

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006536.D
 Acq On : 15 Dec 2018 01:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:31 PM

Quant Time: Dec 15 05:42:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	515916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	816721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	769478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291532	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	5.51	113	266815	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.71	98	952621	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	377085	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242837	48.072	ug/l	100
3) Chloromethane	1.32	50	259146	49.921	ug/l	100
4) Vinyl Chloride	1.41	62	275711	49.349	ug/l	97
5) Bromomethane	1.64	94	288013	74.384	ug/l	96
6) Chloroethane	1.71	64	178498	52.107	ug/l	100
7) Trichlorofluoromethane	1.93	101	442387	51.583	ug/l	98
8) Diethyl Ether	2.19	74	184522	56.850	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	261346	53.592	ug/l	98
10) Methyl Iodide	2.51	142	427871	58.220	ug/l	98
11) Tert butyl alcohol	3.07	59	367185	254.934	ug/l	99
12) 1,1-Dichloroethene	2.37	96	243207	52.097	ug/l	93
13) Acrolein	2.30	56	224405	285.058	ug/l	99
14) Allyl chloride	2.73	41	417396	45.262	ug/l	99
15) Acrylonitrile	3.15	53	820072	272.849	ug/l	100
16) Acetone	2.45	43	665236	269.150	ug/l	96
17) Carbon Disulfide	2.57	76	616856	42.881	ug/l	99
18) Methyl Acetate	2.78	43	449472	54.379	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	908589	54.558	ug/l	100
20) Methylene Chloride	2.85	84	289676	55.069	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	264708	53.209	ug/l	92
22) Diisopropyl ether	3.87	45	813343	56.466	ug/l	97
23) Vinyl Acetate	3.82	43	3368439	274.181	ug/l	99
24) 1,1-Dichloroethane	3.70	63	448863	54.520	ug/l	100
25) 2-Butanone	4.70	43	1003672	284.597	ug/l	100
26) 2,2-Dichloropropane	4.59	77	300590	39.561	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	316898	57.107	ug/l	95
28) Bromochloromethane	5.02	49	193107	53.699	ug/l	99
29) Tetrahydrofuran	5.15	42	689044	281.126	ug/l	97
30) Chloroform	5.21	83	496955	57.439	ug/l	99
31) Cyclohexane	5.57	56	405164	53.251	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	421880	51.249	ug/l	99
36) 1,1-Dichloropropene	5.80	75	353603	51.414	ug/l	99
37) Ethyl Acetate	4.85	43	401401	52.116	ug/l	99
38) Carbon Tetrachloride	5.78	117	366452	45.292	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	466220	52.223	ug/l	100
40) Benzene	6.14	78	1111949	53.981	ug/l	96
41) Methacrylonitrile	5.06	41	220695	52.074	ug/l	100
42) 1,2-Dichloroethane	6.20	62	385545	57.188	ug/l	100
43) Isopropyl Acetate	6.46	43	638116	49.692	ug/l	99
44) Trichloroethene	7.21	130	323336	51.814	ug/l	95
45) 1,2-Dichloropropane	7.52	63	278199	53.139	ug/l	99
46) Dibromomethane	7.66	93	207394	54.851	ug/l	96
47) Bromodichloromethane	7.90	83	357092	48.769	ug/l	99
48) Methyl methacrylate	7.77	41	325322	52.074	ug/l	97
49) 1,4-Dioxane	7.75	88	168133	1091.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2019335	270.123	ug/l	98
52) Toluene	8.79	92	737168	54.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	395465	46.182	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	430810	48.450	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	318119	57.781	ug/l	98
56) Ethyl methacrylate	9.18	69	469501	54.548	ug/l	98
57) 1,3-Dichloropropane	9.37	76	498478	57.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1070884	245.185	ug/l	100
59) 2-Hexanone	9.49	43	1510315	264.439	ug/l	98
60) Dibromochloromethane	9.59	129	328762	48.426	ug/l	99
61) 1,2-Dibromoethane	9.67	107	345882	56.185	ug/l	100
64) Tetrachloroethene	9.34	164	312989	54.011	ug/l	98
65) Chlorobenzene	10.14	112	879822	53.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	309641	48.790	ug/l	100
67) Ethyl Benzene	10.25	91	1414531	52.068	ug/l	100
68) m/p-Xylenes	10.36	106	1146720	105.374	ug/l	99
69) o-Xylene	10.70	106	568659	52.902	ug/l	100
70) Styrene	10.71	104	924979	53.204	ug/l	99
71) Bromoform	10.86	173	243985	40.726	ug/l	100
73) Isopropylbenzene	11.02	105	1482804	52.208	ug/l	100
74) N-amyl acetate	10.90	43	574478	46.971	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	470963	51.832	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	430634m	54.248	ug/l	
77) Bromobenzene	11.26	156	412022	52.274	ug/l	99
78) n-propylbenzene	11.36	91	1661469	52.626	ug/l	100
79) 2-Chlorotoluene	11.42	91	984929	52.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1231773	52.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125383	37.066	ug/l	86
82) 4-Chlorotoluene	11.51	91	1131649	51.870	ug/l	100
83) tert-Butylbenzene	11.77	119	1262174	50.060	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1281283	52.509	ug/l	100
85) sec-Butylbenzene	11.94	105	1513920	52.780	ug/l	100
86) p-Isopropyltoluene	12.06	119	1353256	52.393	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	735901	52.471	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	733893	51.556	ug/l	99
89) n-Butylbenzene	12.39	91	1138376	51.654	ug/l	100
90) Hexachloroethane	12.60	117	213807	40.615	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	730081	52.451	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	100710	43.238	ug/l	95

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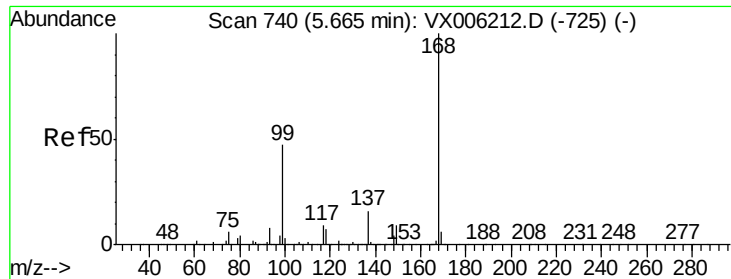
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	516011	50.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	227609	50.682	ug/l	98
95) Naphthalene	13.83	128	1678652	53.142	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	520595	51.758	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: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 515916

Ion Ratio Lower Upper

168 100

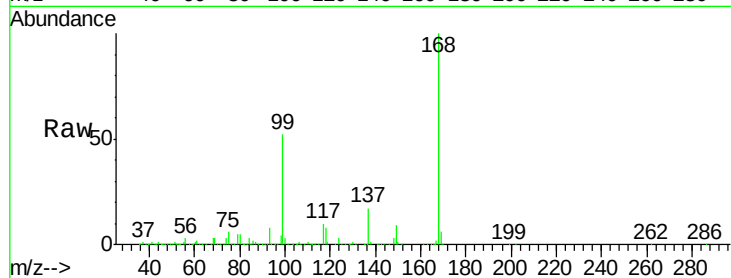
99 51.9 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

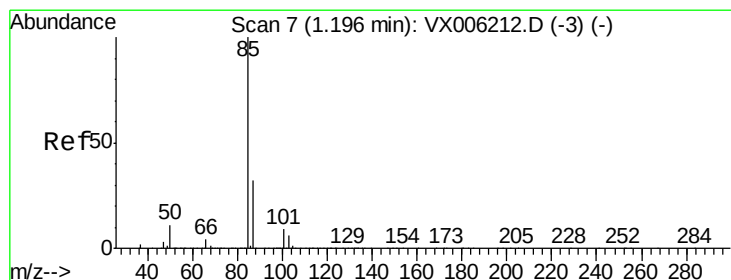
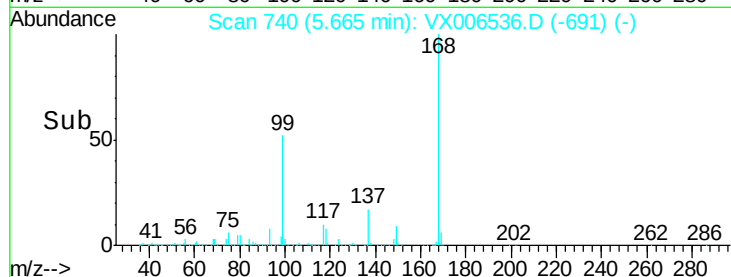
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.072 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006536.D

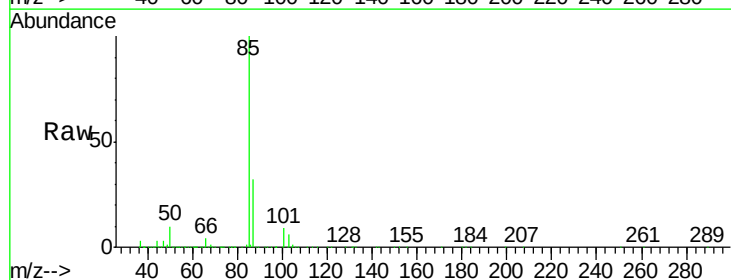
Acq: 15 Dec 2018 01:02

Tgt Ion: 85 Resp: 242837

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

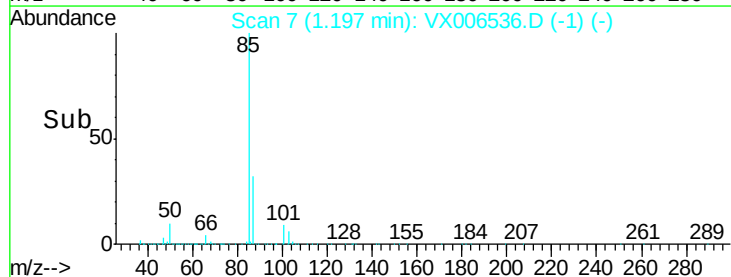
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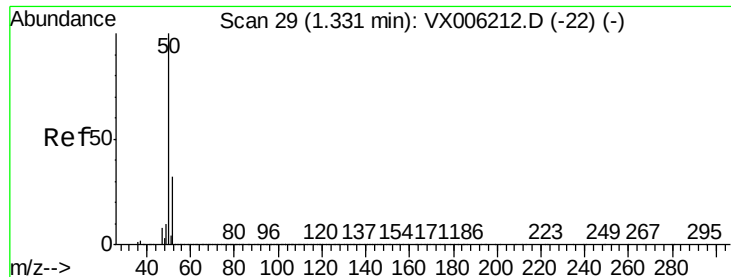
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.921 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 259146

Ion Ratio Lower Upper

50 100

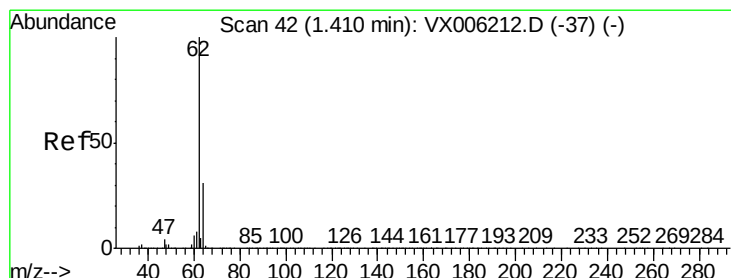
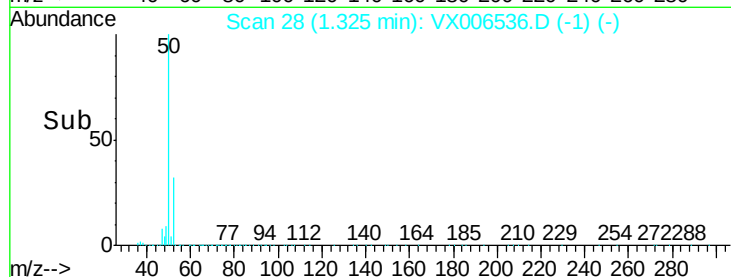
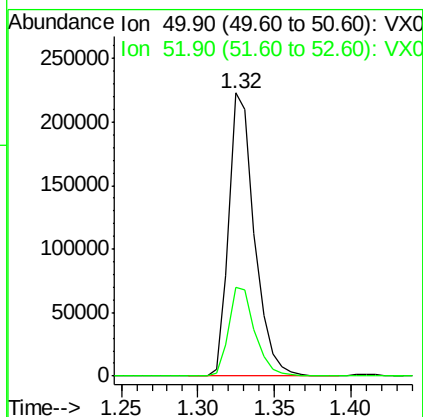
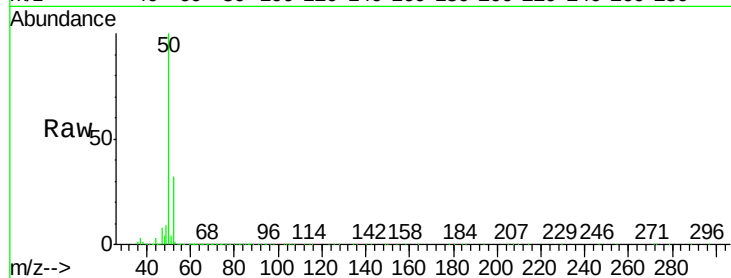
52 31.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.349 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006536.D

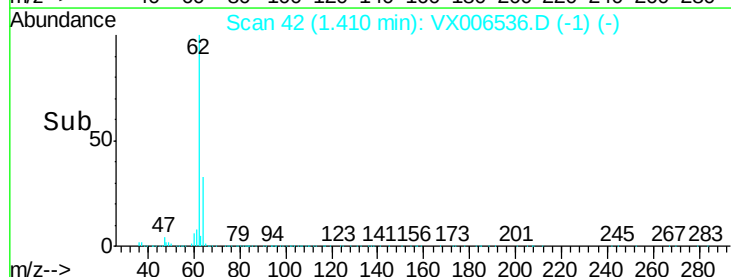
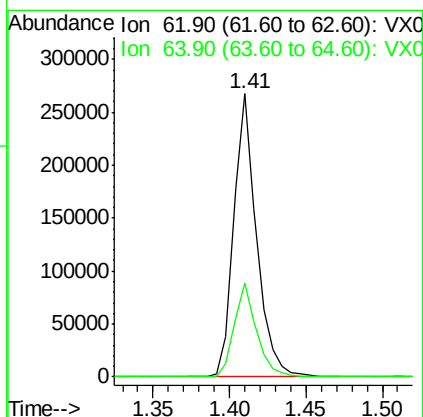
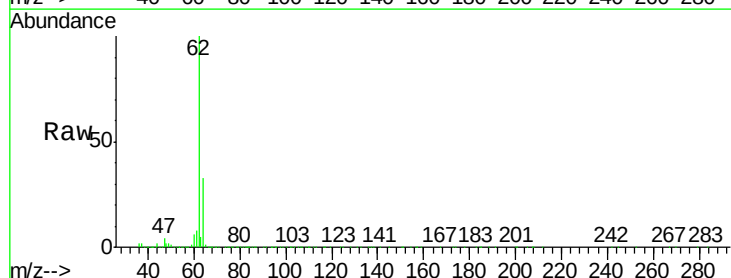
Acq: 15 Dec 2018 01:02

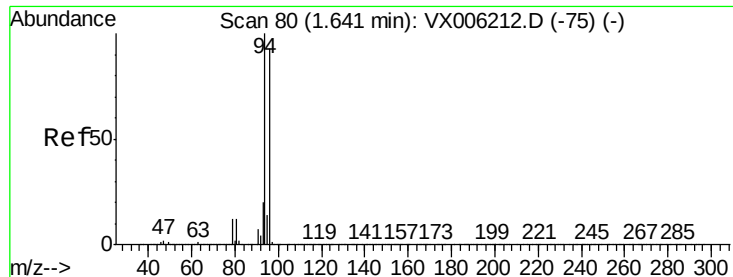
Tgt Ion: 62 Resp: 275711

Ion Ratio Lower Upper

62 100

64 32.9 24.9 37.3





#5

Bromomethane

Concen: 74.384 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 288013

Ion Ratio Lower Upper

94 100

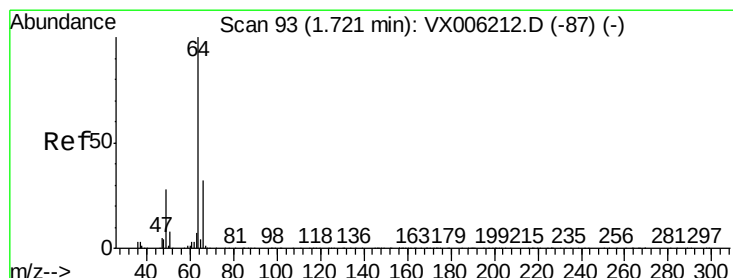
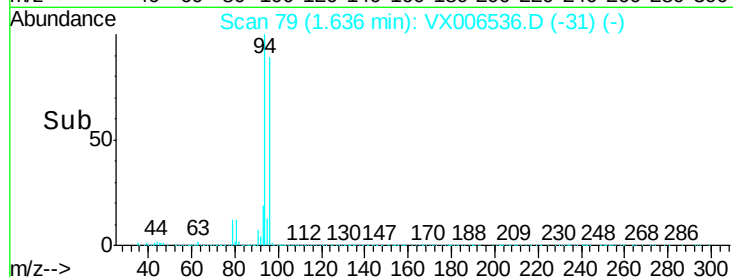
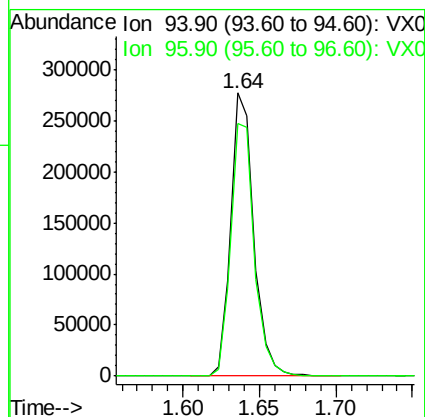
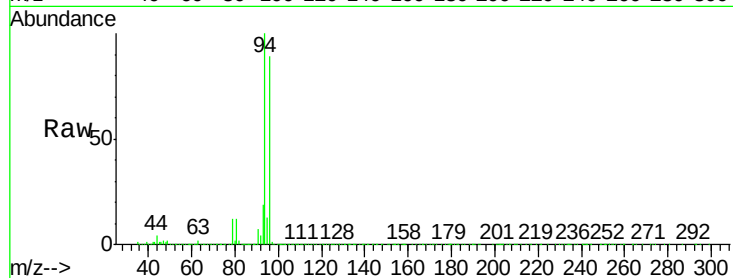
96 89.4 74.5 111.7

Manual Integrations

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12/17/2018 12:12:31 PM



#6

Chloroethane

Concen: 52.107 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006536.D

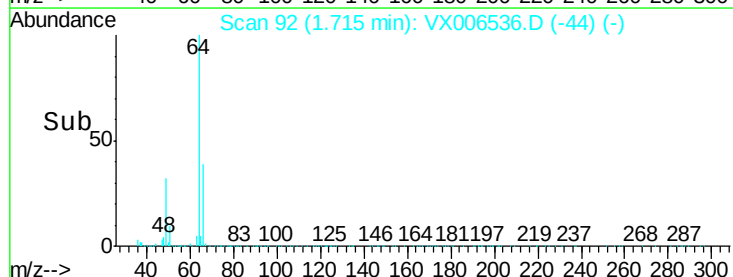
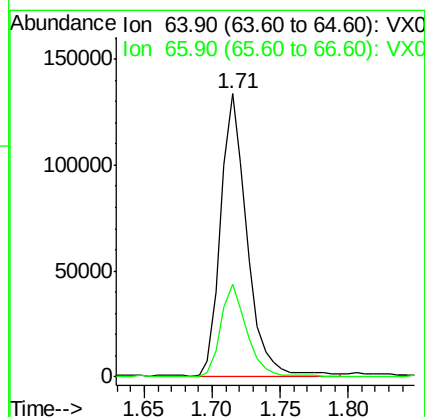
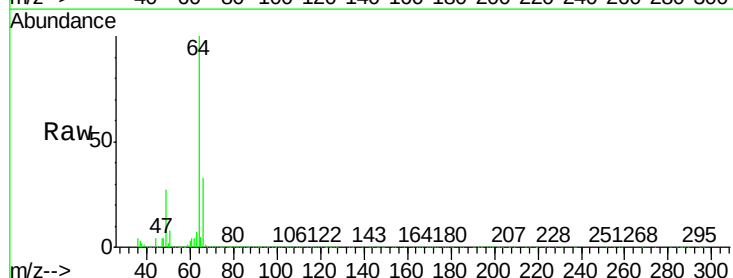
Acq: 15 Dec 2018 01:02

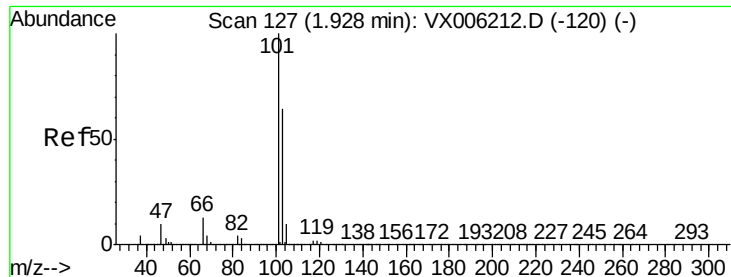
Tgt Ion: 64 Resp: 178498

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9





#7

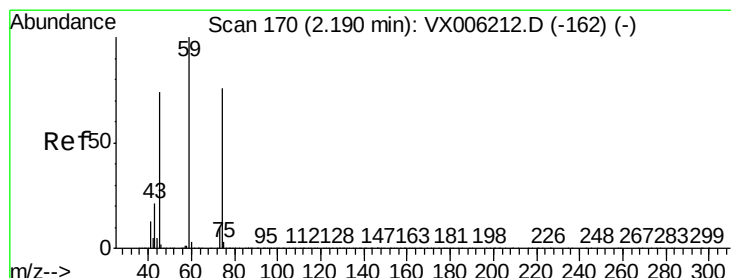
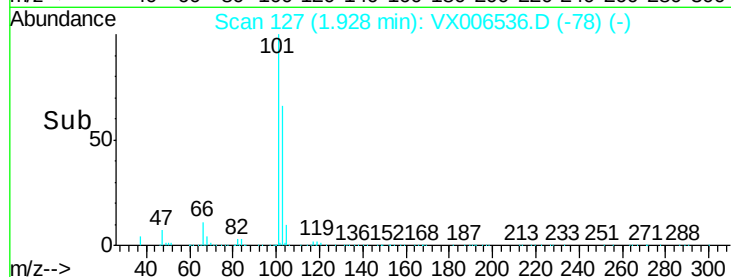
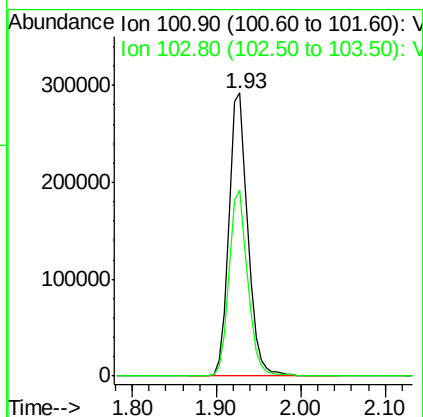
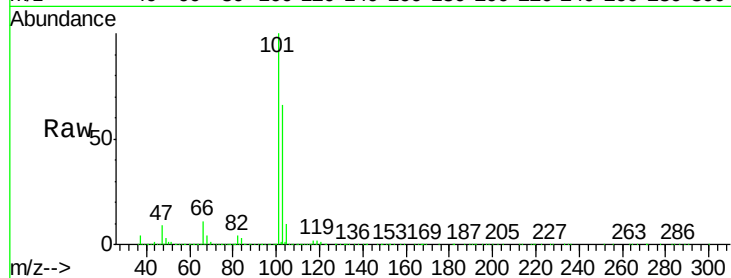
Trichlorofluoromethane
Concen: 51.583 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.0	76.4

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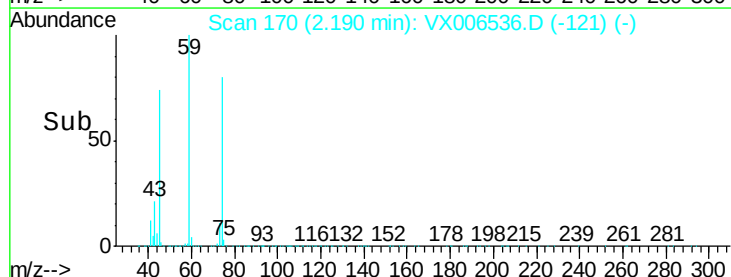
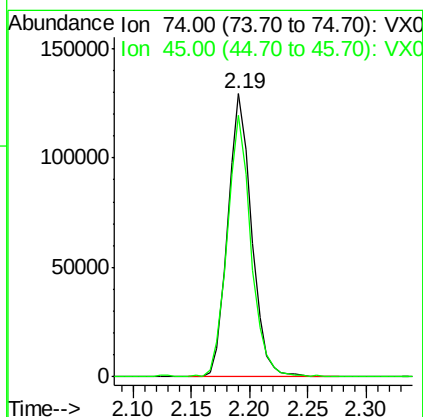
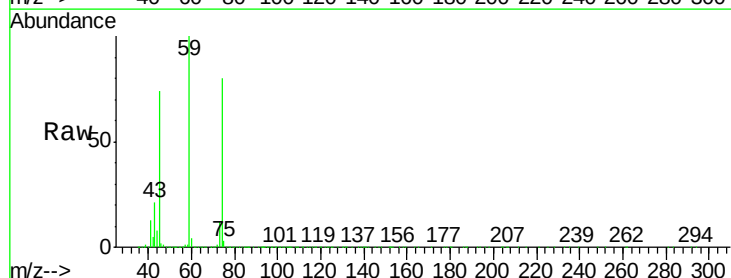
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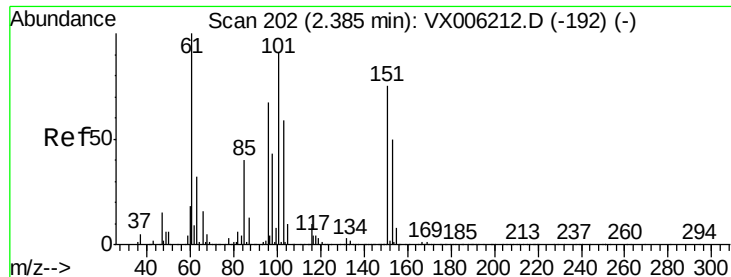


#8

Diethyl Ether
Concen: 56.850 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.592 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

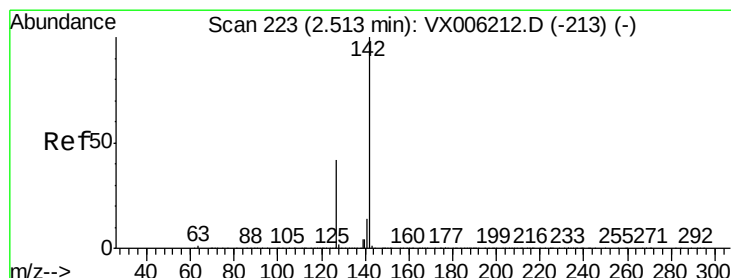
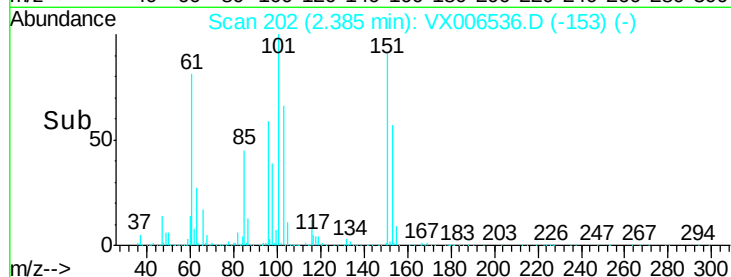
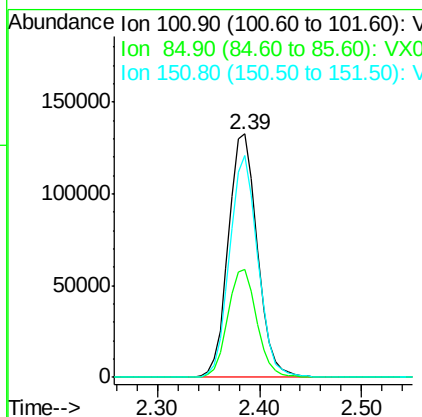
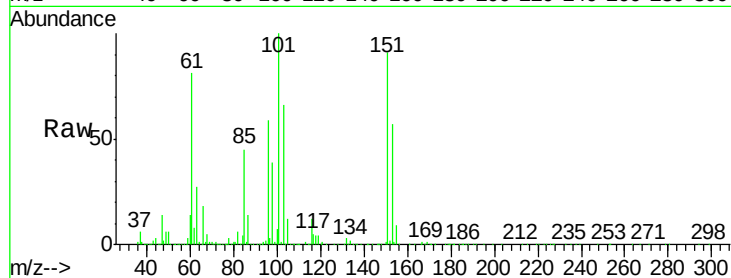
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	261346
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	88.6	68.6	103.0

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#10

Methyl Iodide

Concen: 58.220 ug/l

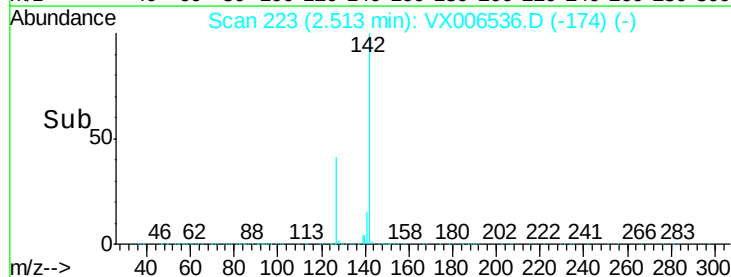
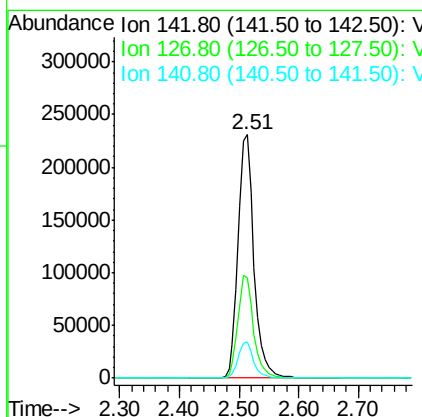
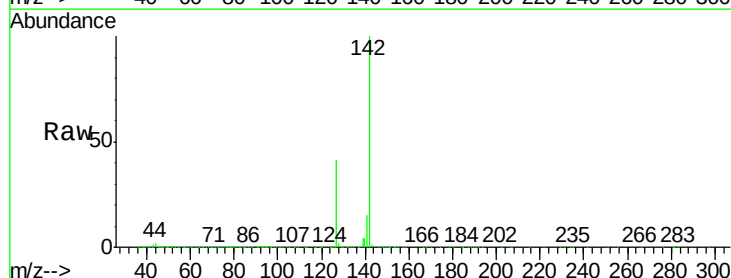
RT: 2.51 min Scan# 223

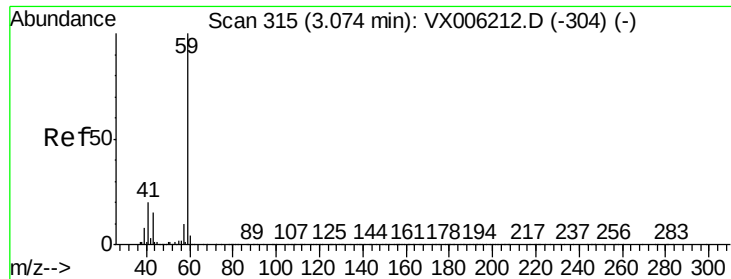
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	142	Resp:	427871
Ion Ratio	Lower	Upper	
142	100		
127	41.5	34.8	52.2
141	14.3	11.4	17.2





