

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013714.D
 Acq On : 29 Nov 2019 20:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 29 22:32:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	662801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1033870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	930447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	472833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	359883	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	301088	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	8.71	98	1161777	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.13	95	413334	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	358906	48.650	ug/l	97
3) Chloromethane	1.32	50	390888	47.221	ug/l	100
4) Vinyl Chloride	1.40	62	470268	50.474	ug/l	100
5) Bromomethane	1.63	94	225855	36.096	ug/l	98
6) Chloroethane	1.71	64	254818	48.063	ug/l	98
7) Trichlorofluoromethane	1.92	101	496265	47.969	ug/l	99
8) Diethyl Ether	2.18	74	230974	49.348	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	298749	47.276	ug/l	99
10) Methyl Iodide	2.50	142	307874	40.276	ug/l	99
11) Tert butyl alcohol	3.03	59	380475	200.352	ug/l	97
12) 1,1-Dichloroethene	2.36	96	305224	48.389	ug/l	98
13) Acrolein	2.28	56	251967	199.635	ug/l	100
14) Allyl chloride	2.72	41	544158	47.538	ug/l	99
15) Acrylonitrile	3.13	53	926941	236.468	ug/l	99
16) Acetone	2.43	43	1002193	263.843	ug/l	100
17) Carbon Disulfide	2.56	76	805440	44.793	ug/l	100
18) Methyl Acetate	2.76	43	537374	50.805	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1030721	49.326	ug/l	98
20) Methylene Chloride	2.85	84	348345	47.735	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	325630	47.388	ug/l	97
22) Diisopropyl ether	3.84	45	1095858	49.718	ug/l	98
23) Vinyl Acetate	3.80	43	3861796	210.612	ug/l	100
24) 1,1-Dichloroethane	3.69	63	596588	49.513	ug/l	99
25) 2-Butanone	4.65	43	1389836	246.198	ug/l	100
26) 2,2-Dichloropropane	4.57	77	424820	42.613	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383977	48.659	ug/l	98
28) Bromochloromethane	5.00	49	254543	53.458	ug/l	100
29) Tetrahydrofuran	5.11	42	833869	239.611	ug/l	99
30) Chloroform	5.20	83	581848	47.615	ug/l	95
31) Cyclohexane	5.58	56	534571	47.037	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	500330	48.996	ug/l	99
36) 1,1-Dichloropropene	5.79	75	439031	46.780	ug/l	99
37) Ethyl Acetate	4.82	43	501092	47.594	ug/l	100
38) Carbon Tetrachloride	5.78	117	423002	48.881	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	540090	46.557	ug/l	98
40) Benzene	6.14	78	1373189	48.041	ug/l	99
41) Methacrylonitrile	5.03	41	286152	49.559	ug/l	99
42) 1,2-Dichloroethane	6.18	62	477439	48.977	ug/l	99
43) Isopropyl Acetate	6.43	43	828077	47.774	ug/l	99
44) Trichloroethene	7.21	130	371400	47.344	ug/l	100
45) 1,2-Dichloropropane	7.51	63	351360	49.131	ug/l	100
46) Dibromomethane	7.65	93	228613	47.068	ug/l	99
47) Bromodichloromethane	7.89	83	454514	49.499	ug/l	99
48) Methyl methacrylate	7.76	41	411756	48.892	ug/l	99
49) 1,4-Dioxane	7.73	88	157456	835.257	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2591998	237.733	ug/l	100
52) Toluene	8.78	92	864634	48.692	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	495165	47.377	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	556602	48.745	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	349189	48.798	ug/l	98
56) Ethyl methacrylate	9.17	69	568644	49.427	ug/l	99
57) 1,3-Dichloropropane	9.37	76	587794	47.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1082921	240.078	ug/l	100
59) 2-Hexanone	9.49	43	2024517	238.080	ug/l	99
60) Dibromochloromethane	9.57	129	364343	49.062	ug/l	99
61) 1,2-Dibromoethane	9.67	107	367877	48.134	ug/l	99
64) Tetrachloroethene	9.33	164	472905	68.155	ug/l	98
65) Chlorobenzene	10.14	112	921874	47.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	339345	48.919	ug/l	99
67) Ethyl Benzene	10.25	91	1633708	49.214	ug/l	99
68) m/p-Xylenes	10.36	106	1241693	97.700	ug/l	100
69) o-Xylene	10.70	106	605471	48.847	ug/l	99
70) Styrene	10.71	104	1034117	49.596	ug/l	99
71) Bromoform	10.85	173	285375	49.719	ug/l #	100
73) Isopropylbenzene	11.01	105	1594995	48.089	ug/l	99
74) N-amyl acetate	10.89	43	733295	48.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	531724	46.228	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	618165	58.126	ug/l	87
77) Bromobenzene	11.25	156	419757	46.846	ug/l	98
78) n-propylbenzene	11.35	91	1798276	48.569	ug/l	100
79) 2-Chlorotoluene	11.42	91	1062100	47.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1326271	48.789	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	173258	44.571	ug/l	99
82) 4-Chlorotoluene	11.51	91	1223907	47.578	ug/l	99
83) tert-Butylbenzene	11.76	119	1197359	43.341	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1343396	48.694	ug/l	100
85) sec-Butylbenzene	11.94	105	1535388	48.657	ug/l	100
86) p-Isopropyltoluene	12.06	119	1417041	48.271	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	736941	47.182	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	723519	45.478	ug/l	99
89) n-Butylbenzene	12.39	91	1201265	47.978	ug/l	99
90) Hexachloroethane	12.59	117	248908	46.909	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	733933	47.558	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119057	47.532	ug/l	99

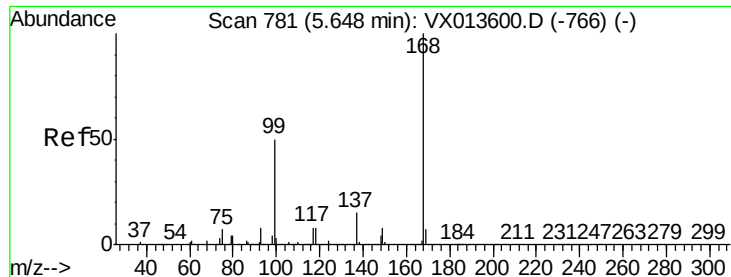
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	498236	46.325	ug/l	99
94) Hexachlorobutadiene	13.78	225	230063	44.529	ug/l	99
95) Naphthalene	13.83	128	1591665	49.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	509463	47.841	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

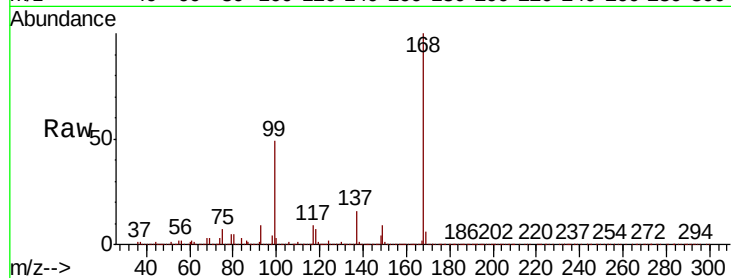
VSTDCCC050EC

Tot Ion:168 Resp: 662801

Ion Ratio Lower Upper

168 100

99 49.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

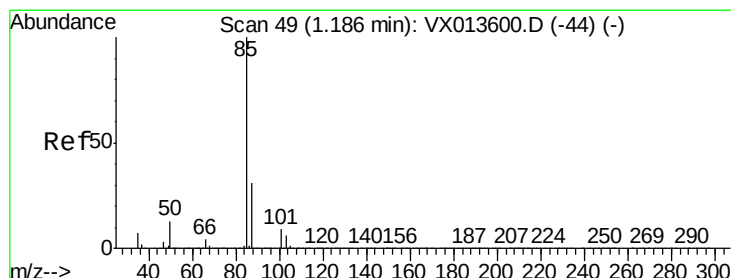
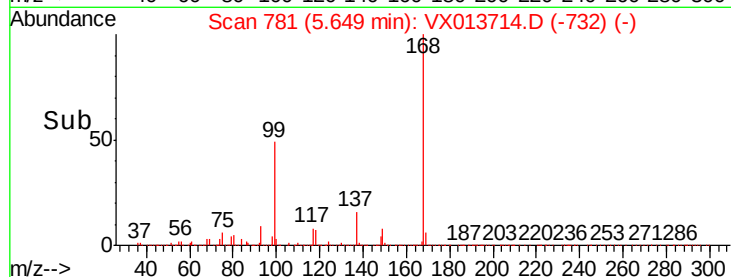
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.650 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013714.D

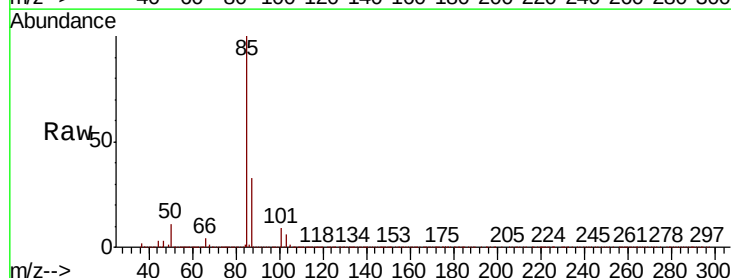
Acq: 29 Nov 2019 20:16

Tgt Ion: 85 Resp: 358906

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

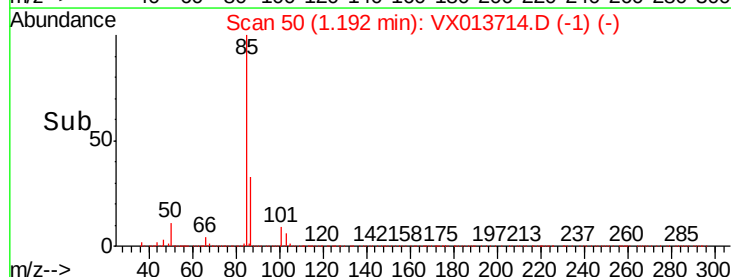
300000

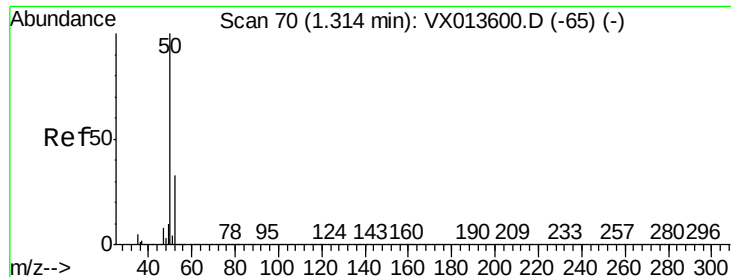
200000

100000

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Time-->





#3

Chloromethane

Concen: 47.221 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

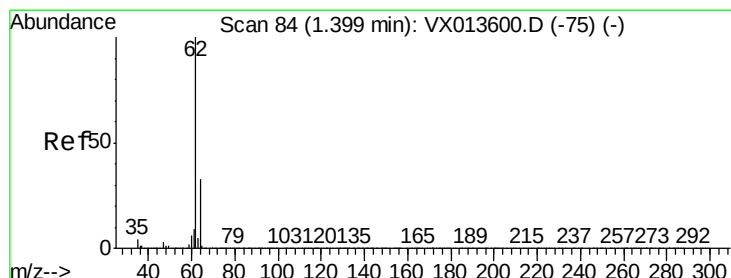
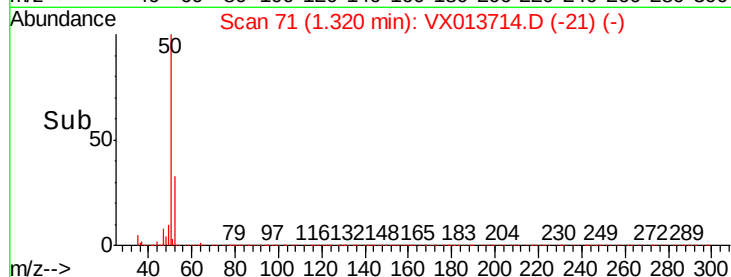
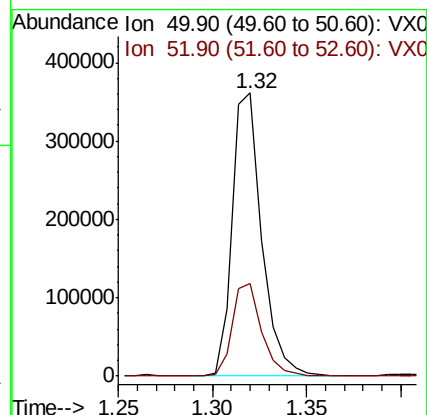
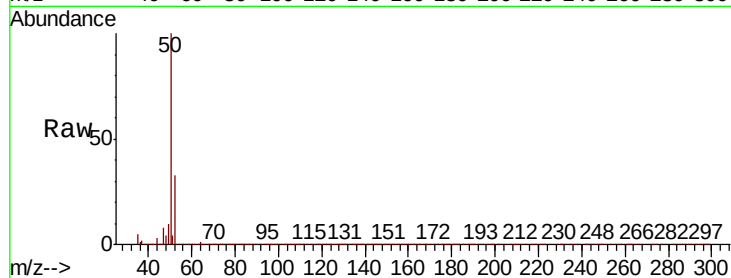
VSTDCCC050EC

Tot Ion: 50 Resp: 390888

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 50.474 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013714.D

