

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006136.D
 Acq On : 21 Nov 2018 20:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:40 AM

Quant Time: Nov 22 03:56:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247042	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	196216	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.50	113	158867	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.71	98	606884	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	226922	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	116125	47.539	ug/l	98
3) Chloromethane	1.32	50	136813	44.338	ug/l	99
4) Vinyl Chloride	1.41	62	145679	46.414	ug/l	97
5) Bromomethane	1.64	94	93912	39.728	ug/l	97
6) Chloroethane	1.71	64	84617	57.734	ug/l	100
7) Trichlorofluoromethane	1.93	101	199106	48.491	ug/l	99
8) Diethyl Ether	2.19	74	81721	47.083	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115858	47.585	ug/l	99
10) Methyl Iodide	2.51	142	122438	40.110	ug/l	100
11) Tert butyl alcohol	3.07	59	200107	246.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110869	46.710	ug/l	96
13) Acrolein	2.29	56	108764	224.323	ug/l	99
14) Allyl chloride	2.73	41	232016	47.779	ug/l	99
15) Acrylonitrile	3.15	53	423178	236.454	ug/l	99
16) Acetone	2.45	43	388791	230.026	ug/l	99
17) Carbon Disulfide	2.57	76	320236	49.967	ug/l	99
18) Methyl Acetate	2.78	43	215034	49.611	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	404333	49.284	ug/l	99
20) Methylene Chloride	2.85	84	126384	49.398	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121065	48.750	ug/l	94
22) Diisopropyl ether	3.87	45	538876	51.838	ug/l	95
23) Vinyl Acetate	3.82	43	2252718	261.206	ug/l	100
24) 1,1-Dichloroethane	3.70	63	237763	48.549	ug/l	99
25) 2-Butanone	4.70	43	753542	240.192	ug/l	99
26) 2,2-Dichloropropane	4.59	77	187794	46.525	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	167788	48.341	ug/l	100
28) Bromochloromethane	5.02	49	143578	50.301	ug/l	99
29) Tetrahydrofuran	5.15	42	493126	251.972	ug/l	100
30) Chloroform	5.21	83	282542	47.608	ug/l	97
31) Cyclohexane	5.57	56	252587	49.376	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	239610	50.001	ug/l	99
36) 1,1-Dichloropropene	5.80	75	210390	48.009	ug/l	98
37) Ethyl Acetate	4.85	43	271316	48.122	ug/l	99
38) Carbon Tetrachloride	5.78	117	205949	50.000	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254982	51.073	ug/l	99
40) Benzene	6.14	78	635256	49.203	ug/l	98
41) Methacrylonitrile	5.06	41	154587	49.753	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232956	48.262	ug/l	99
43) Isopropyl Acetate	6.46	43	413343	50.765	ug/l	100
44) Trichloroethene	7.21	130	176927	49.305	ug/l	98
45) 1,2-Dichloropropane	7.51	63	166741	48.800	ug/l	97
46) Dibromomethane	7.66	93	112333	48.006	ug/l	99
47) Bromodichloromethane	7.90	83	212767	49.163	ug/l	97
48) Methyl methacrylate	7.77	41	217982	52.787	ug/l	100
49) 1,4-Dioxane	7.75	88	96523	985.228	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1478938	253.365	ug/l	99
52) Toluene	8.79	92	405909	50.829	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	229741	50.870	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	252210	50.517	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	167682	48.484	ug/l	99
56) Ethyl methacrylate	9.18	69	256650	47.788	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279362	49.005	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	715930	238.503	ug/l	99
59) 2-Hexanone	9.49	43	1170704	252.718	ug/l	100
60) Dibromochloromethane	9.59	129	171928	50.705	ug/l	99
61) 1,2-Dibromoethane	9.67	107	176587	49.561	ug/l	100
64) Tetrachloroethene	9.34	164	185774	50.387	ug/l	99
65) Chlorobenzene	10.14	112	459856	50.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	160997	51.029	ug/l	99
67) Ethyl Benzene	10.25	91	787144	52.312	ug/l	98
68) m/p-Xylenes	10.36	106	613260	104.665	ug/l	99
69) o-Xylene	10.70	106	297213	53.104	ug/l	99
70) Styrene	10.71	104	493572	54.087	ug/l	100
71) Bromoform	10.86	173	140860	49.877	ug/l	99
73) Isopropylbenzene	11.02	105	803780	53.774	ug/l	99
74) N-amyl acetate	10.90	43	374198	49.152	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	274863	48.795	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257196m	50.569	ug/l	
77) Bromobenzene	11.26	156	212990	50.866	ug/l	99
78) n-propylbenzene	11.36	91	932796	53.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	549309	52.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	681954	54.113	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76581	50.926	ug/l	98
82) 4-Chlorotoluene	11.51	91	648826	52.793	ug/l	100
83) tert-Butylbenzene	11.77	119	661206	53.743	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	704311	54.788	ug/l	99
85) sec-Butylbenzene	11.94	105	814012	54.092	ug/l	99
86) p-Isopropyltoluene	12.07	119	720835	53.725	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	393344	50.947	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	396754	49.572	ug/l	99
89) n-Butylbenzene	12.39	91	651254	53.611	ug/l	99
90) Hexachloroethane	12.60	117	113337	52.934	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	392572	49.735	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65261	49.928	ug/l	99

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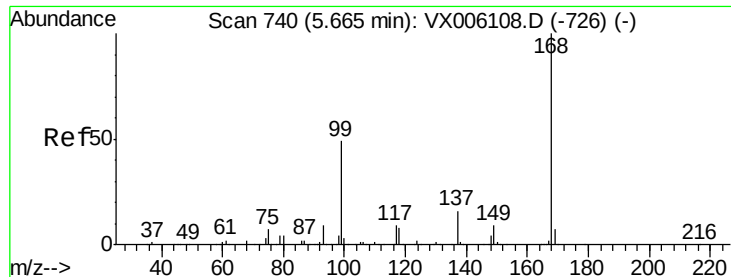
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291862	52.489	ug/l	98
94) Hexachlorobutadiene	13.79	225	132463	48.880	ug/l	99
95) Naphthalene	13.83	128	918957	56.203	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294873	52.017	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 328712

Ion Ratio Lower Upper

168 100

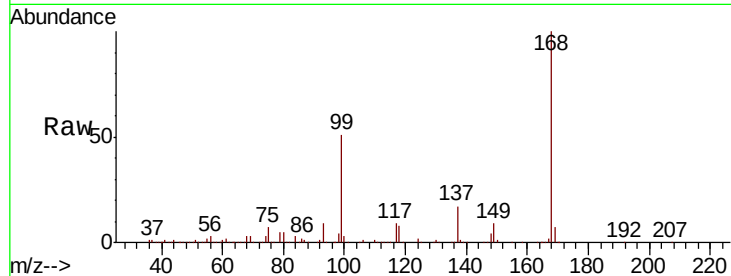
99 50.7 39.2 58.8

Manual Integrations

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11/26/2018 10:52:40 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

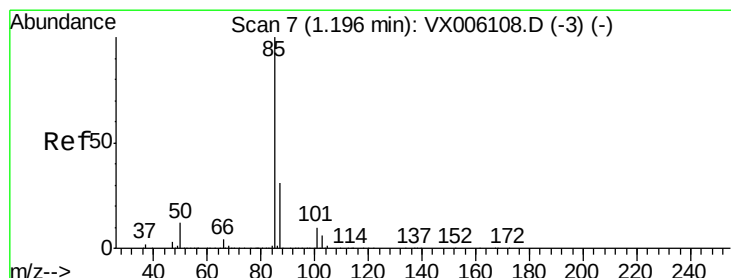
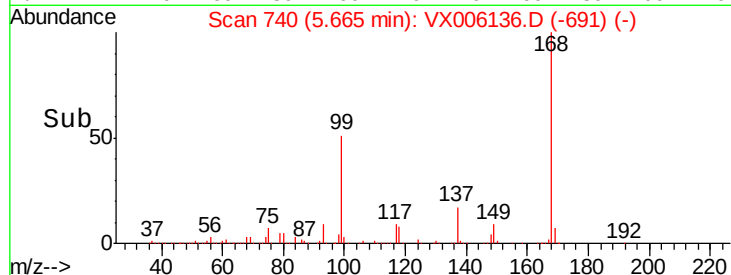
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.539 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006136.D

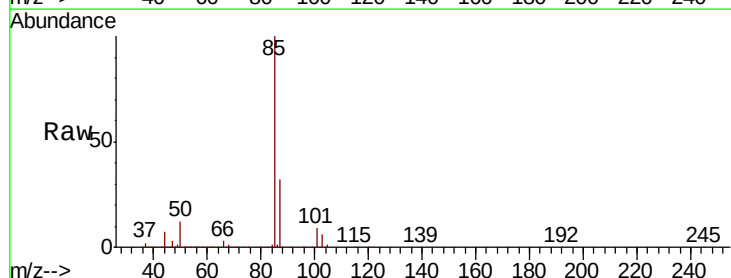
Acq: 21 Nov 2018 20:59

Tgt Ion: 85 Resp: 116125

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

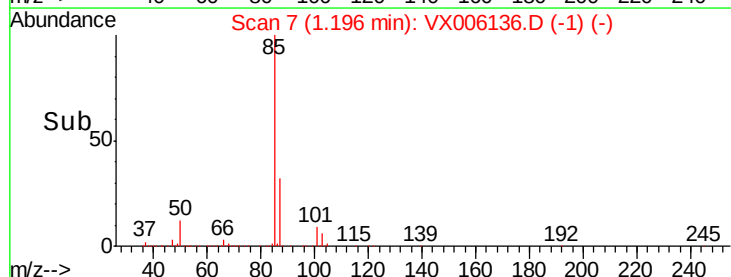
1.20

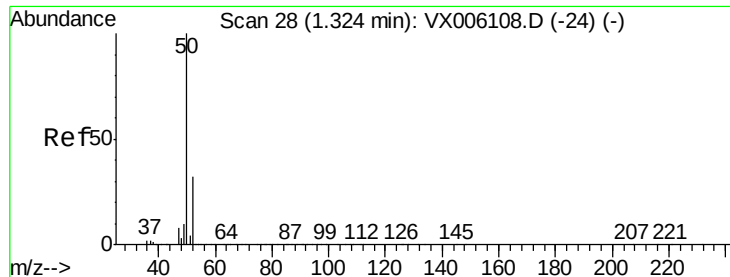
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.338 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 136813

Ion Ratio Lower Upper

50 100

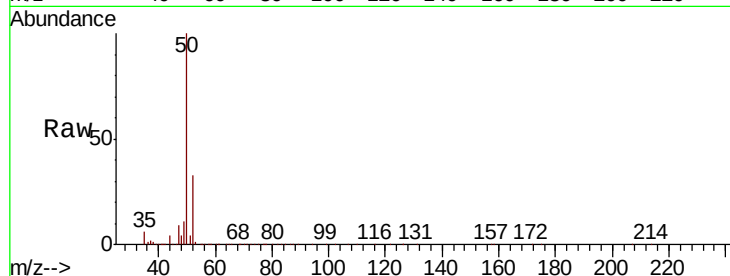
52 32.7 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

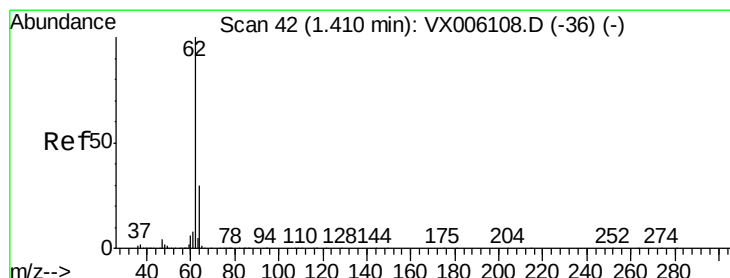
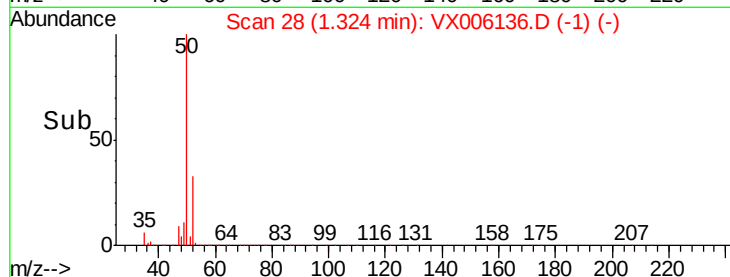
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 46.414 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006136.D

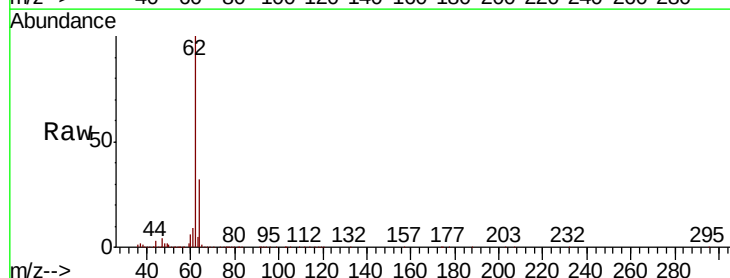
Acq: 21 Nov 2018 20:59

Tgt Ion: 62 Resp: 145679

Ion Ratio Lower Upper

62 100

64 32.0 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

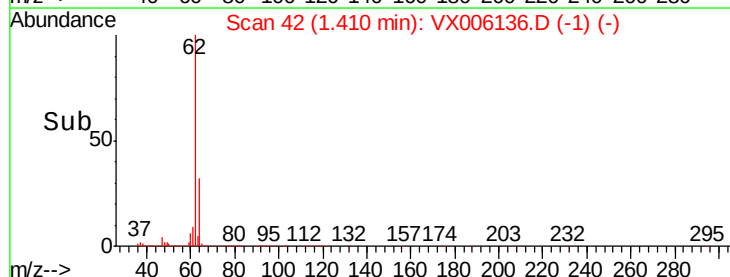
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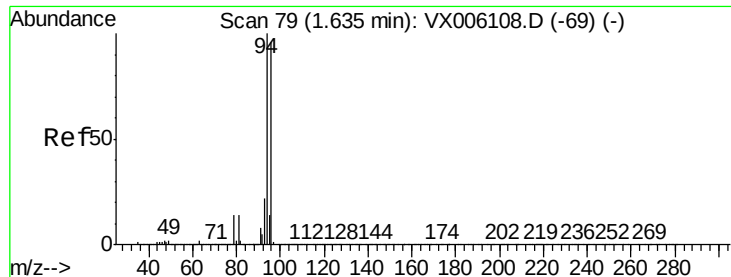
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 39.728 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 93912

Ion Ratio Lower Upper

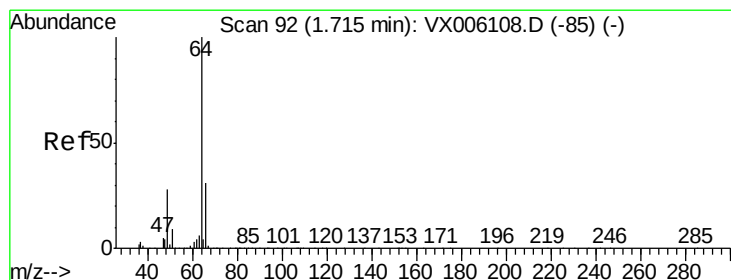
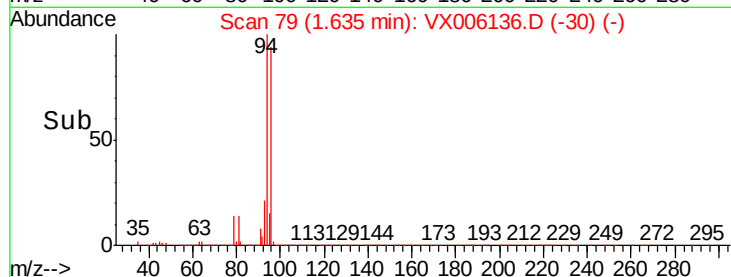
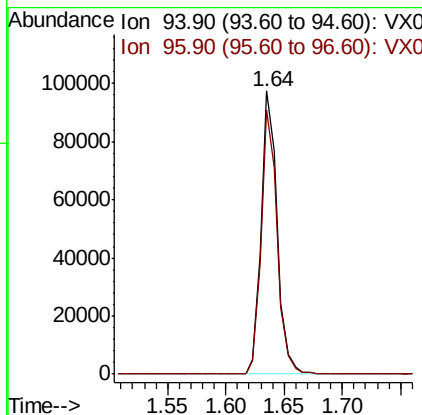
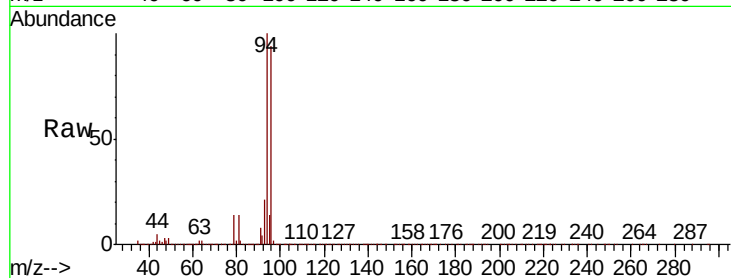
94 100

96 93.4 76.7 115.1

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11/26/2018 10:52:40 AM



#6

Chloroethane

Concen: 57.734 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006136.D

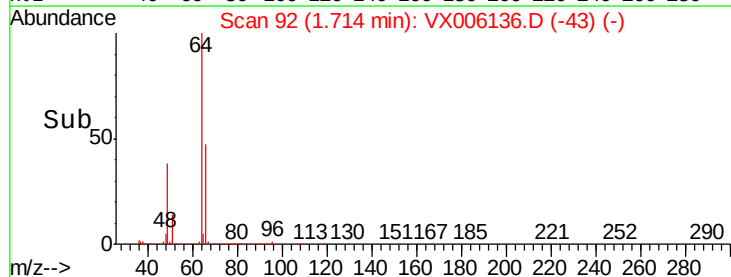
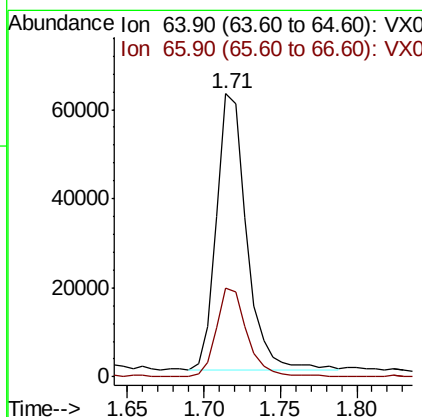
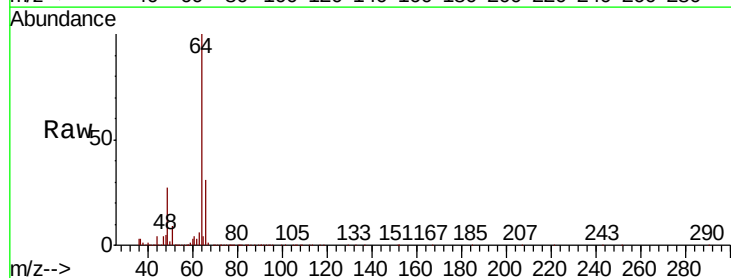
Acq: 21 Nov 2018 20:59

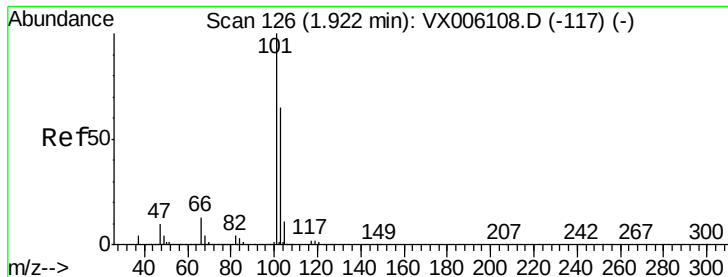
Tgt Ion: 64 Resp: 84617

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





#7

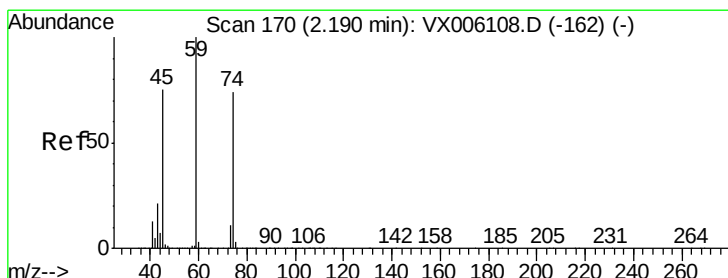
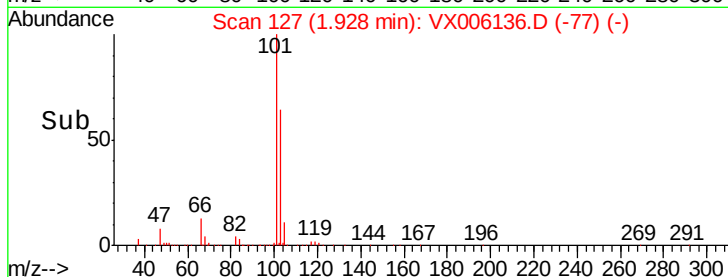
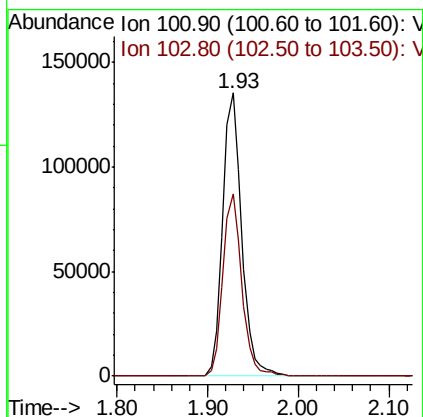
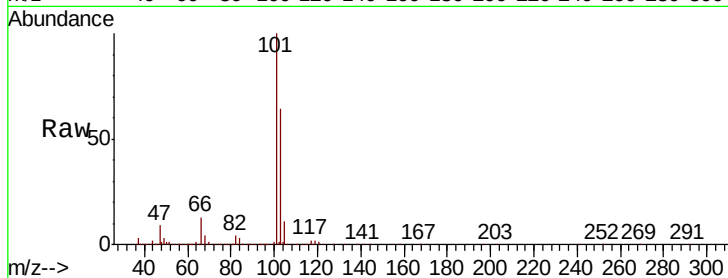
Trichlorofluoromethane
Concen: 48.491 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.1	78.1

Manual Integrations
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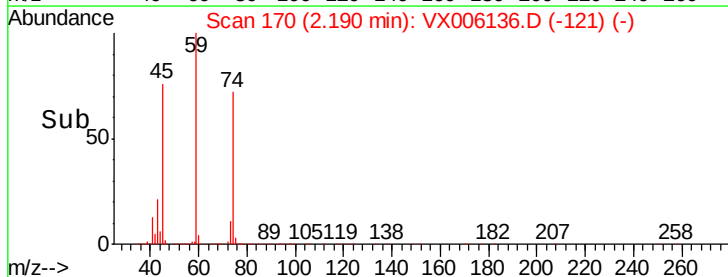
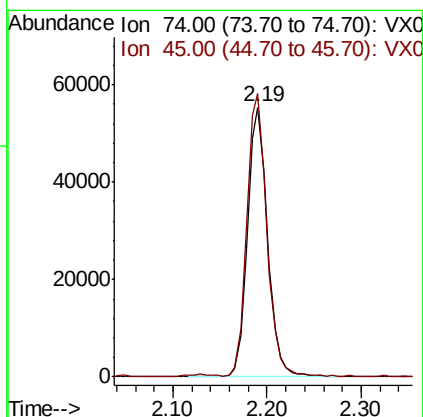
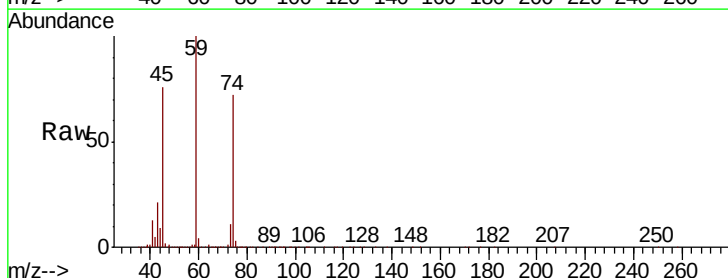
MMDadoda
11/26/2018 10:52:40 AM

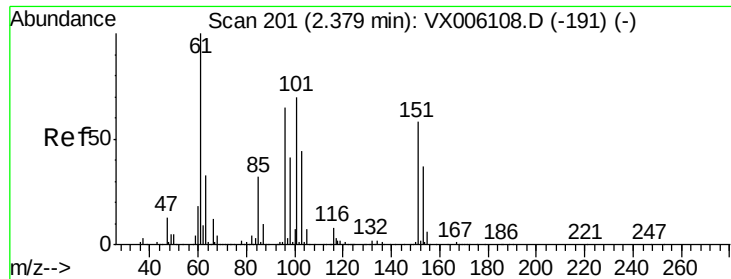


#8

Diethyl Ether
Concen: 47.083 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	52.2	156.6





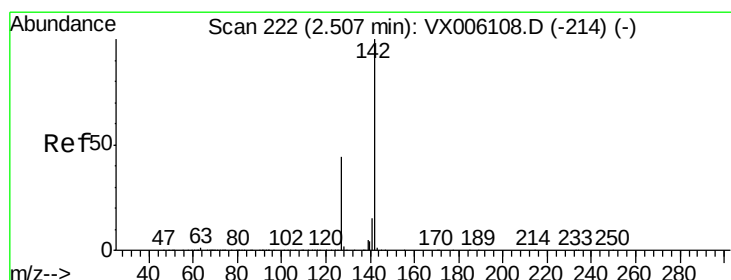
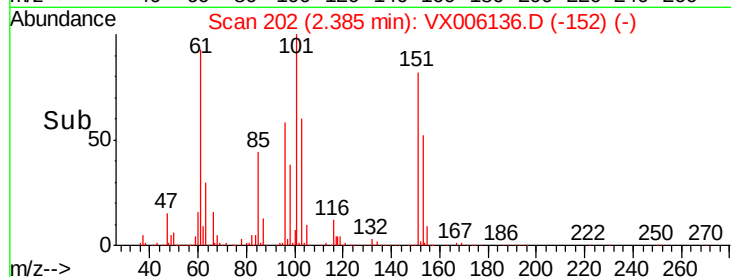
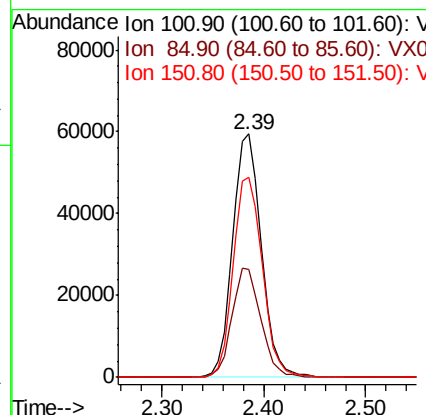
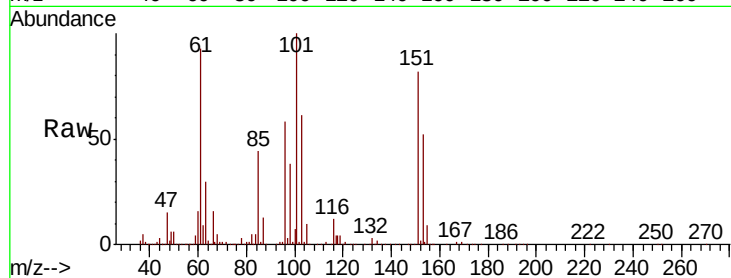
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.585 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX006136.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	115858		
85	44.6	36.0	54.0	
151	83.6	65.8	98.6	

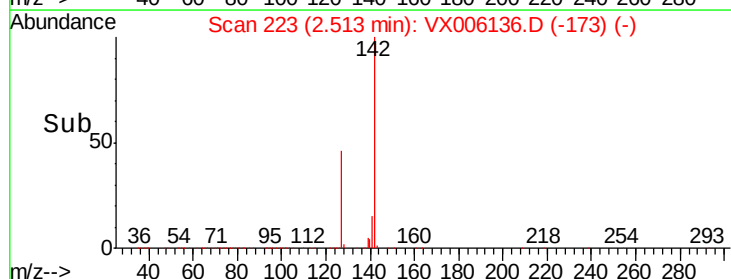
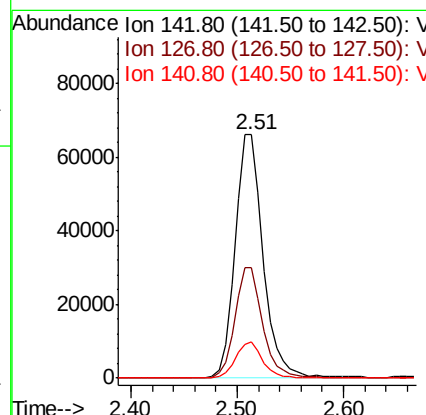
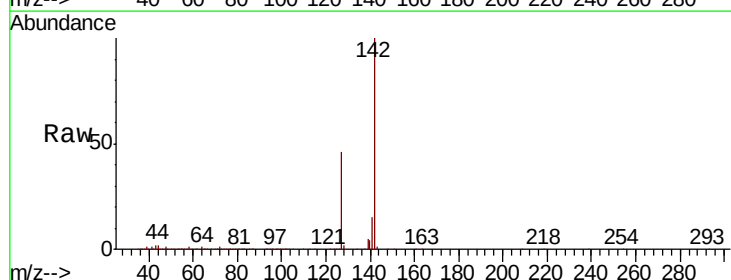
Manual Integrations
APPROVED

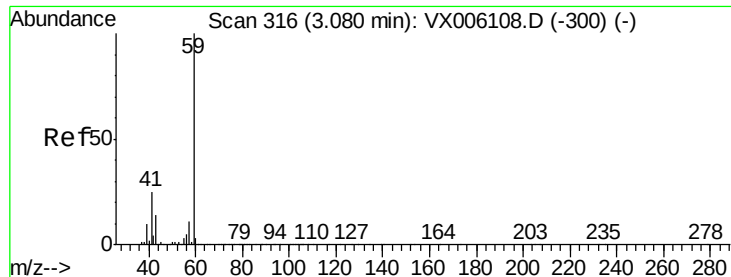
MMDadoda
11/26/2018 10:52:40 AM



#10
Methyl Iodide
Concen: 40.110 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	122438		
127	44.9	36.0	54.0	
141	14.5	11.7	17.5	





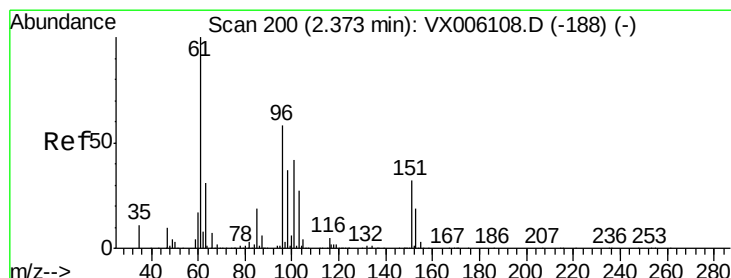
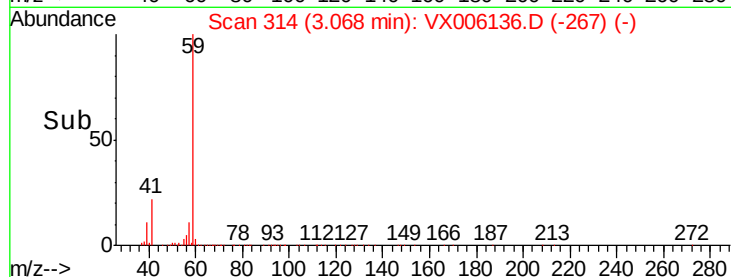
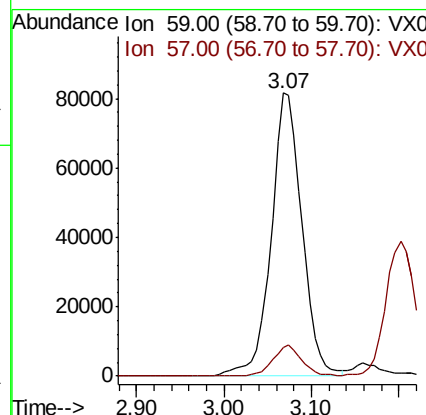
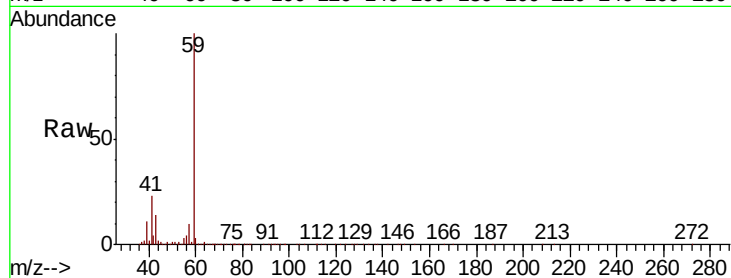
#11
Tert butyl alcohol
Concen: 246.964 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.7	13.1