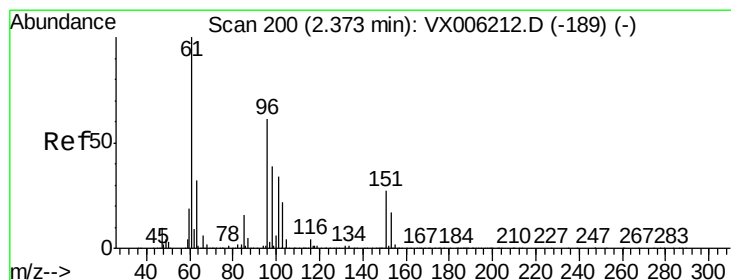
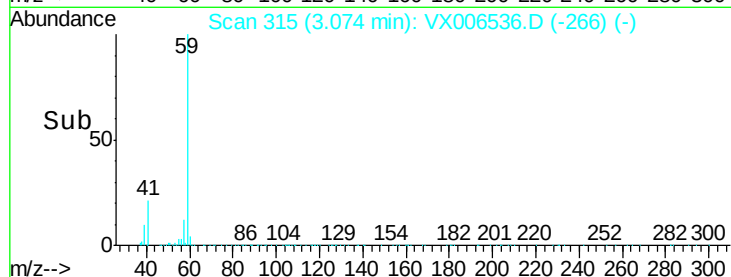
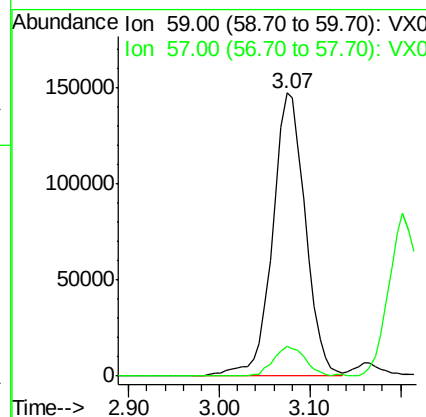
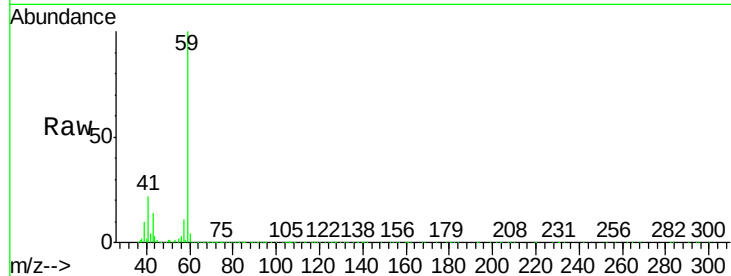
#11
Tert butyl alcohol
Concen: 254.934 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 367185
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

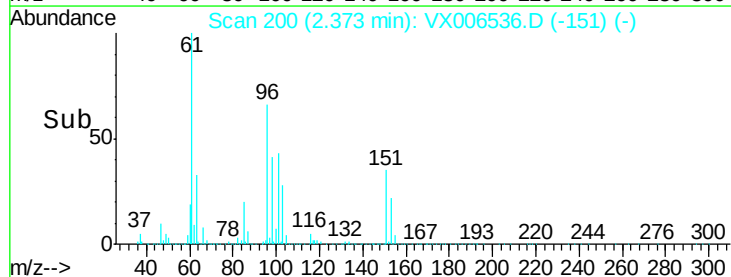
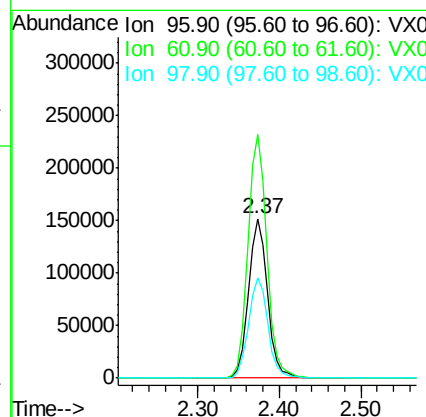
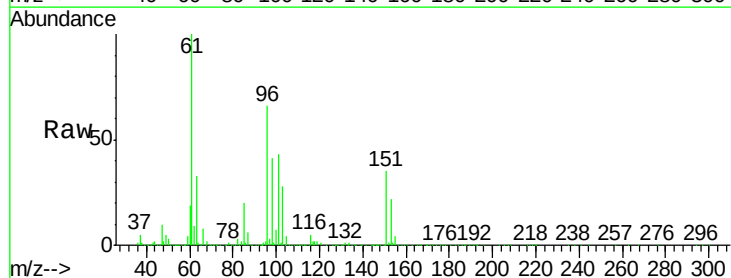
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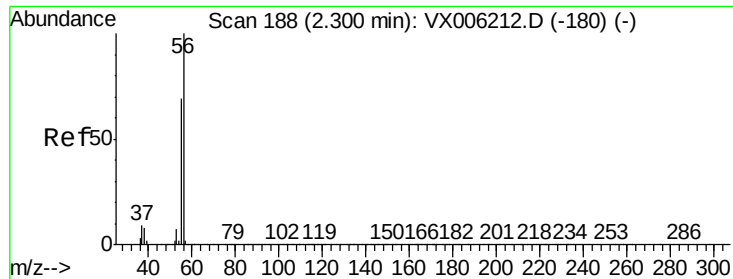
MMDadoda
12/17/2018 12:12:31 PM



#12
1,1-Dichloroethene
Concen: 52.097 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 96 Resp: 243207
Ion Ratio Lower Upper
96 100
61 152.3 131.7 197.5
98 63.0 51.8 77.6





#13

Acrolein

Concen: 285.058 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 224405

Ion Ratio Lower Upper

56 100

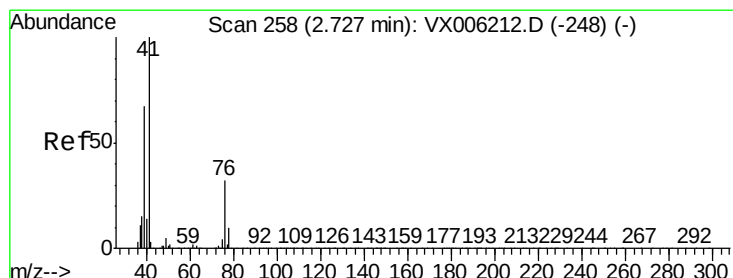
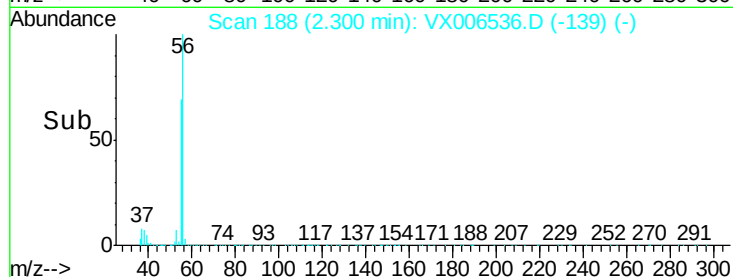
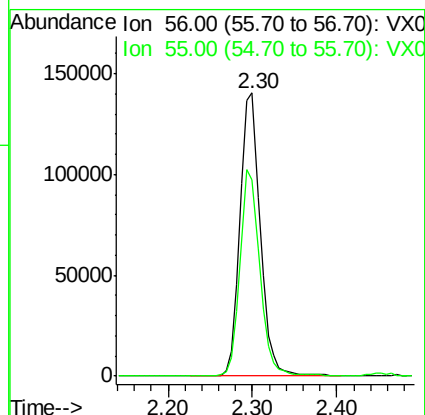
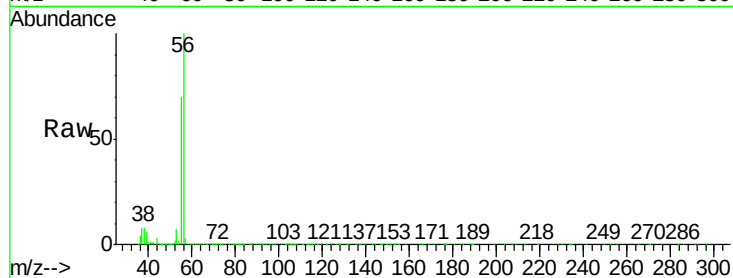
55 71.2 57.8 86.6

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#14

Allyl chloride

Concen: 45.262 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

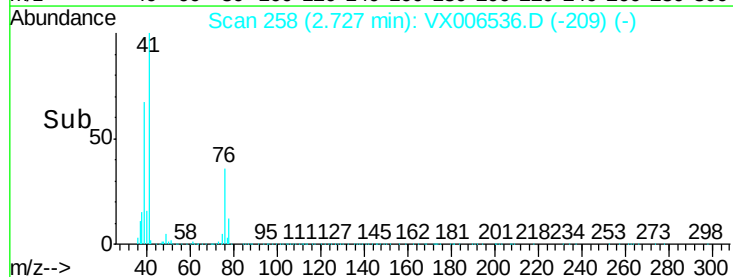
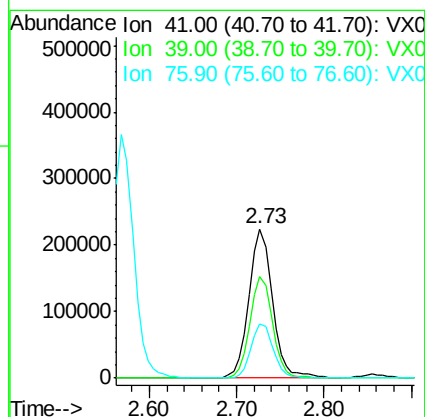
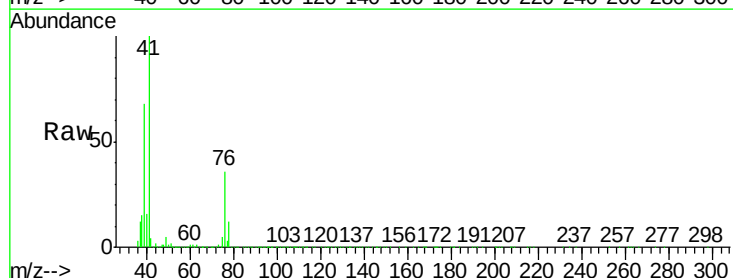
Tgt Ion: 41 Resp: 417396

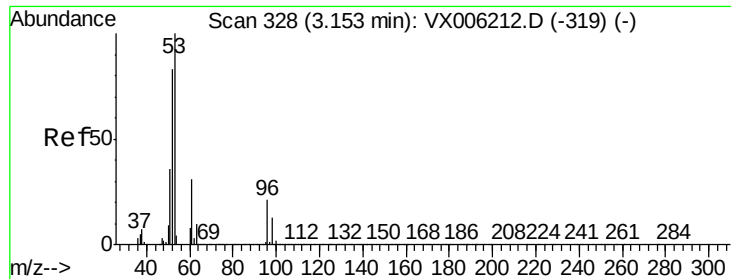
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 34.1 25.4 38.0





#15

Acrylonitrile

Concen: 272.849 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

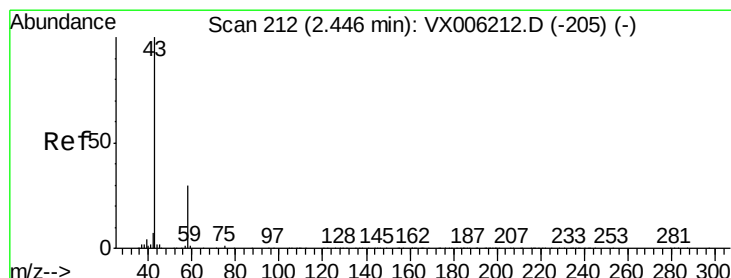
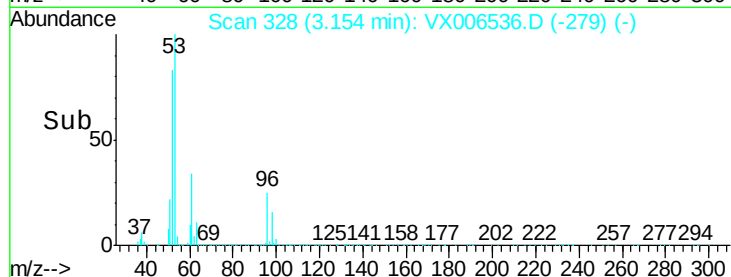
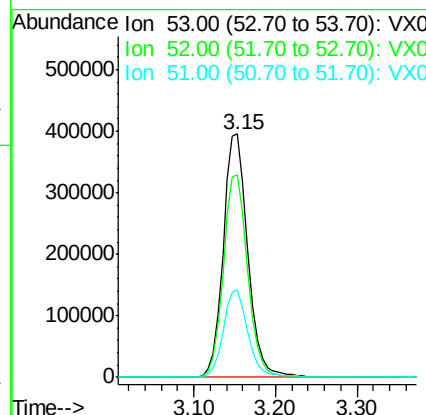
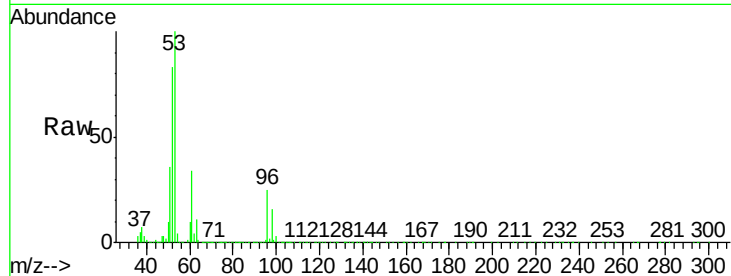
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	820072
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.2	99.4
51	35.8	28.7	43.1

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#16

Acetone

Concen: 269.150 ug/l

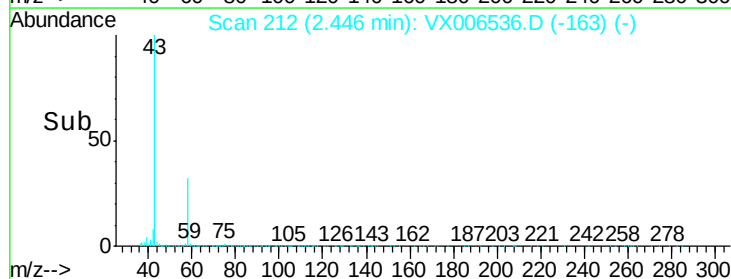
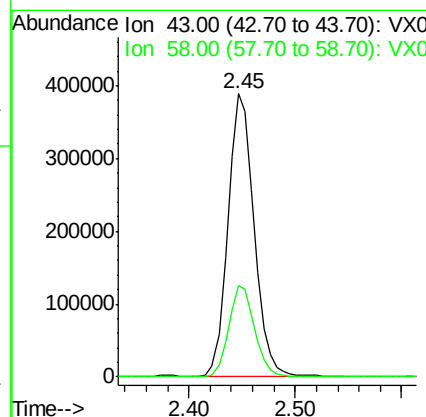
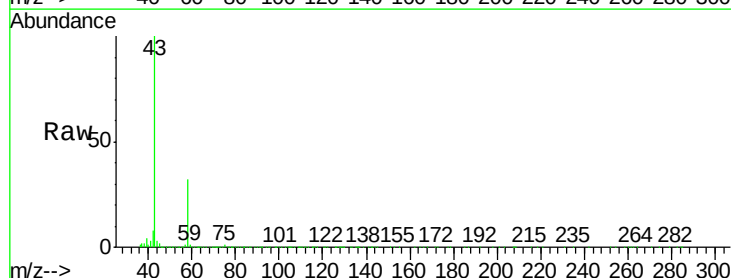
RT: 2.45 min Scan# 212

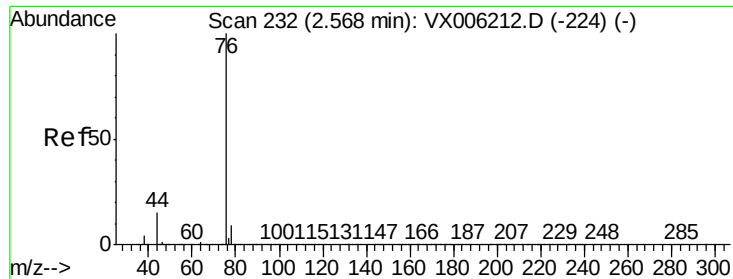
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	43	Resp:	665236
Ion Ratio		Lower	Upper
43	100		
58	32.3	24.0	36.0





#17

Carbon Disulfide

Concen: 42.881 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 616856

Ion Ratio Lower Upper

76 100

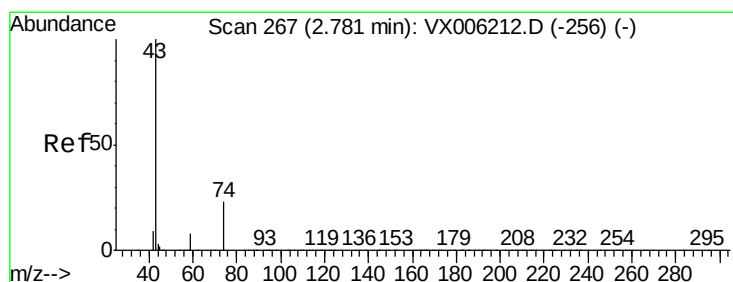
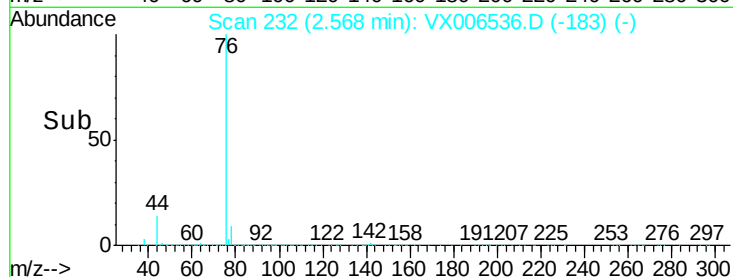
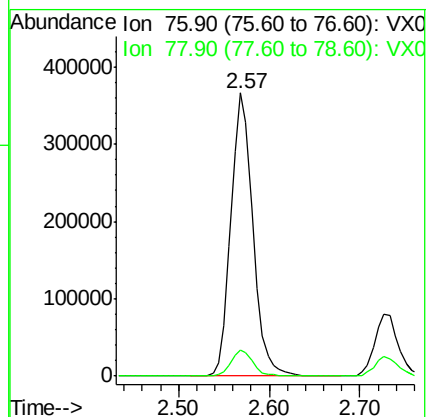
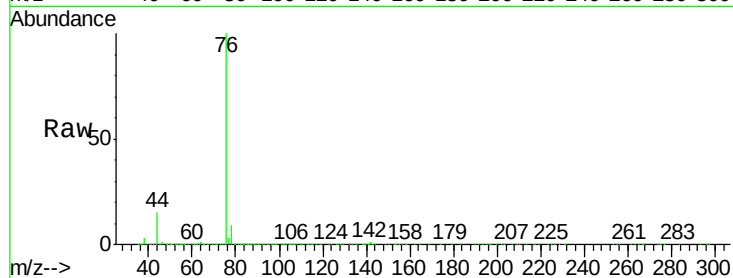
78 9.1 7.1 10.7

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#18

Methyl Acetate

Concen: 54.379 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006536.D

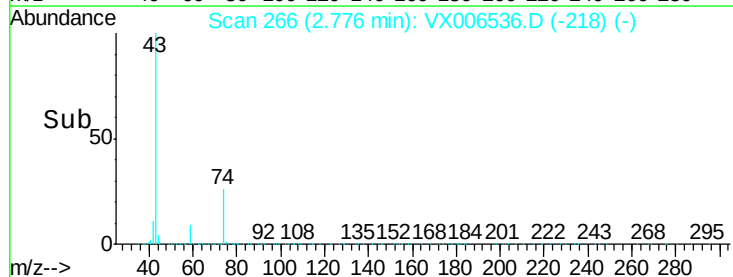
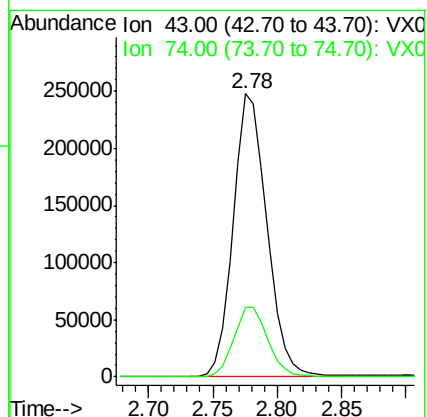
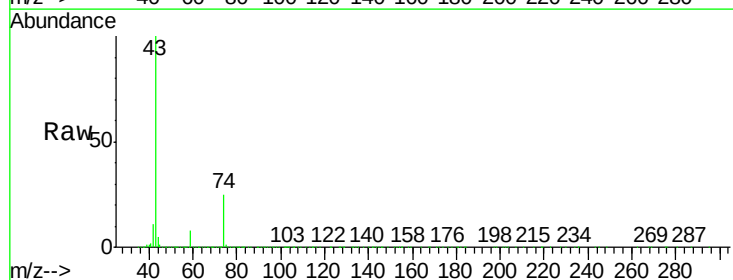
Acq: 15 Dec 2018 01:02

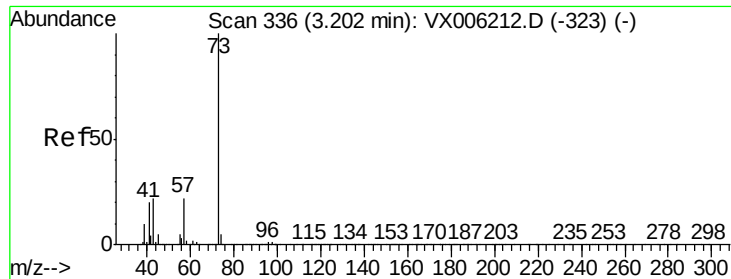
Tgt Ion: 43 Resp: 449472

Ion Ratio Lower Upper

43 100

74 24.5 17.9 26.9





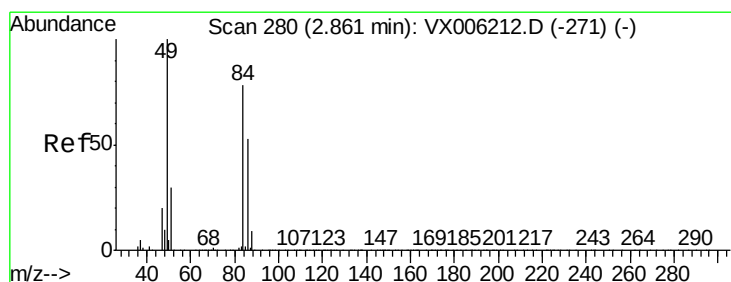
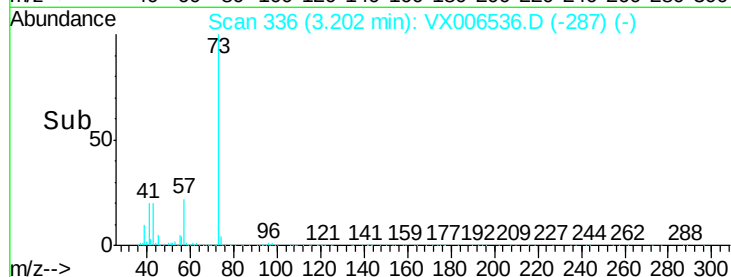
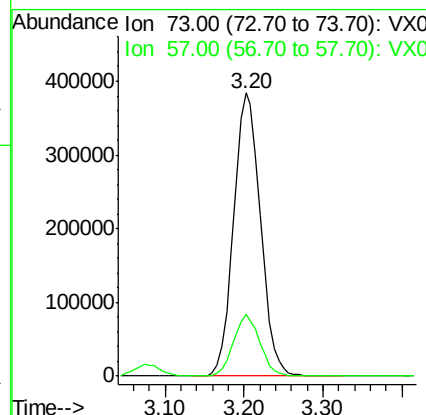
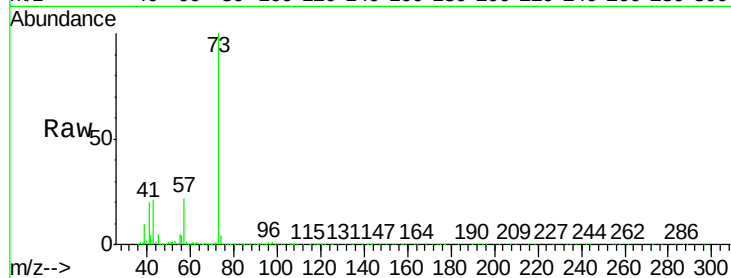
#19
Methyl tert-butyl Ether
Concen: 54.558 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 908589
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3

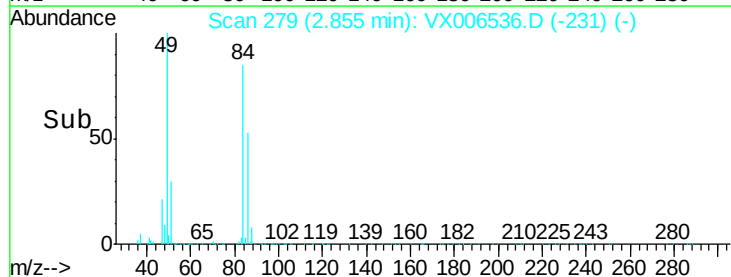
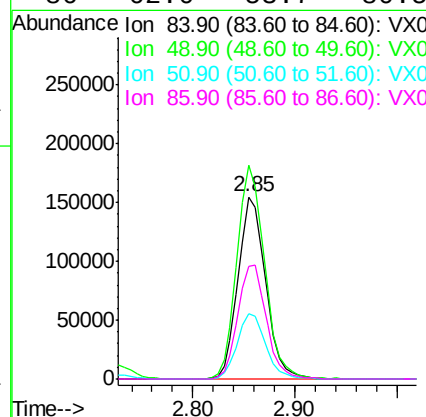
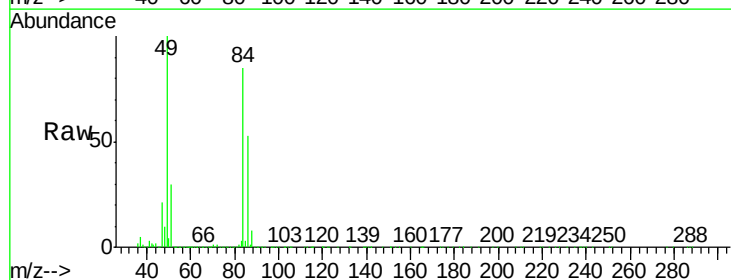
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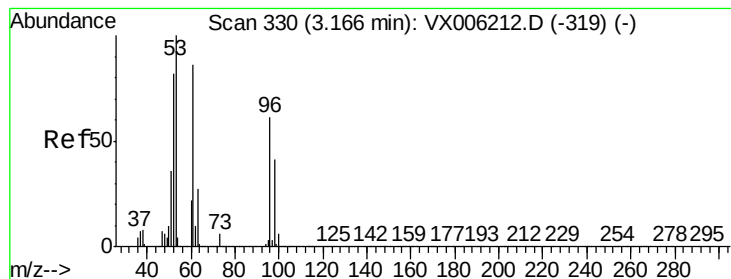
MMDadoda
12/17/2018 12:12:31 PM



#20
Methylene Chloride
Concen: 55.069 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 84 Resp: 289676
Ion Ratio Lower Upper
84 100
49 117.2 102.2 153.4
51 35.6 31.1 46.7
86 62.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 53.209 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

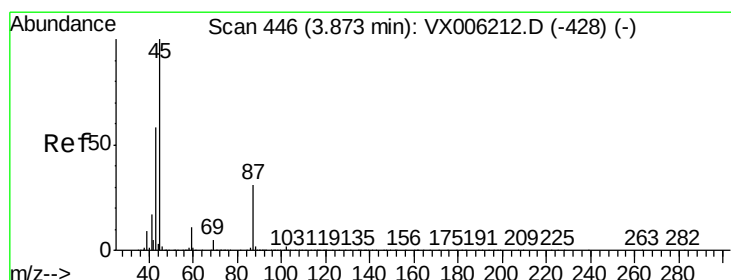
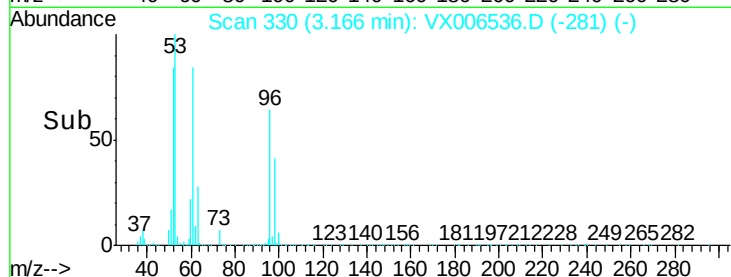
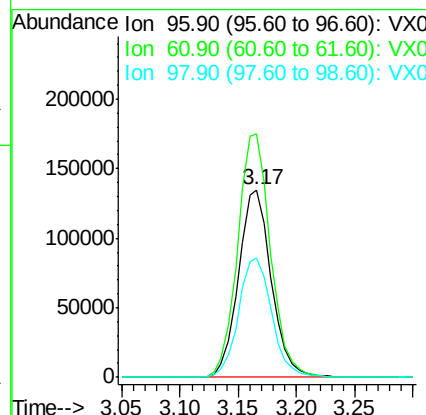
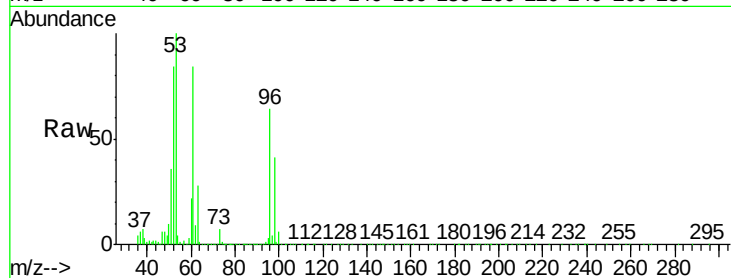
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	264708
Ion Ratio	Lower	Upper	
96	100		
61	129.8	113.3	169.9
98	63.6	53.2	79.8

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#22

Diisopropyl ether

Concen: 56.466 ug/l

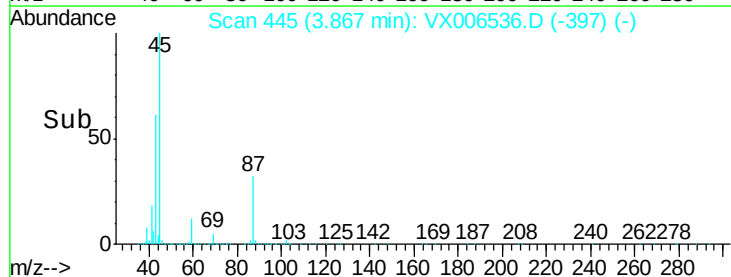
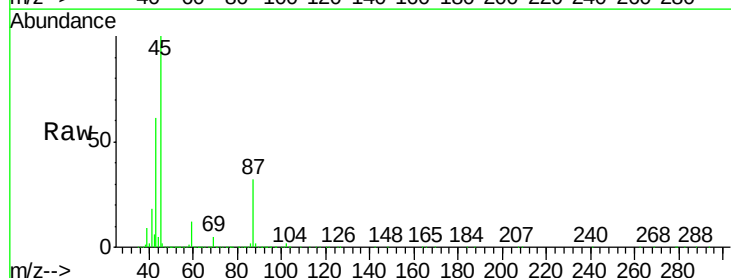
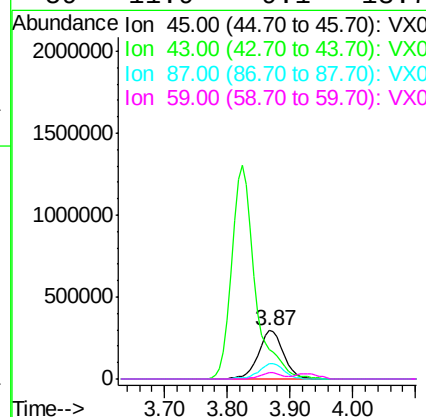
RT: 3.87 min Scan# 445

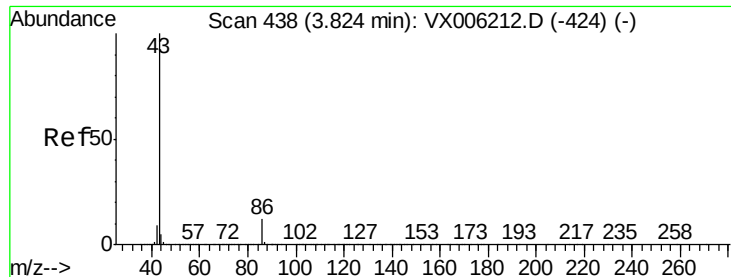
Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	45	Resp:	813343
Ion Ratio	Lower	Upper	
45	100		
43	61.4	46.2	69.2
87	32.0	24.9	37.3
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 274.181 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3368439