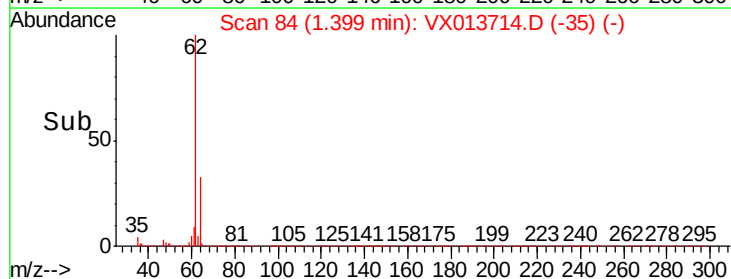
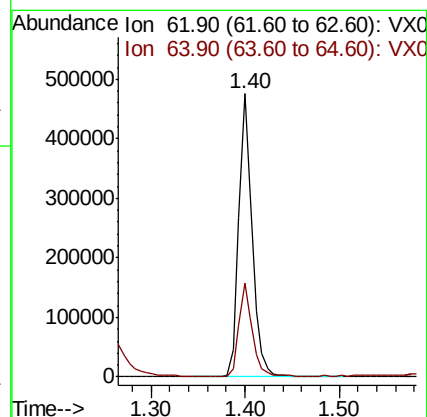
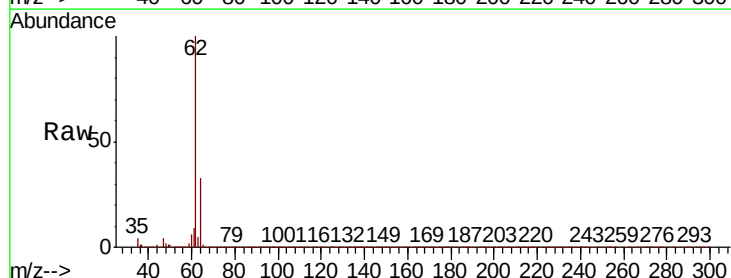
Acq: 29 Nov 2019 20:16

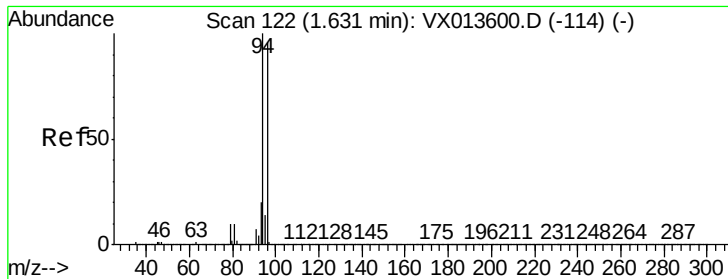
Tgt Ion: 62 Resp: 470268

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 36.096 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

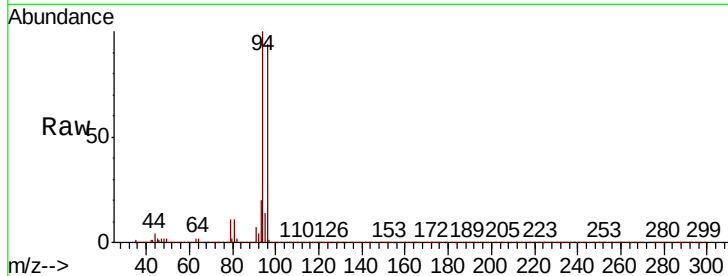
VSTDCCC050EC

Tot Ion: 94 Resp: 225855

Ion Ratio Lower Upper

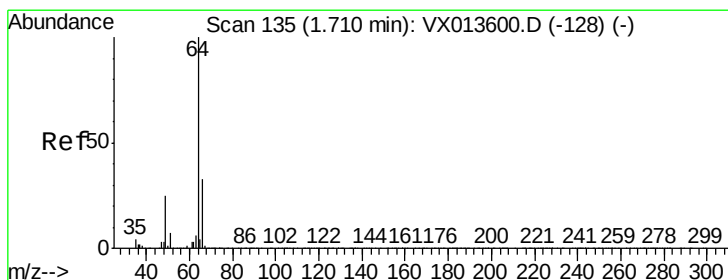
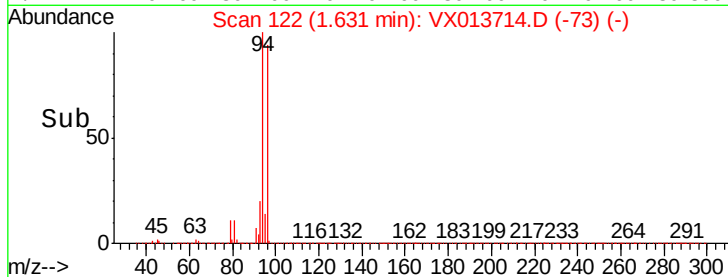
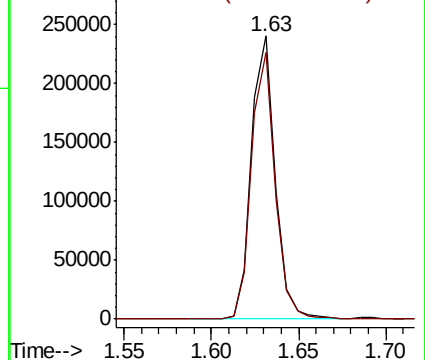
94 100

96 94.0 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.063 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013714.D

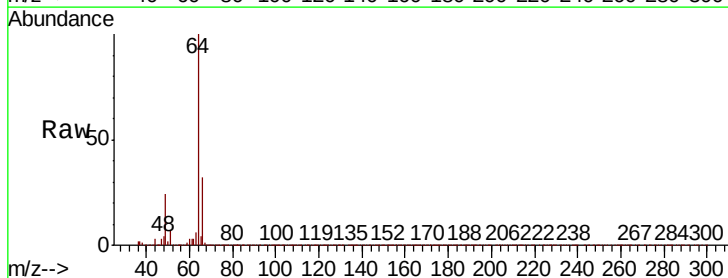
Acq: 29 Nov 2019 20:16

Tgt Ion: 64 Resp: 254818

Ion Ratio Lower Upper

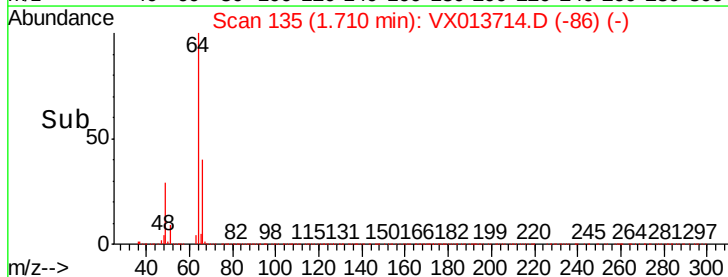
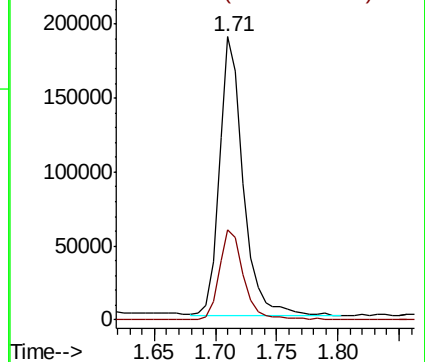
64 100

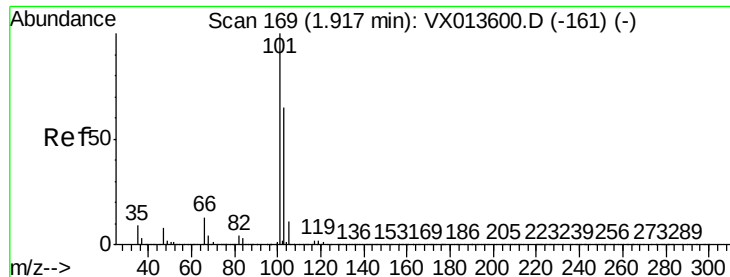
66 32.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



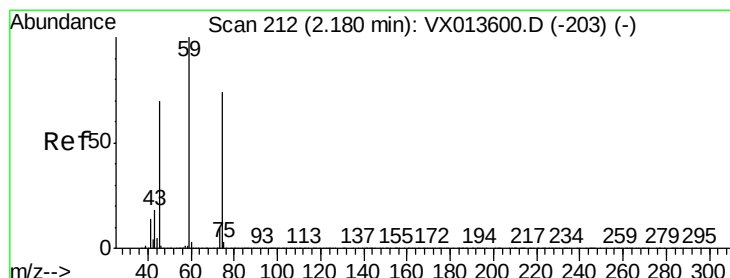
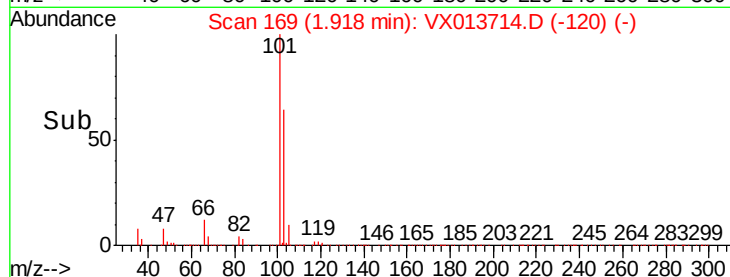
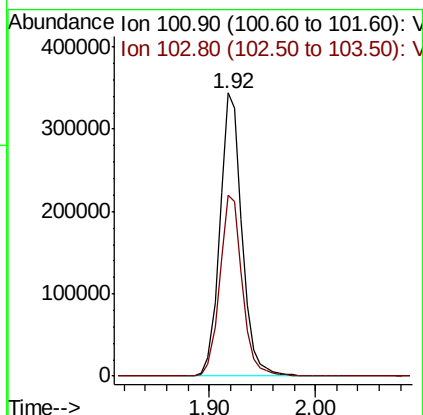
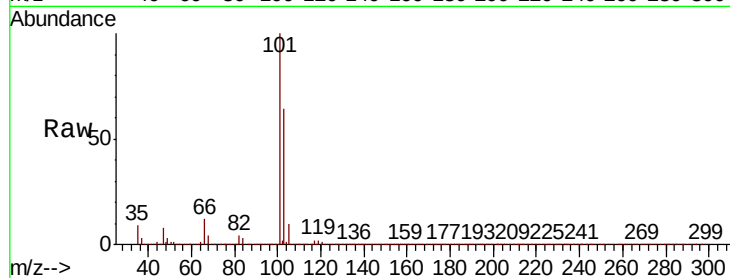


#7

Trichlorofluoromethane
Concen: 47.969 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
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VSTDCCC050EC

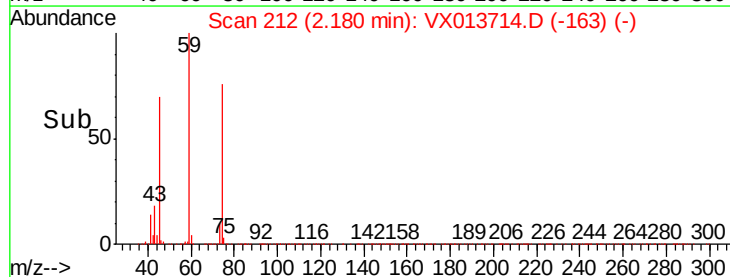
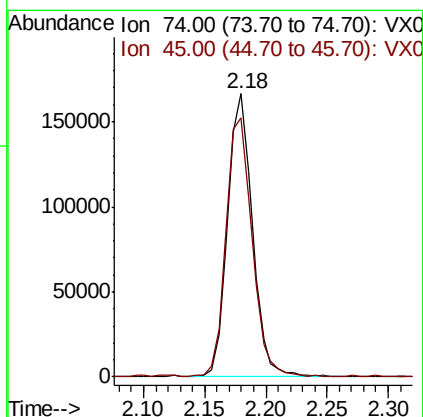
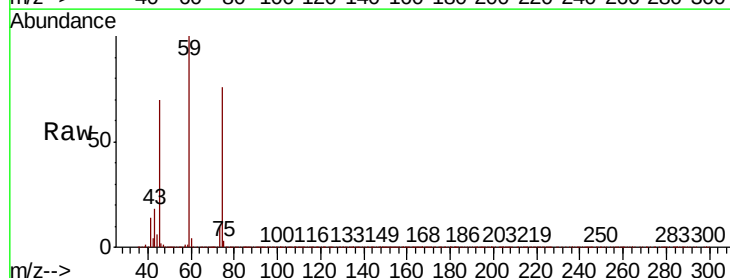
Tot Ion:101 Resp: 496265
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

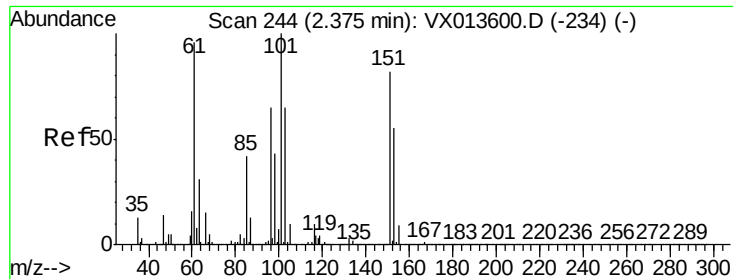


#8

Diethyl Ether
Concen: 49.348 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 74 Resp: 230974
Ion Ratio Lower Upper
74 100
45 96.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.276 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

