

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122118\
 Data File : VX006735.D
 Acq On : 21 Dec 2018 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:21:13 AM

Quant Time: Dec 22 04:48:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	525826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	829924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	732533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	295125	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	5.51	113	271329	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	8.72	98	942092	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	338337	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	216021	44.907	ug/l	100
3) Chloromethane	1.33	50	236708	45.675	ug/l	98
4) Vinyl Chloride	1.41	62	260013	48.038	ug/l	98
5) Bromomethane	1.64	94	252552	50.000	ug/l	99
6) Chloroethane	1.71	64	175588	46.851	ug/l	100
7) Trichlorofluoromethane	1.93	101	433648	51.388	ug/l	98
8) Diethyl Ether	2.19	74	177765	53.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	253405	51.143	ug/l	99
10) Methyl Iodide	2.51	142	353088	49.783	ug/l	100
11) Tert butyl alcohol	3.09	59	363892	287.719	ug/l	99
12) 1,1-Dichloroethene	2.37	96	236777	50.398	ug/l	97
13) Acrolein	2.30	56	217277	254.659	ug/l	98
14) Allyl chloride	2.73	41	420396	53.161	ug/l	98
15) Acrylonitrile	3.15	53	830485	295.743	ug/l	100
16) Acetone	2.45	43	695329	267.059	ug/l	98
17) Carbon Disulfide	2.57	76	555787	44.703	ug/l	100
18) Methyl Acetate	2.78	43	474708	62.005	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	884112	56.699	ug/l	99
20) Methylene Chloride	2.86	84	279745	51.960	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	260633	50.069	ug/l	99
22) Diisopropyl ether	3.87	45	806573	55.752	ug/l	95
23) Vinyl Acetate	3.83	43	3292594	278.238	ug/l	100
24) 1,1-Dichloroethane	3.70	63	444722	51.495	ug/l	99
25) 2-Butanone	4.71	43	1038381	283.527	ug/l	99
26) 2,2-Dichloropropane	4.59	77	264488	39.646	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	302645	52.695	ug/l	98
28) Bromochloromethane	5.02	49	203238	56.050	ug/l	95
29) Tetrahydrofuran	5.16	42	709879	294.293	ug/l	99
30) Chloroform	5.22	83	480760	53.756	ug/l	100
31) Cyclohexane	5.57	56	379769	48.404	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	398969	52.832	ug/l	99
36) 1,1-Dichloropropene	5.80	75	337402	49.086	ug/l	100
37) Ethyl Acetate	4.86	43	404816	56.584	ug/l	98
38) Carbon Tetrachloride	5.78	117	337260	50.487	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415866	45.955	ug/l	100
40) Benzene	6.14	78	1057836	50.629	ug/l	99
41) Methacrylonitrile	5.06	41	216773	57.071	ug/l	98
42) 1,2-Dichloroethane	6.20	62	365472	51.333	ug/l	99
43) Isopropyl Acetate	6.46	43	616877	56.670	ug/l	98
44) Trichloroethene	7.21	130	307448	48.617	ug/l	92
45) 1,2-Dichloropropane	7.52	63	269486	53.002	ug/l	98
46) Dibromomethane	7.66	93	194291	51.951	ug/l	99
47) Bromodichloromethane	7.90	83	331816	53.440	ug/l	96
48) Methyl methacrylate	7.78	41	317615	57.377	ug/l	99
49) 1,4-Dioxane	7.76	88	161180	1115.133	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1964474	283.632	ug/l	100
52) Toluene	8.79	92	661370	48.997	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	343731	51.618	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	389047	53.245	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	291191	52.704	ug/l	99
56) Ethyl methacrylate	9.18	69	422384	54.090	ug/l	98
57) 1,3-Dichloropropane	9.37	76	463122	52.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	1087423	261.967	ug/l	100
59) 2-Hexanone	9.50	43	1507731	284.515	ug/l	100
60) Dibromochloromethane	9.59	129	284840	49.325	ug/l	98
61) 1,2-Dibromoethane	9.67	107	315255	53.676	ug/l	99
64) Tetrachloroethene	9.34	164	280981	48.440	ug/l	98
65) Chlorobenzene	10.14	112	763718	49.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	272799	56.420	ug/l	99
67) Ethyl Benzene	10.25	91	1255684	49.585	ug/l	98
68) m/p-Xylenes	10.36	106	991496	99.222	ug/l	100
69) o-Xylene	10.70	106	487781	49.433	ug/l	97
70) Styrene	10.71	104	802491	51.405	ug/l	100
71) Bromoform	10.86	173	205311	47.336	ug/l	99
73) Isopropylbenzene	11.02	105	1284258	50.852	ug/l	99
74) N-amyl acetate	10.90	43	541365	59.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	432265	57.553	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	385056m	56.127	ug/l	
77) Bromobenzene	11.26	156	349759	51.227	ug/l	99
78) n-propylbenzene	11.36	91	1410069	50.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	835317	49.564	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1064117	51.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102485	45.846	ug/l	96
82) 4-Chlorotoluene	11.51	91	969442	50.147	ug/l	100
83) tert-Butylbenzene	11.77	119	1097664	52.725	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1092530	49.934	ug/l	100
85) sec-Butylbenzene	11.94	105	1291792	50.609	ug/l	99
86) p-Isopropyltoluene	12.07	119	1154226	51.442	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	618246	50.243	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	616124	48.842	ug/l	99
89) n-Butylbenzene	12.39	91	975329	51.076	ug/l	99
90) Hexachloroethane	12.60	117	168061	48.000	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	626298	50.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93028	59.861	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	440150	51.837	ug/l	99
94) Hexachlorobutadiene	13.79	225	195787	48.920	ug/l	99
95) Naphthalene	13.83	128	1485317	54.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	446728	50.957	ug/l	100

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

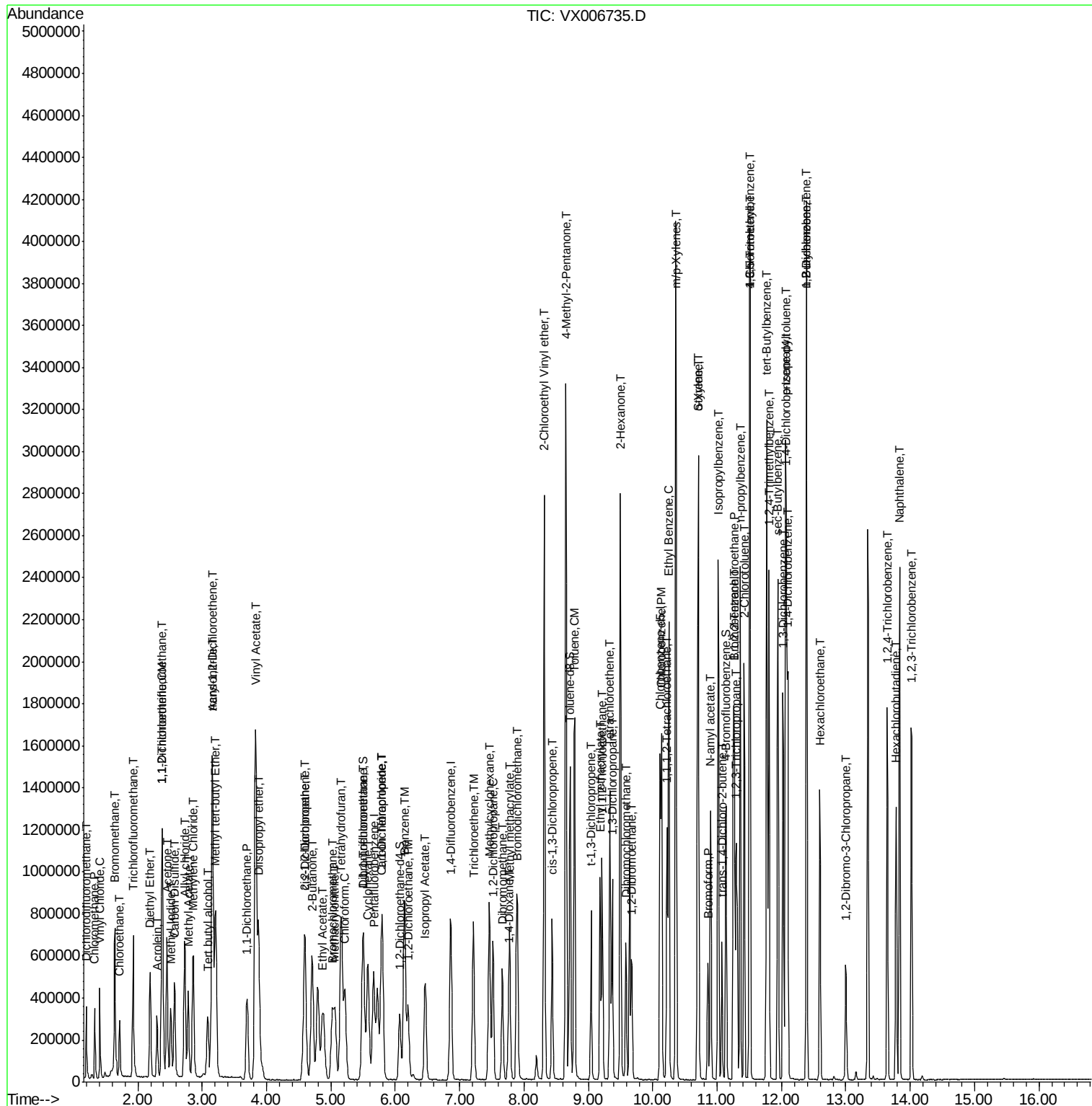
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 Acq On : 21 Dec 2018 20:24
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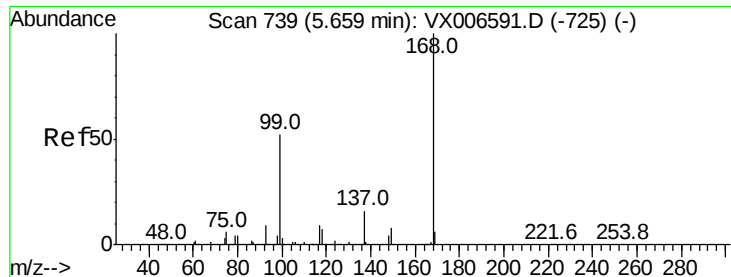
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 525826

Ion Ratio Lower Upper

168 100

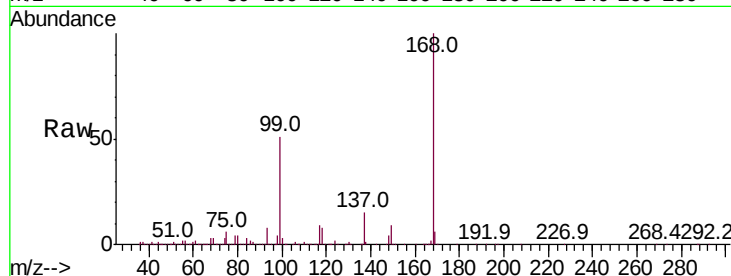
99 50.3 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

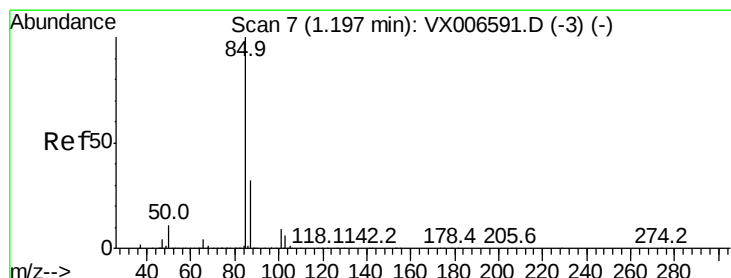
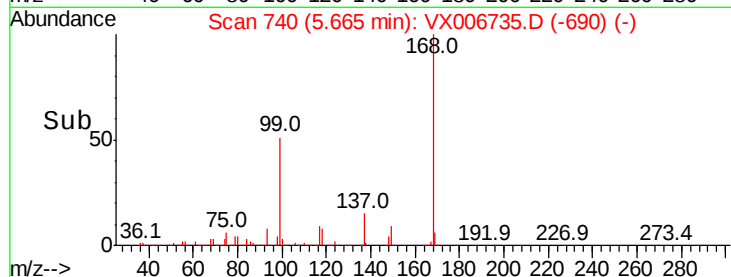
50000

0

5.50 5.60 5.70 5.80

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 44.907 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006735.D

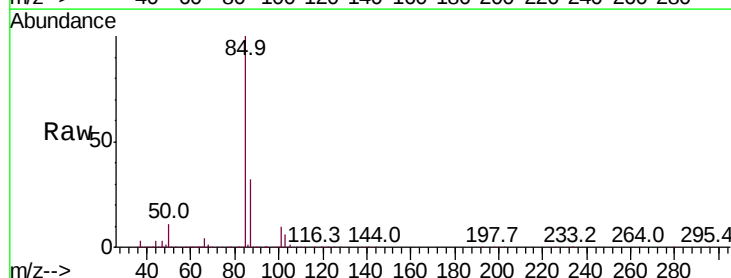
Acq: 21 Dec 2018 20:24

Tgt Ion: 85 Resp: 216021

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

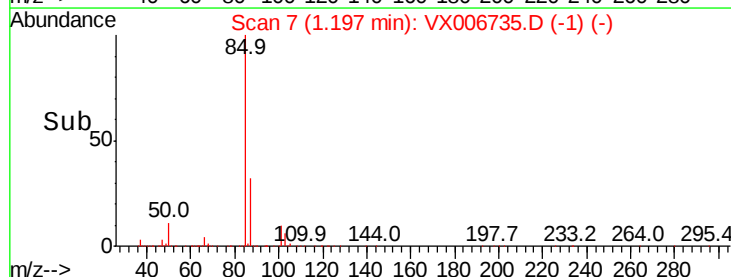
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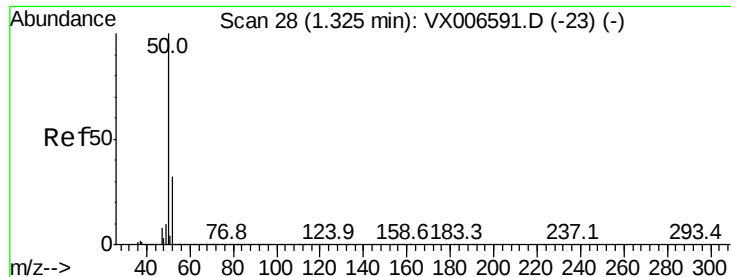
0

1.15 1.20 1.25 1.30

1.20

Time-->





#3

Chloromethane

Concen: 45.675 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 236708

Ion Ratio Lower Upper

50 100

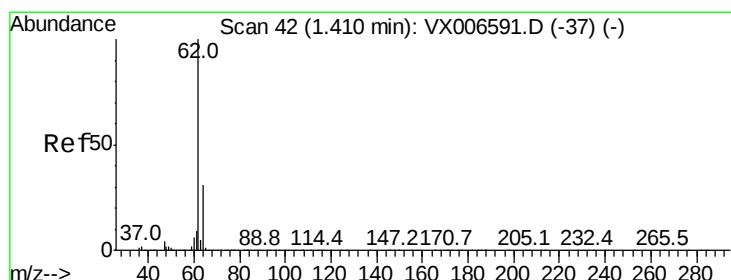
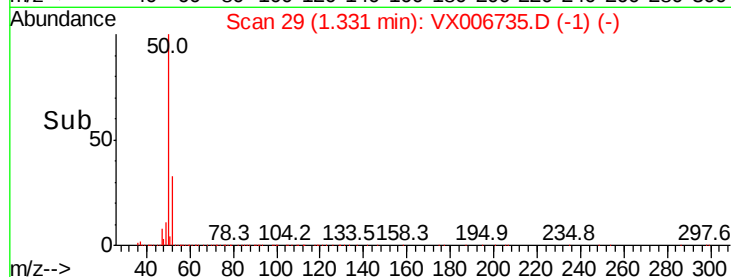
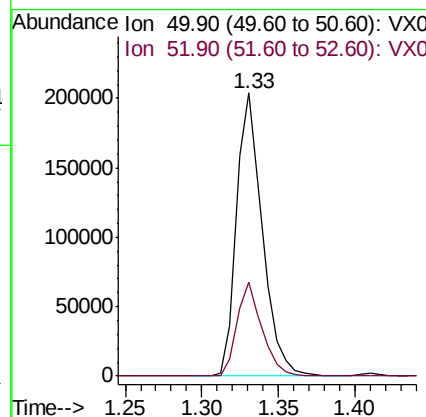
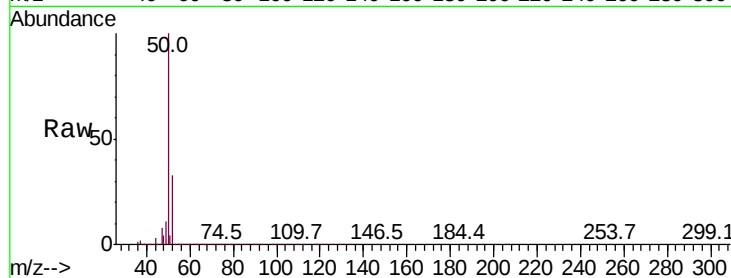
52 32.9 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.038 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006735.D

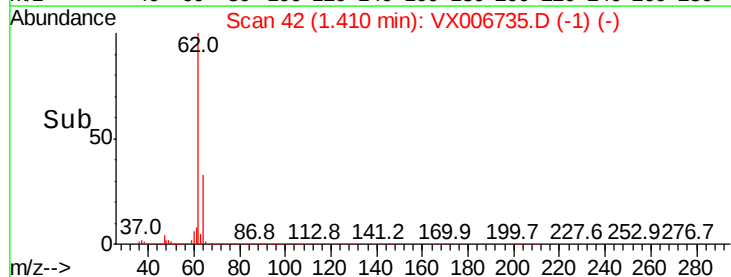
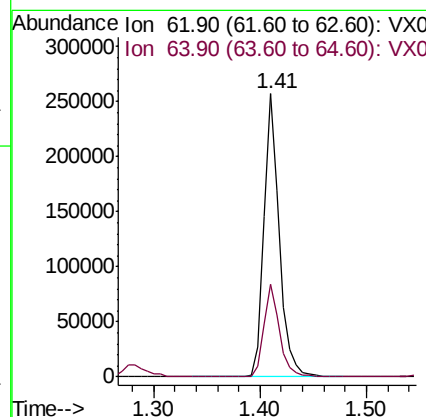
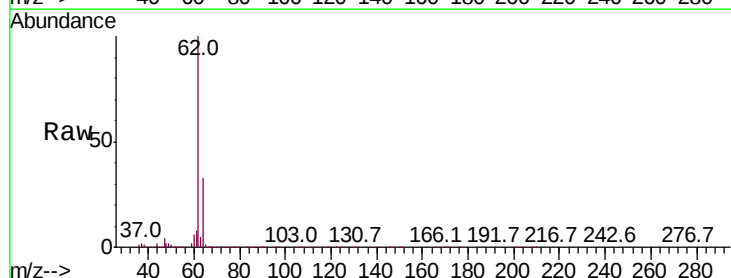
Acq: 21 Dec 2018 20:24

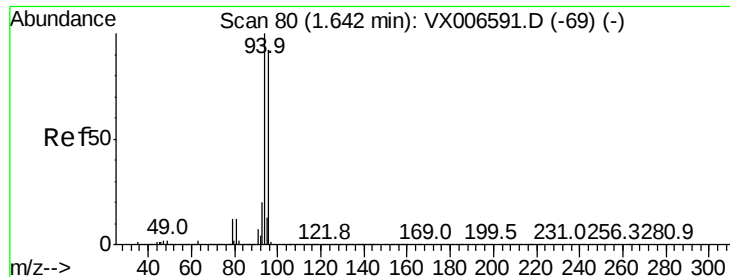
Tgt Ion: 62 Resp: 260013

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 50.000 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 252552

Ion Ratio Lower Upper

94 100

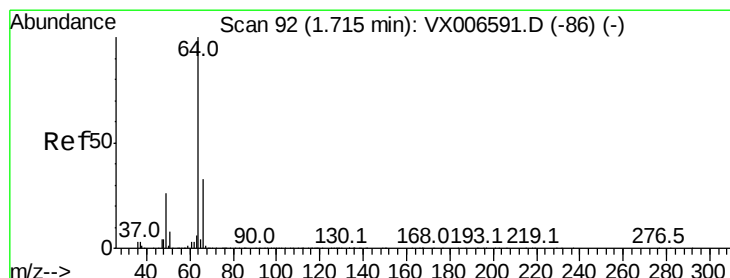
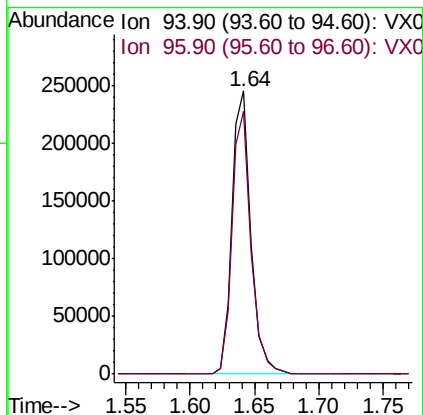
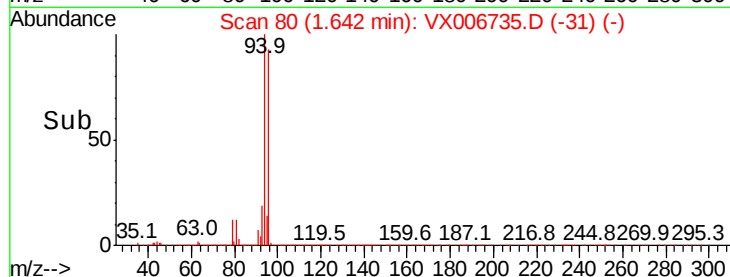
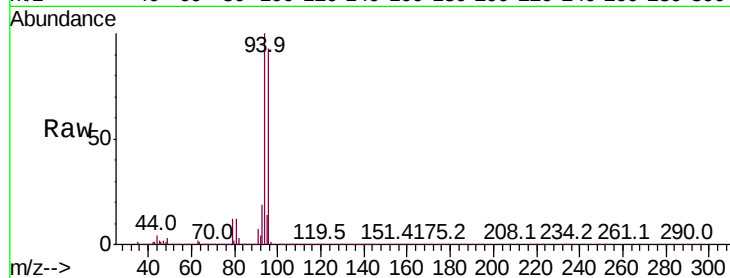
96 92.7 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 46.851 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006735.D

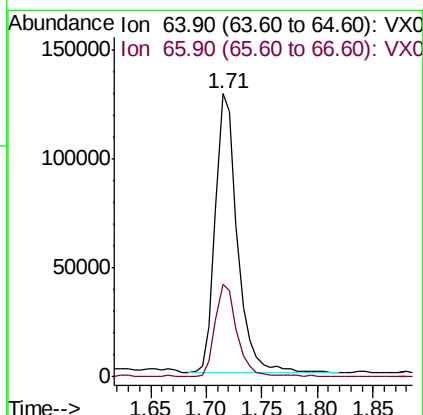
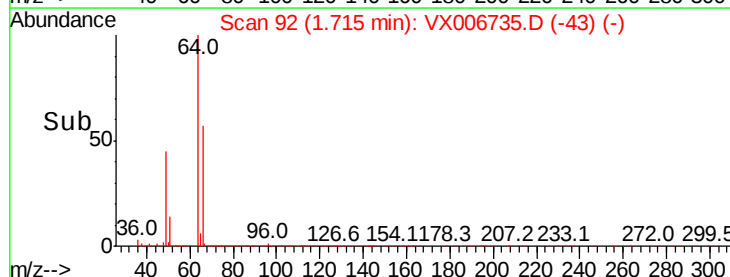
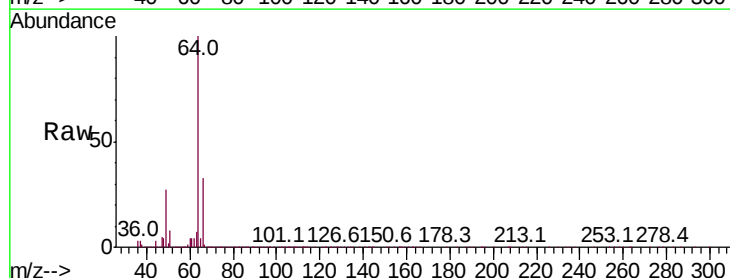
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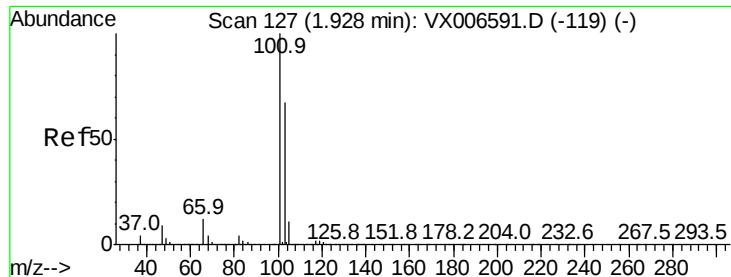
Tgt Ion: 64 Resp: 175588

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6





#7

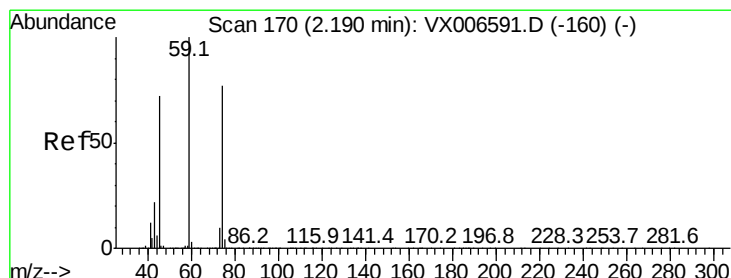
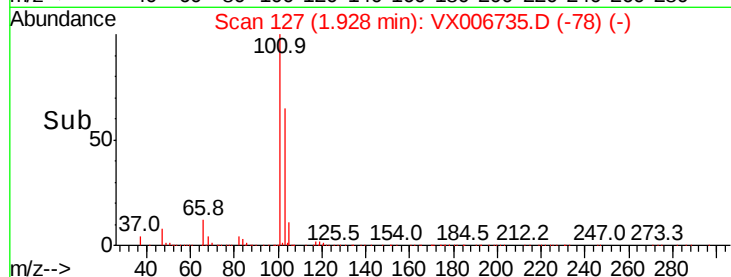
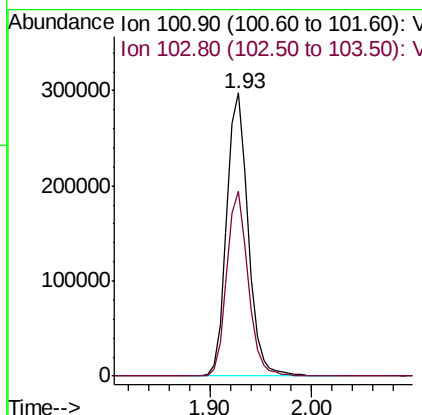
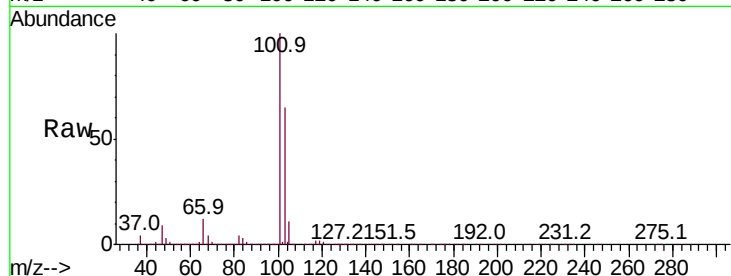
Trichlorofluoromethane
Concen: 51.388 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006735.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.2	79.8

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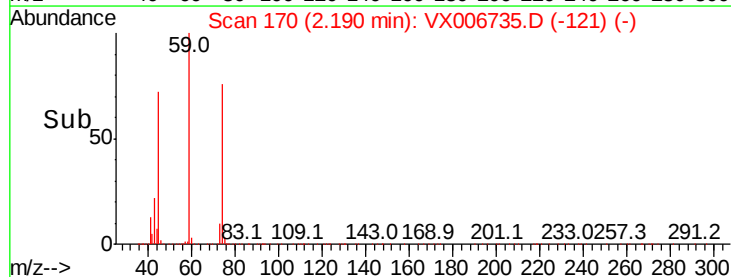
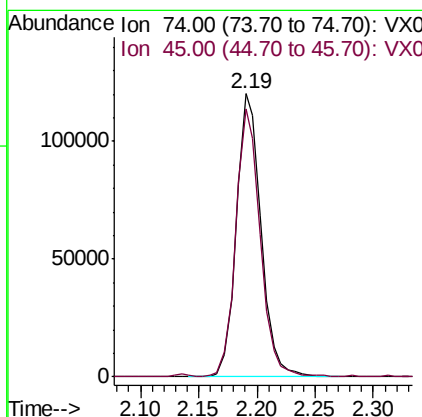
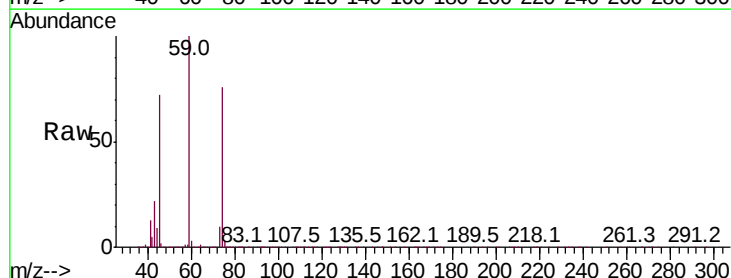
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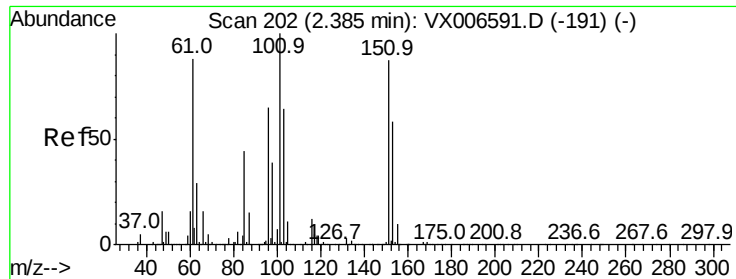


#8

Diethyl Ether
Concen: 53.036 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.143 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

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MSVOA_X

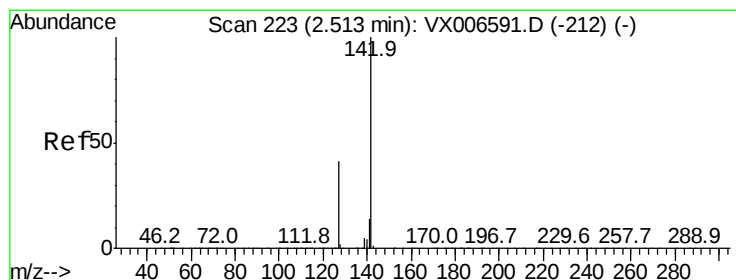
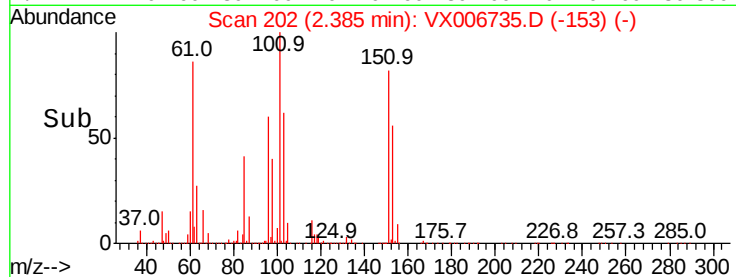
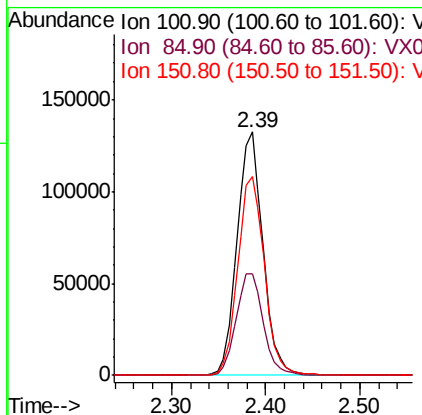
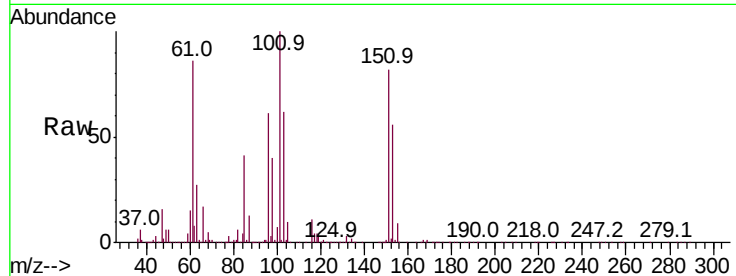
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	253405
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.1	52.7
151	84.1	68.9	103.3