Ion Ratio Lower Upper

43 100

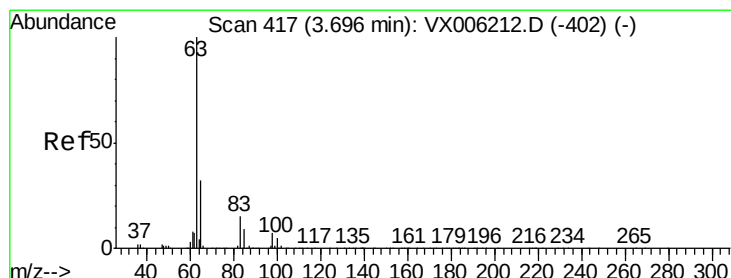
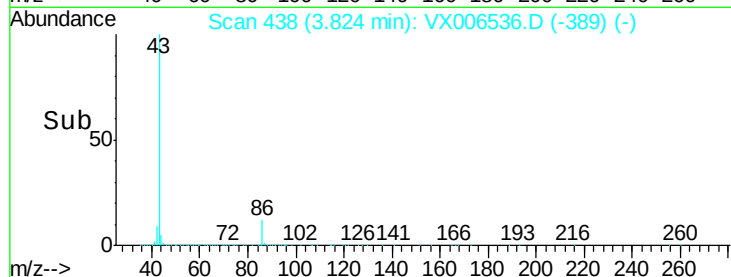
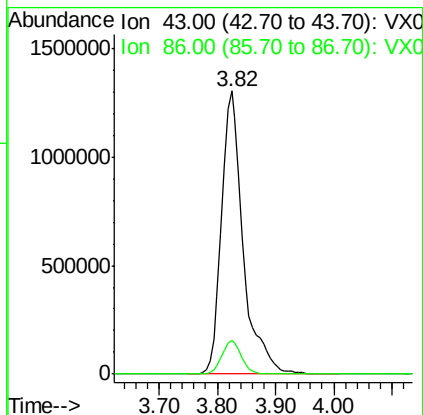
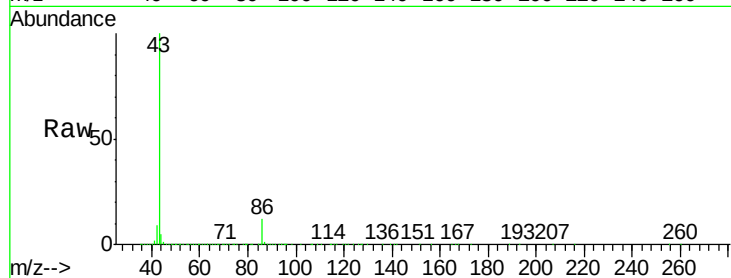
86 12.0 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 54.520 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

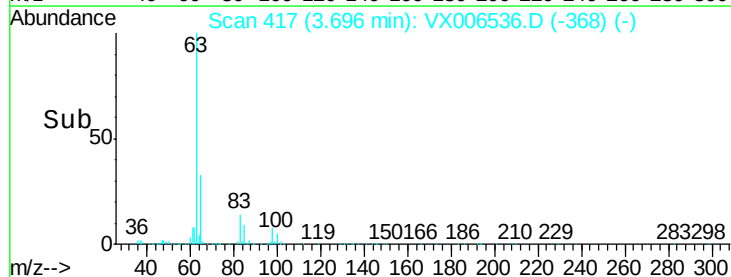
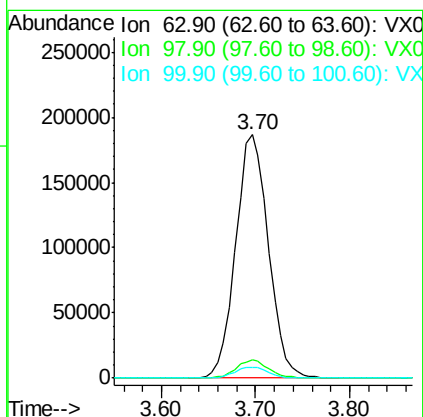
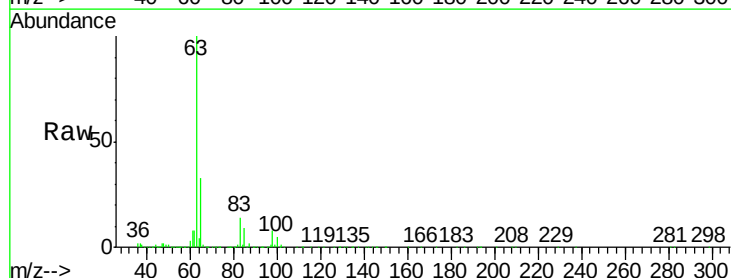
Tgt Ion: 63 Resp: 448863

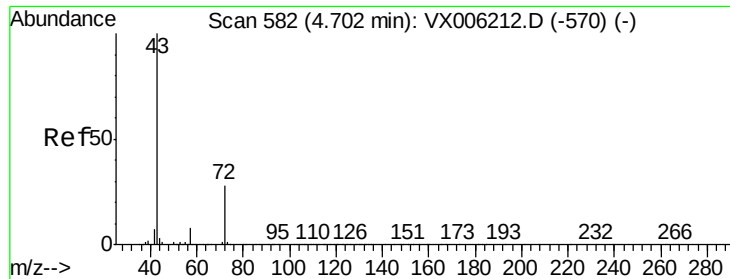
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 284.597 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1003672

Ion Ratio Lower Upper

43 100

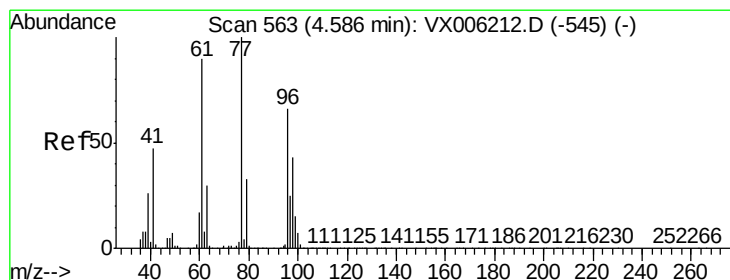
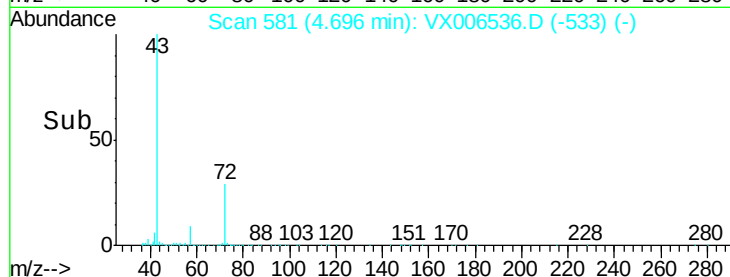
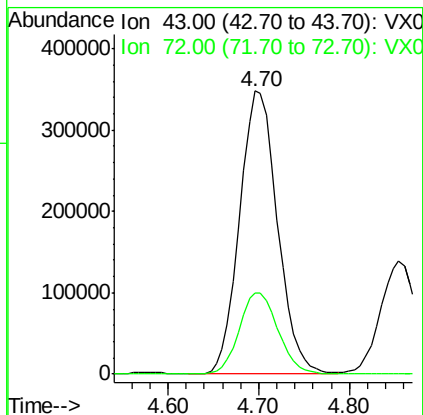
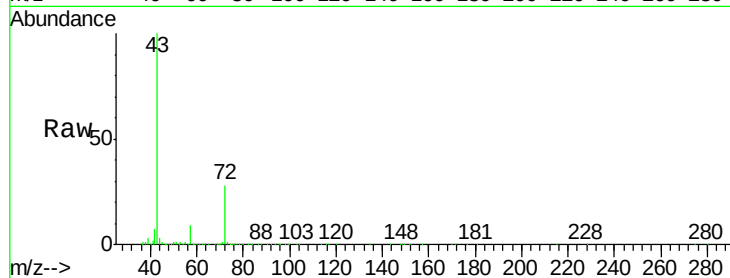
72 28.4 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 39.561 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006536.D

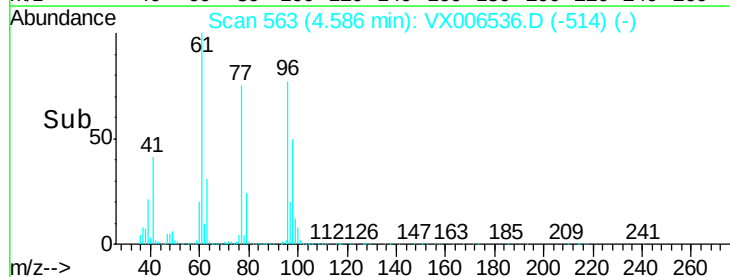
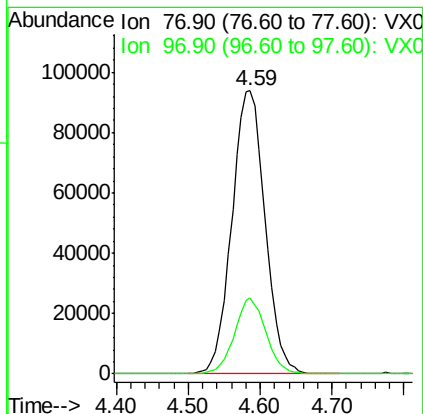
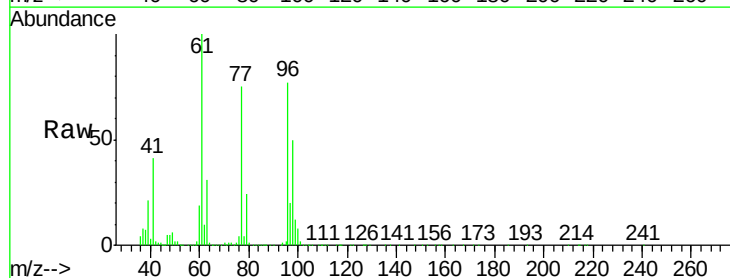
Acq: 15 Dec 2018 01:02

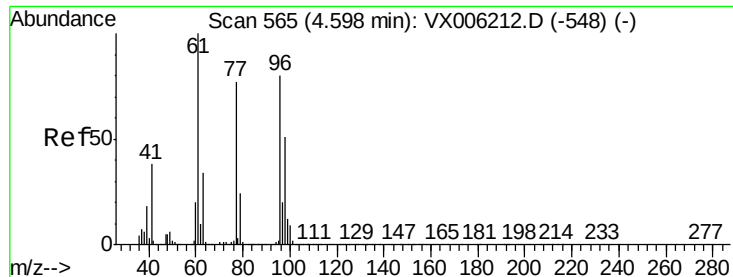
Tgt Ion: 77 Resp: 300590

Ion Ratio Lower Upper

77 100

97 25.5 12.3 36.8





#27

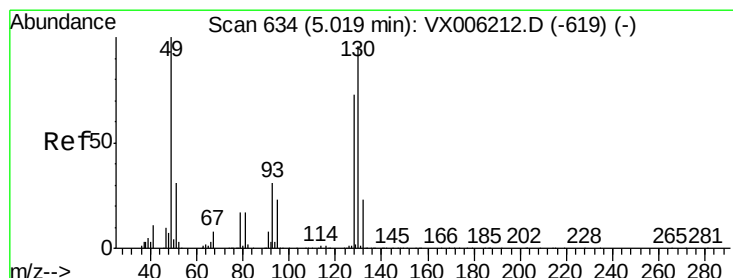
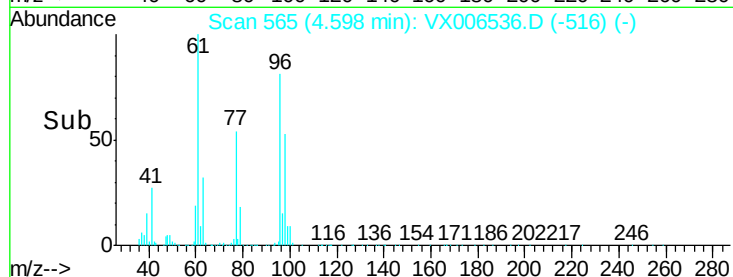
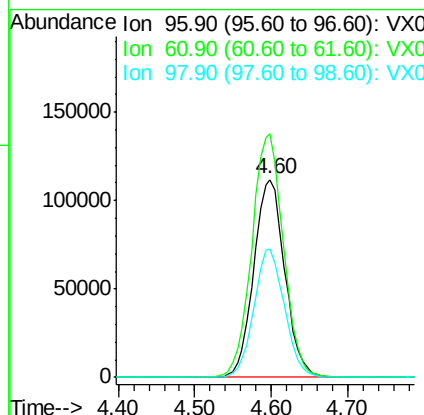
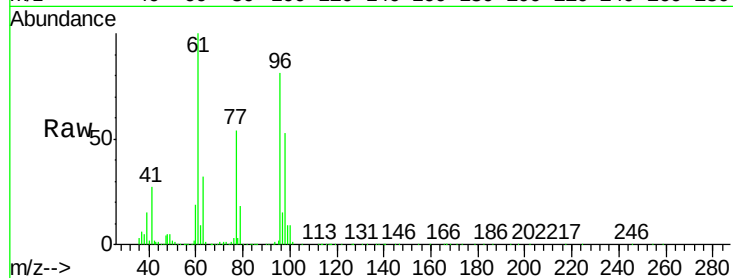
cis-1,2-Dichloroethene
Concen: 57.107 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	316898		
61	125.2	0.0	265.0	
98	63.9	0.0	130.2	

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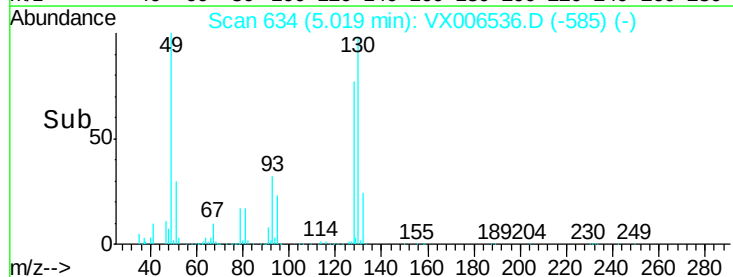
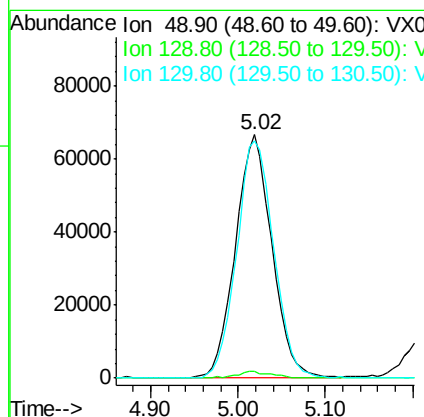
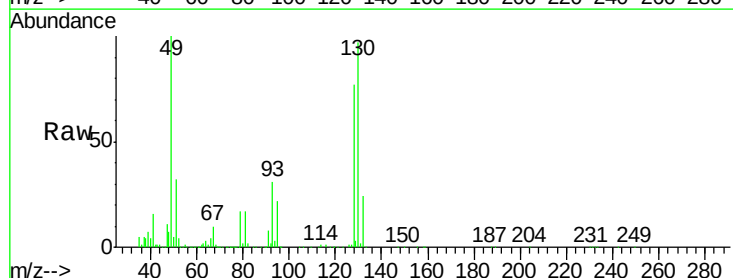
MMDadoda
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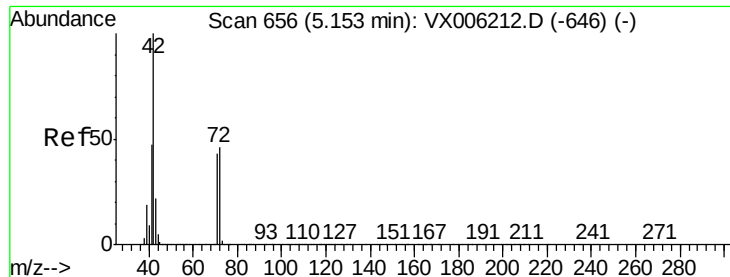


#28

Bromochloromethane
Concen: 53.699 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	193107		
129	2.6	0.0	5.0	
130	99.0	78.3	117.5	





#29

Tetrahydrofuran

Concen: 281.126 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

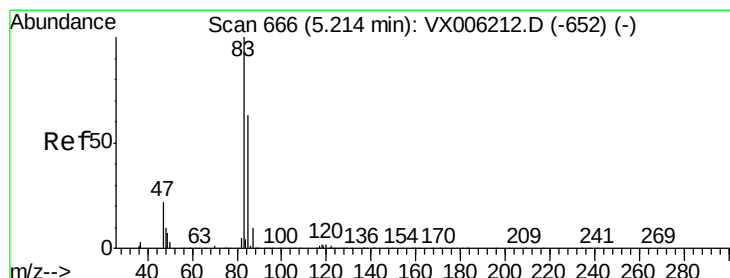
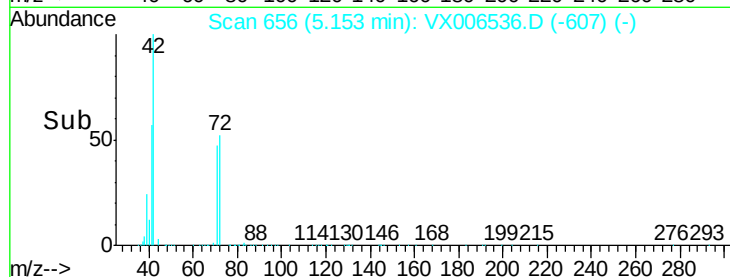
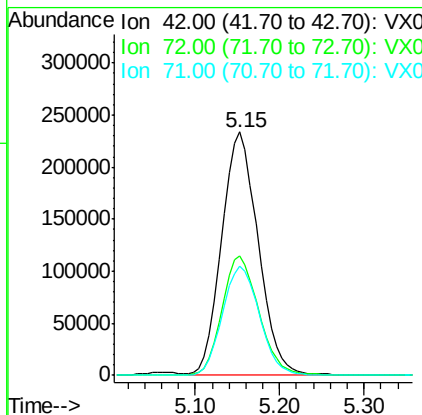
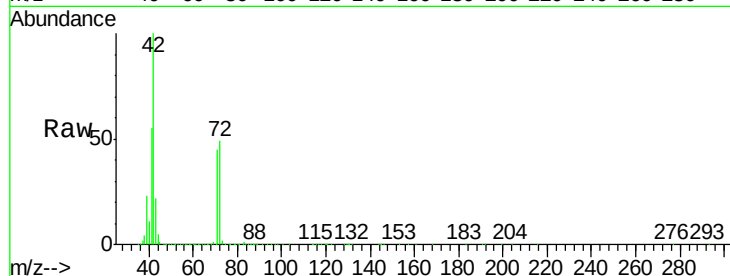
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	689044
Ion Ratio		Lower	Upper
42	100		
72	49.7	37.8	56.8
71	45.8	35.2	52.8

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12/17/2018 12:12:31 PM



#30

Chloroform

Concen: 57.439 ug/l

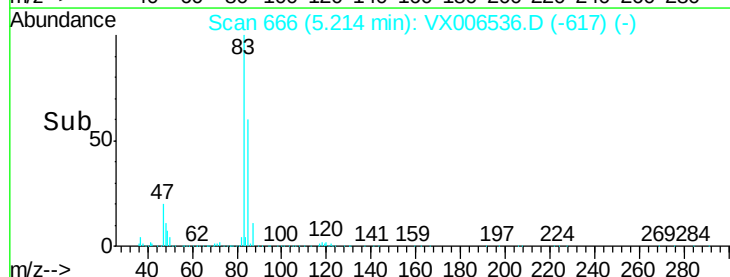
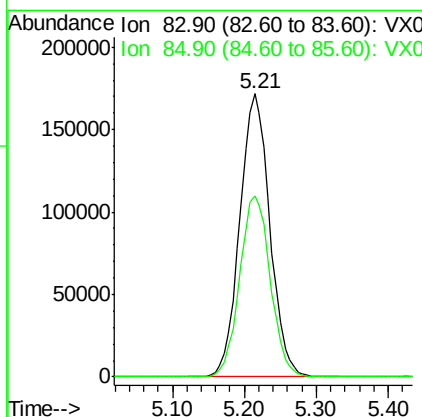
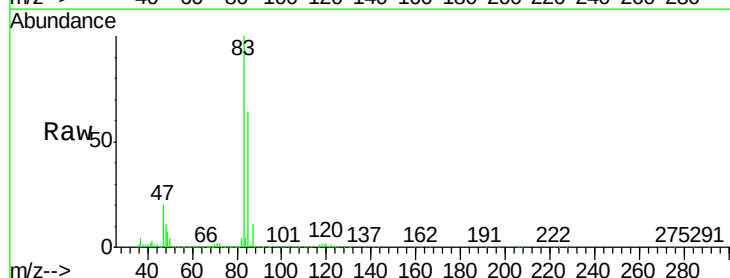
RT: 5.21 min Scan# 666

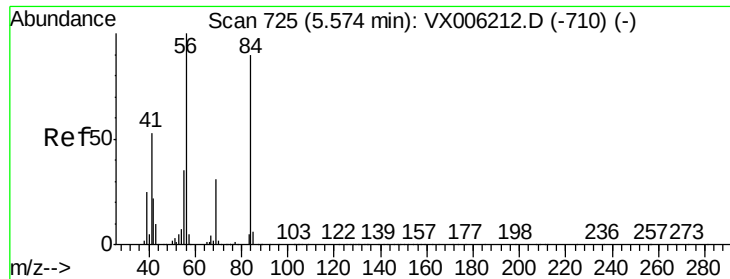
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	83	Resp:	496955
Ion Ratio		Lower	Upper
83	100		
85	63.9	50.3	75.5





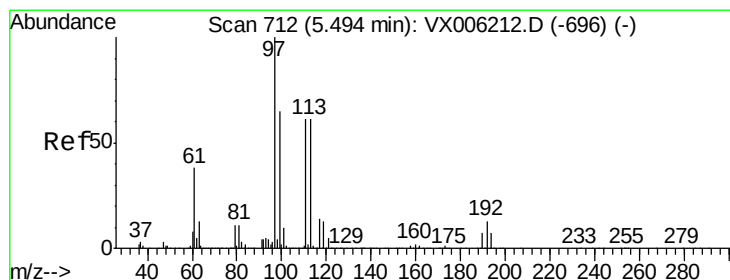
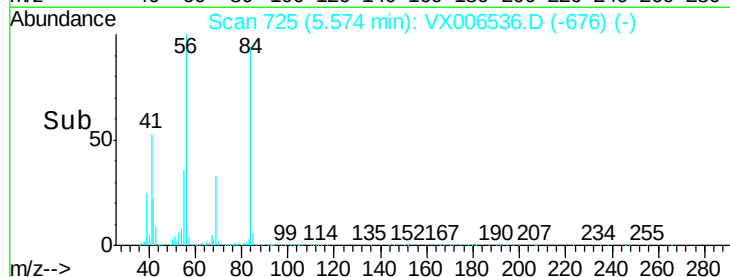
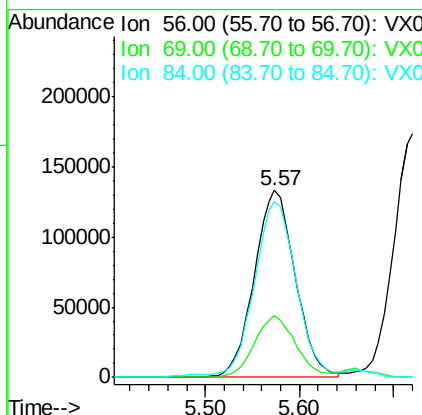
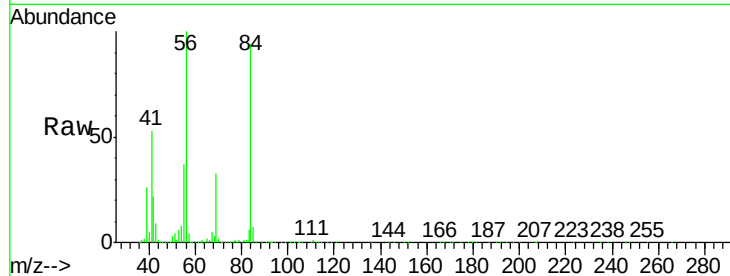
#31
Cyclohexane
Concen: 53.251 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.5	36.7
84	92.7	71.8	107.6

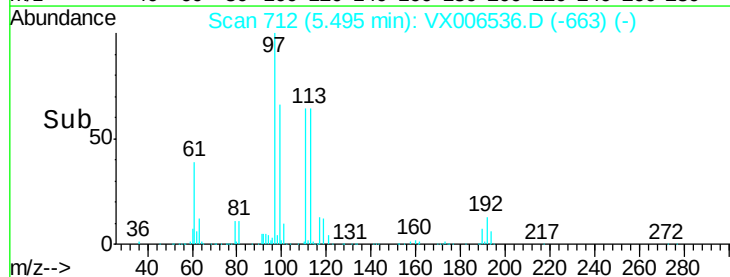
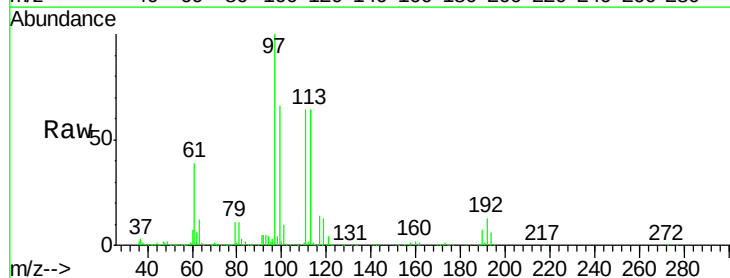
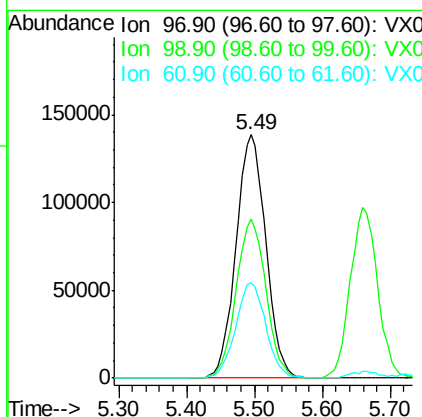
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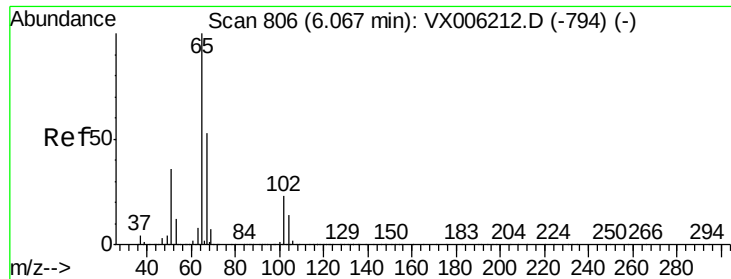
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12/17/2018 12:12:31 PM



#32
1,1,1-Trichloroethane
Concen: 51.249 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	39.7	30.6	46.0





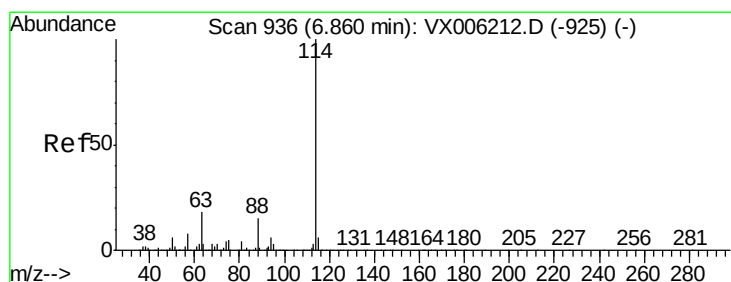
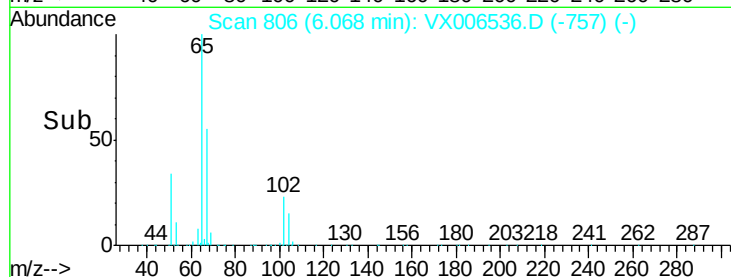
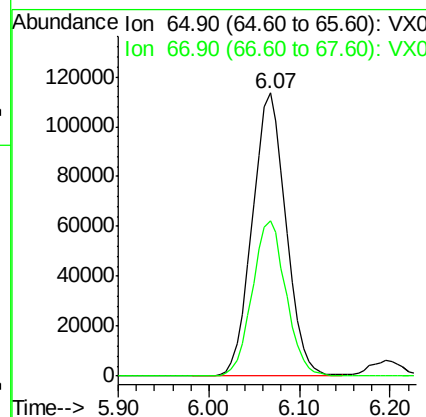
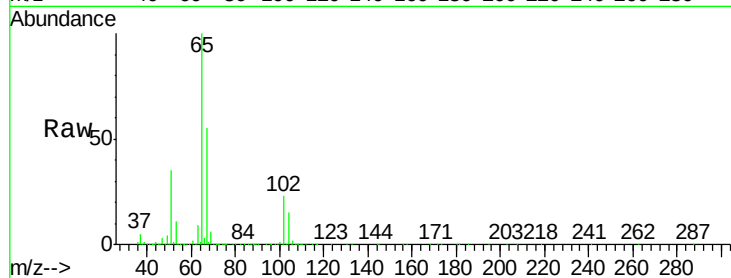
#33
 1,2-Dichloroethane-d4
 Concen: 55.354 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	107.2

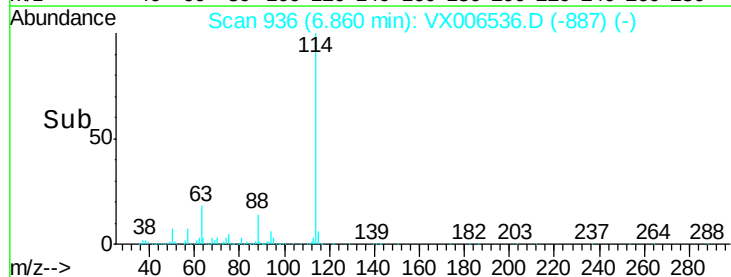
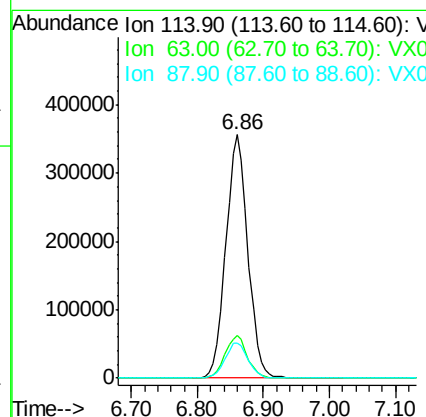
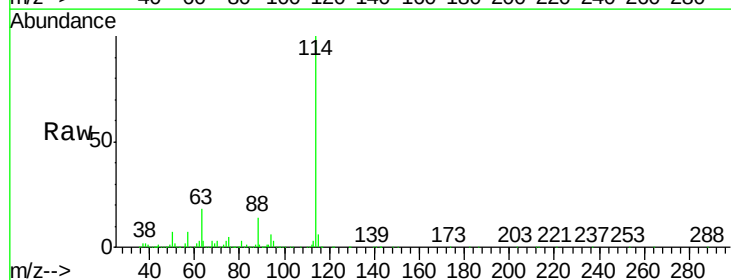
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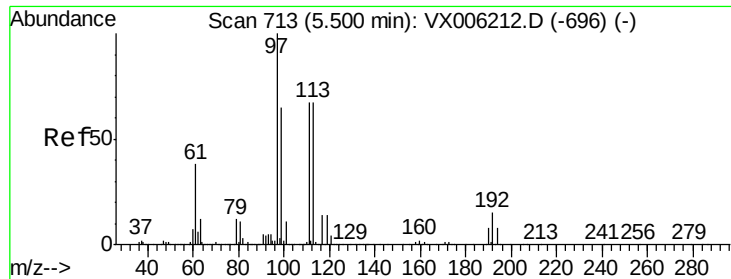
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 12/17/2018 12:12:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	14.2	0.0	29.0