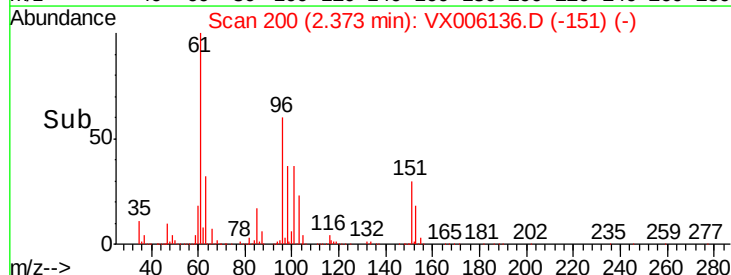
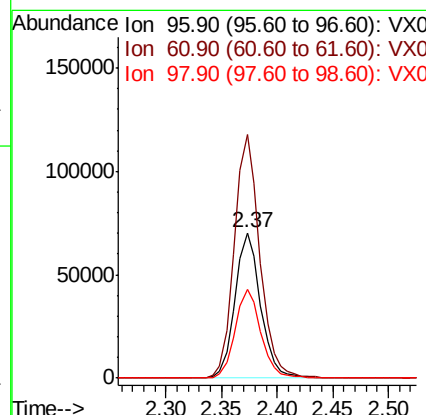
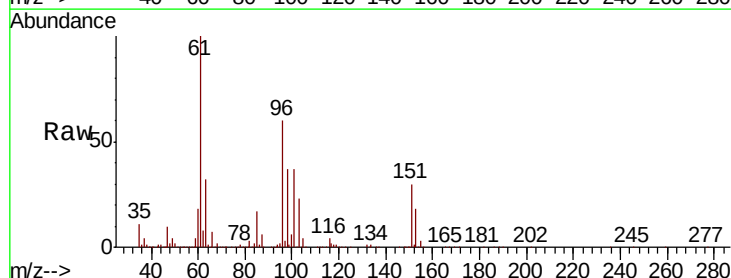
Manual Integrations
APPROVED

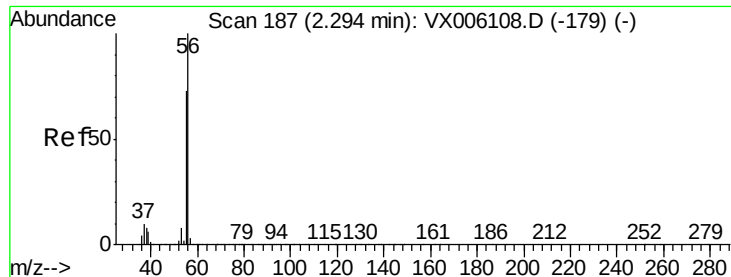
MMDadoda
11/26/2018 10:52:40 AM



#12
1,1-Dichloroethene
Concen: 46.710 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.4	138.2	207.4
98	61.1	51.3	76.9





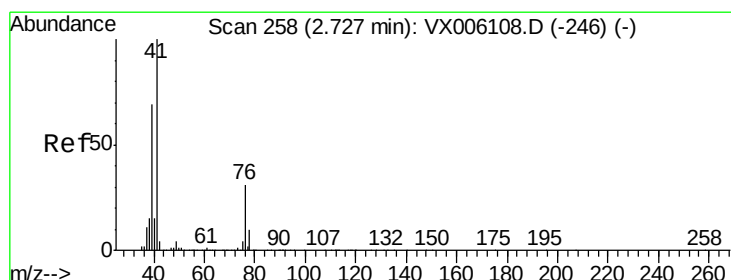
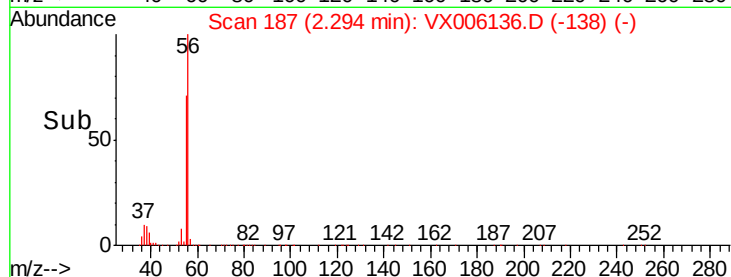
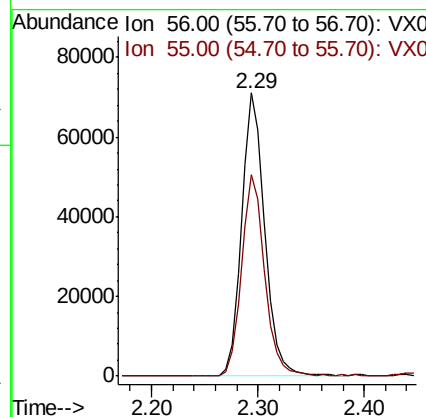
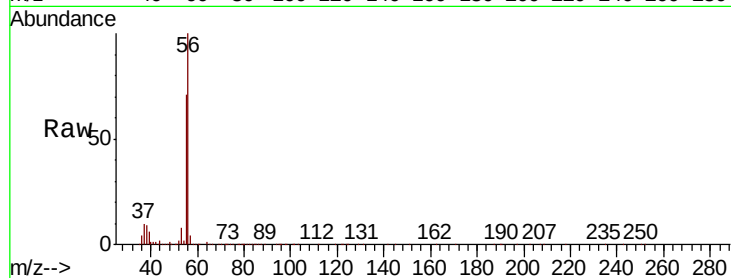
#13
Acrolein
Concen: 224.323 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.8	86.6

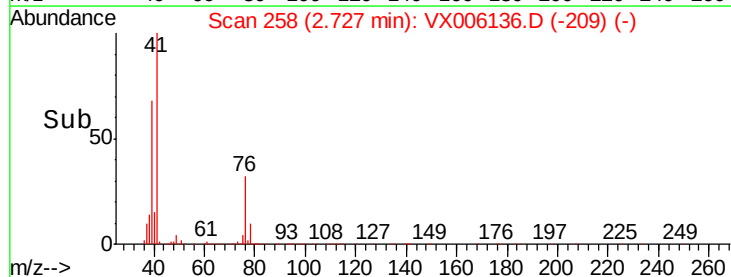
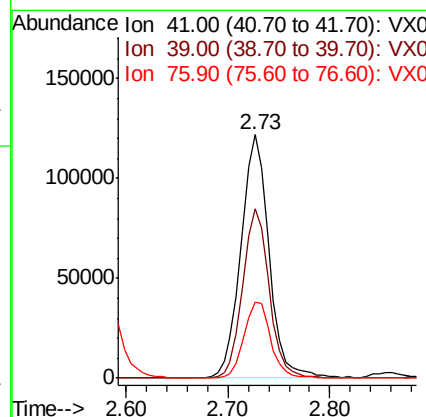
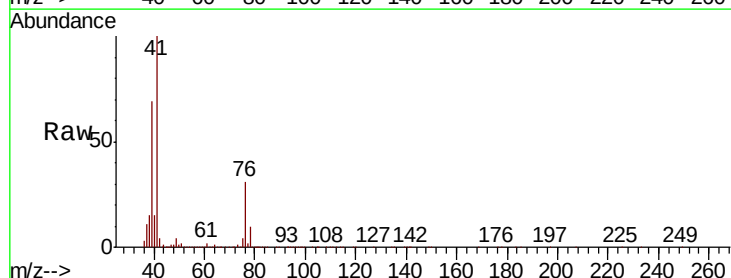
Manual Integrations
APPROVED

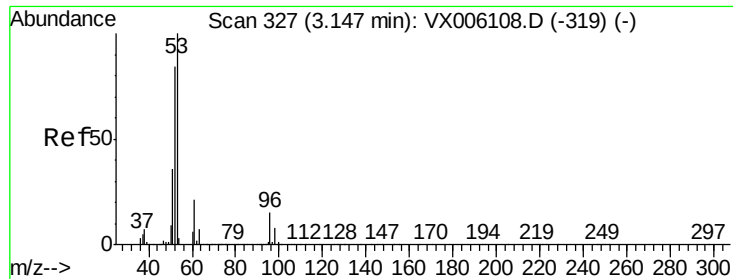
MMDadoda
11/26/2018 10:52:40 AM



#14
Allyl chloride
Concen: 47.779 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.5	78.7
76	29.8	23.4	35.2





#15

Acrylonitrile

Concen: 236.454 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

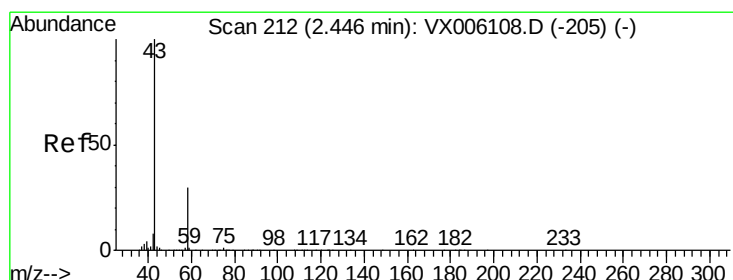
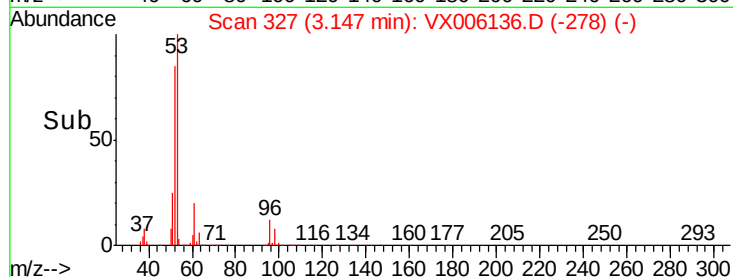
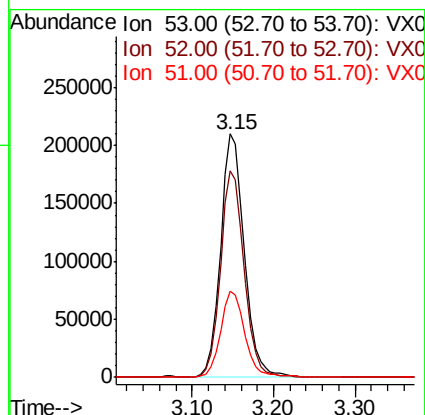
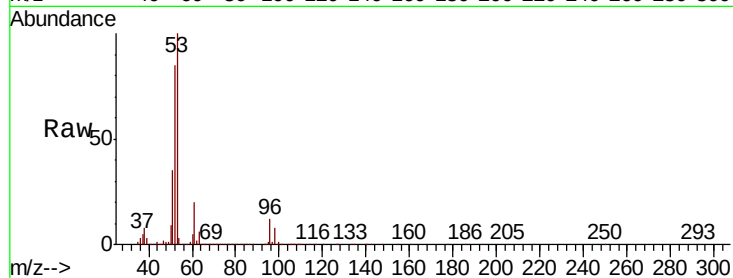
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	423178
Ion Ratio		Lower	Upper
53	100		
52	84.4	66.4	99.6
51	36.2	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 230.026 ug/l

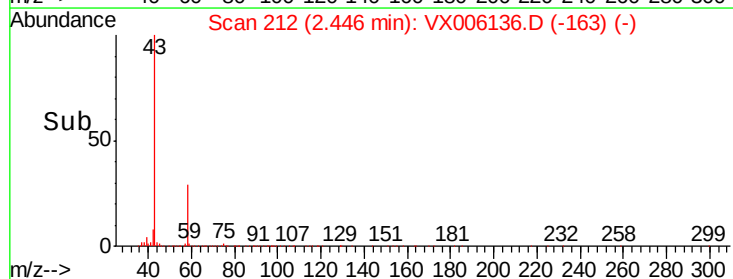
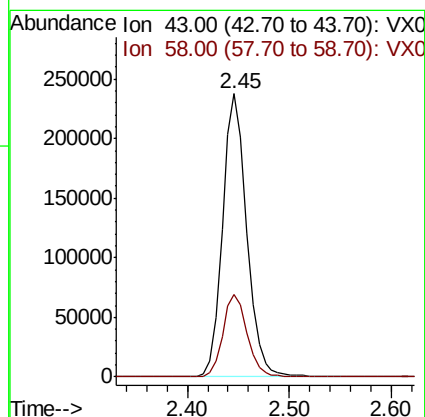
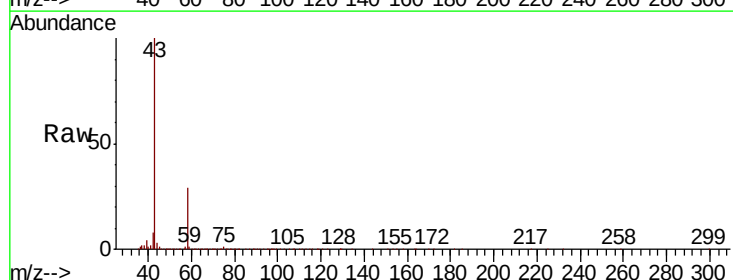
RT: 2.45 min Scan# 212

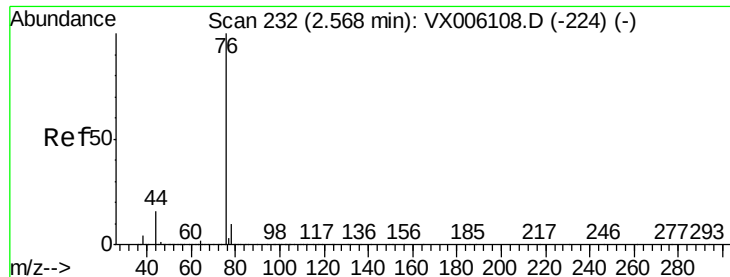
Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion:	43	Resp:	388791
Ion Ratio		Lower	Upper
43	100		
58	29.2	23.8	35.8





#17

Carbon Disulfide

Concen: 49.967 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 320236

Ion Ratio Lower Upper

76 100

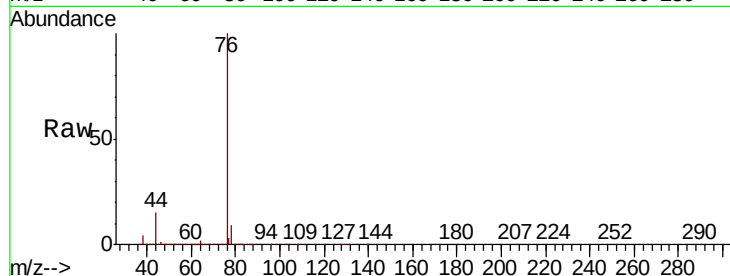
78 9.1 7.7 11.5

Manual Integrations

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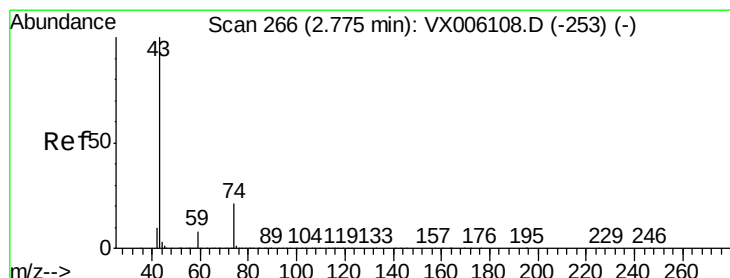
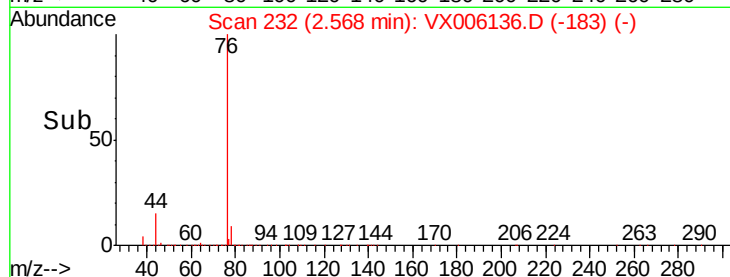
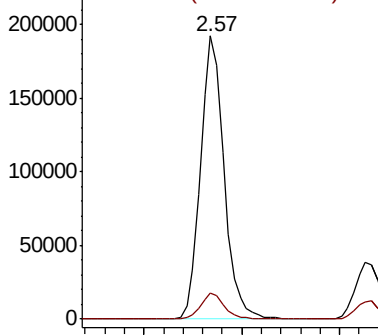
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.611 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006136.D

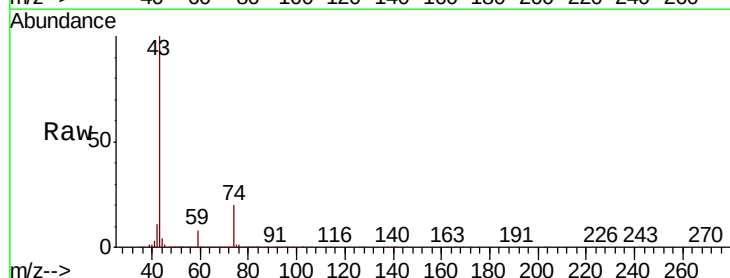
Acq: 21 Nov 2018 20:59

Tgt Ion: 43 Resp: 215034

Ion Ratio Lower Upper

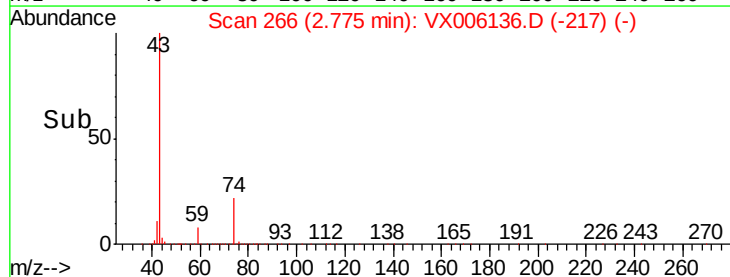
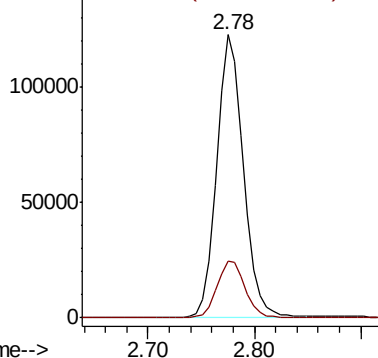
43 100

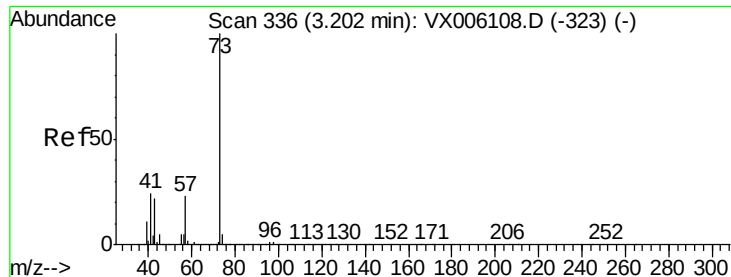
74 21.6 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





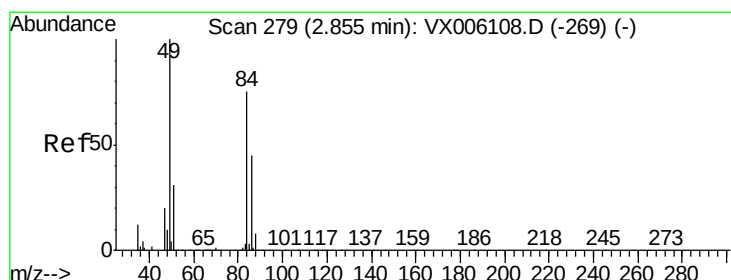
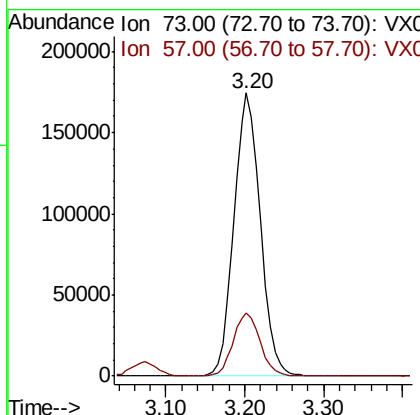
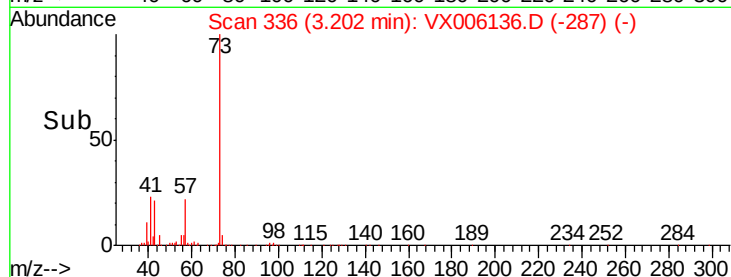
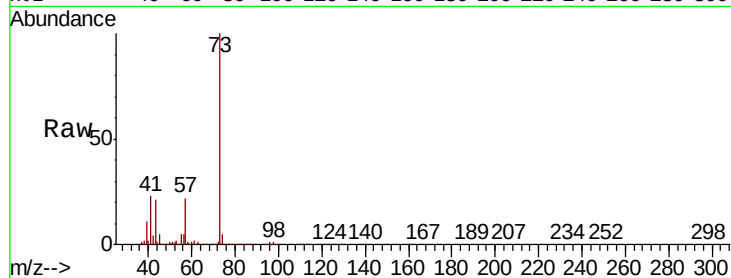
#19
Methyl tert-butyl Ether
Concen: 49.284 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.2	27.4

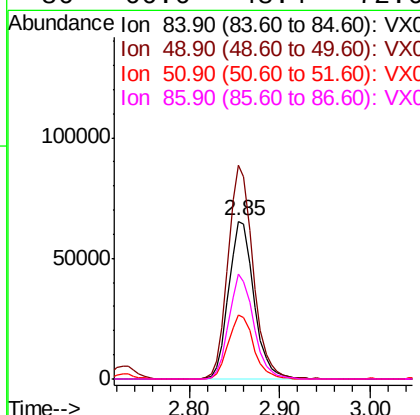
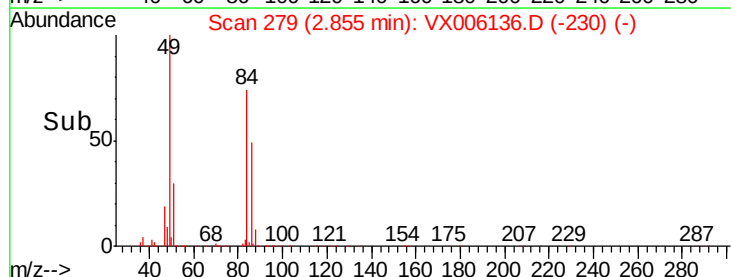
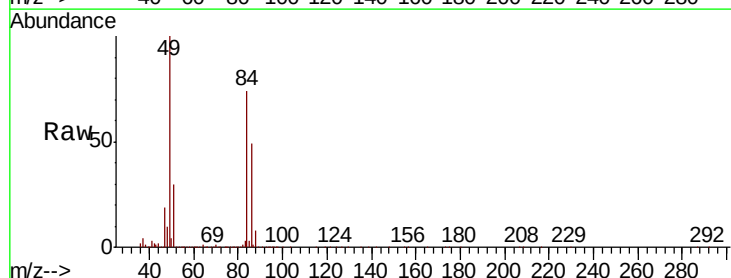
Manual Integrations
APPROVED

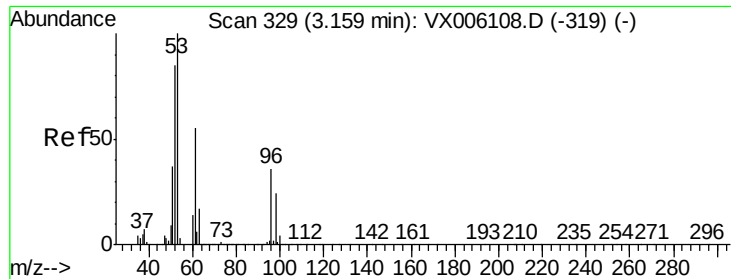
MMDadoda
11/26/2018 10:52:40 AM



#20
Methylene Chloride
Concen: 49.398 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	106.6	159.8
51	40.3	32.6	49.0
86	66.6	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 48.750 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

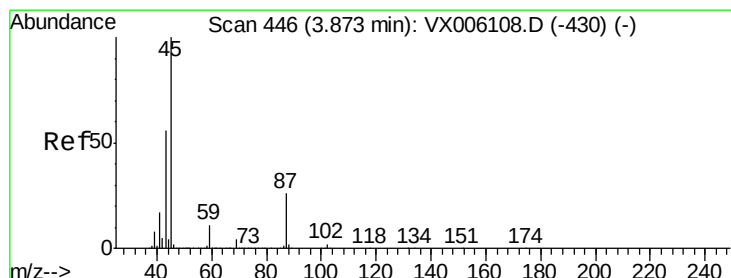
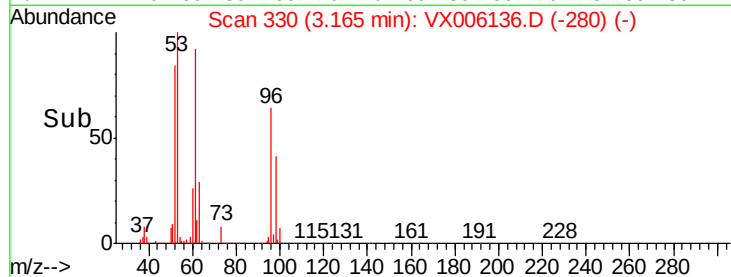
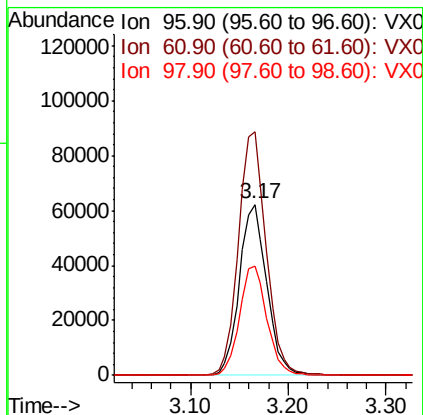
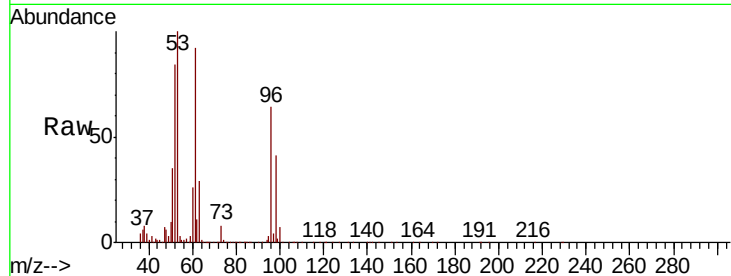
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	121065
Ion	Ratio	Lower	Upper
96	100		
61	142.4	122.0	183.0
98	63.8	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.838 ug/l

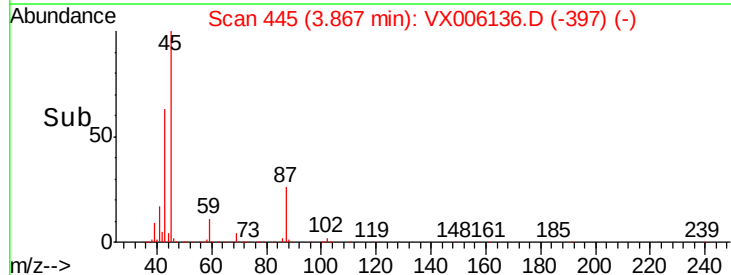
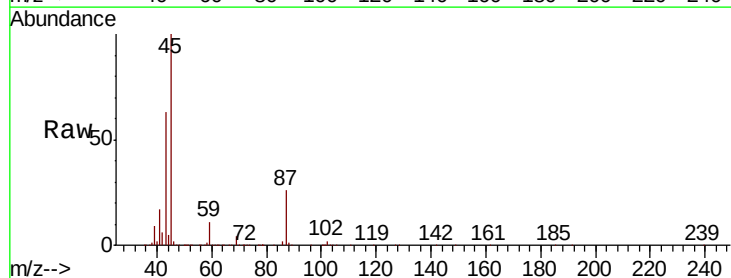
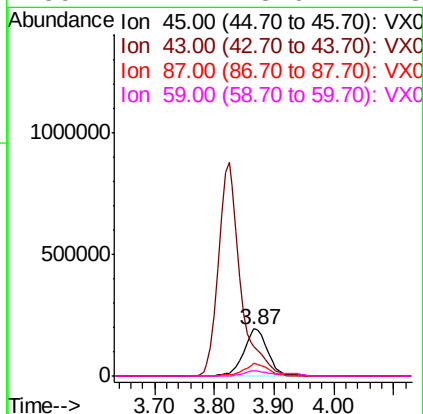
RT: 3.87 min Scan# 445

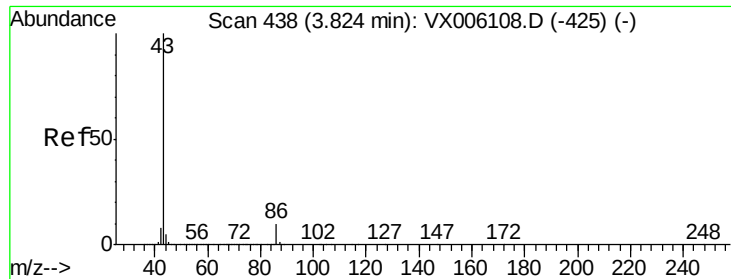
Delta R.T. -0.01 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion:	45	Resp:	538876
Ion	Ratio	Lower	Upper
45	100		
43	62.7	45.8	68.8
87	26.4	21.0	31.4
59	11.2	8.6	12.8





#23

Vinyl Acetate

Concen: 261.206 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2252718

Ion Ratio Lower Upper

43 100

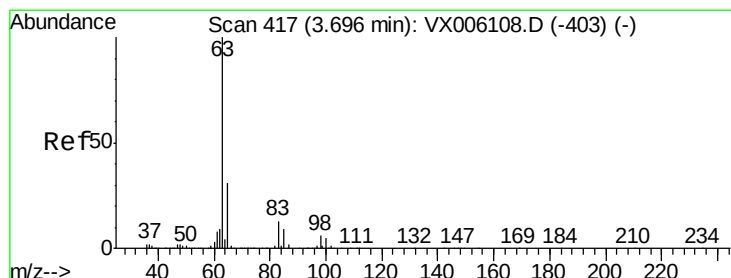
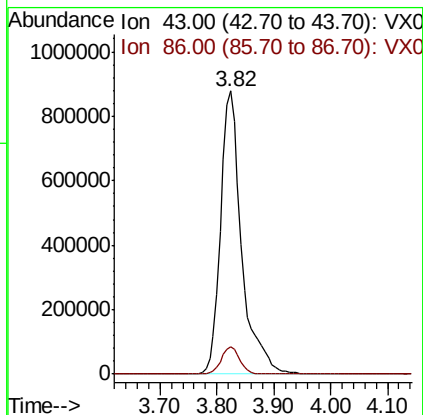
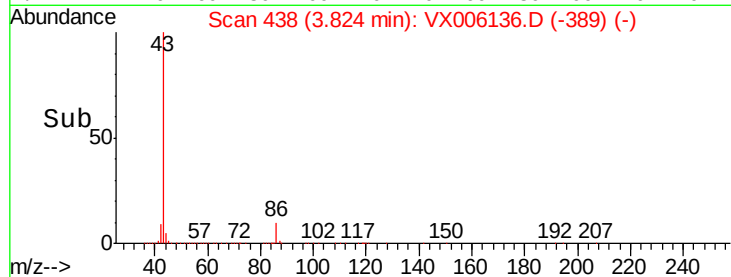
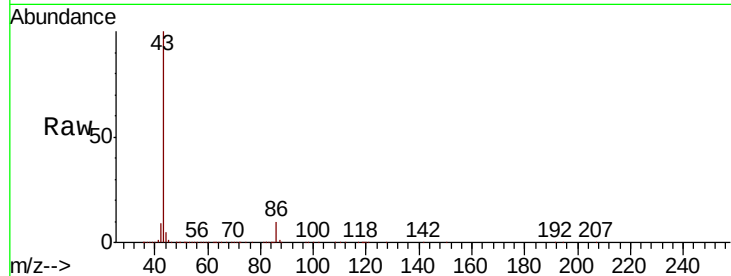
86 9.5 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.549 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