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#10

Methyl Iodide

Concen: 49.783 ug/l

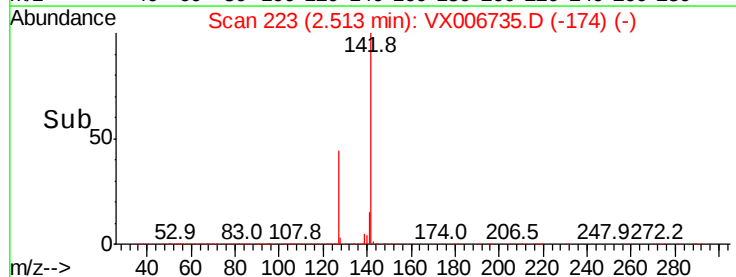
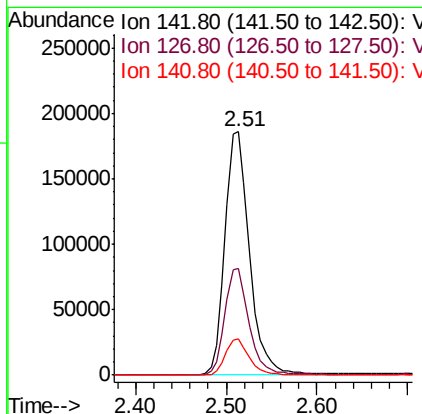
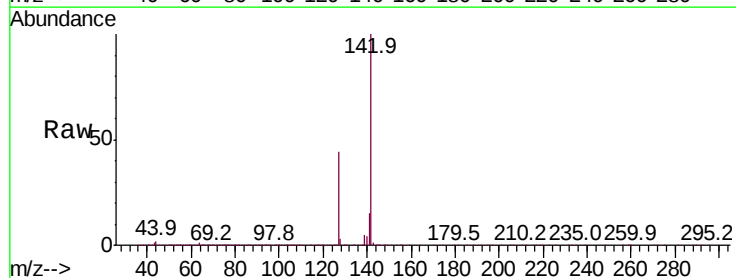
RT: 2.51 min Scan# 223

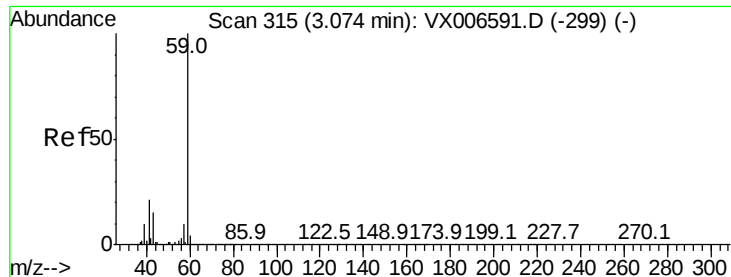
Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion:	142	Resp:	353088
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.4	11.4	17.0





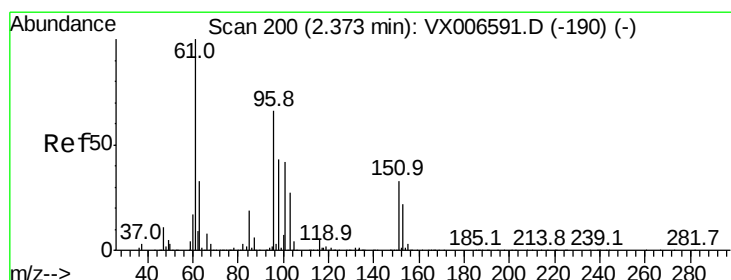
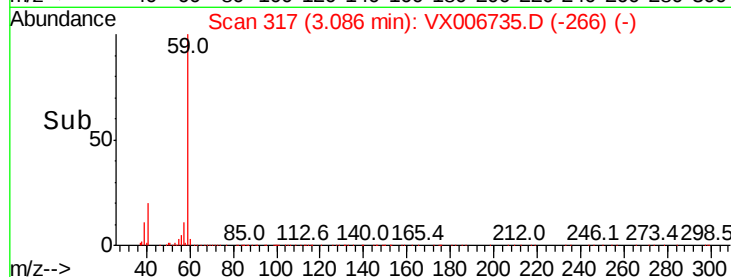
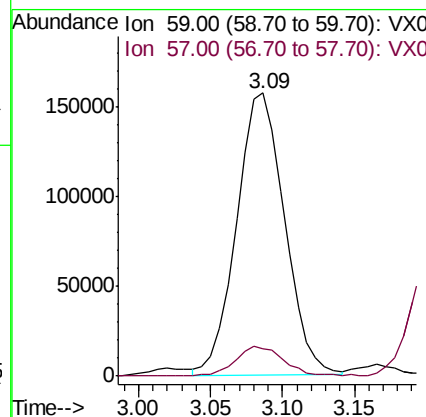
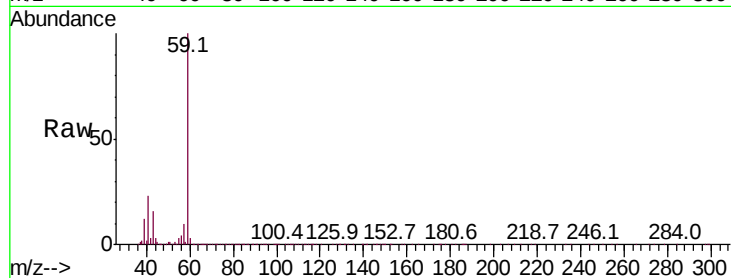
#11
Tert butyl alcohol
Concen: 287.719 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

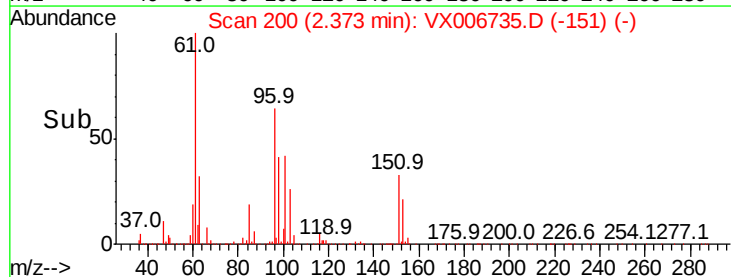
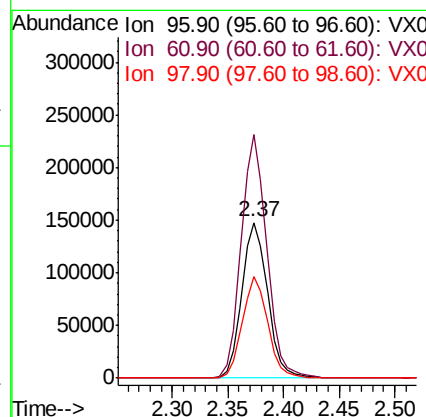
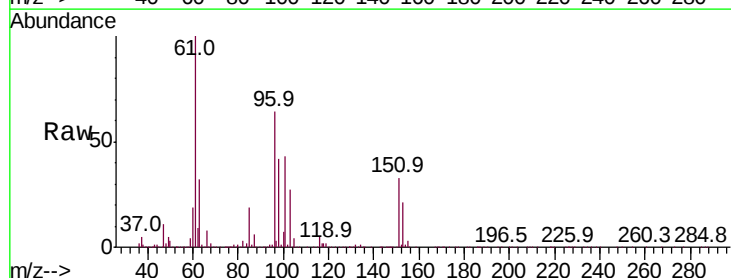
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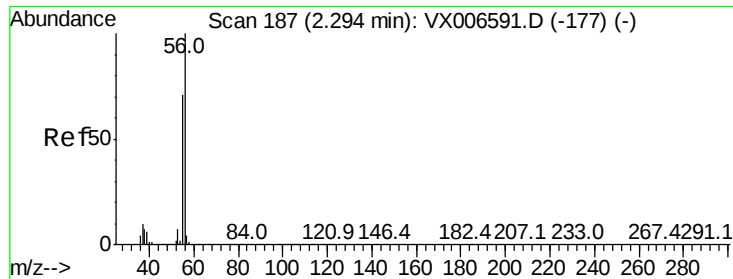
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.398 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	121.4	182.2
98	65.0	51.9	77.9





#13

Acrolein

Concen: 254.659 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 217277

Ion Ratio Lower Upper

56 100

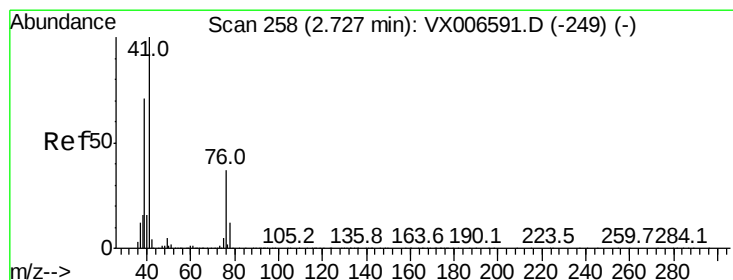
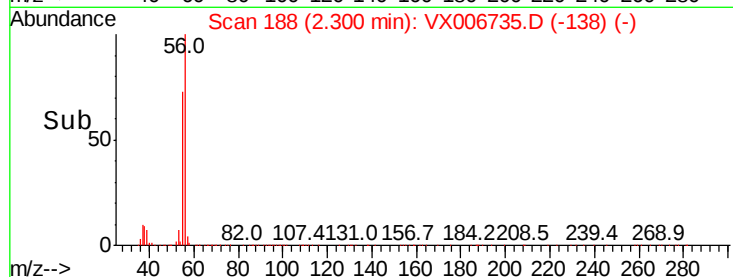
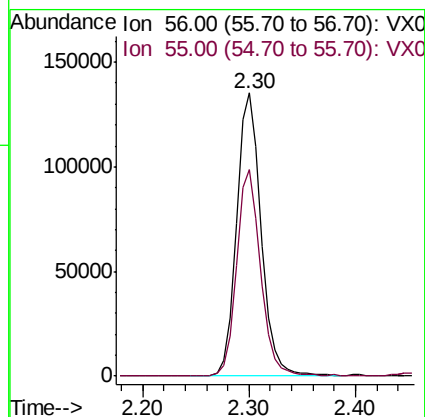
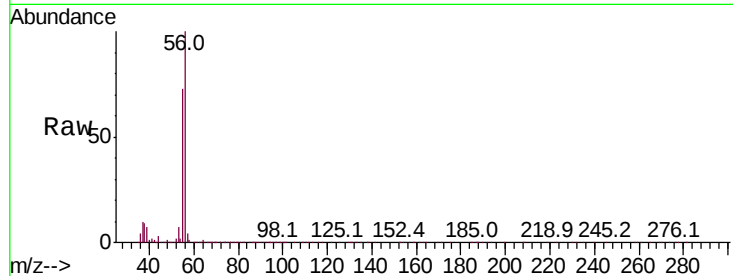
55 71.1 58.2 87.4

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#14

Allyl chloride

Concen: 53.161 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

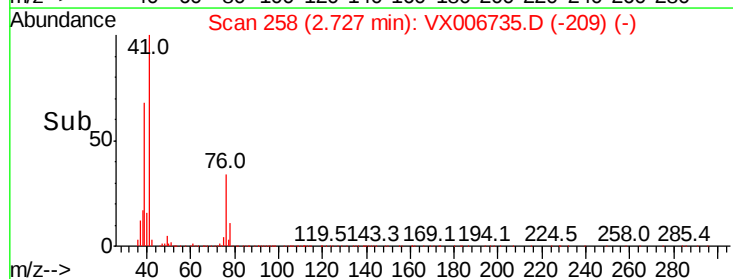
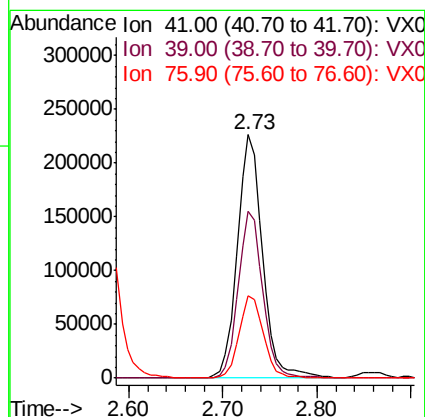
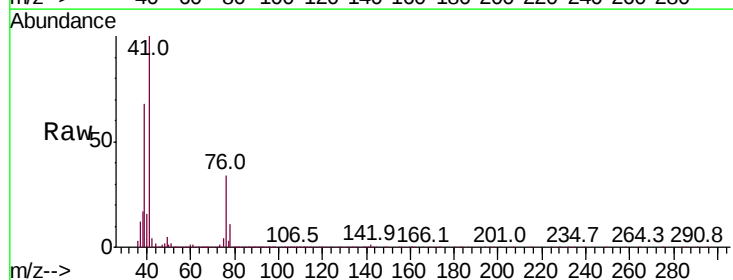
Tgt Ion: 41 Resp: 420396

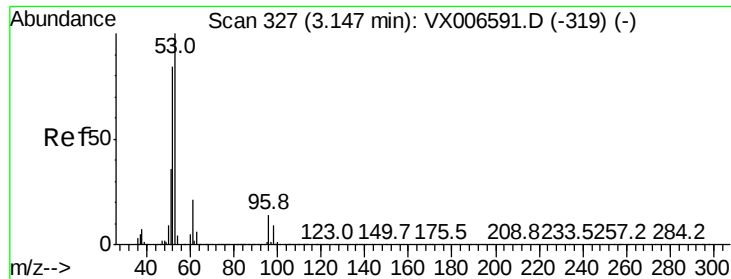
Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 32.6 27.4 41.2





#15

Acrylonitrile

Concen: 295.743 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

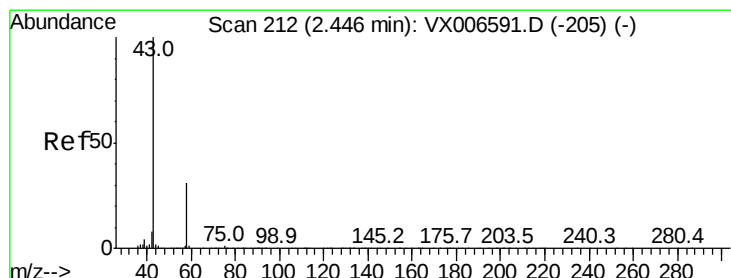
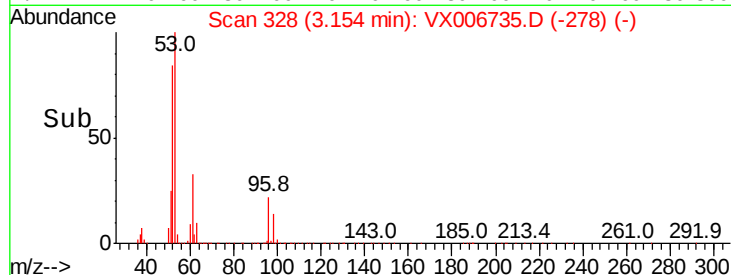
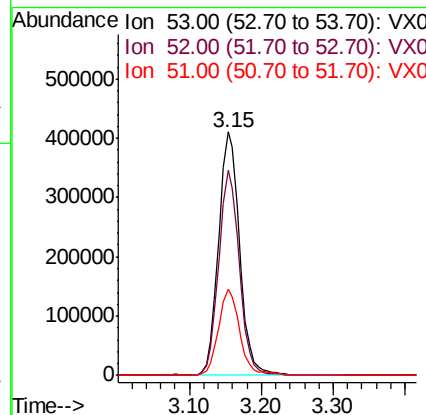
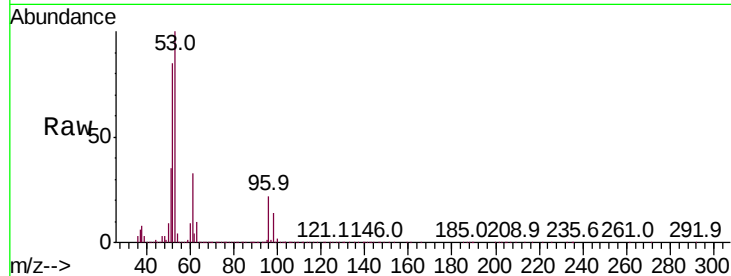
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	830485
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.0	99.0
51	35.7	28.6	42.8

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#16

Acetone

Concen: 267.059 ug/l

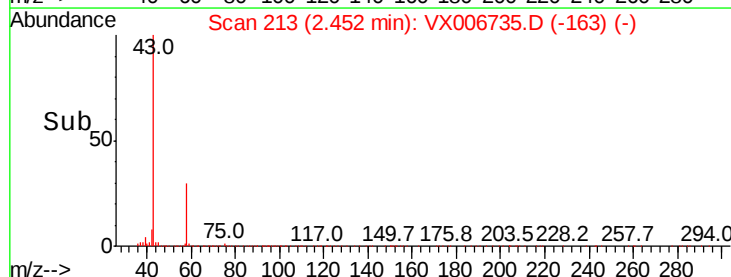
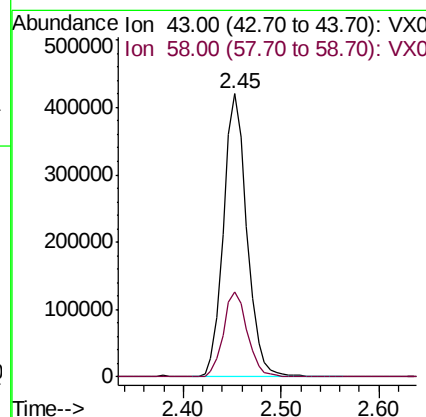
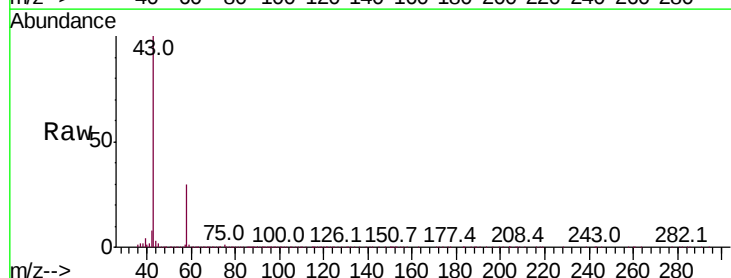
RT: 2.45 min Scan# 213

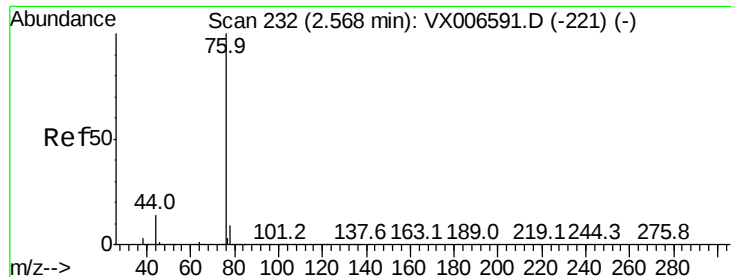
Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion:	43	Resp:	695329
Ion Ratio	Lower	Upper	
43	100		
58	30.2	25.0	37.6





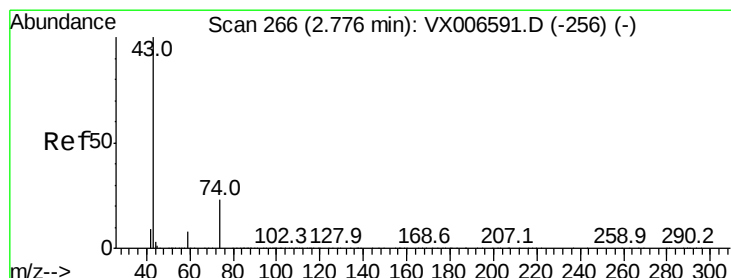
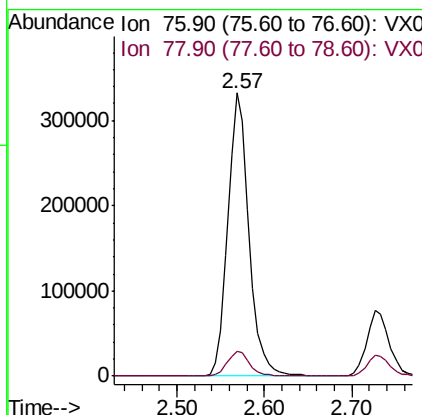
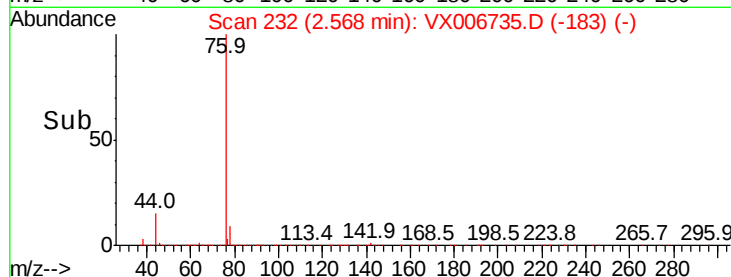
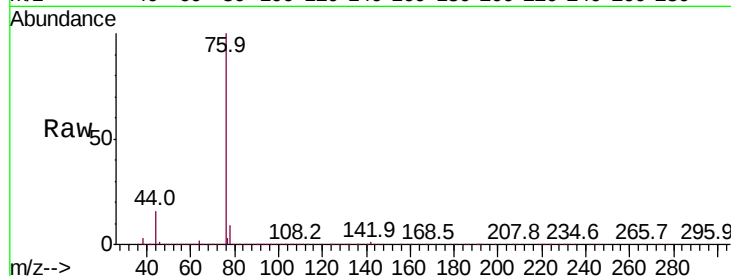
#17
Carbon Disulfide
Concen: 44.703 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

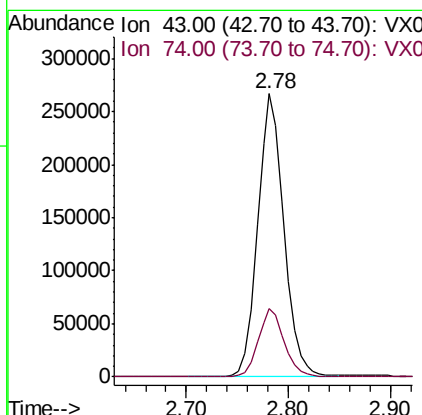
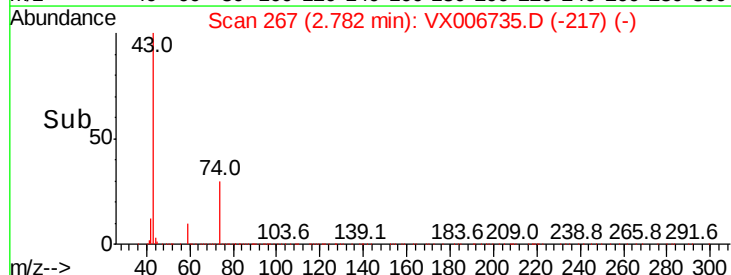
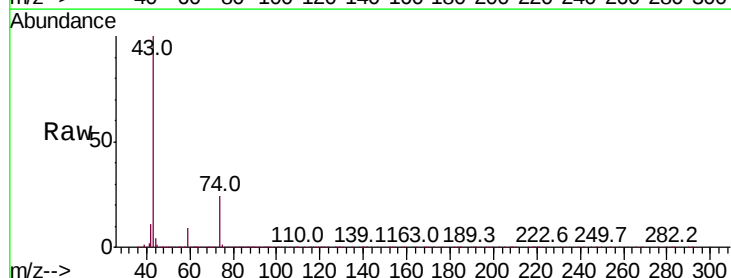
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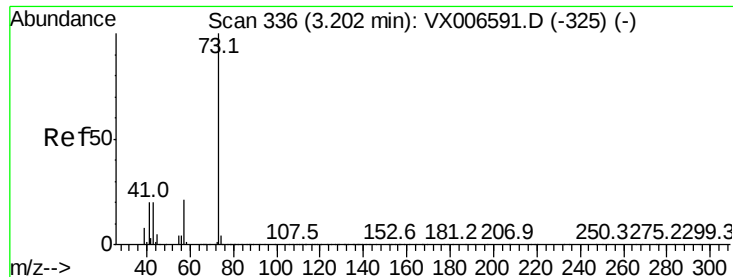
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#18
Methyl Acetate
Concen: 62.005 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





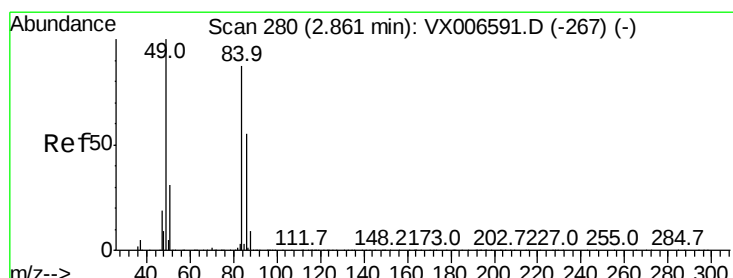
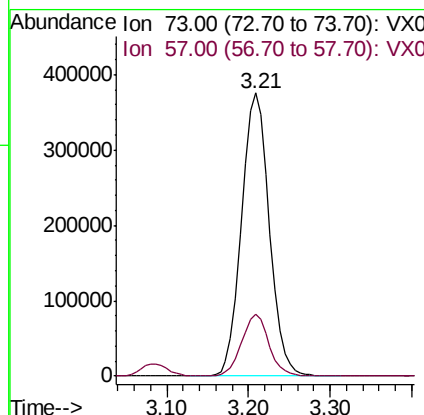
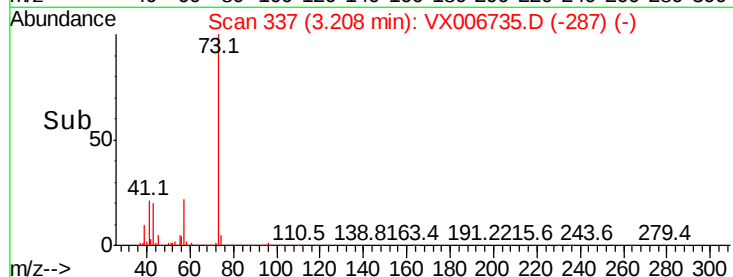
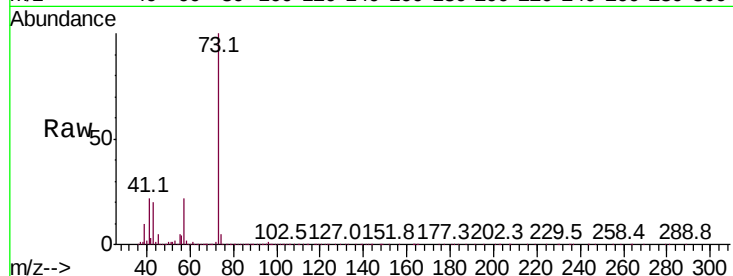
#19
Methvl tert-butvl Ether
Concen: 56.699 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

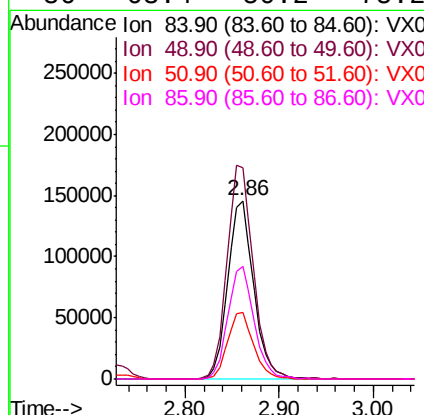
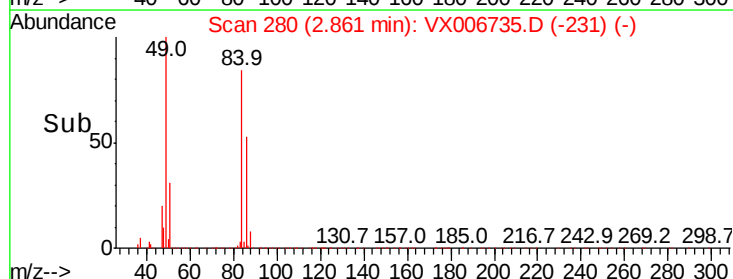
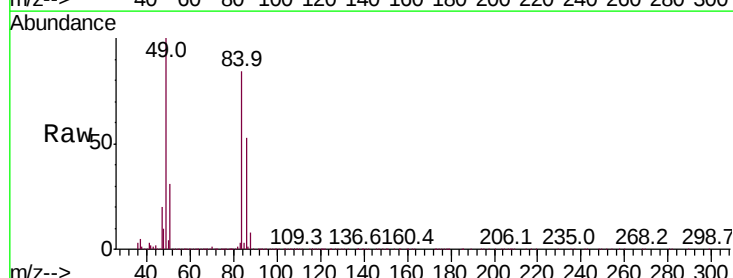
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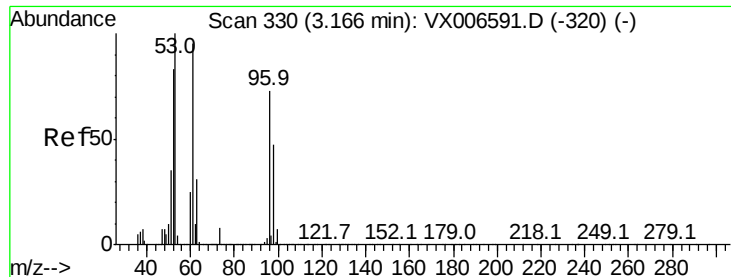
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#20
Methylene Chloride
Concen: 51.960 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	91.8	137.6
51	37.1	28.5	42.7
86	63.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 50.069 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 260633

Ion Ratio Lower Upper

96 100

61 129.5 103.7 155.5

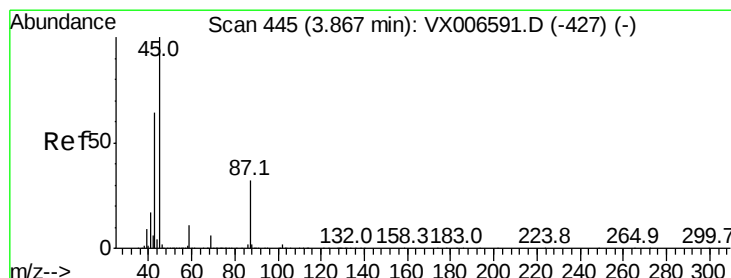
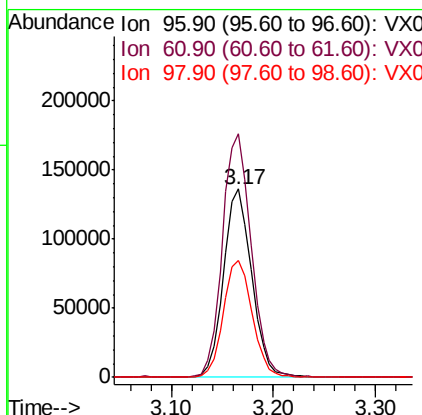
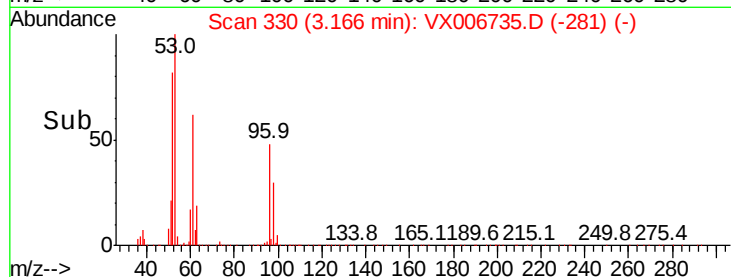
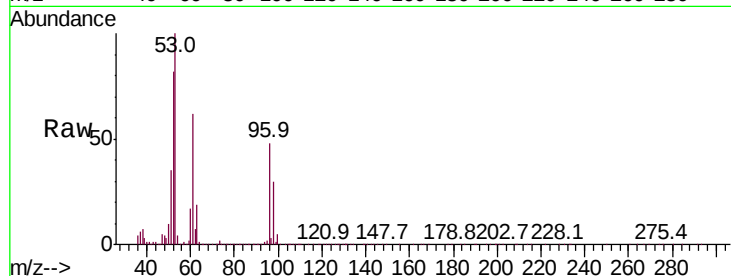
98 62.5 51.0 76.6

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#22

Diisopropyl ether

Concen: 55.752 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion: 45 Resp: 806573