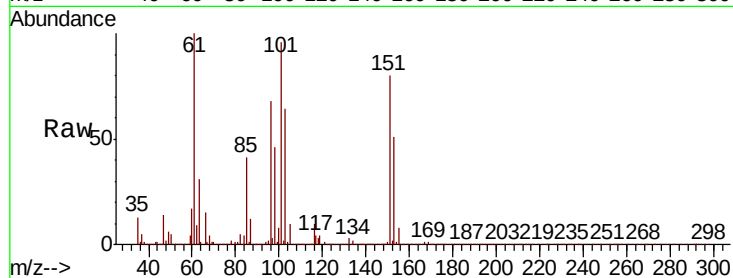
Tot Ion:101 Resp: 298749

Ion Ratio Lower Upper

101 100

85 42.1 33.9 50.9

151 81.9 64.2 96.2

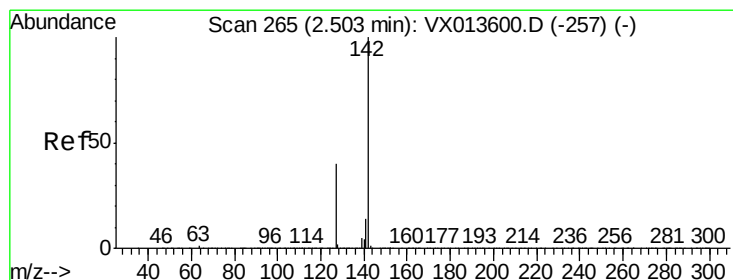
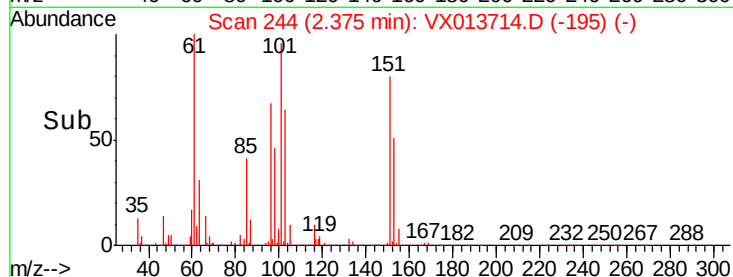
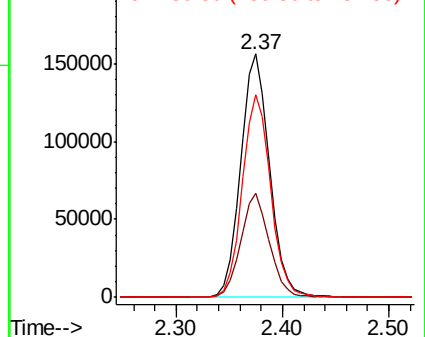


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.276 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

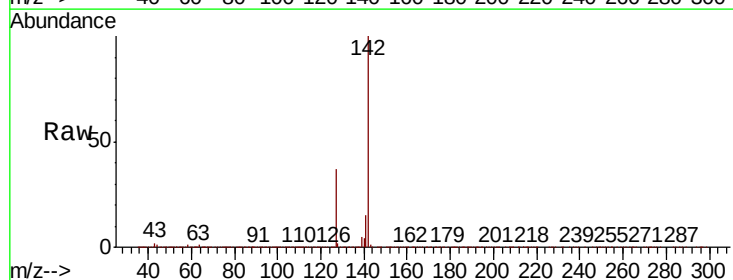
Tgt Ion:142 Resp: 307874

Ion Ratio Lower Upper

142 100

127 38.4 31.0 46.4

141 13.9 11.6 17.4

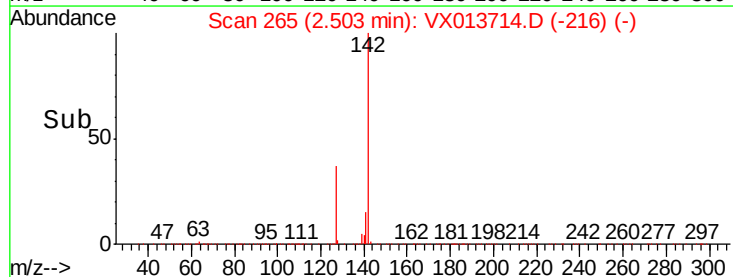
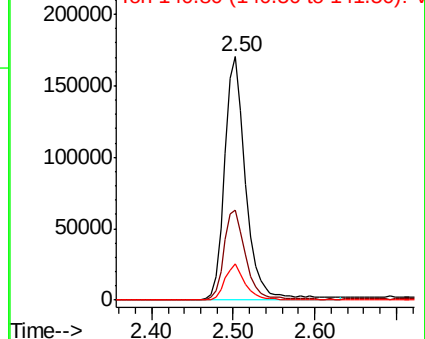


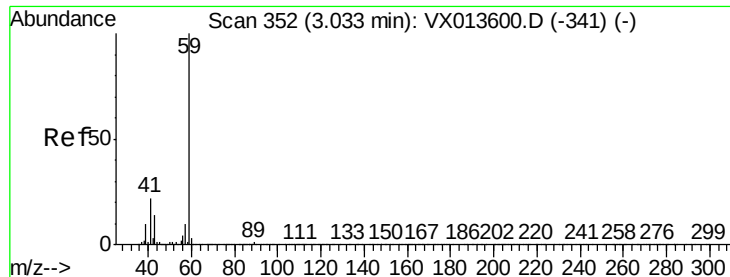
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



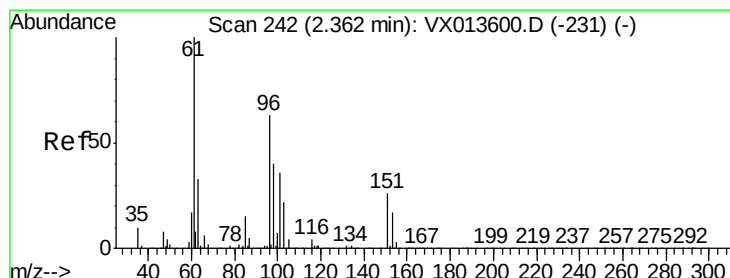
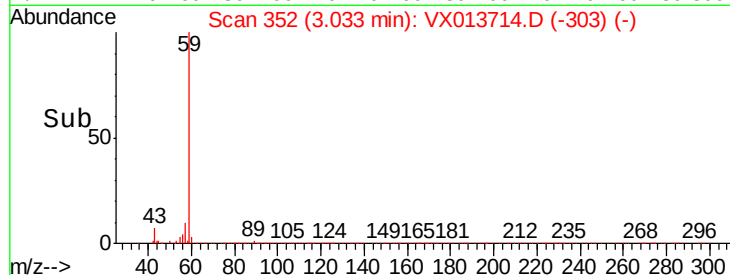
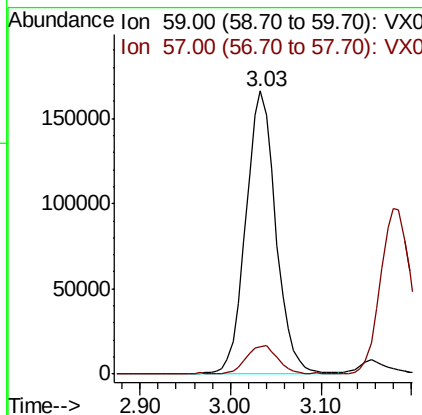
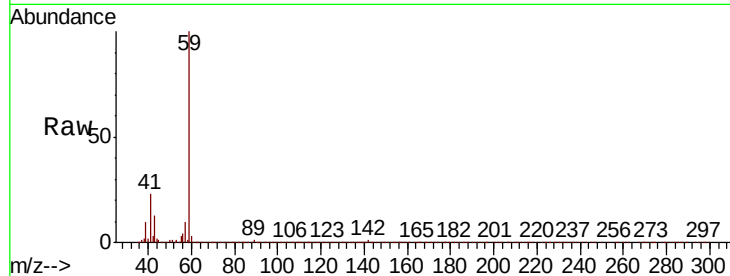


#11

Tert butyl alcohol
Concen: 200.352 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

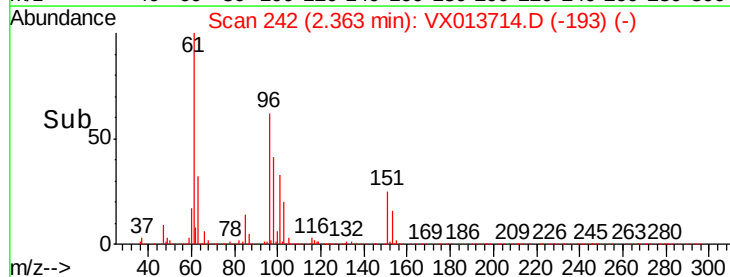
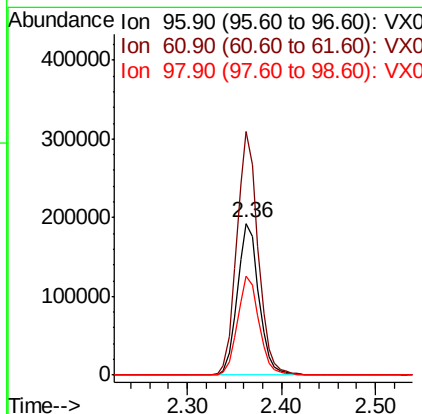
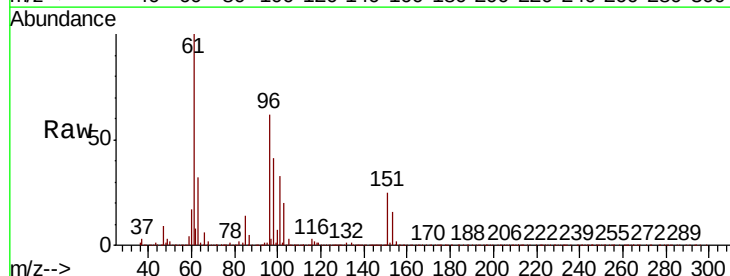
Tot Ion: 59 Resp: 380475
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.6

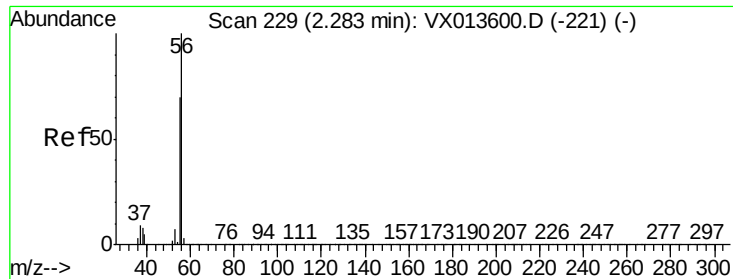


#12

1,1-Dichloroethene
Concen: 48.389 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 96 Resp: 305224
Ion Ratio Lower Upper
96 100
61 160.2 126.6 190.0
98 65.3 50.6 76.0

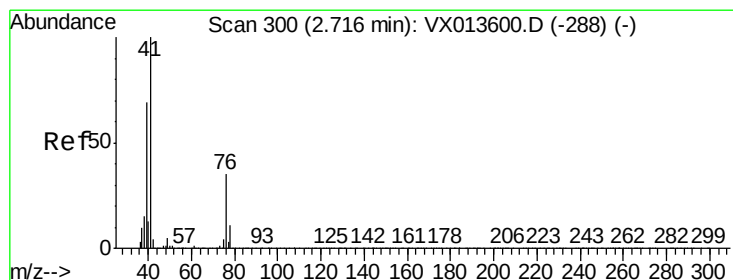
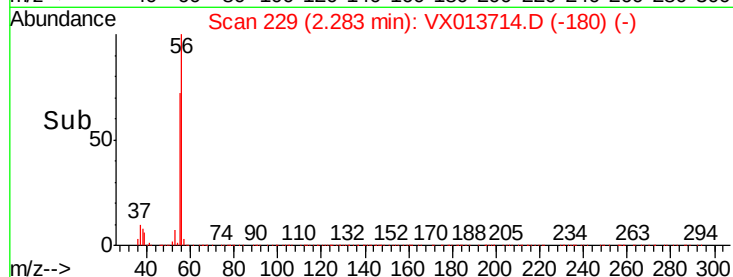
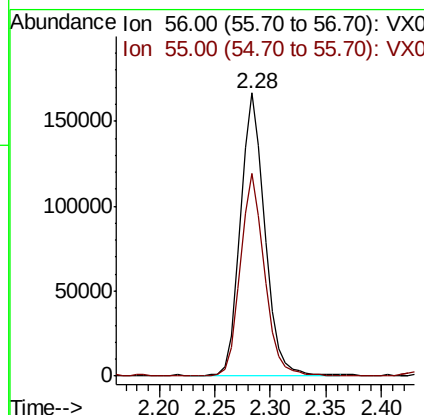
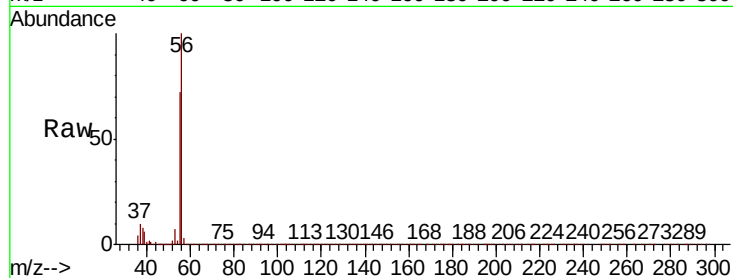




#13
Acrolein
Concen: 199.635 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