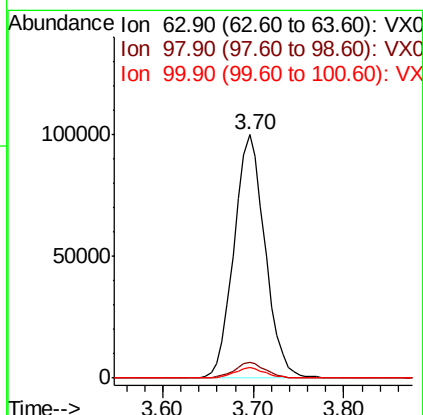
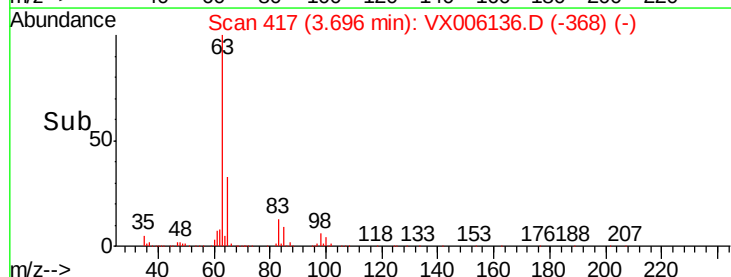
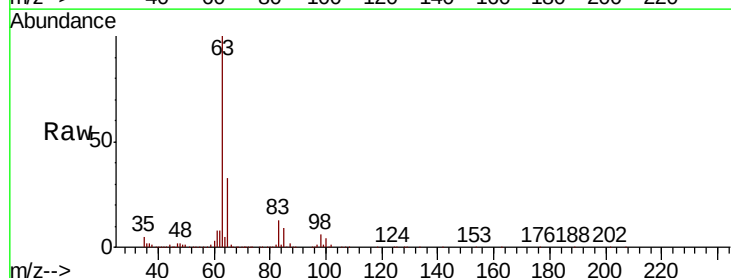
Tgt Ion: 63 Resp: 237763

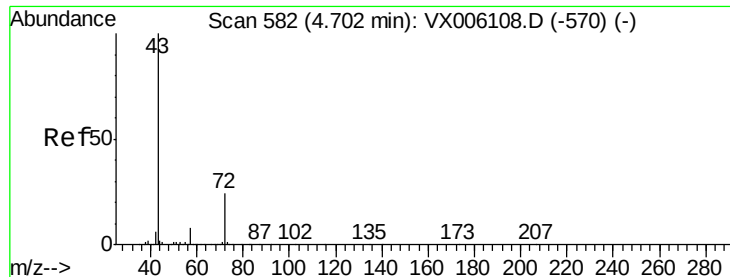
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 240.192 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 753542

Ion Ratio Lower Upper

43 100

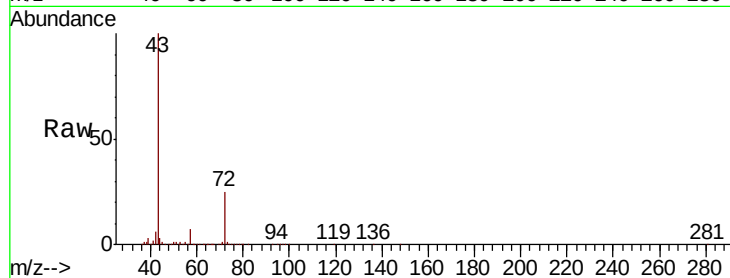
72 24.7 19.2 28.8

Manual Integrations

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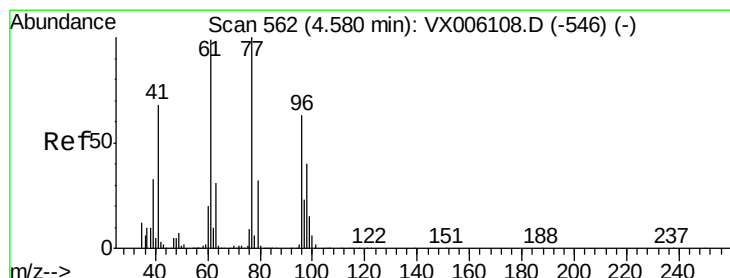
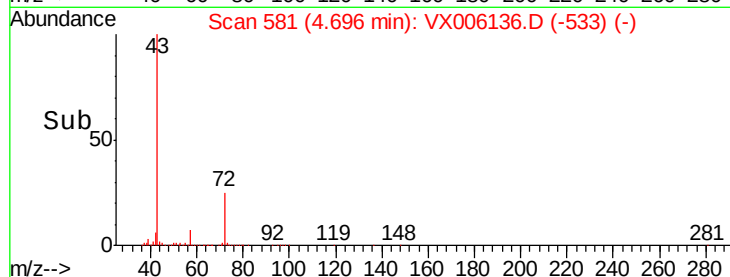
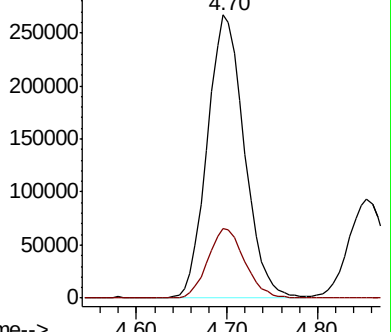
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.525 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006136.D

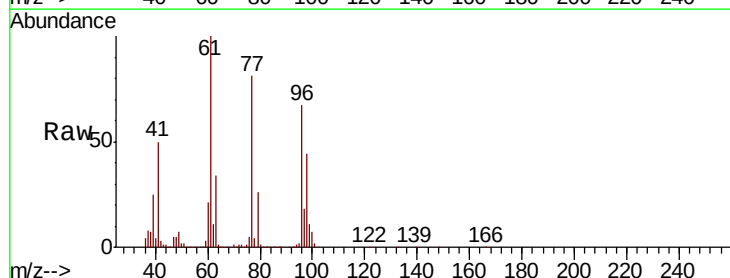
Acq: 21 Nov 2018 20:59

Tgt Ion: 77 Resp: 187794

Ion Ratio Lower Upper

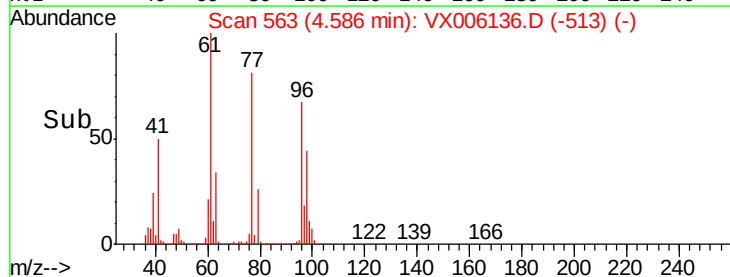
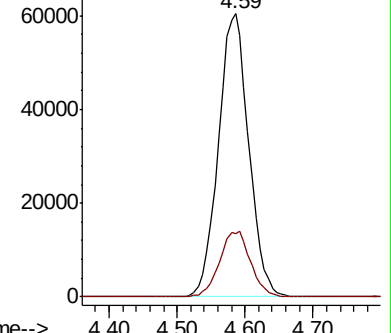
77 100

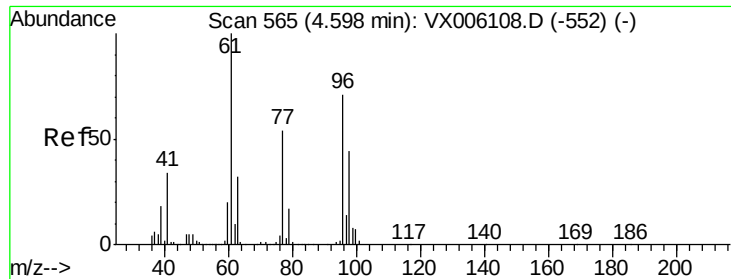
97 23.7 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

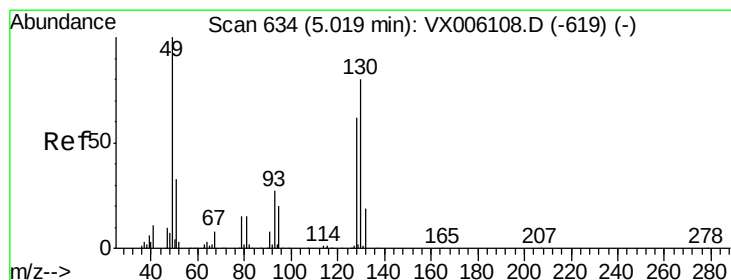
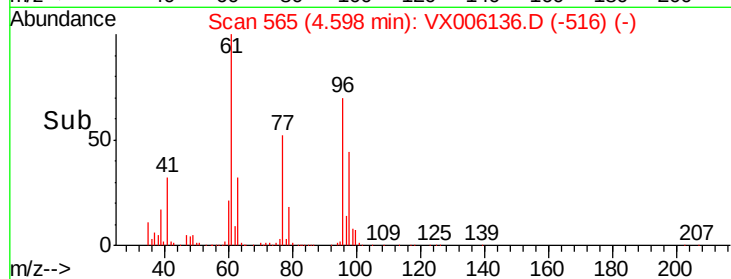
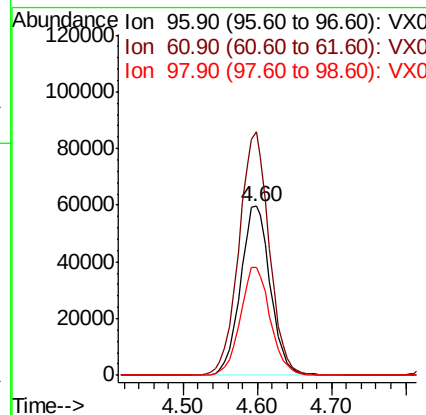
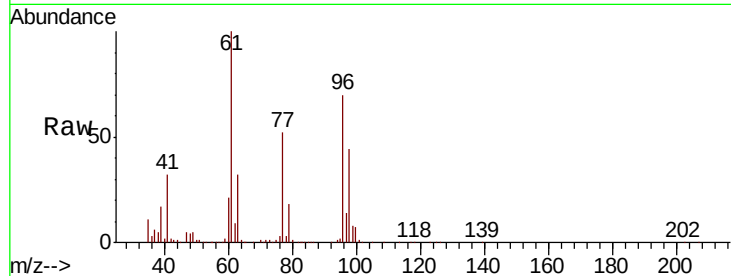
cis-1,2-Dichloroethene
Concen: 48.341 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	167788		
61	146.2	0.0	291.6	
98	63.9	0.0	128.2	

Manual Integrations
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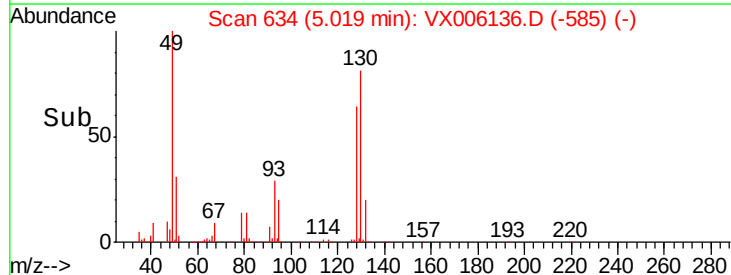
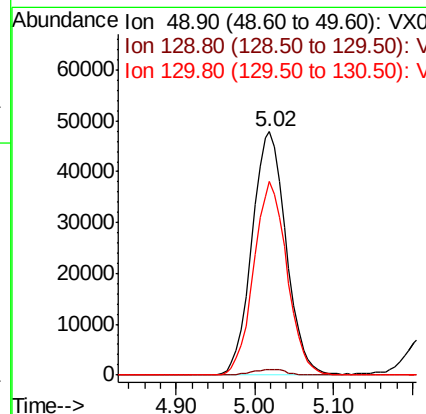
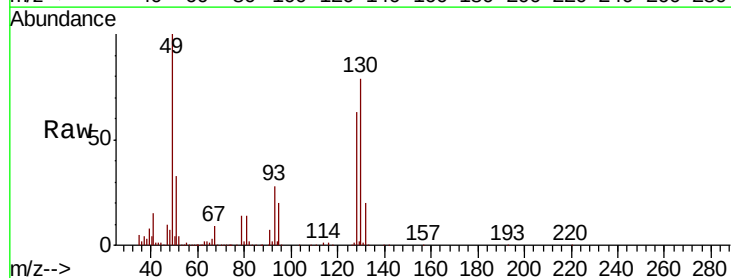
MMDadoda
11/26/2018 10:52:40 AM

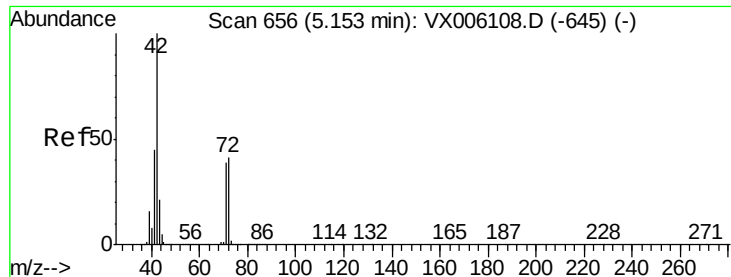


#28

Bromochloromethane
Concen: 50.301 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	143578		
129	2.2	0.0	4.4	
130	77.9	61.6	92.4	





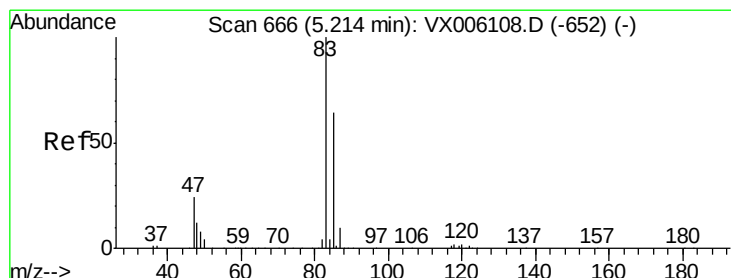
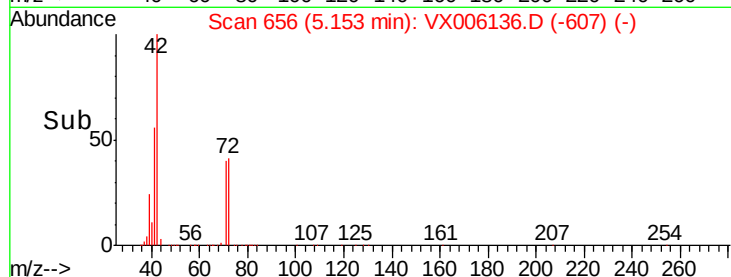
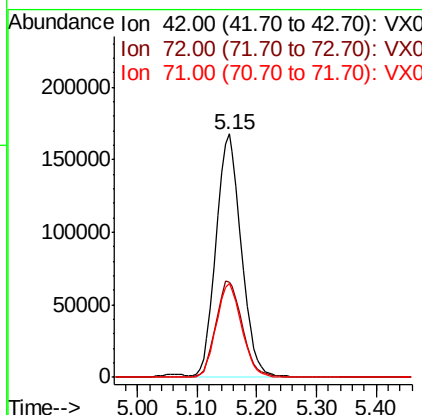
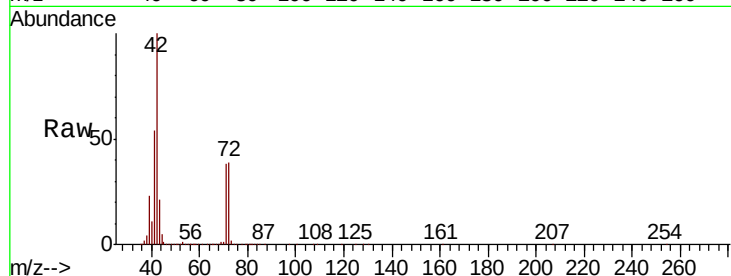
#29
Tetrahydrofuran
Concen: 251.972 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.0	49.6
71	38.8	31.0	46.4

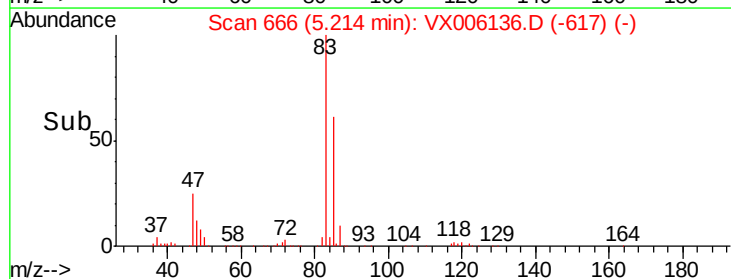
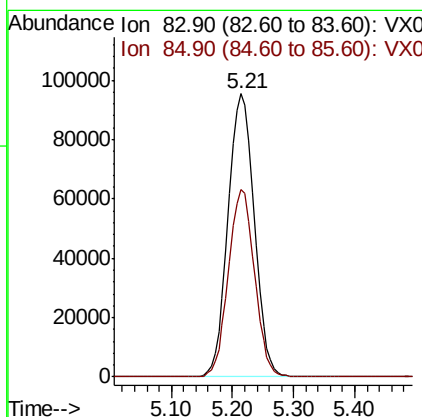
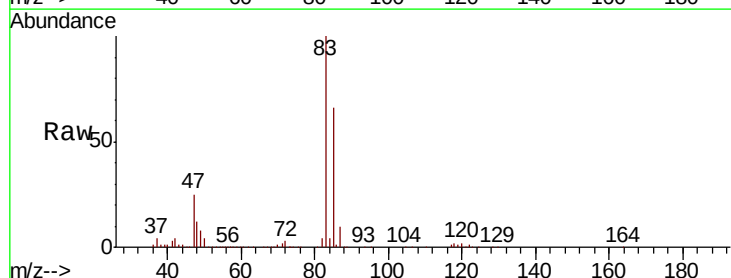
Manual Integrations
APPROVED

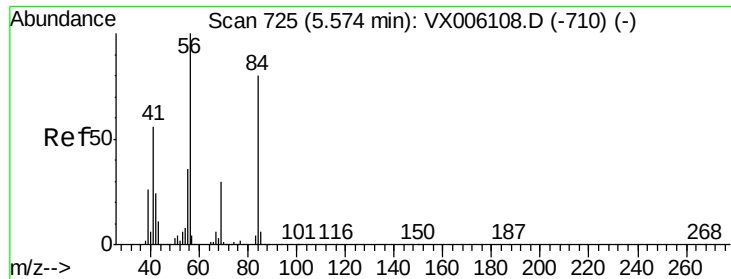
MMDadoda
11/26/2018 10:52:40 AM



#30
Chloroform
Concen: 47.608 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.0	76.4





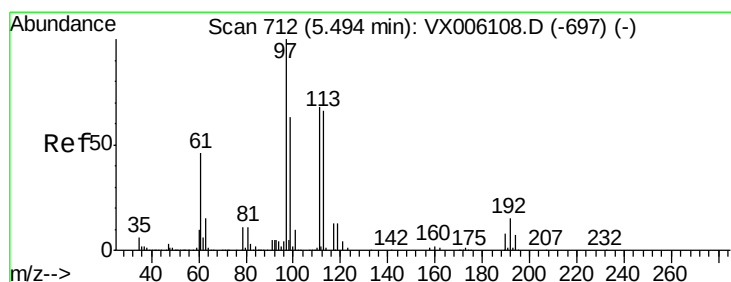
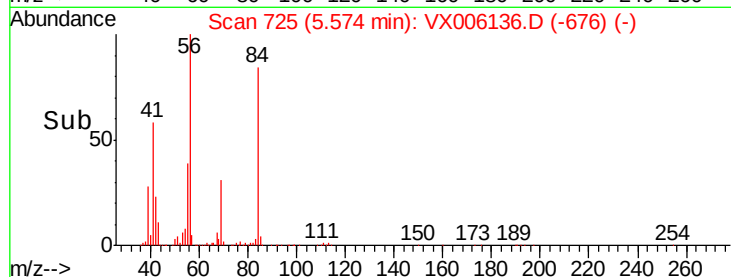
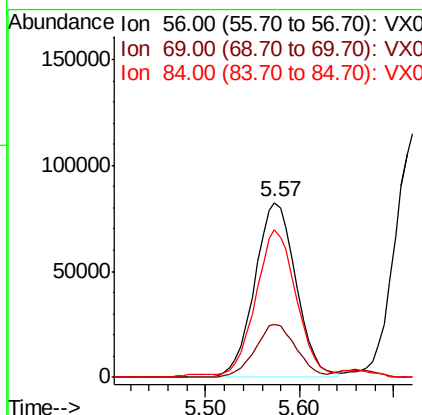
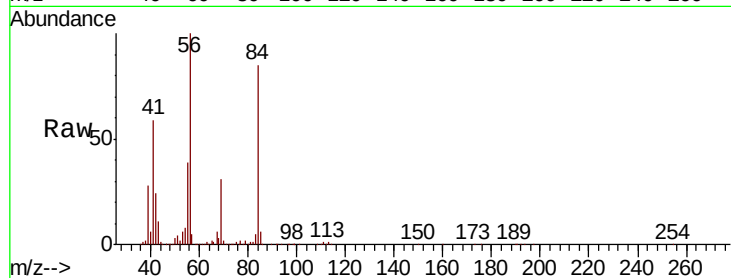
#31
Cyclohexane
Concen: 49.376 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.9	35.9
84	83.2	63.6	95.4

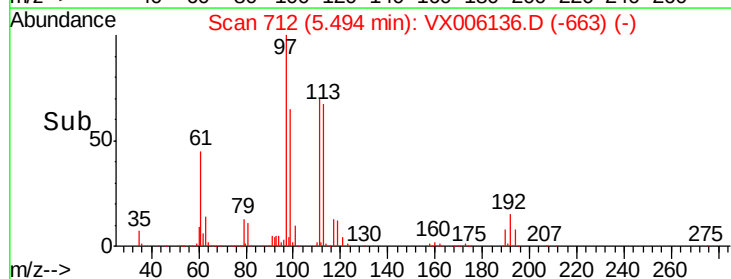
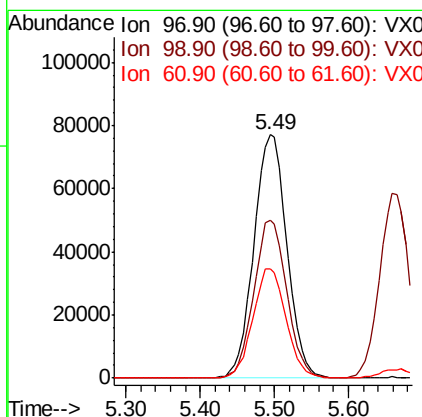
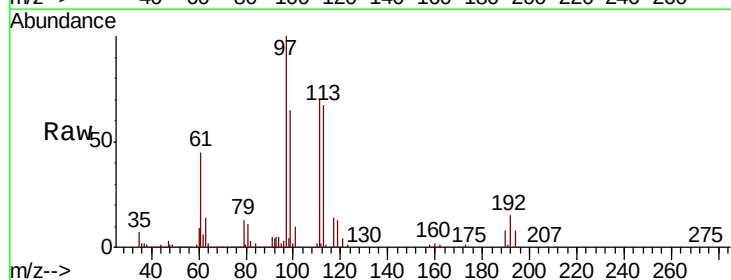
Manual Integrations
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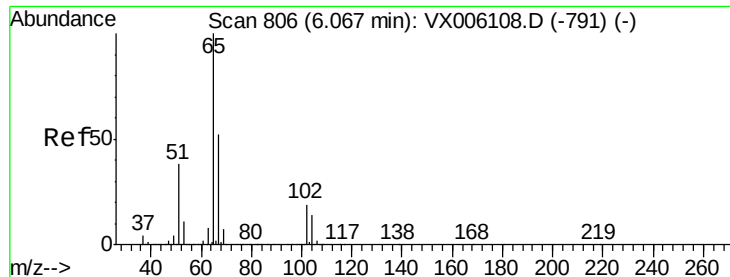
MMDadoda
11/26/2018 10:52:40 AM



#32
1,1,1-Trichloroethane
Concen: 50.001 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	44.9	36.6	55.0





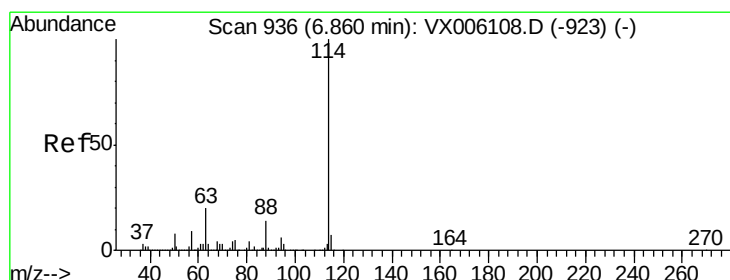
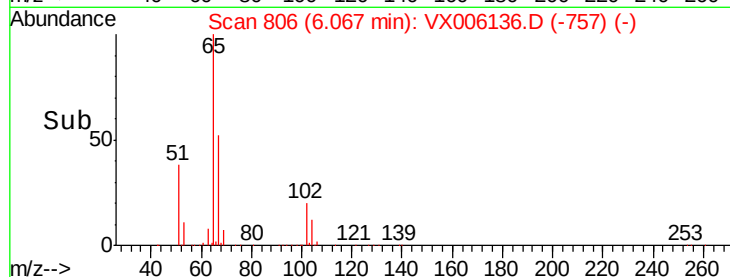
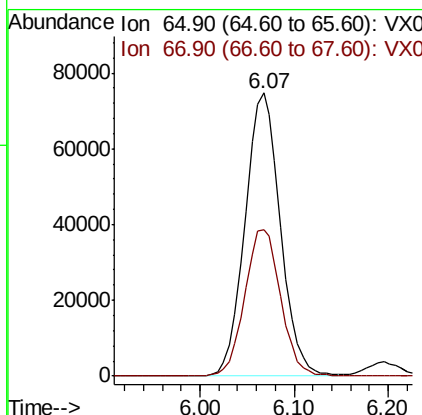
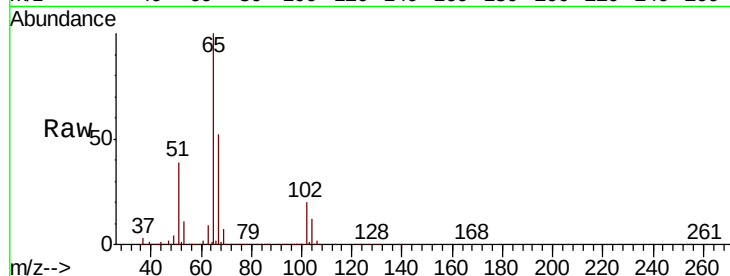
#33
 1,2-Dichloroethane-d4
 Concen: 51.515 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8

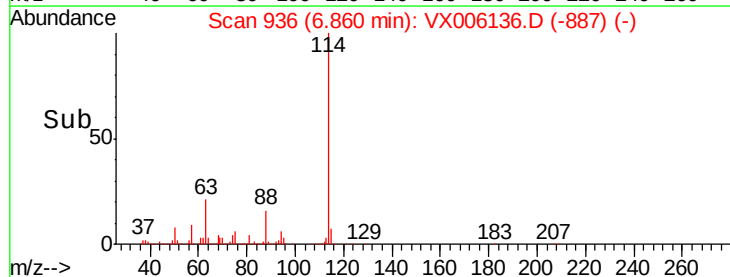
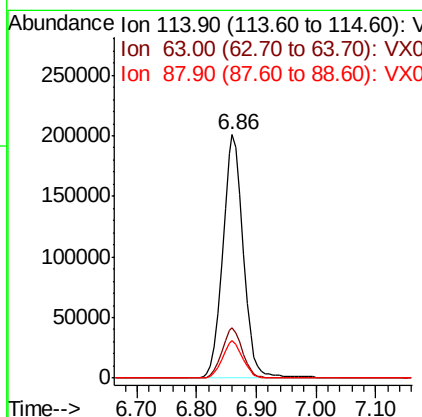
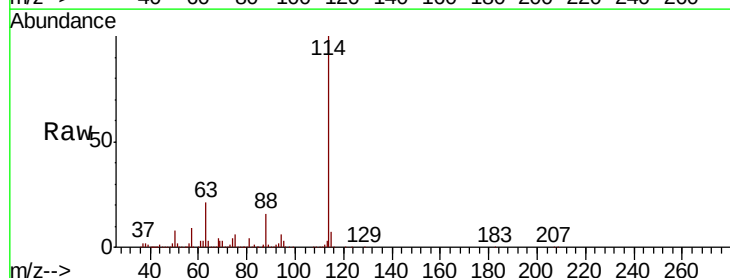
Manual Integrations
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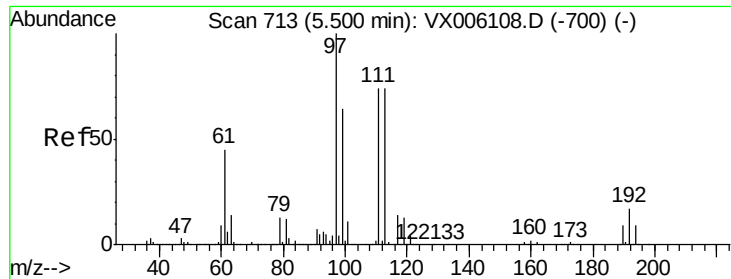
MMDadoda
 11/26/2018 10:52:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.2
88	15.7	0.0	28.6





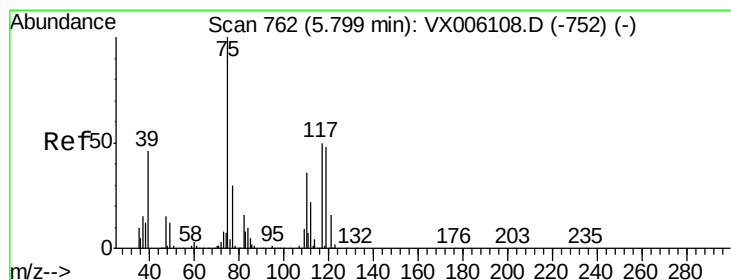
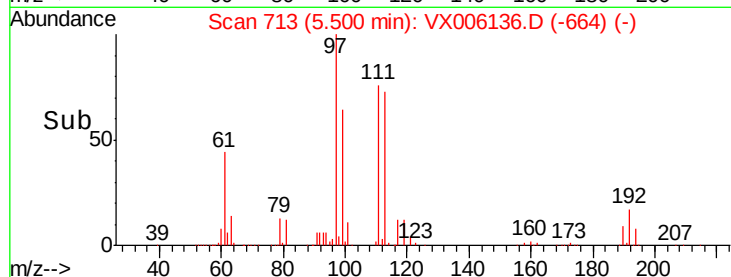
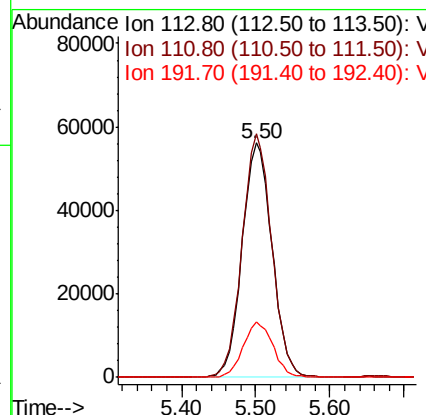
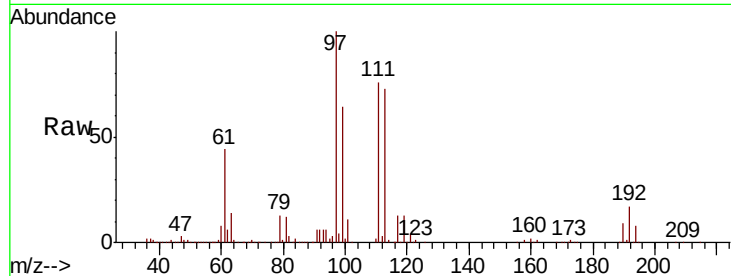
#35
 Dibromofluoromethane
 Concen: 51.378 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	158867		
111	102.4	81.5	122.3	
192	23.3	18.6	28.0	