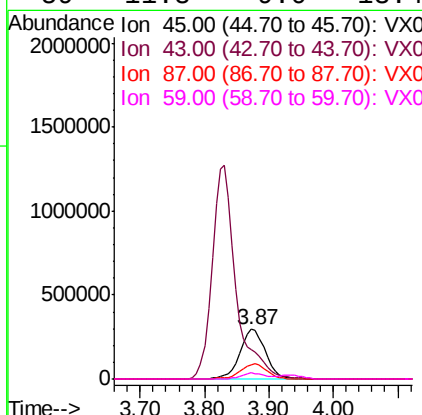
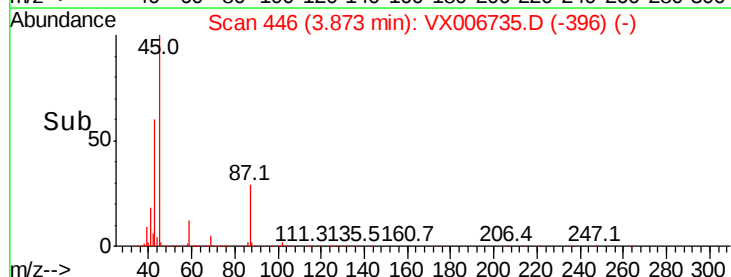
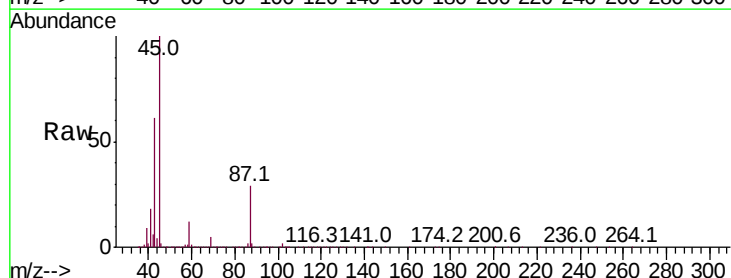
Ion Ratio Lower Upper

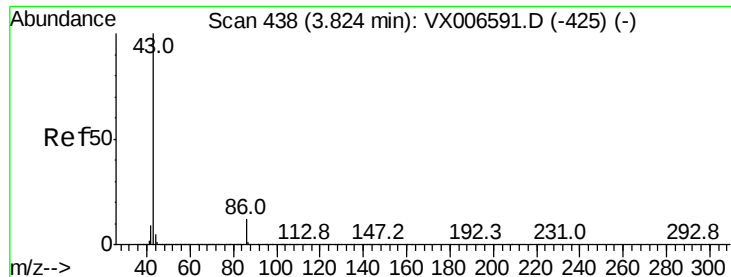
45 100

43 60.2 51.2 76.8

87 29.4 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 278.238 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3292594

Ion Ratio Lower Upper

43 100

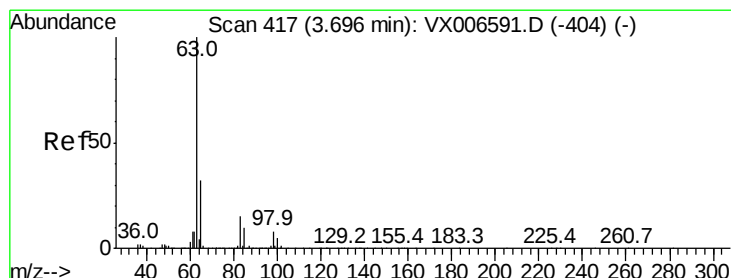
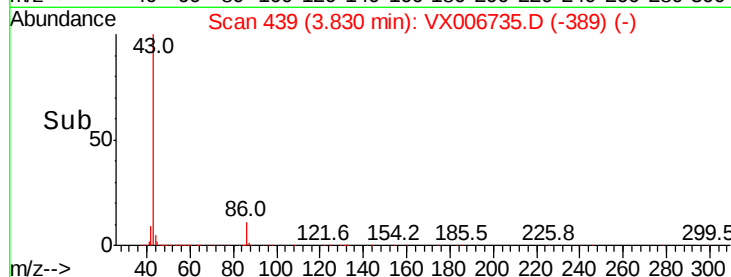
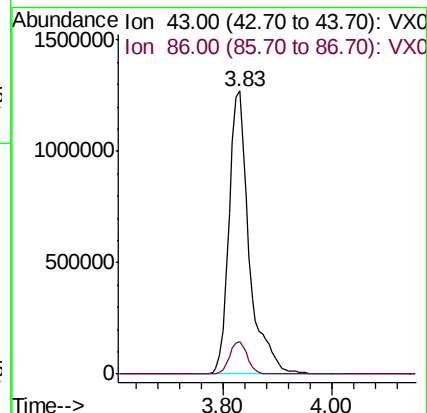
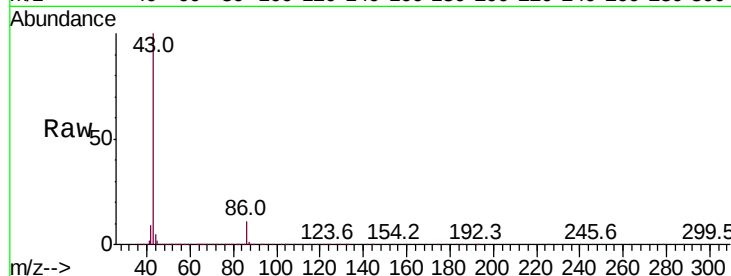
86 11.4 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 51.495 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

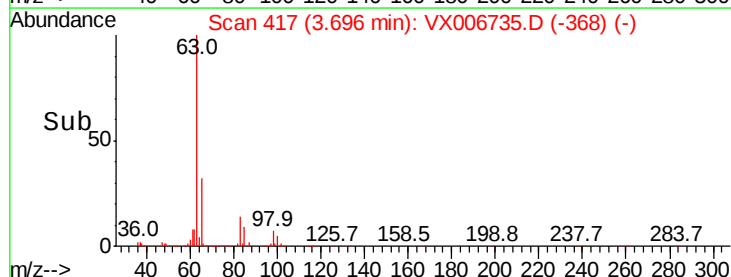
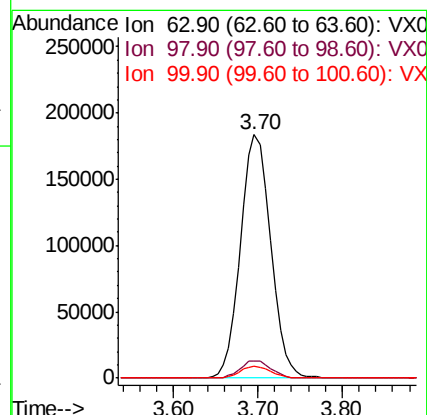
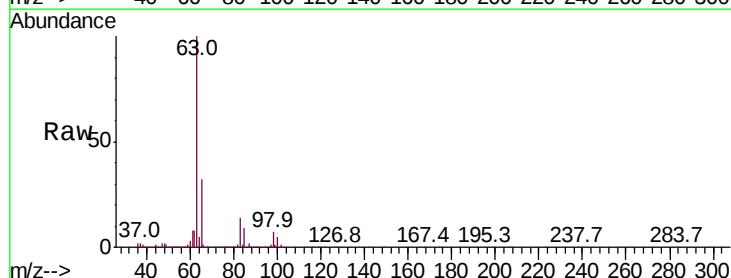
Tgt Ion: 63 Resp: 444722

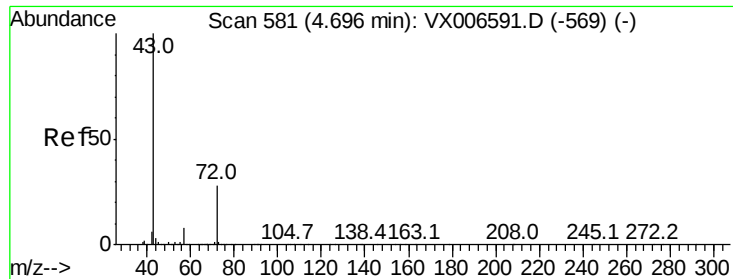
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 283.527 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1038381

Ion Ratio Lower Upper

43 100

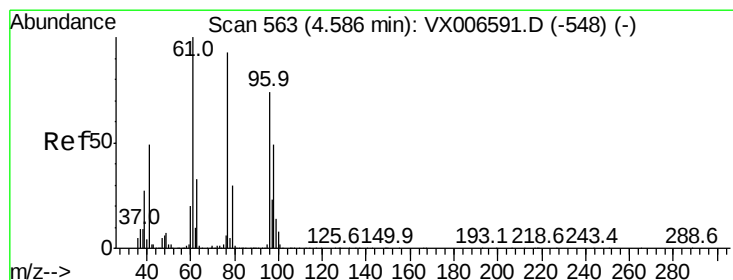
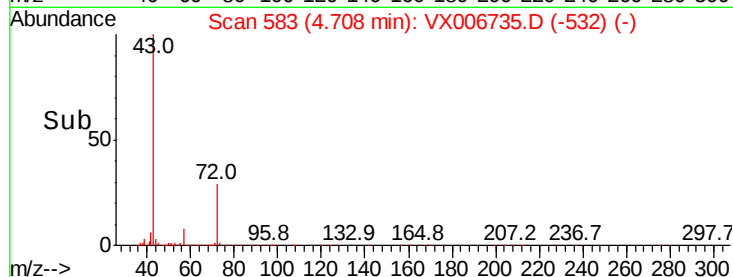
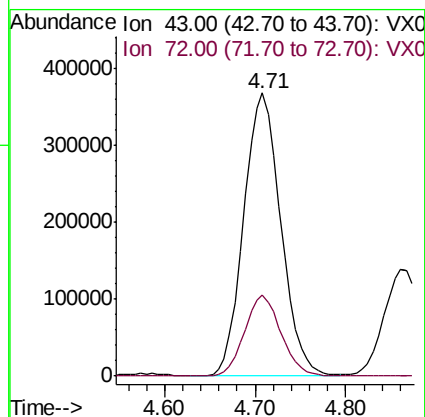
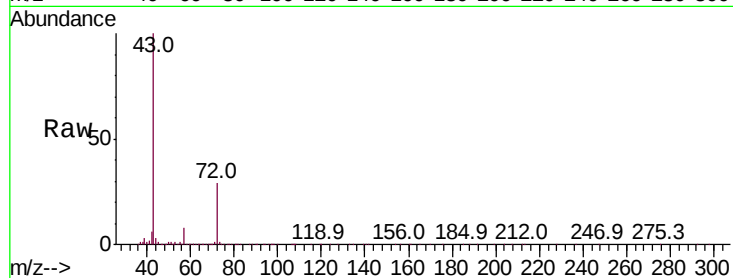
72 28.6 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 39.646 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006735.D

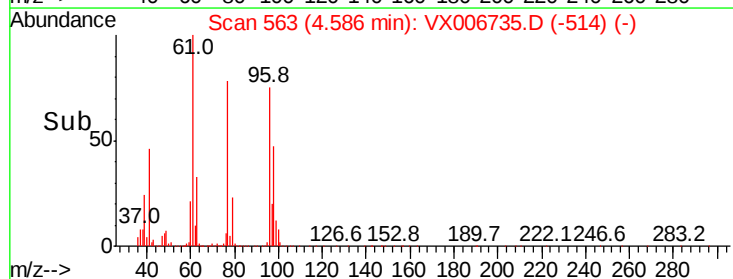
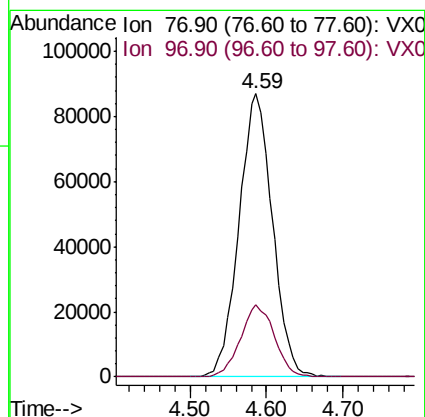
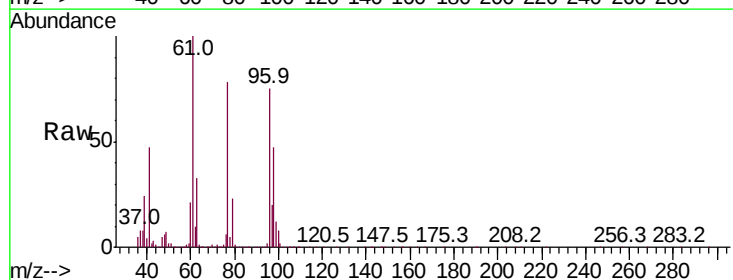
Acq: 21 Dec 2018 20:24

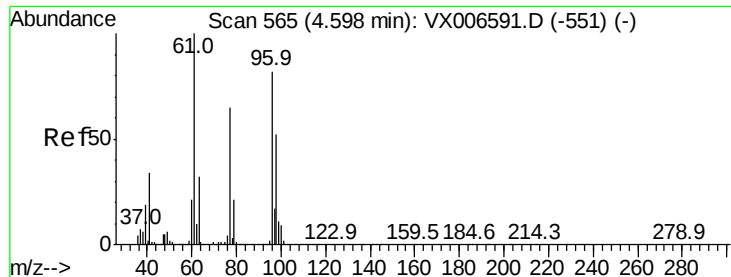
Tgt Ion: 77 Resp: 264488

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4





#27

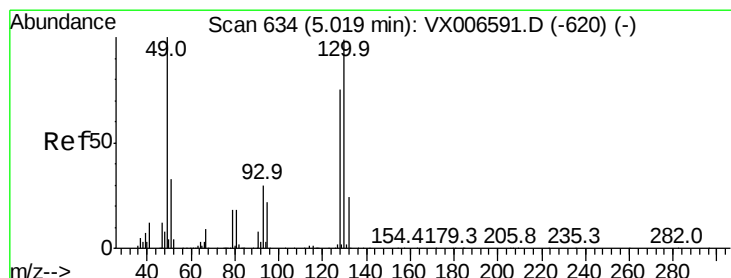
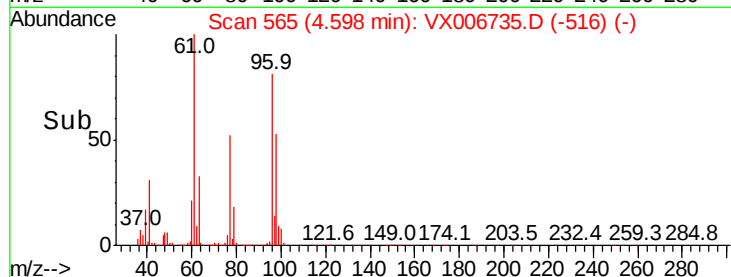
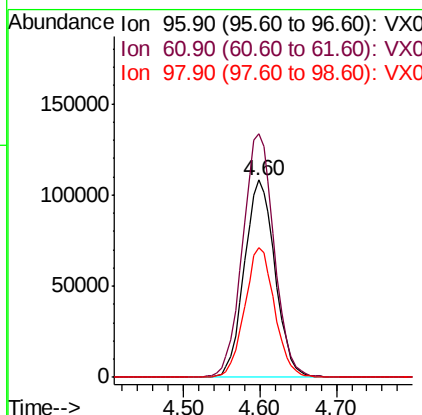
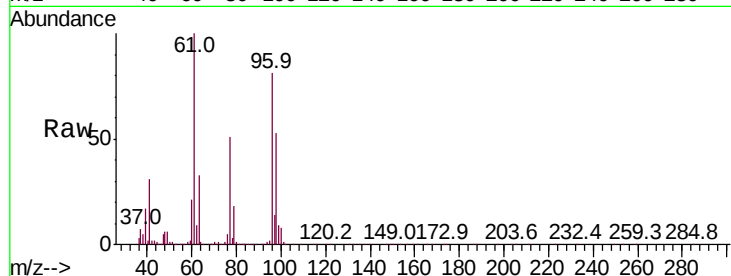
cis-1,2-Dichloroethene
Concen: 52.695 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	302645		
61	126.3		0.0	258.6
98	64.1		0.0	132.0

Manual Integrations
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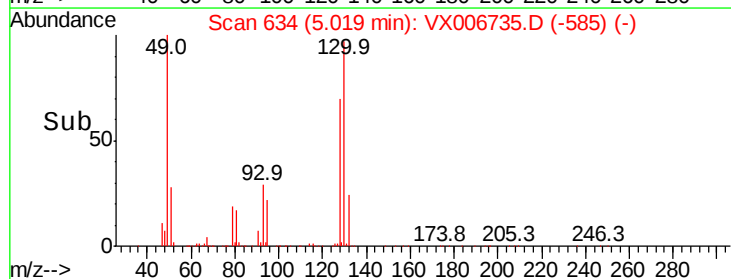
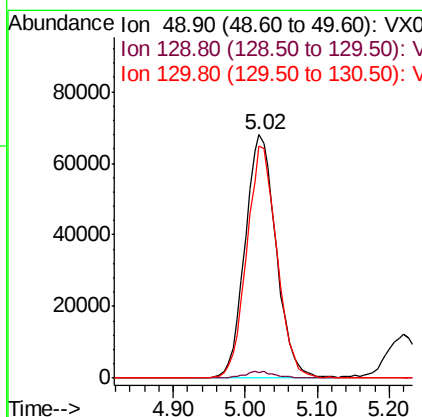
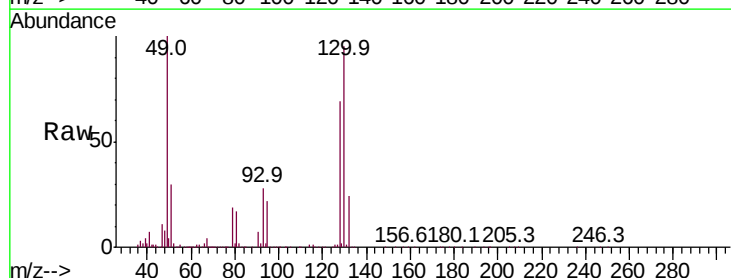
MMDadoda
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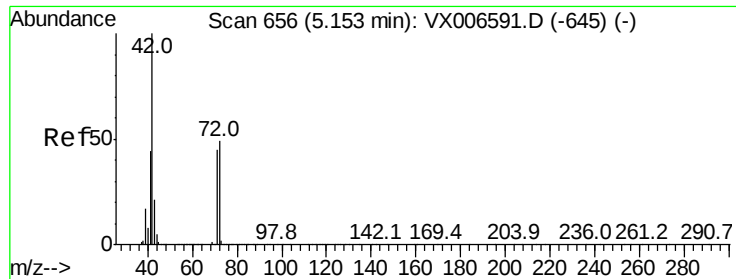


#28

Bromochloromethane
Concen: 56.050 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	203238		
129	2.7		0.0	5.4
130	92.5		77.7	116.5





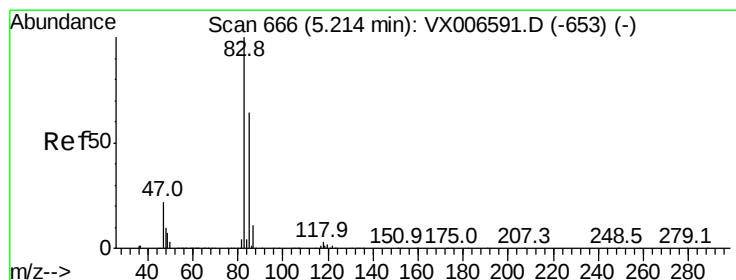
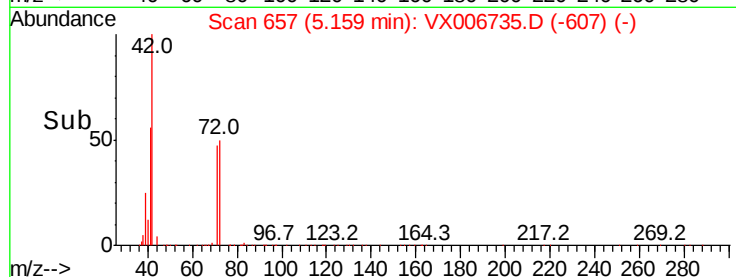
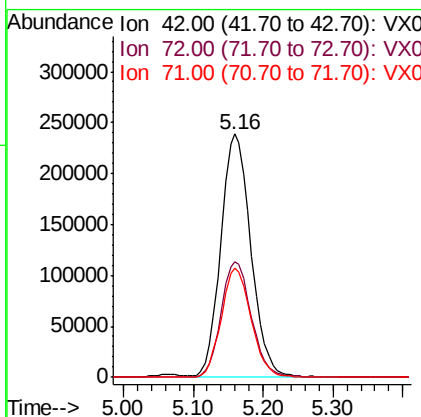
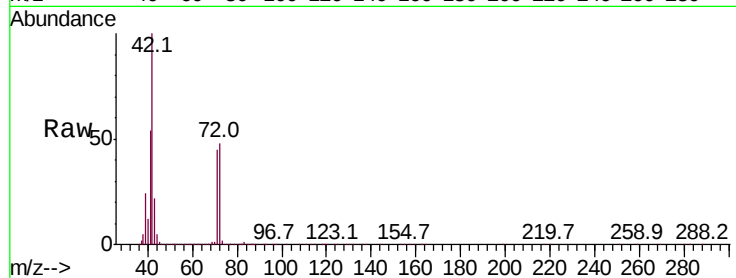
#29
Tetrahydrofuran
Concen: 294.293 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.9	58.3
71	44.8	36.2	54.4

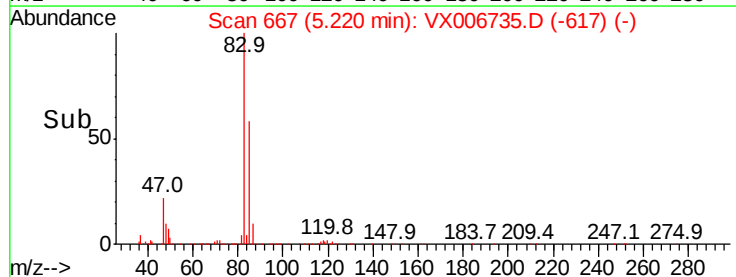
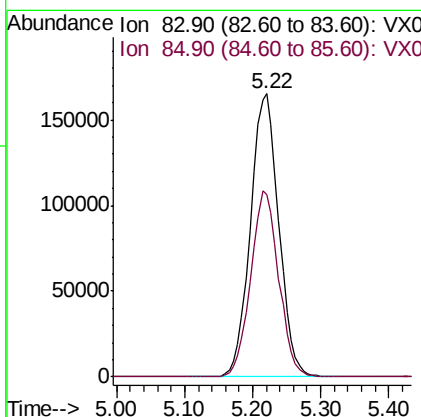
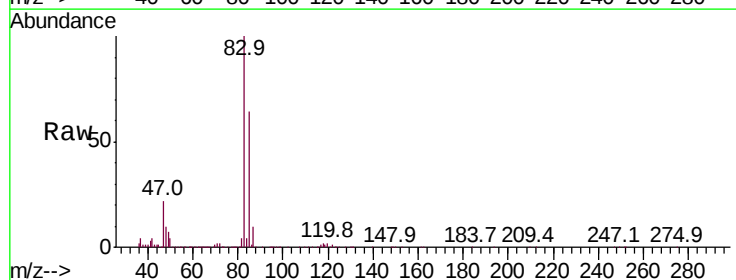
Manual Integrations
APPROVED

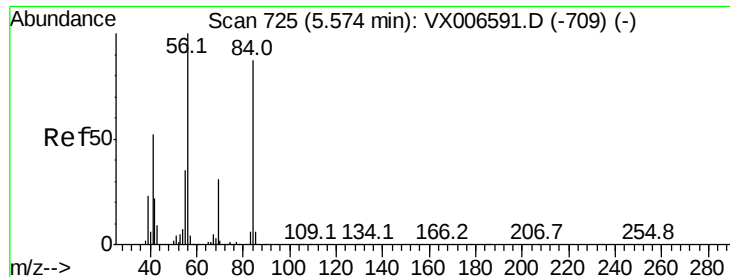
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12/22/2018 11:21:13 AM



#30
Chloroform
Concen: 53.756 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8





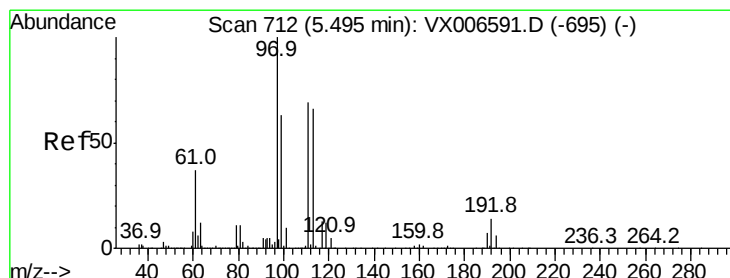
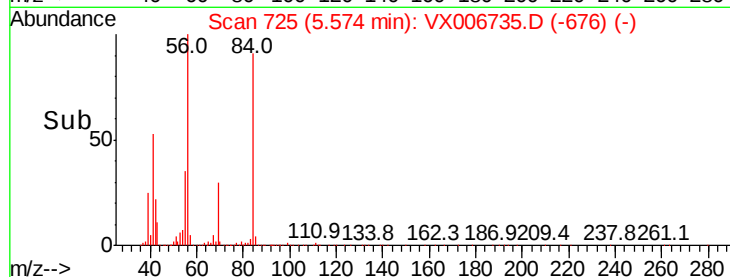
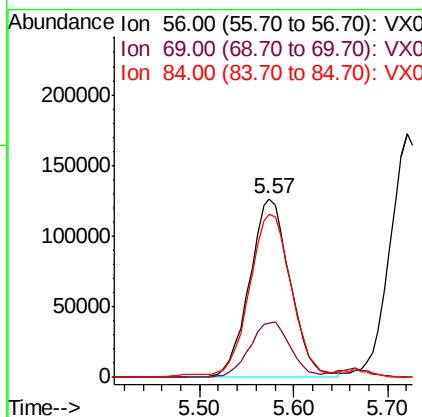
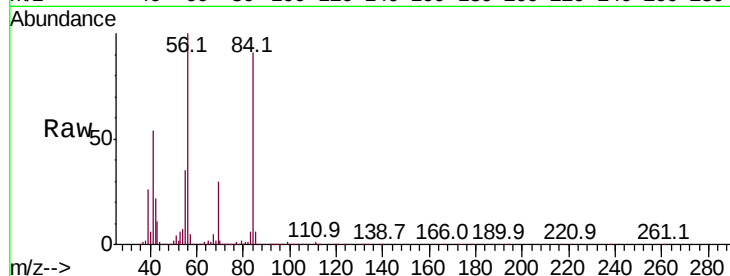
#31
Cyclohexane
Concen: 48.404 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.4	36.6
84	89.7	70.0	105.0

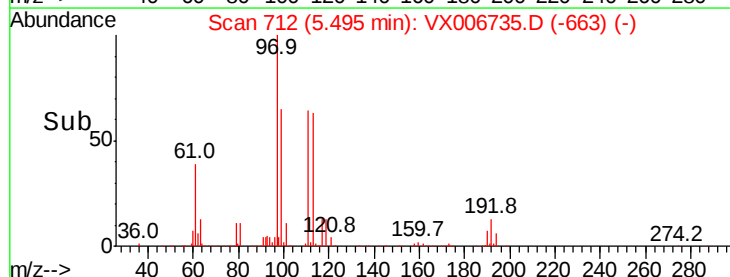
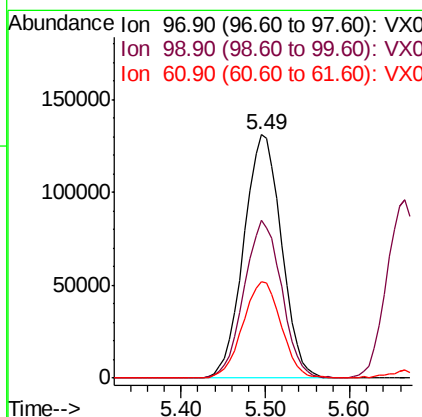
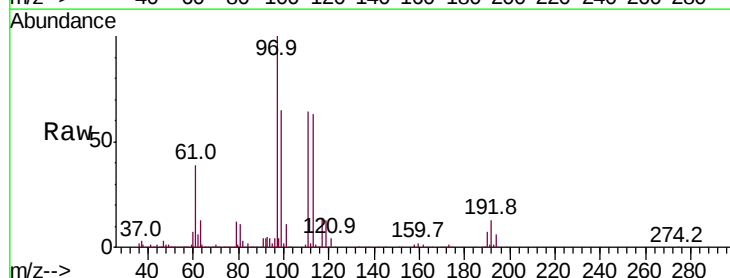
Manual Integrations
APPROVED

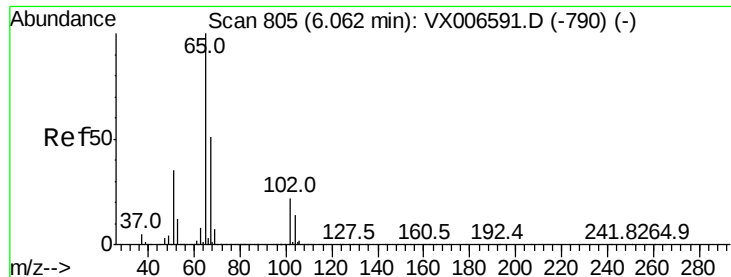
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#32
1,1,1-Trichloroethane
Concen: 52.832 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	40.3	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 52.077 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 295125

Ion Ratio Lower Upper

65 100

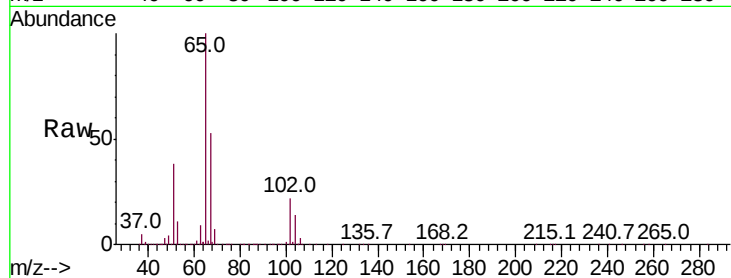
67 54.2 0.0 105.0

Manual Integrations

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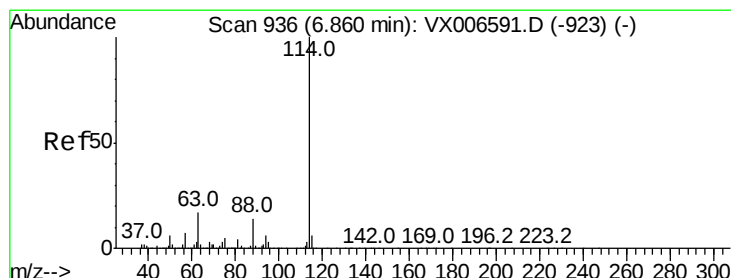
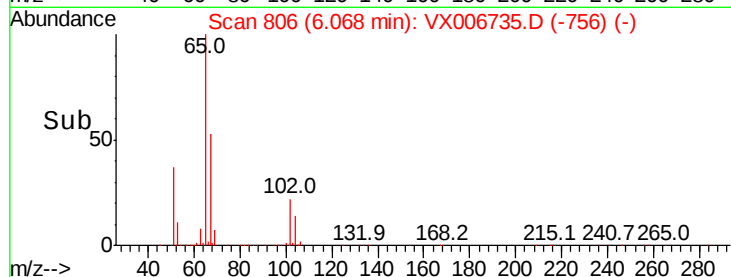
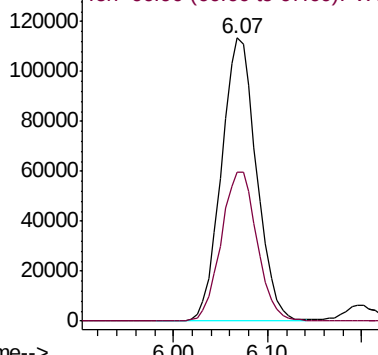
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

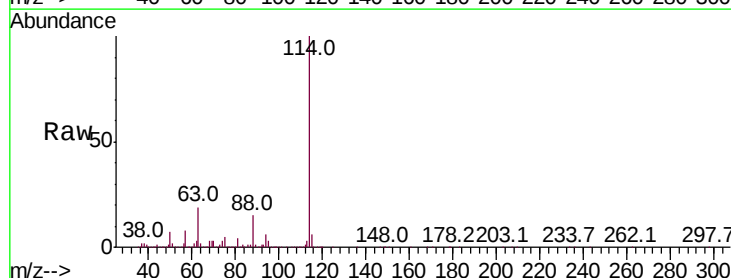
Tgt Ion: 114 Resp: 829924

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

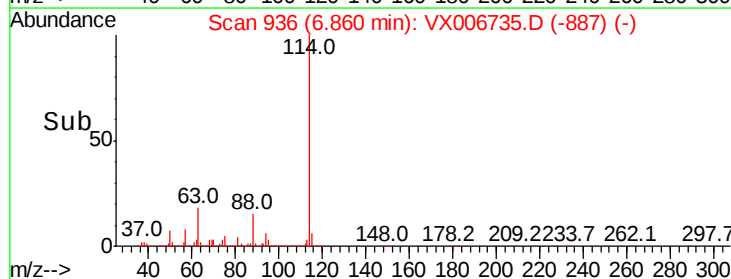
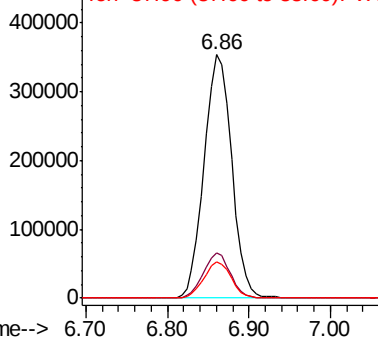
88 14.9 0.0 28.8