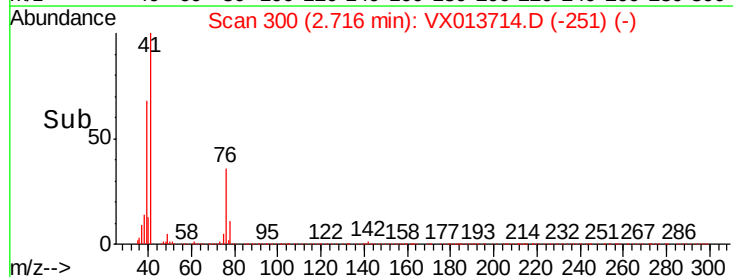
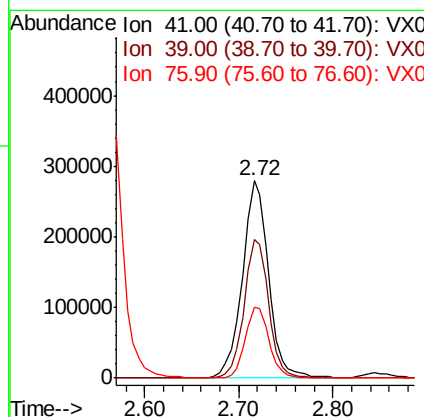
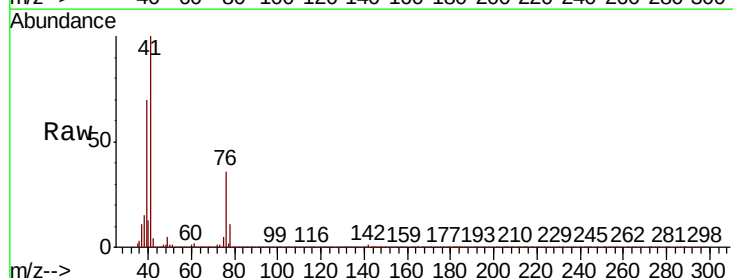
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

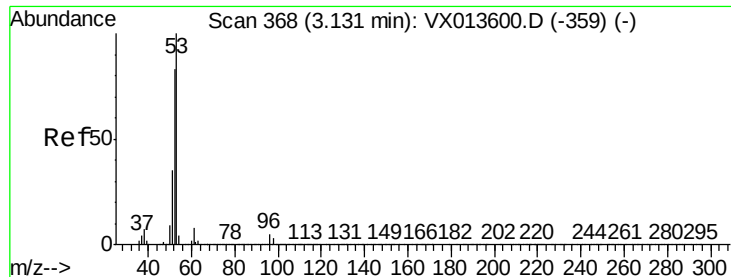
Tot Ion: 56 Resp: 251967
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 47.538 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 41 Resp: 544158
Ion Ratio Lower Upper
41 100
39 65.3 51.7 77.5
76 32.6 25.9 38.9



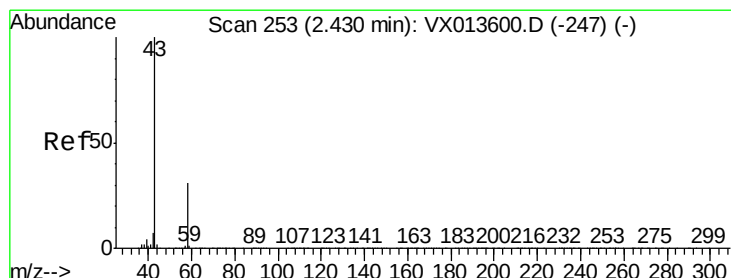
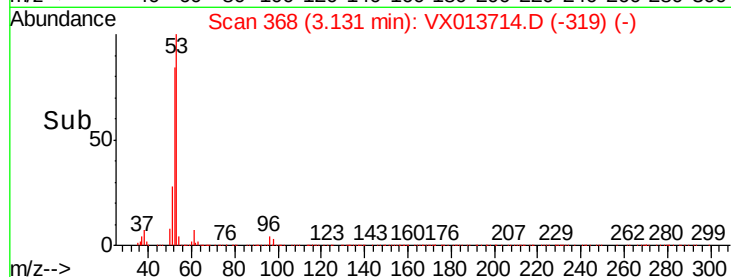
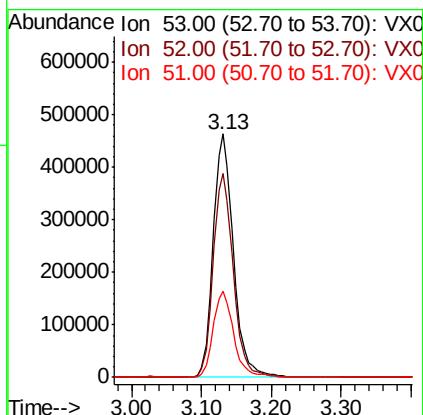
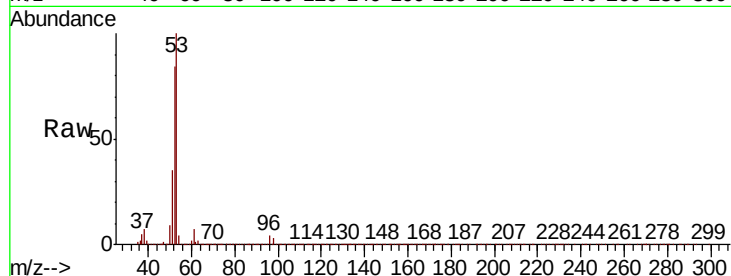


#15
 Acrylonitrile
 Concen: 236.468 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 926941

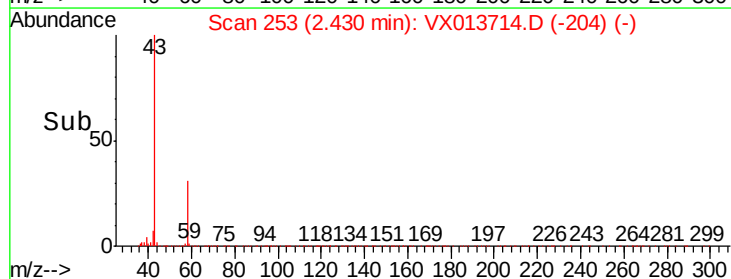
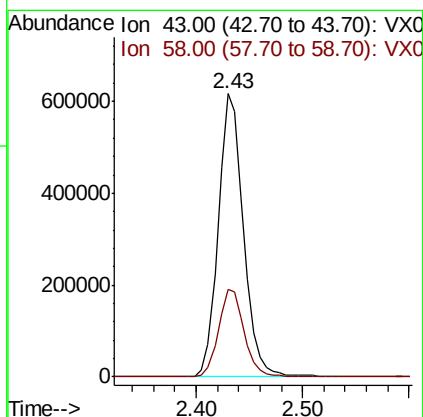
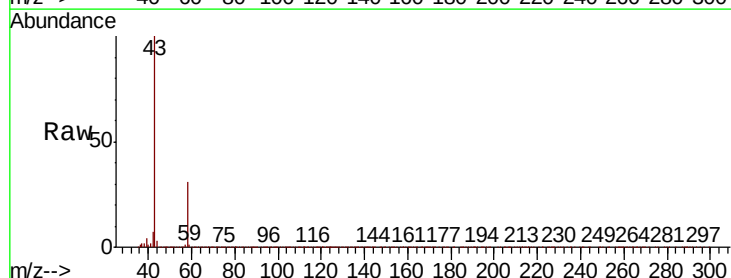
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	35.9	29.0	43.6

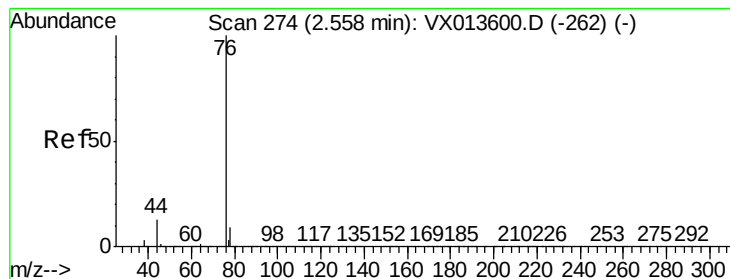


#16
 Acetone
 Concen: 263.843 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion: 43 Resp: 1002193

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.6	36.8





#17

Carbon Disulfide

Concen: 44.793 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

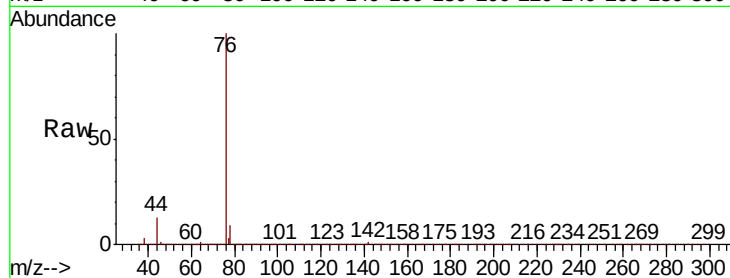
VSTDCCC050EC

Tot Ion: 76 Resp: 805440

Ion Ratio Lower Upper

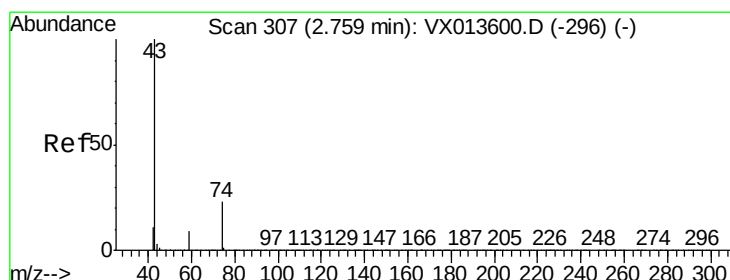
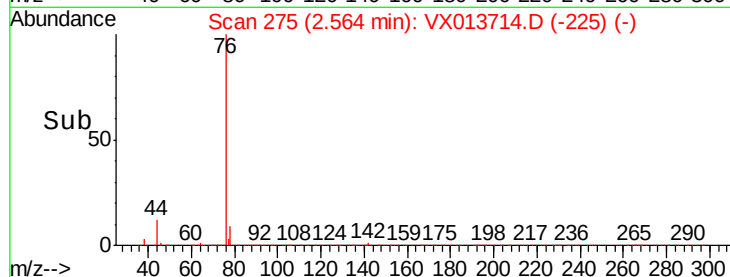
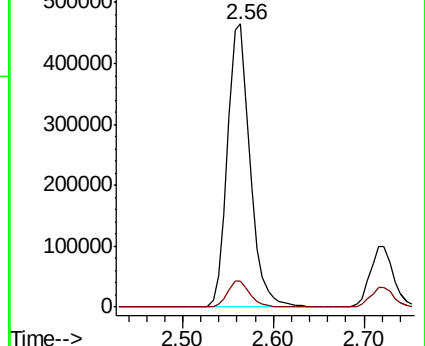
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.805 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013714.D

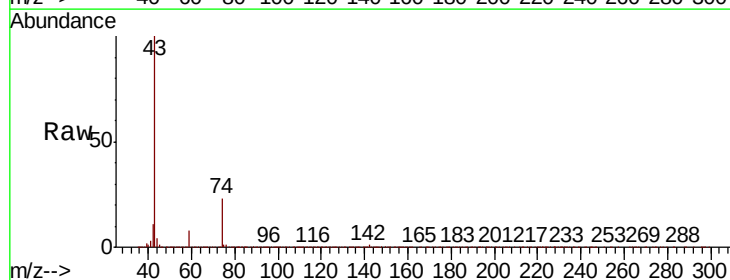
Acq: 29 Nov 2019 20:16

Tgt Ion: 43 Resp: 537374

Ion Ratio Lower Upper

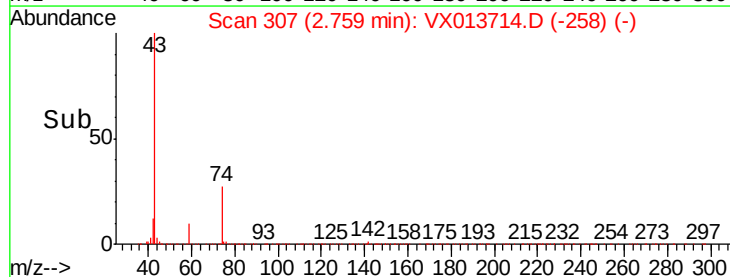
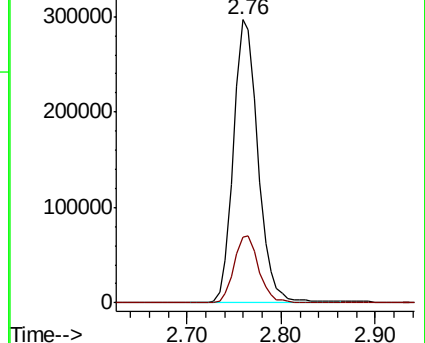
43 100

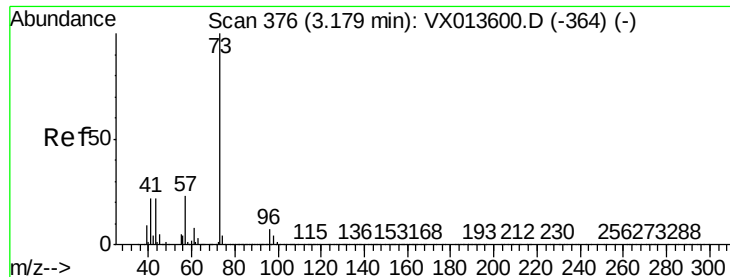
74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