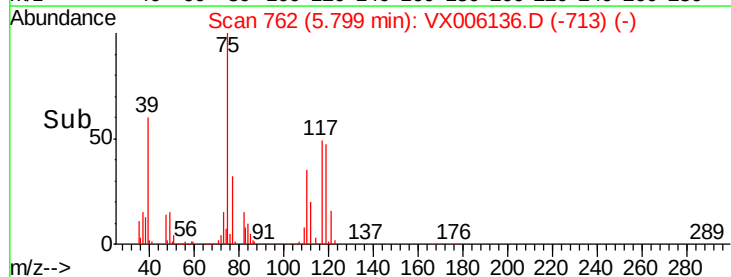
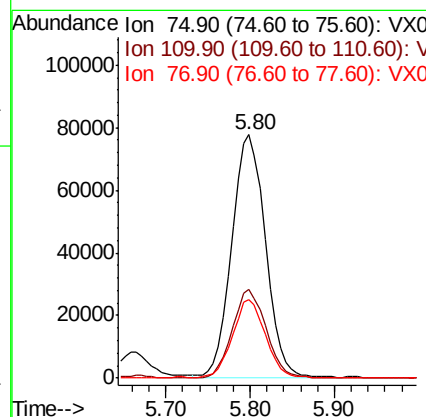
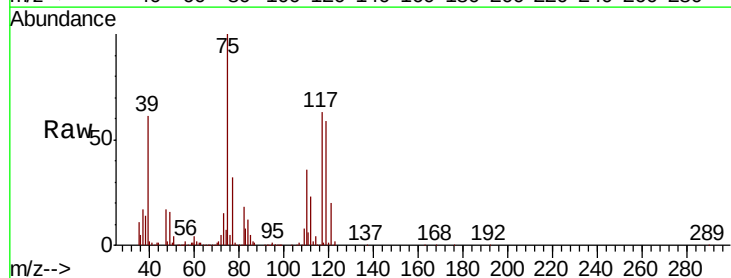
Manual Integrations
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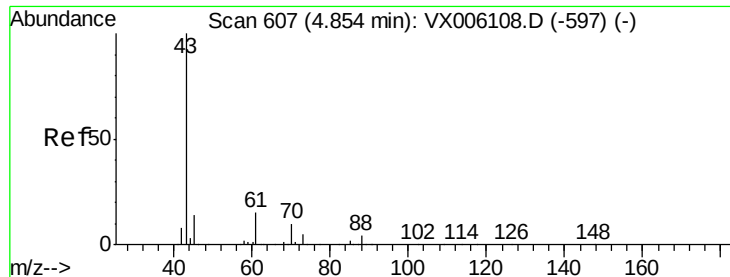
MMDadoda
 11/26/2018 10:52:40 AM



#36
 1,1-Dichloropropene
 Concen: 48.009 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	210390		
110	36.8	17.8	53.3	
77	31.3	24.5	36.7	





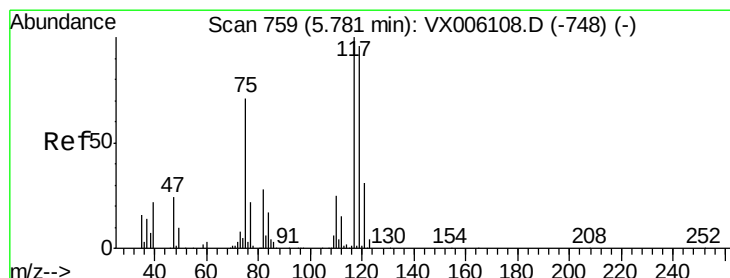
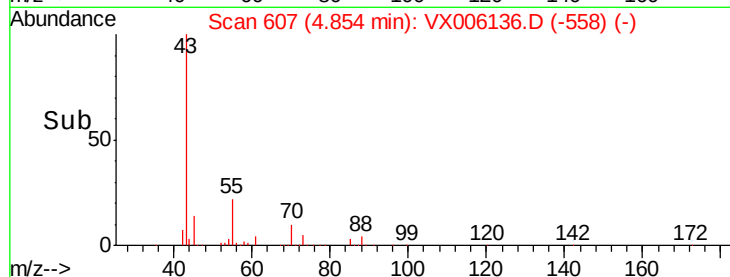
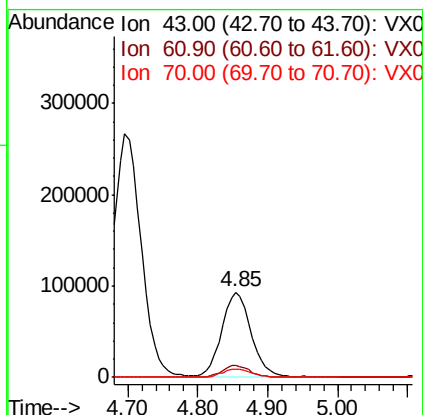
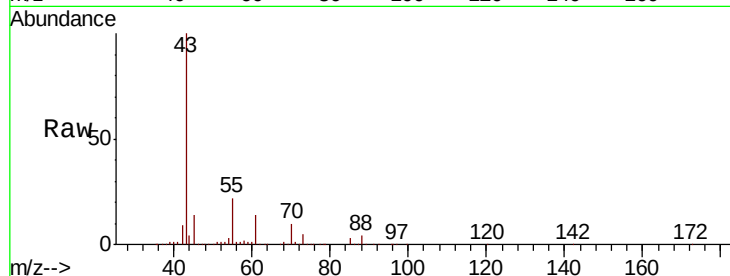
#37
Ethyl Acetate
Concen: 48.122 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	9.9	7.9	11.9

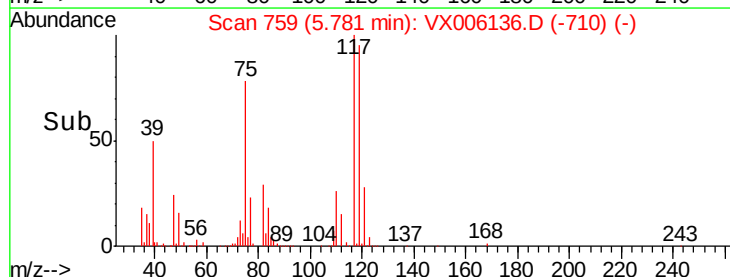
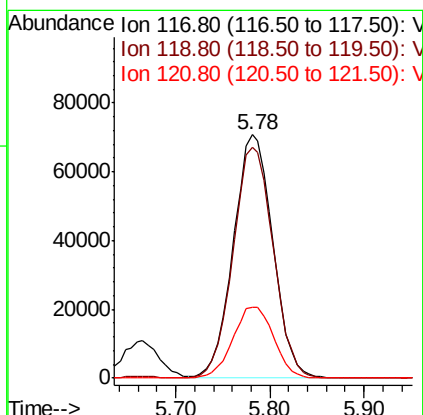
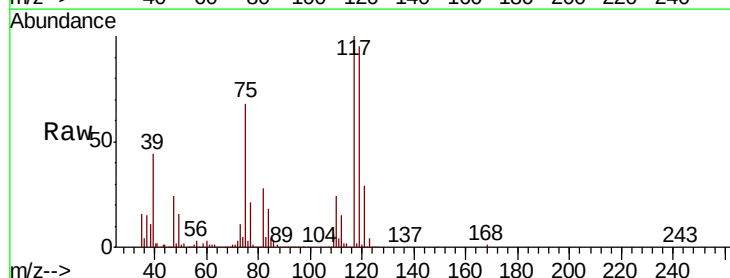
Manual Integrations
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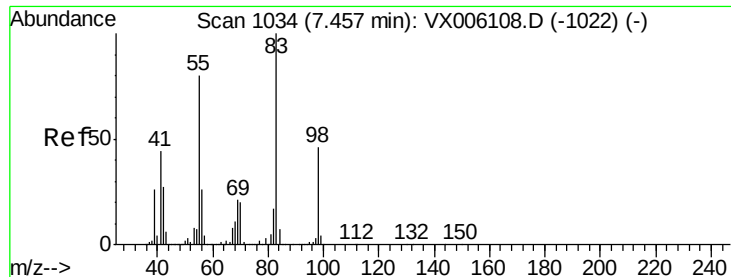
MMDadoda
11/26/2018 10:52:40 AM



#38
Carbon Tetrachloride
Concen: 50.000 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
121	29.2	24.7	37.1





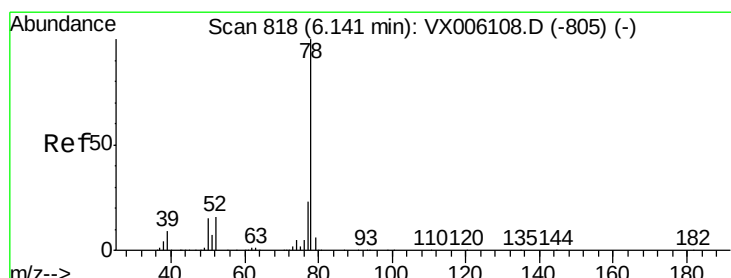
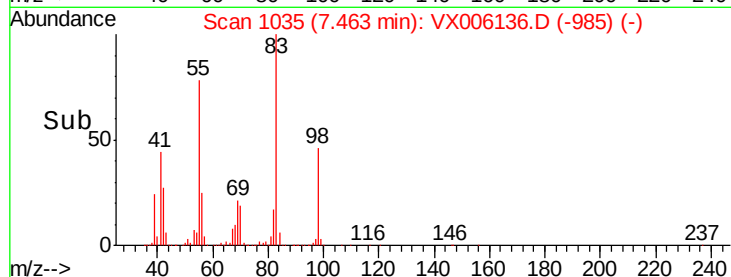
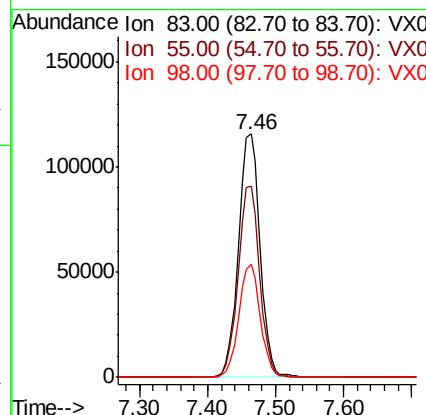
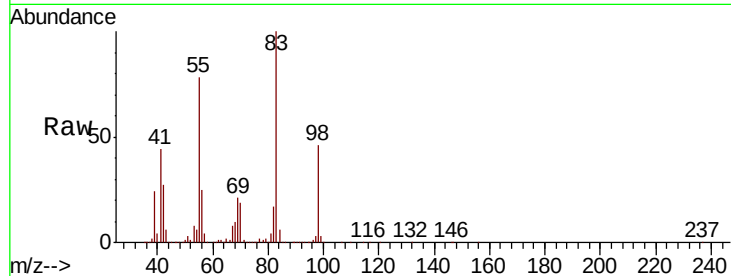
#39
Methylvlcyclohexane
Concen: 51.073 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.9	95.9
98	46.4	36.8	55.2

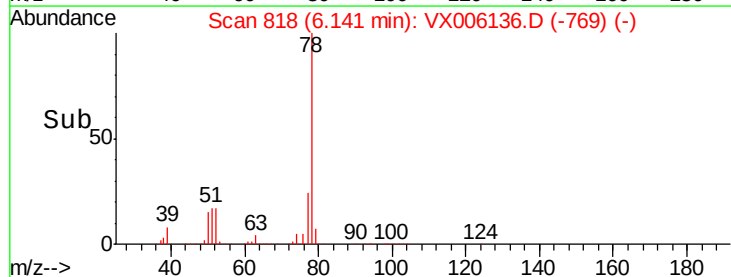
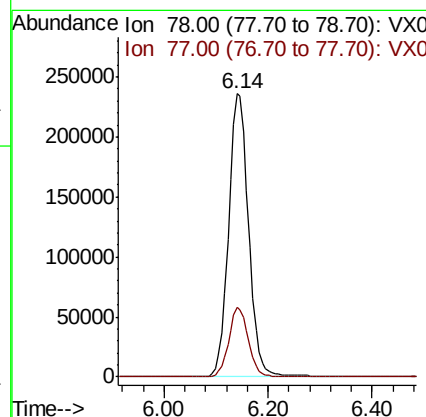
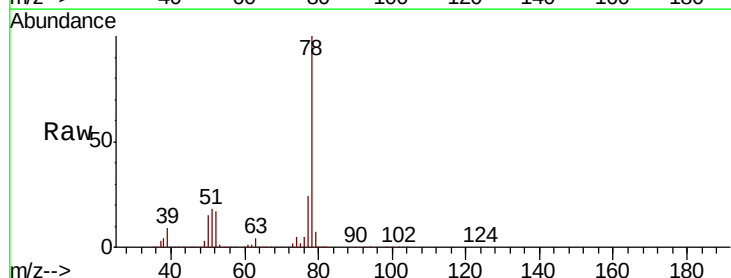
Manual Integrations
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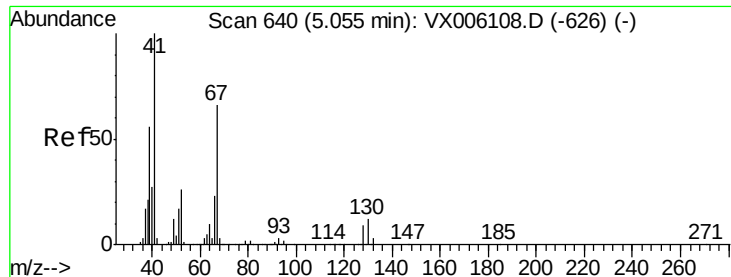
MMDadoda
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#40
Benzene
Concen: 49.203 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





#41

Methacrylonitrile

Concen: 49.753 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

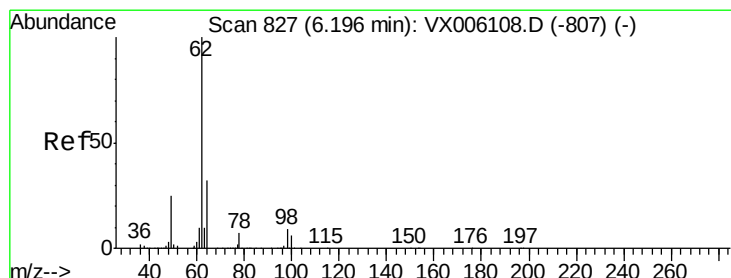
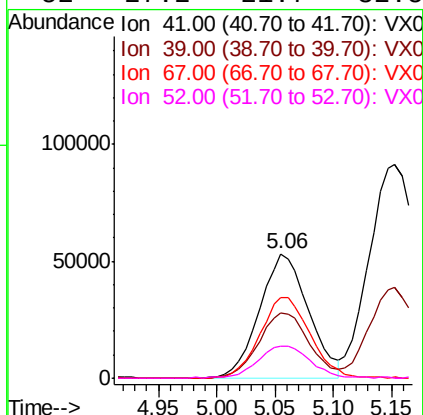
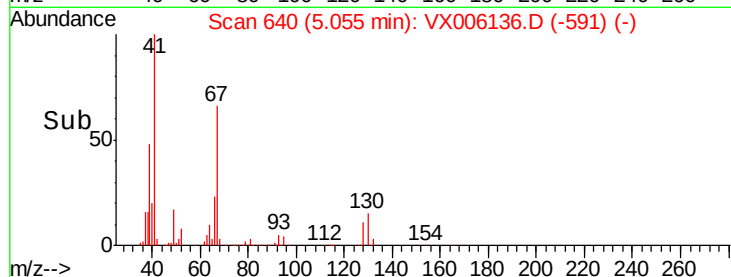
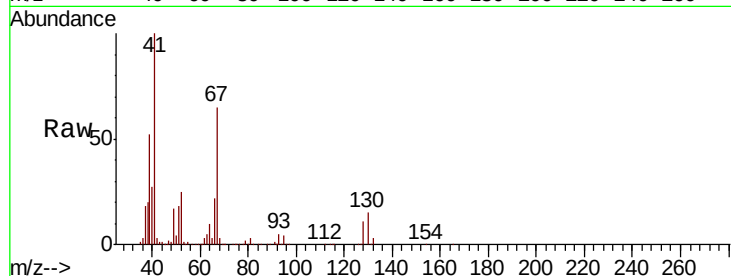
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		154587		
39	54.1	44.1	66.1		
67	67.4	54.1	81.1		
52	27.2	21.7	32.5		

Manual Integrations
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11/26/2018 10:52:40 AM



#42

1,2-Dichloroethane

Concen: 48.262 ug/l

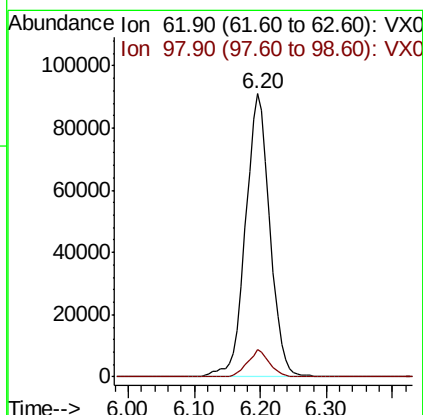
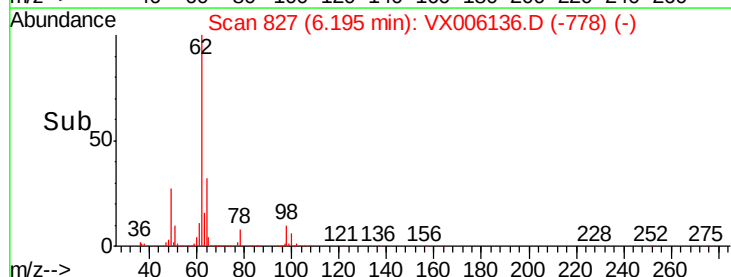
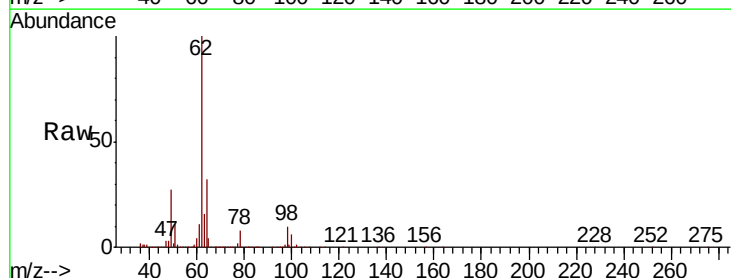
RT: 6.20 min Scan# 827

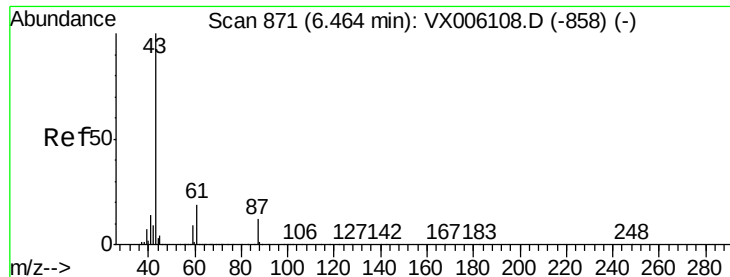
Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		232956		
98	8.4	0.0	17.8		





#43

Isopropyl Acetate

Concen: 50.765 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

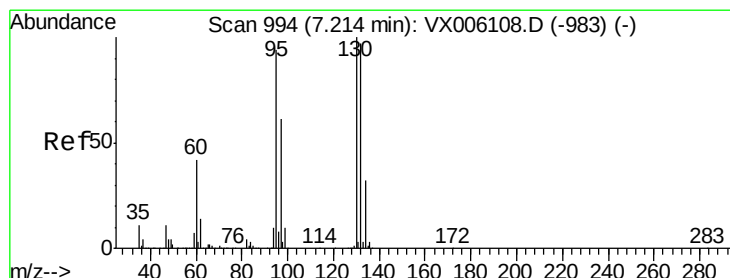
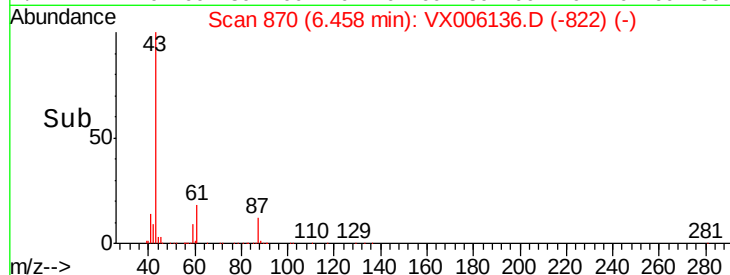
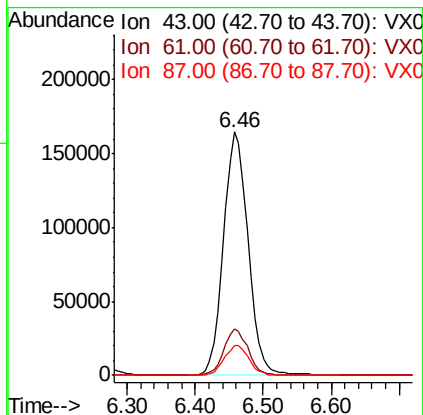
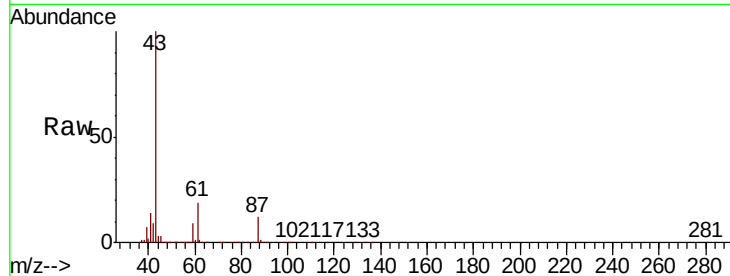
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	413343
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.3	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 49.305 ug/l

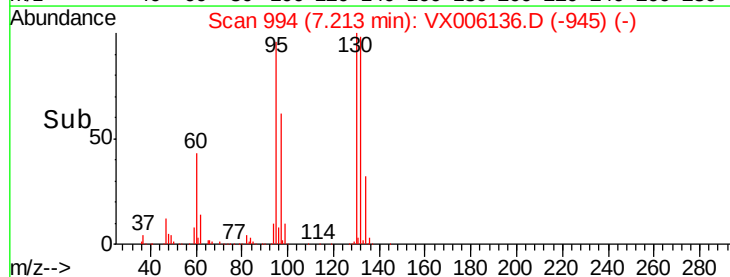
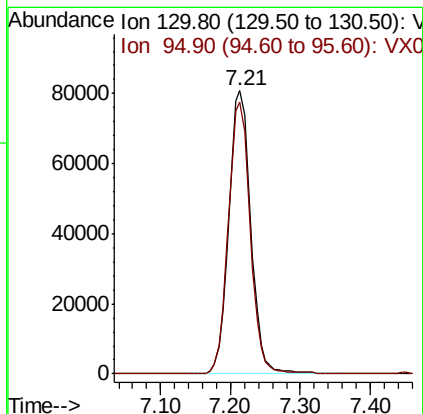
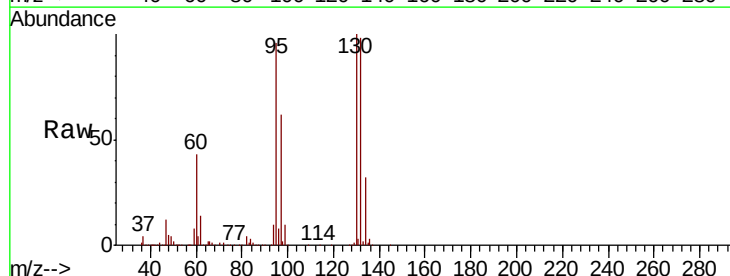
RT: 7.21 min Scan# 994

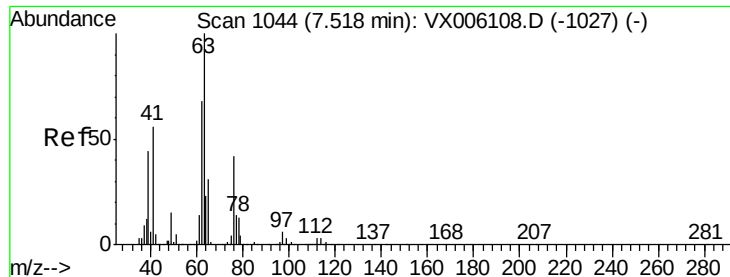
Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion:	130	Resp:	176927
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	188.8





#45

1,2-Dichloropropane

Concen: 48.800 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 166741

Ion Ratio Lower Upper

63 100

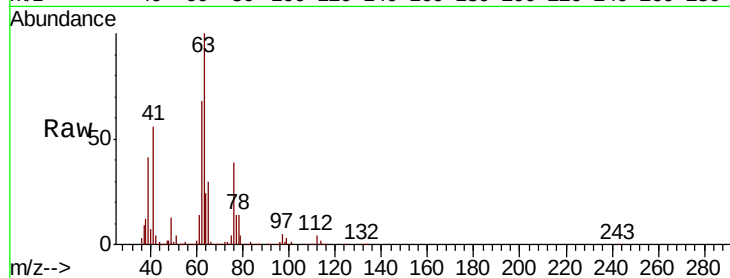
65 29.5 24.8 37.2

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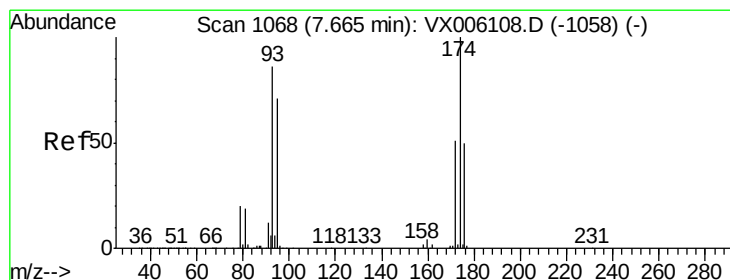
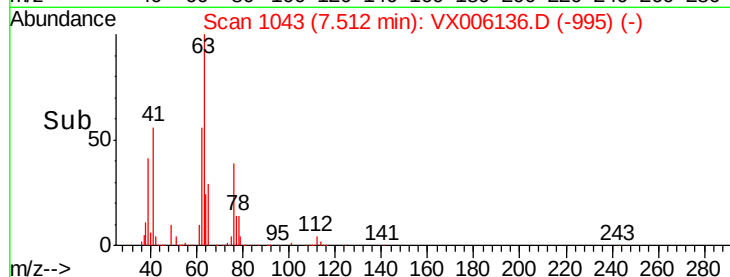
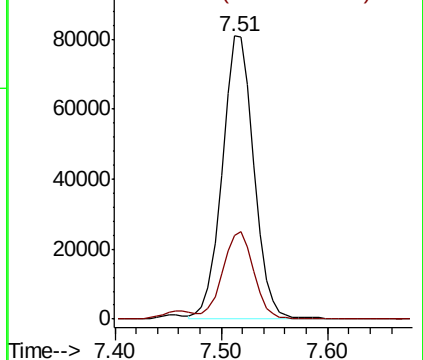
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.006 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

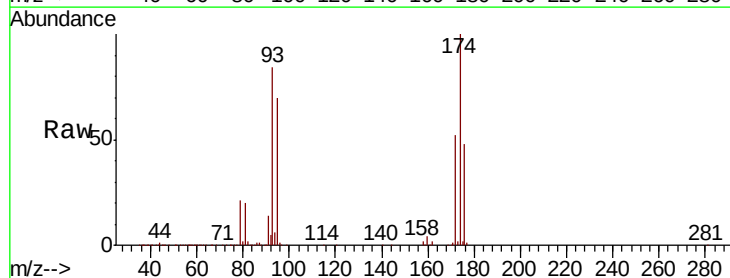
Tgt Ion: 93 Resp: 112333

Ion Ratio Lower Upper

93 100

95 84.1 66.3 99.5

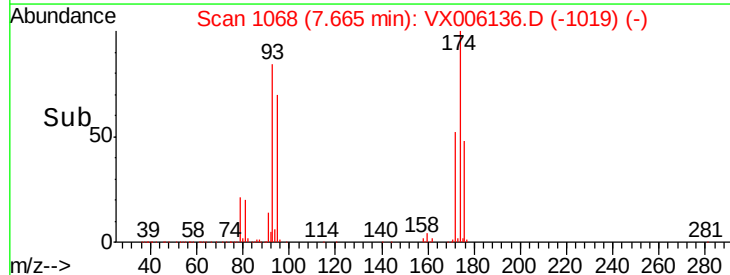
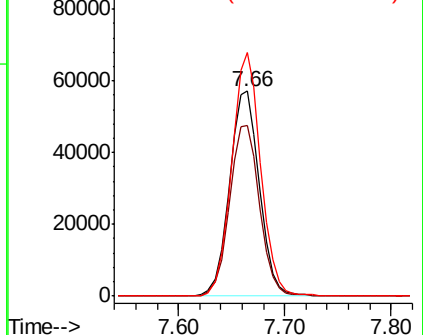
174 115.4 91.0 136.6

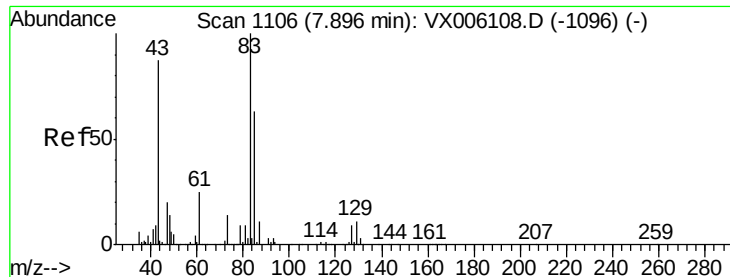


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





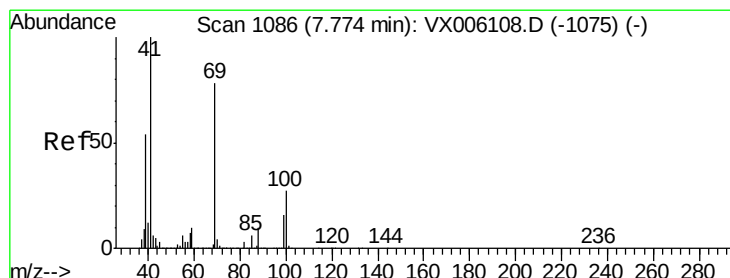
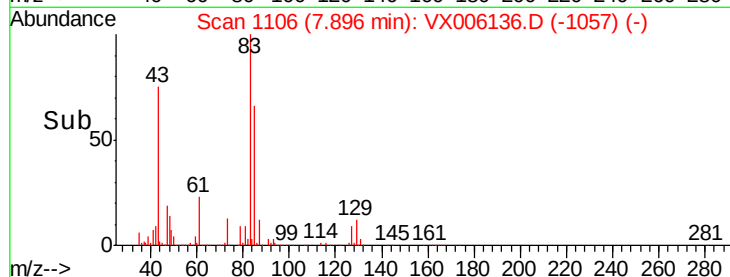
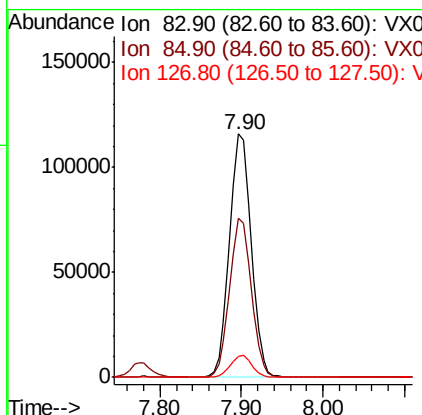
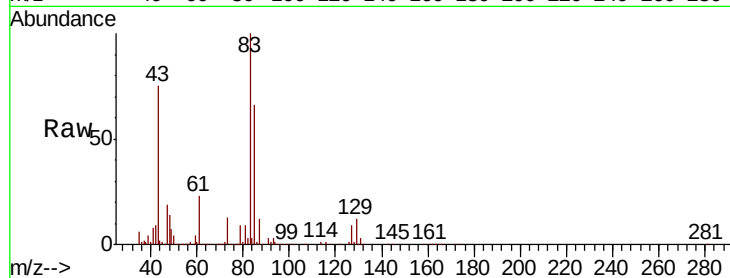
#47
Bromodichloromethane
Concen: 49.163 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6
127	8.8	7.0	10.4