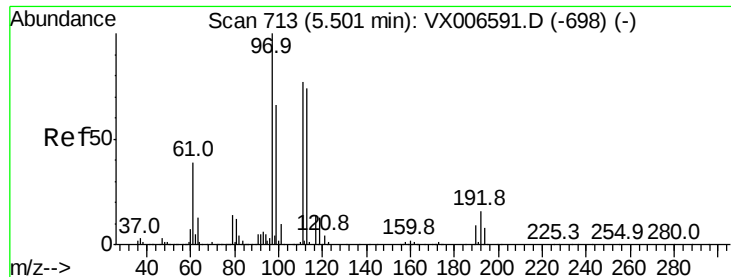


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





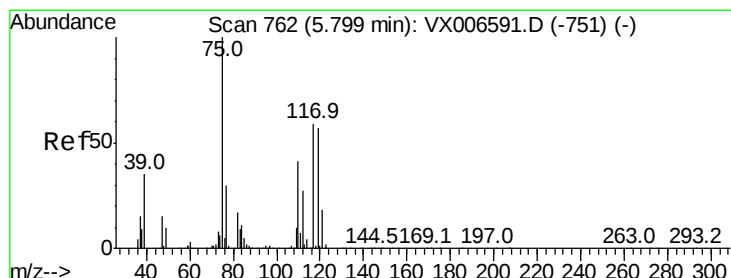
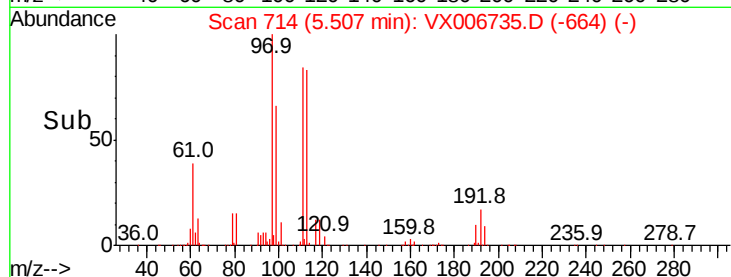
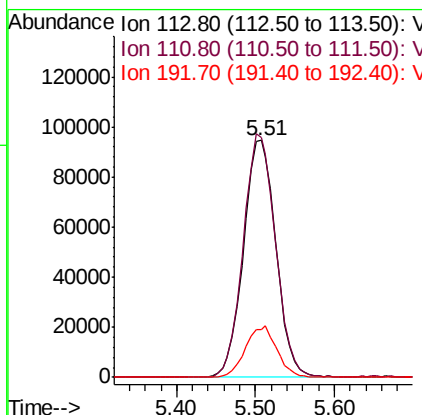
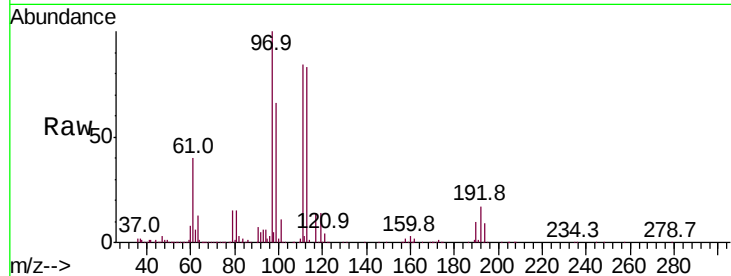
#35
Dibromofluoromethane
Concen: 51.699 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	20.9	16.7	25.1

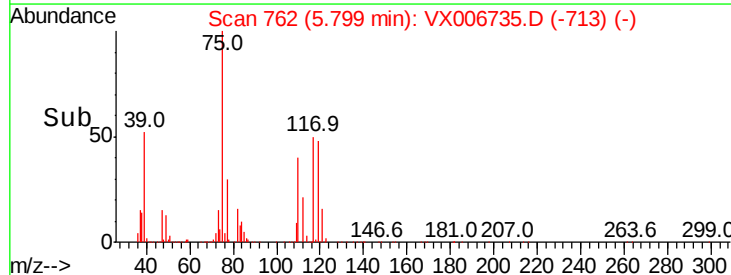
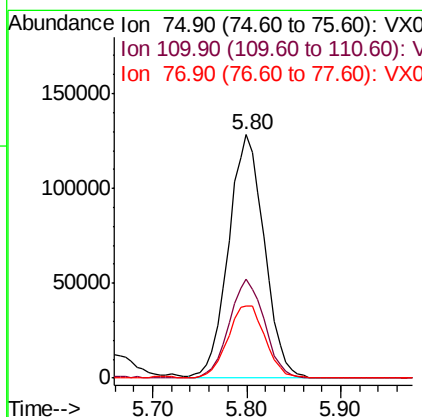
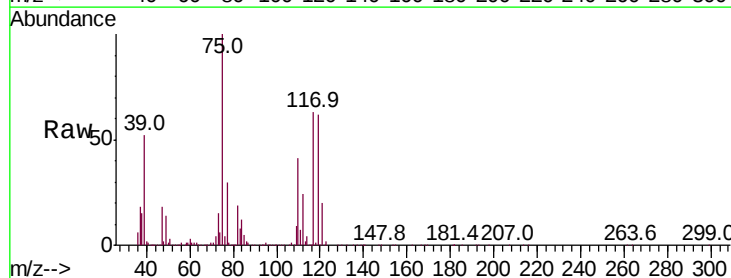
Manual Integrations
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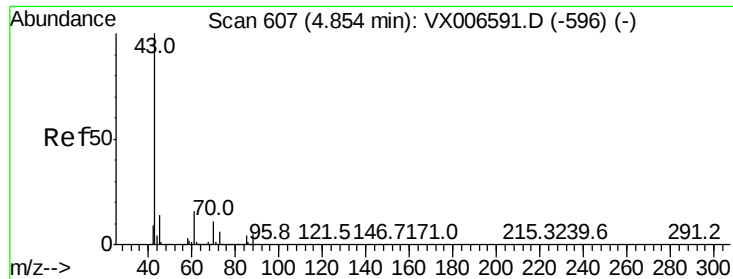
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#36
1,1-Dichloropropene
Concen: 49.086 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.4	20.2	60.5
77	31.1	24.8	37.2





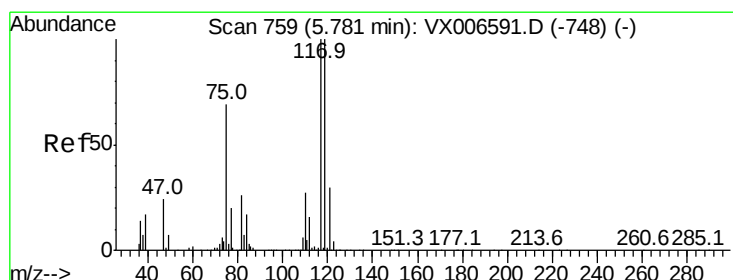
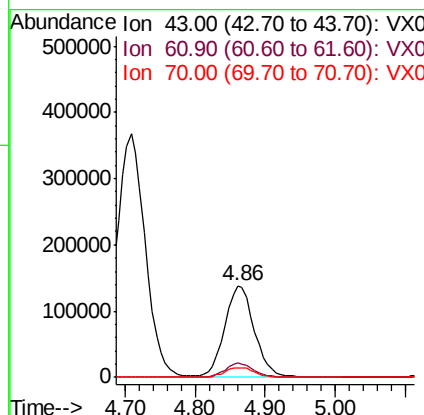
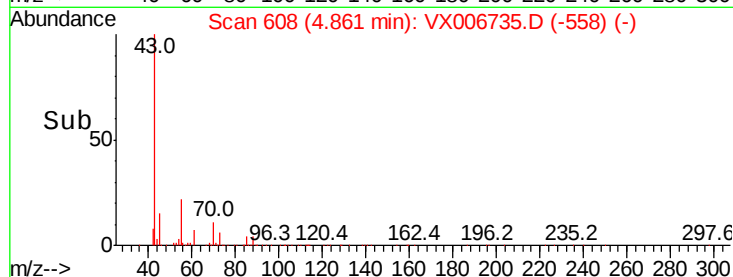
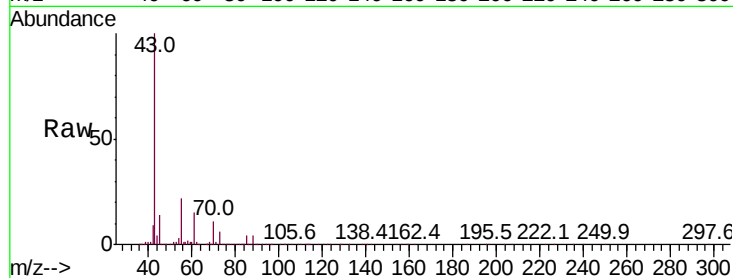
#37
Ethyl Acetate
Concen: 56.584 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	404816
Ion Ratio	100	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	10.9	9.7	14.5

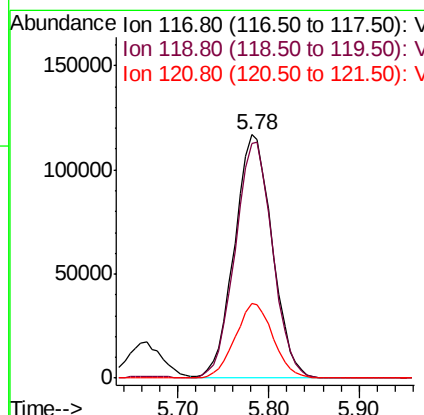
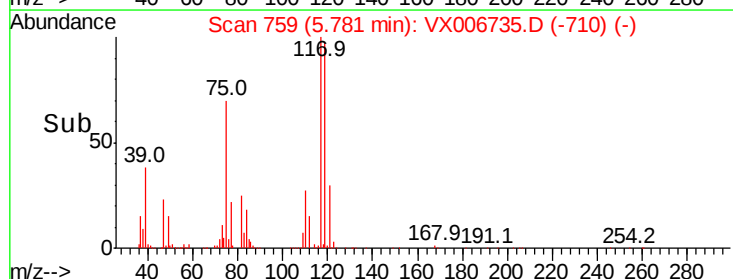
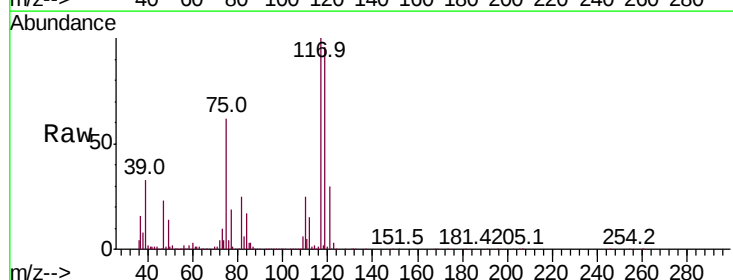
Manual Integrations
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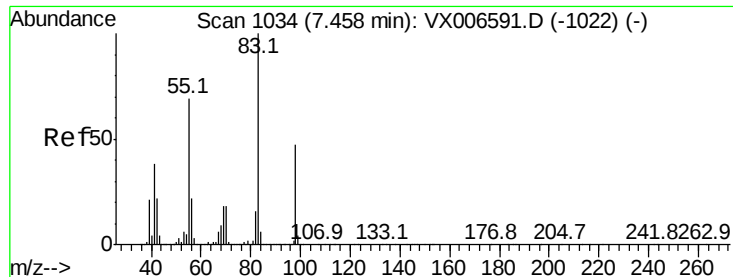
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#38
Carbon Tetrachloride
Concen: 50.487 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	117	Resp	337260
Ion Ratio	100	Lower	Upper
117	100		
119	96.4	79.4	119.2
121	30.4	24.0	36.0





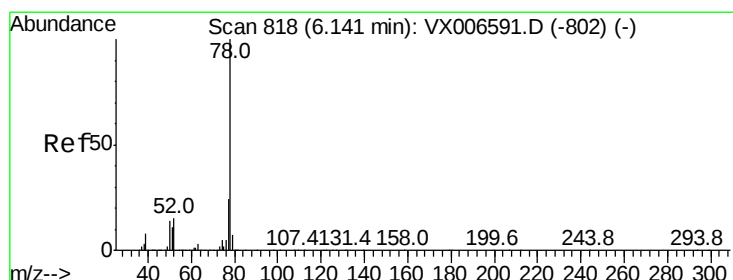
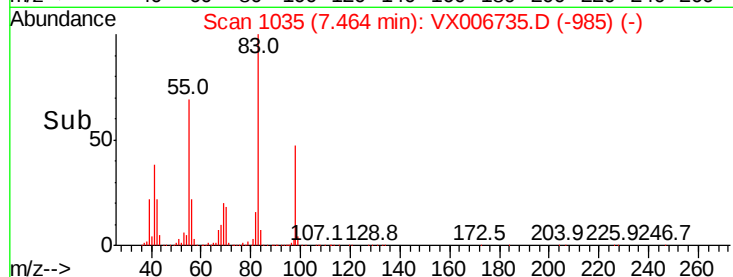
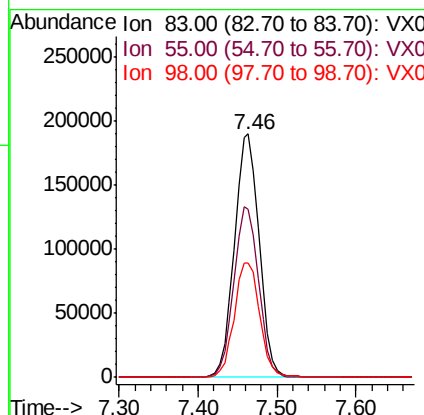
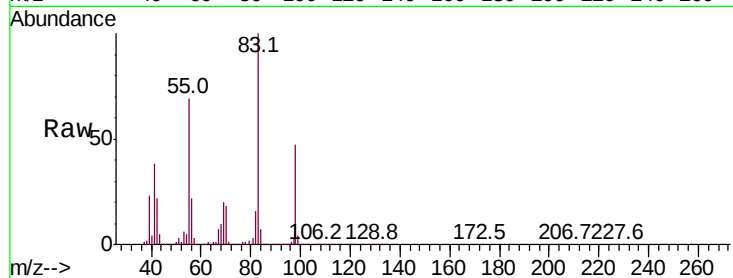
#39
Methvlcvclohexane
Concen: 45.955 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.0	54.9	82.3
98	47.1	37.9	56.9

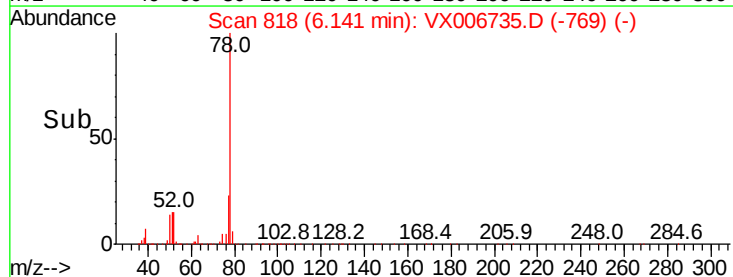
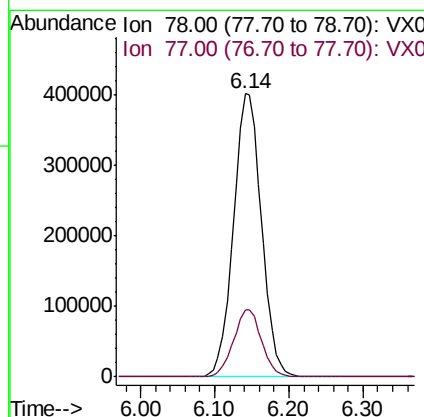
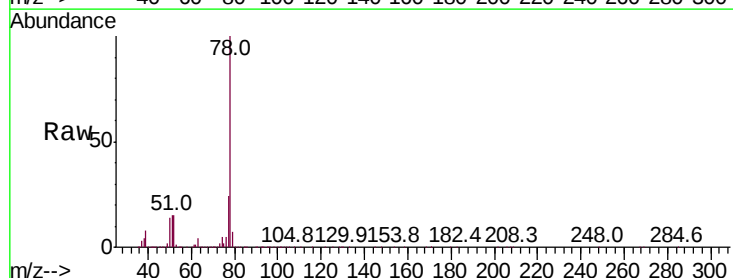
Manual Integrations
APPROVED

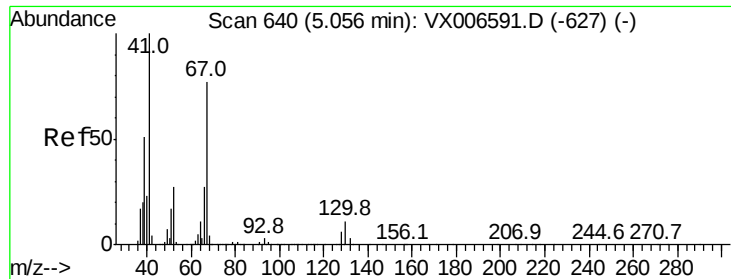
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#40
Benzene
Concen: 50.629 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





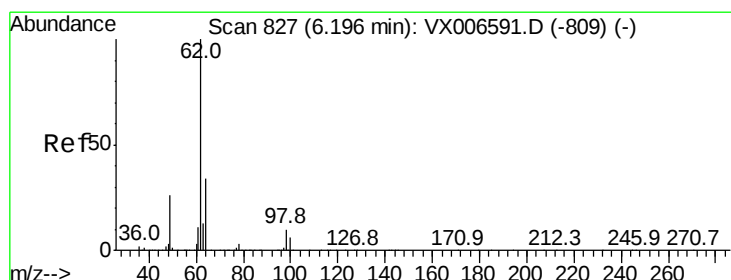
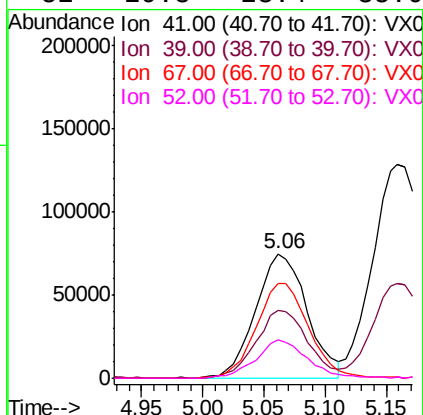
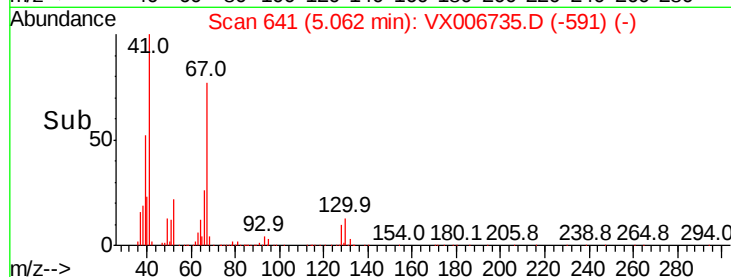
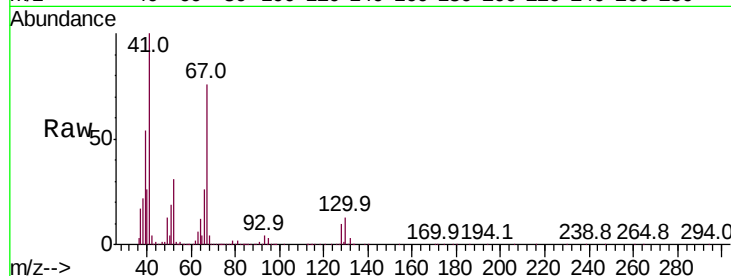
#41
Methacrylonitrile
Concen: 57.071 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	42.8	64.2	
67	78.4	62.1	93.1	
52	29.8	23.4	35.0	

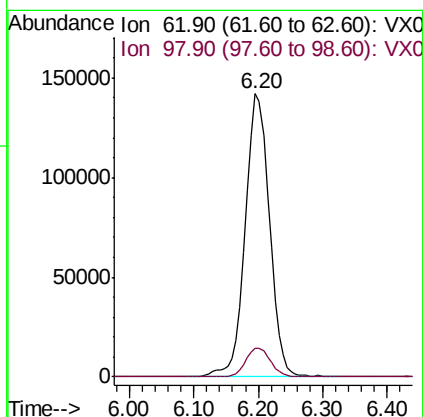
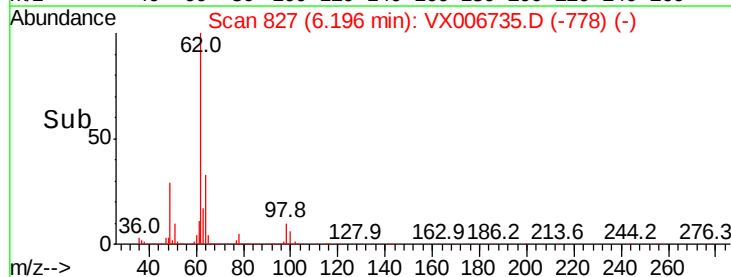
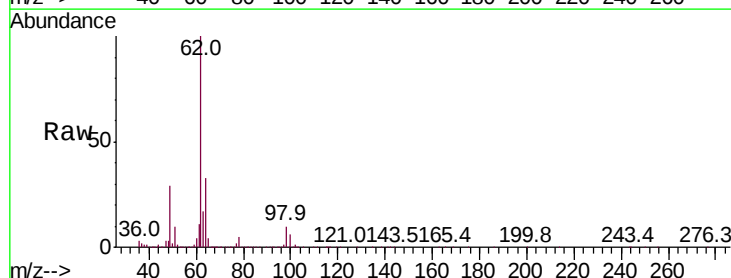
Manual Integrations
APPROVED

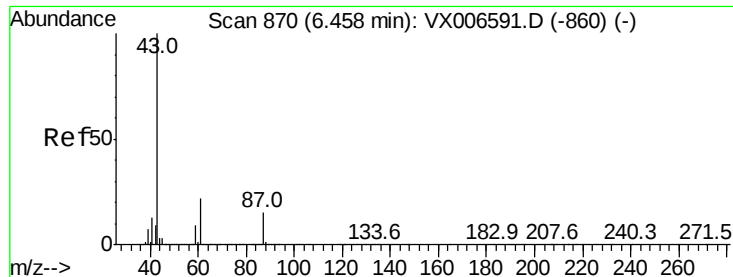
MMDadoda
12/22/2018 11:21:13 AM



#42
1,2-Dichloroethane
Concen: 51.333 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.2	





#43

Isopropyl Acetate

Concen: 56.670 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

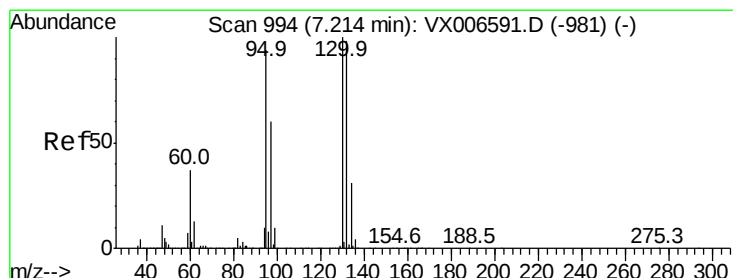
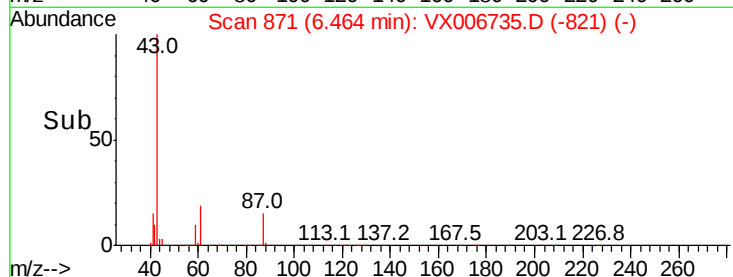
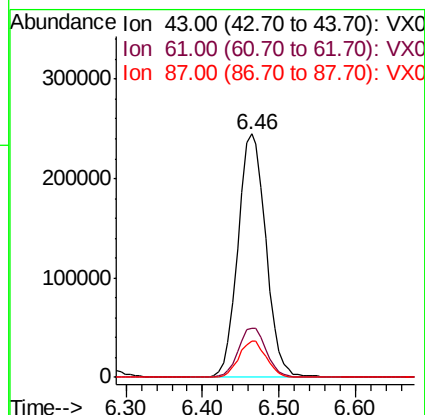
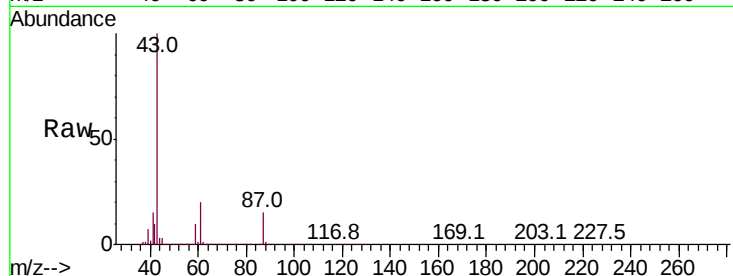
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	616877
Ion Ratio		Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.7	12.4	18.6

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#44

Trichloroethene

Concen: 48.617 ug/l

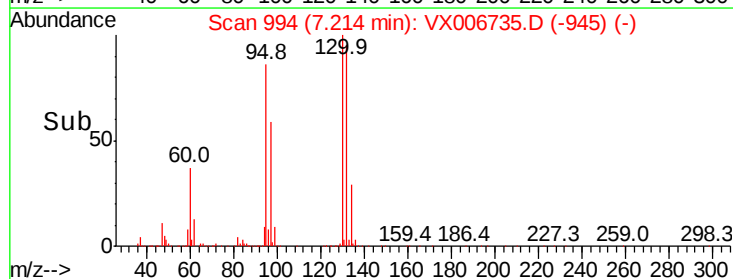
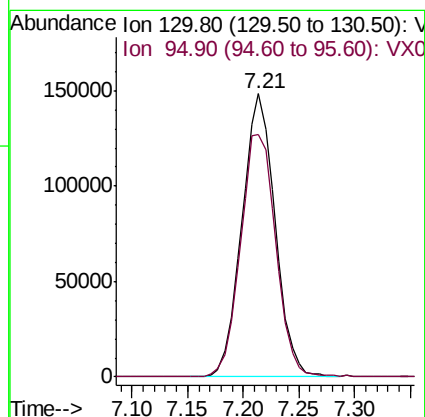
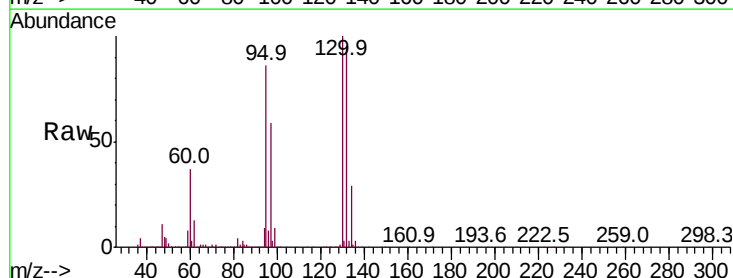
RT: 7.21 min Scan# 994

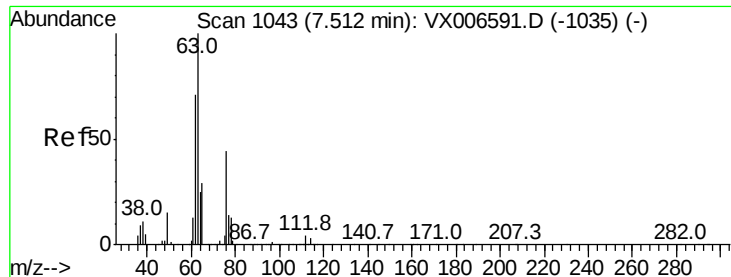
Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion:	130	Resp:	307448
Ion Ratio		Lower	Upper
130	100		
95	85.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 53.002 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 269486

Ion Ratio Lower Upper

63 100

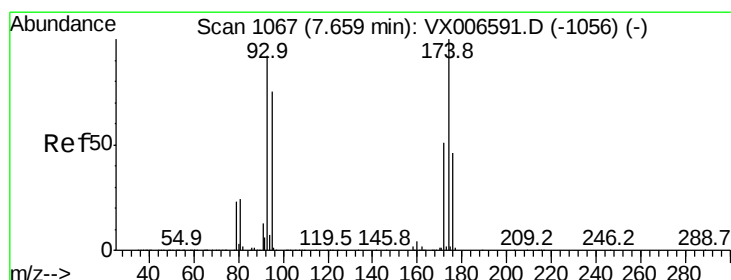
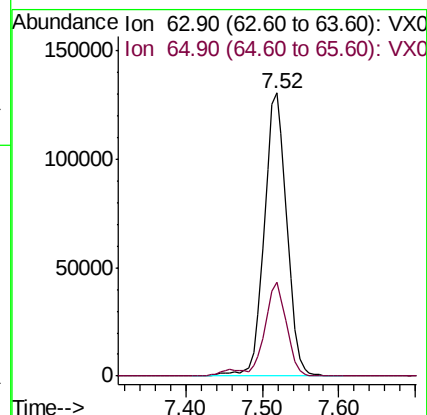
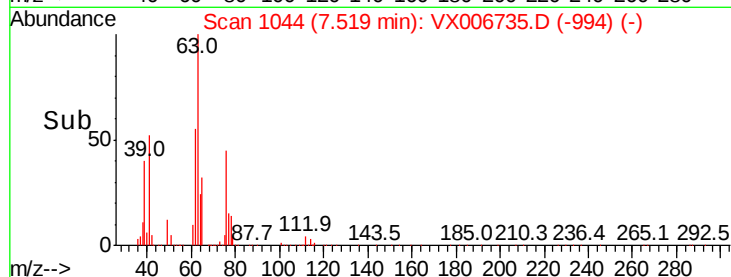
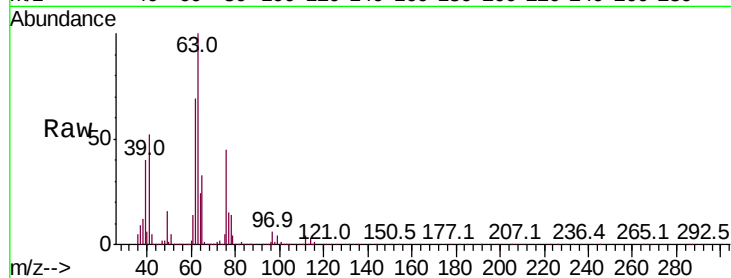
65 33.1 25.4 38.0

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#46

Dibromomethane

Concen: 51.951 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

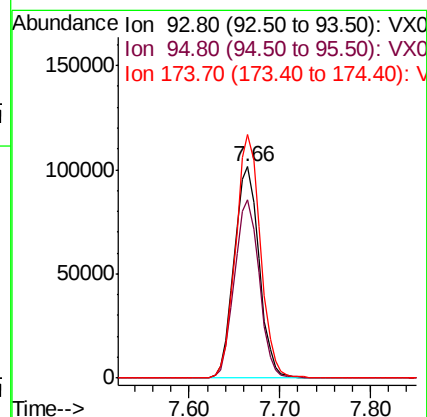
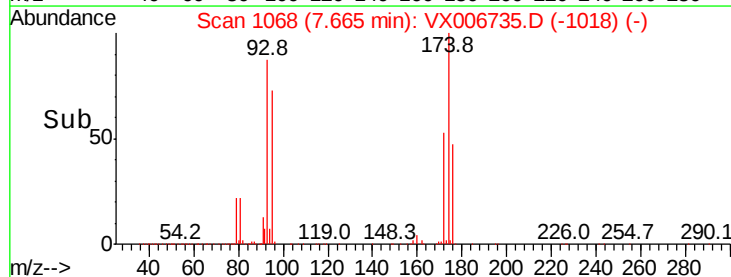
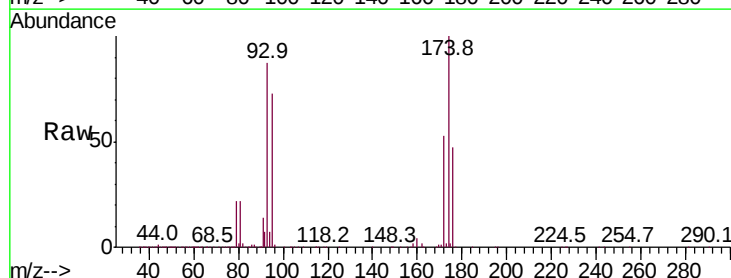
Tgt Ion: 93 Resp: 194291