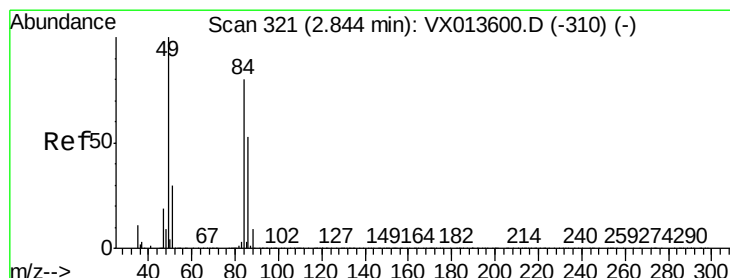
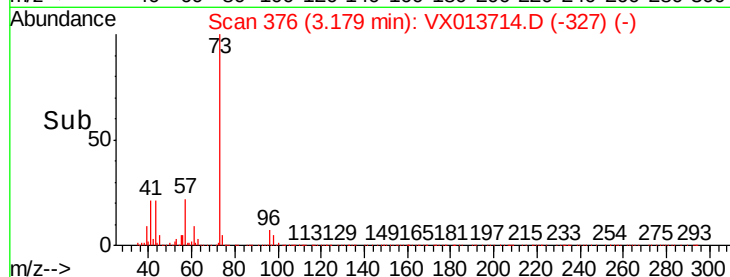
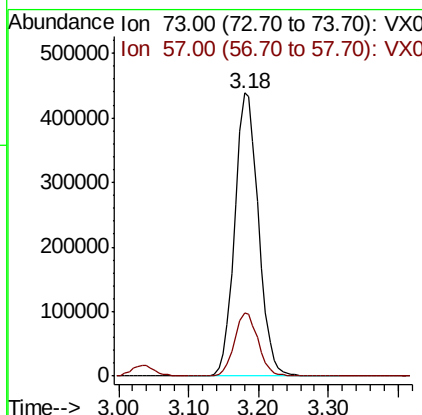
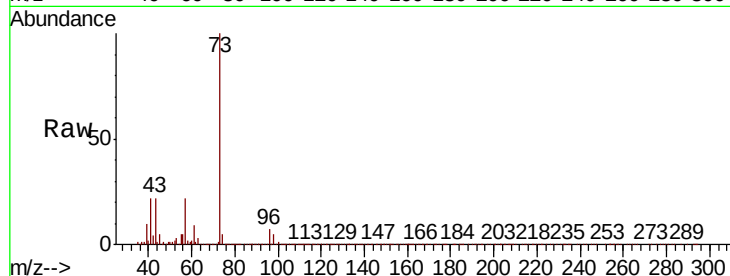




#19
Methyl tert-butyl Ether
Concen: 49.326 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

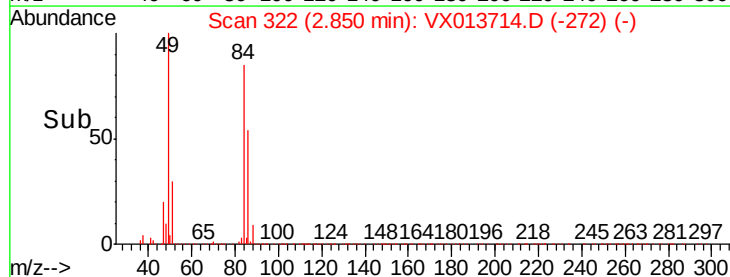
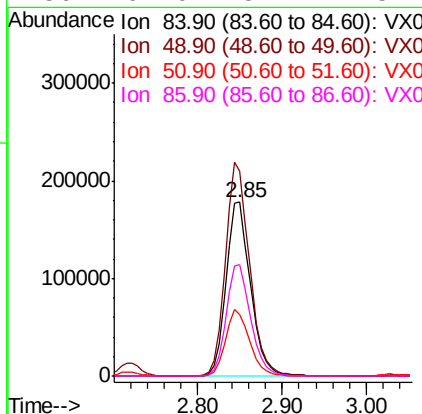
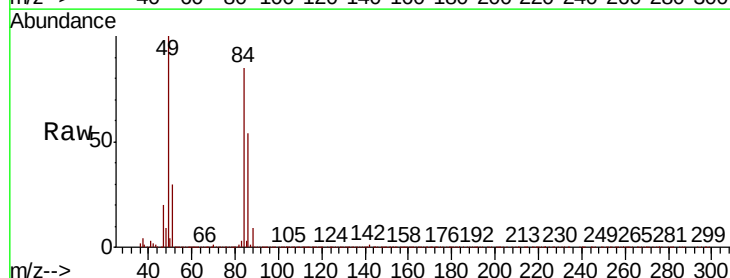
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

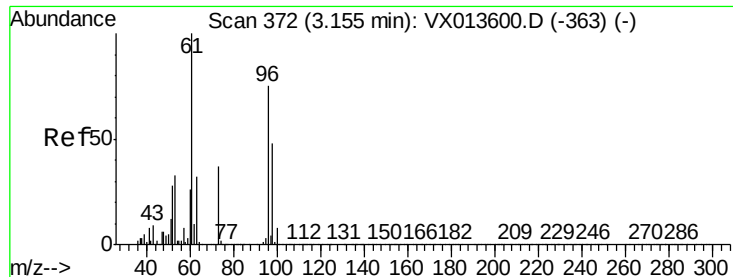
Tot Ion: 73 Resp: 1030721
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 47.735 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 84 Resp: 348345
Ion Ratio Lower Upper
84 100
49 117.9 99.7 149.5
51 35.4 29.9 44.9
86 64.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.388 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

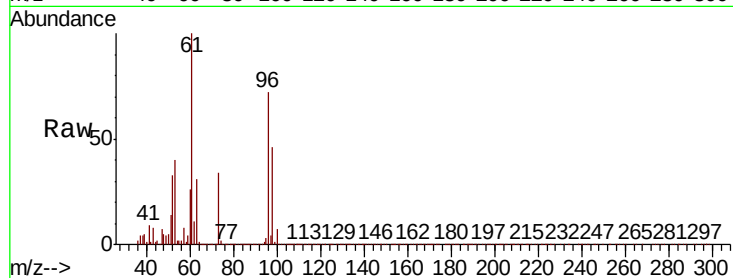
Tot Ion: 96 Resp: 325630

Ion Ratio Lower Upper

96 100

61 139.2 107.2 160.8

98 64.4 51.4 77.0

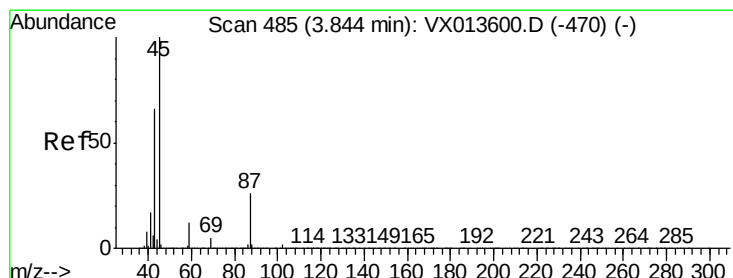
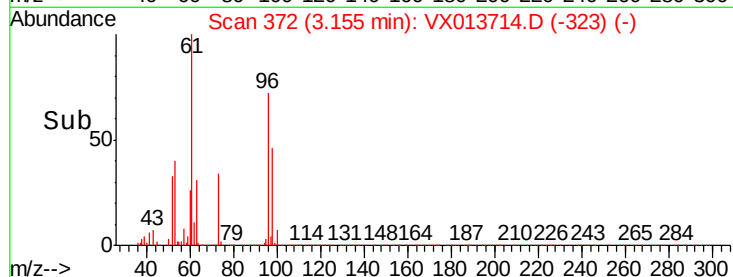
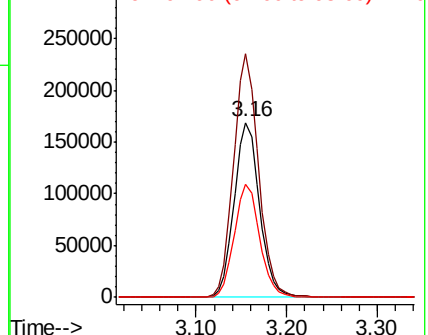


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.718 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion: 45 Resp: 1095858

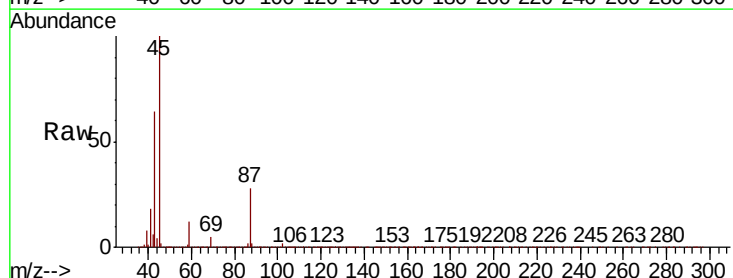
Ion Ratio Lower Upper

45 100

43 63.7 52.6 79.0

87 27.5 21.1 31.7

59 11.7 9.2 13.8



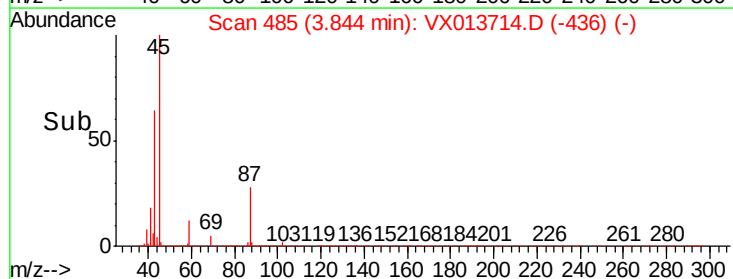
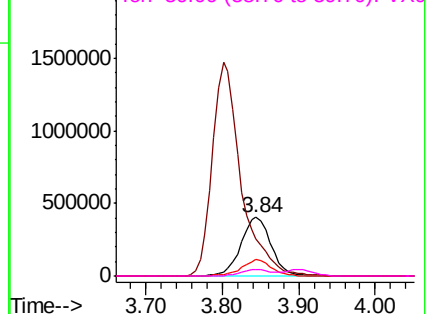
Abundance

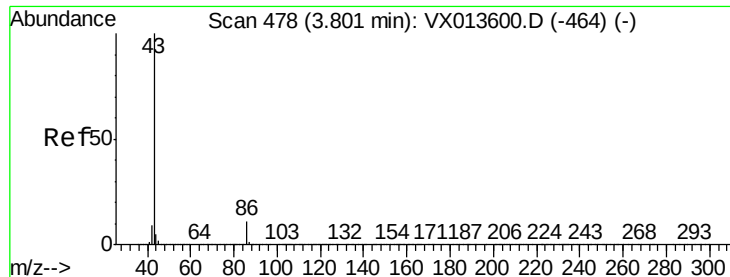
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 210.612 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

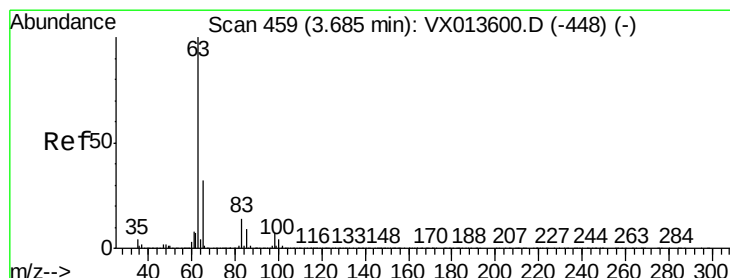
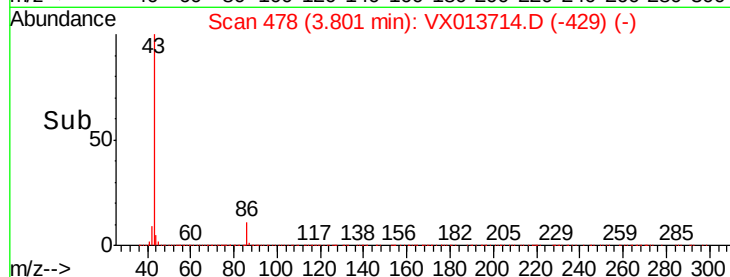
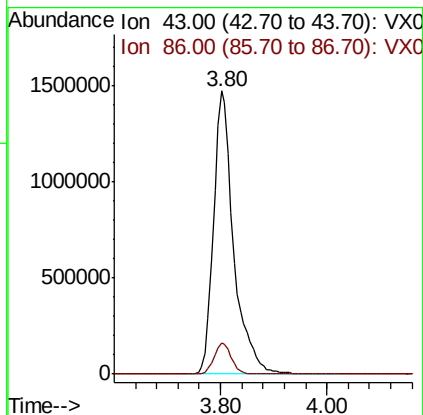
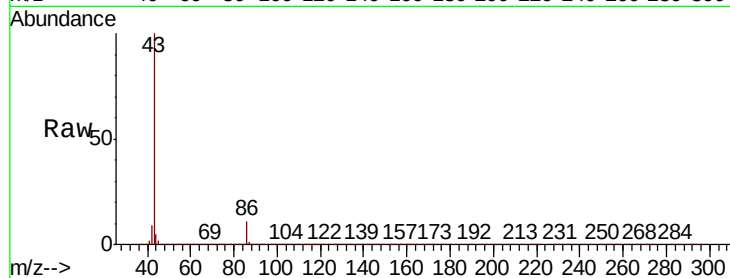
VSTDCCC050EC