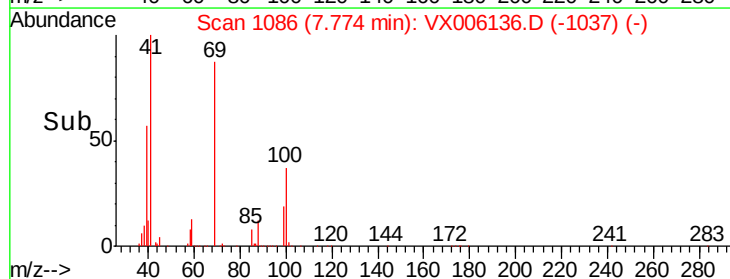
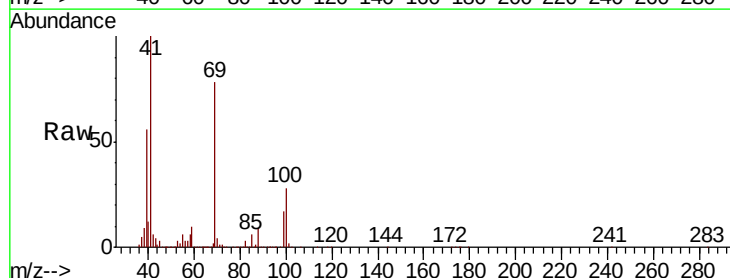
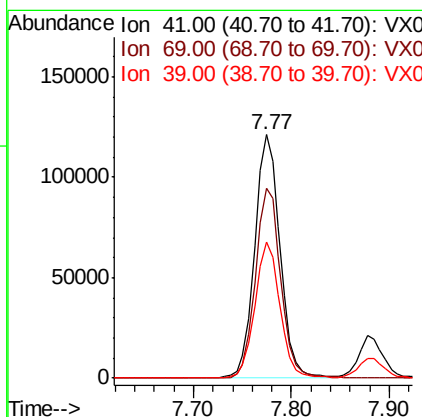
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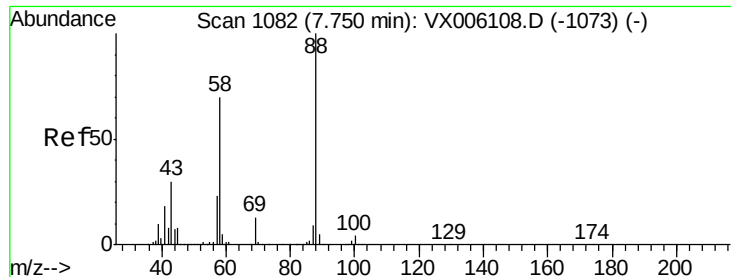
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#48
Methyl methacrylate
Concen: 52.787 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.7	62.8	94.2
39	55.2	43.8	65.6





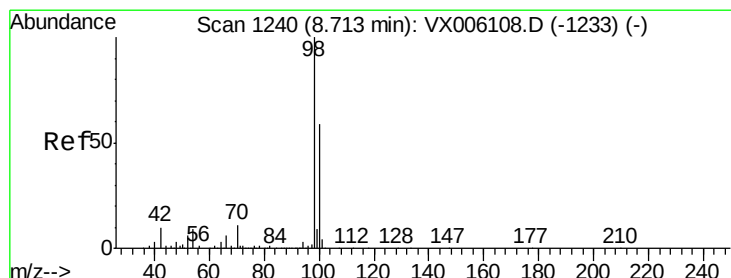
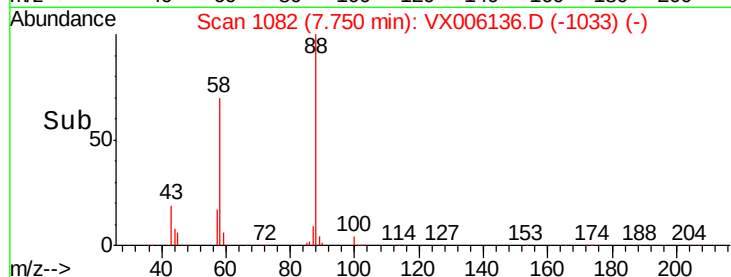
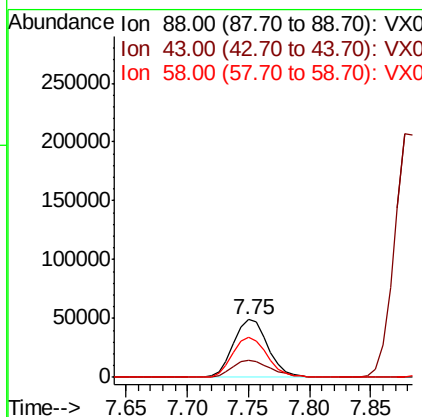
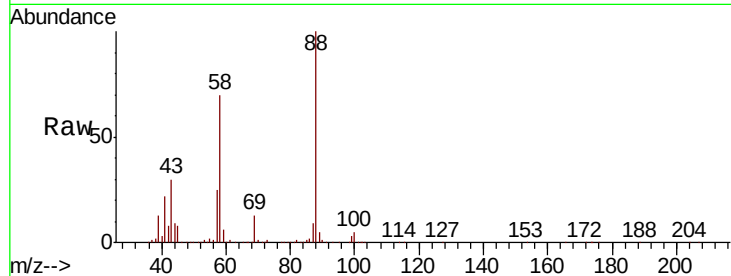
#49
 1,4-Dioxane
 Concen: 985.228 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.7	40.1
58	70.4	58.5	87.7

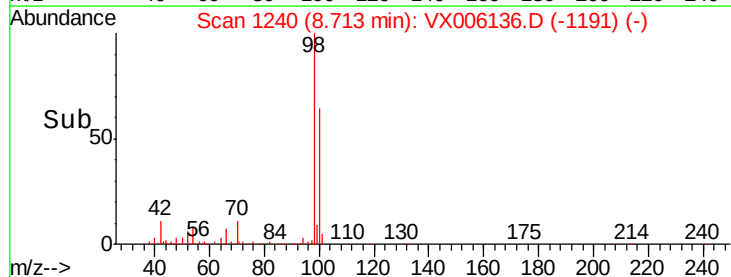
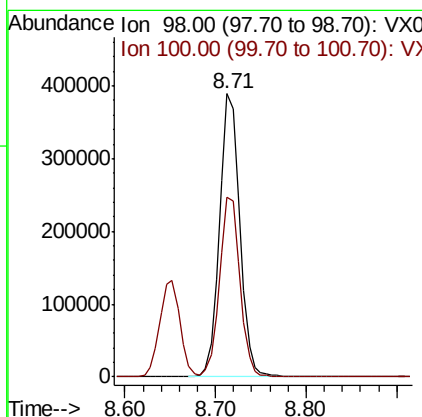
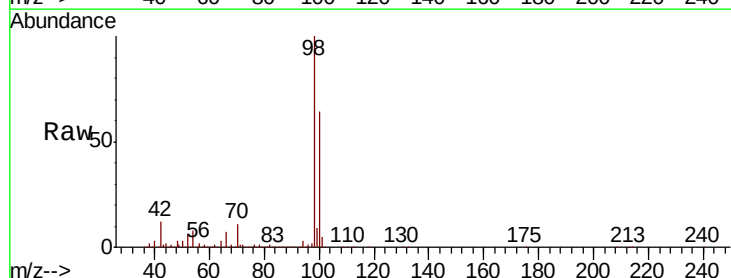
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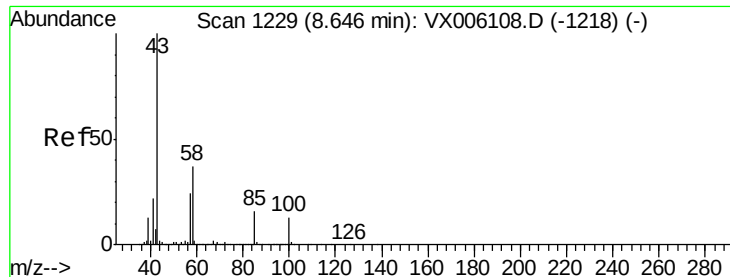
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#50
 Toluene-d8
 Concen: 51.458 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.0	76.4





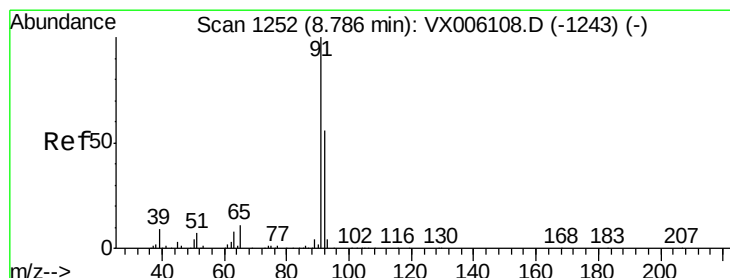
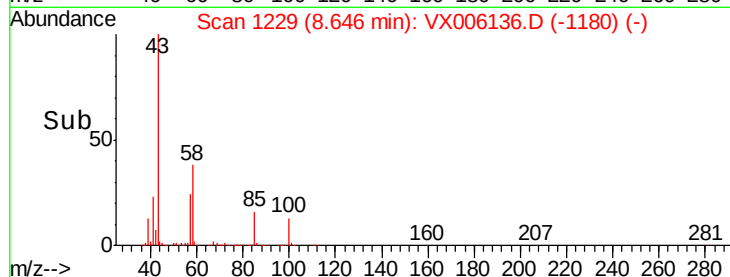
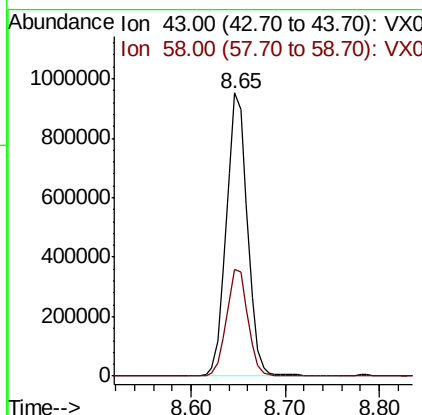
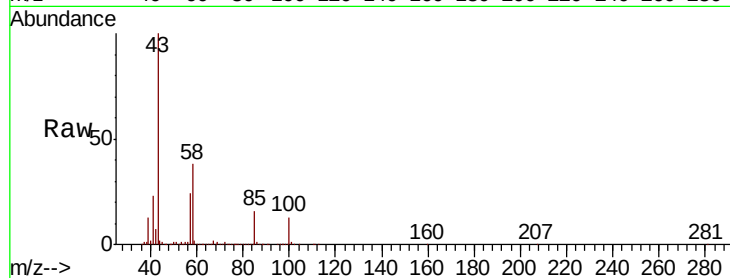
#51
4-Methyl-2-Pentanone
Concen: 253.365 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1478938
Ion Ratio Lower Upper
43 100
58 38.1 29.9 44.9

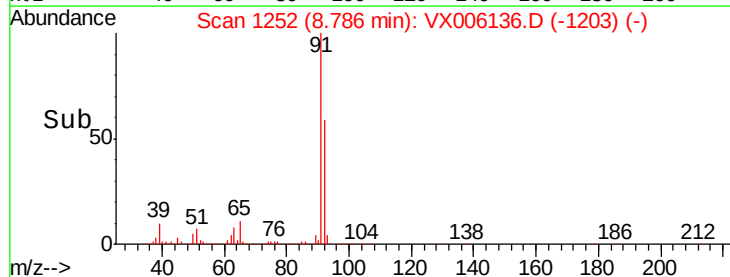
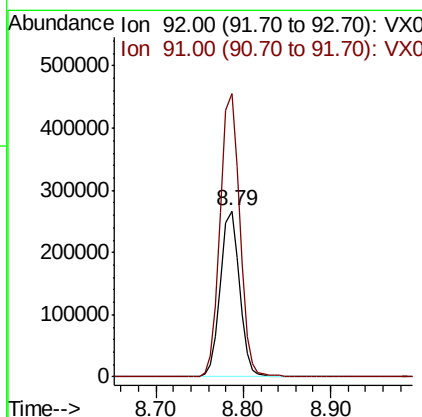
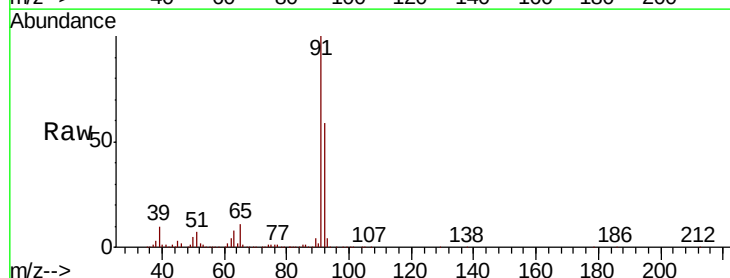
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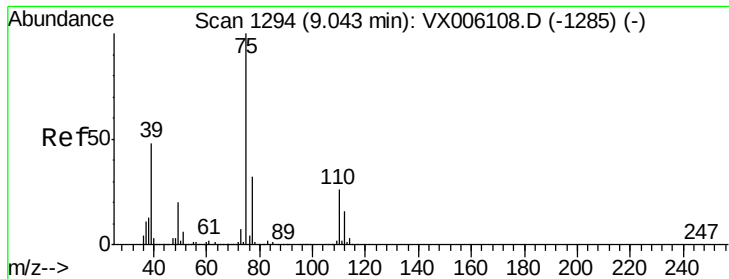
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#52
Toluene
Concen: 50.829 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion: 92 Resp: 405909
Ion Ratio Lower Upper
92 100
91 174.4 142.5 213.7





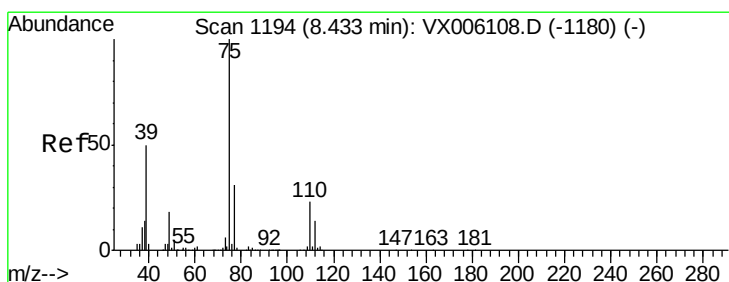
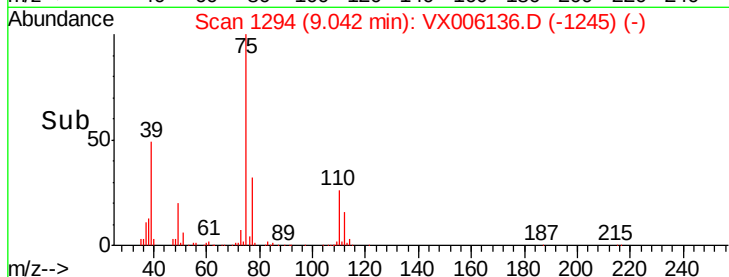
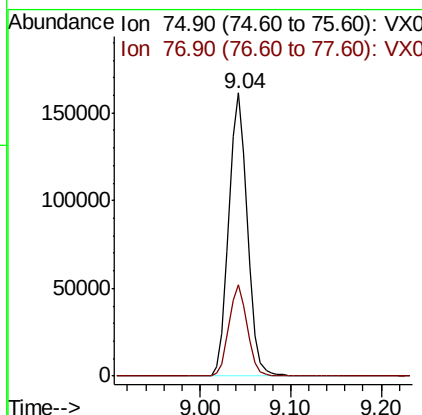
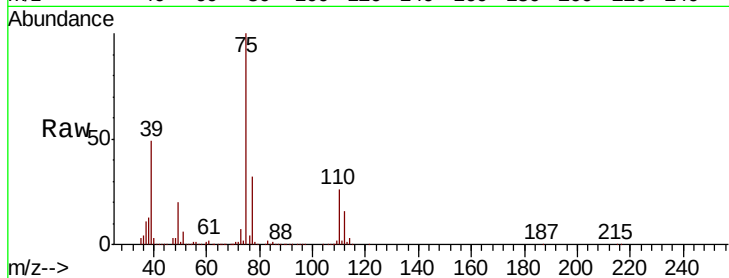
#53
t-1,3-Dichloropropene
Concen: 50.870 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5

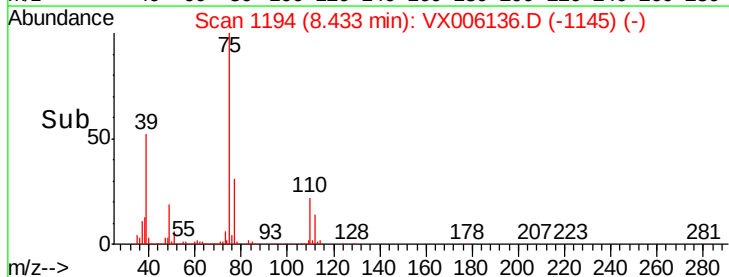
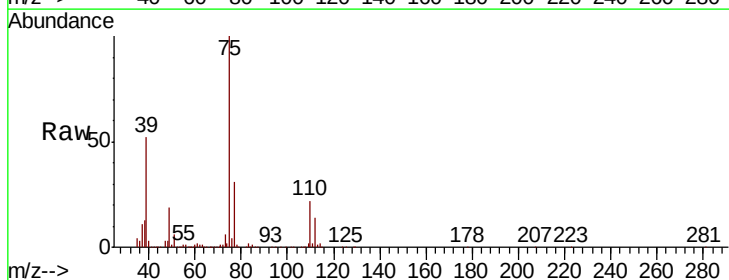
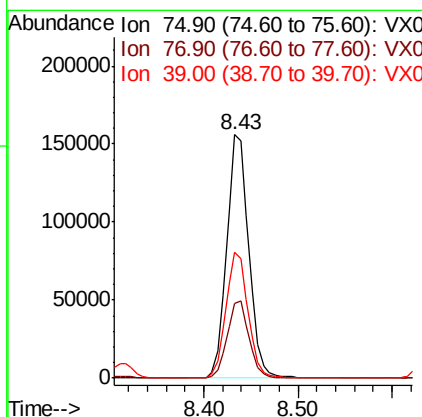
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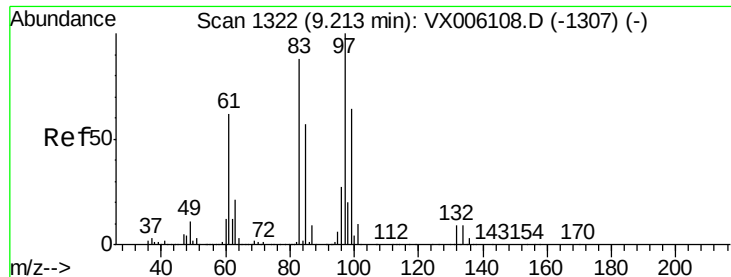
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#54
cis-1,3-Dichloropropene
Concen: 50.517 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1
39	51.6	40.3	60.5





#55

1,1,2-Trichloroethane

Concen: 48.484 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 167682

Ion Ratio Lower Upper

97 100

83 86.5 70.7 106.1

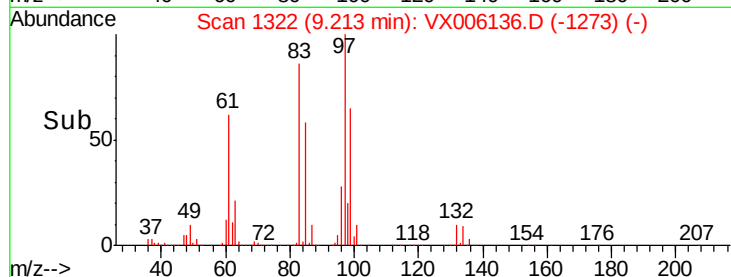
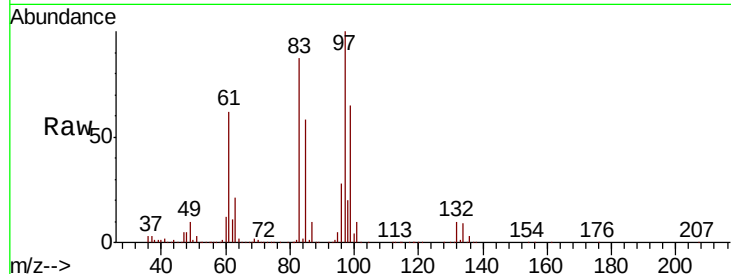
85 57.9 45.7 68.5

99 65.1 51.4 77.2

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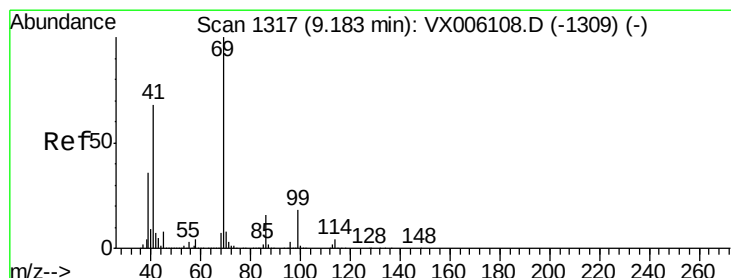
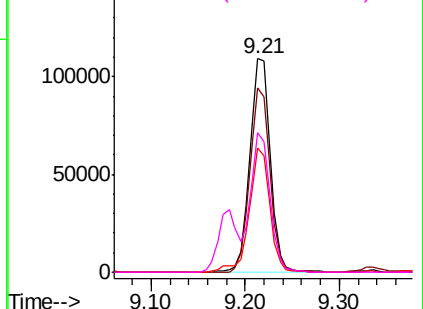


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.788 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

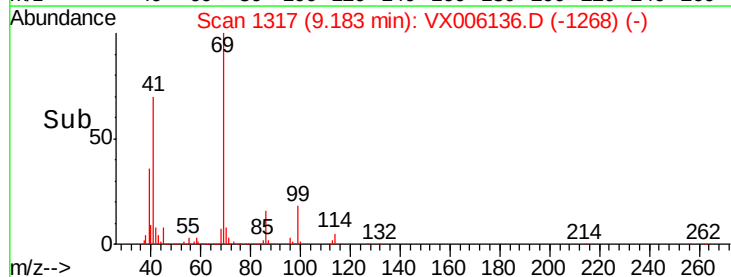
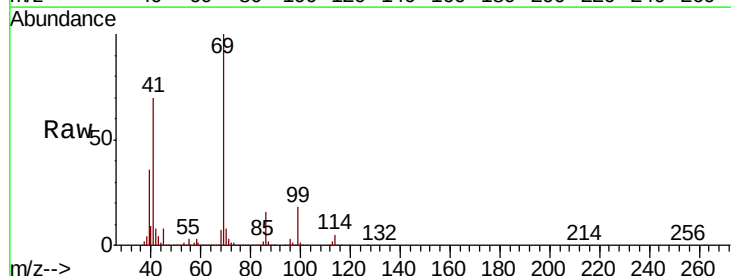
Tgt Ion: 69 Resp: 256650

Ion Ratio Lower Upper

69 100

41 71.3 56.2 84.4

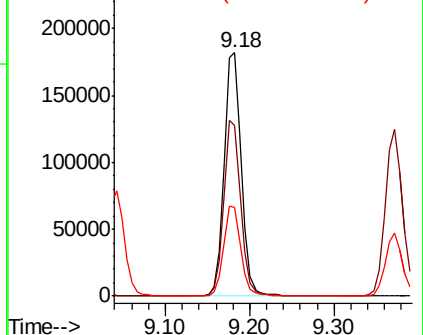
39 36.9 29.4 44.0

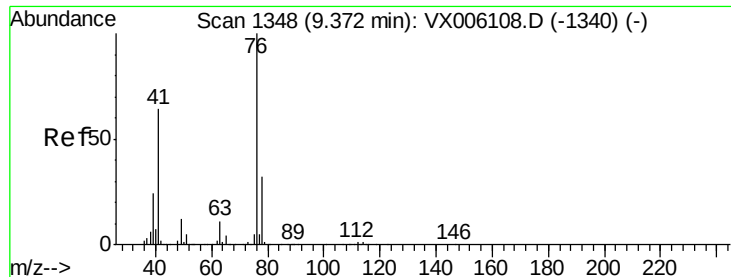


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





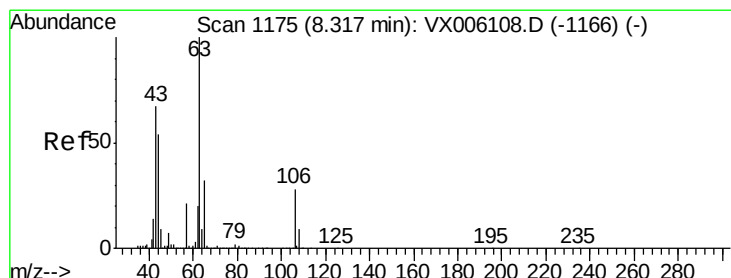
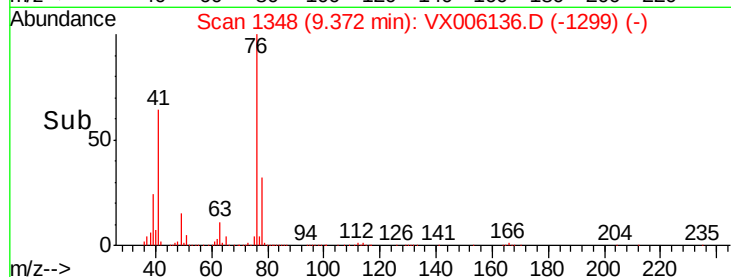
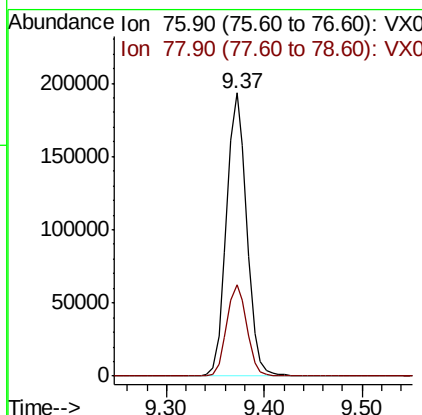
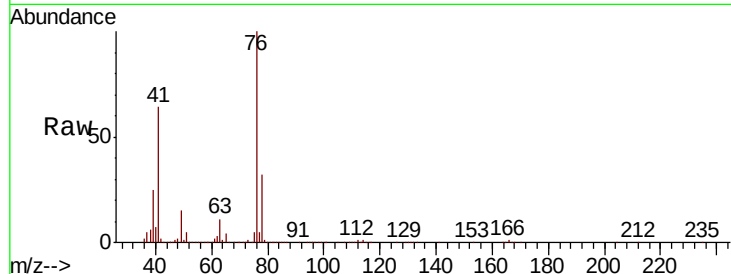
#57
 1,3-Dichloropropane
 Concen: 49.005 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

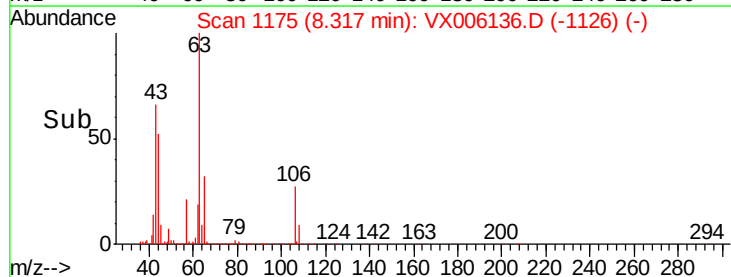
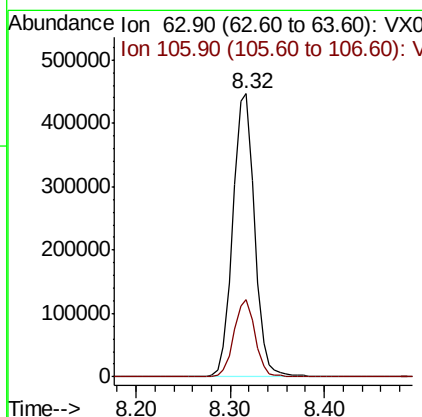
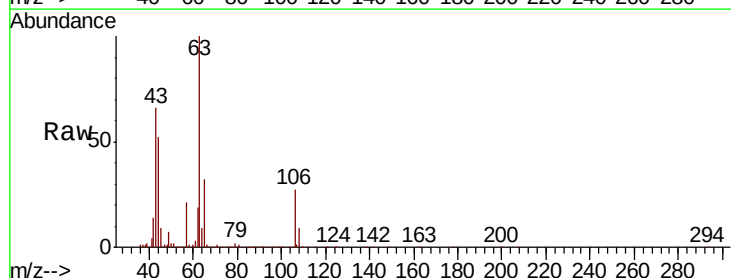
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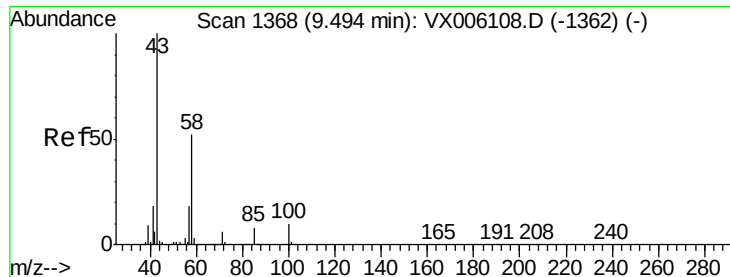
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#58
 2-Chloroethyl Vinyl ether
 Concen: 238.503 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.7	32.5





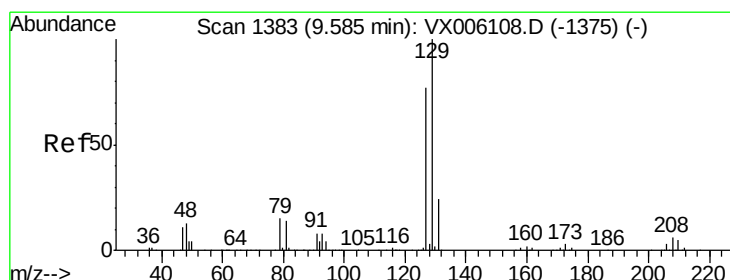
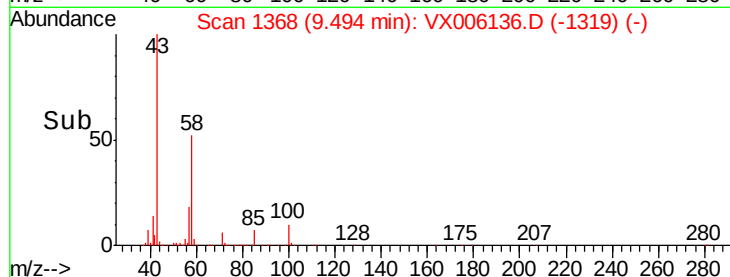
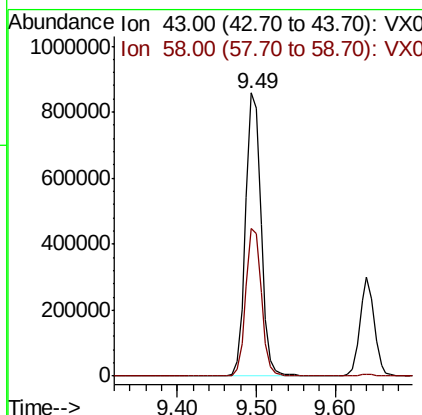
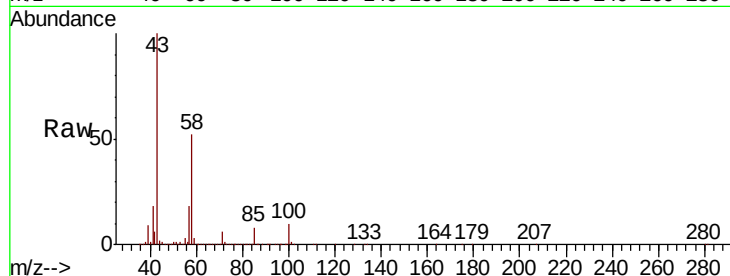
#59
2-Hexanone
Concen: 252.718 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1170704
Ion Ratio Lower Upper
43 100
58 52.7 26.3 78.9