#35

Dibromofluoromethane

Concen: 50.457 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

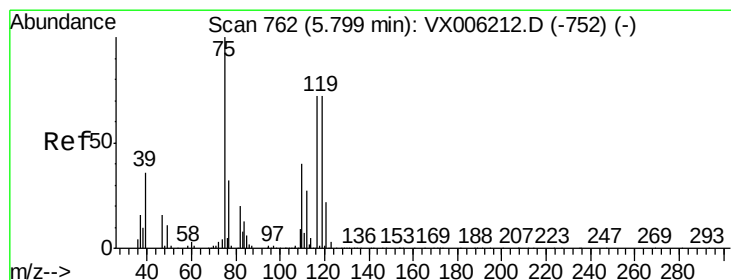
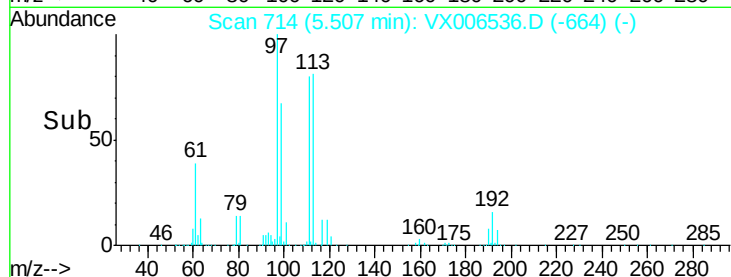
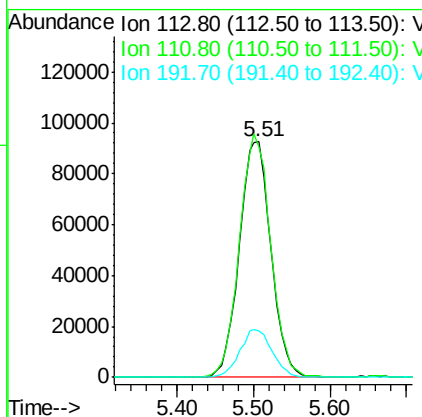
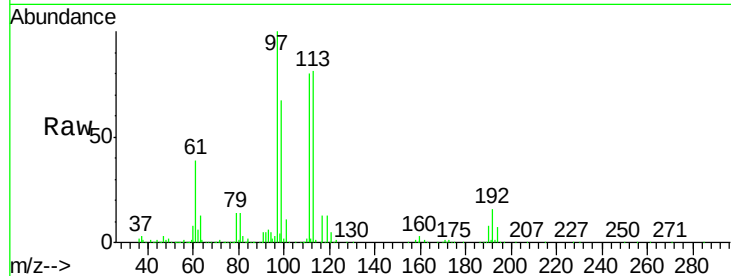
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	266815
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.1	121.7
192	20.7	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 51.414 ug/l

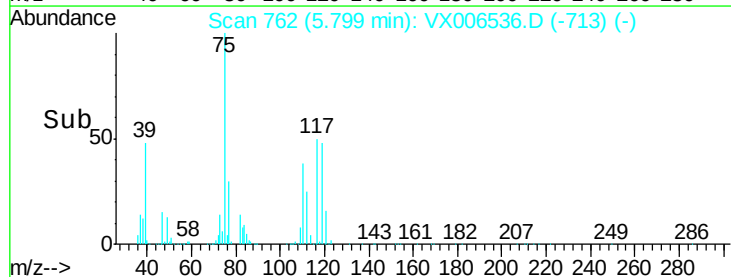
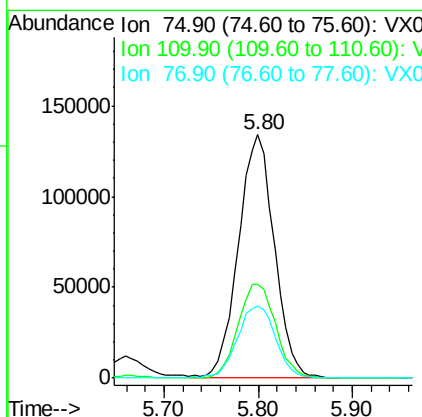
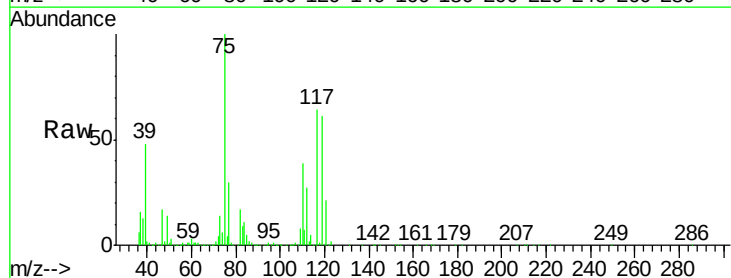
RT: 5.80 min Scan# 762

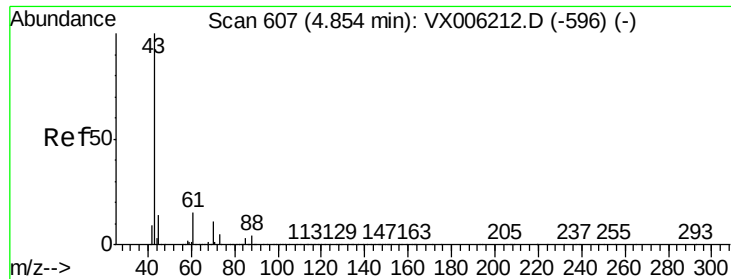
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	75	Resp:	353603
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.4	61.3
77	31.9	24.9	37.3





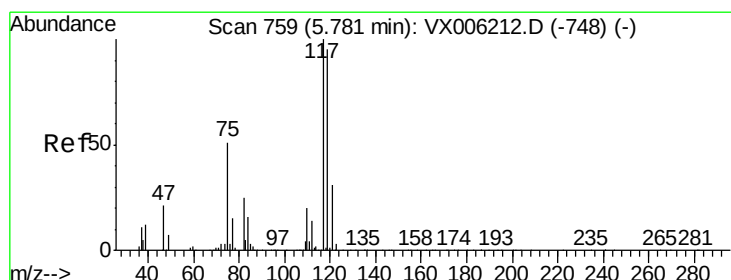
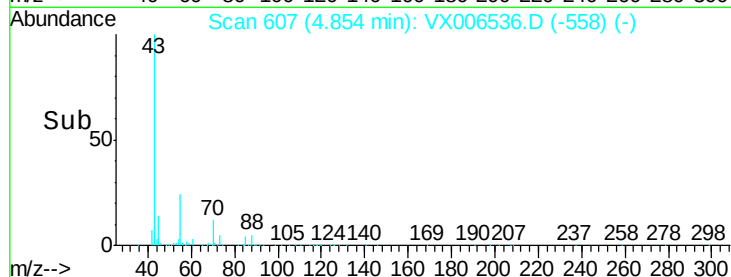
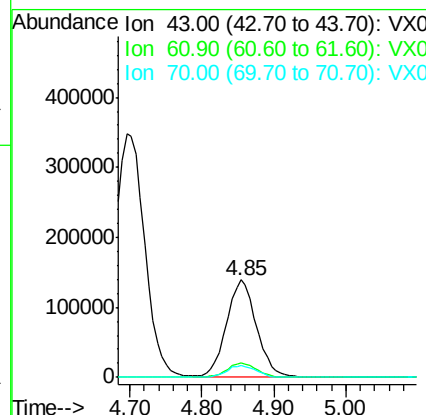
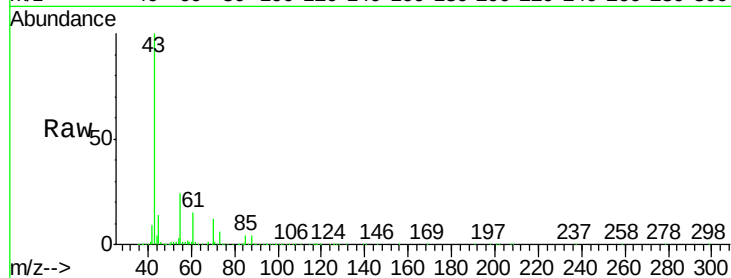
#37
Ethyl Acetate
Concen: 52.116 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	12.1	9.0	13.6

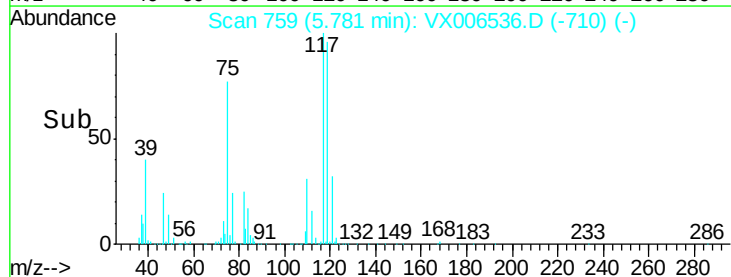
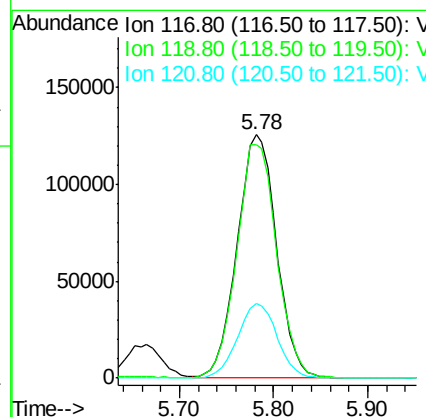
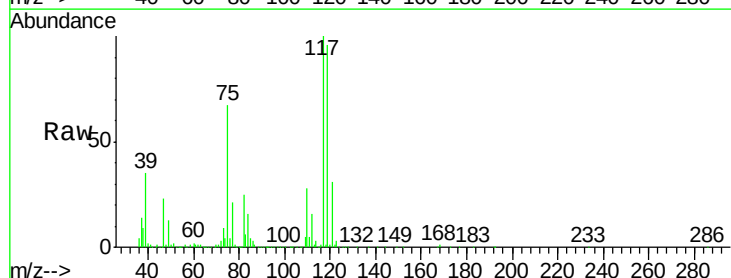
Manual Integrations
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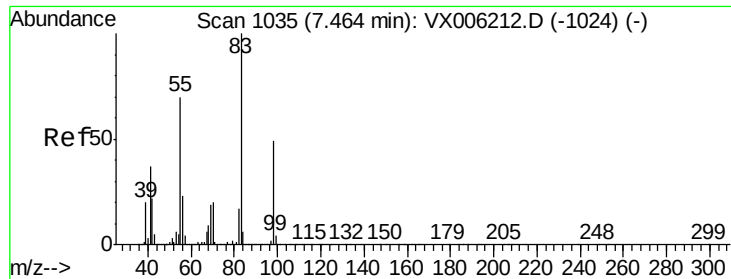
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#38
Carbon Tetrachloride
Concen: 45.292 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
121	30.9	24.6	37.0





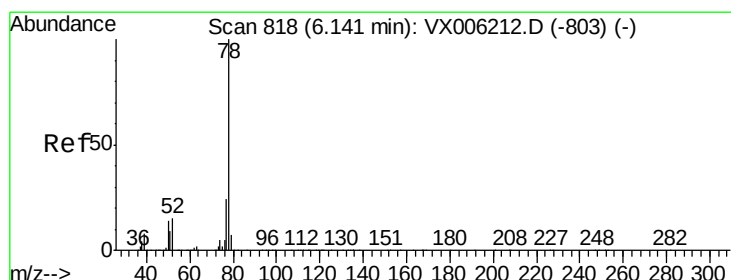
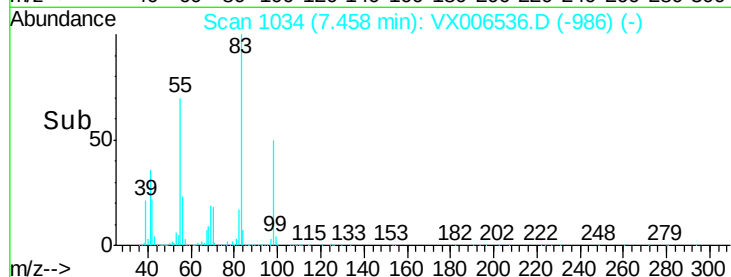
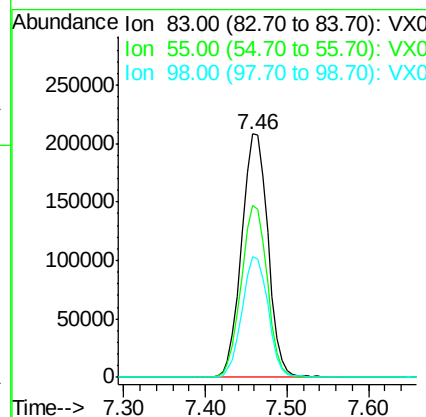
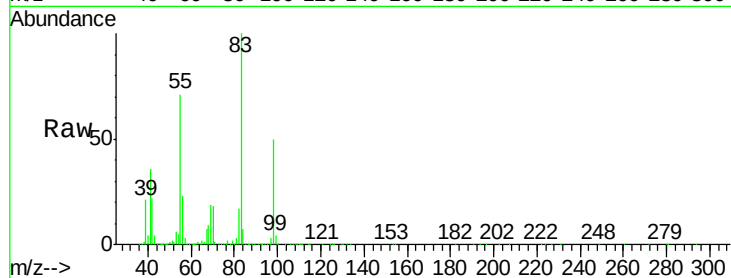
#39
Methylcyclohexane
Concen: 52.223 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.4	84.6
98	49.6	39.0	58.6

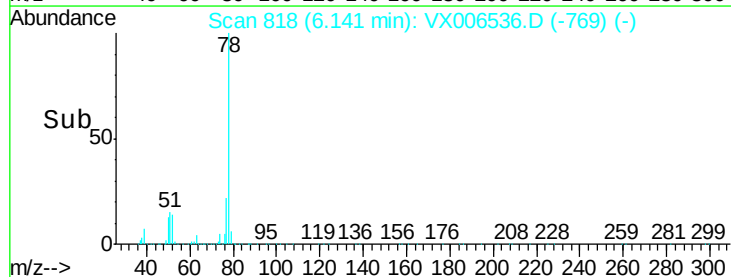
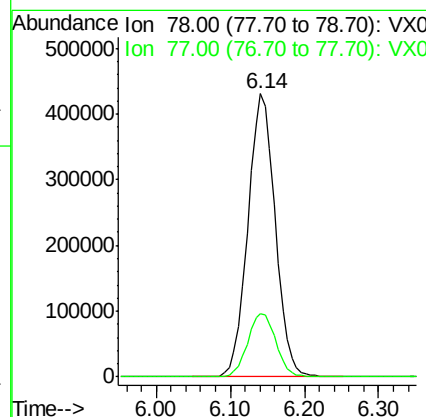
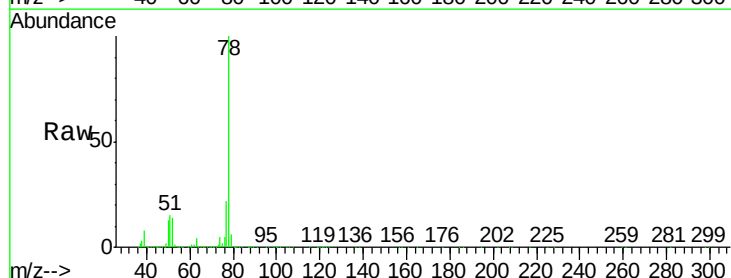
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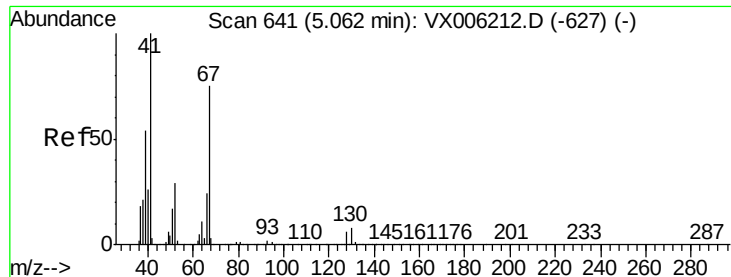
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#40
Benzene
Concen: 53.981 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.2	28.8





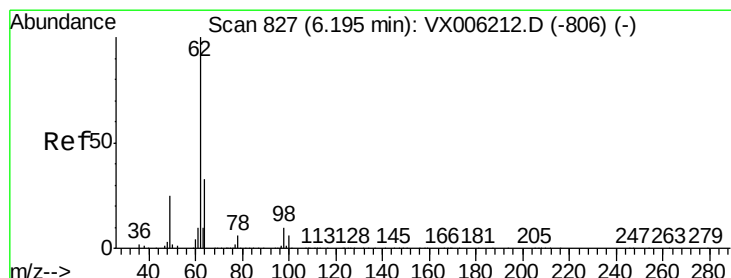
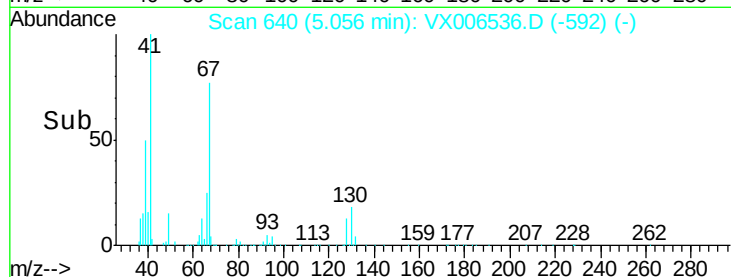
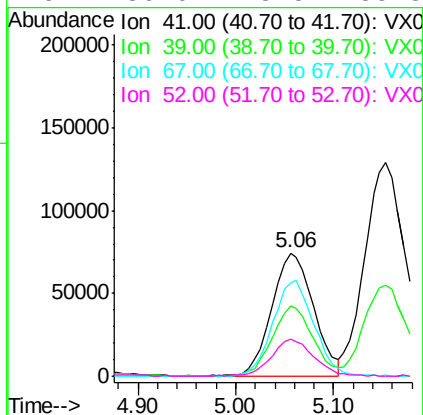
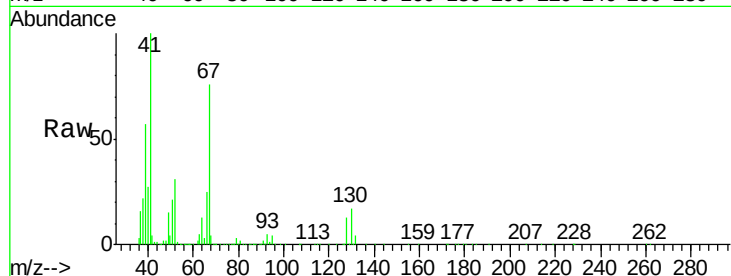
#41
Methacrylonitrile
Concen: 52.074 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.0	66.0
67	76.6	61.4	92.0
52	30.0	23.5	35.3

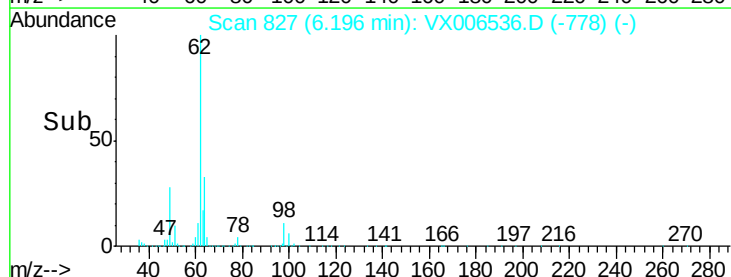
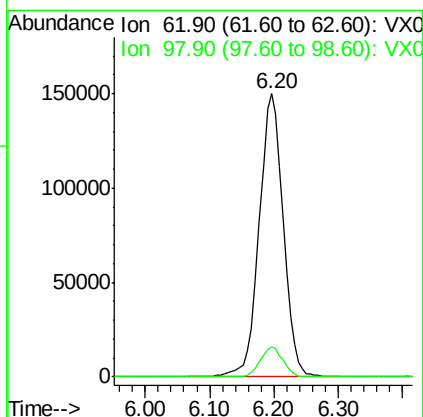
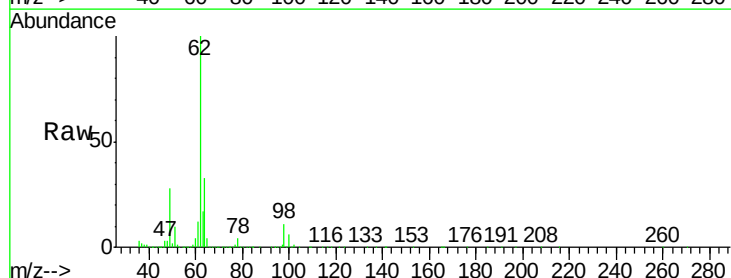
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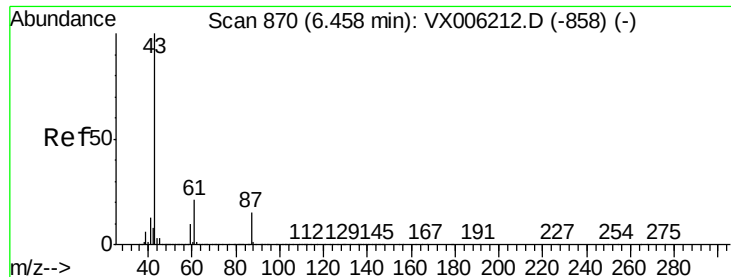
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#42
1,2-Dichloroethane
Concen: 57.188 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 49.692 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

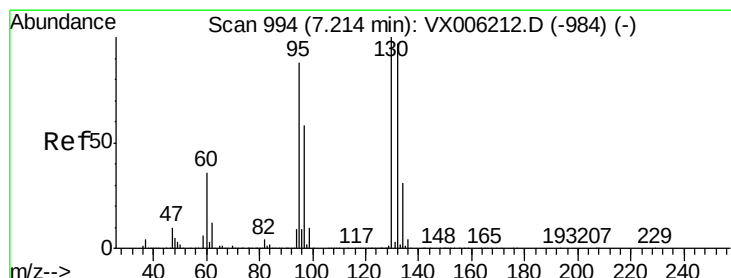
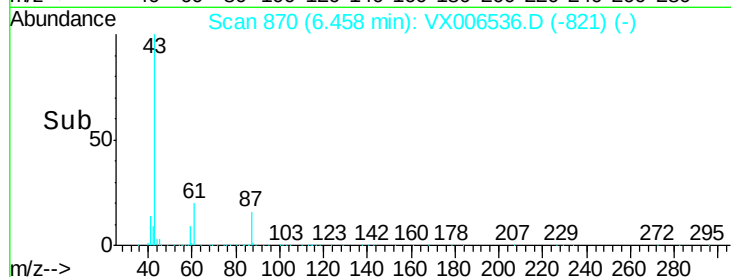
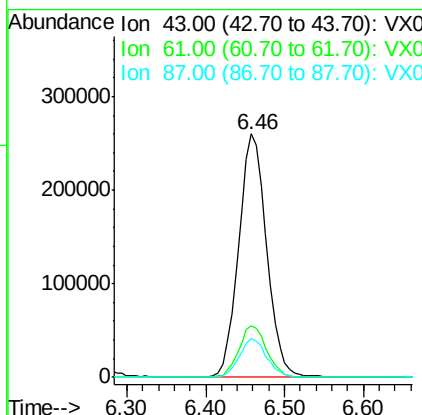
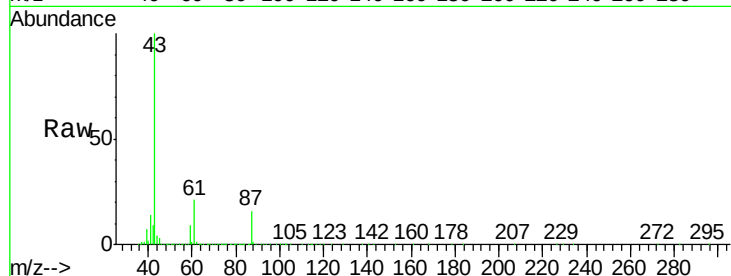
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	638116
Ion Ratio		Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.7	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 51.814 ug/l

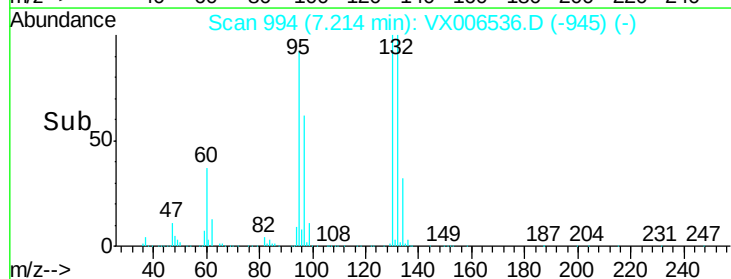
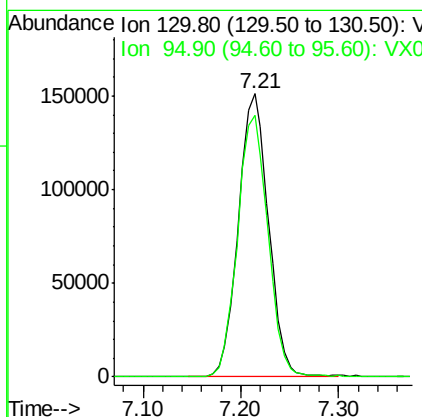
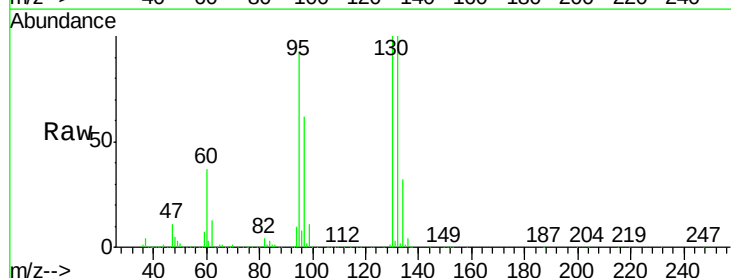
RT: 7.21 min Scan# 994

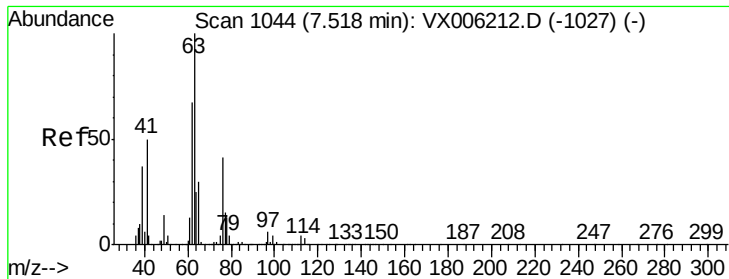
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	130	Resp:	323336
Ion Ratio		Lower	Upper
130	100		
95	92.4	0.0	175.8





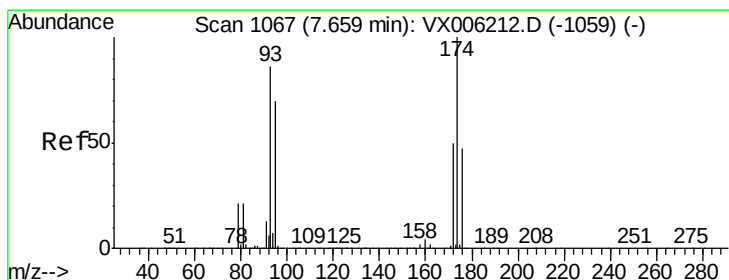
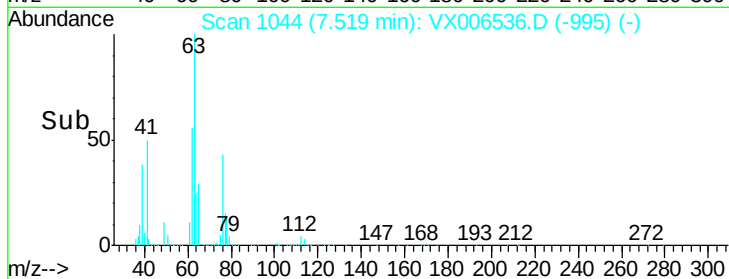
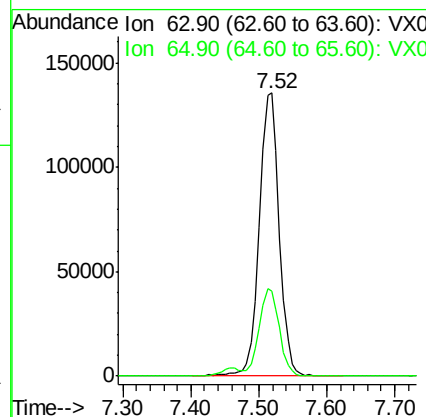
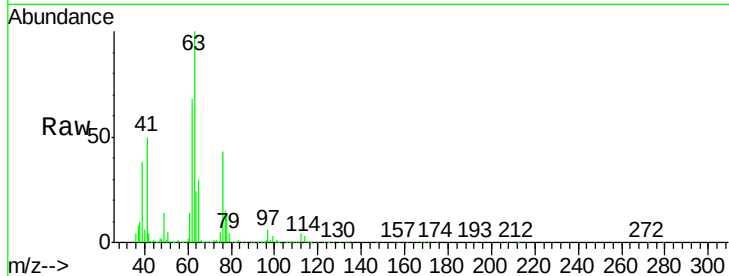
#45
 1,2-Dichloropropane
 Concen: 53.139 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.3	36.5

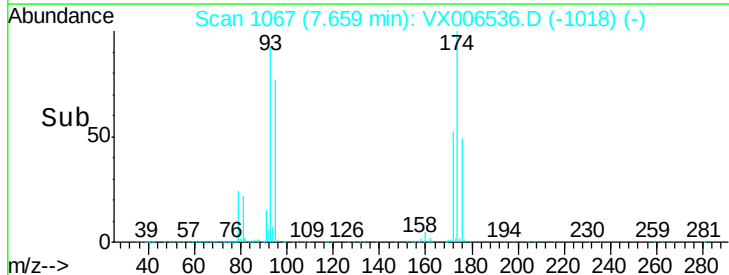
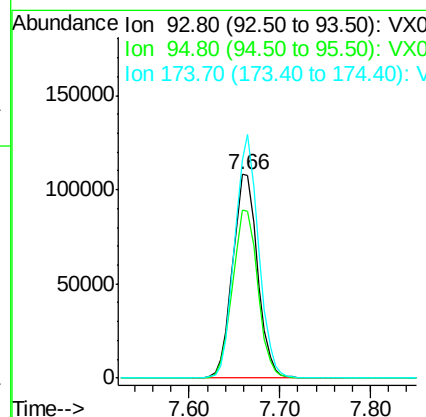
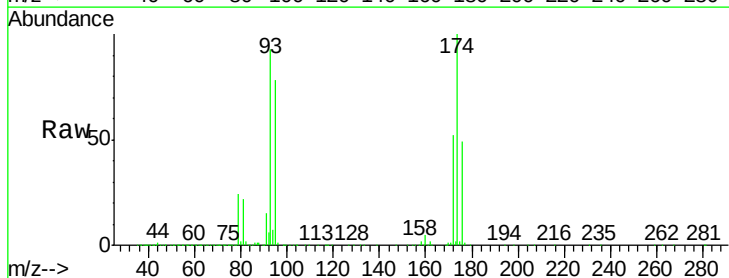
Manual Integrations
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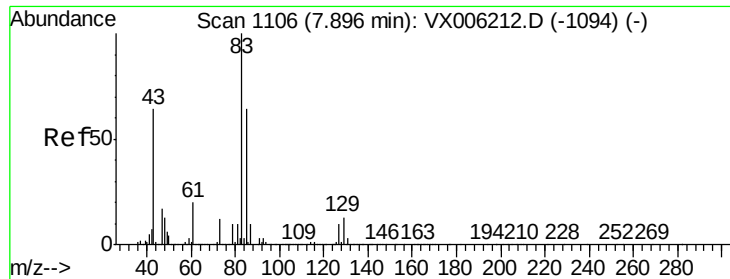
MMDadoda
 12/17/2018 12:12:31 PM



#46
 Dibromomethane
 Concen: 54.851 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.2	99.4
174	113.9	97.2	145.8