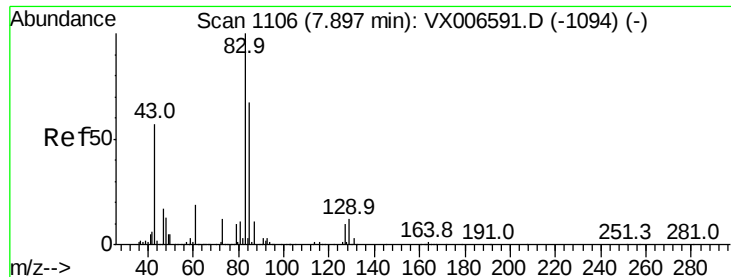
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 114.3 91.0 136.4





#47

Bromodichloromethane

Concen: 53.440 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

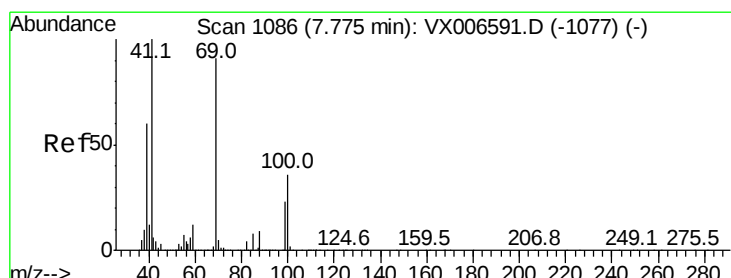
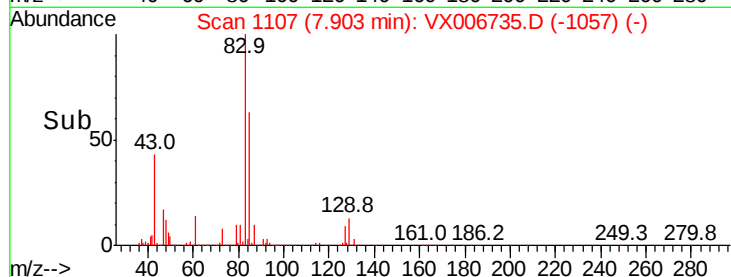
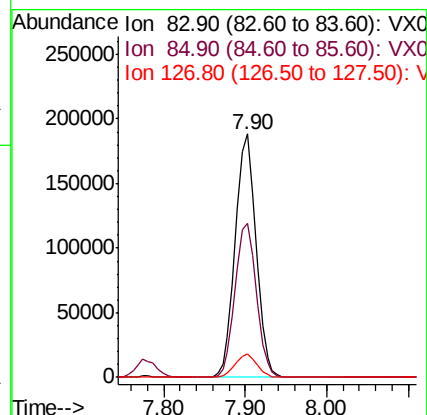
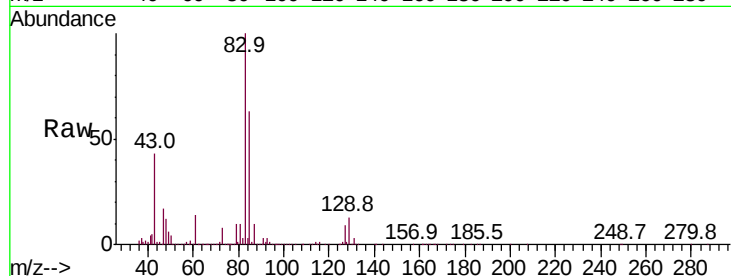
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	331816
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.2	79.8
127	9.4	7.8	11.6

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#48

Methyl methacrylate

Concen: 57.377 ug/l

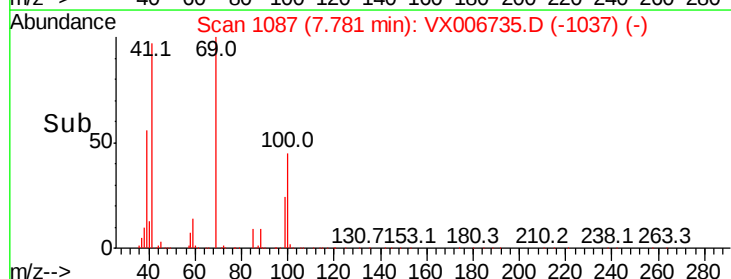
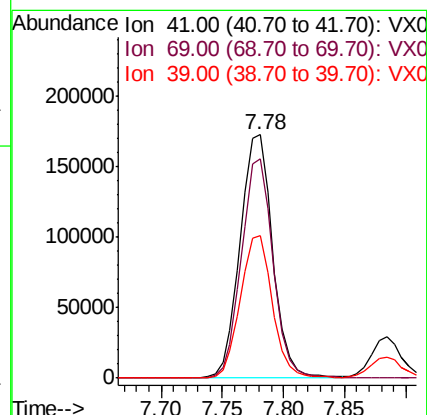
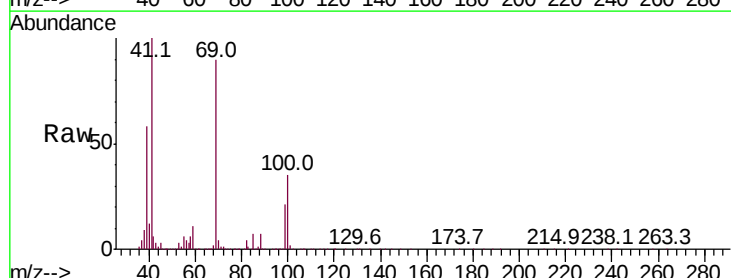
RT: 7.78 min Scan# 1087

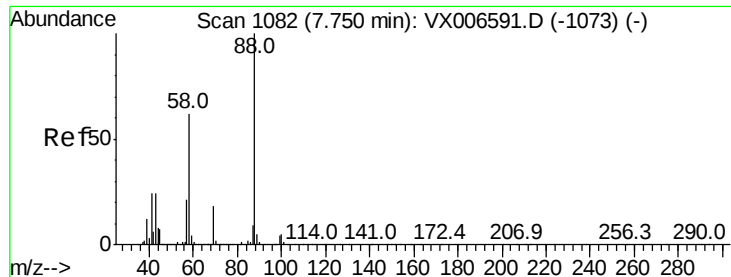
Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion:	41	Resp:	317615
Ion Ratio	Lower	Upper	
41	100		
69	88.4	72.4	108.6
39	57.2	45.8	68.8





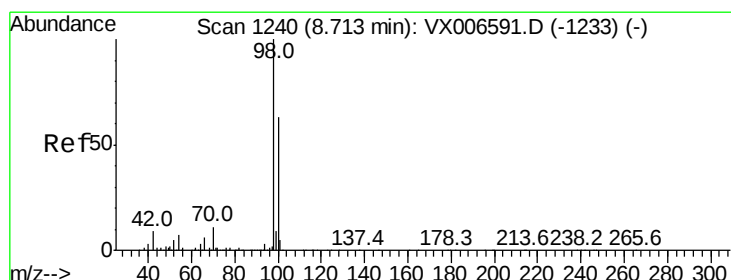
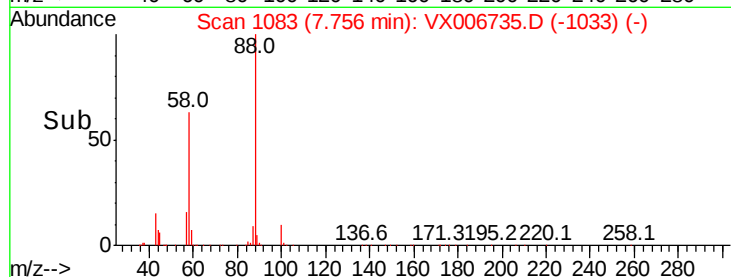
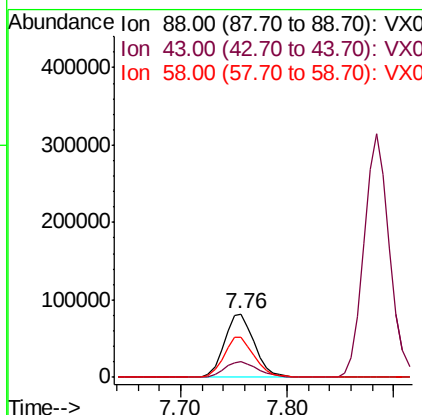
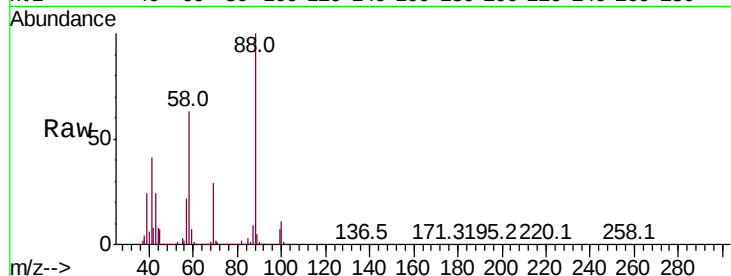
#49
1,4-Dioxane
Concen: 1115.133 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.2	33.4
58	63.8	51.0	76.4

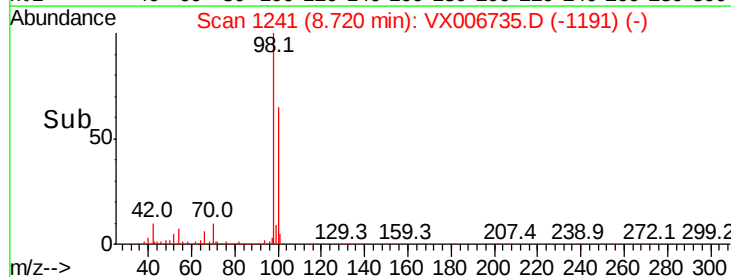
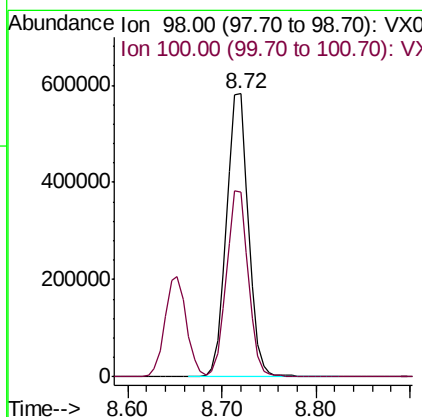
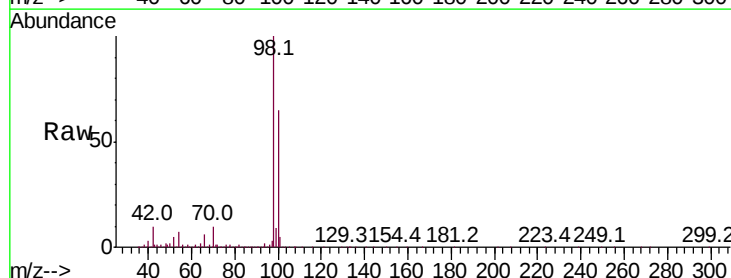
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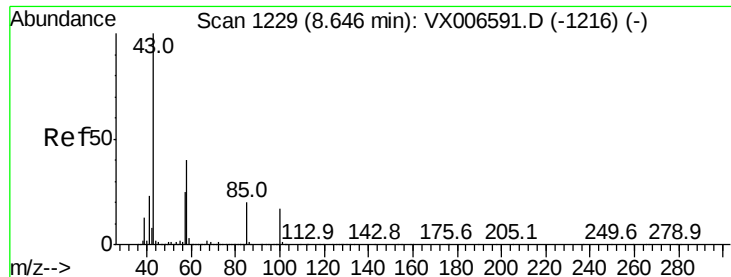
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#50
Toluene-d8
Concen: 47.614 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0





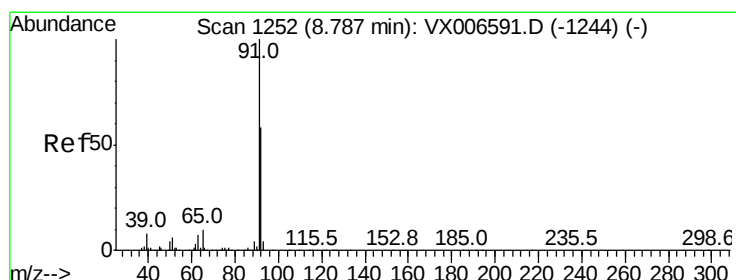
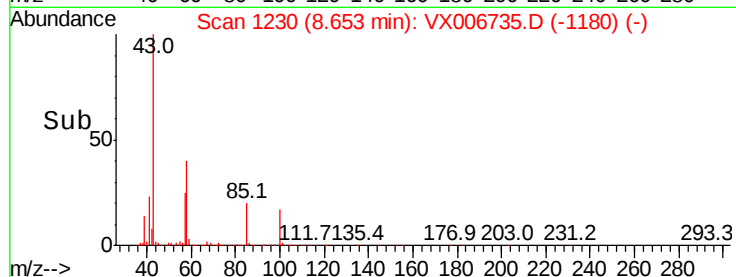
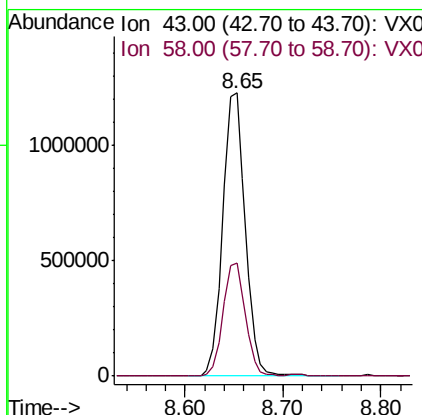
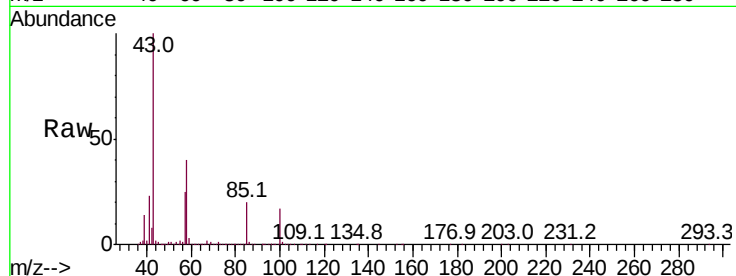
#51
4-Methyl-2-Pentanone
Concen: 283.632 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1964474
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.6

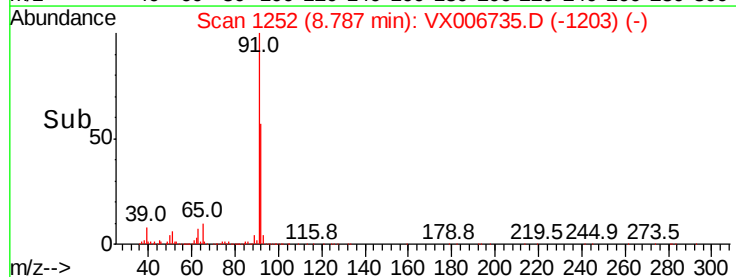
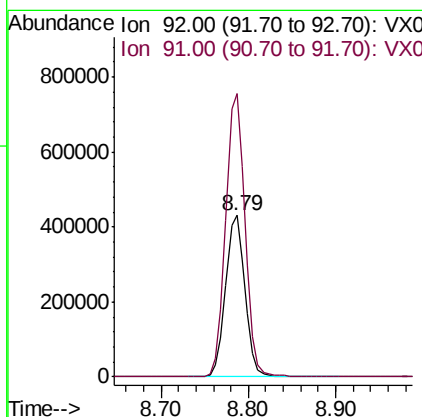
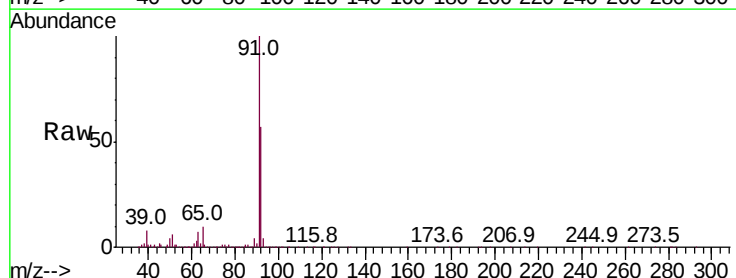
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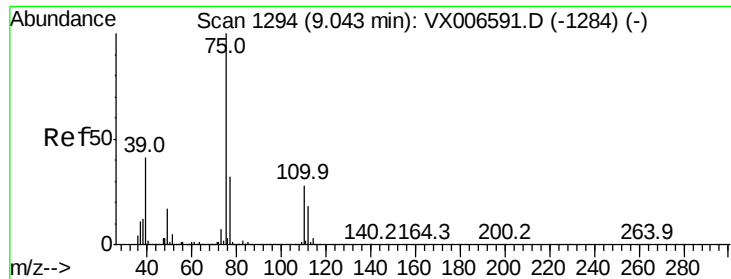
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#52
Toluene
Concen: 48.997 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion: 92 Resp: 661370
Ion Ratio Lower Upper
92 100
91 175.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.618 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 343731

Ion Ratio Lower Upper

75 100

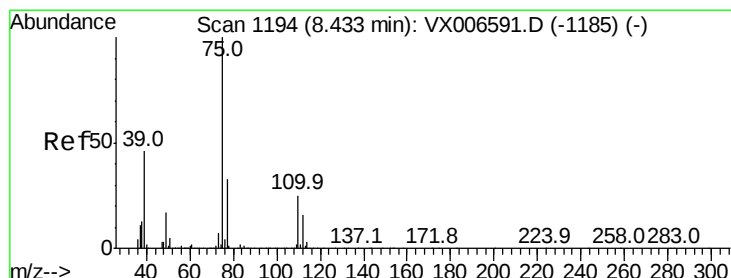
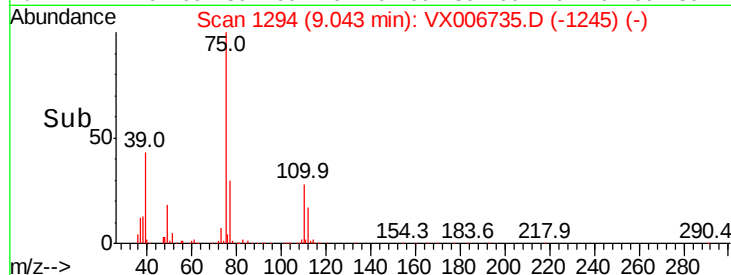
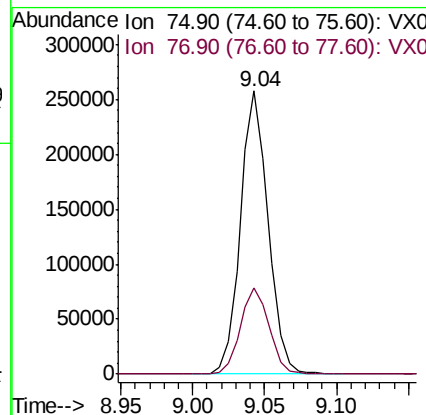
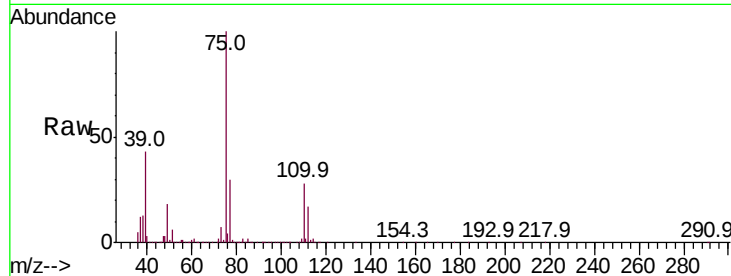
77 30.2 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 53.245 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

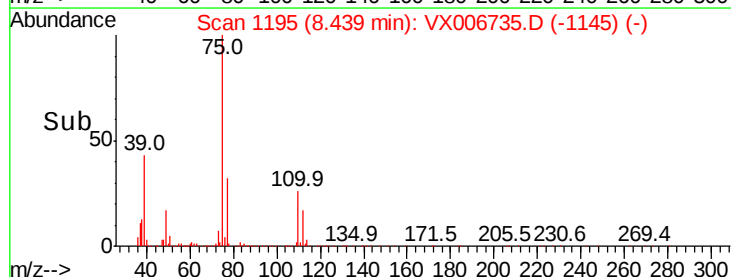
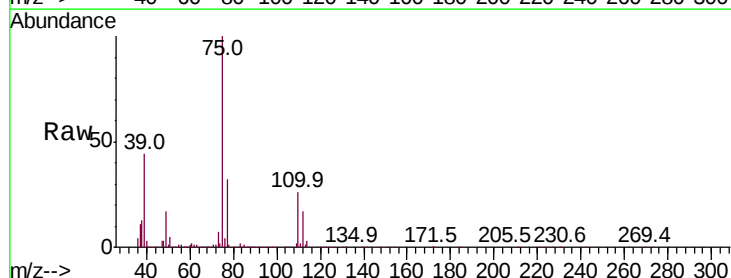
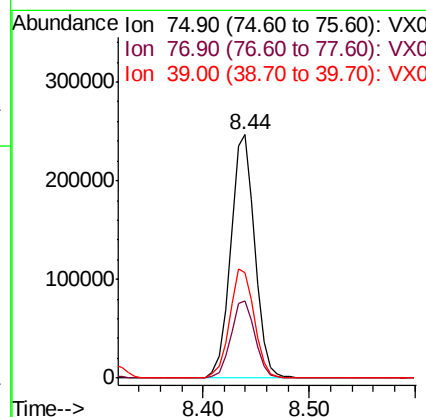
Tgt Ion: 75 Resp: 389047

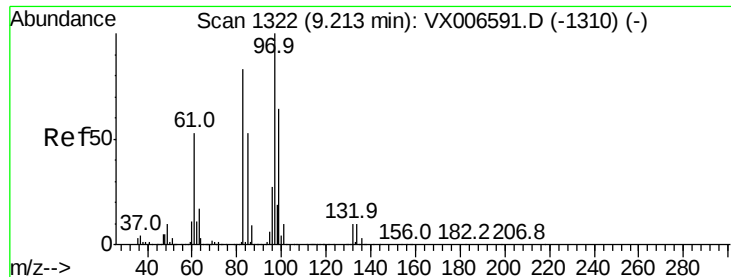
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

39 43.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 52.704 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

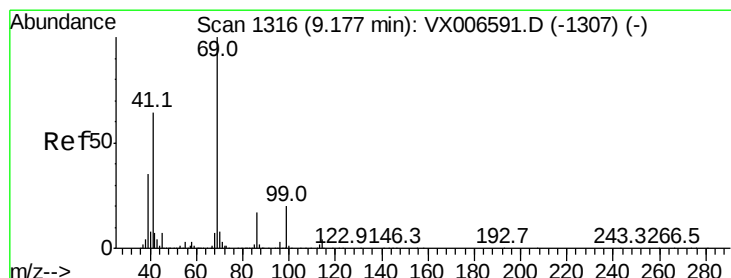
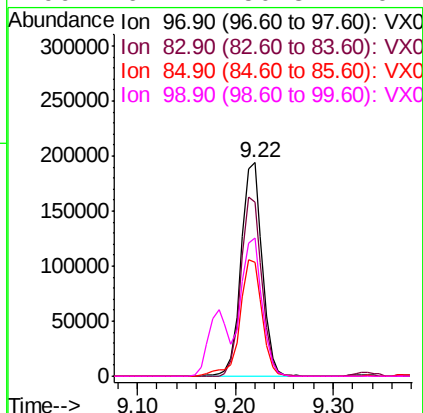
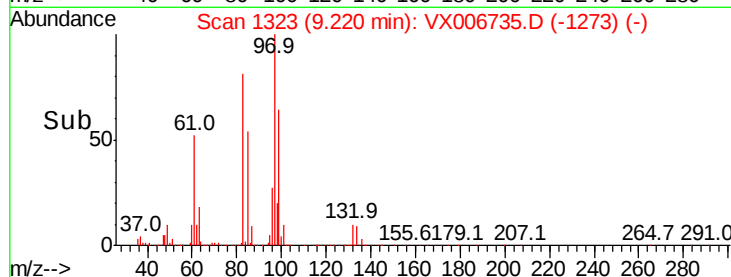
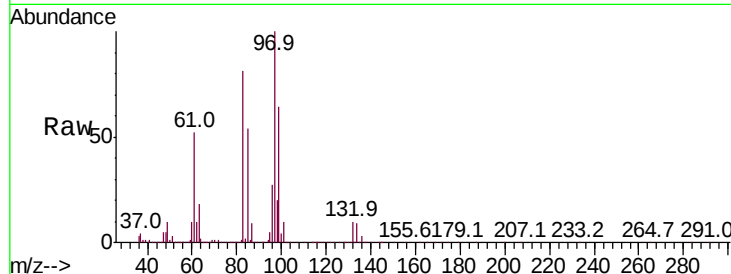
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.3	66.6	99.8
85	53.6	42.7	64.1
99	64.4	50.8	76.2

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#56

Ethyl methacrylate

Concen: 54.090 ug/l

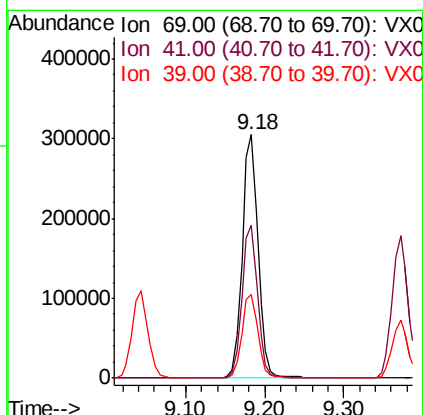
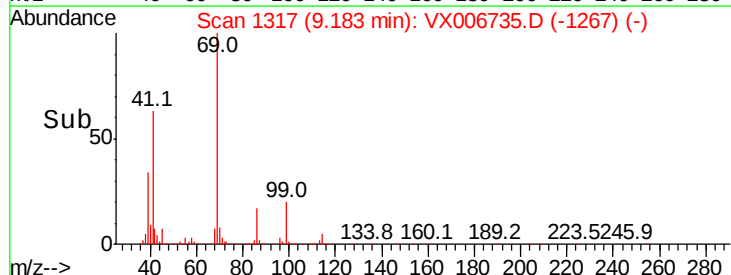
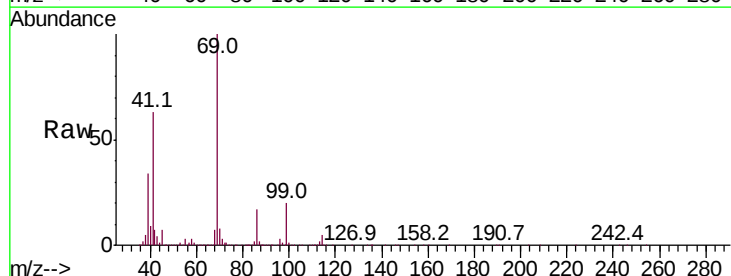
RT: 9.18 min Scan# 1317

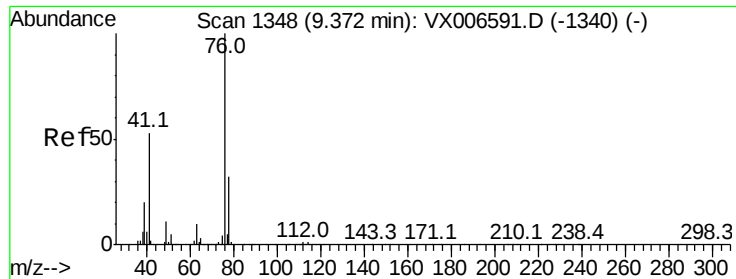
Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.4	48.7	73.1
39	35.2	27.0	40.6





#57

1,3-Dichloropropane

Concen: 52.099 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 463122

Ion Ratio Lower Upper

76 100

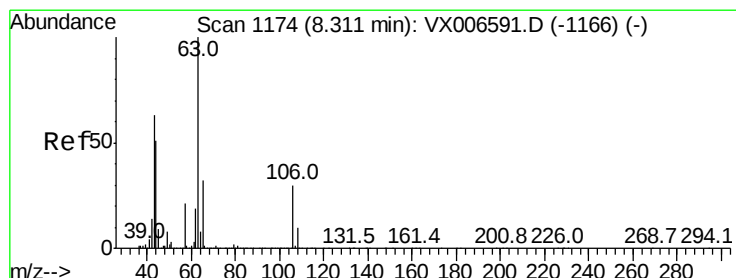
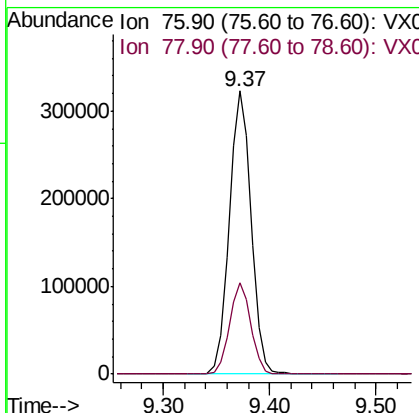
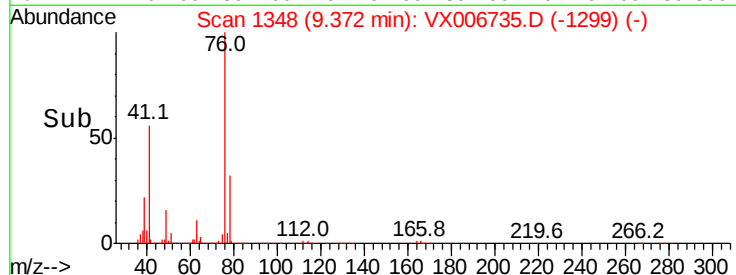
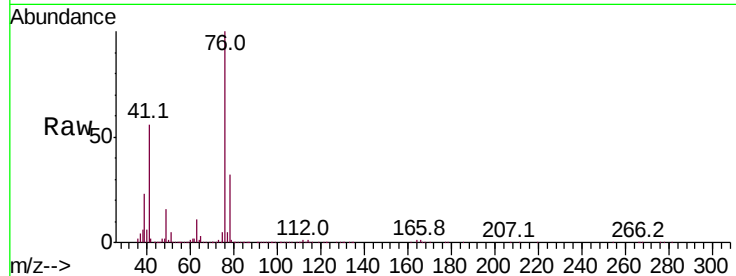
78 31.6 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 261.967 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006735.D

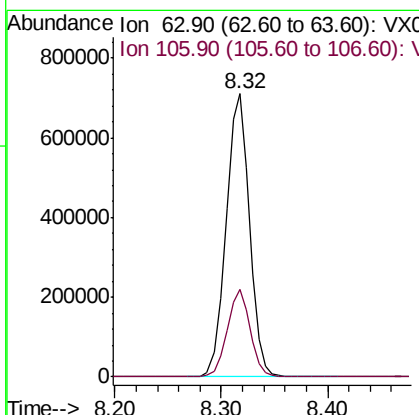
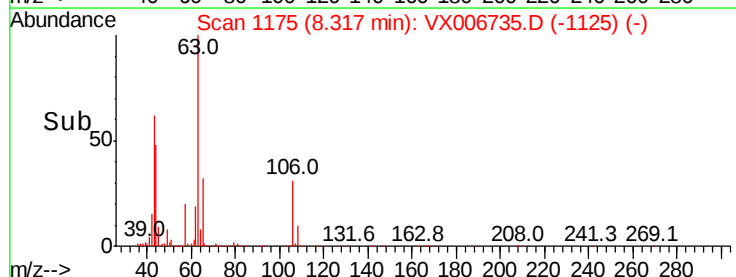
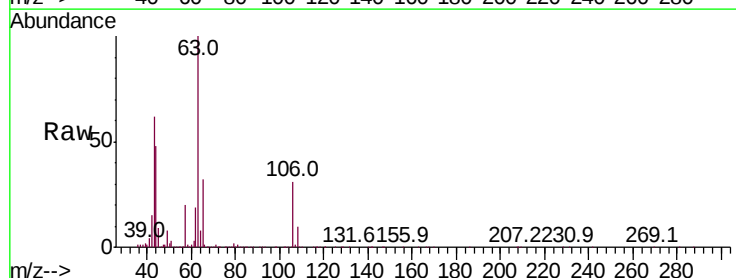
Acq: 21 Dec 2018 20:24