Tot Ion: 43 Resp: 3861796

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.513 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

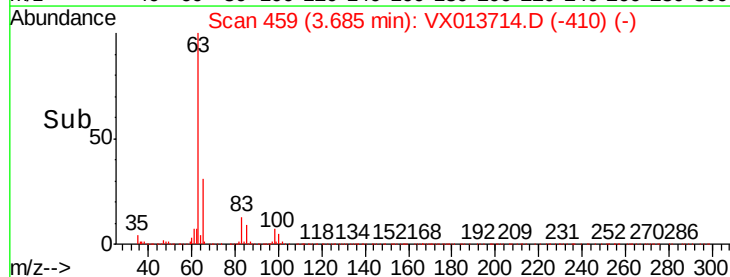
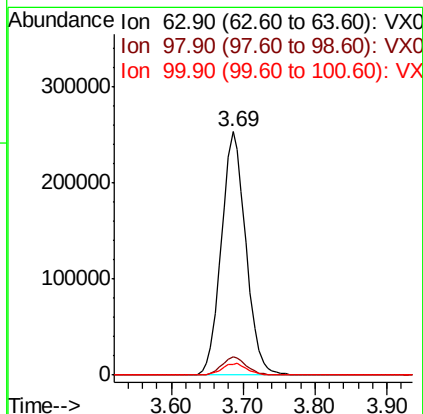
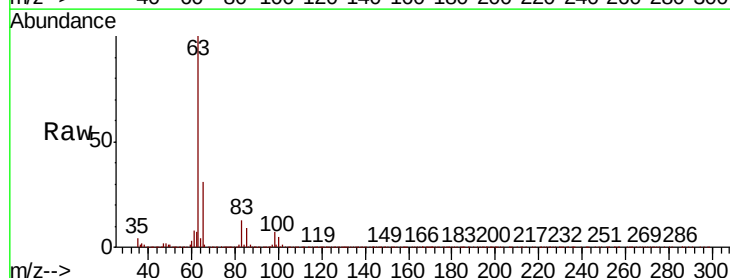
Tgt Ion: 63 Resp: 596588

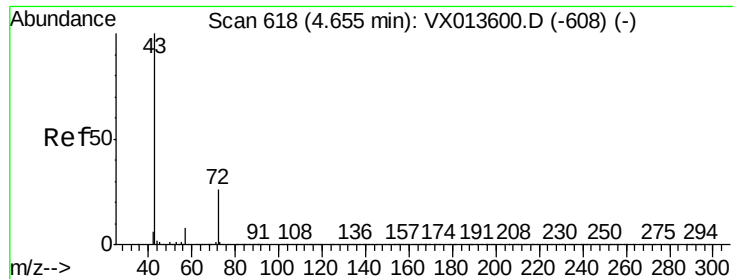
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.6 2.1 6.3

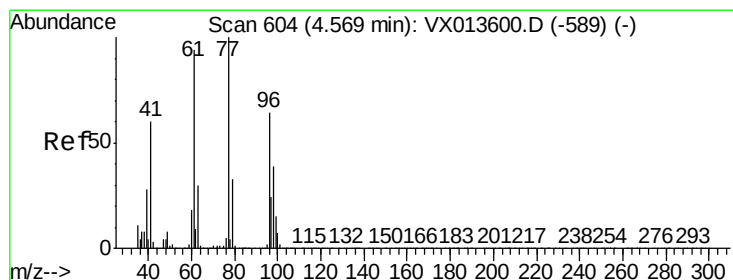
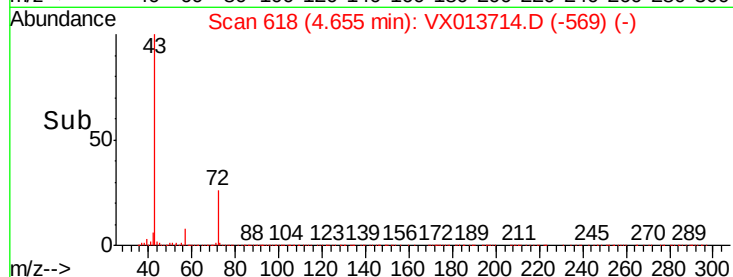
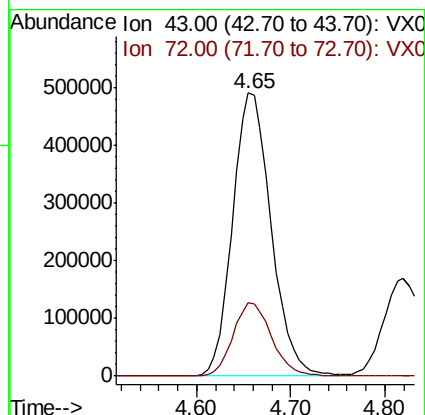
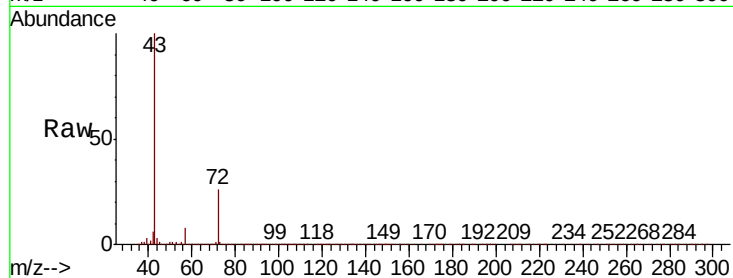




#25
2-Butanone
Concen: 246.198 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

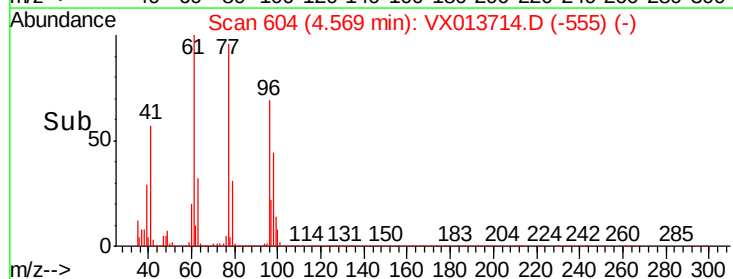
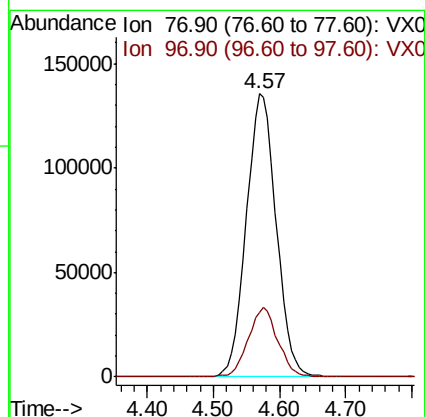
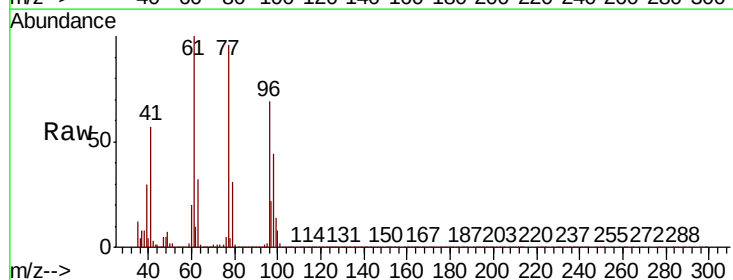
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

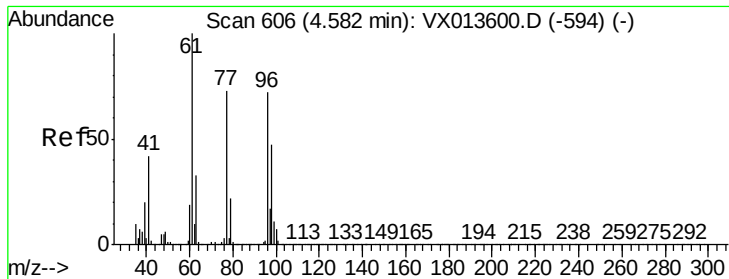
Tot Ion: 43 Resp: 1389836
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 42.613 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 77 Resp: 424820
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1



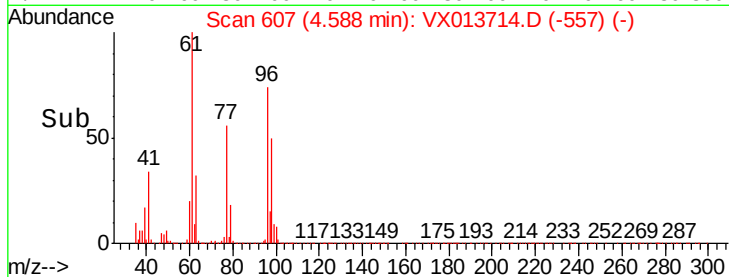
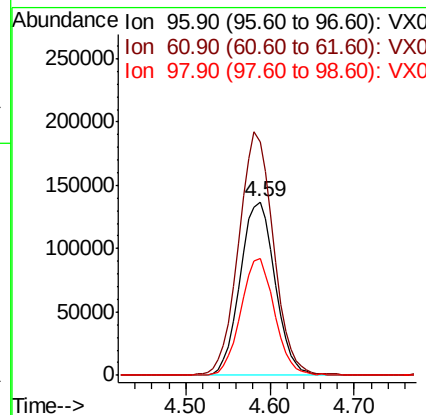
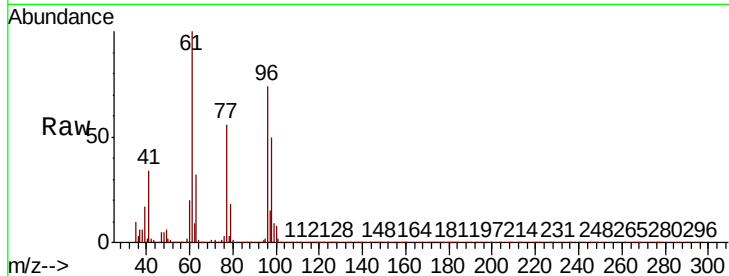


#27

cis-1,2-Dichloroethene
Concen: 48.659 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

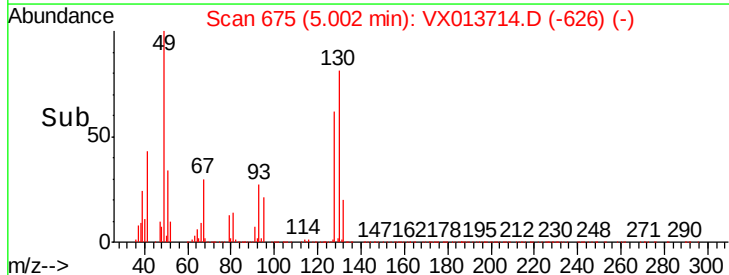
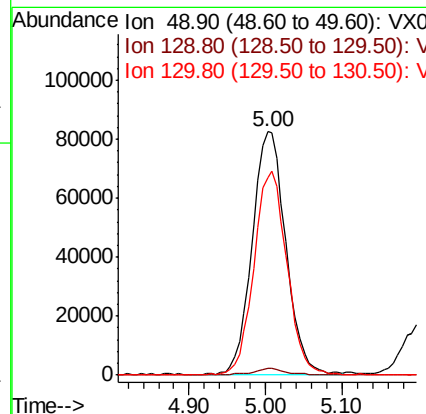
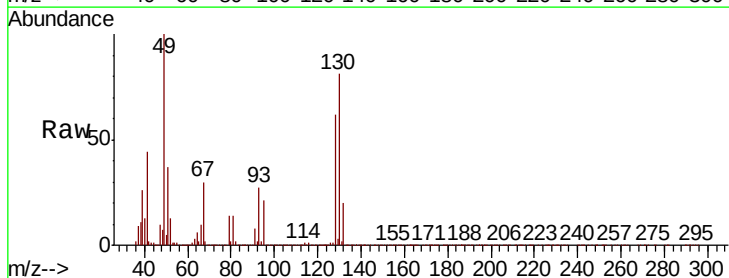
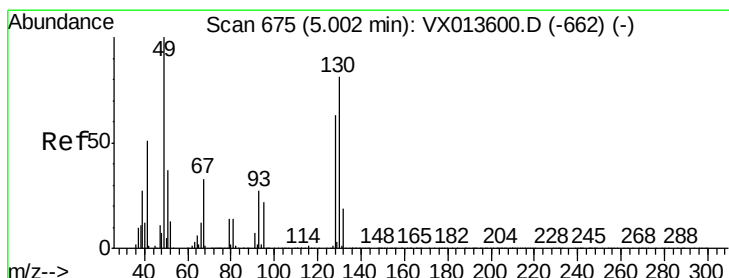
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	286.4
98	64.8	0.0	127.4

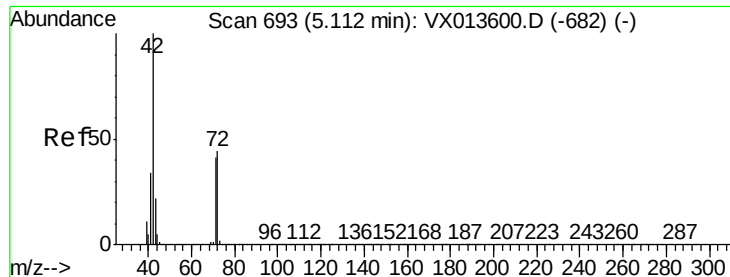


#28

Bromochloromethane
Concen: 53.458 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	81.4	65.4	98.0