#47

Bromodichloromethane

Concen: 48.769 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

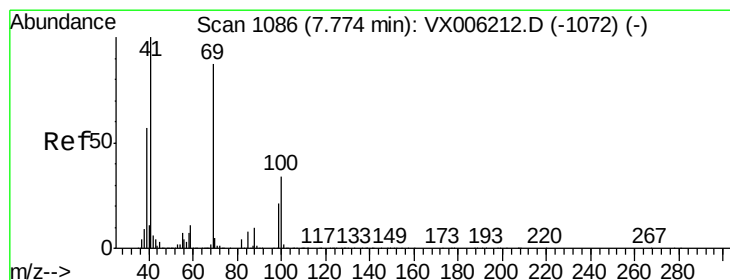
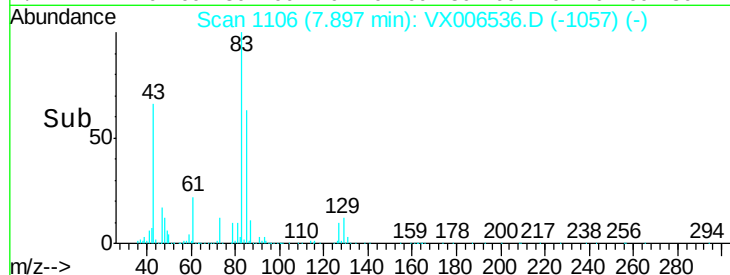
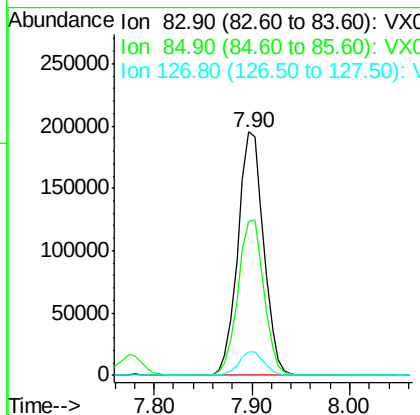
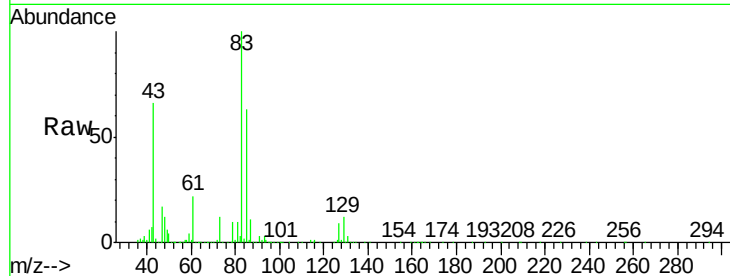
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	357092
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.4	77.0
127	9.5	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.074 ug/l

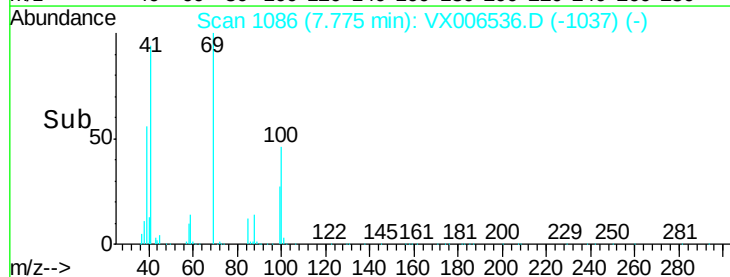
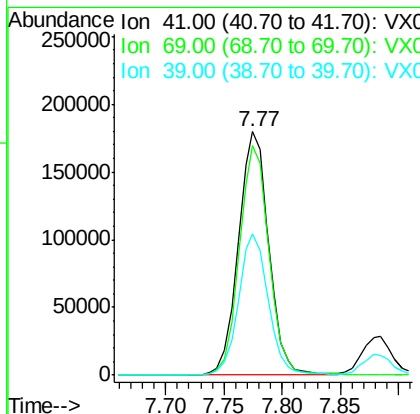
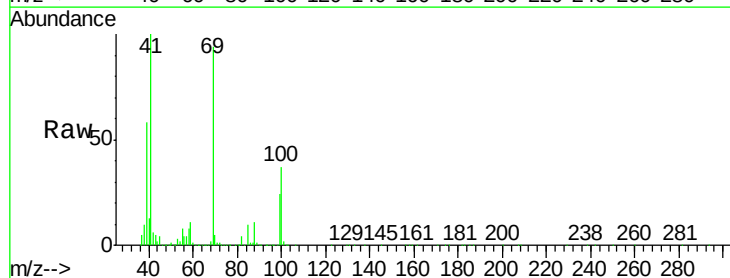
RT: 7.77 min Scan# 1086

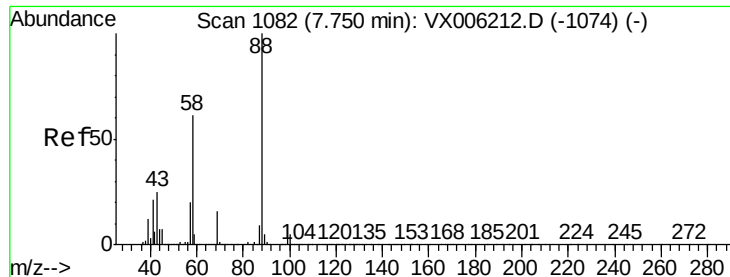
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	41	Resp:	325322
Ion Ratio	Lower	Upper	
41	100		
69	92.4	70.3	105.5
39	56.6	45.3	67.9





#49

1,4-Dioxane

Concen: 1091.966 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

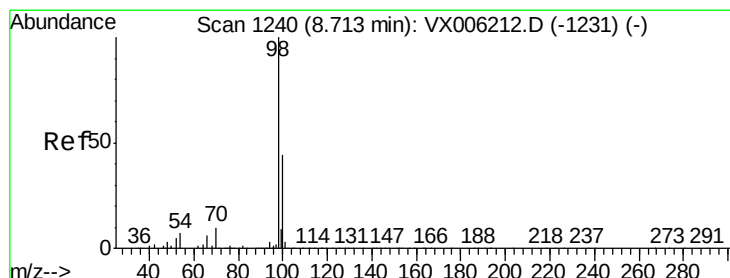
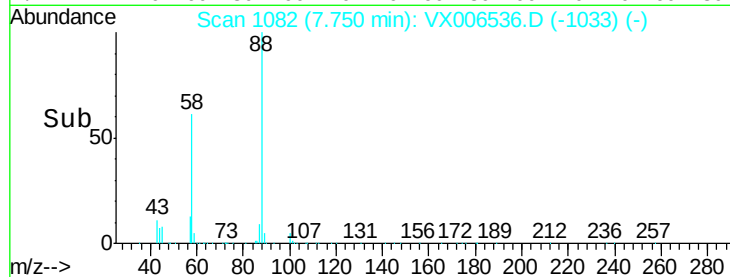
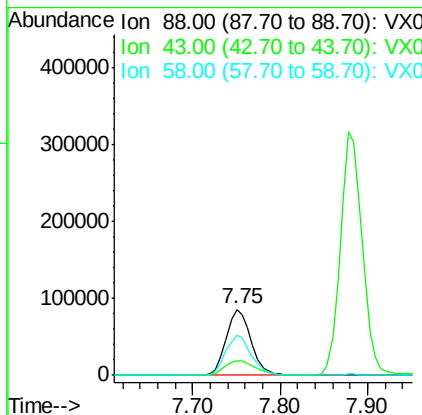
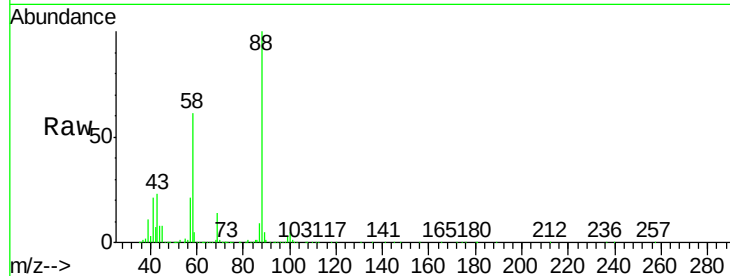
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	168133
Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	63.5	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 49.527 ug/l

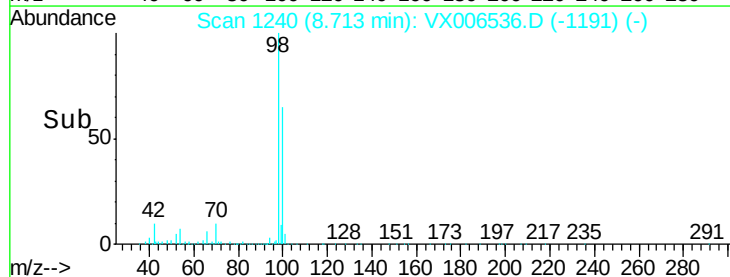
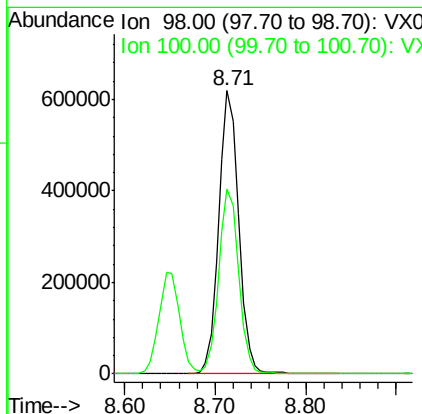
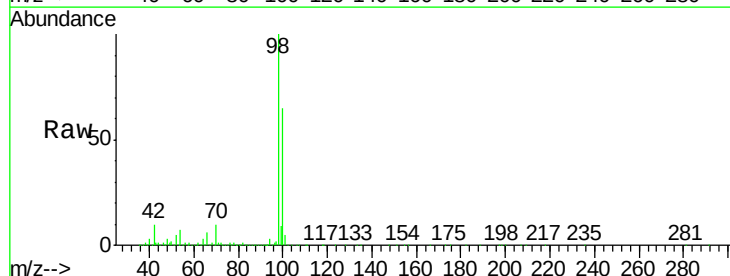
RT: 8.71 min Scan# 1240

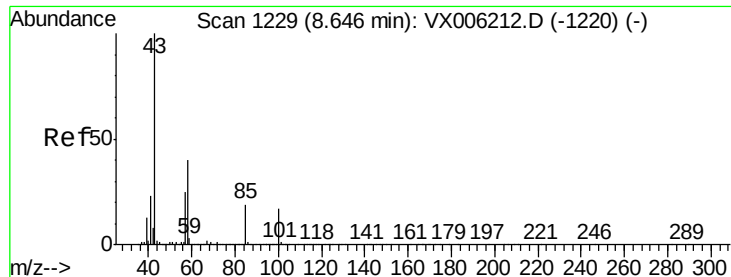
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	98	Resp:	952621
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 270.123 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2019335

Ion Ratio Lower Upper

43 100

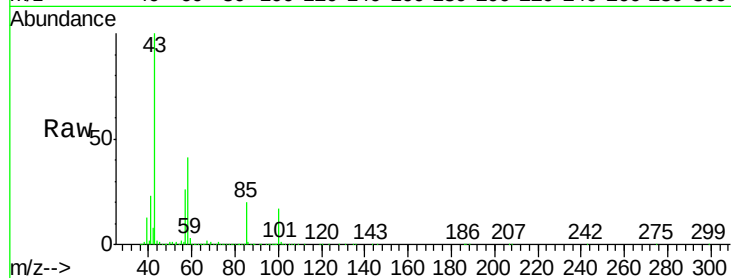
58 40.6 31.3 46.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

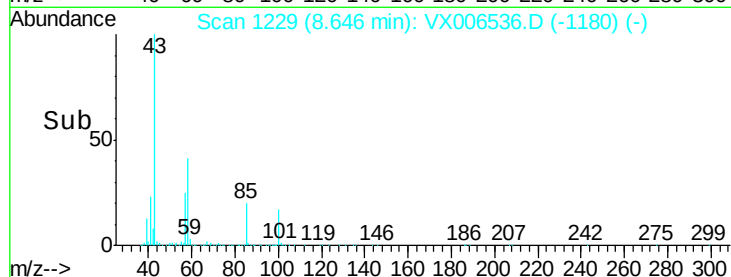
1500000

1000000

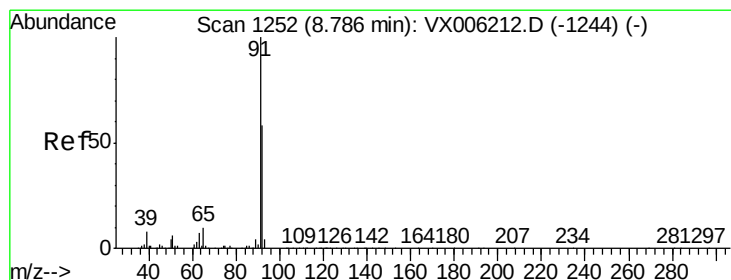
500000

0

8.60 8.65 8.70 8.80



Time-->



#52

Toluene

Concen: 54.395 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006536.D

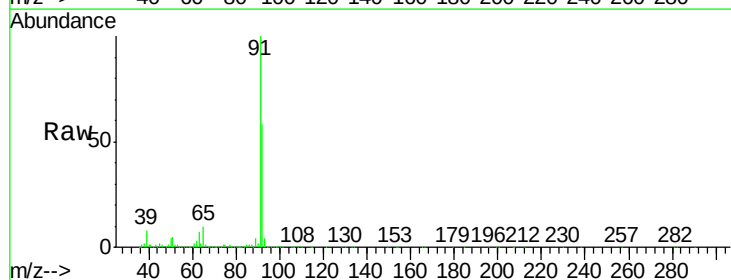
Acq: 15 Dec 2018 01:02

Tgt Ion: 92 Resp: 737168

Ion Ratio Lower Upper

92 100

91 172.4 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

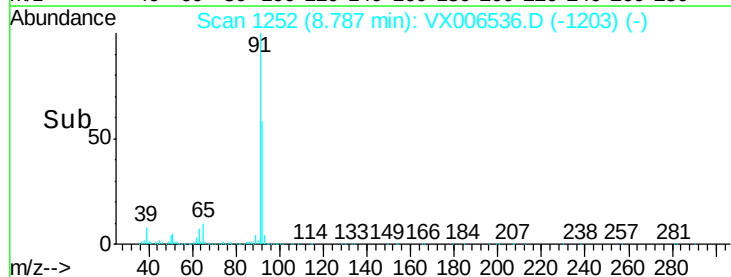
600000

400000

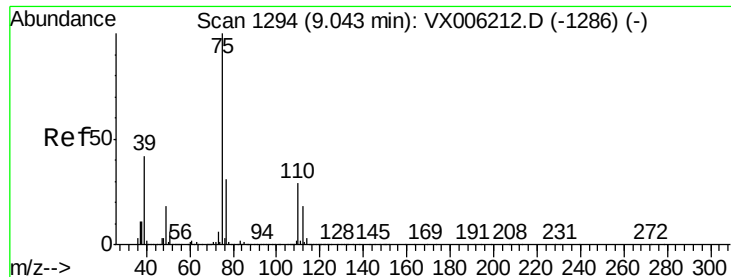
200000

0

8.70 8.75 8.80 8.85 8.90 9.00



Time-->



#53

t-1,3-Dichloropropene

Concen: 46.182 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 395465

Ion Ratio Lower Upper

75 100

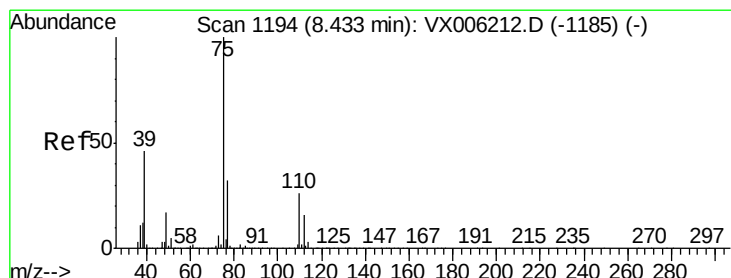
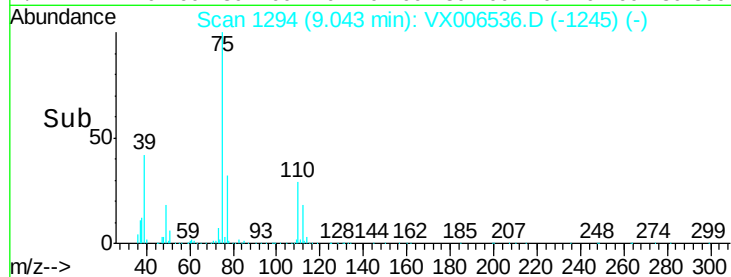
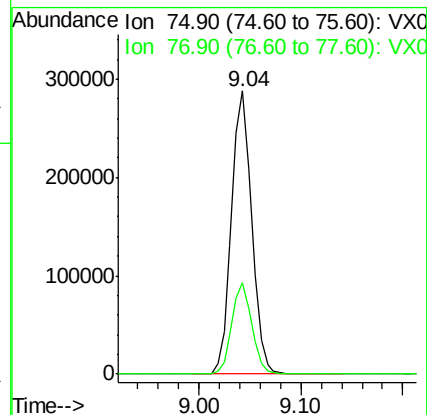
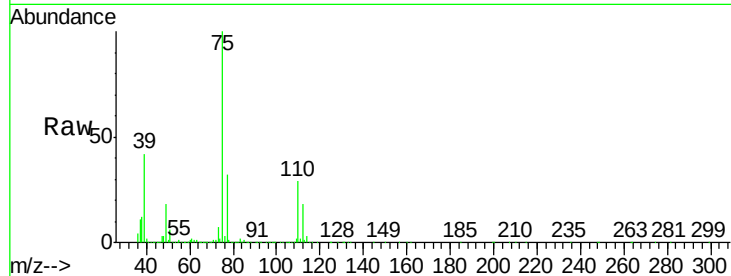
77 32.2 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.450 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

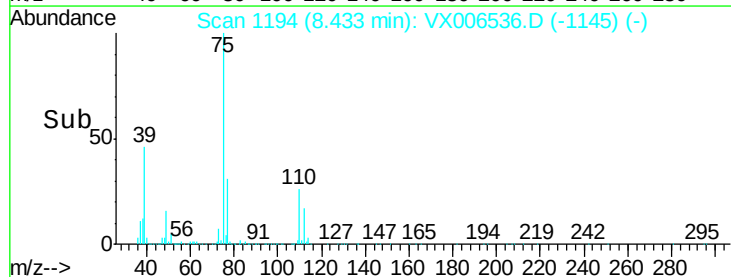
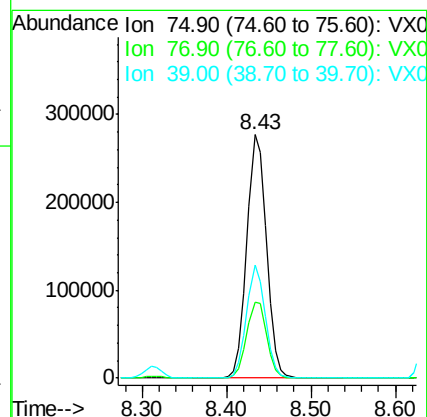
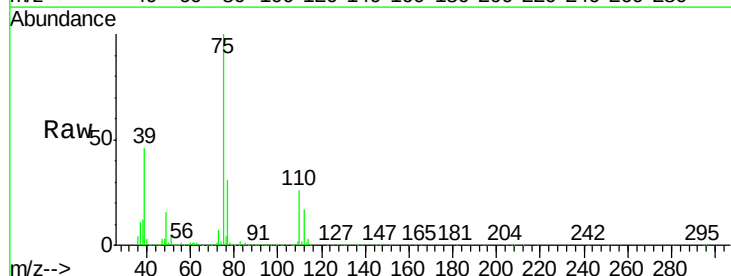
Tgt Ion: 75 Resp: 430810

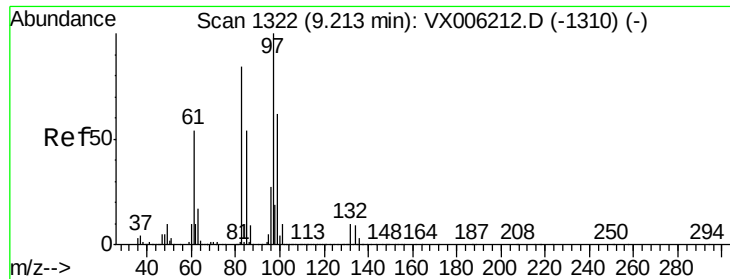
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 46.1 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 57.781 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

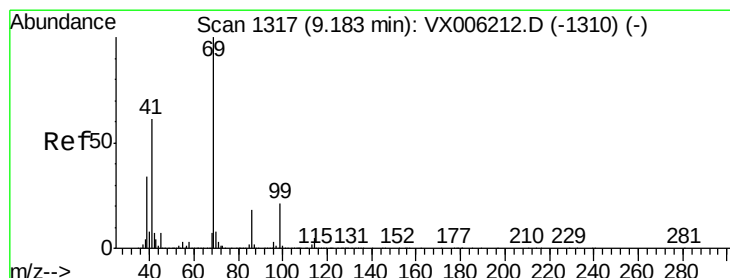
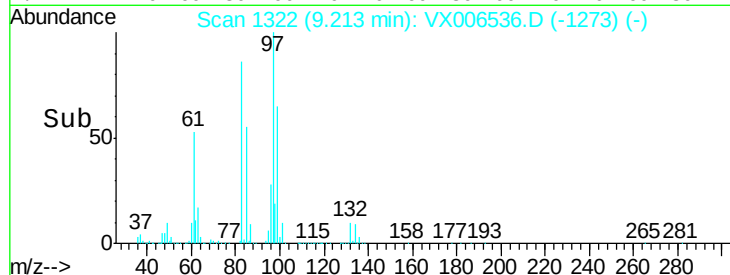
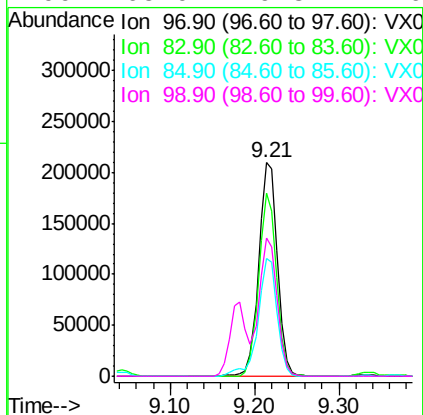
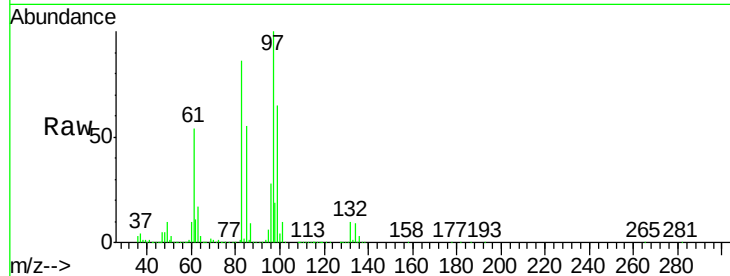
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	318119
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.1	100.7
85	55.1	43.2	64.8
99	65.0	49.8	74.6

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12/17/2018 12:12:31 PM



#56

Ethyl methacrylate

Concen: 54.548 ug/l

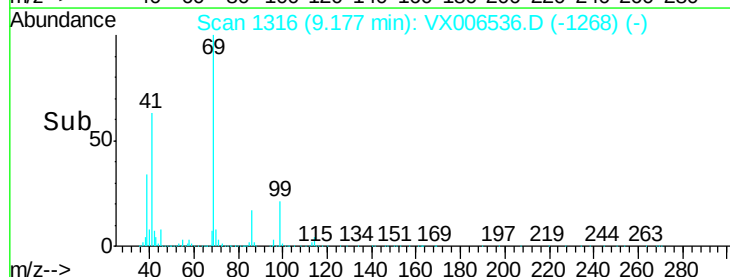
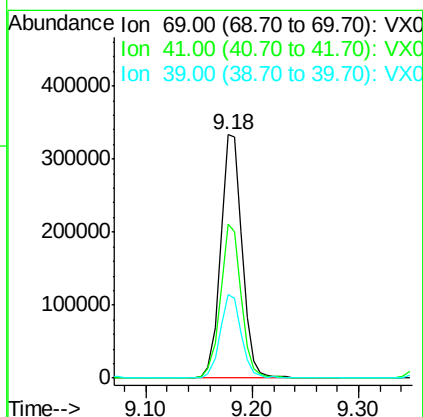
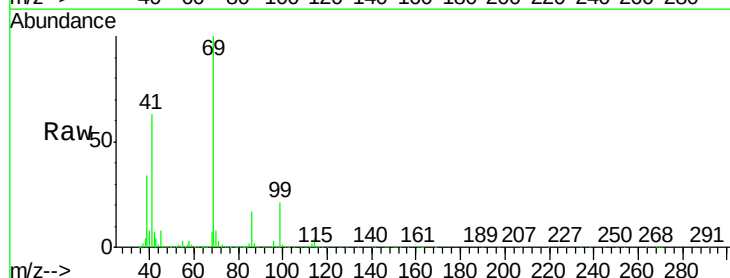
RT: 9.18 min Scan# 1316

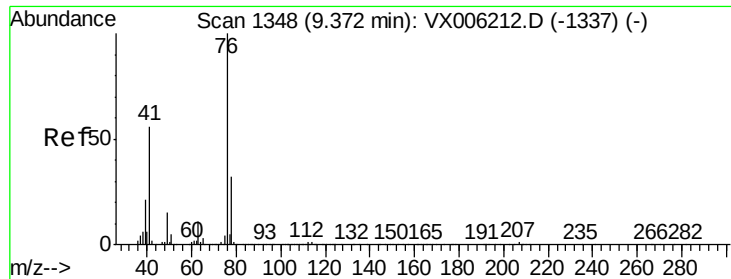
Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	69	Resp:	469501
Ion	Ratio	Lower	Upper
69	100		
41	60.8	50.6	76.0
39	33.8	27.6	41.4





#57

1,3-Dichloropropane

Concen: 57.257 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 498478

Ion Ratio Lower Upper

76 100

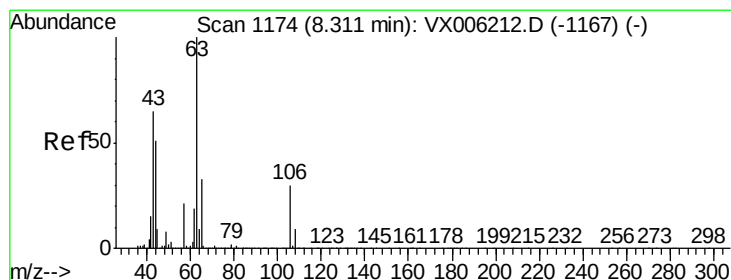
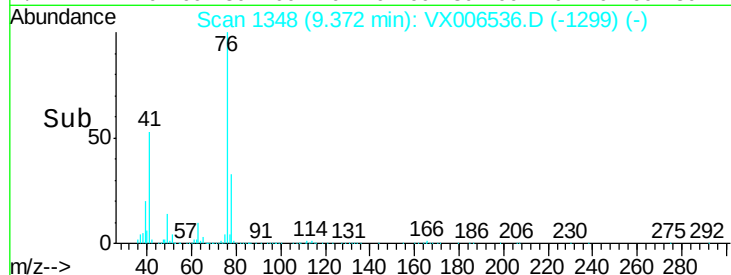
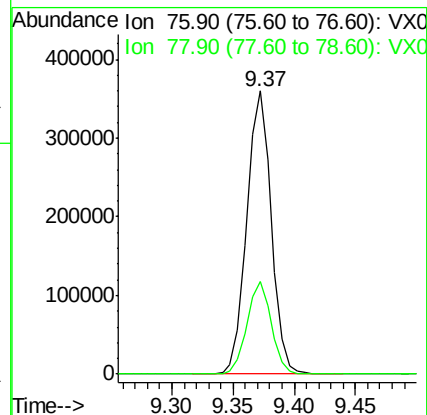
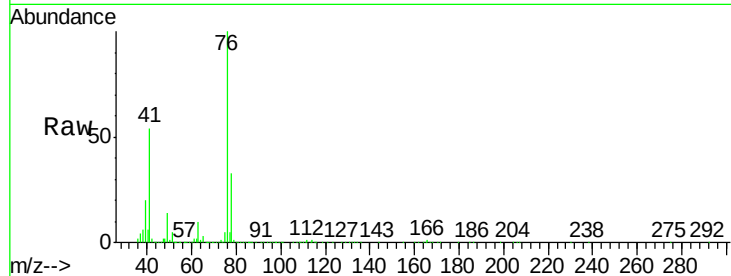
78 32.4 26.1 39.1

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12/17/2018 12:12:31 PM



#58

2-Chloroethyl Vinyl ether

Concen: 245.185 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006536.D

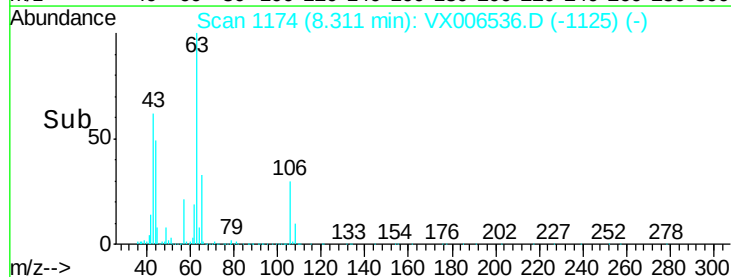
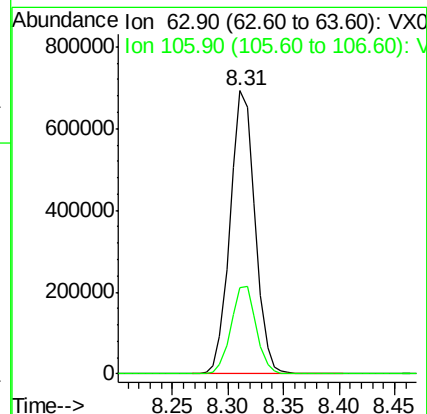
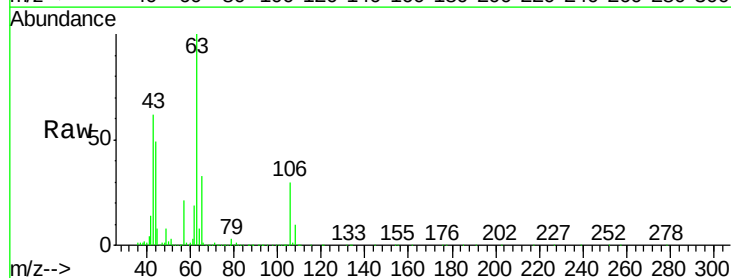
Acq: 15 Dec 2018 01:02

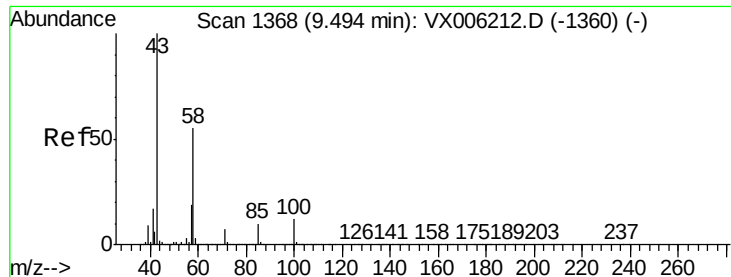
Tgt Ion: 63 Resp: 1070884

Ion Ratio Lower Upper

63 100

106 31.4 24.9 37.3





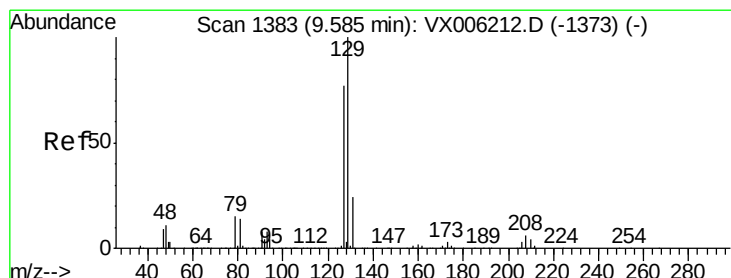
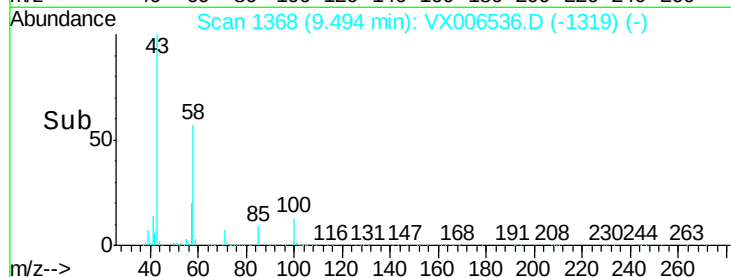
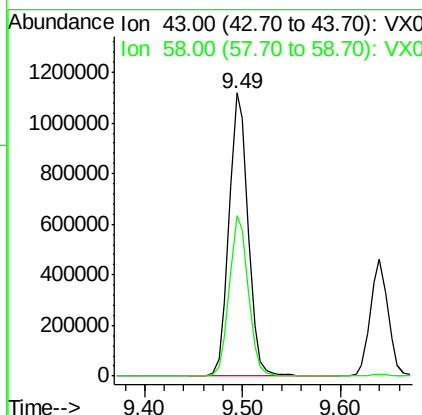
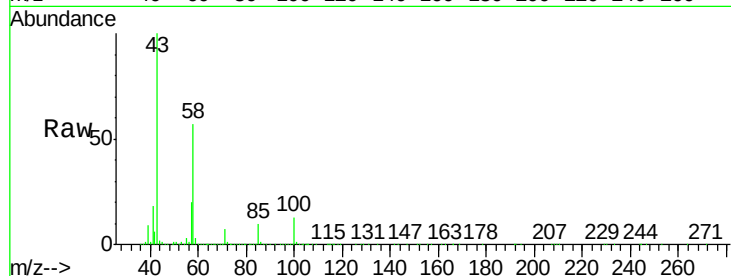
#59
2-Hexanone
Concen: 264.439 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1510315
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1