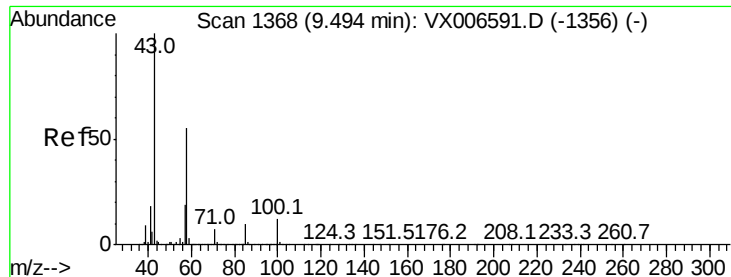
Tgt Ion: 63 Resp: 1087423

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8





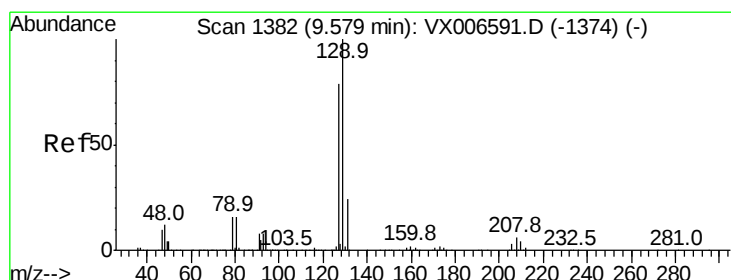
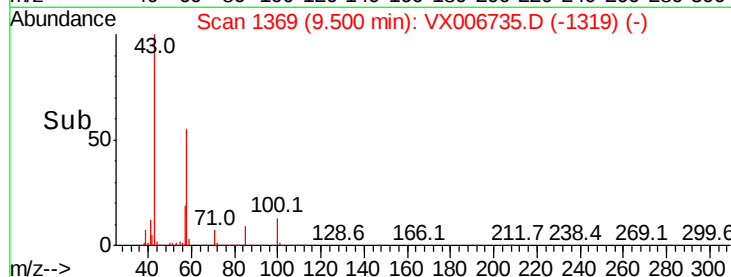
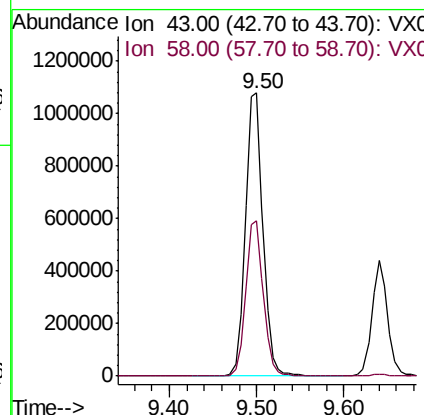
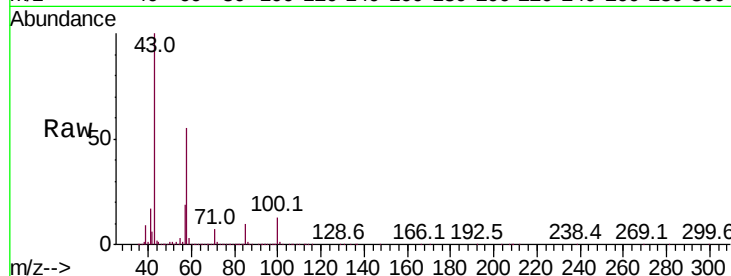
#59
2-Hexanone
Concen: 284.515 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1507731
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

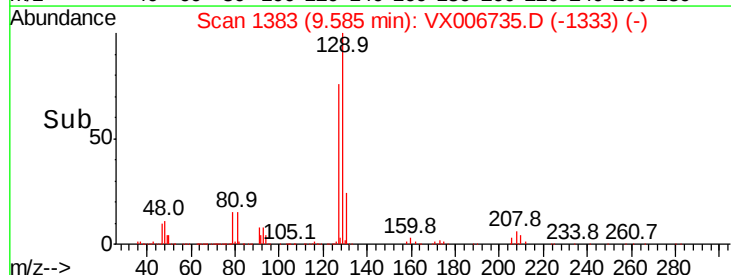
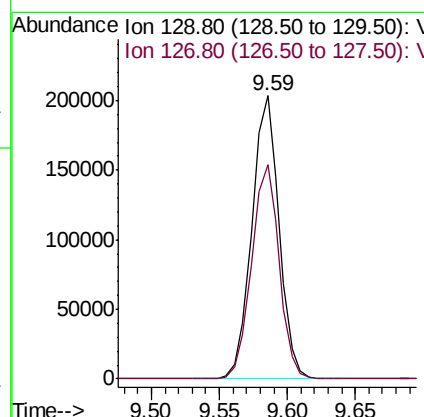
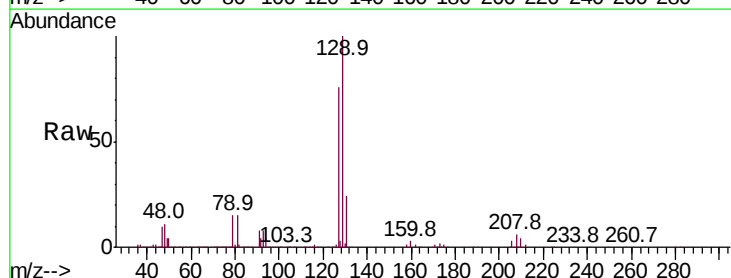
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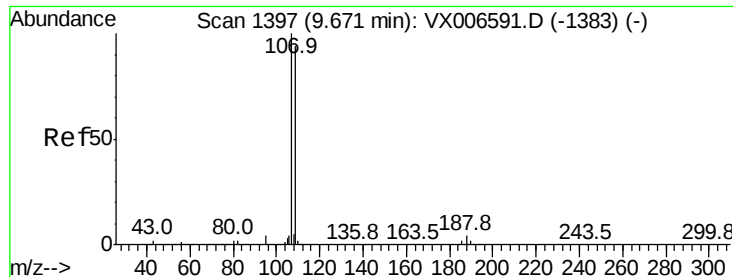
MMDadoda
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#60
Dibromochloromethane
Concen: 49.325 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion: 129 Resp: 284840
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.676 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 315255

Ion Ratio Lower Upper

107 100

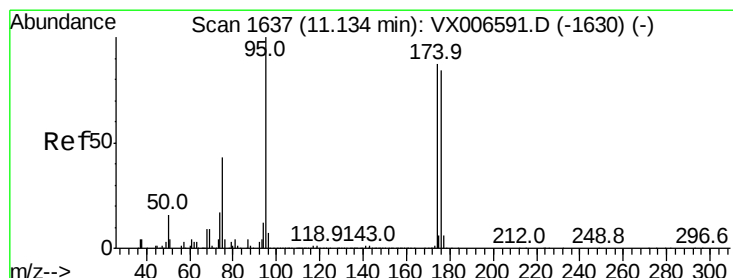
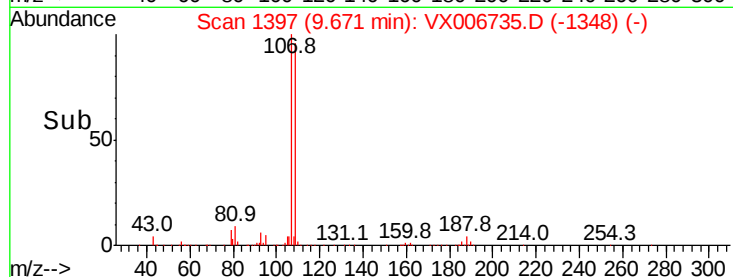
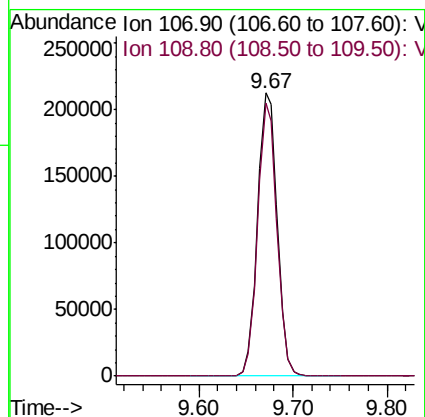
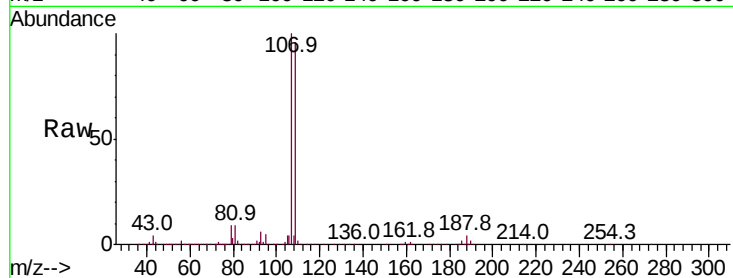
109 94.2 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 46.689 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

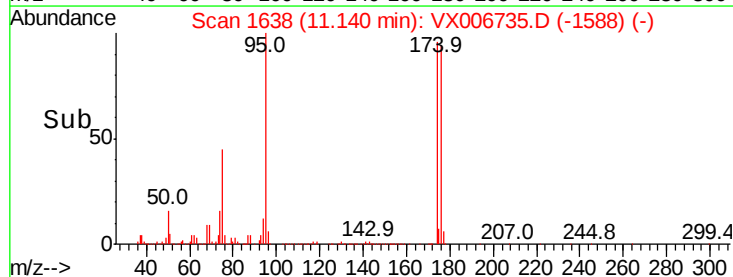
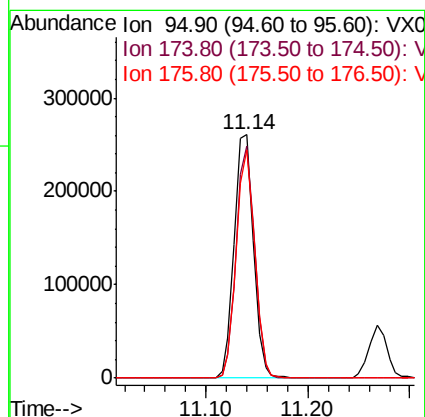
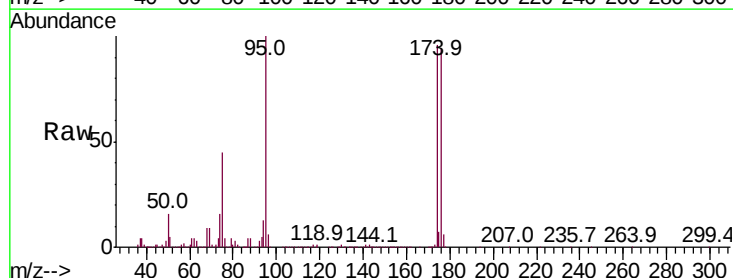
Tgt Ion: 95 Resp: 338337

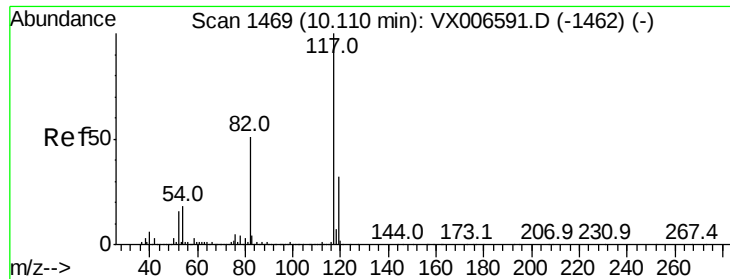
Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.2

176 90.0 0.0 178.8





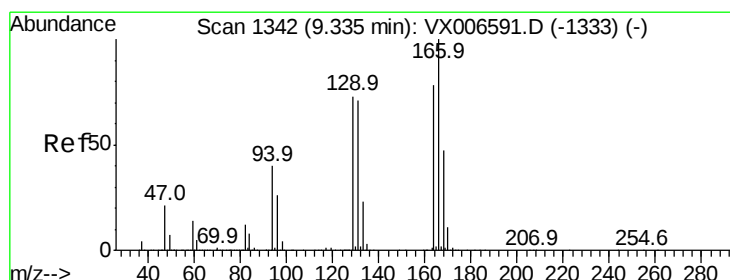
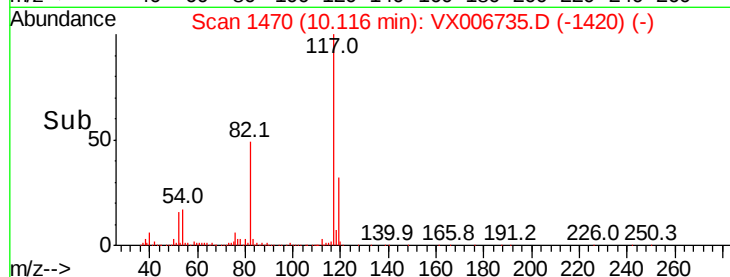
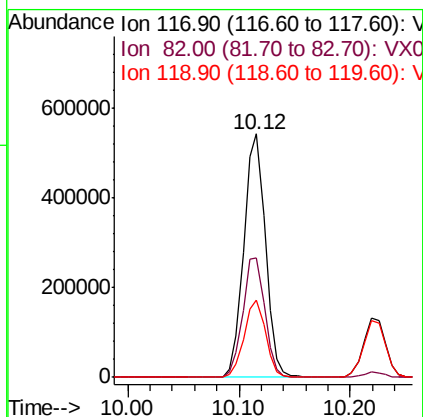
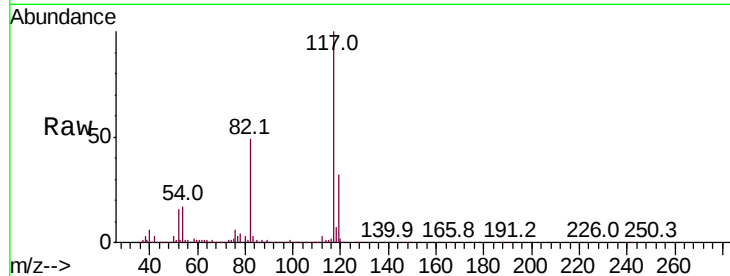
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	49.2	41.0	61.6
119	31.5	25.4	38.0

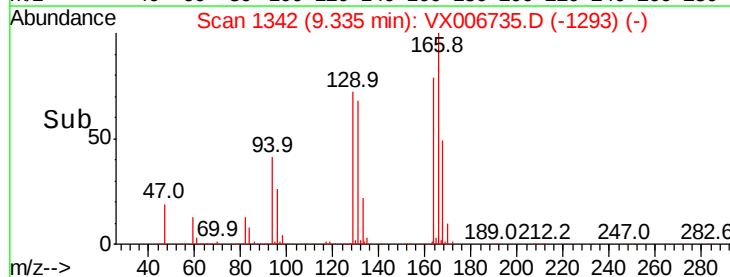
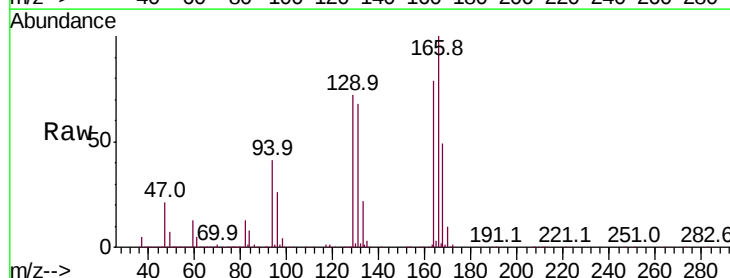
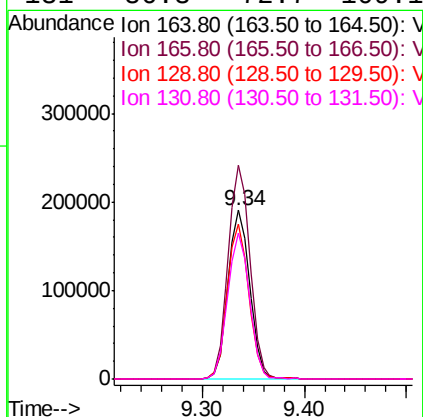
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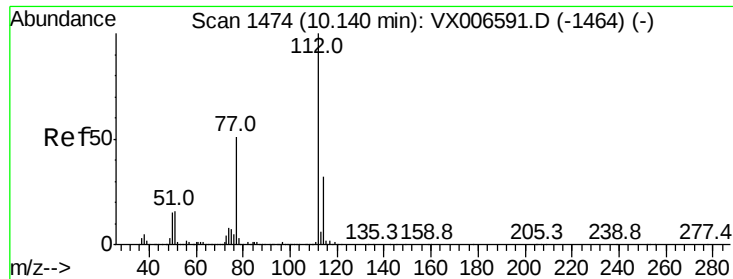
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#64
Tetrachloroethene
Concen: 48.440 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.8	102.5	153.7
129	91.9	75.1	112.7
131	86.3	72.7	109.1





#65

Chlorobenzene

Concen: 49.280 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 763718

Ion Ratio Lower Upper

112 100

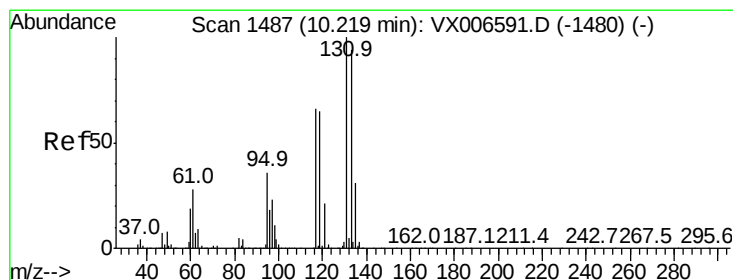
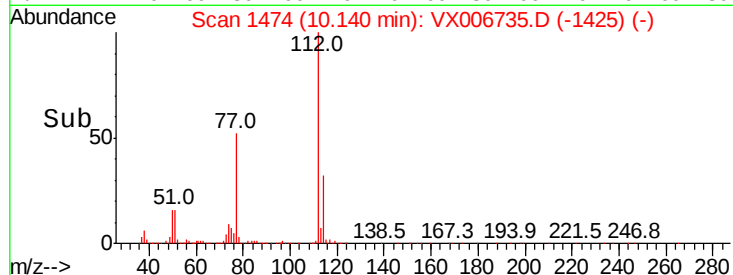
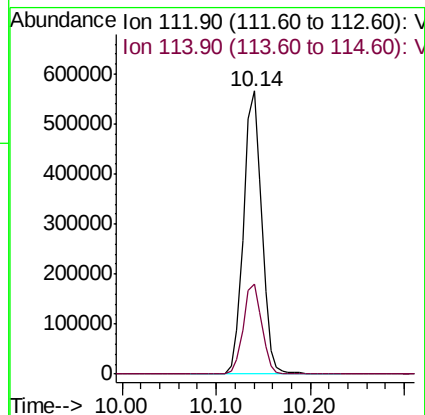
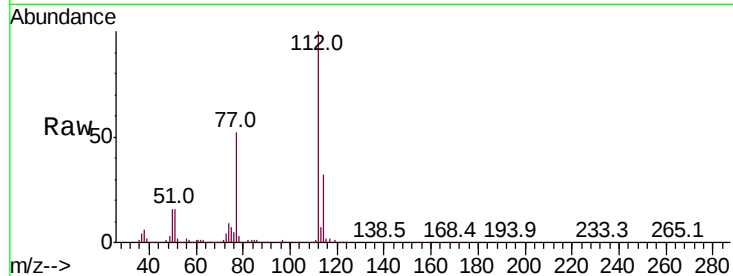
114 31.7 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.420 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

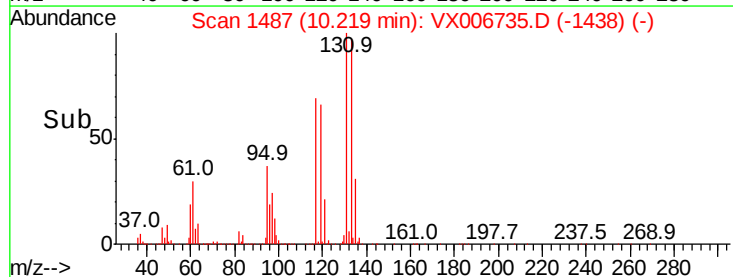
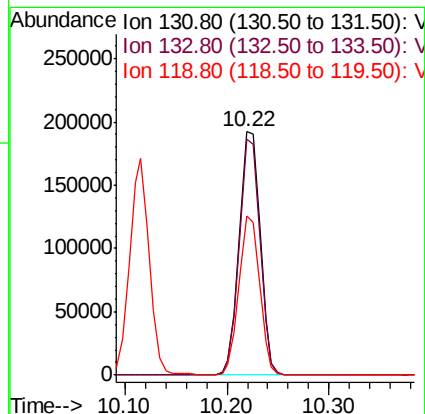
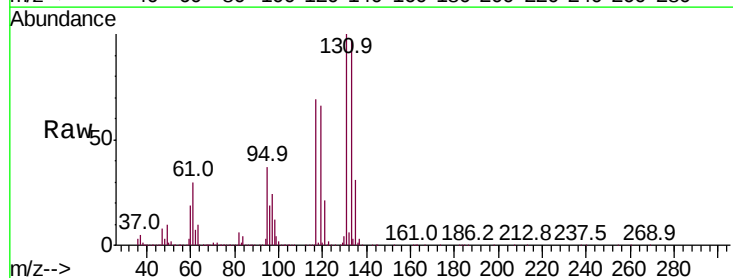
Tgt Ion:131 Resp: 272799

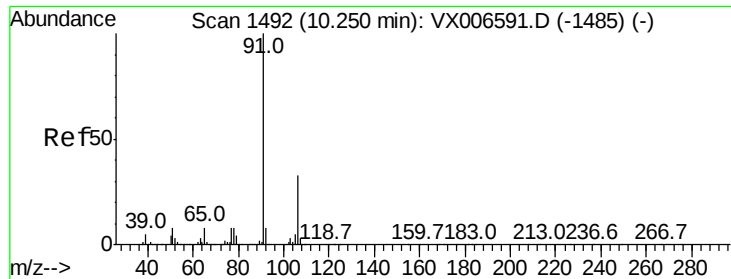
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 64.3 32.6 97.8





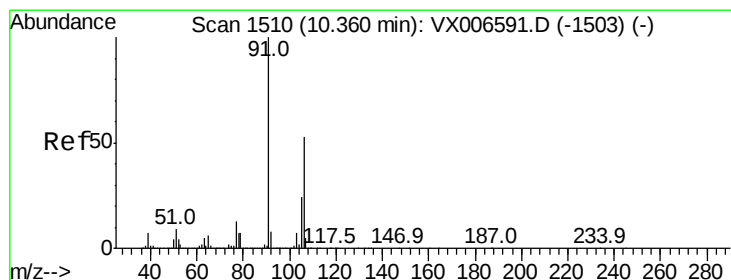
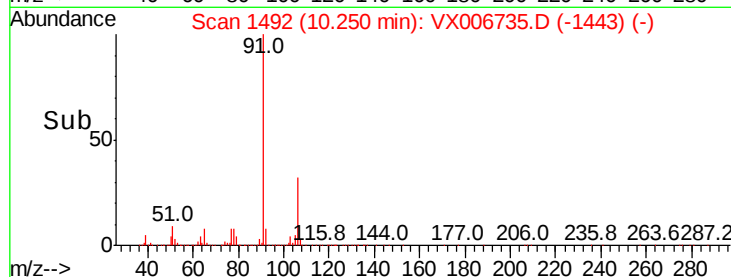
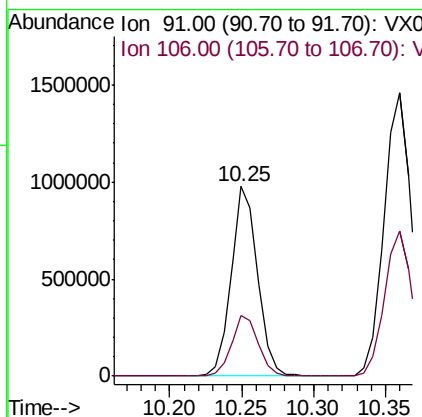
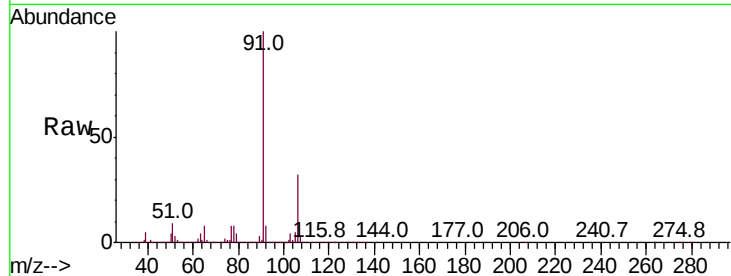
#67
Ethyl Benzene
Concen: 49.585 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1255684
Ion Ratio Lower Upper
91 100
106 31.8 26.4 39.6

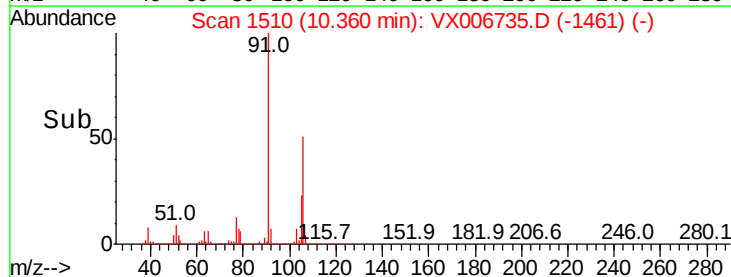
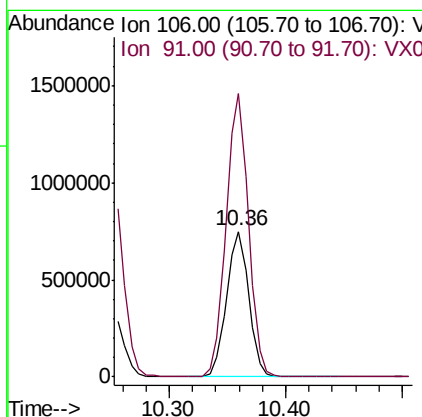
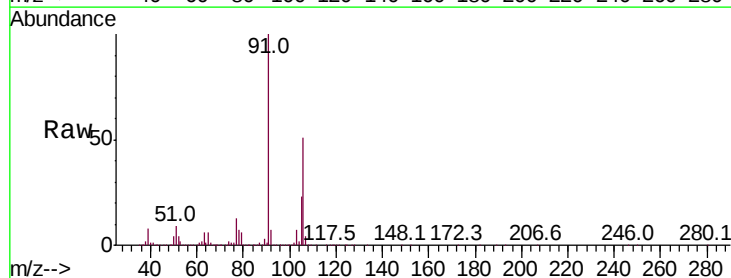
Manual Integrations
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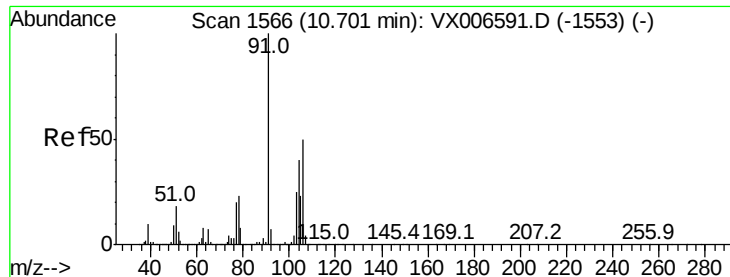
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#68
m/p-Xylenes
Concen: 99.222 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion: 106 Resp: 991496
Ion Ratio Lower Upper
106 100
91 195.0 155.8 233.6





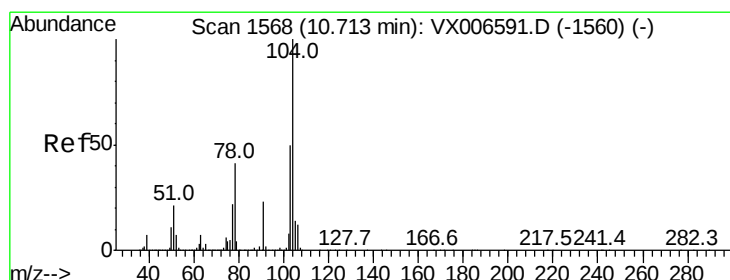
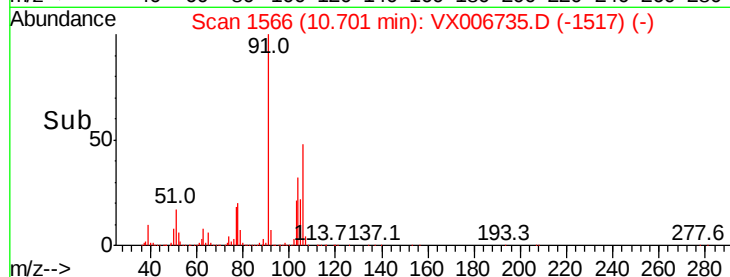
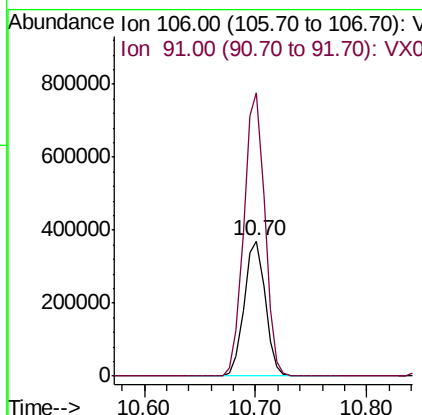
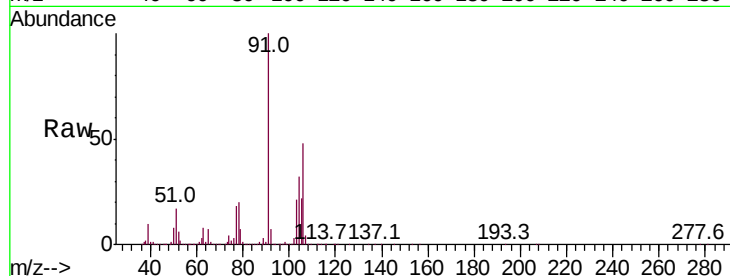
#69
o-Xylene
Concen: 49.433 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.3	101.3	303.7

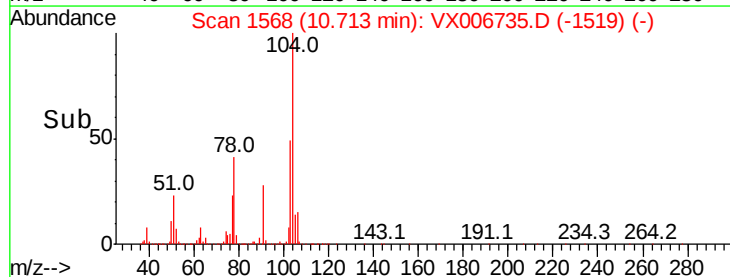
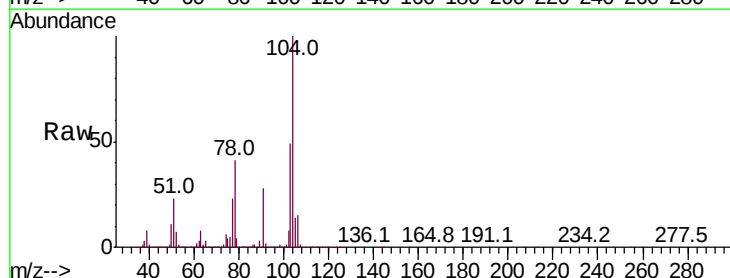
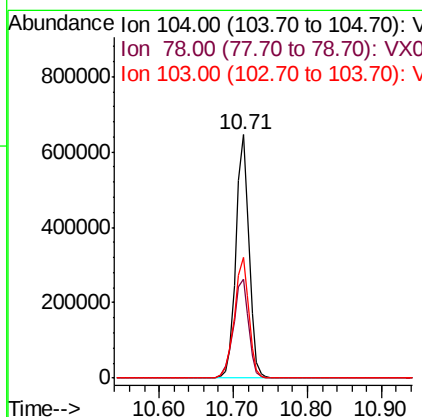
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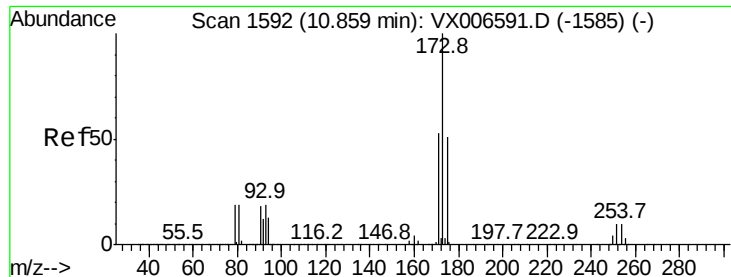
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#70
Styrene
Concen: 51.405 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.7	56.5
103	54.7	43.8	65.8