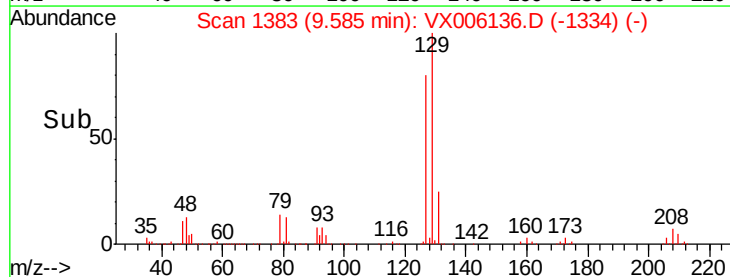
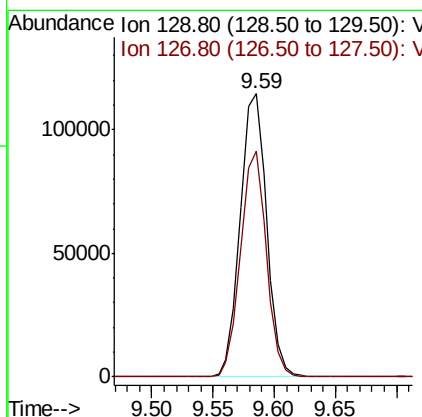
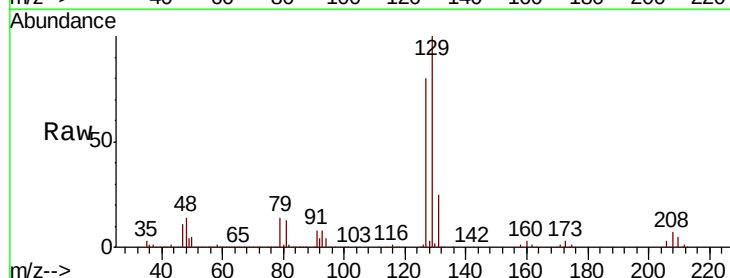
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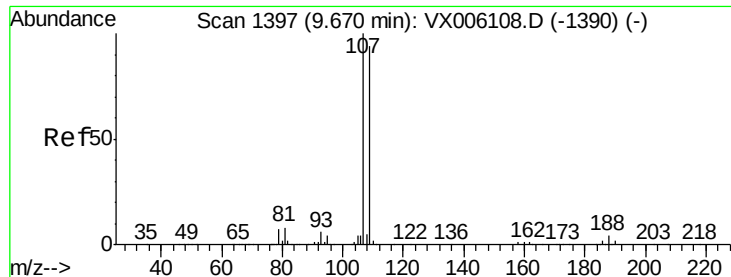
MMDadoda
11/26/2018 10:52:40 AM



#60
Dibromochloromethane
Concen: 50.705 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion: 129 Resp: 171928
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5





#61

1,2-Dibromoethane

Concen: 49.561 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 176587

Ion Ratio Lower Upper

107 100

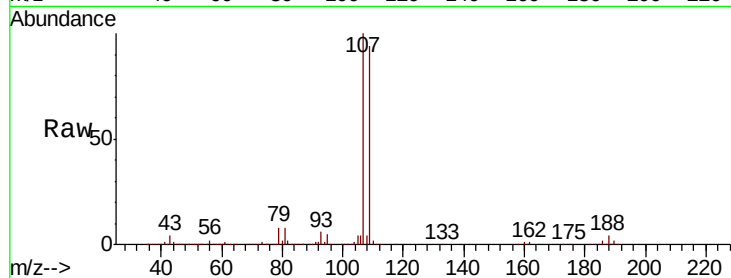
109 94.3 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

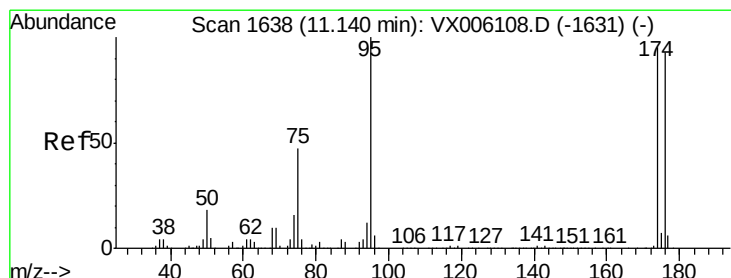
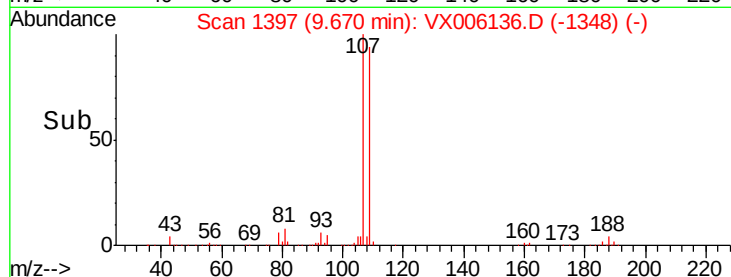
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.281 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

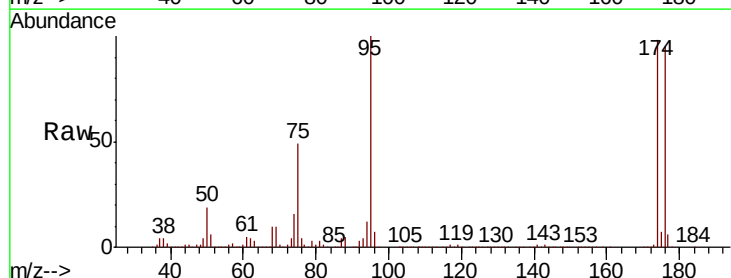
Tgt Ion: 95 Resp: 226922

Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.4

176 89.9 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

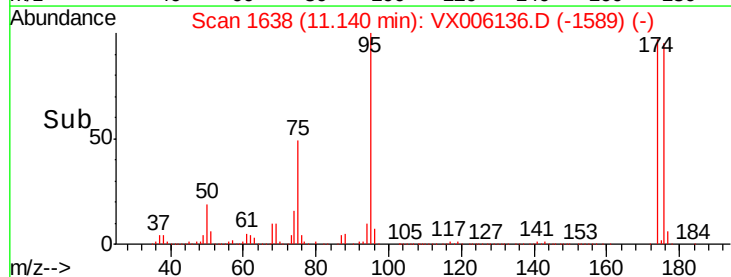
150000

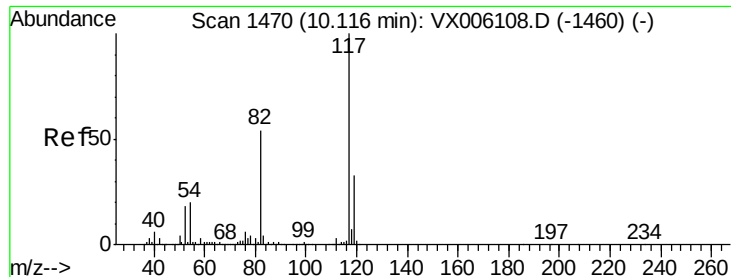
100000

50000

0

Time-->





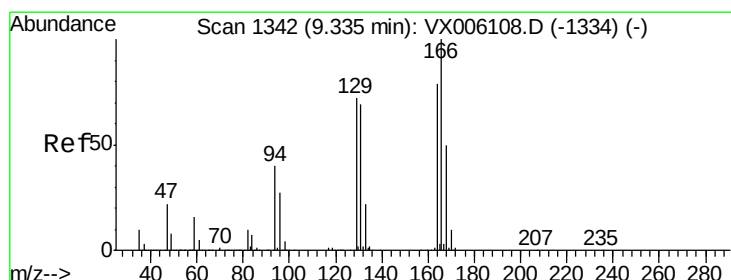
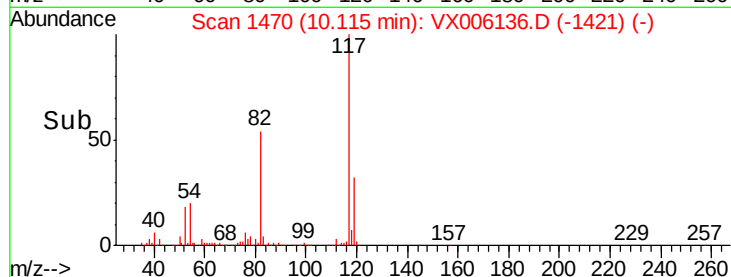
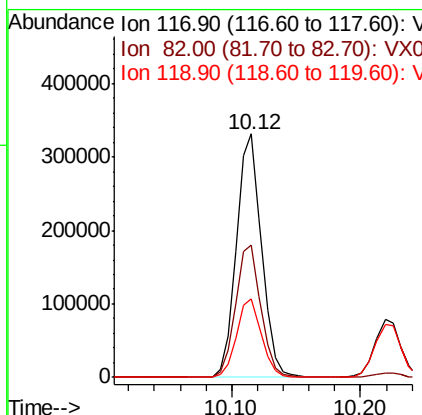
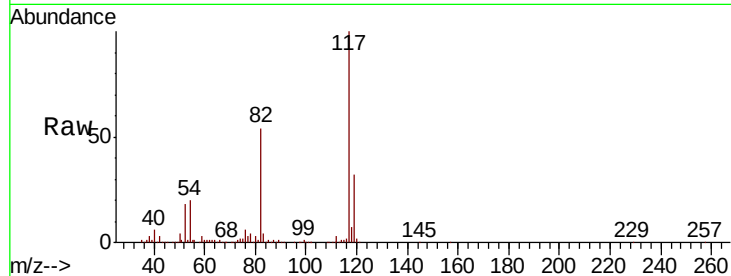
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	448021		
82	54.1	43.0	64.4	
119	32.1	26.1	39.1	

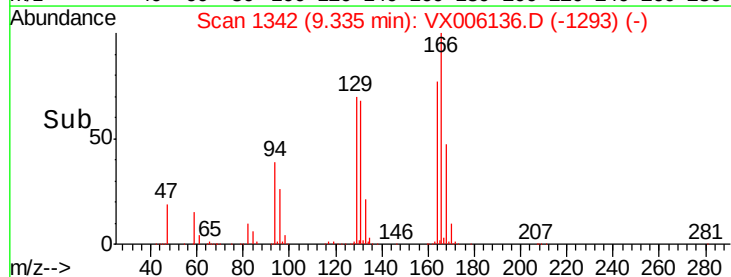
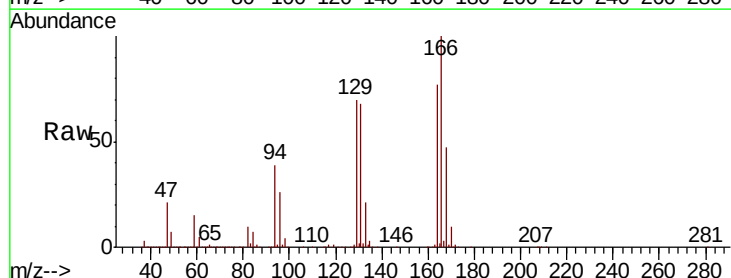
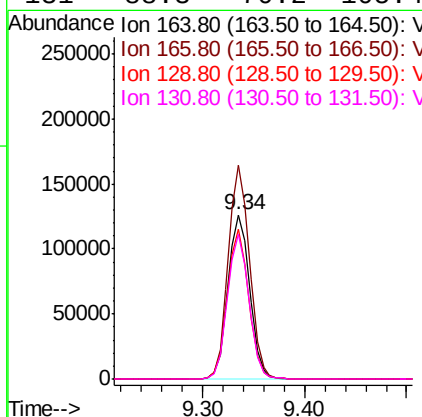
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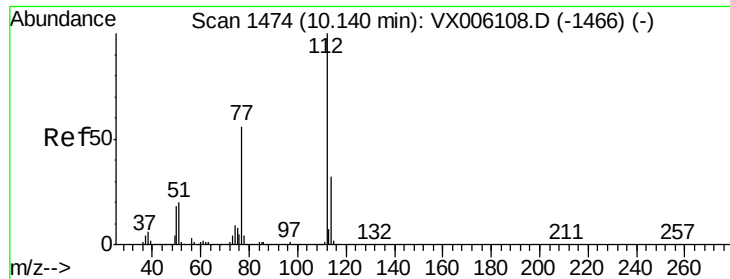
MMDadoda
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#64
Tetrachloroethene
Concen: 50.387 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185774		
166	129.9	101.5	152.3	
129	91.0	73.4	110.0	
131	88.3	70.2	105.4	





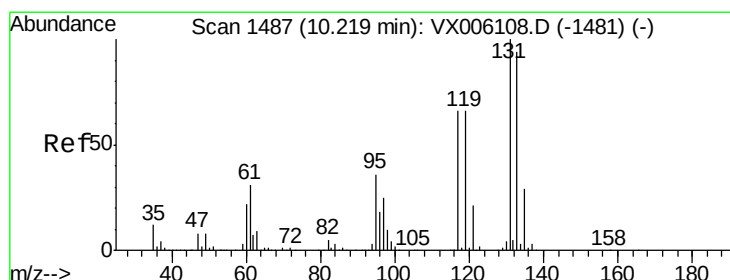
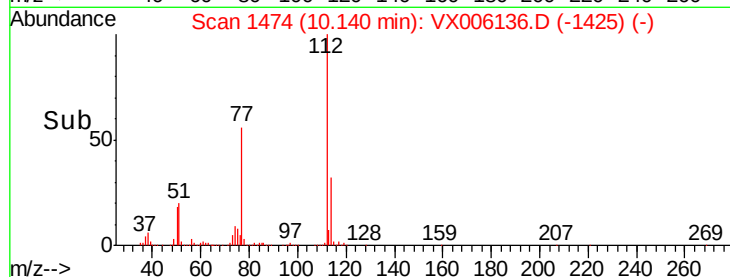
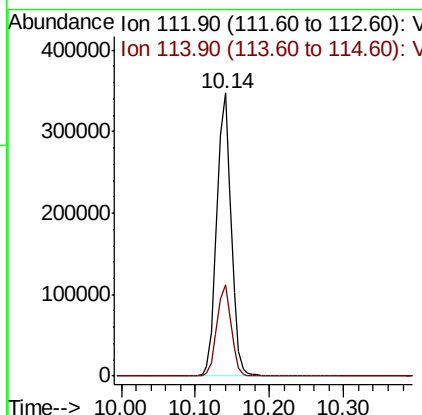
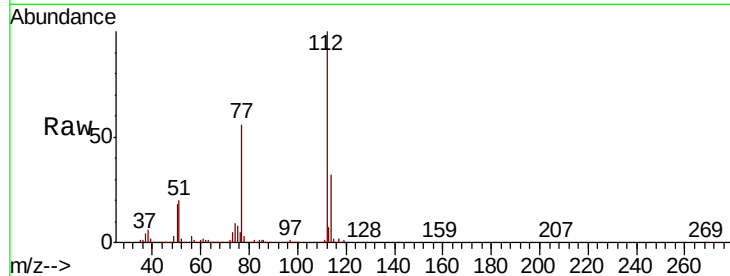
#65
Chlorobenzene
Concen: 50.039 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.6	38.4

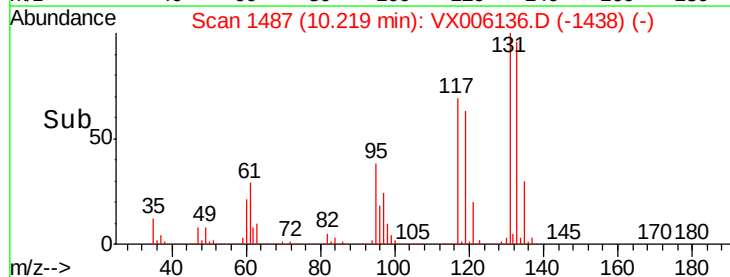
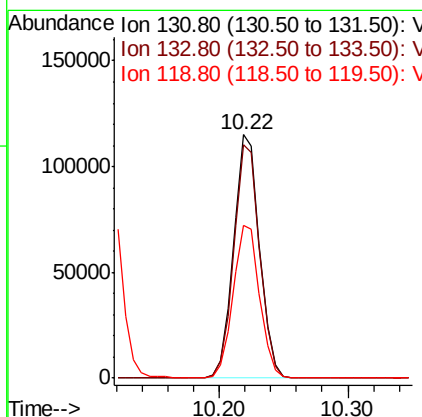
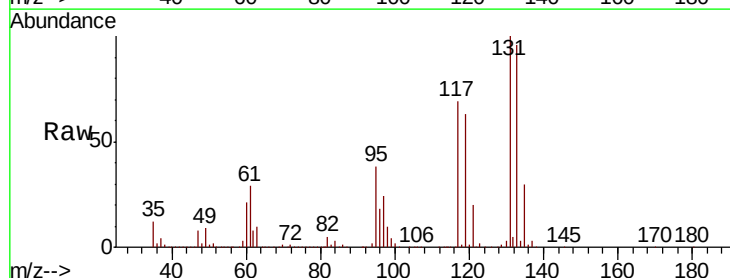
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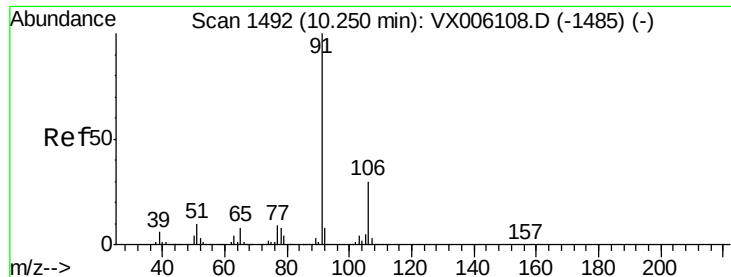
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.029 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.0	144.2
119	63.9	32.6	97.8





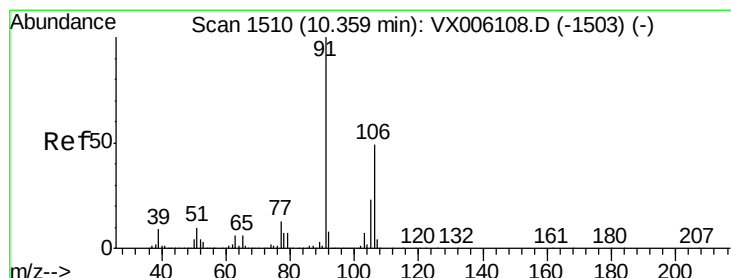
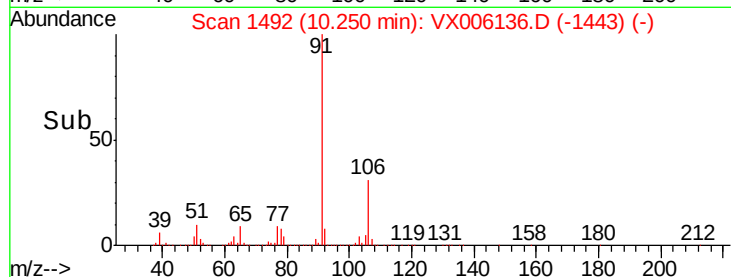
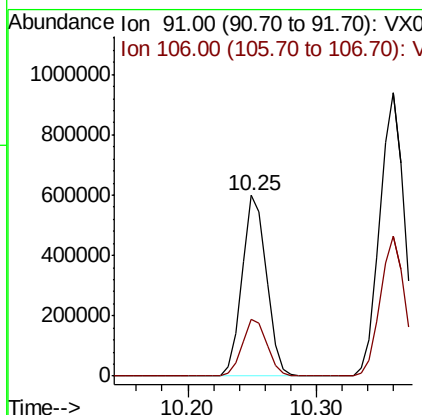
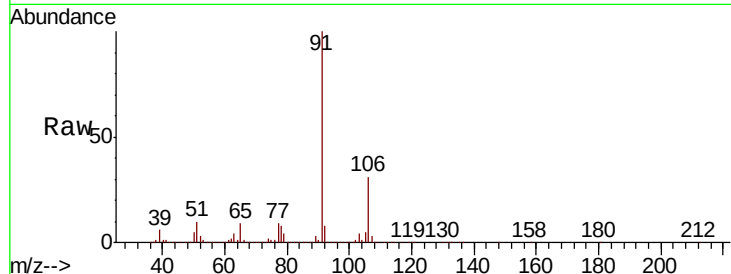
#67
Ethyl Benzene
Concen: 52.312 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 787144
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

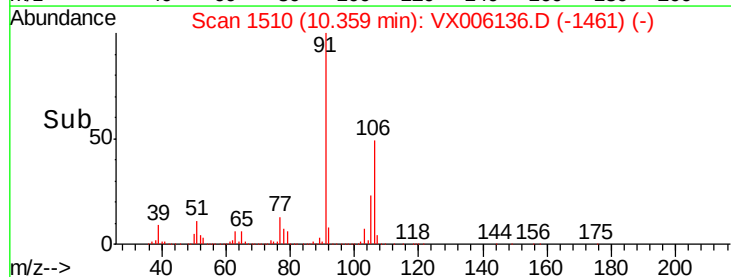
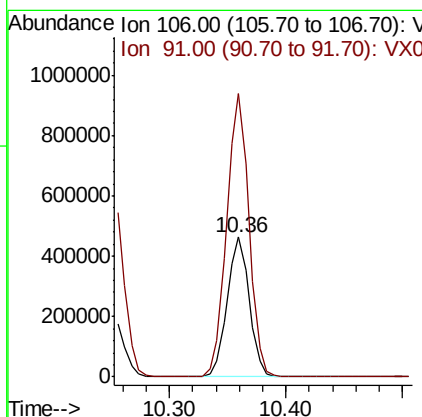
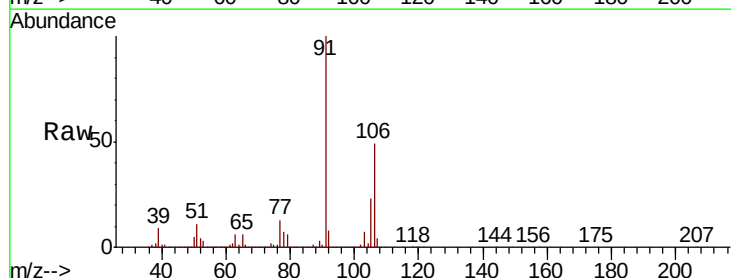
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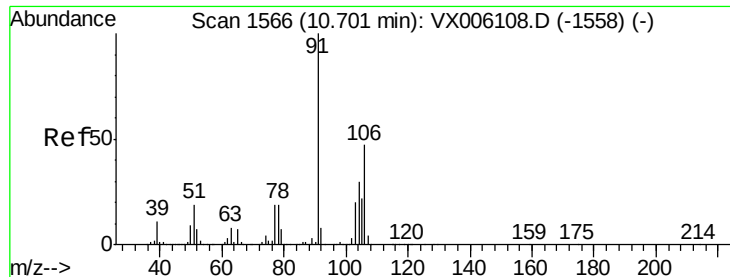
MMDadoda
11/26/2018 10:52:40 AM



#68
m/p-Xylenes
Concen: 104.665 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion: 106 Resp: 613260
Ion Ratio Lower Upper
106 100
91 203.5 162.0 243.0





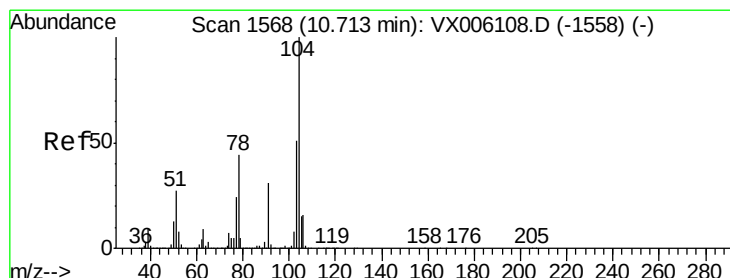
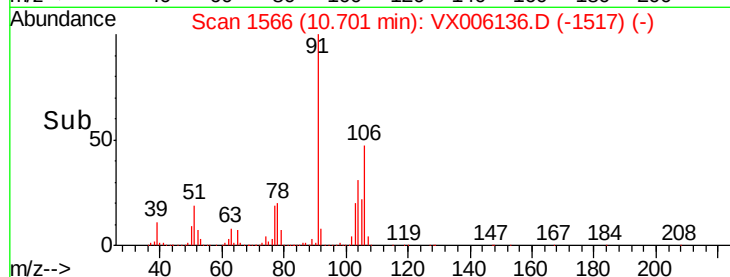
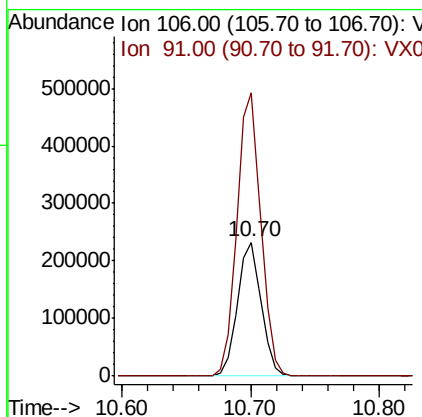
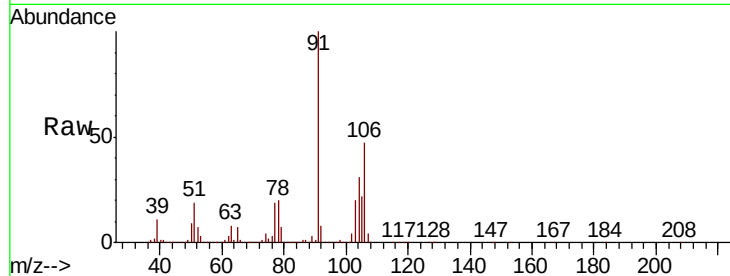
#69
o-Xylene
Concen: 53.104 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.6	107.4	322.2

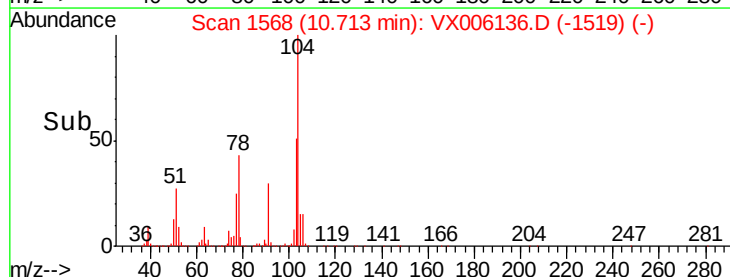
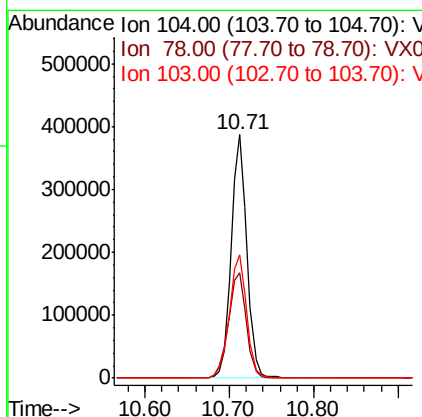
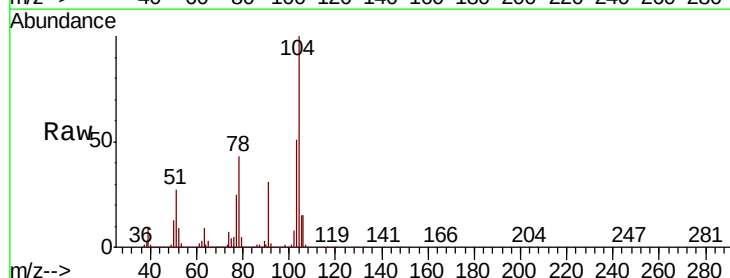
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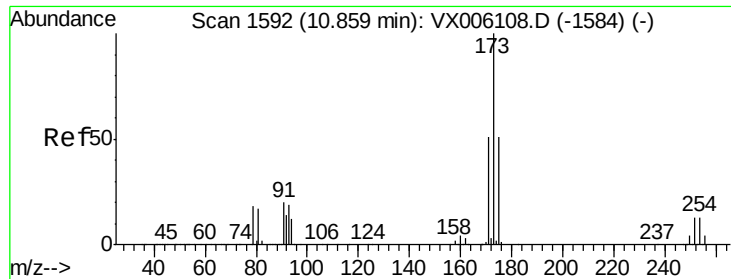
MMDadoda
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#70
Styrene
Concen: 54.087 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.4	59.2
103	55.9	44.6	67.0





#71

Bromoform

Concen: 49.877 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

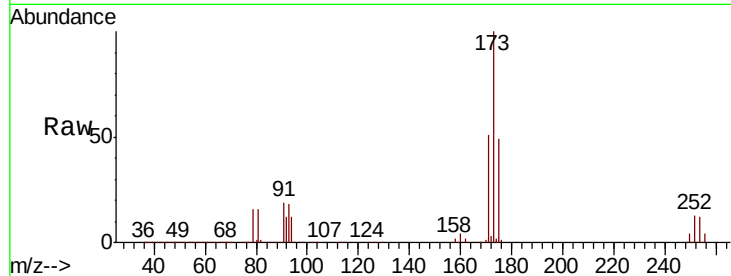
ClientSampleId :

VSTDCCC050EC

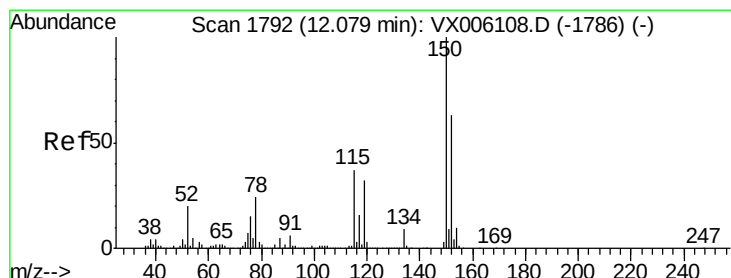
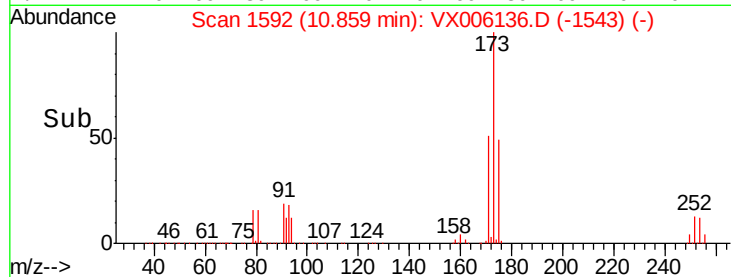
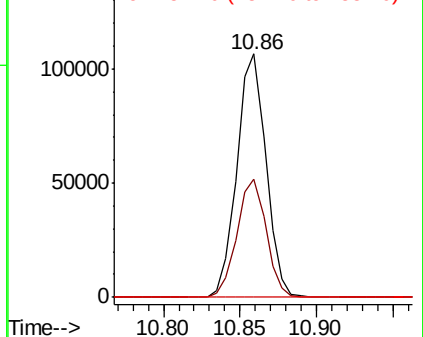
Tot Ion:	173	Resp:	140860
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.9	74.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