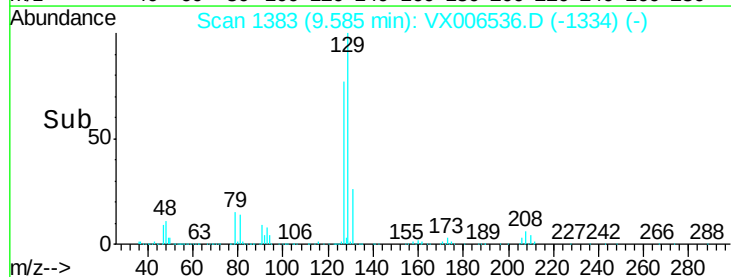
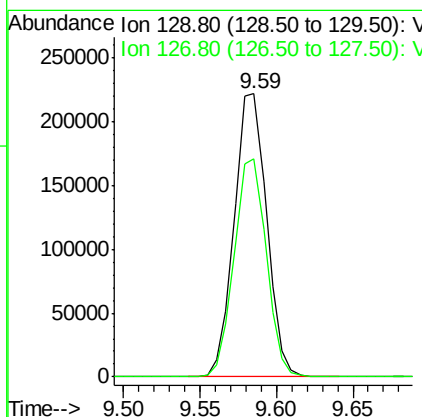
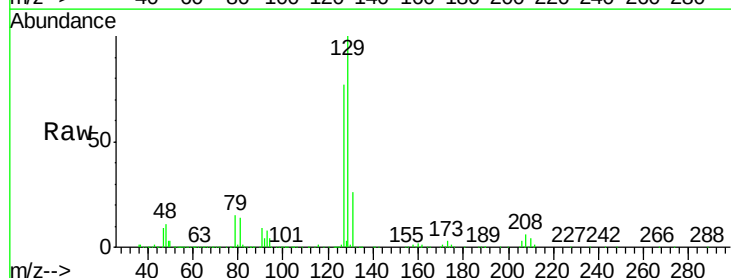
Manual Integrations
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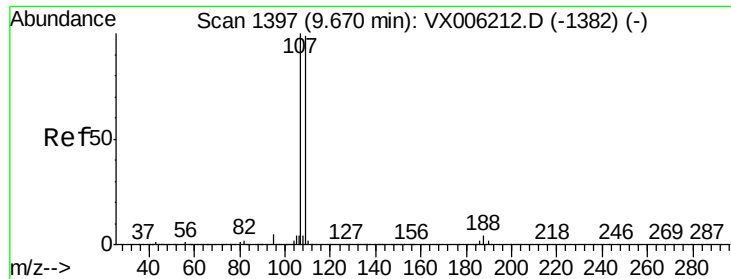
MMDadoda
12/17/2018 12:12:31 PM



#60
Dibromochloromethane
Concen: 48.426 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 129 Resp: 328762
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 56.185 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 345882

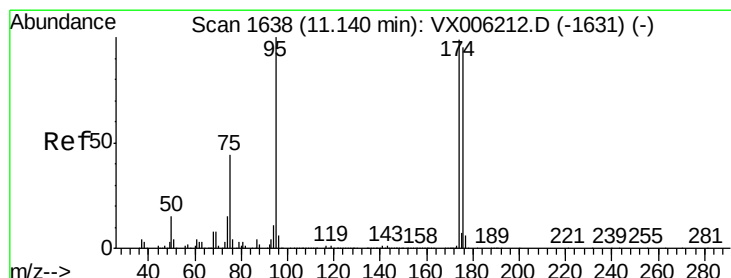
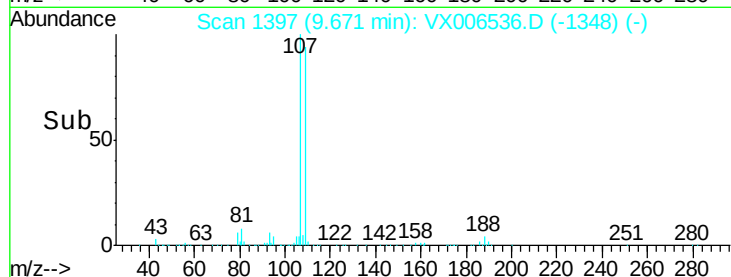
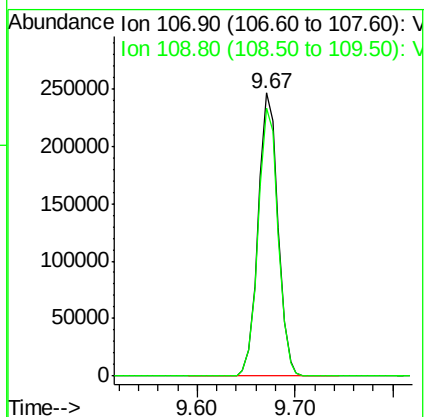
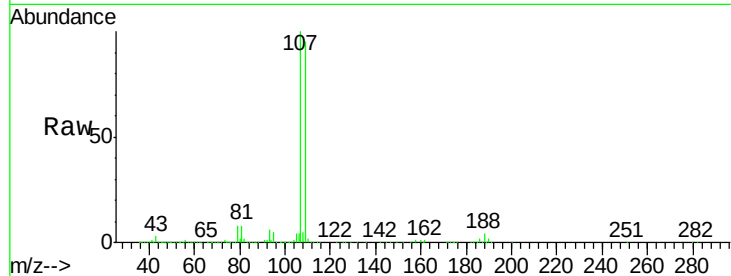
Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5

Manual Integrations
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12/17/2018 12:12:31 PM



#62

4-Bromofluorobenzene

Concen: 52.025 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

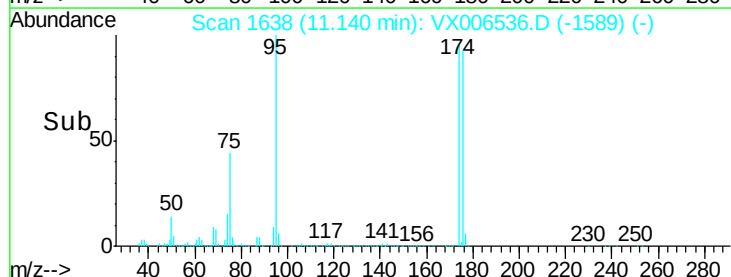
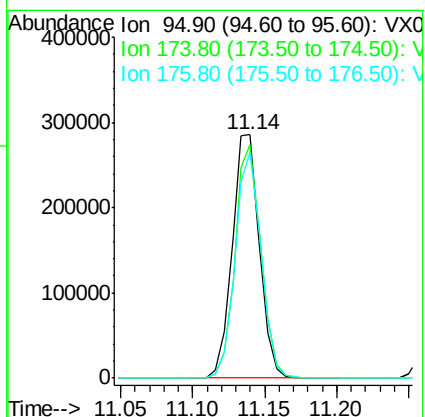
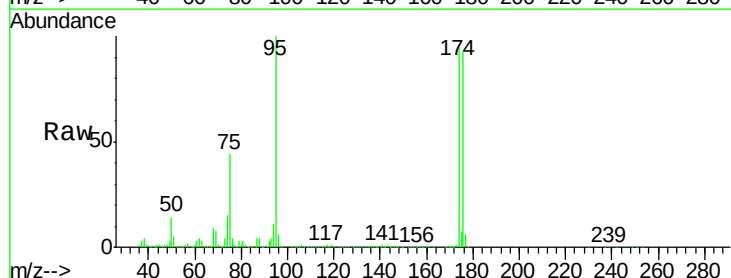
Tgt Ion: 95 Resp: 377085

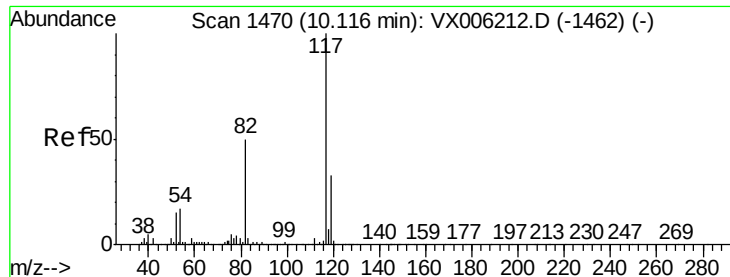
Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.0

176 88.5 0.0 181.8





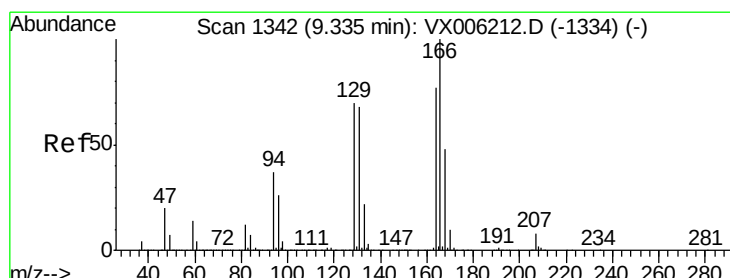
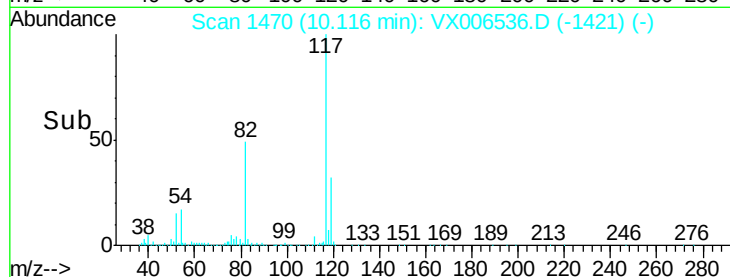
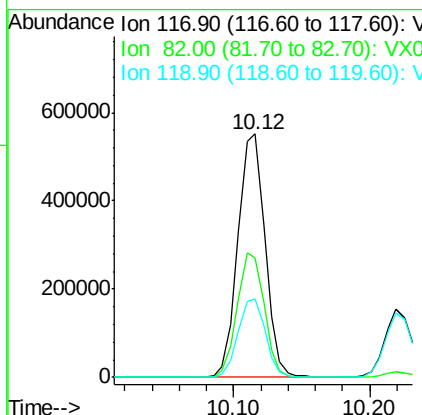
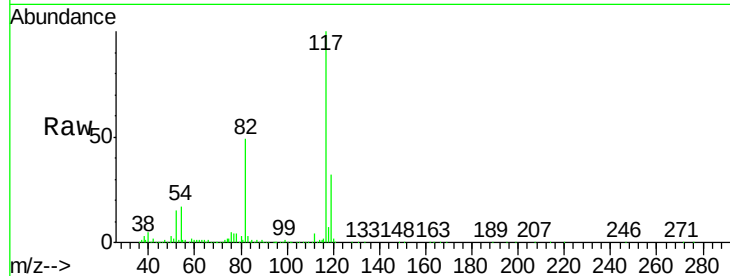
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	769478		
82	48.8	39.6	59.4	
119	32.4	26.3	39.5	

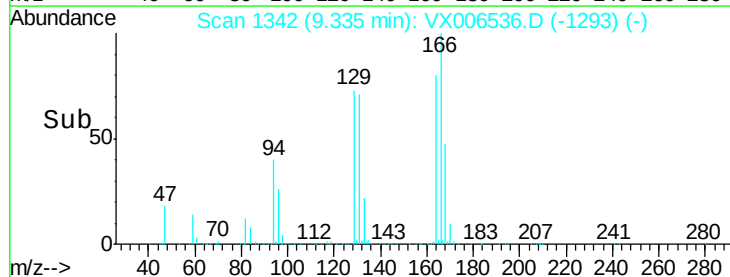
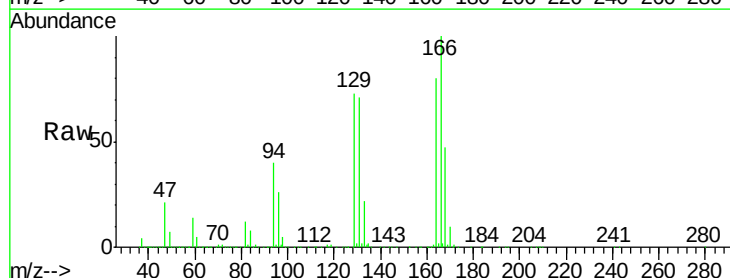
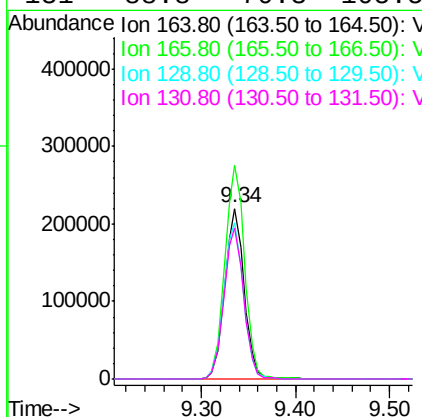
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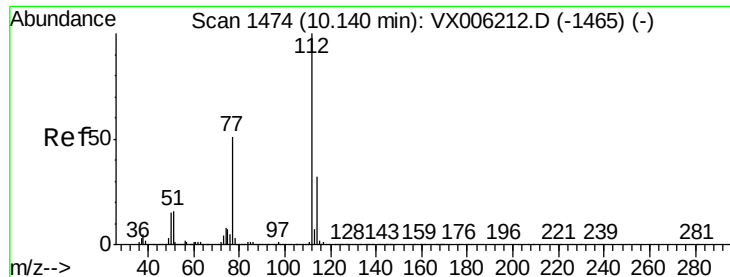
MMDadoda
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#64
Tetrachloroethene
Concen: 54.011 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	312989		
166	125.2	104.2	156.2	
129	91.9	72.6	108.8	
131	88.8	70.3	105.5	





#65

Chlorobenzene

Concen: 53.863 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 879822

Ion Ratio Lower Upper

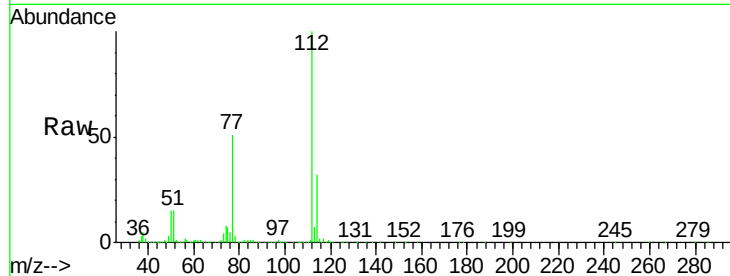
112 100

114 32.1 25.4 38.2

Manual Integrations
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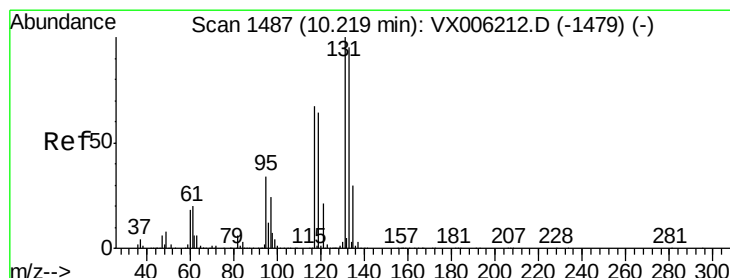
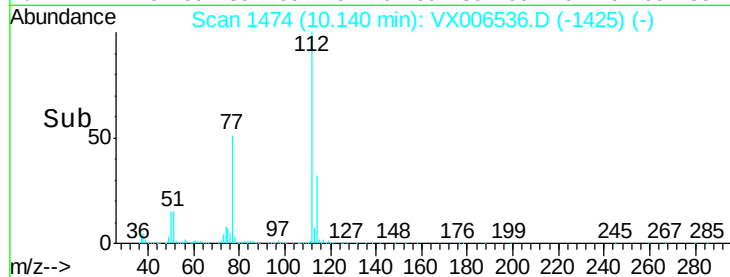
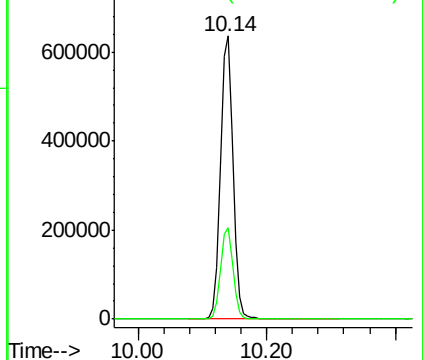
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.790 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

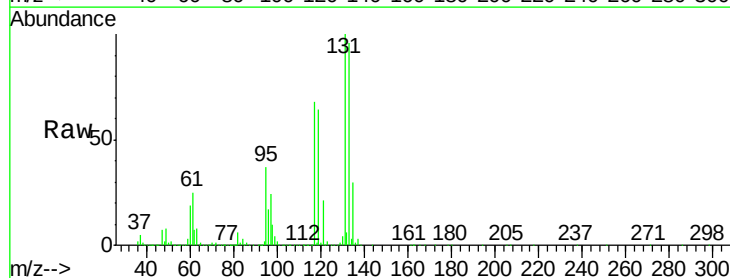
Tgt Ion:131 Resp: 309641

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

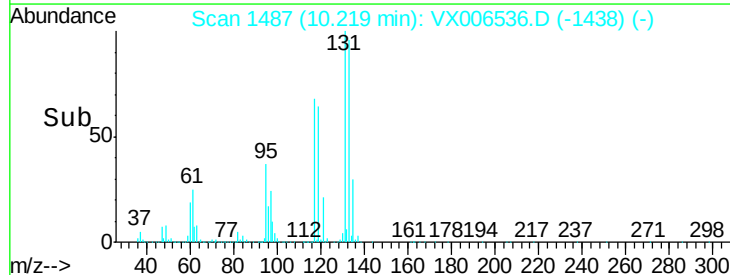
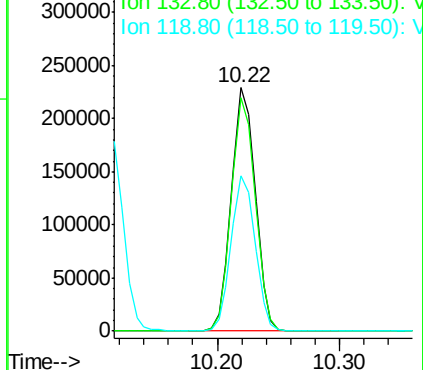
119 64.0 32.1 96.3

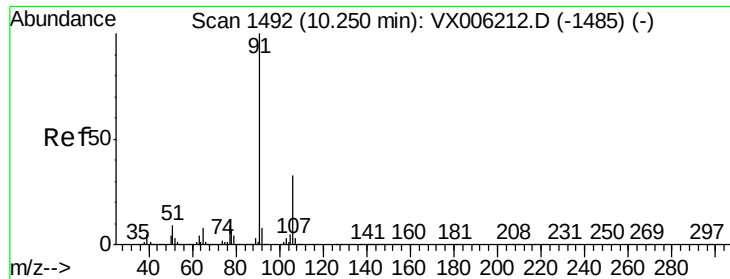


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





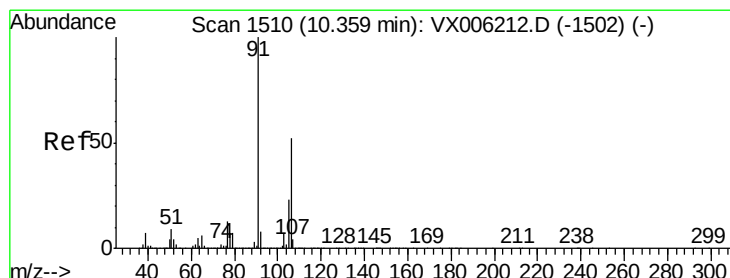
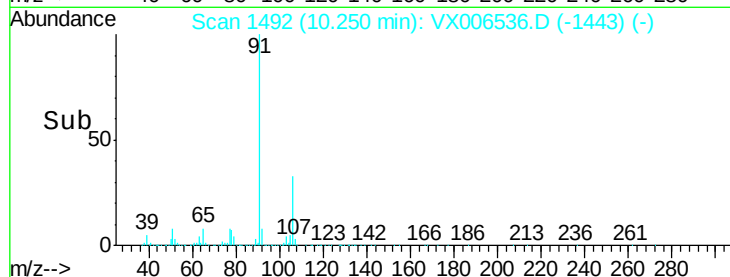
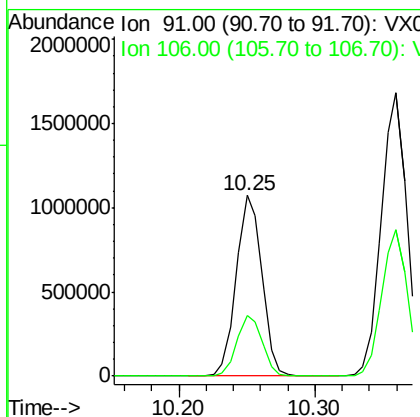
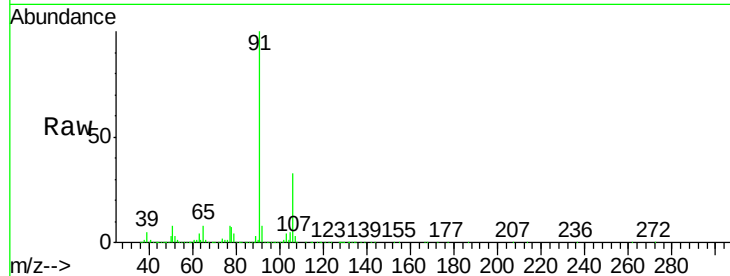
#67
Ethyl Benzene
Concen: 52.068 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1414531
Ion Ratio Lower Upper
91 100
106 33.3 26.5 39.7

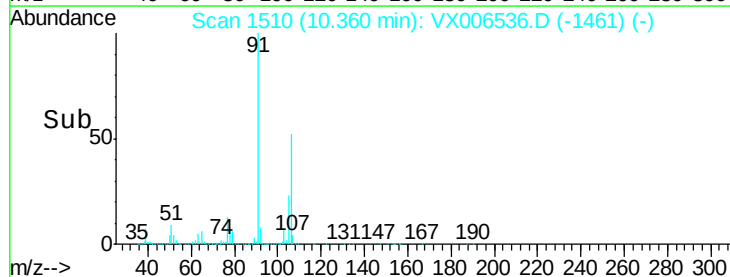
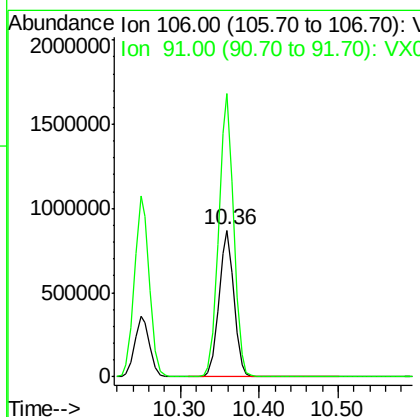
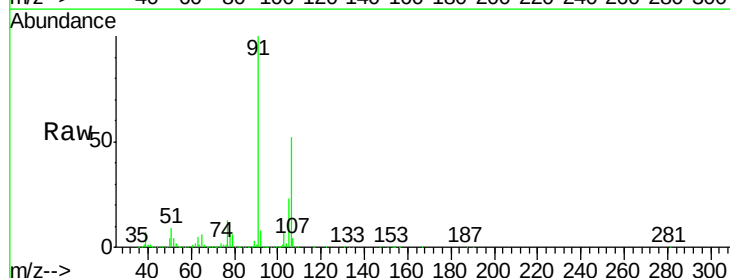
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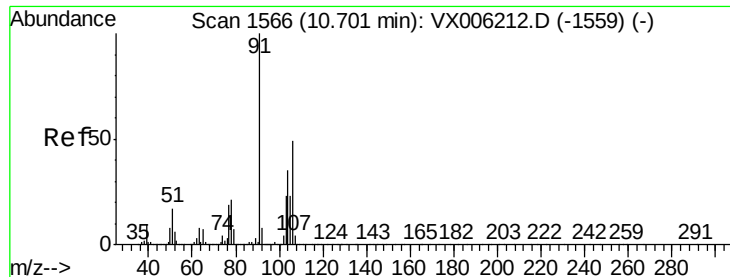
MMDadoda
12/17/2018 12:12:31 PM



#68
m/p-Xylenes
Concen: 105.374 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 106 Resp: 1146720
Ion Ratio Lower Upper
106 100
91 192.7 155.2 232.8





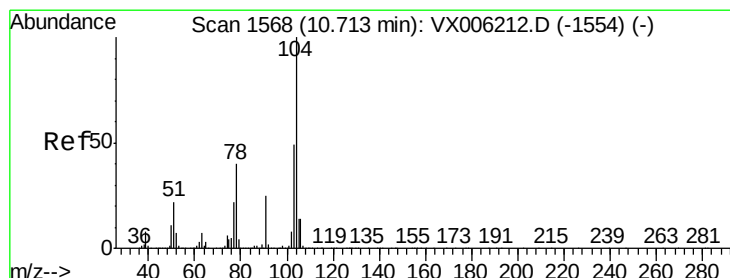
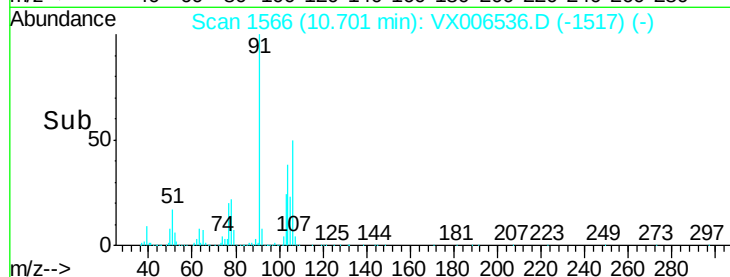
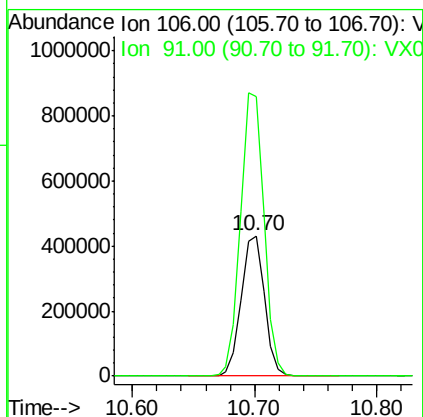
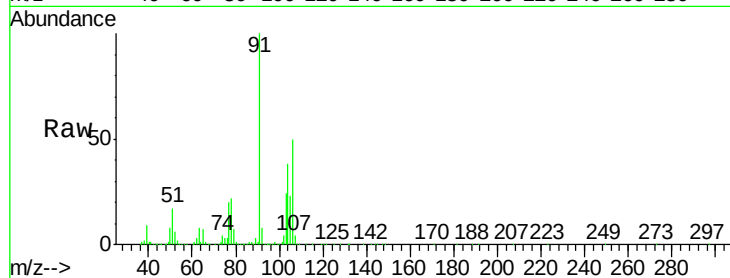
#69
o-Xylene
Concen: 52.902 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	568659		
91	203.8	101.8	305.6	

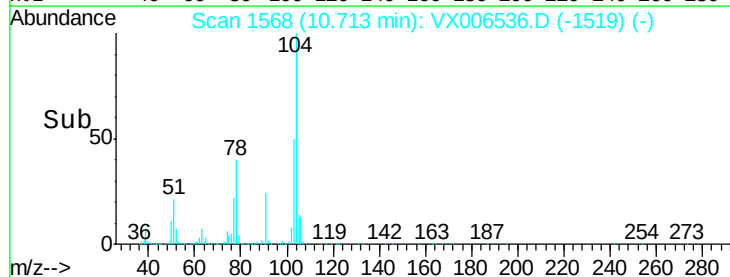
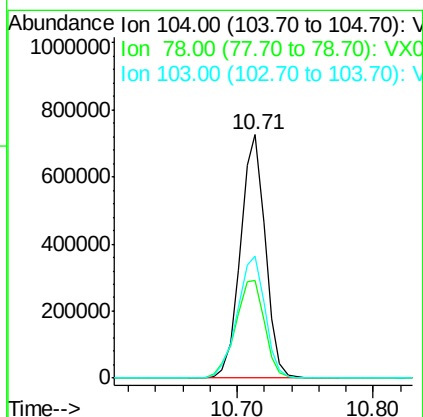
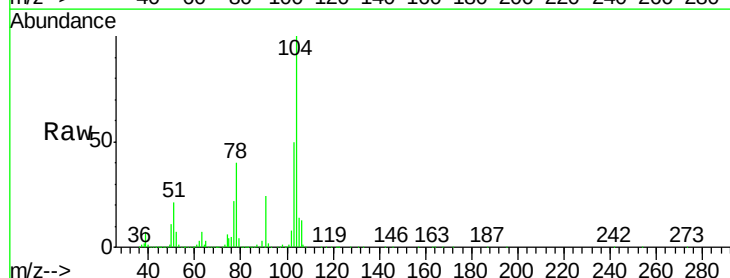
Manual Integrations
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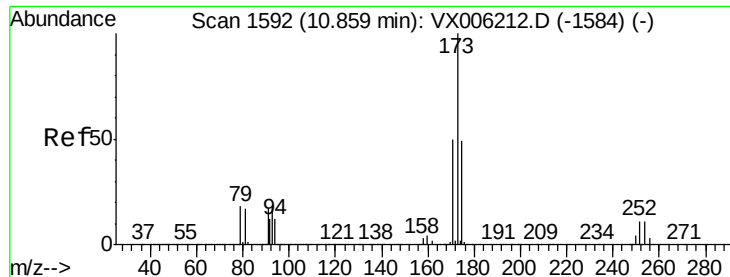
MMDadoda
12/17/2018 12:12:31 PM



#70
Styrene
Concen: 53.204 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	924979		
78	46.8	37.2	55.8	
103	55.8	43.5	65.3	





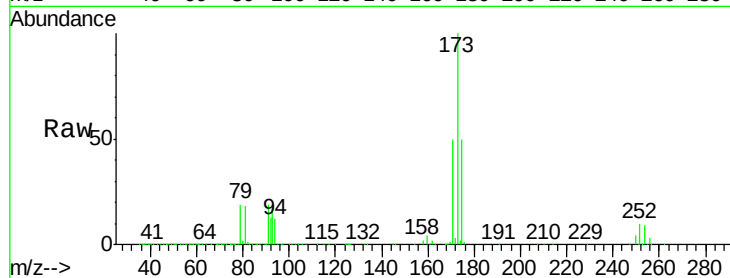
#71
Bromoform
Concen: 40.726 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