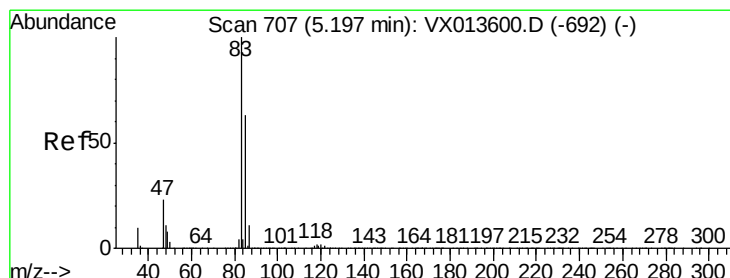
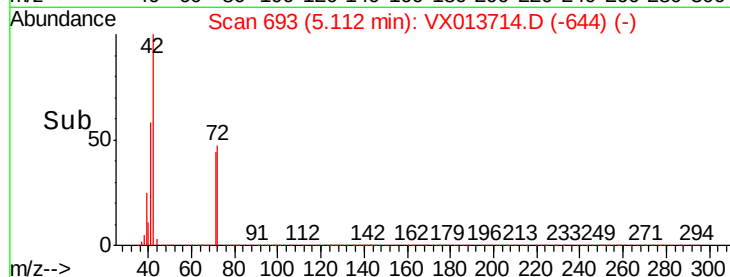
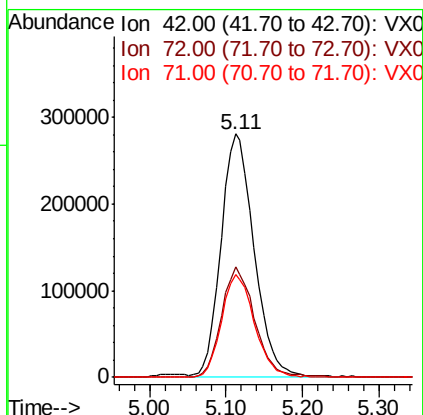
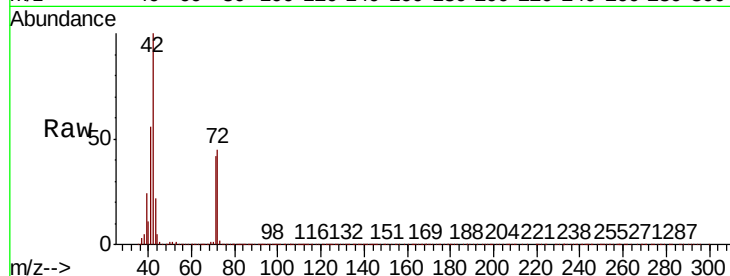




#29
Tetrahydrofuran
Concen: 239.611 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

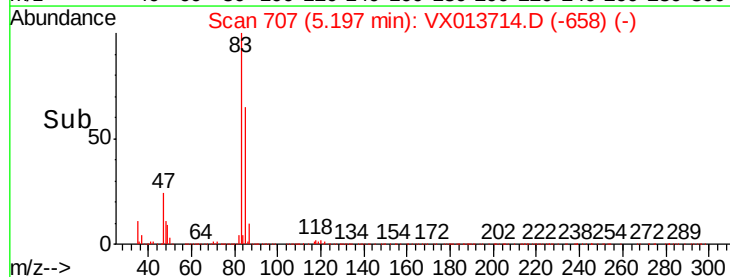
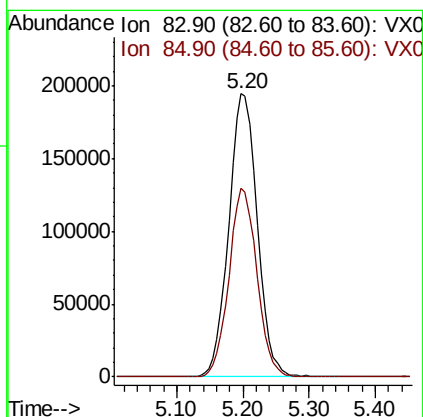
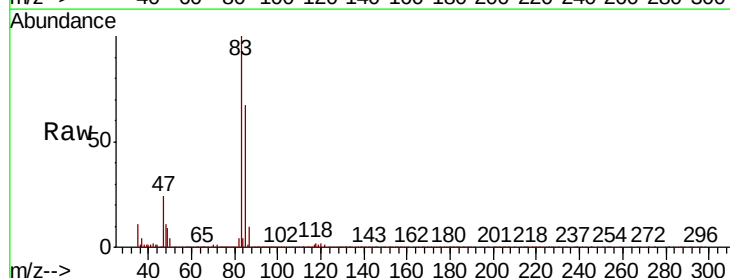
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

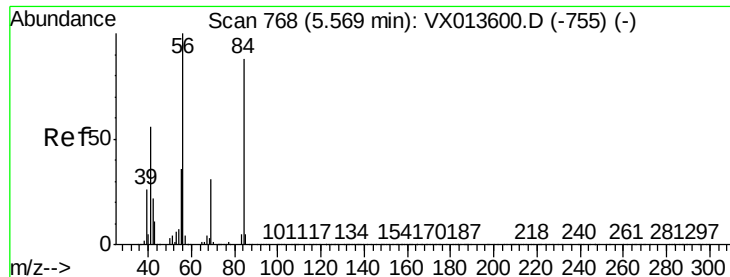
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.3	54.5
71	42.6	33.2	49.8



#30
Chloroform
Concen: 47.615 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.2	75.4

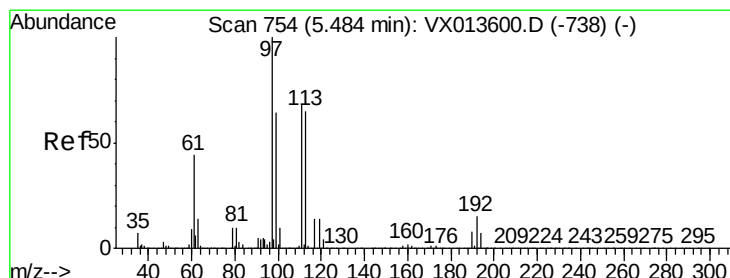
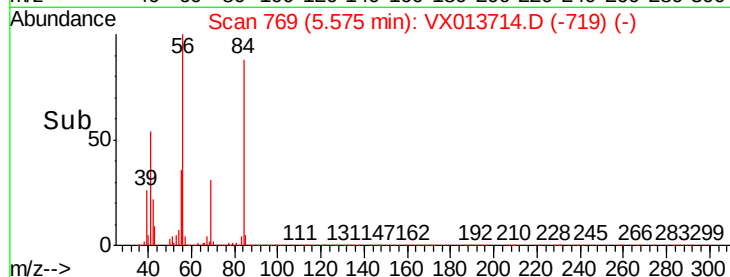
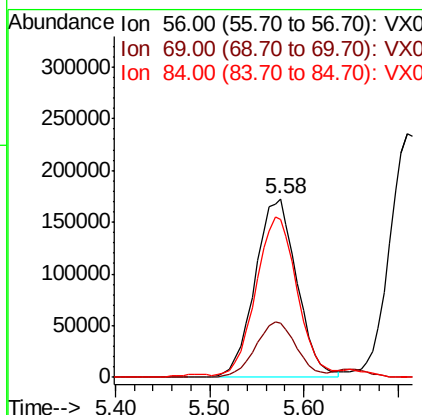
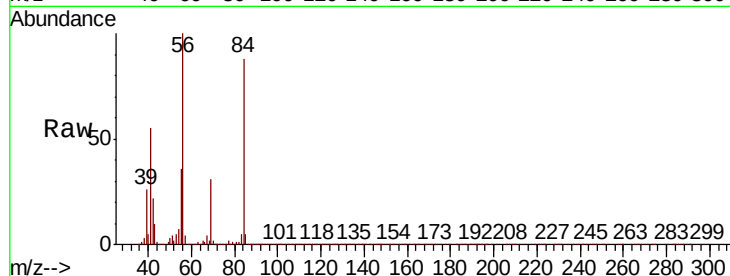




#31
Cyclohexane
Concen: 47.037 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

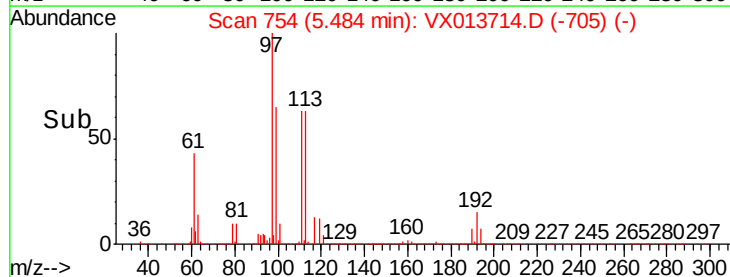
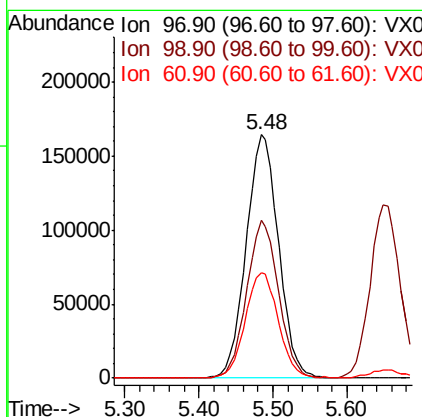
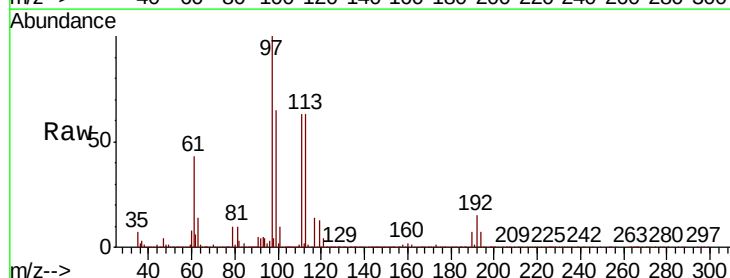
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

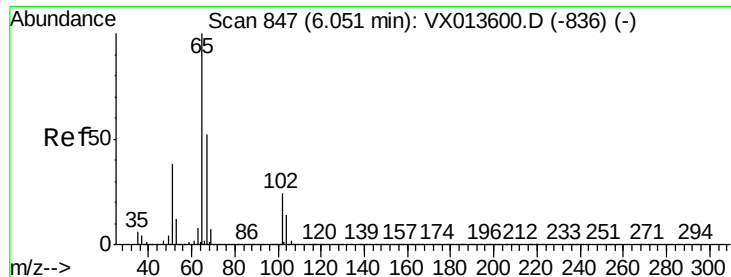
Tot Ion: 56 Resp: 534571
Ion Ratio Lower Upper
56 100
69 30.5 24.6 36.8
84 86.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.996 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 97 Resp: 500330
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 43.8 36.1 54.1

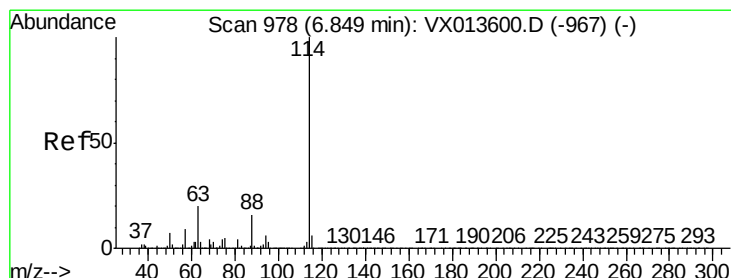
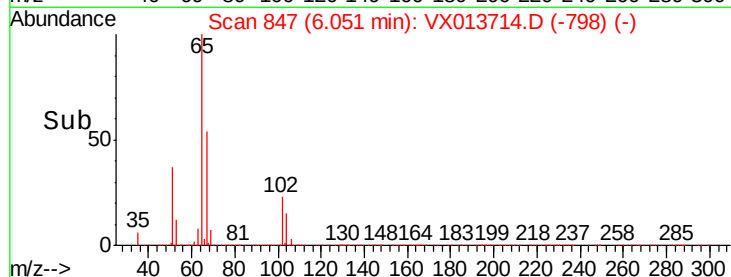
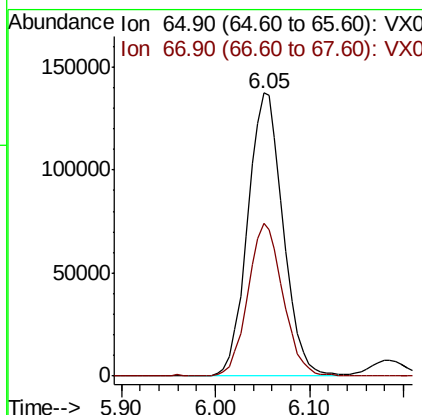
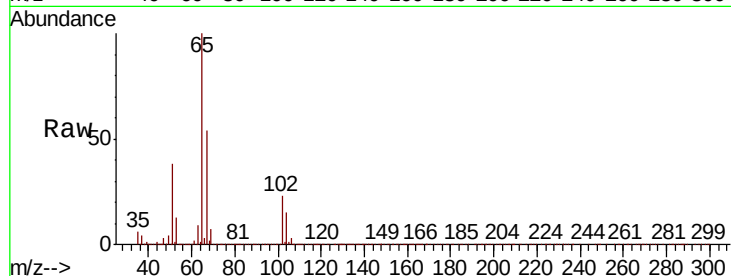