#71

Bromoform

Concen: 47.336 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

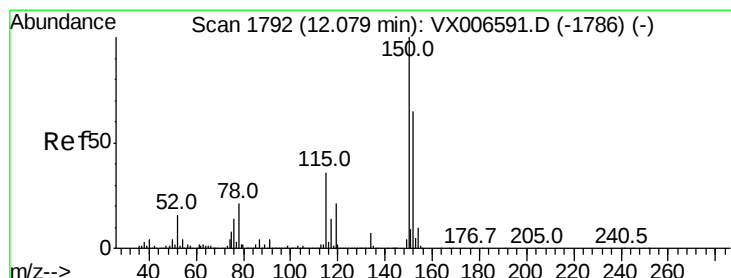
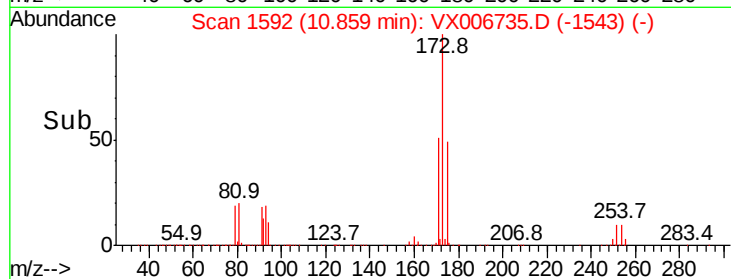
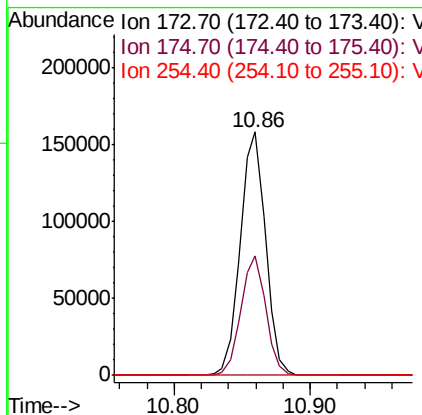
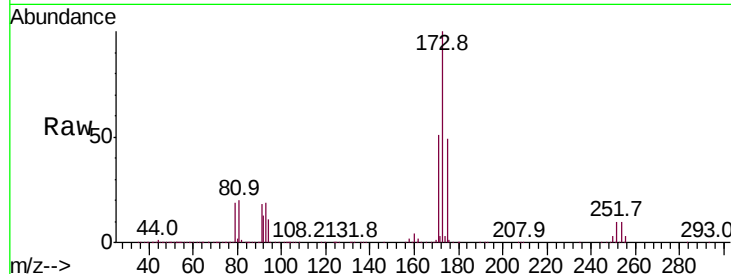
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	205311
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.7	74.1
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

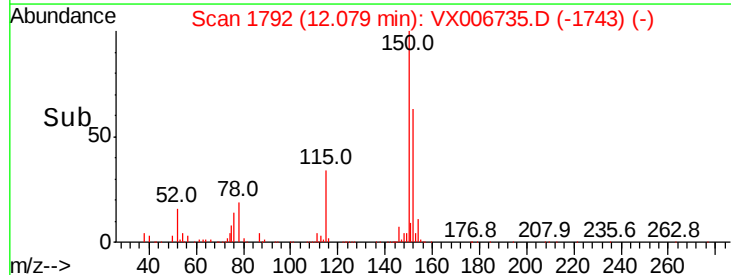
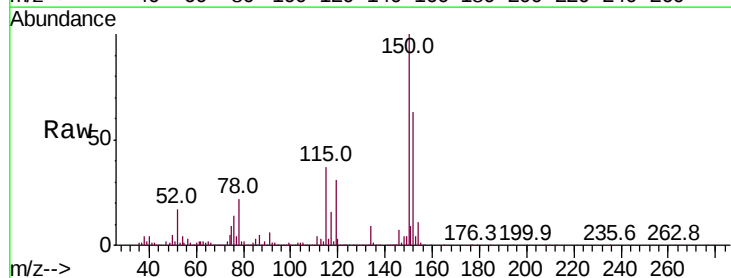
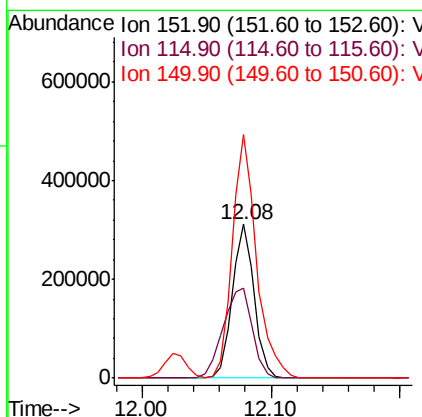
RT: 12.08 min Scan# 1792

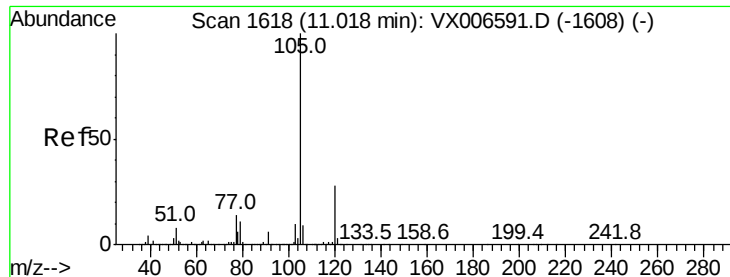
Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion:	152	Resp:	369154
Ion Ratio	Lower	Upper	
152	100		
115	78.4	39.1	117.2
150	174.5	0.0	344.8





#73

Isopropylbenzene

Concen: 50.852 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1284258

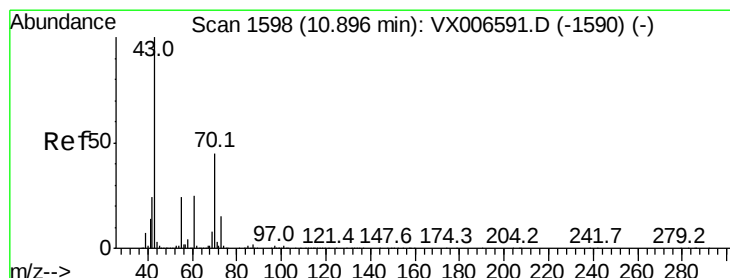
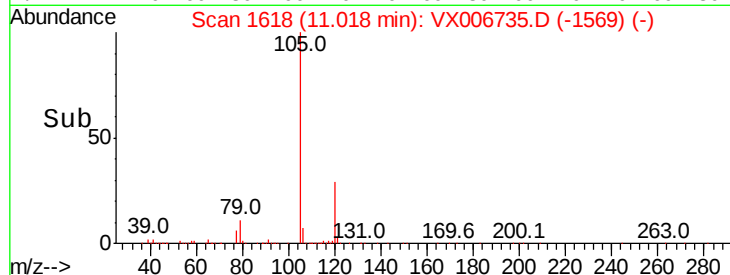
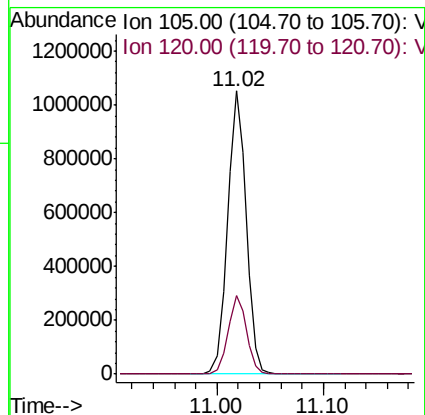
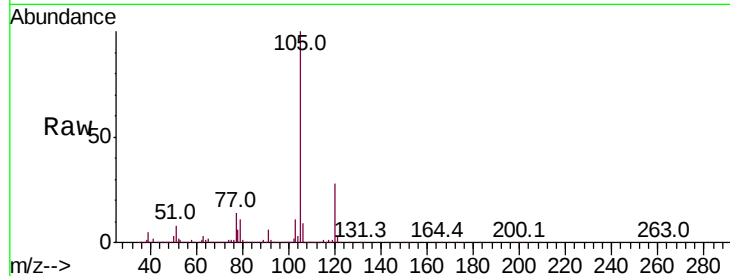
Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4

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#74

N-ethyl acetate

Concen: 59.888 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion: 43 Resp: 541365

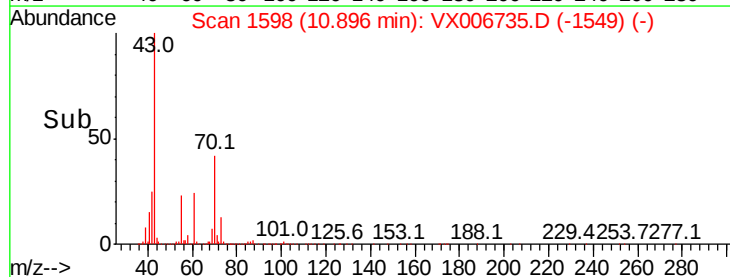
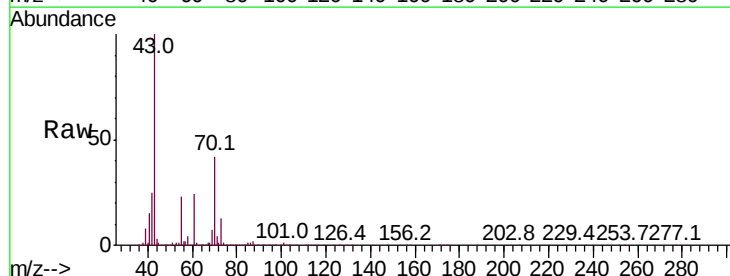
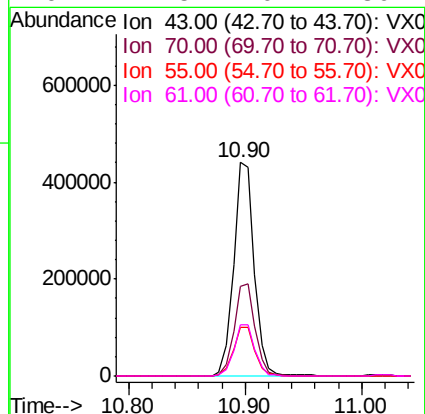
Ion Ratio Lower Upper

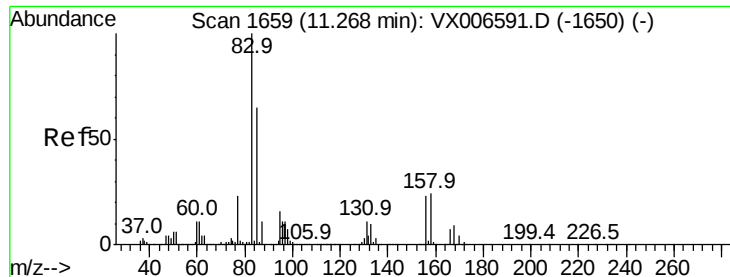
43 100

70 43.7 35.8 53.8

55 23.9 19.4 29.0

61 24.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 57.553 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 432265

Ion Ratio Lower Upper

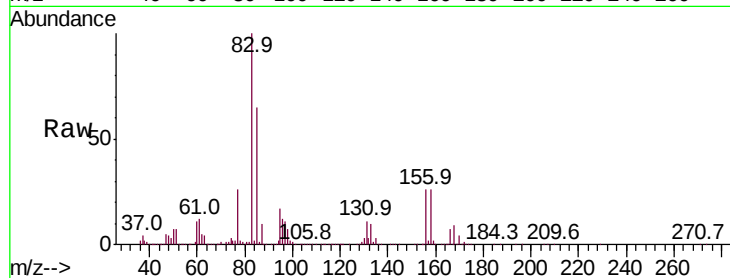
83 100

131 11.2 5.7 17.1

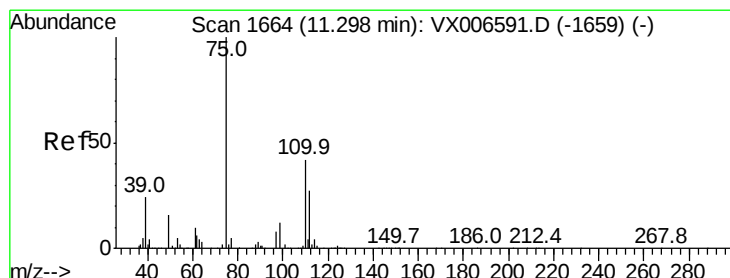
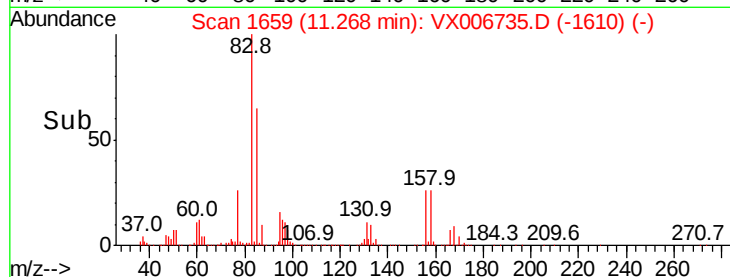
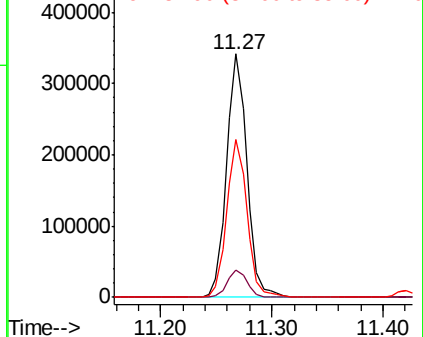
85 64.6 32.2 96.6

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.127 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006735.D

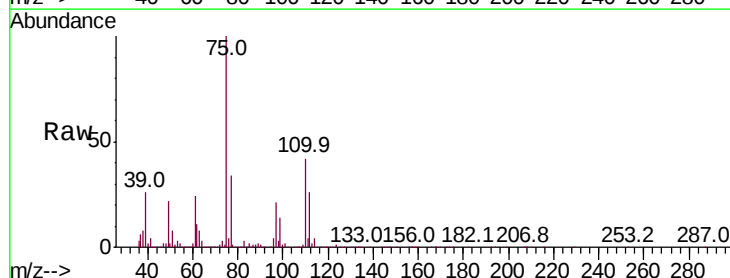
Acq: 21 Dec 2018 20:24

Tgt Ion: 75 Resp: 385056

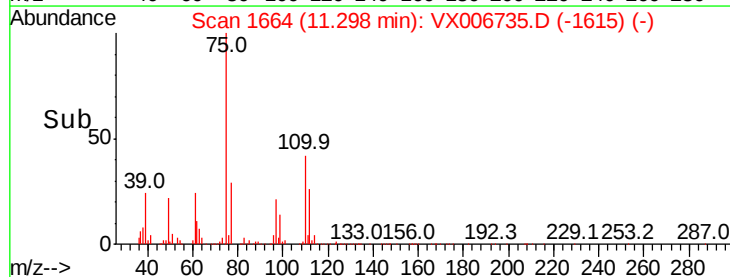
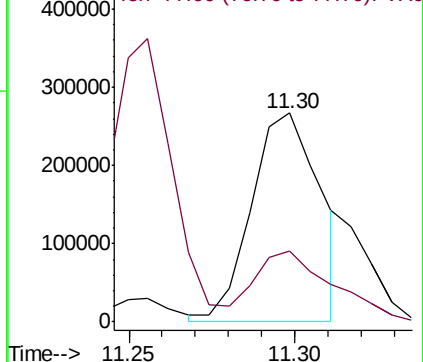
Ion Ratio Lower Upper

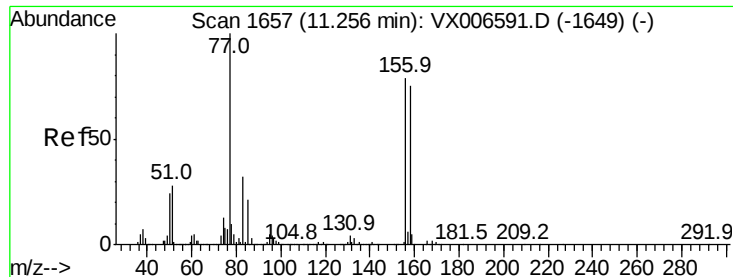
75 100

77 38.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.227 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 349759

Ion Ratio Lower Upper

156 100

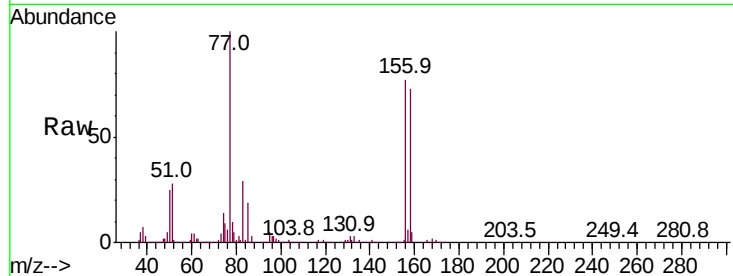
77 136.5 68.0 204.0

158 97.1 48.3 144.8

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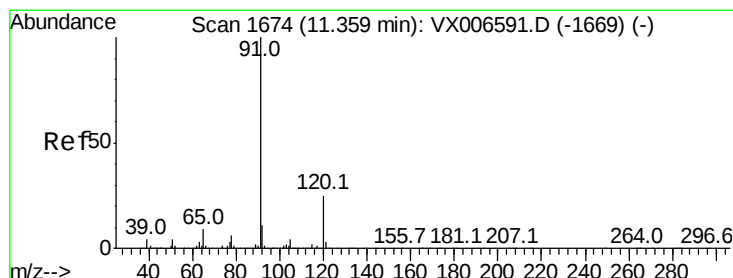
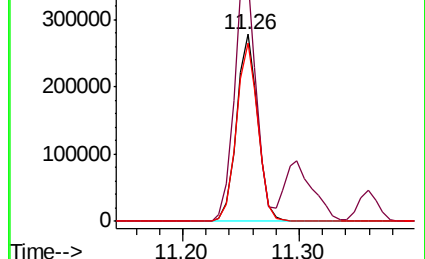
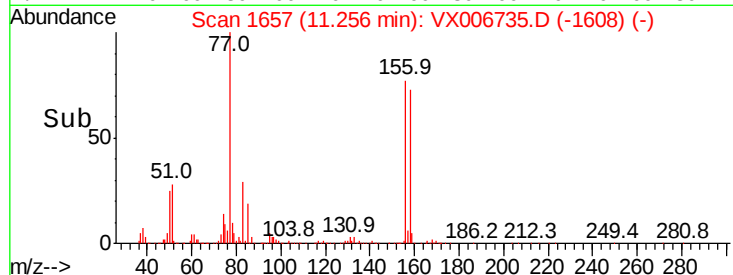
12/22/2018 11:21:13 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.703 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006735.D

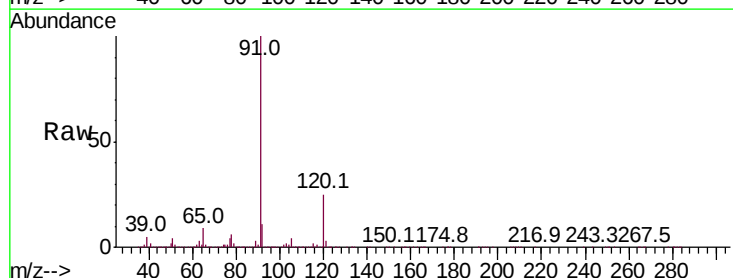
Acq: 21 Dec 2018 20:24

Tgt Ion: 91 Resp: 1410069

Ion Ratio Lower Upper

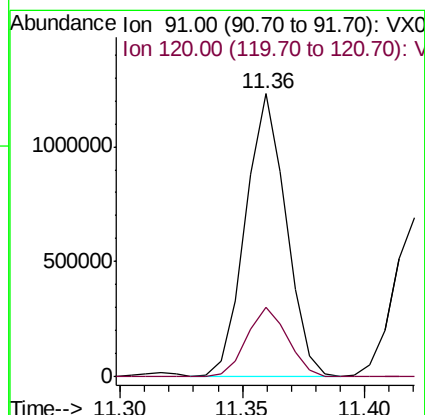
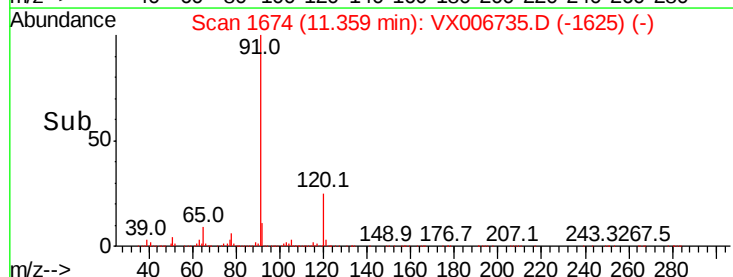
91 100

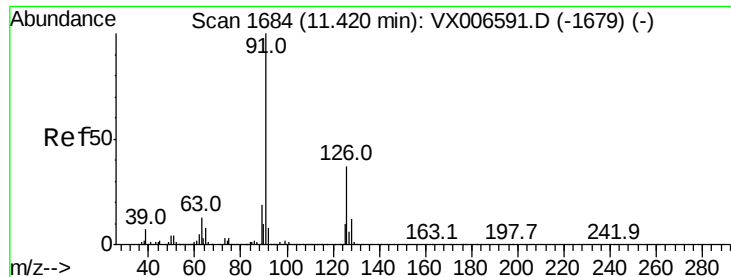
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.564 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 835317

Ion Ratio Lower Upper

91 100

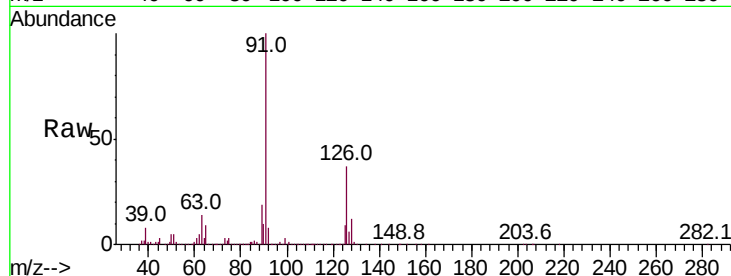
126 37.5 18.6 56.0

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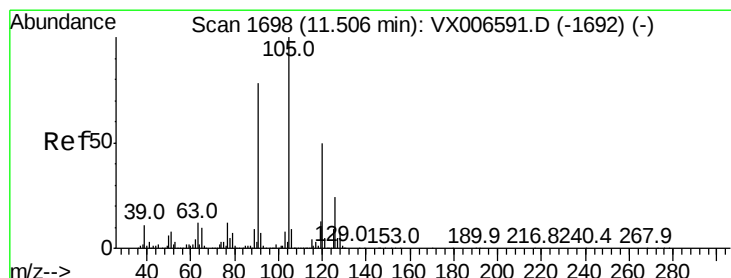
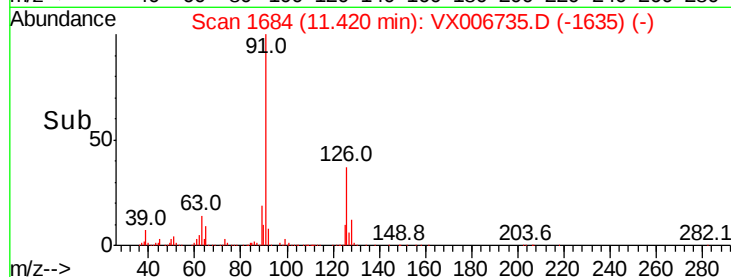
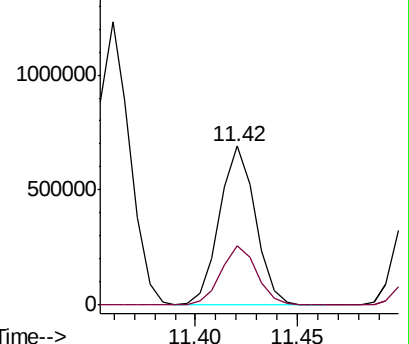
MMDadoda

12/22/2018 11:21:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.156 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006735.D

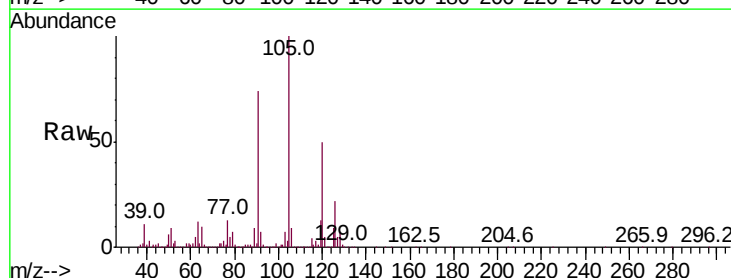
Acq: 21 Dec 2018 20:24

Tgt Ion: 105 Resp: 1064117

Ion Ratio Lower Upper

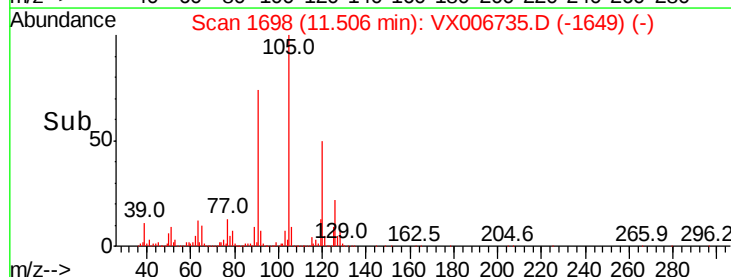
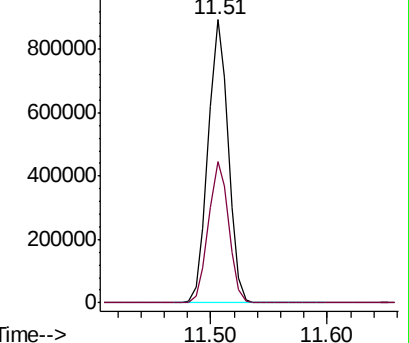
105 100

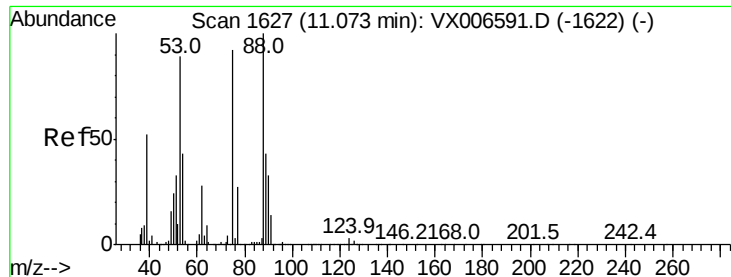
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)





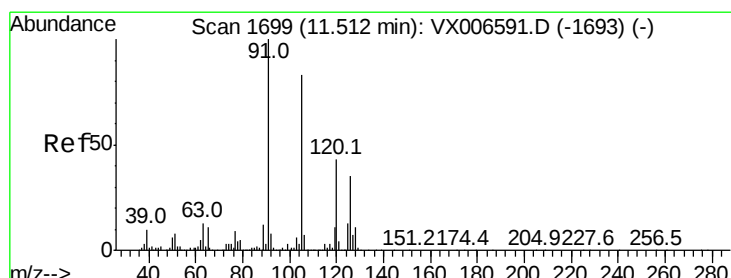
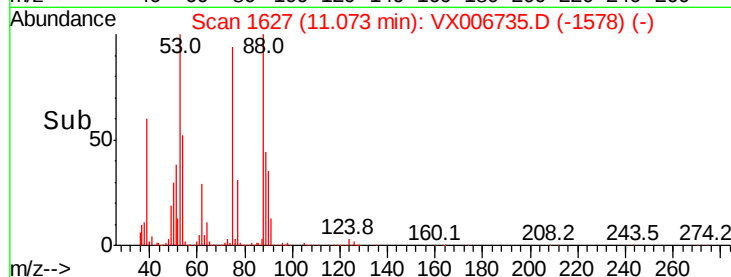
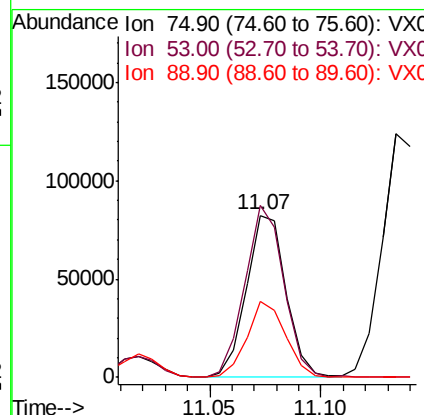
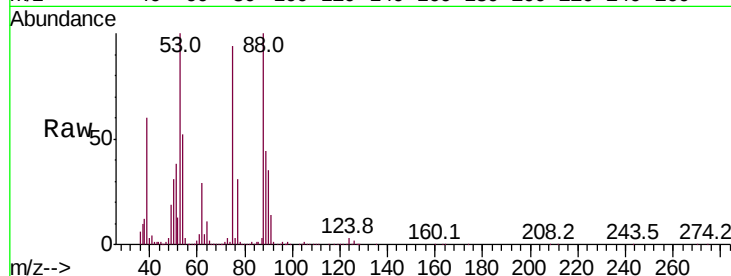
#81
trans-1,4-Dichloro-2-butene
Concen: 45.846 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.1	79.7	119.5
89	46.0	38.0	57.0

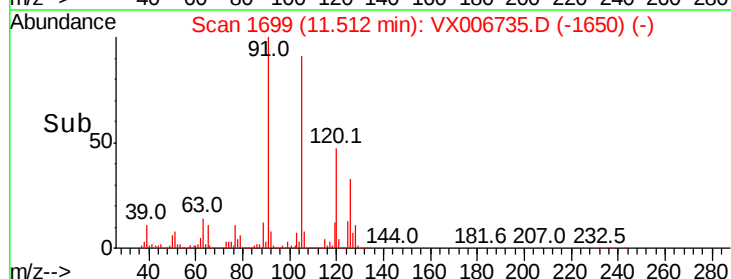
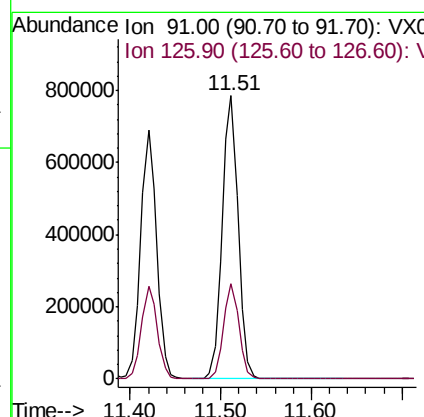
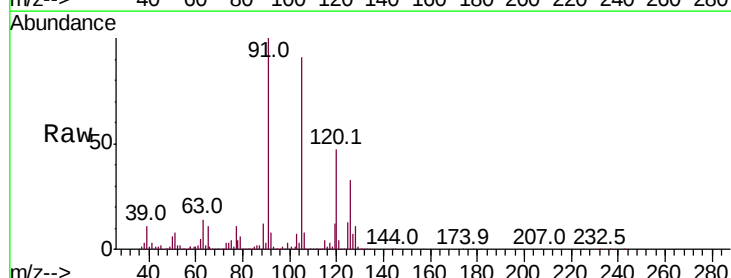
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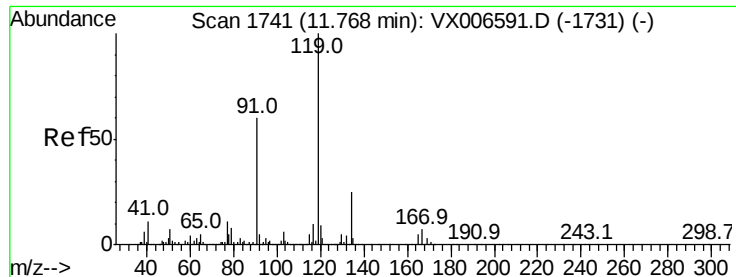
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12/22/2018 11:21:13 AM



#82
4-Chlorotoluene
Concen: 50.147 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 52.725 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

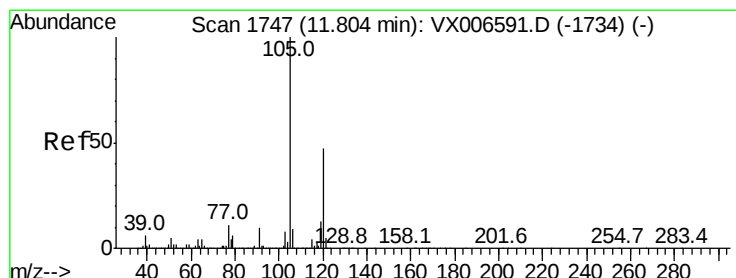
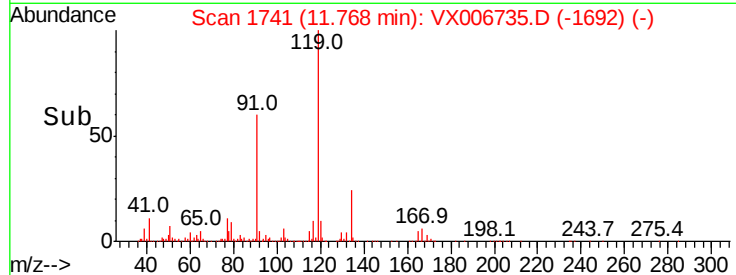
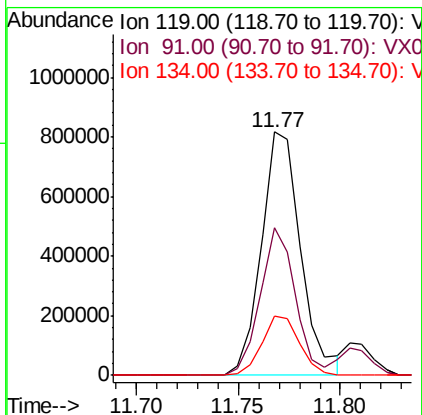
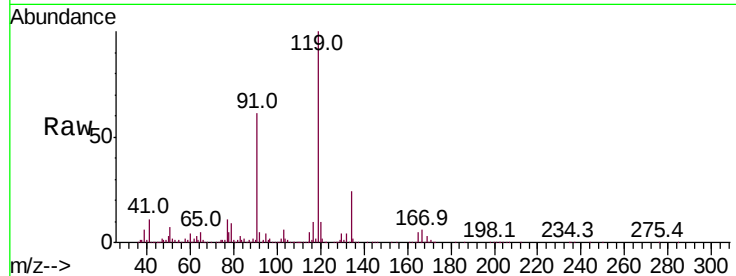
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1097664
Ion Ratio	Lower	Upper	
119	100		
91	54.1	27.7	83.1
134	23.4	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 49.934 ug/l