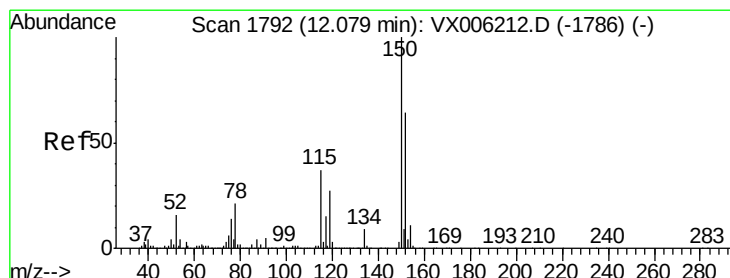
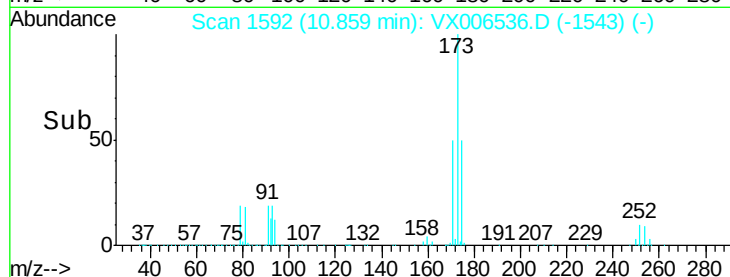
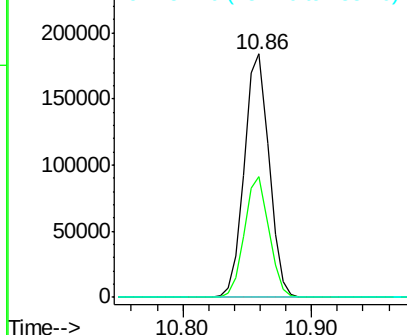
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	73.8
254	0.2	0.2	0.2

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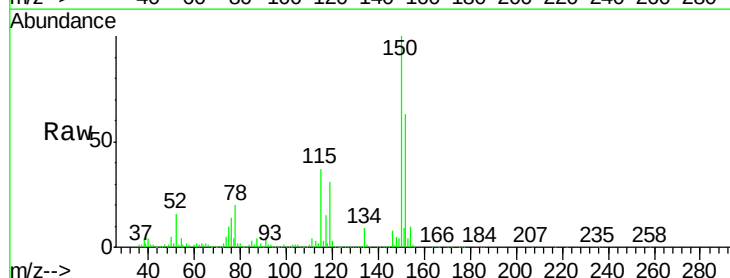


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

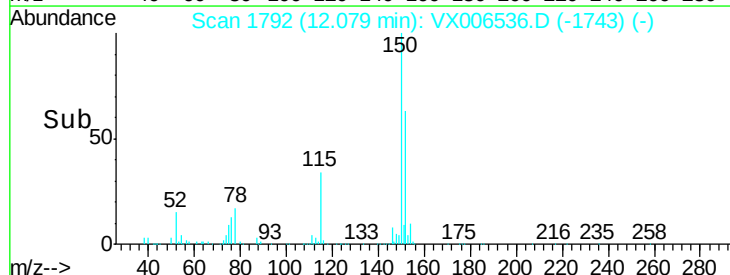
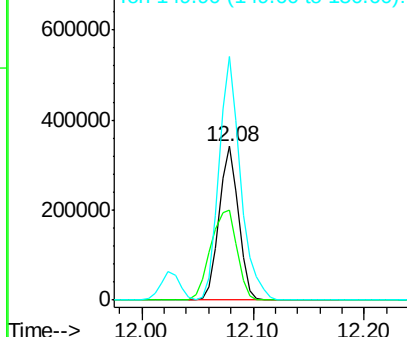


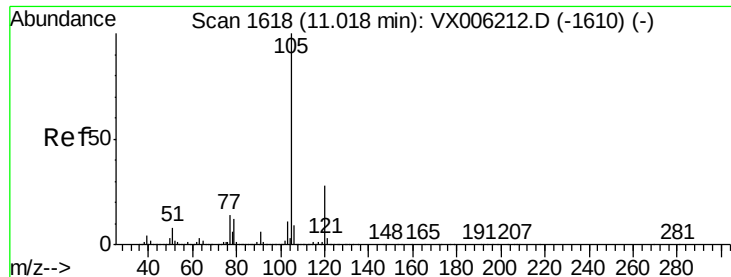
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.4	39.0	116.9
150	176.1	0.0	345.8



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: 52.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1482804

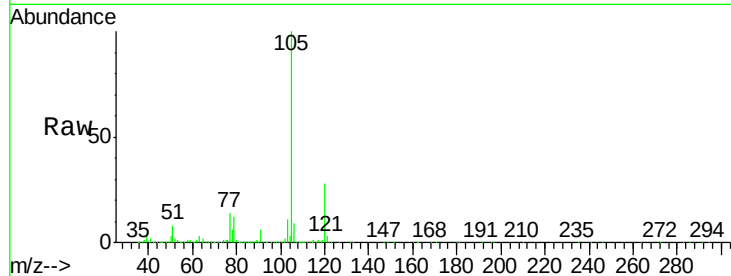
Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.3

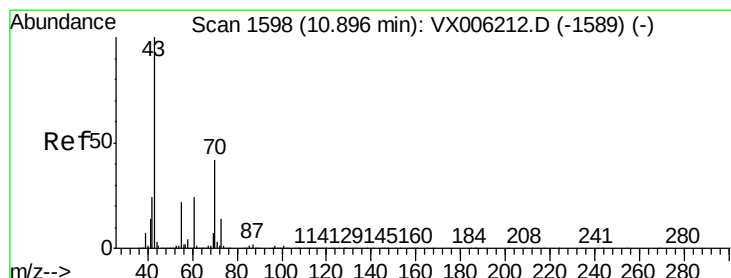
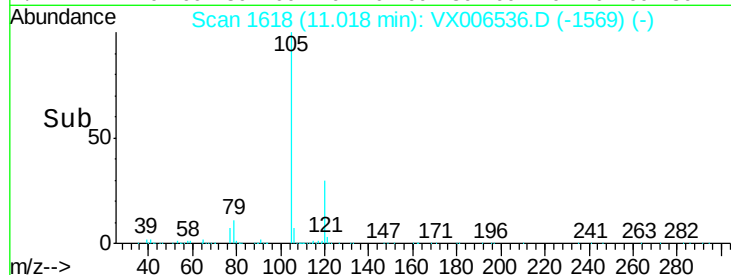
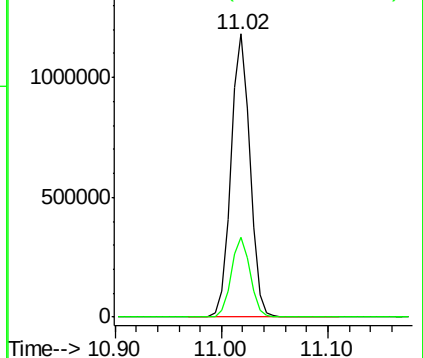
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.971 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion: 43 Resp: 574478

Ion Ratio Lower Upper

43 100

70 45.2 34.1 51.1

55 24.6 17.8 26.8

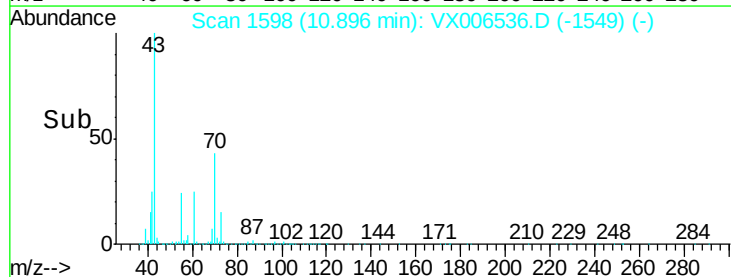
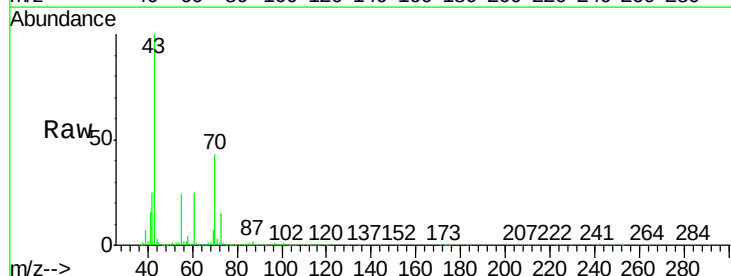
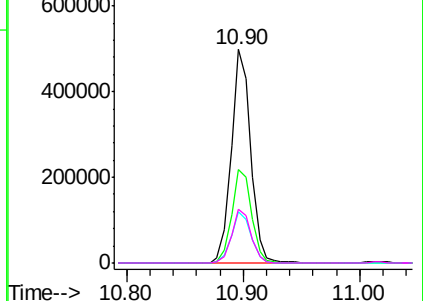
61 25.3 19.7 29.5

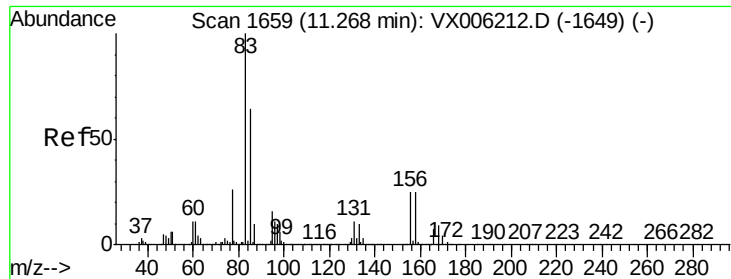
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.832 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

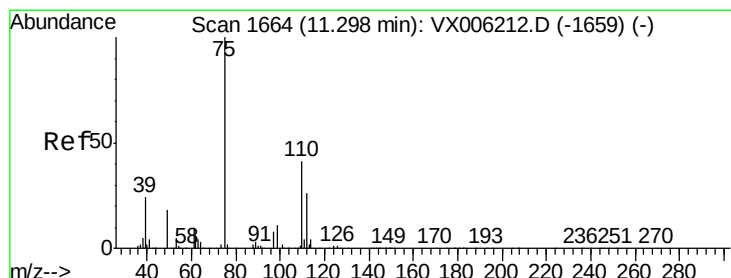
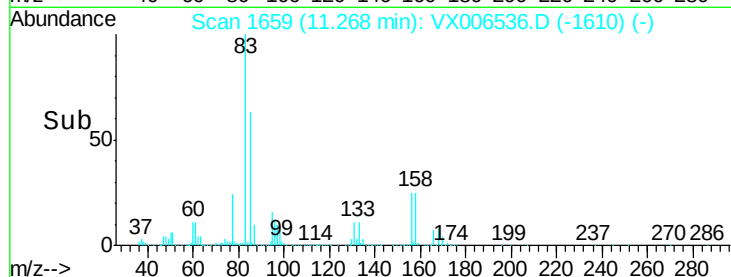
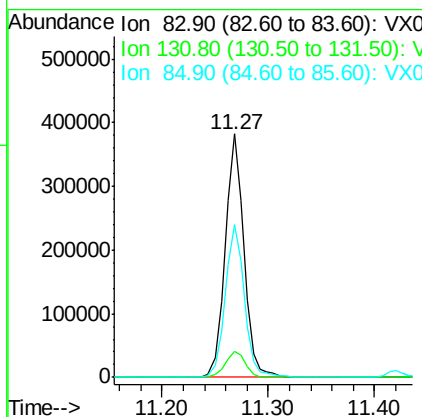
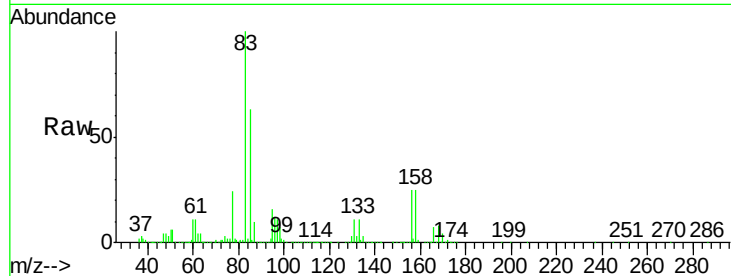
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	470963
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	64.1	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.248 ug/l m

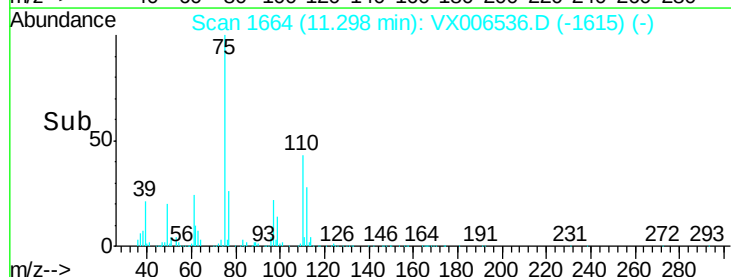
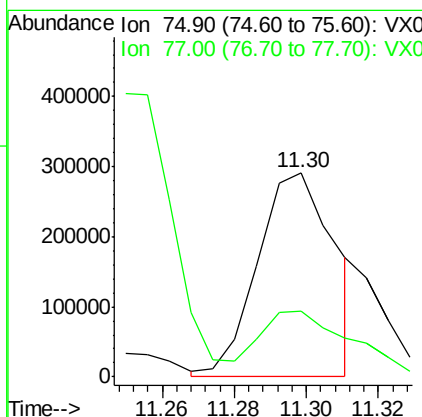
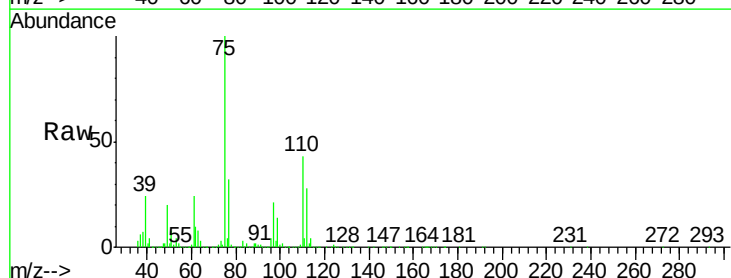
RT: 11.30 min Scan# 1664

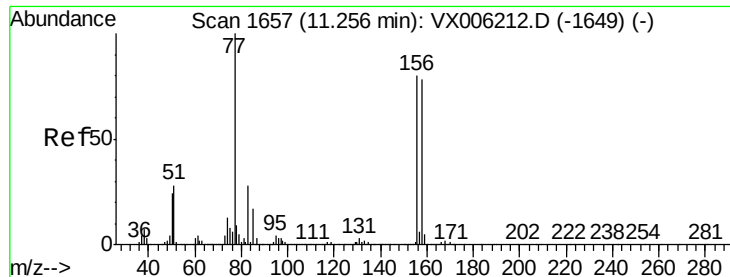
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	75	Resp:	430634
Ion Ratio	Lower	Upper	
75	100		
77	38.5	19.9	59.7





#77

Bromobenzene

Concen: 52.274 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

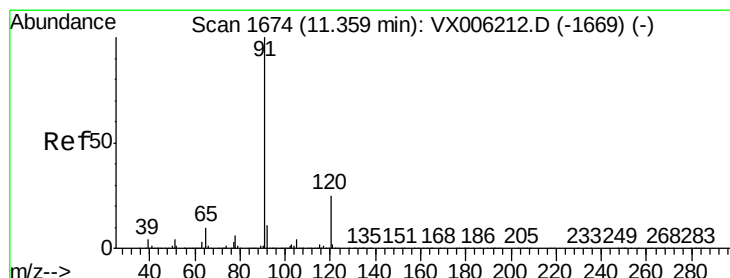
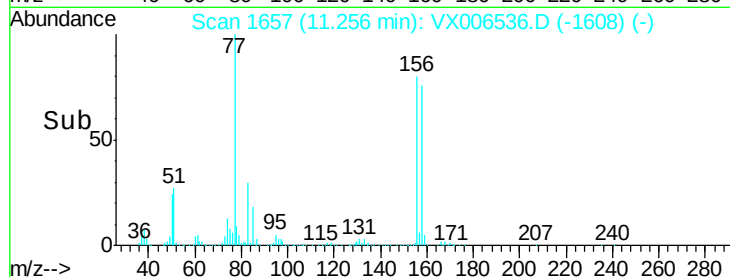
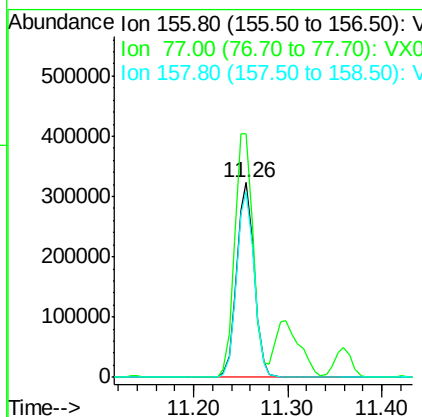
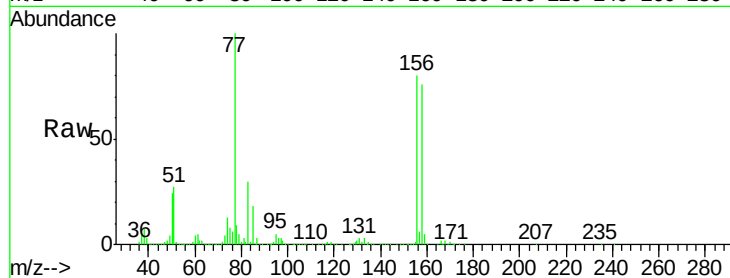
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	412022
Ion Ratio	Lower	Upper	
156	100		
77	134.2	66.2	198.6
158	96.7	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 52.626 ug/l

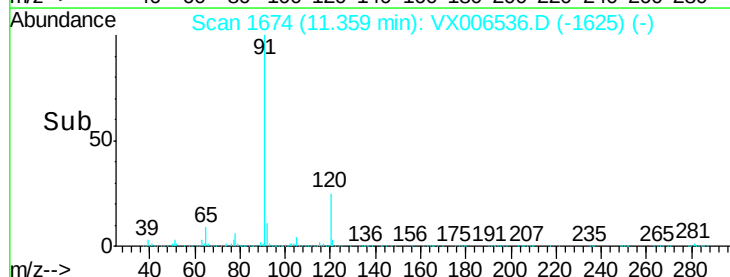
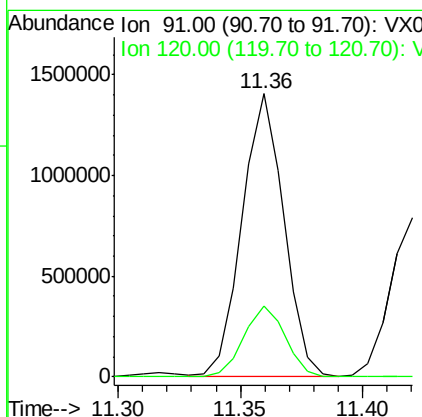
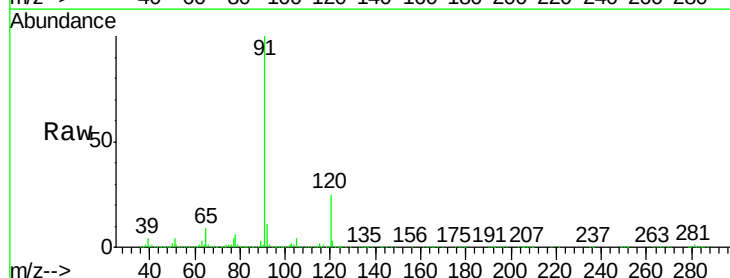
RT: 11.36 min Scan# 1674

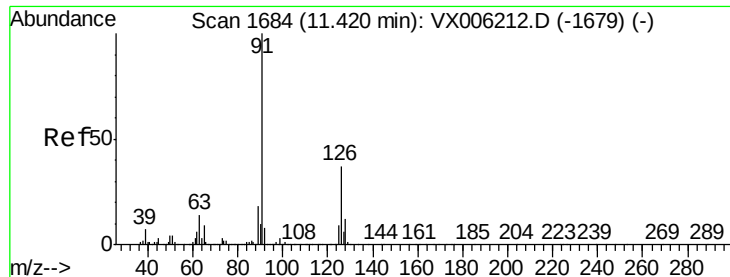
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	91	Resp:	1661469
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 52.488 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 984929

Ion Ratio Lower Upper

91 100

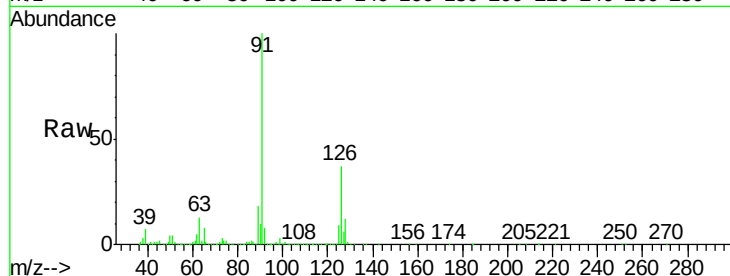
126 37.3 18.6 56.0

Manual Integrations

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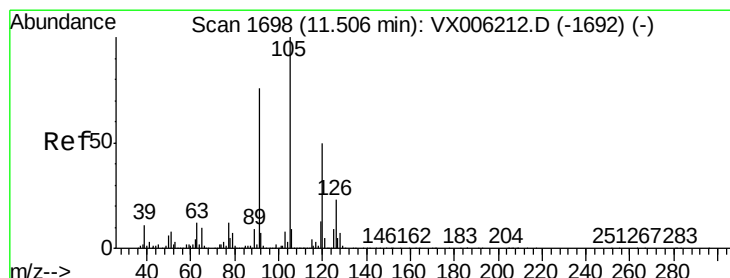
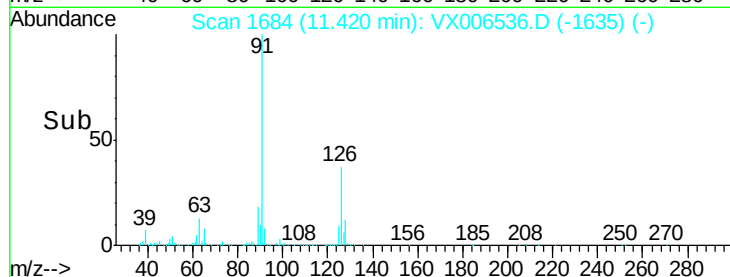
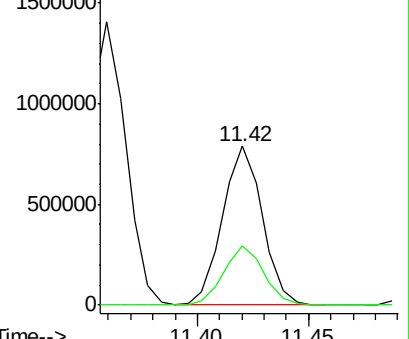
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.125 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006536.D

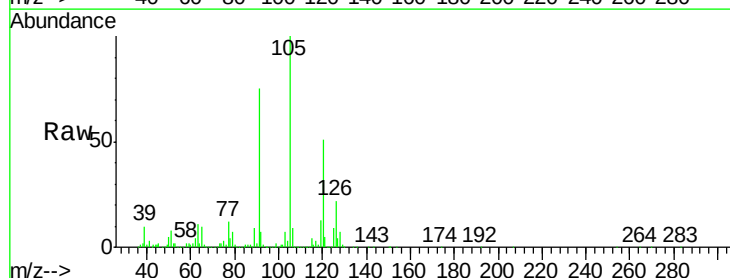
Acq: 15 Dec 2018 01:02

Tgt Ion: 105 Resp: 1231773

Ion Ratio Lower Upper

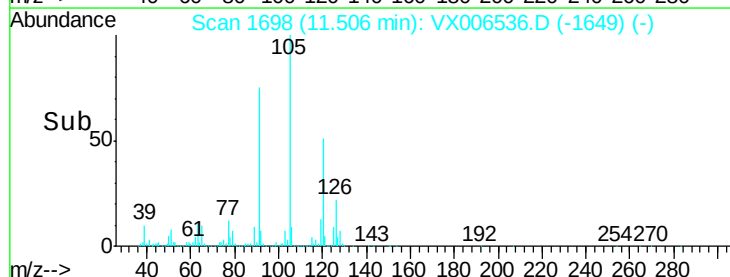
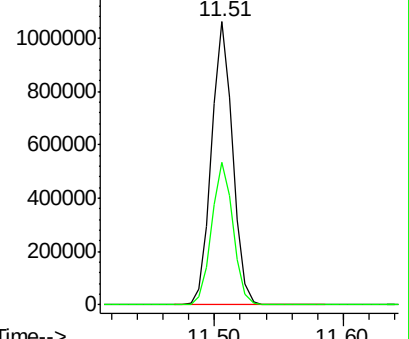
105 100

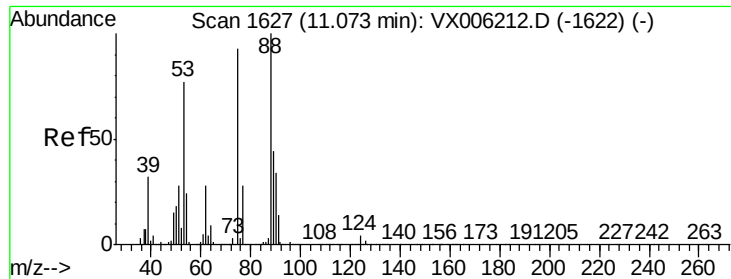
120 51.0 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 37.066 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

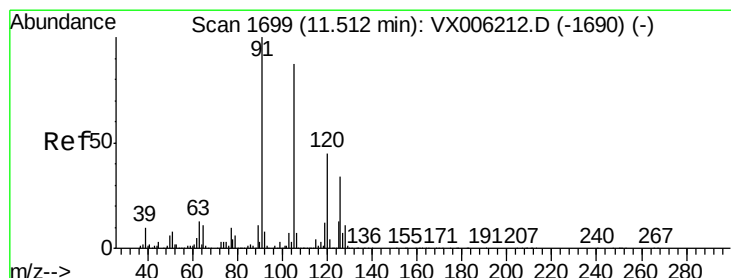
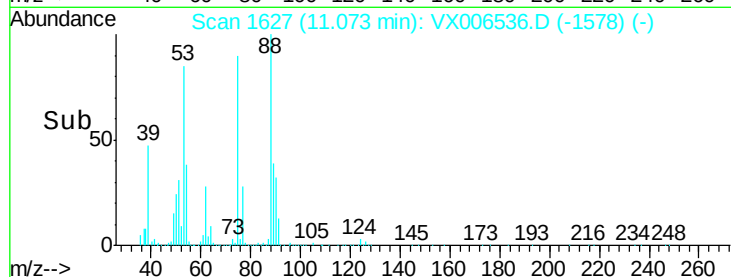
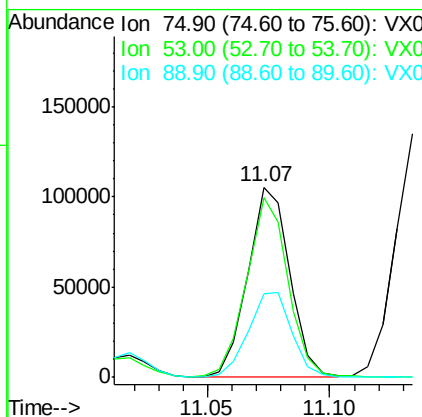
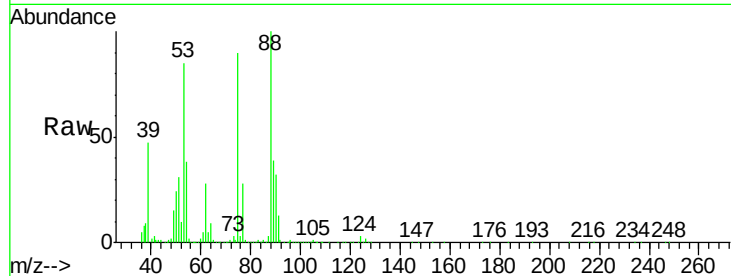
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	125383
Ion Ratio	Lower	Upper	
75	100		
53	94.4	64.4	96.6
89	46.7	44.2	66.4

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#82

4-Chlorotoluene

Concen: 51.870 ug/l

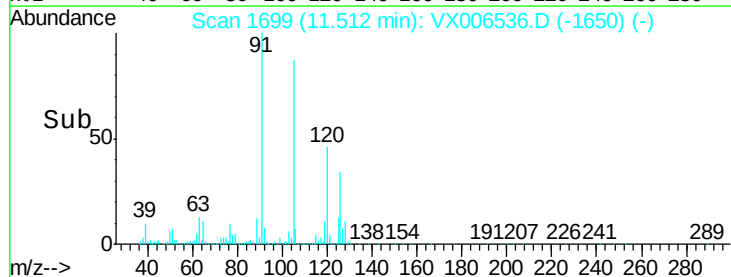
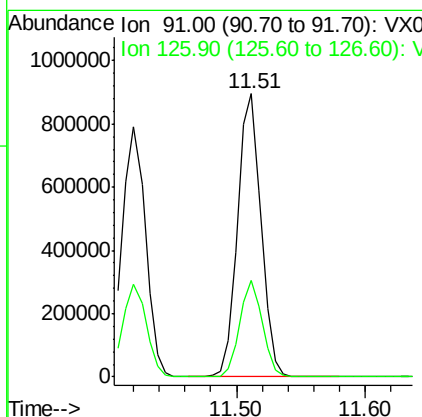
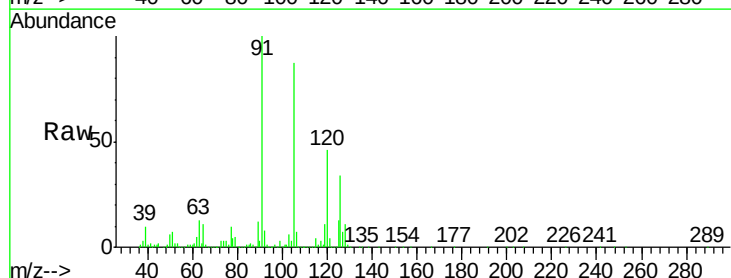
RT: 11.51 min Scan# 1699

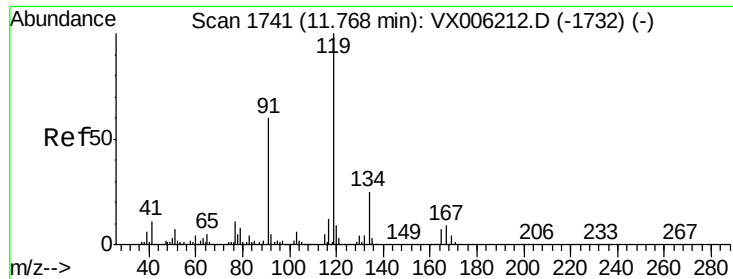
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	91	Resp:	1131649
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





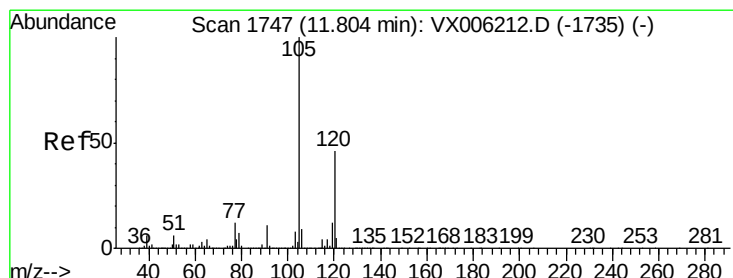
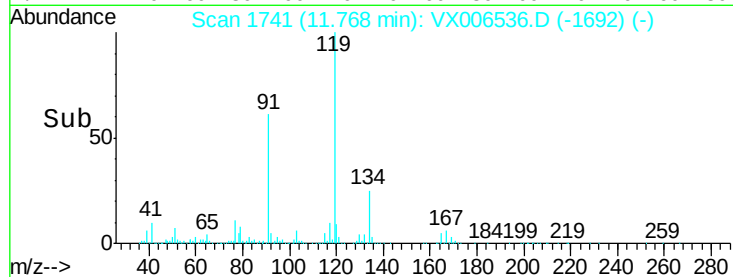
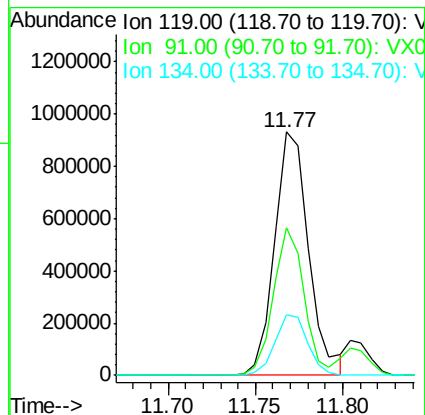
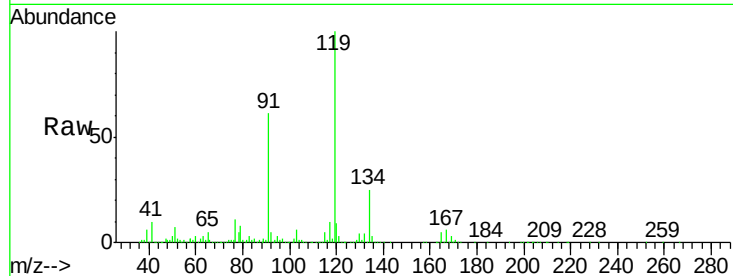
#83
 tert-Butylbenzene
 Concen: 50.060 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1262174
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.4 79.2
 134 24.0 11.6 34.7