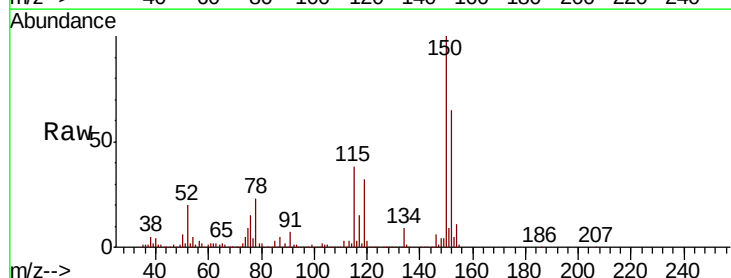
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

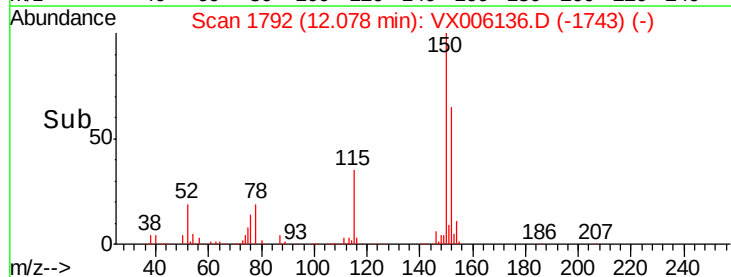
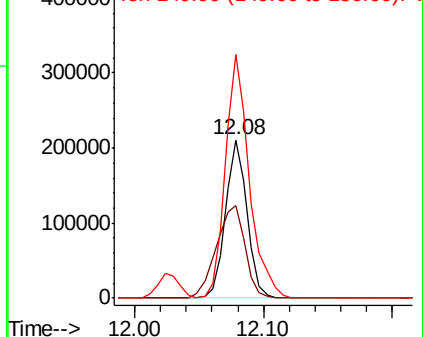
Lab File: VX006136.D

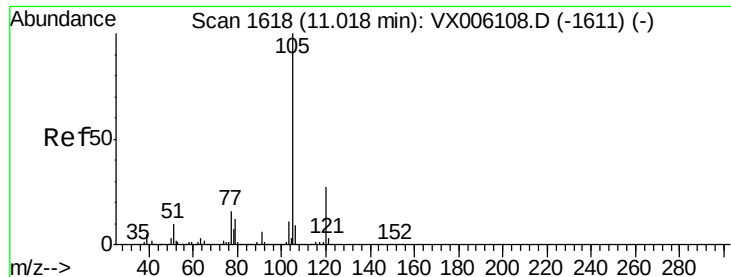
Acq: 21 Nov 2018 20:59

Tgt Ion:	152	Resp:	247042
Ion Ratio	Lower	Upper	
152	100		
115	77.9	39.0	116.9
150	171.7	0.0	346.6



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





#73

Isopropylbenzene

Concen: 53.774 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 803780

Ion Ratio Lower Upper

105 100

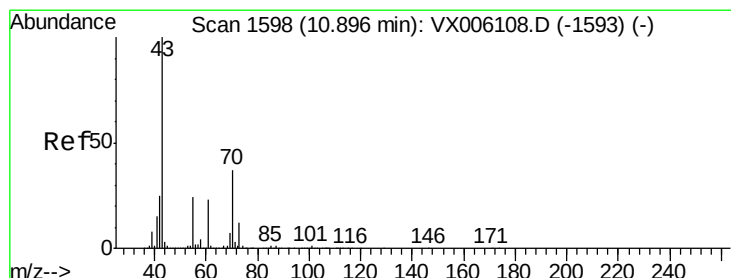
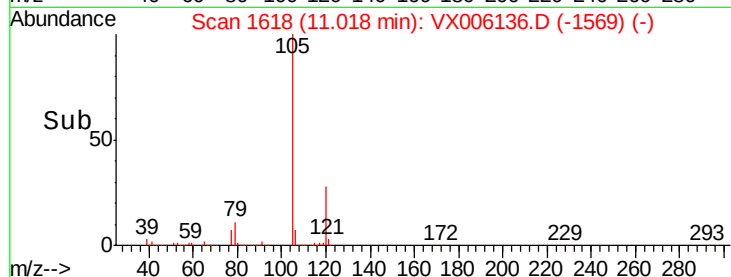
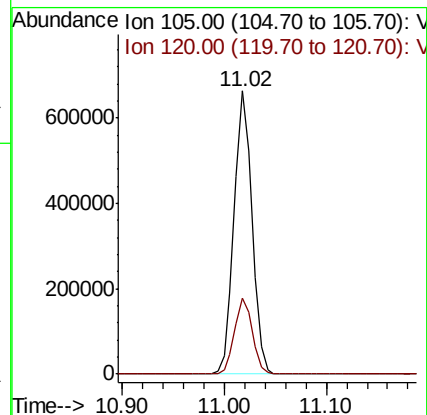
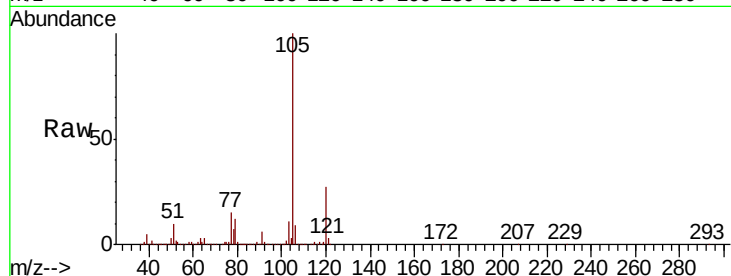
120 26.8 13.3 39.8

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#74

N-ethyl acetate

Concen: 49.152 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion: 43 Resp: 374198

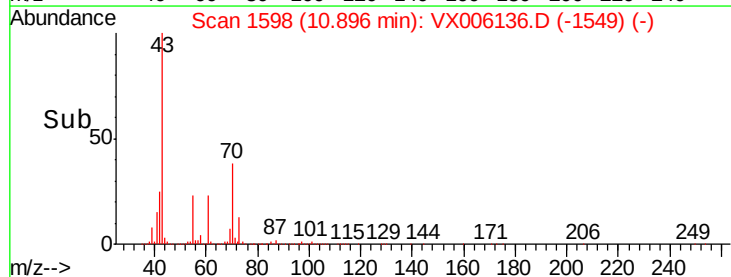
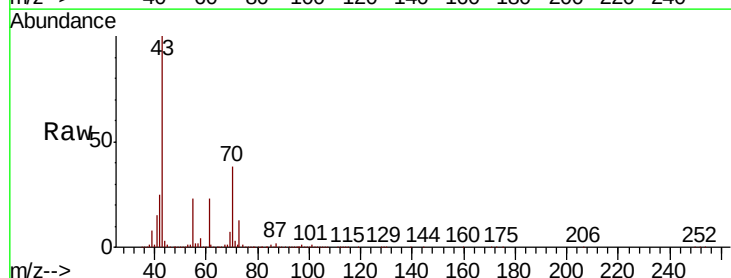
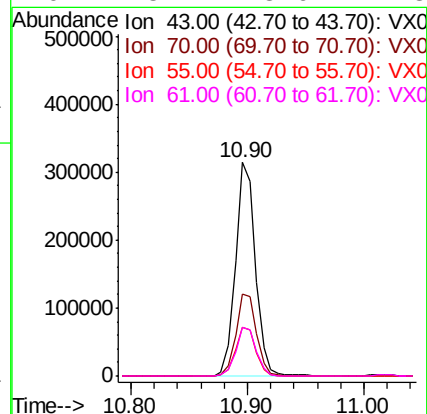
Ion Ratio Lower Upper

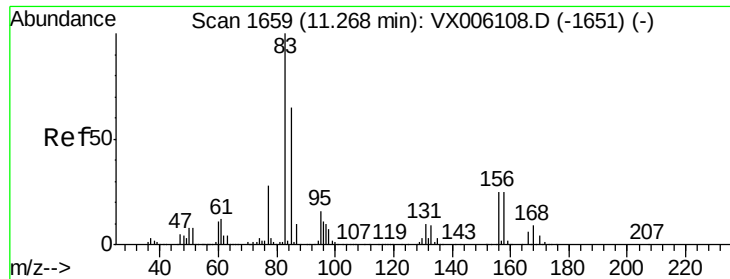
43 100

70 39.7 31.8 47.6

55 23.7 19.5 29.3

61 23.1 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.795 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

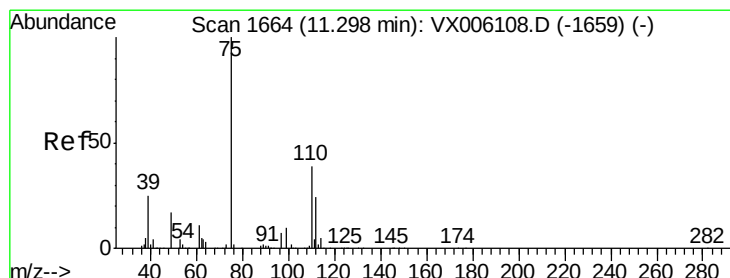
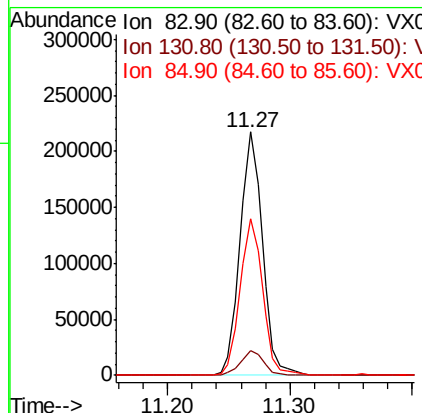
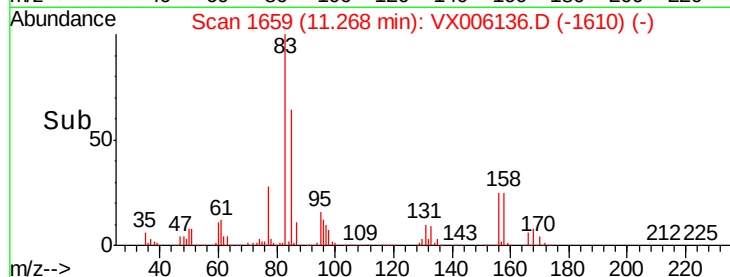
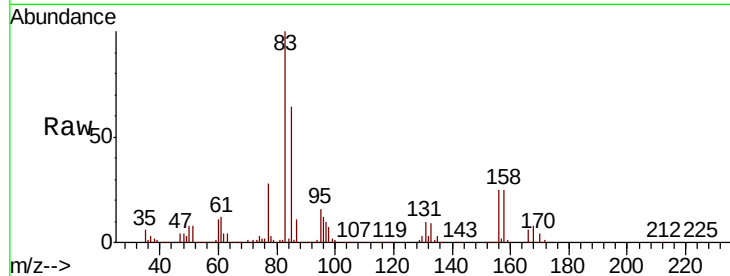
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	274863
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.8	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 50.569 ug/l m

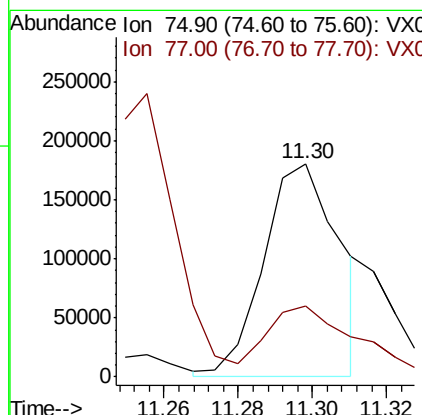
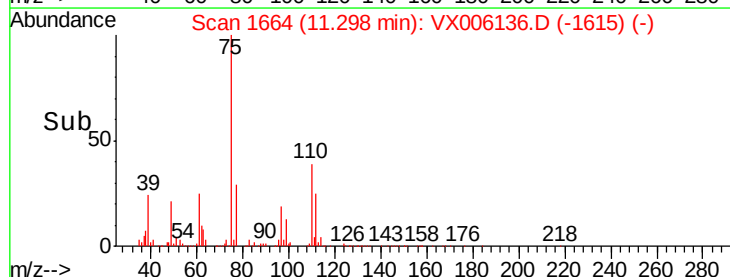
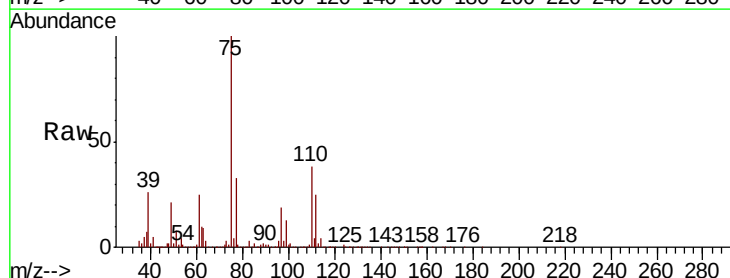
RT: 11.30 min Scan# 1664

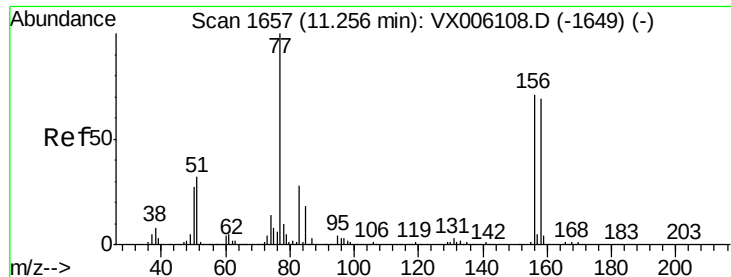
Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion:	75	Resp:	257196
Ion Ratio	Lower	Upper	
75	100		
77	39.5	19.6	58.7





#77

Bromobenzene

Concen: 50.866 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 212990

Ion Ratio Lower Upper

156 100

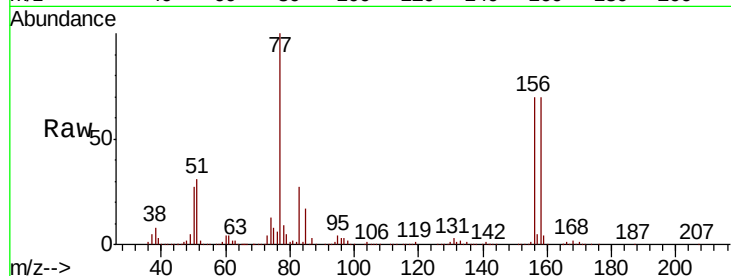
77 147.4 74.3 222.8

158 98.1 49.0 147.0

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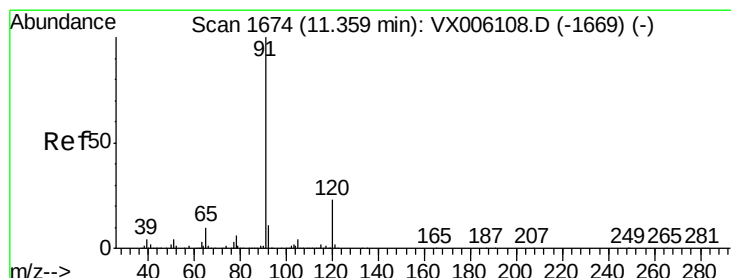
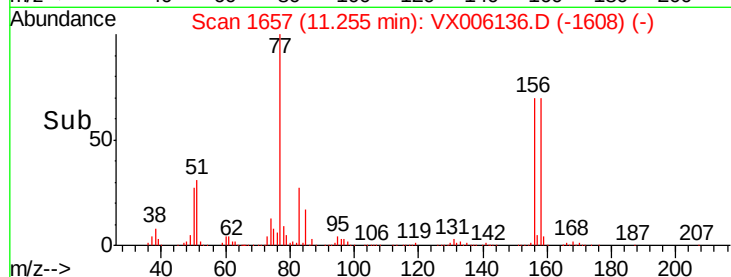
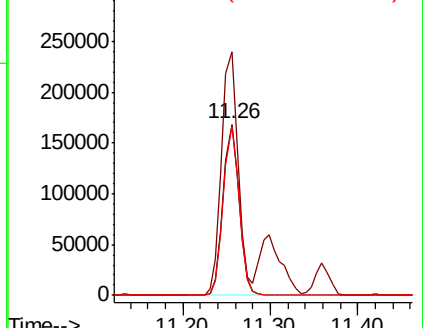
11/26/2018 10:52:40 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.586 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006136.D

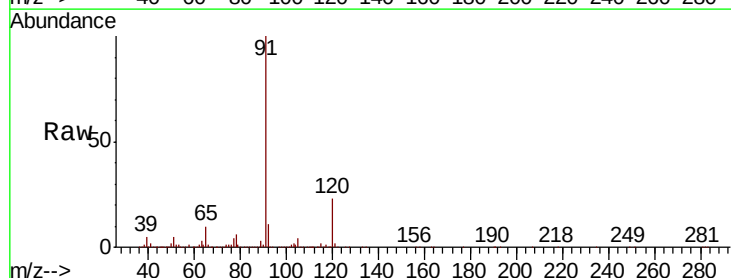
Acq: 21 Nov 2018 20:59

Tgt Ion: 91 Resp: 932796

Ion Ratio Lower Upper

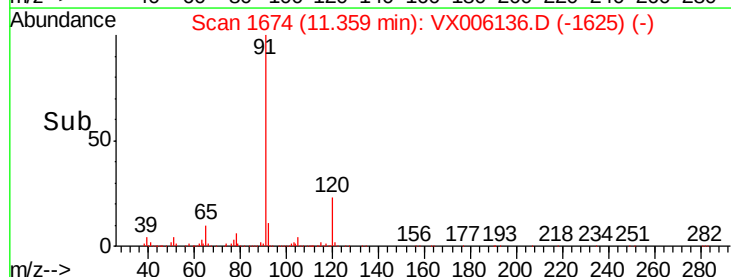
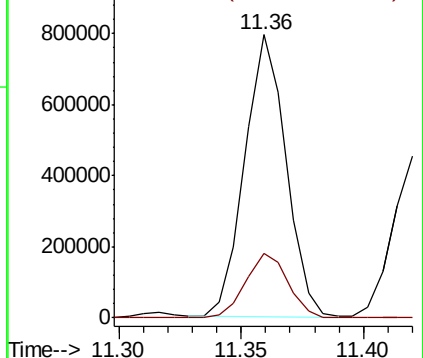
91 100

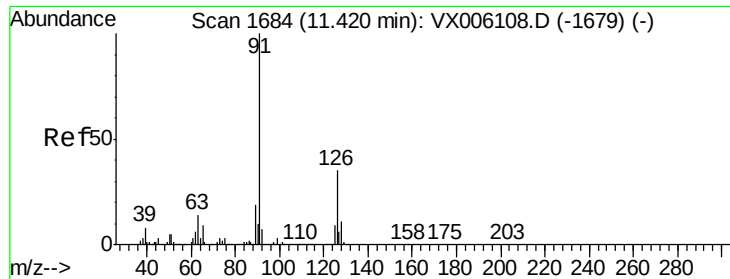
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





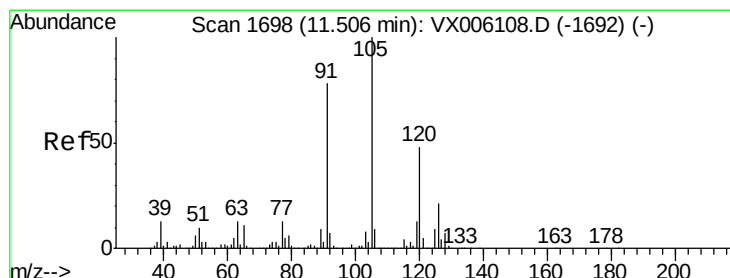
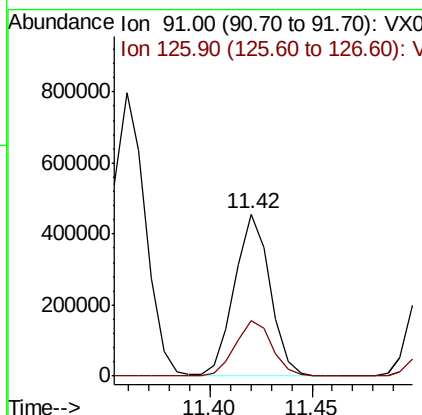
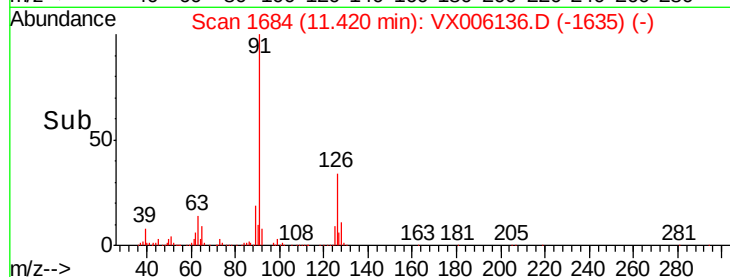
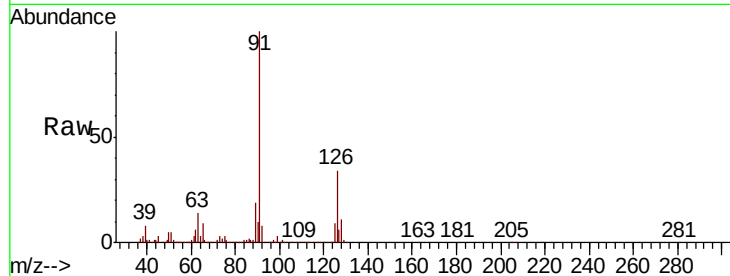
#79
2-Chlorotoluene
Concen: 52.160 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 549309
Ion Ratio Lower Upper
91 100
126 35.4 17.6 52.9

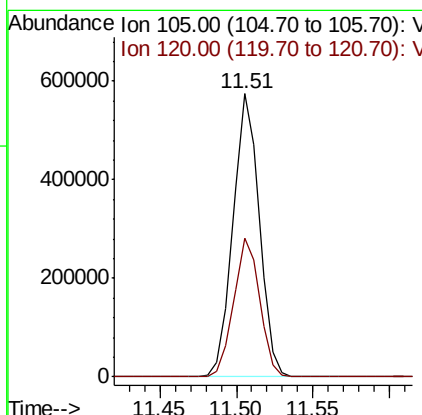
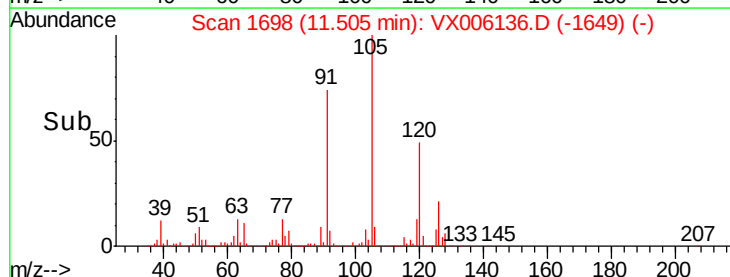
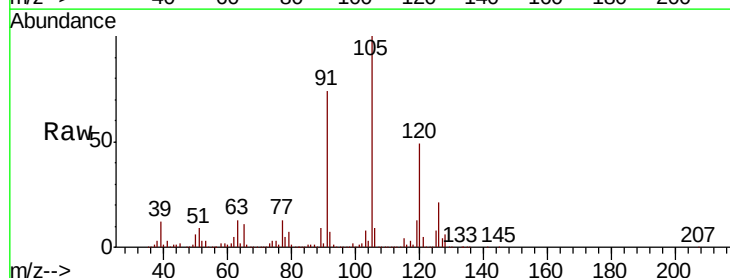
Manual Integrations
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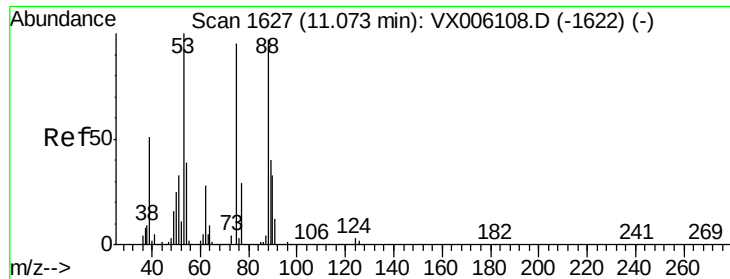
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 54.113 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion: 105 Resp: 681954
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0





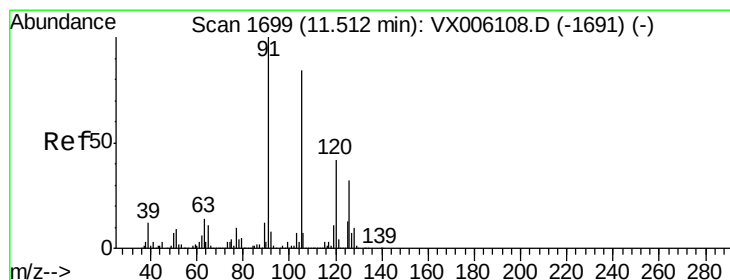
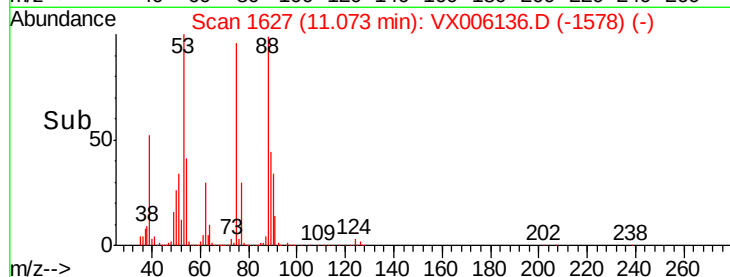
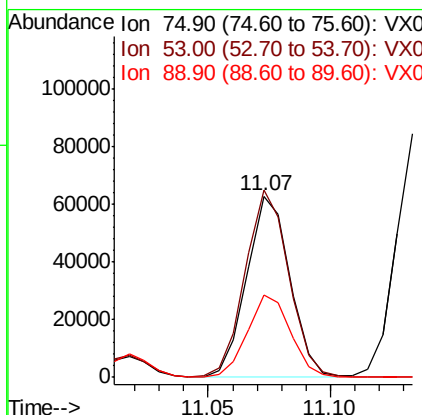
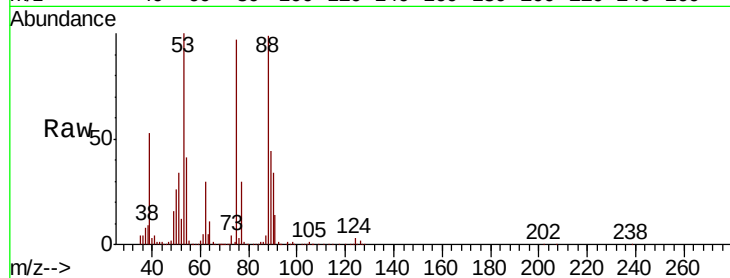
#81
trans-1,4-Dichloro-2-butene
Concen: 50.926 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	85.3	127.9
89	45.4	37.2	55.8

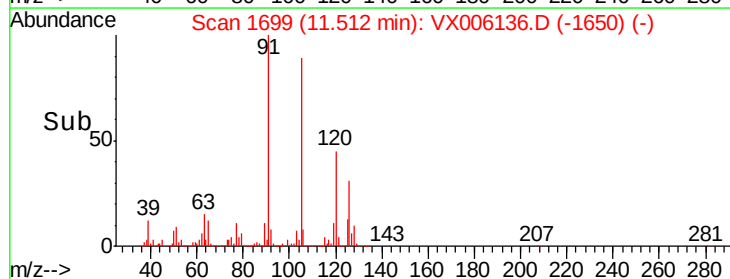
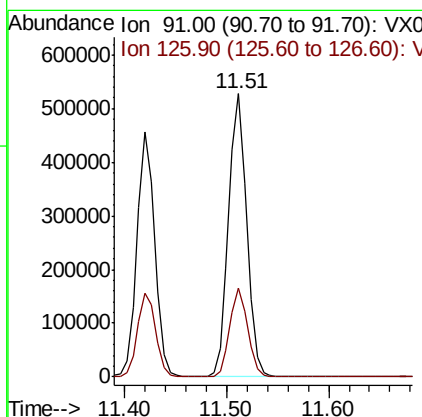
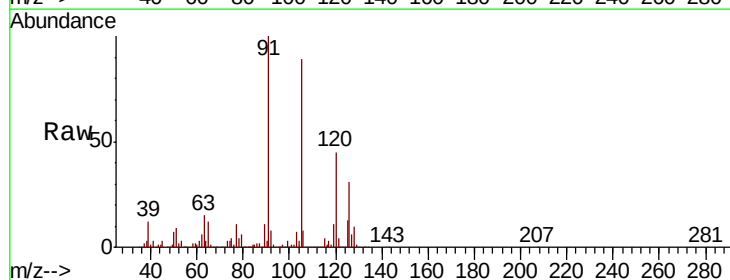
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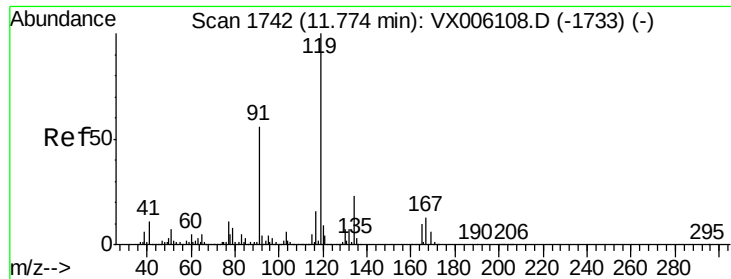
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.793 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.9





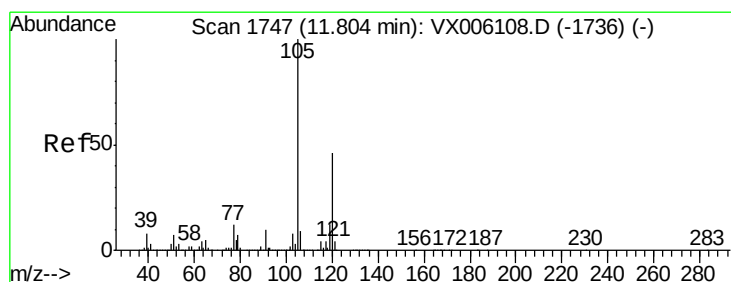
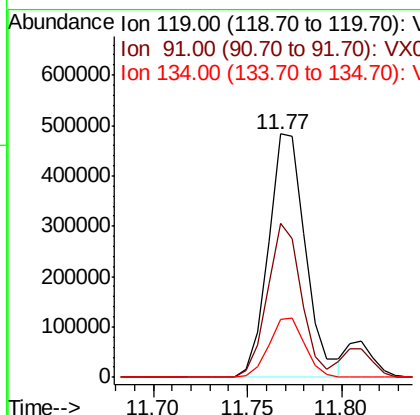
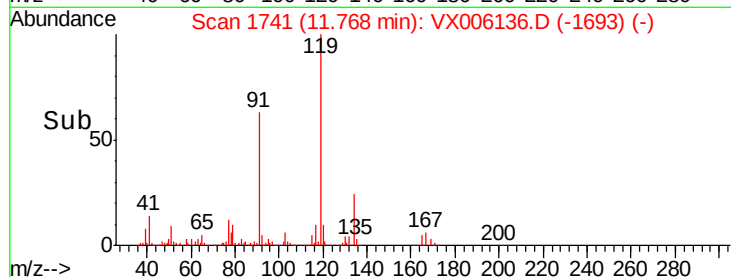
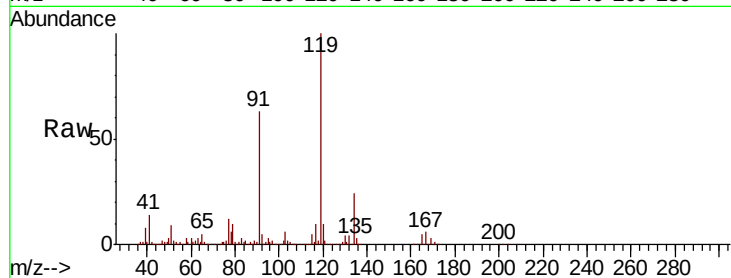
#83
 tert-Butylbenzene
 Concen: 53.743 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	28.2	84.6
134	23.4	11.5	34.4