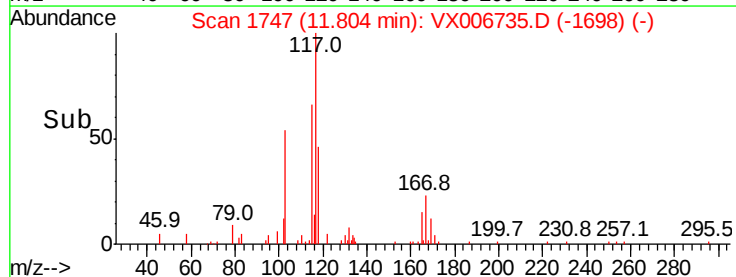
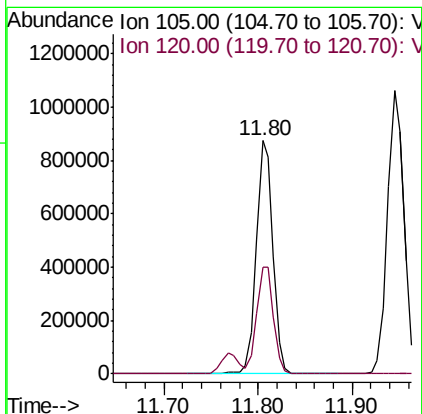
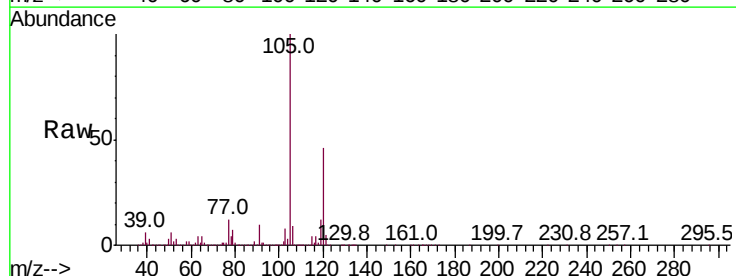
RT: 11.80 min Scan# 1747

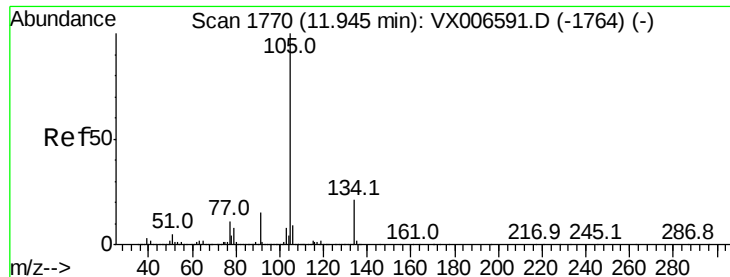
Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Tgt Ion:	105	Resp:	1092530
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 50.609 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1291792

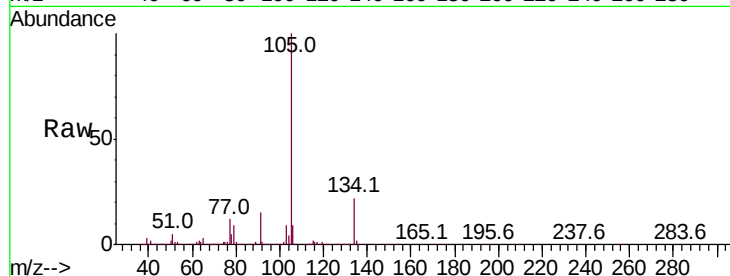
Ion Ratio Lower Upper

105 100

134 21.5 10.7 31.9

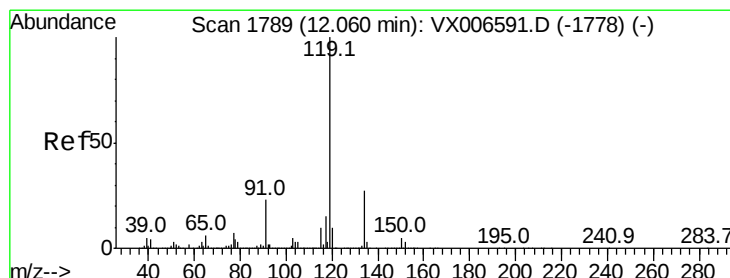
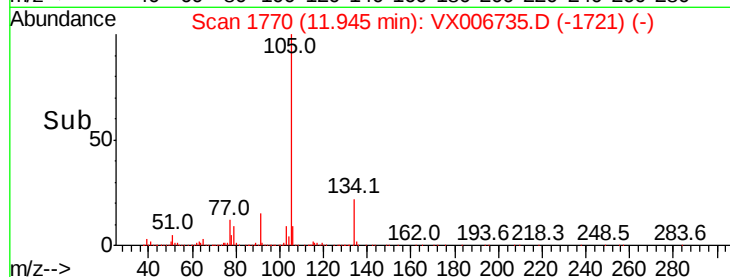
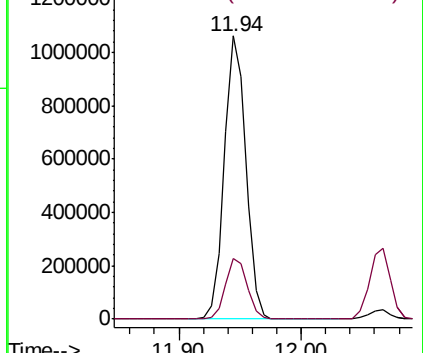
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.442 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006735.D

Acq: 21 Dec 2018 20:24

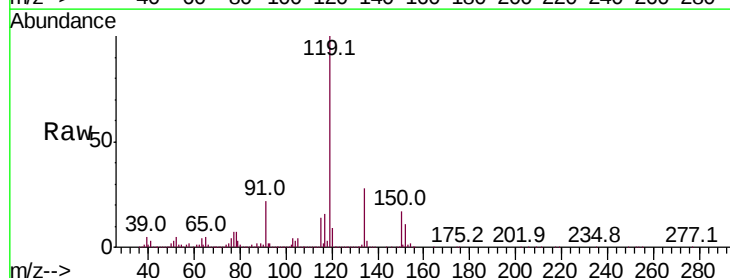
Tgt Ion:119 Resp: 1154226

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

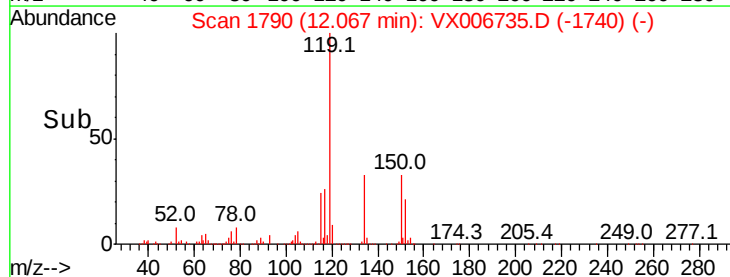
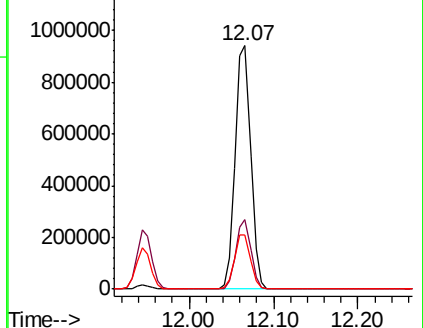
91 22.6 11.3 33.9

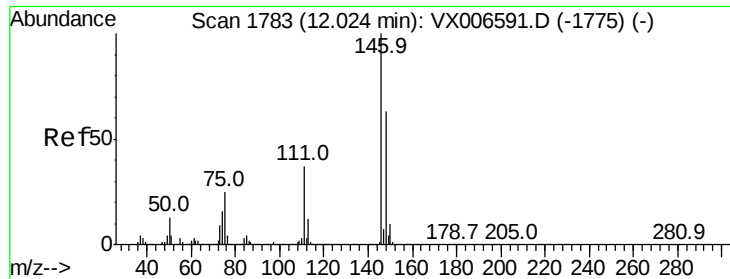


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





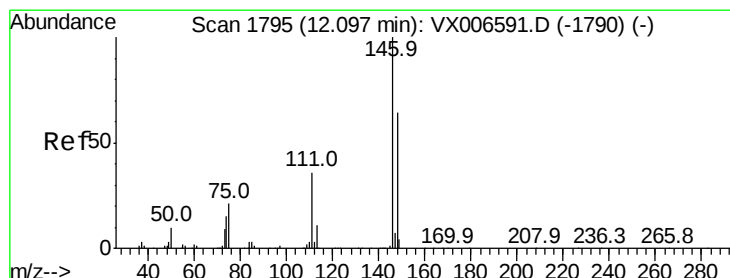
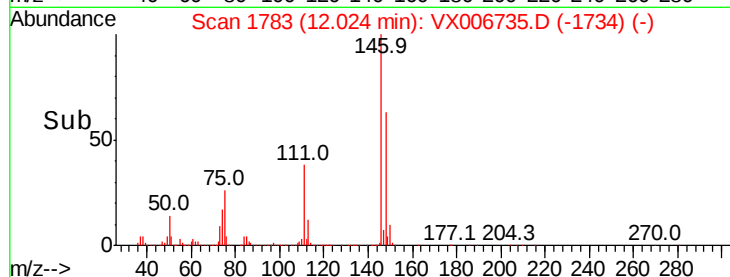
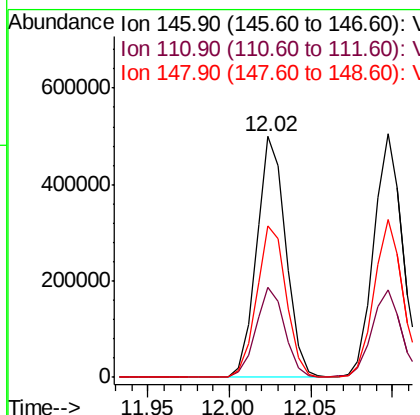
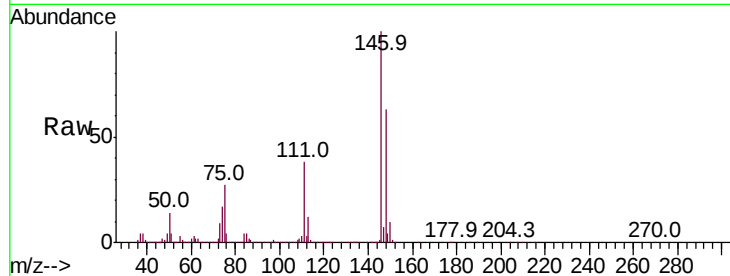
#87
 1,3-Dichlorobenzene
 Concen: 50.243 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006735.D
 Acq: 21 Dec 2018 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.9	31.8	95.3

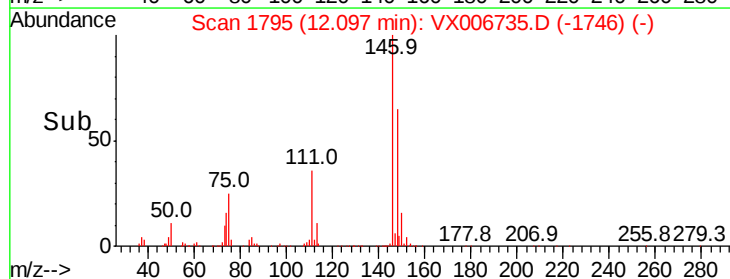
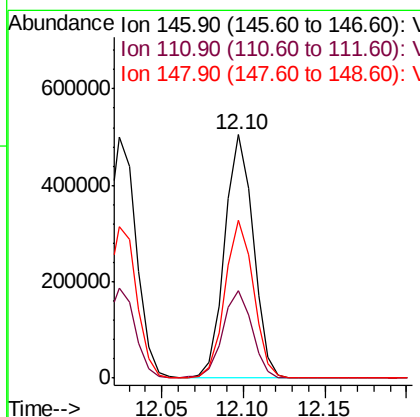
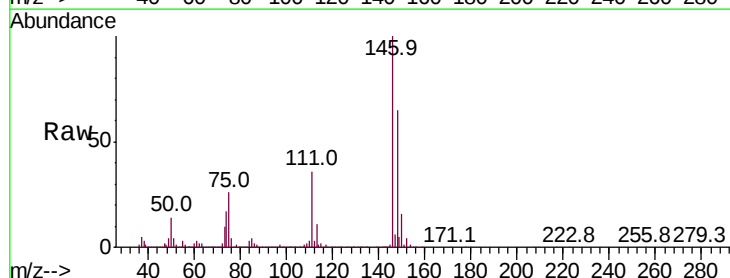
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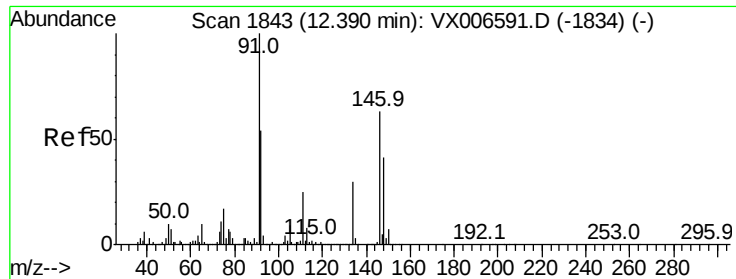
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#88
 1,4-Dichlorobenzene
 Concen: 48.842 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006735.D
 Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.7	31.9	95.9





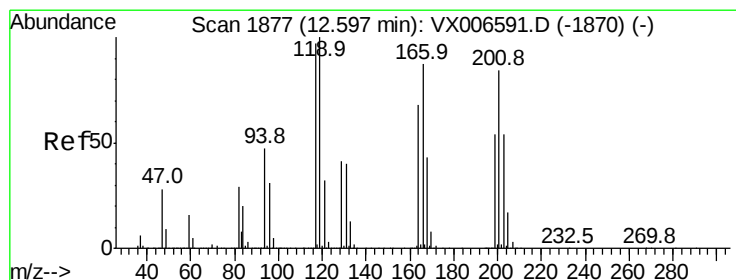
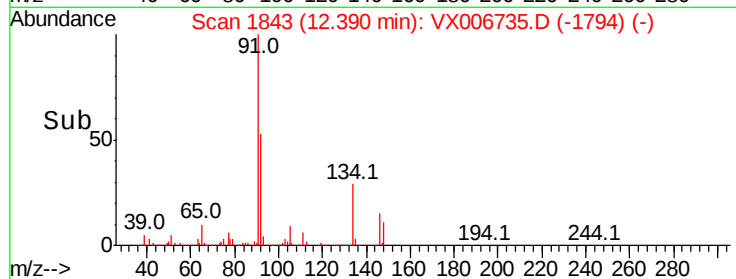
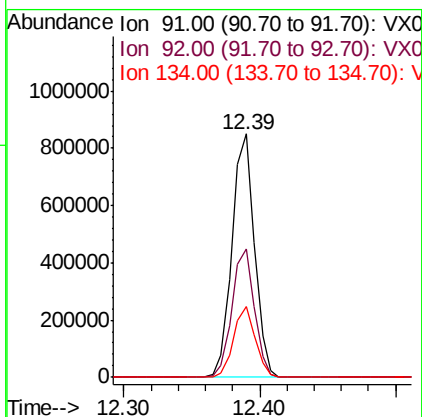
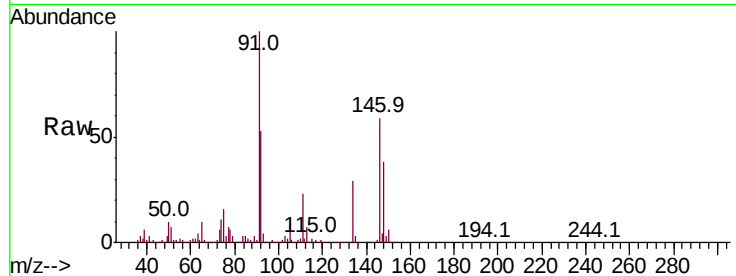
#89
n-Butylbenzene
Concen: 51.076 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	26.8	80.4	
134	28.3	14.4	43.2	

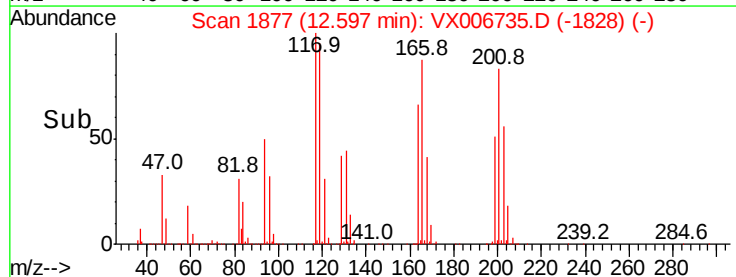
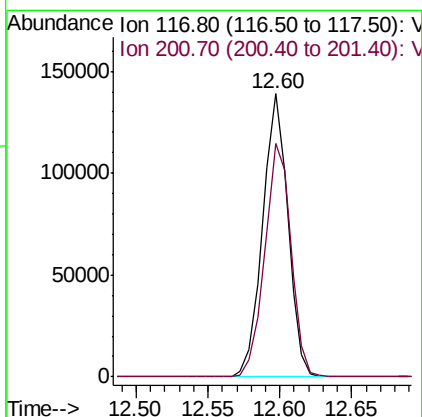
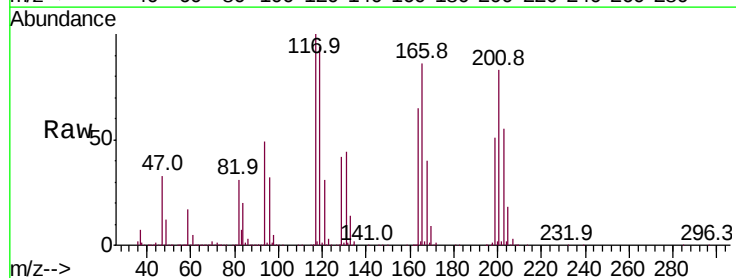
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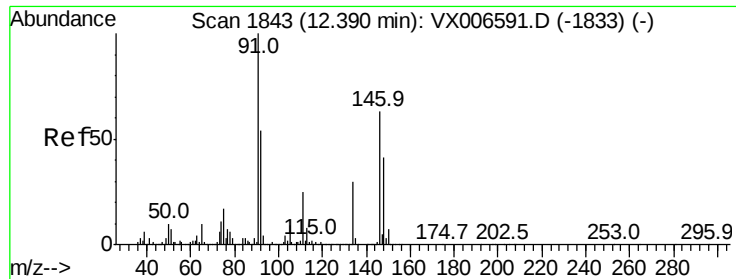
MMDadoda
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#90
Hexachloroethane
Concen: 48.000 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.5	42.9	128.7	





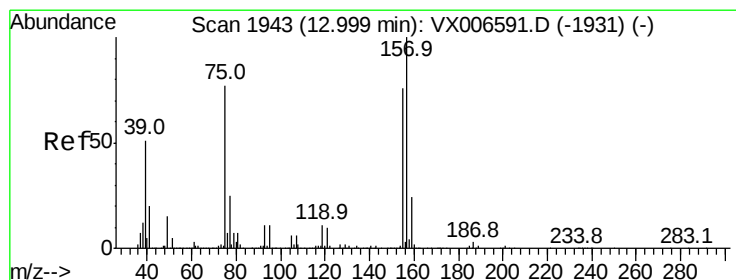
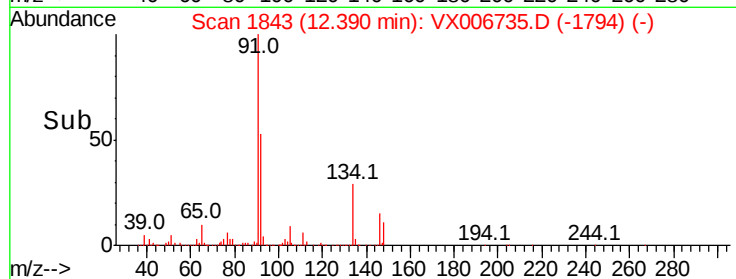
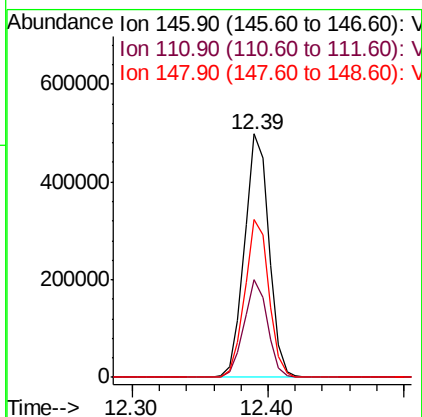
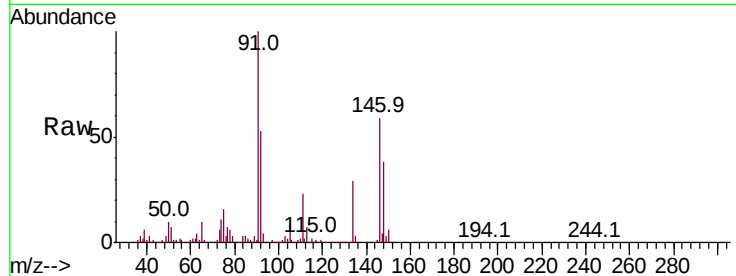
#91
 1,2-Dichlorobenzene
 Concen: 50.880 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006735.D
 Acq: 21 Dec 2018 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	626298		
111	38.5	19.4	58.2	
148	63.9	32.3	96.9	

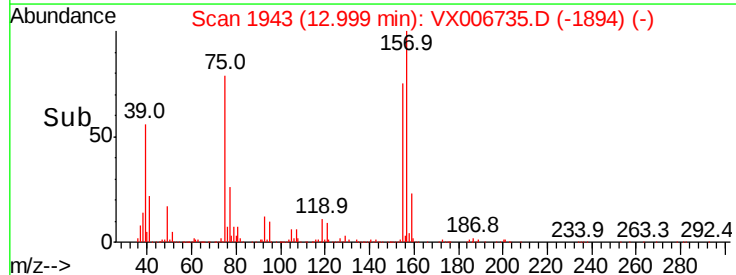
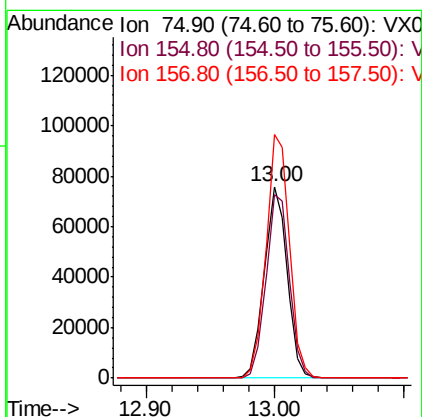
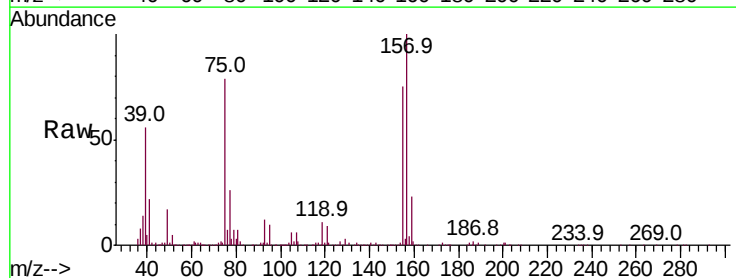
Manual Integrations
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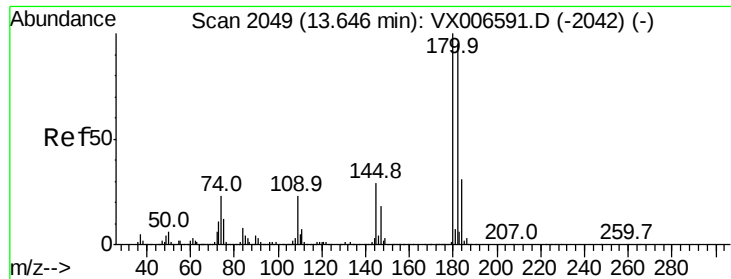
MMDadoda
 12/22/2018 11:21:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.861 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006735.D
 Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93028		
155	99.3	50.6	151.8	
157	130.8	64.6	193.8	





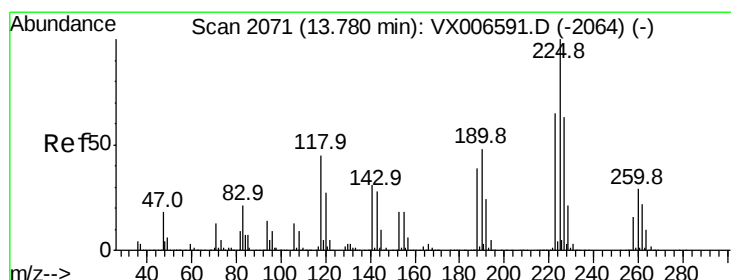
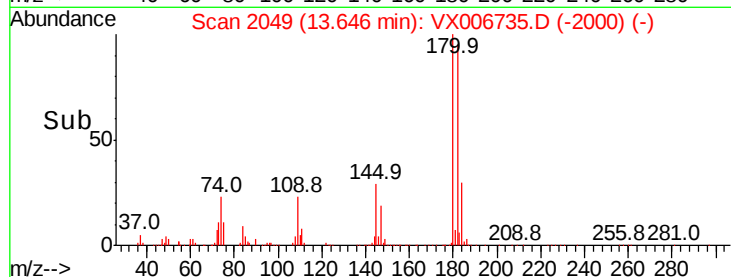
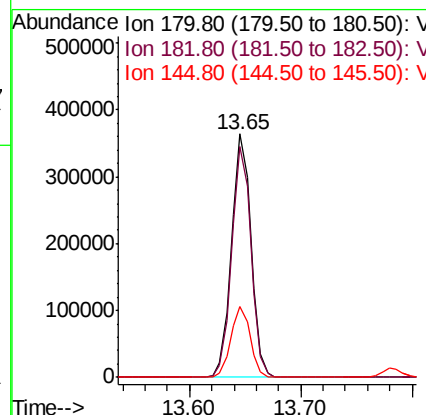
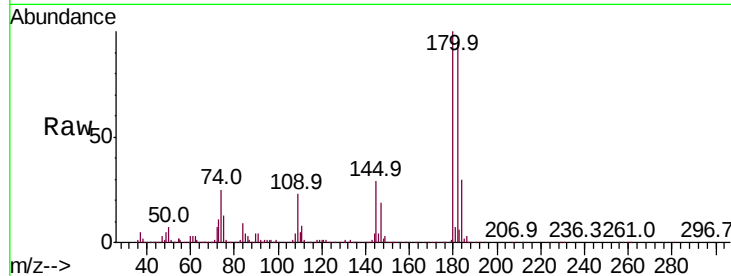
#93
 1,2,4-Trichlorobenzene
 Concen: 51.837 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006735.D
 Acq: 21 Dec 2018 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	47.3	142.0	
145	28.8	14.8	44.3	

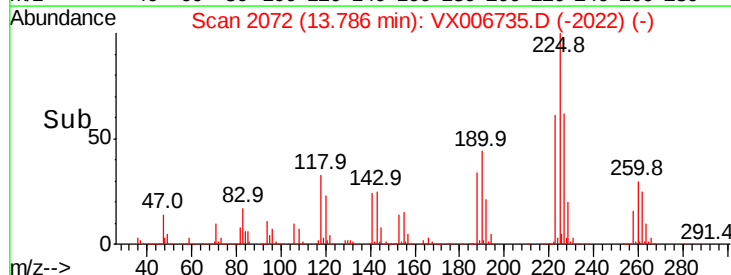
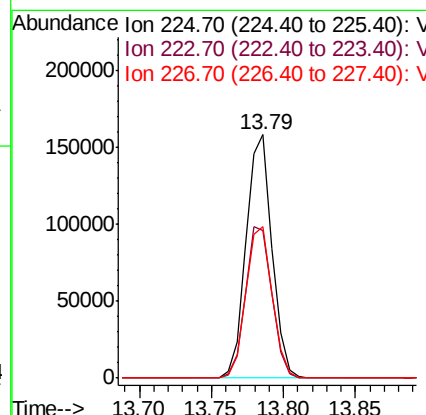
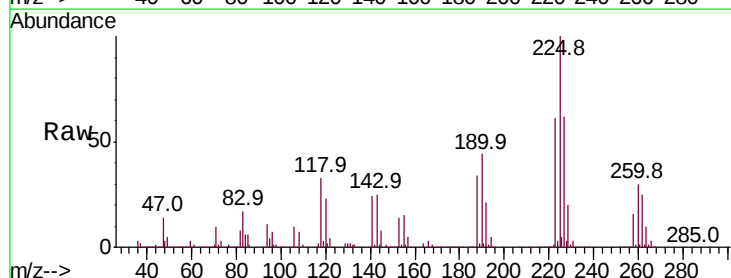
Manual Integrations
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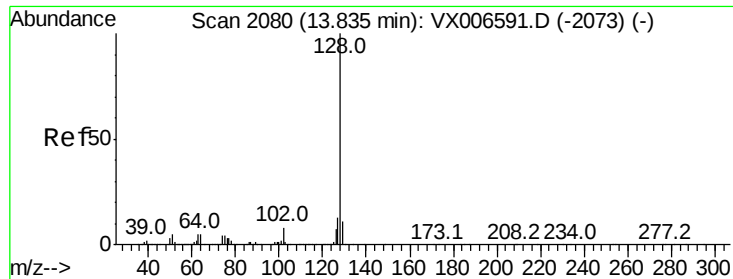
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#94
 Hexachlorobutadiene
 Concen: 48.920 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006735.D
 Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	32.1	96.3	
227	63.3	32.3	96.8	





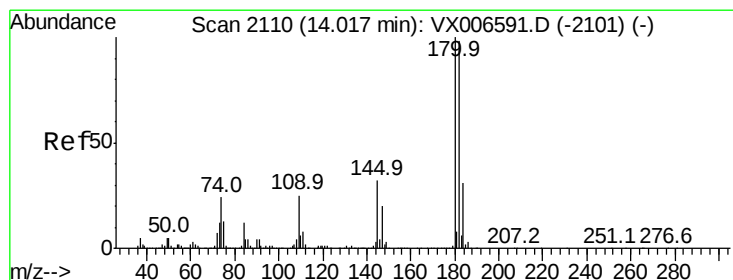
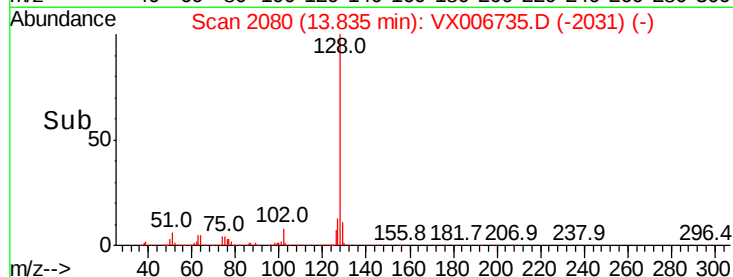
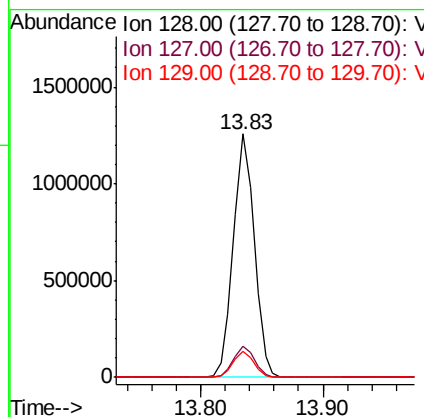
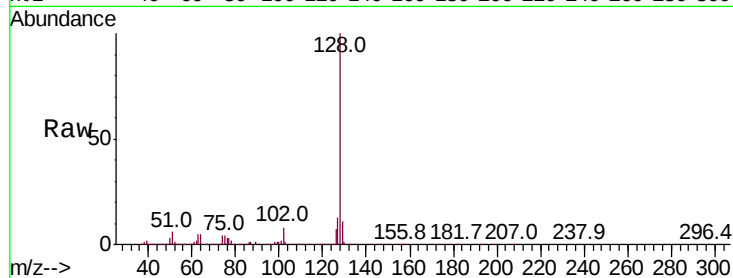
#95
Naphthalene
Concen: 54.808 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.957 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006735.D
Acq: 21 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.5	145.5
145	31.4	16.0	47.9