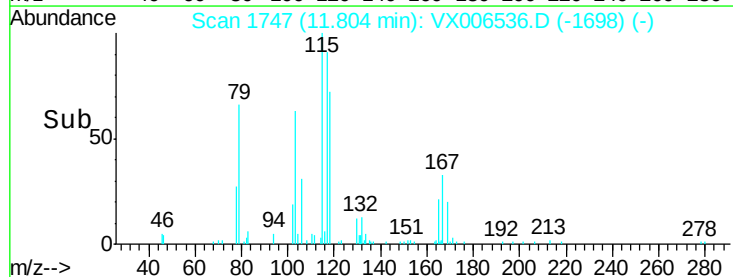
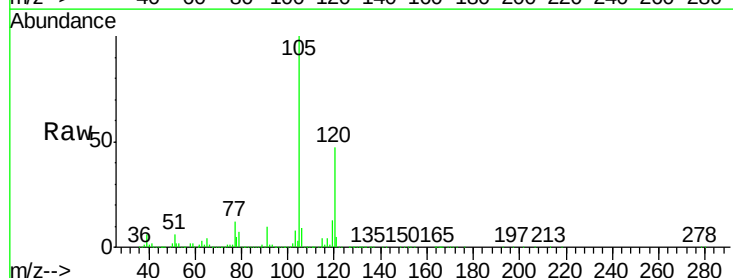
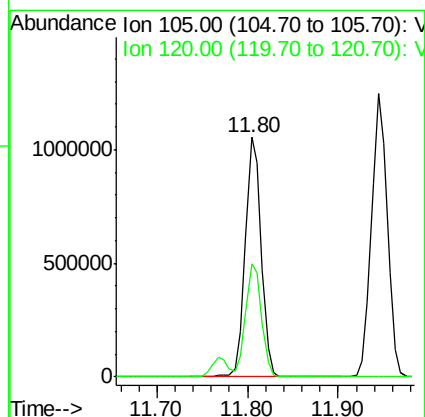
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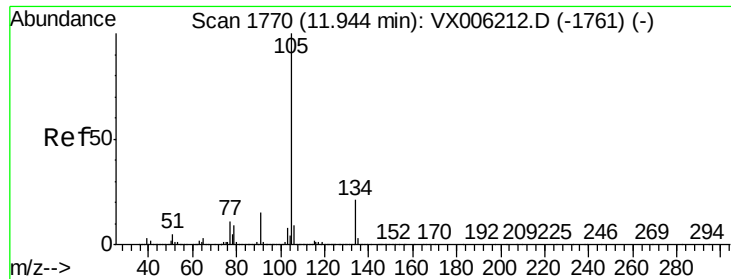
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.509 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion:105 Resp: 1281283
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.780 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1513920

Ion Ratio Lower Upper

105 100

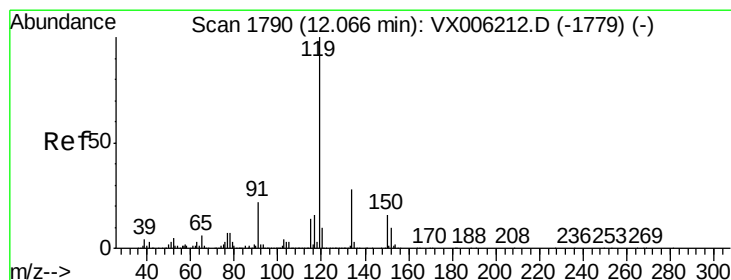
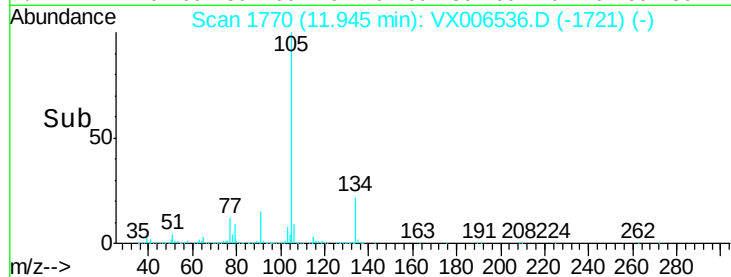
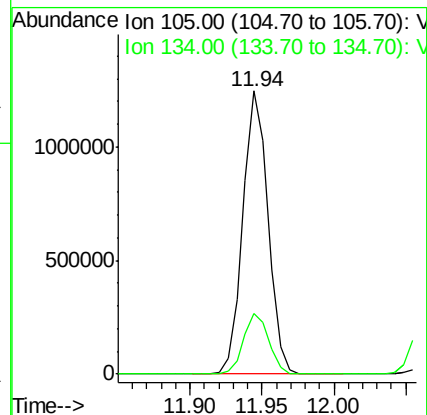
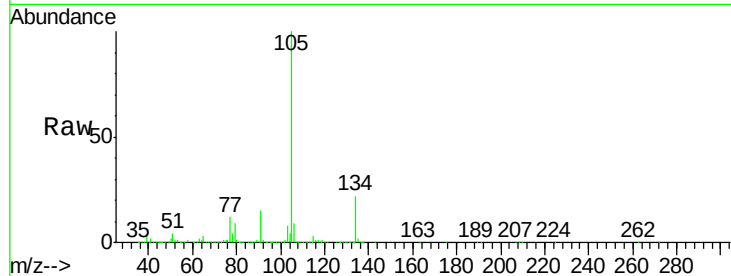
134 21.4 10.8 32.4

Manual Integrations

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12/17/2018 12:12:31 PM



#86

p-Isopropyltoluene

Concen: 52.393 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

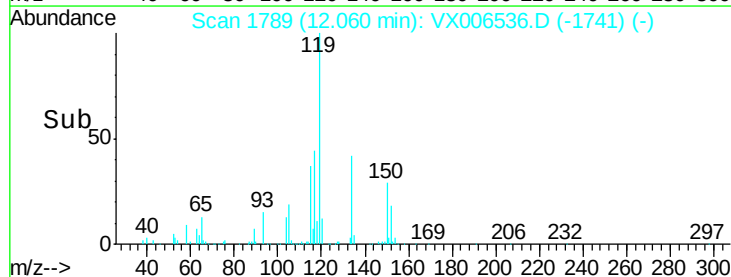
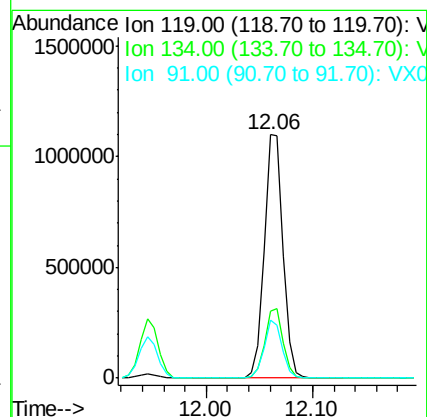
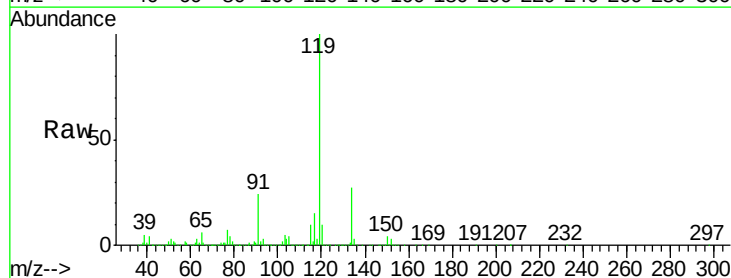
Tgt Ion:119 Resp: 1353256

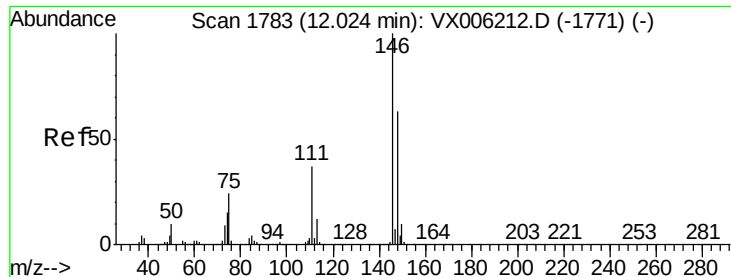
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 22.5 11.3 33.8





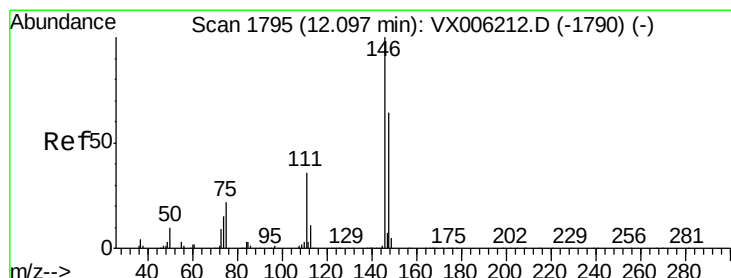
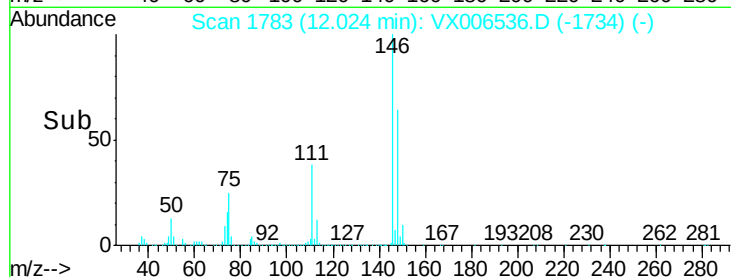
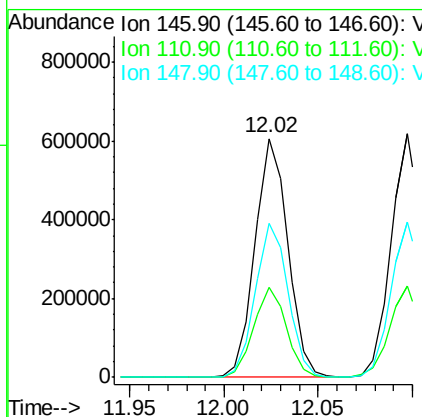
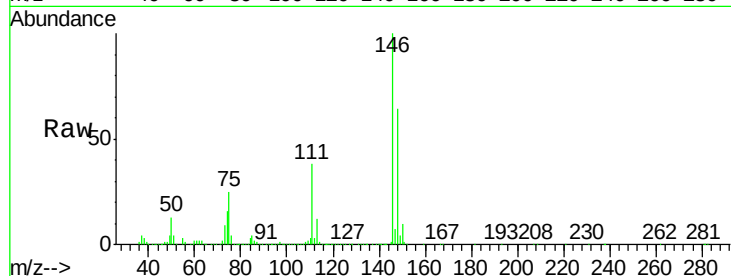
#87
 1,3-Dichlorobenzene
 Concen: 52.471 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	64.1	32.0	96.0

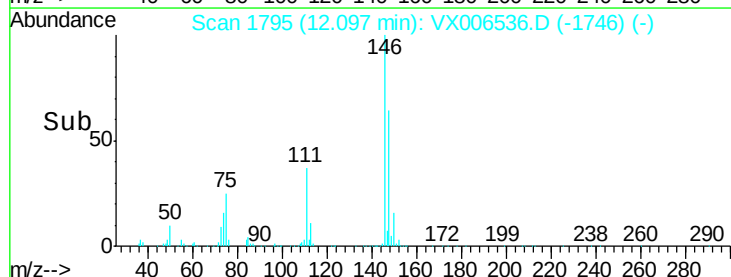
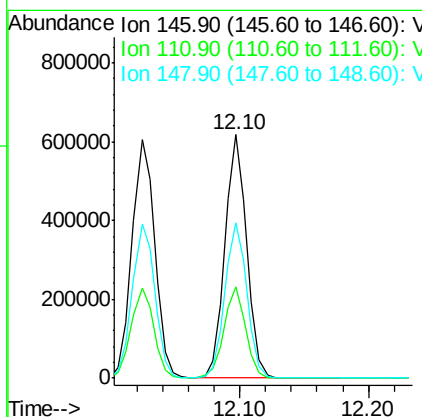
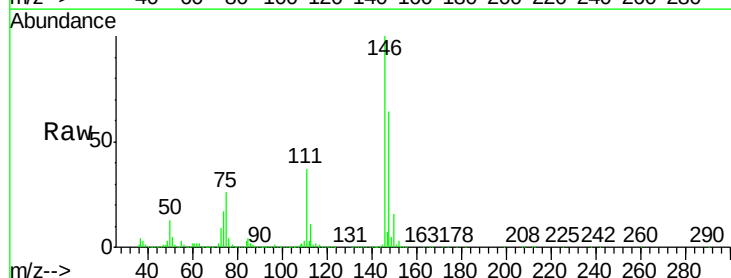
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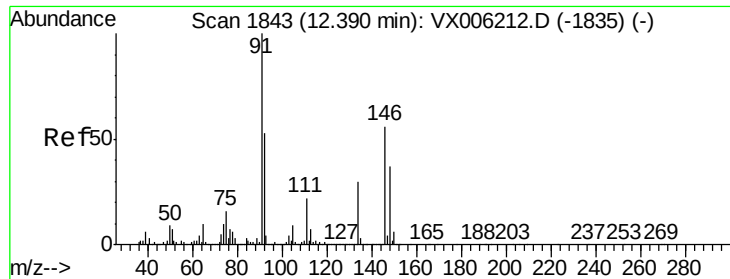
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#88
 1,4-Dichlorobenzene
 Concen: 51.556 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.8
148	64.8	31.9	95.9





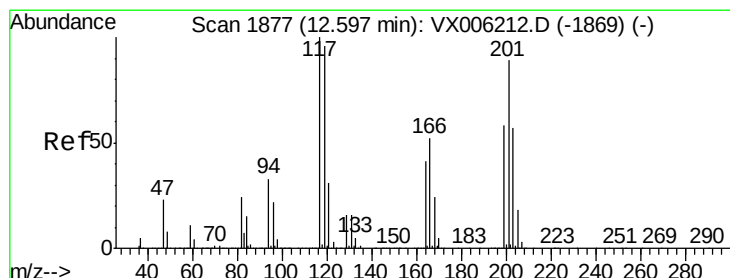
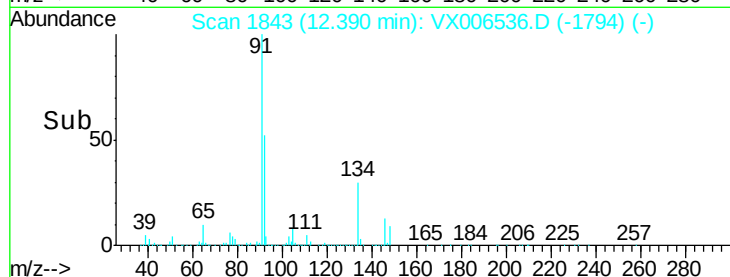
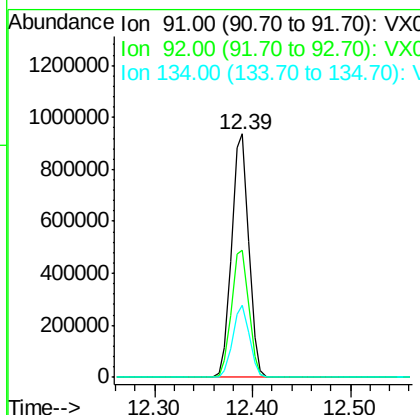
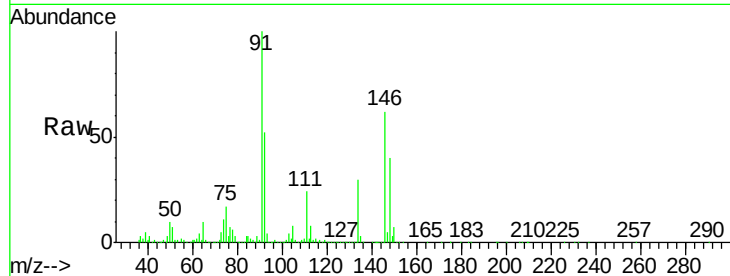
#89
n-Butylbenzene
Concen: 51.654 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1138376
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 29.1 14.8 44.3

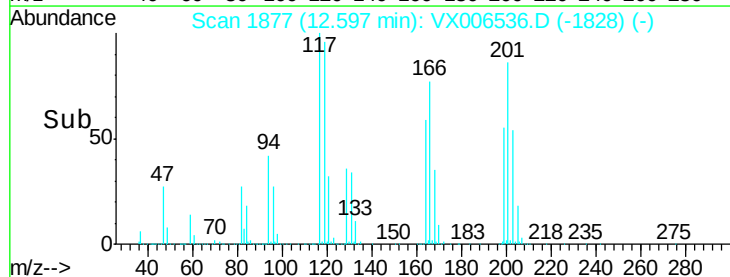
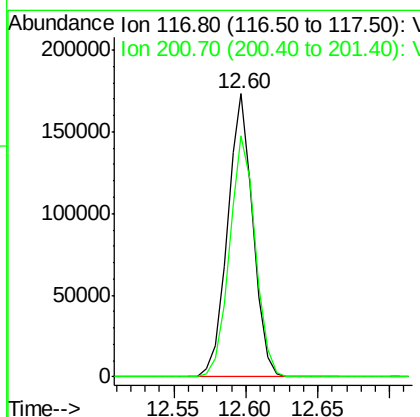
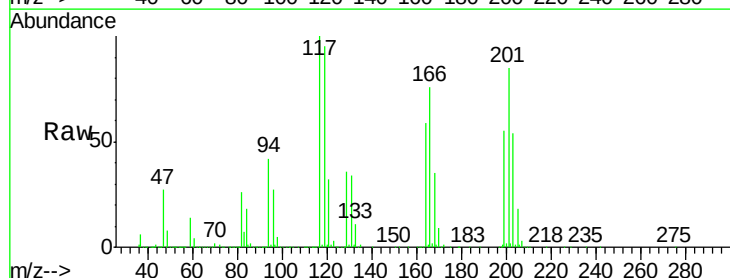
Manual Integrations
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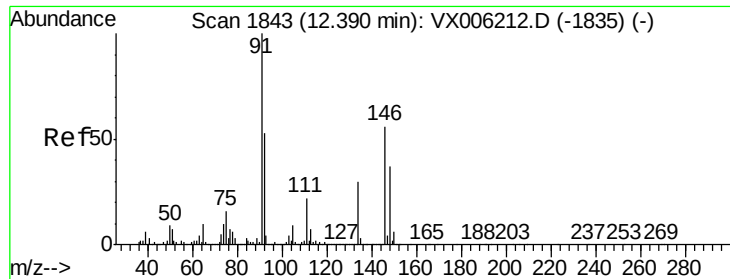
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#90
Hexachloroethane
Concen: 40.615 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 117 Resp: 213807
Ion Ratio Lower Upper
117 100
201 86.8 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 52.451 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

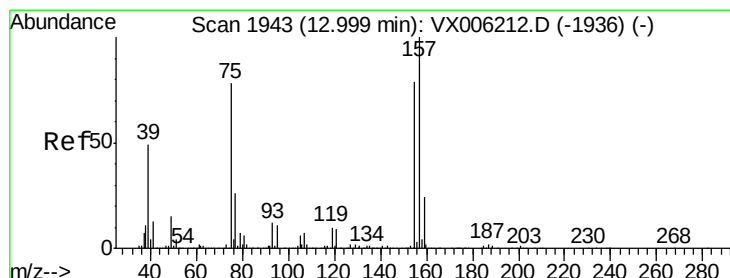
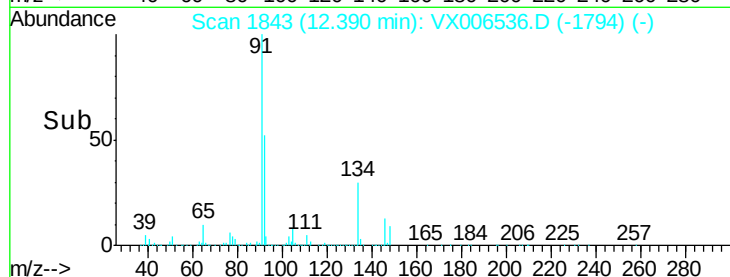
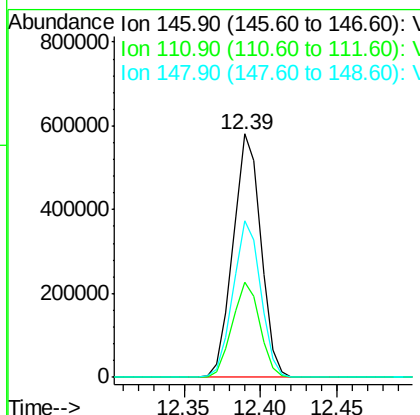
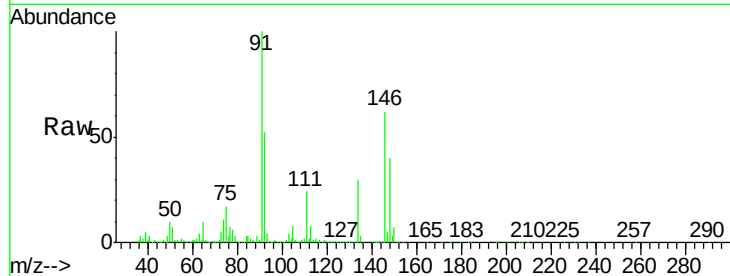
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	730081
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.3
148	64.2	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.238 ug/l

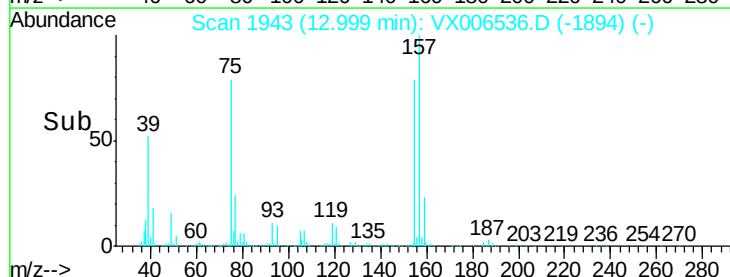
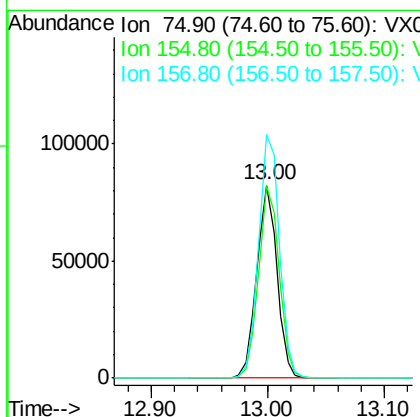
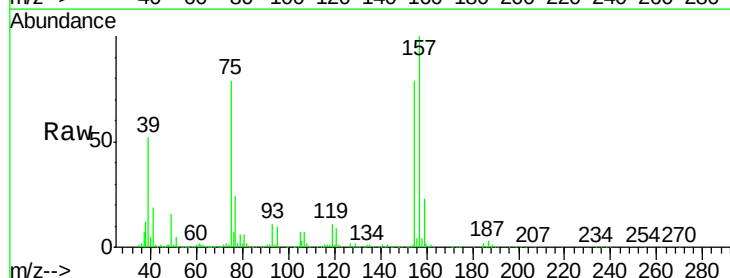
RT: 13.00 min Scan# 1943

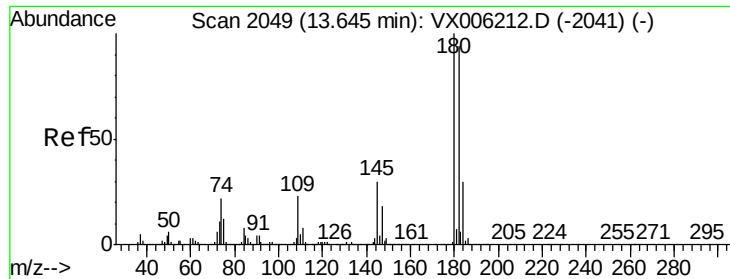
Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:	75	Resp:	100710
Ion Ratio	Lower	Upper	
75	100		
155	101.9	53.4	160.3
157	130.6	68.0	203.8





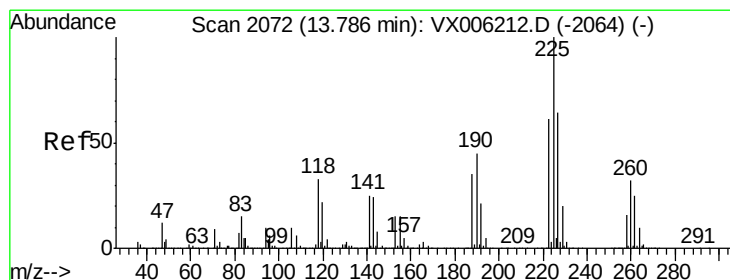
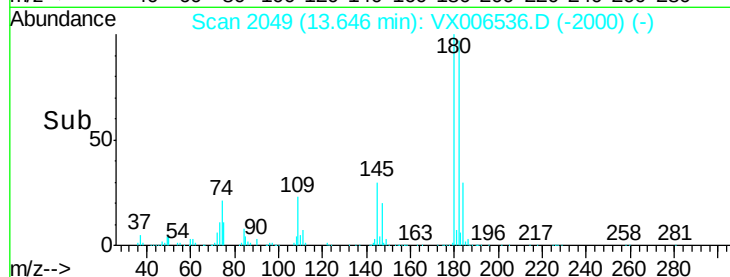
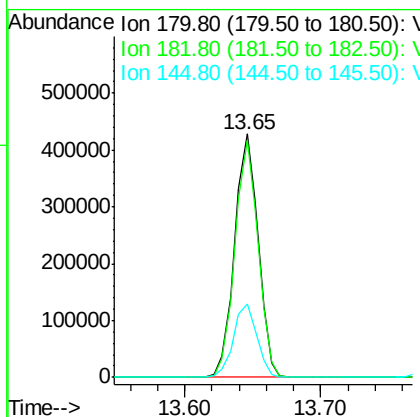
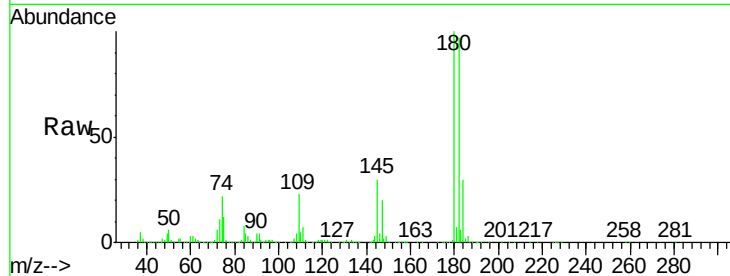
#93
 1,2,4-Trichlorobenzene
 Concen: 50.814 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	516011		
182	95.7	47.3	141.9	
145	30.1	14.6	43.8	

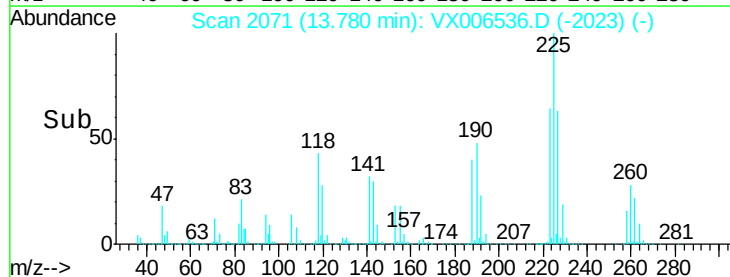
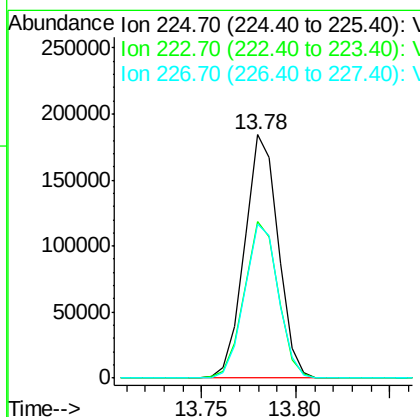
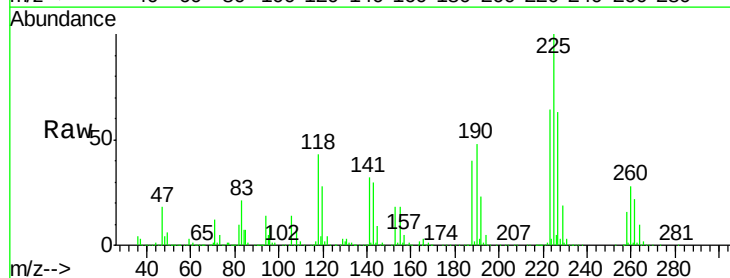
Manual Integrations
 APPROVED

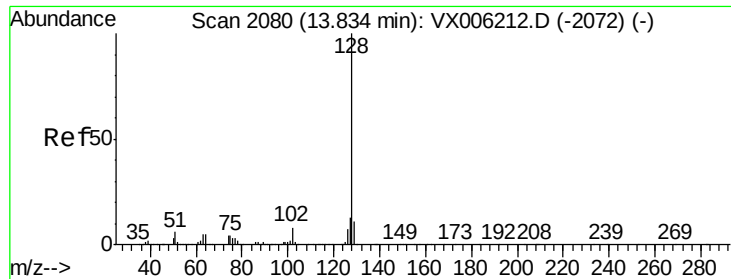
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 50.682 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	227609		
223	64.7	31.2	93.6	
227	63.9	31.9	95.5	





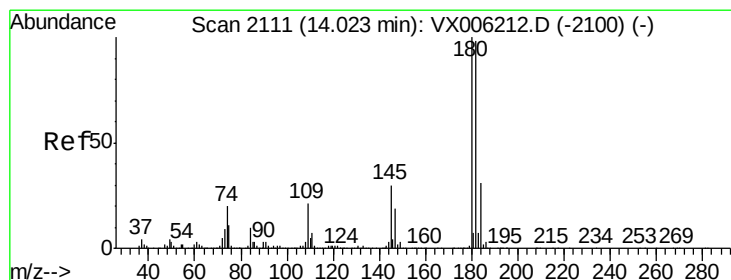
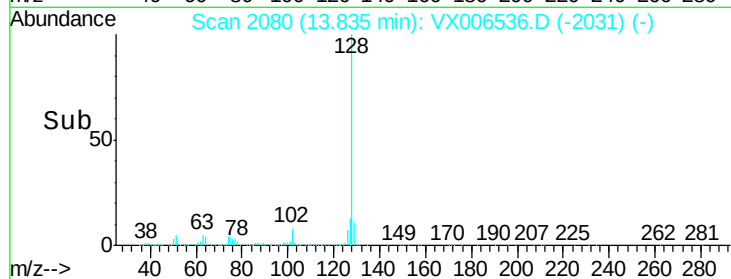
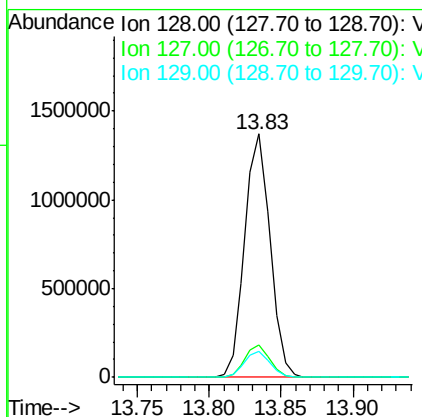
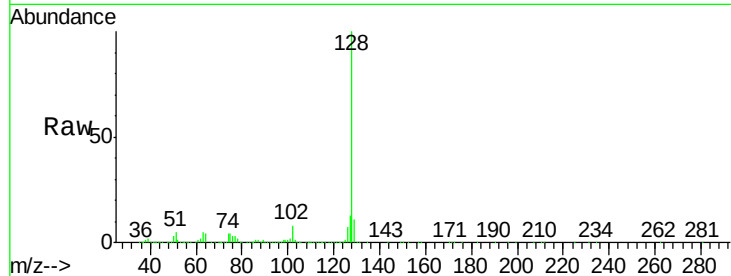
#95
Naphthalene
Concen: 53.142 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/17/2018 12:12:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.758 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.2
145	32.0	15.6	46.8