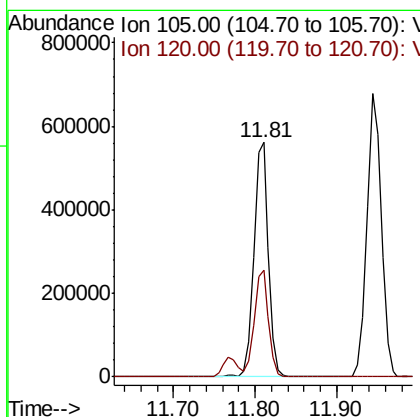
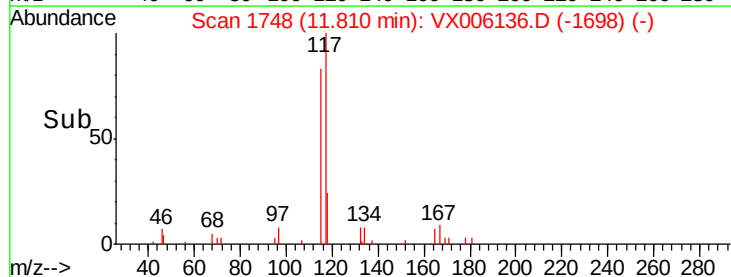
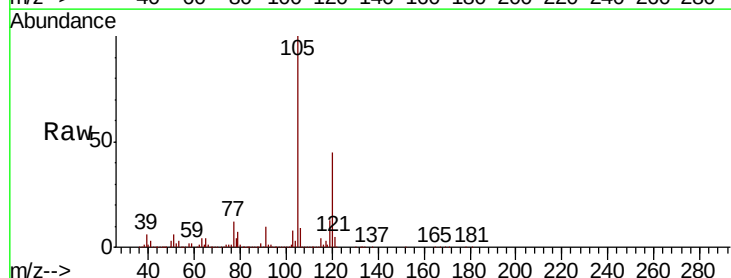
Manual Integrations
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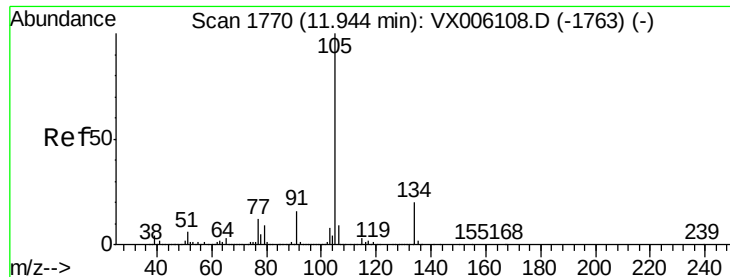
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.788 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.0





#85

sec-Butylbenzene

Concen: 54.092 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 814012

Ion Ratio Lower Upper

105 100

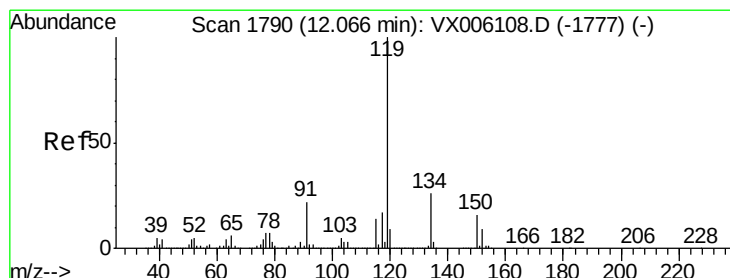
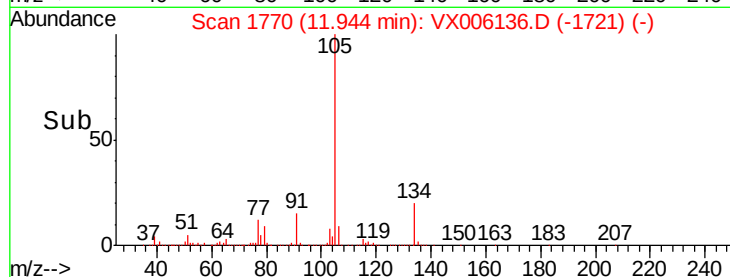
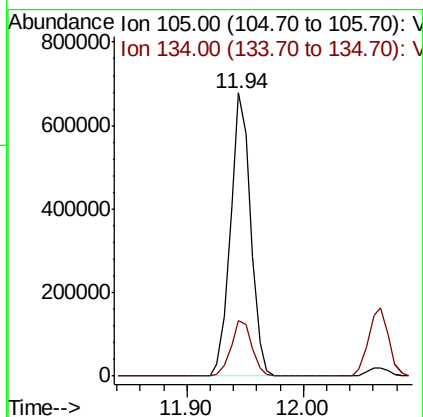
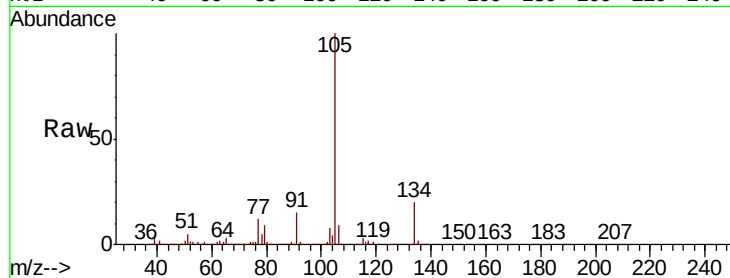
134 20.3 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 53.725 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

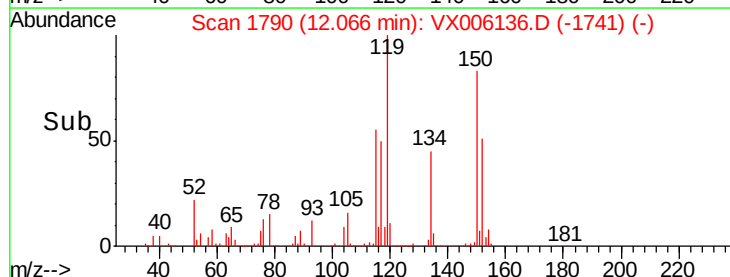
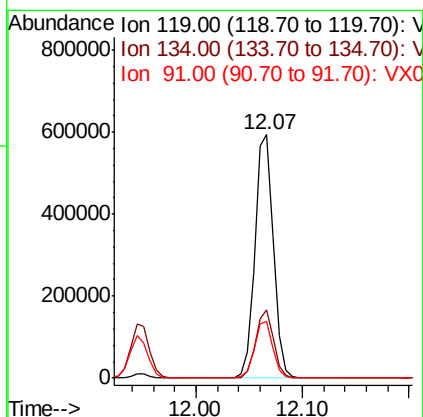
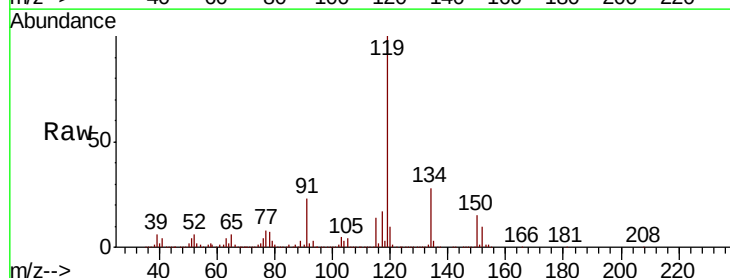
Tgt Ion:119 Resp: 720835

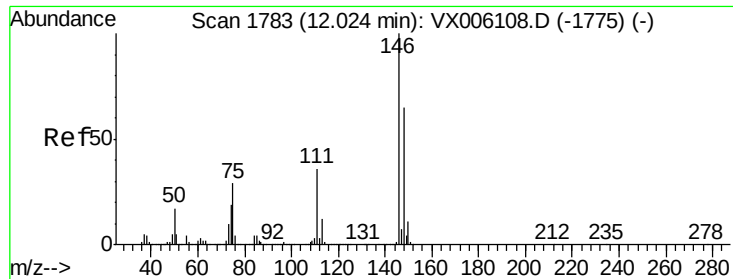
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 23.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.947 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

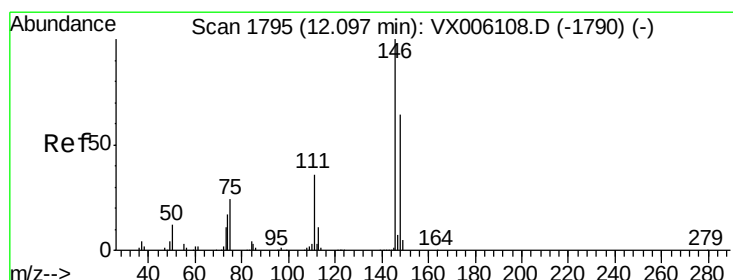
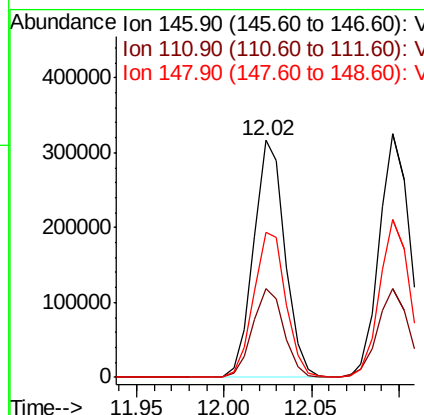
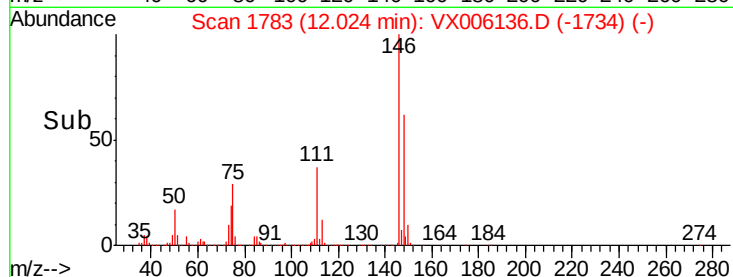
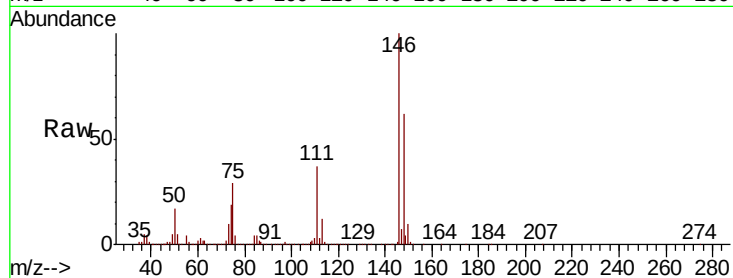
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	63.4	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 49.572 ug/l

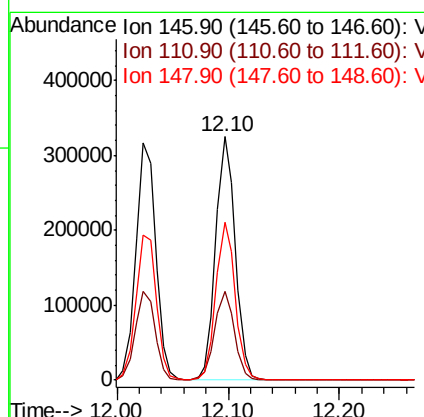
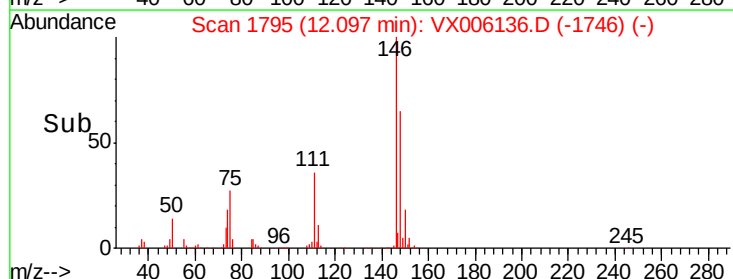
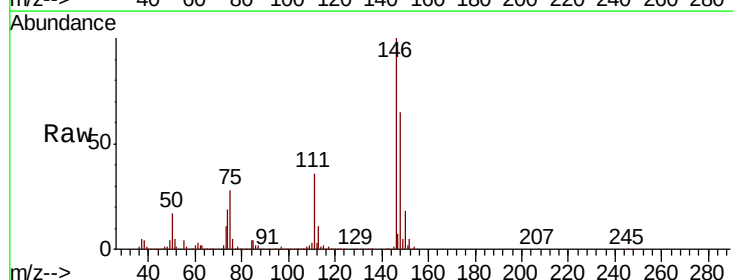
RT: 12.10 min Scan# 1795

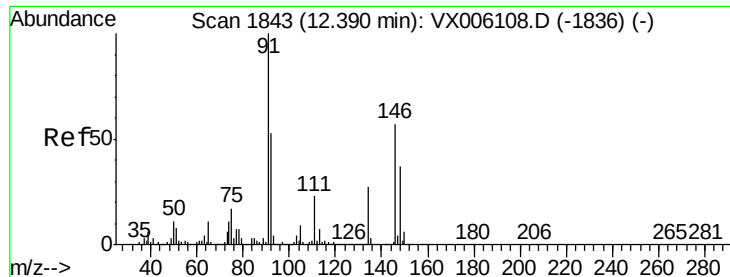
Delta R.T. -0.00 min

Lab File: VX006136.D

Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.9
148	63.8	32.2	96.6





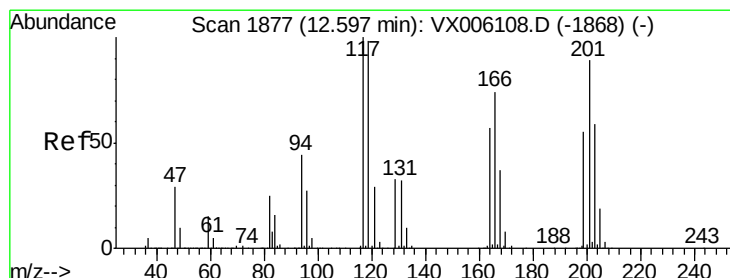
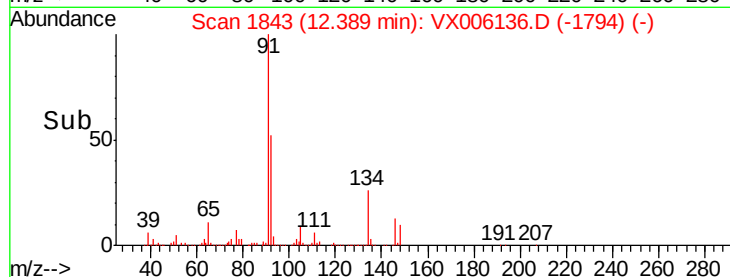
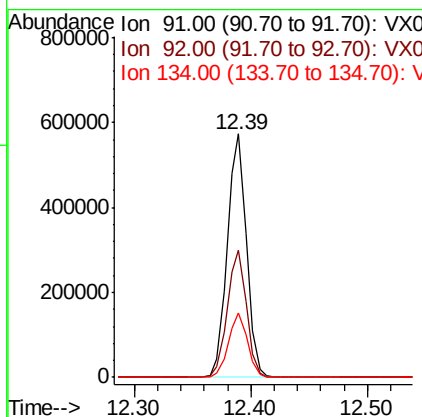
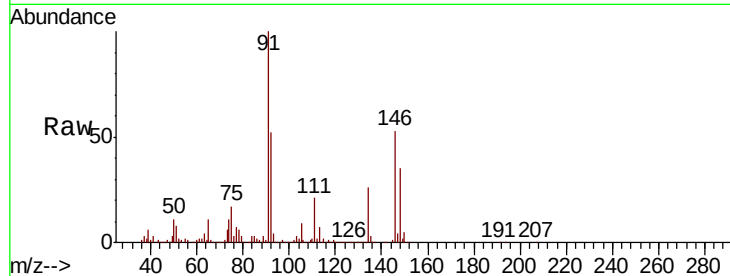
#89
n-Butylbenzene
Concen: 53.611 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	26.3	13.1	39.3

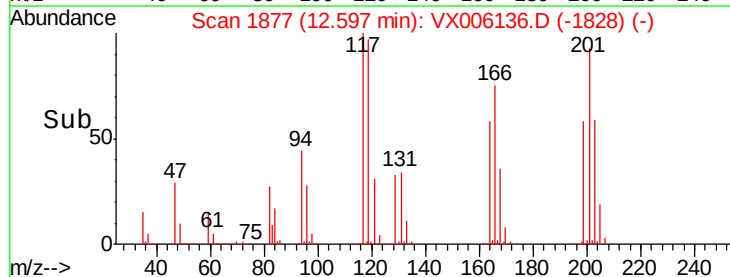
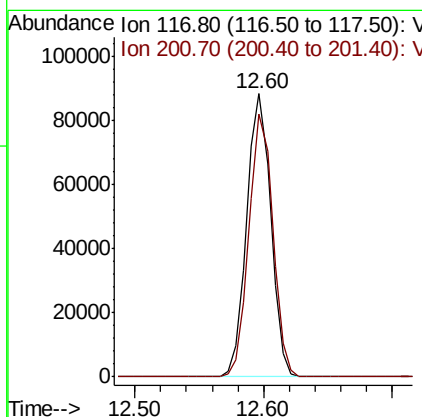
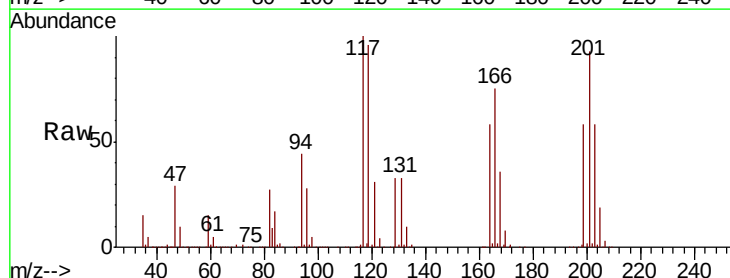
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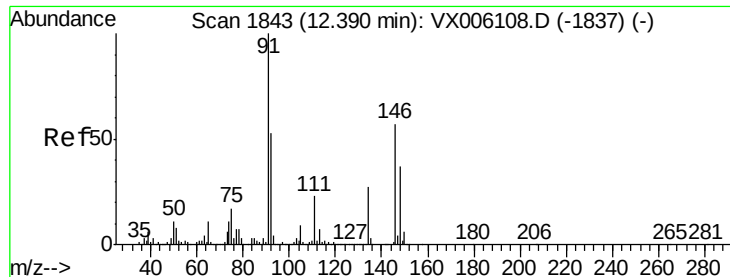
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#90
Hexachloroethane
Concen: 52.934 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	46.1	138.2





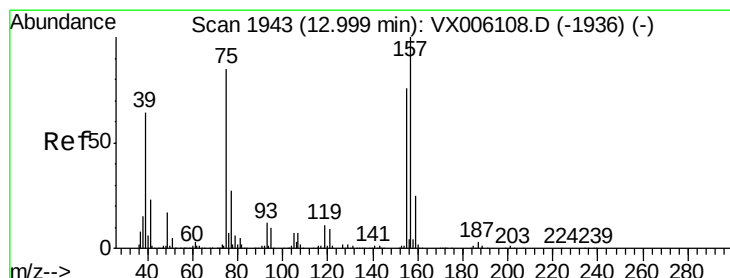
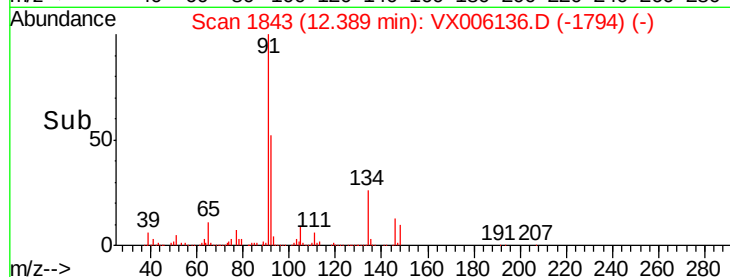
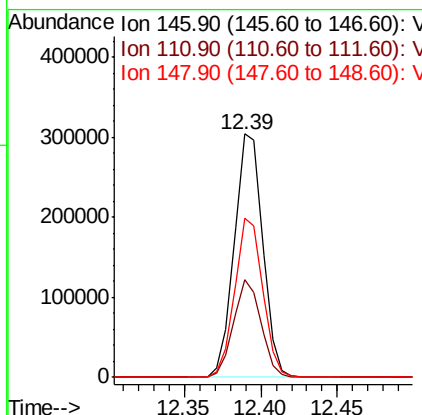
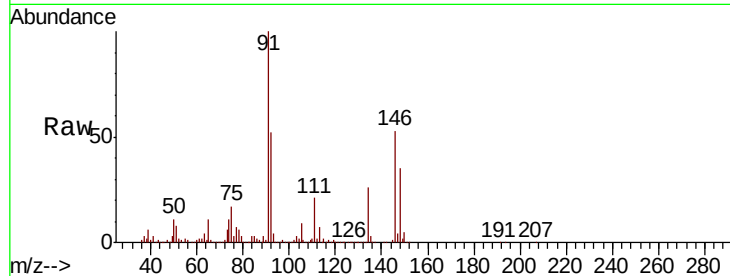
#91
 1,2-Dichlorobenzene
 Concen: 49.735 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	64.2	32.0	96.0

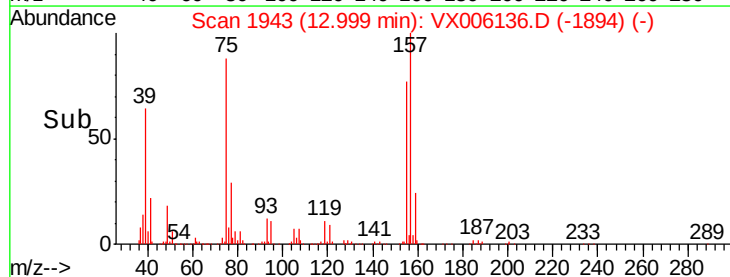
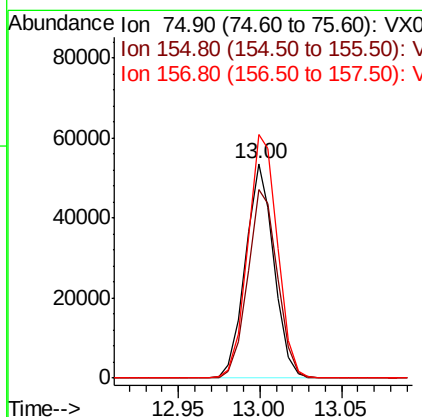
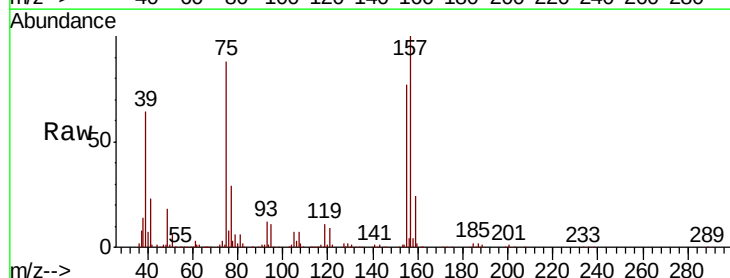
Manual Integrations
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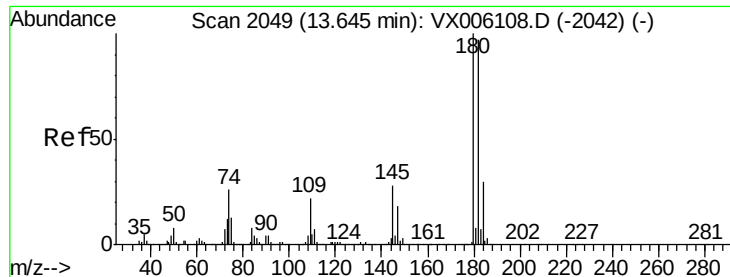
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.928 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006136.D
 Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	46.1	138.3
157	118.4	59.8	179.3





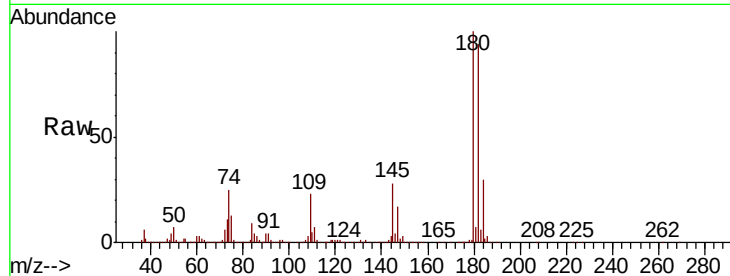
#93
1,2,4-Trichlorobenzene
Concen: 52.489 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	291862		
182	94.5	48.2	144.6	
145	28.0	14.1	42.2	

Manual Integrations
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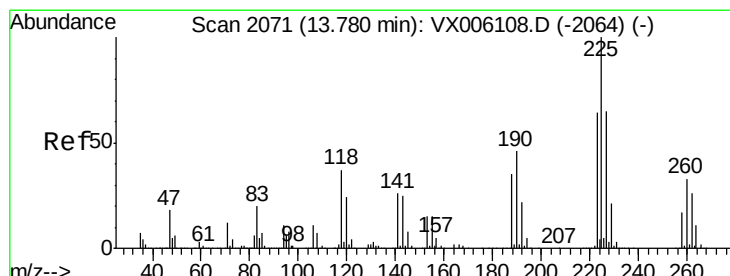
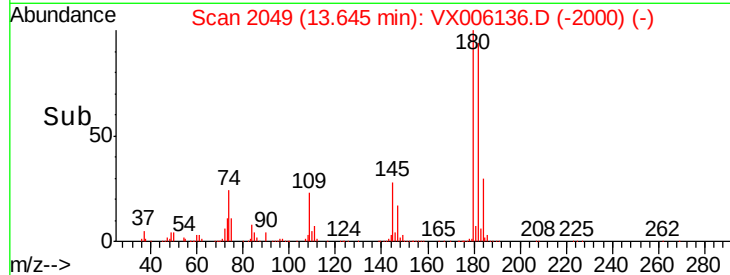
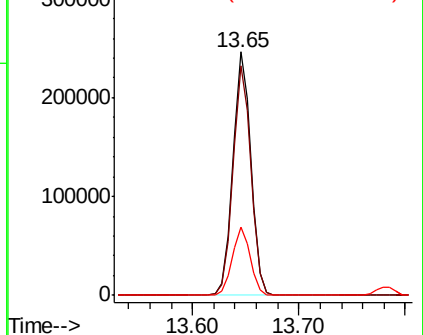


Abundance

Ion 179.80 (179.50 to 180.50): V

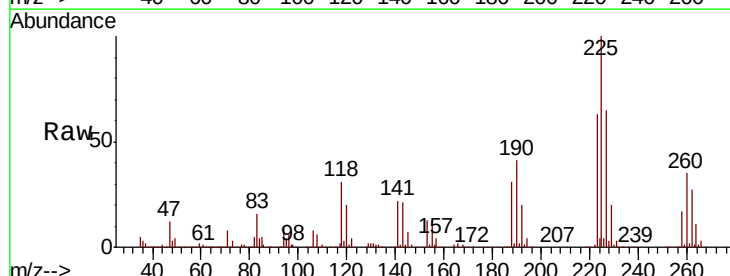
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 48.880 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132463		
223	63.1	31.2	93.6	
227	64.6	32.4	97.2	

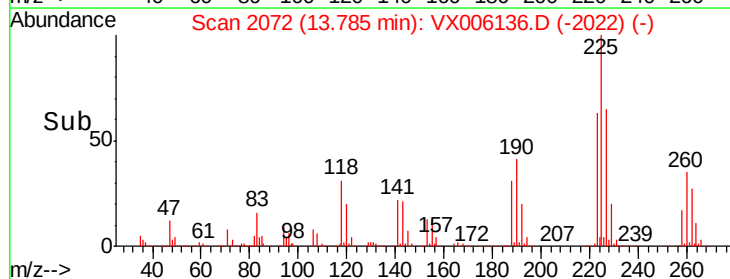
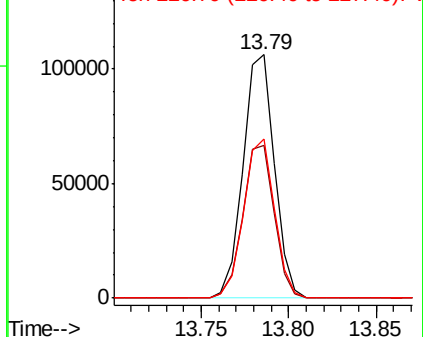


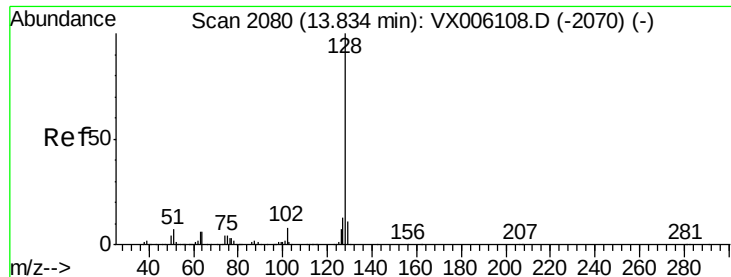
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





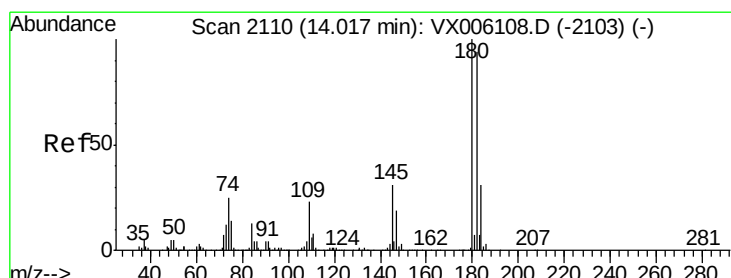
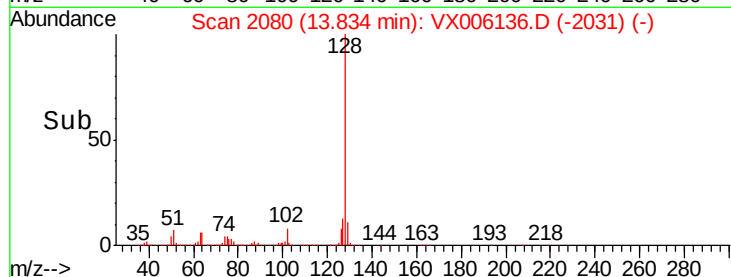
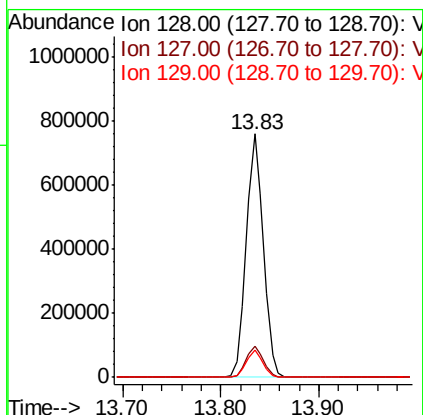
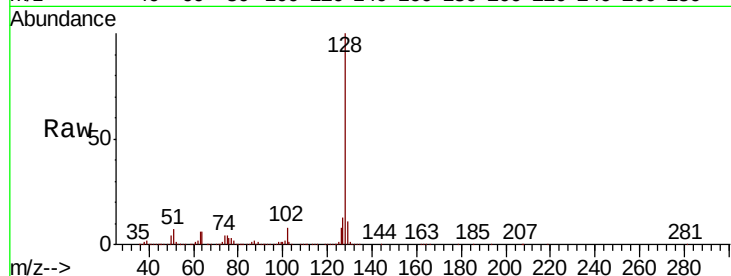
#95
Naphthalene
Concen: 56.203 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:52:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.017 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006136.D
Acq: 21 Nov 2018 20:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.5
145	29.6	15.0	45.0

