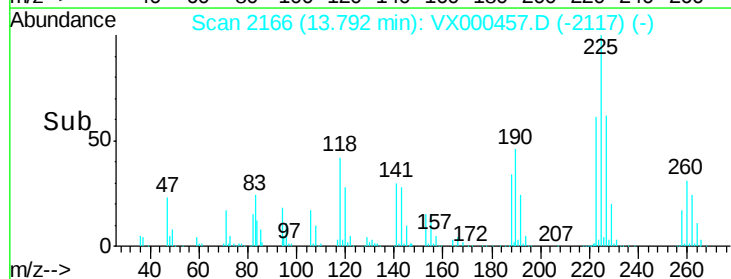
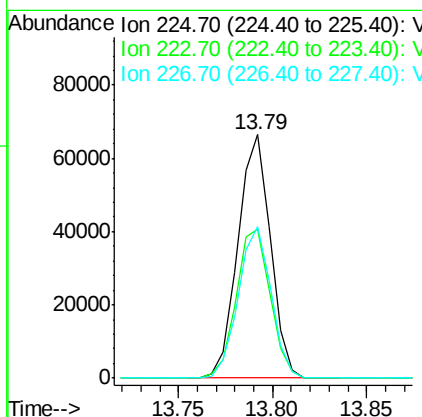
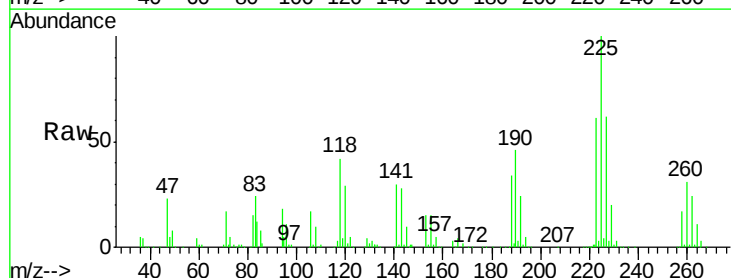
Manual Integrations
 APPROVED

MMDadoda
 3/28/2018 11:41:54 AM



#94
 Hexachlorobutadiene
 Concen: 53.65 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000457.D
 Acq: 27 Mar 2018 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.0	96.0
227	62.8	32.6	98.0





#95

Naphthalene

Concen: 49.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Instrument :

MSVOA_X

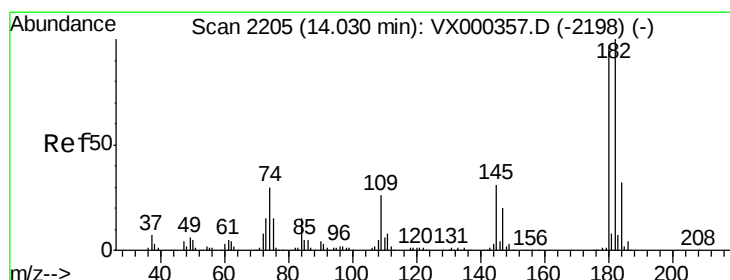
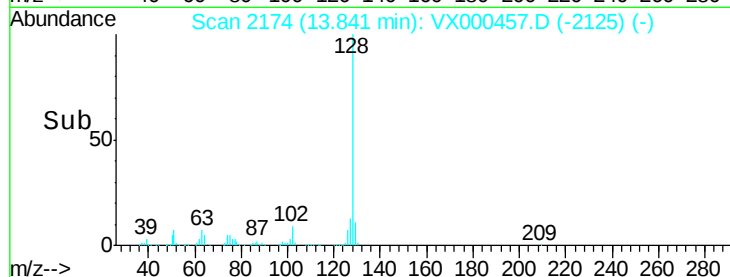
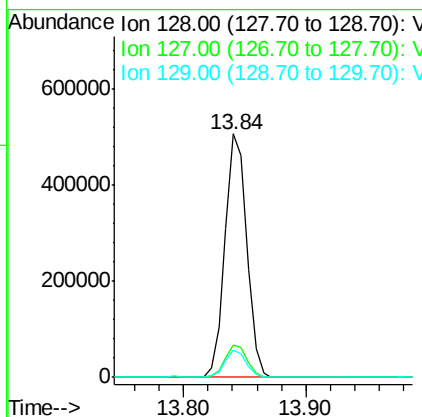
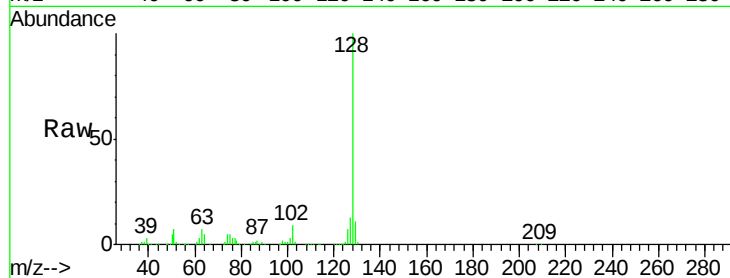
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	621886
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/28/2018 11:41:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.02 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000457.D

Acq: 27 Mar 2018 13:24

Tgt Ion:	180	Resp:	172987
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.4	142.3
145	32.8	15.8	47.3