#33
 1,2-Dichloroethane-d4
 Concen: 46.777 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

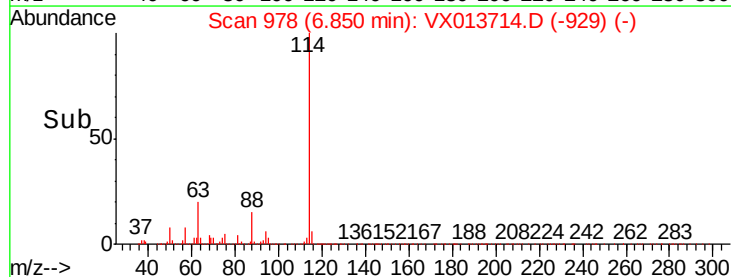
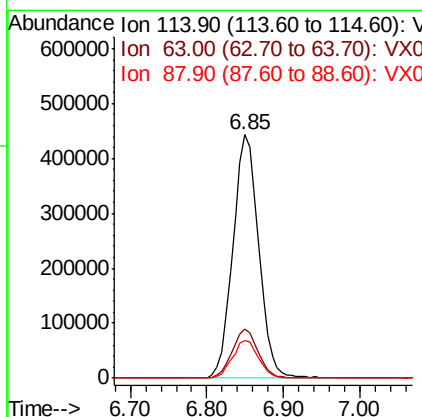
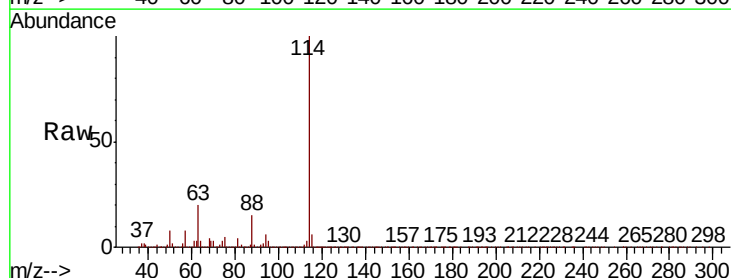
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

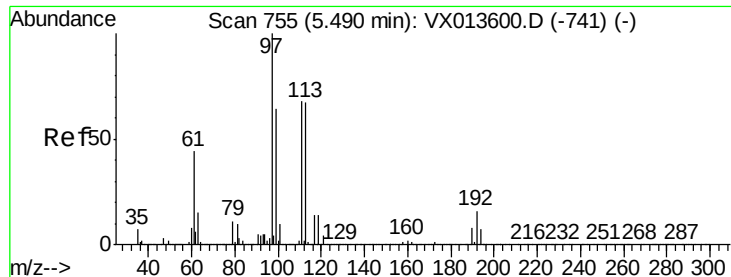
Tot Ion: 65 Resp: 359883
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion: 114 Resp: 1033870
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.107 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

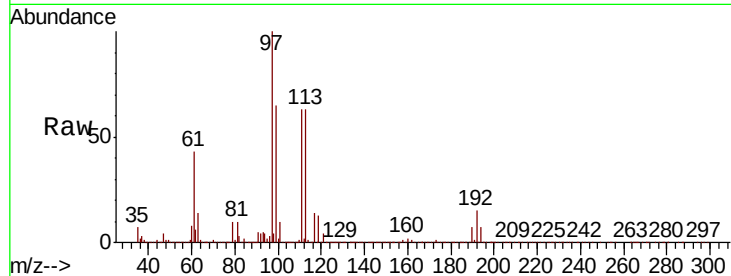
Tot Ion:113 Resp: 301088

Ion Ratio Lower Upper

113 100

111 101.8 83.6 125.4

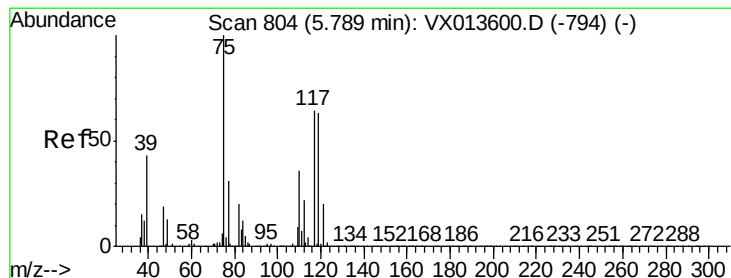
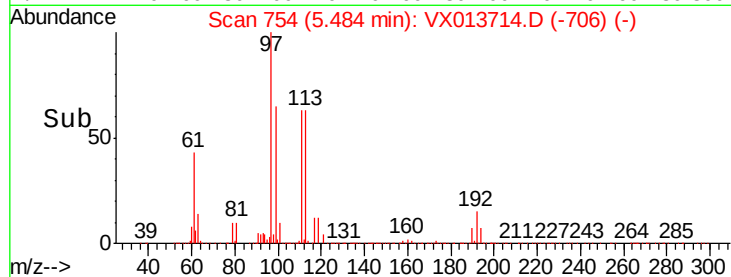
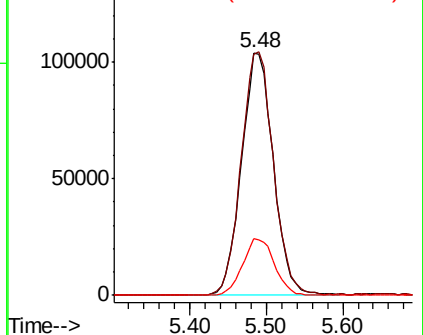
192 23.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.780 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

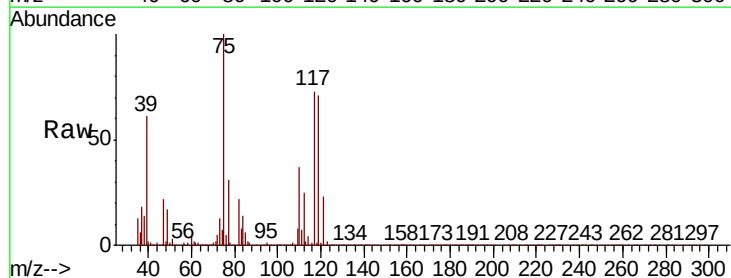
Tgt Ion: 75 Resp: 439031

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.1

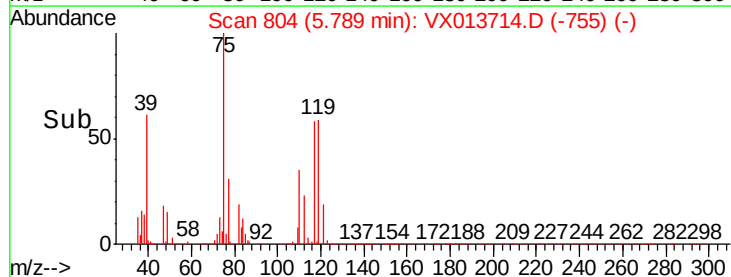
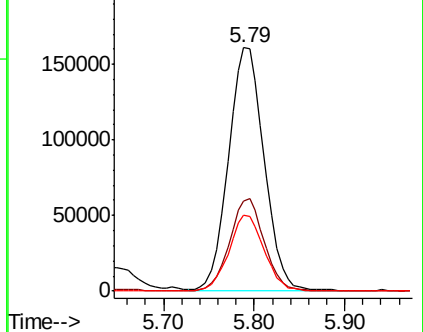
77 30.4 24.5 36.7

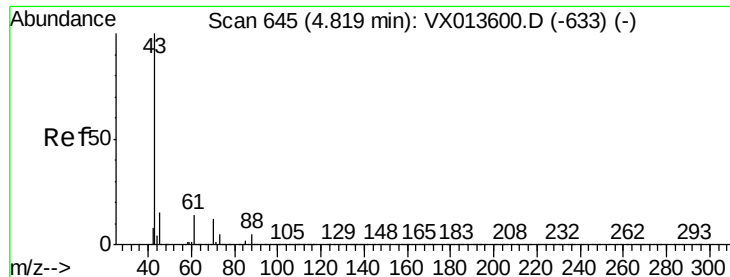


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

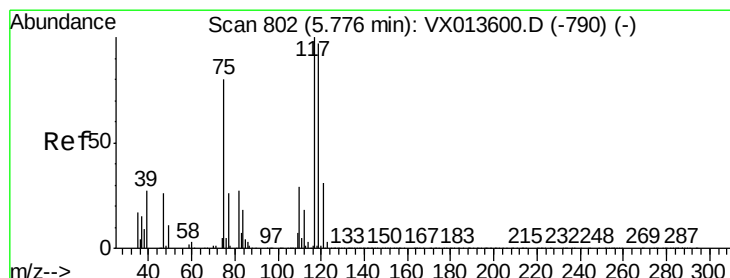
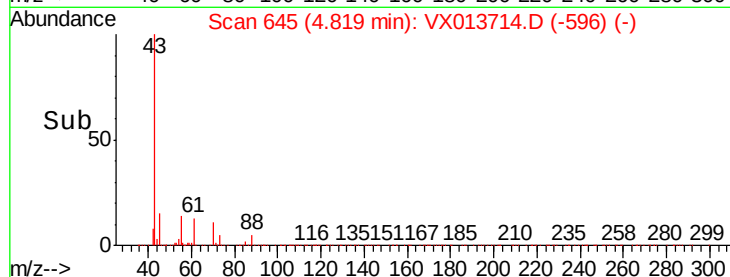
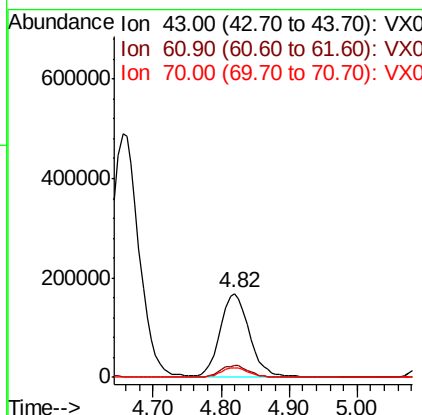
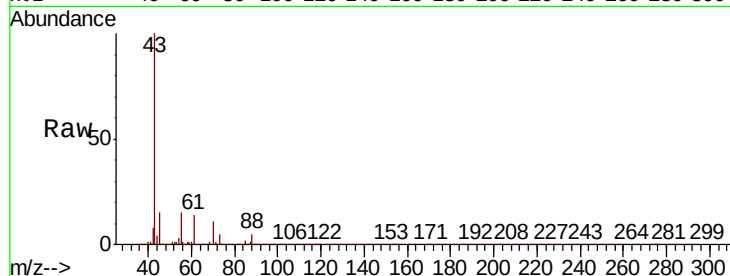




#37
Ethyl Acetate
Concen: 47.594 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

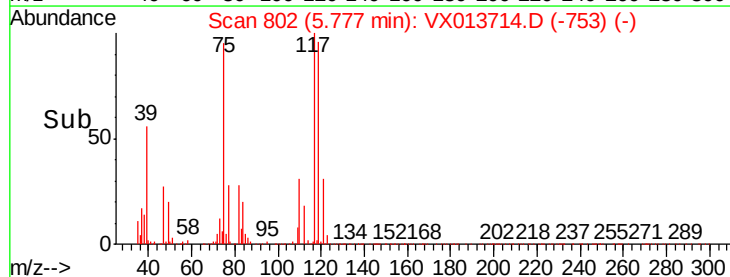
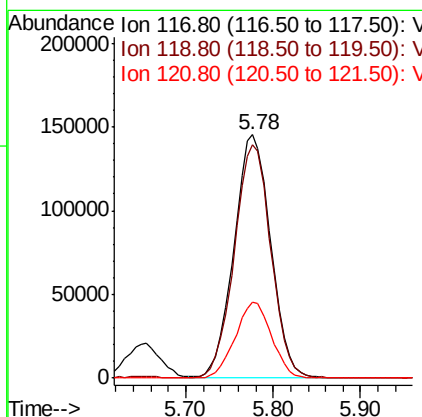
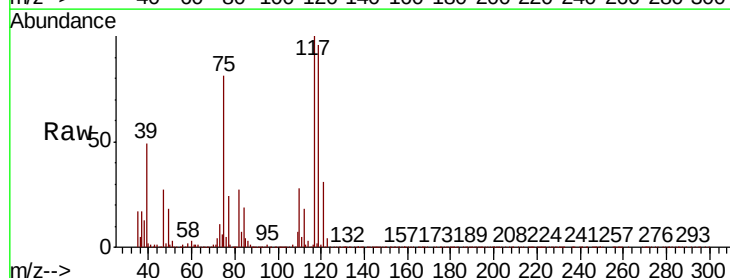
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

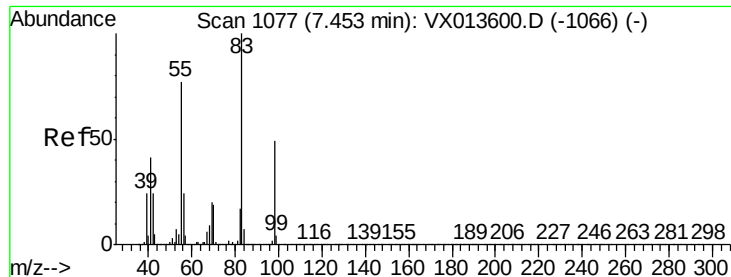
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.881 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.5	116.3
121	31.0	25.0	37.6

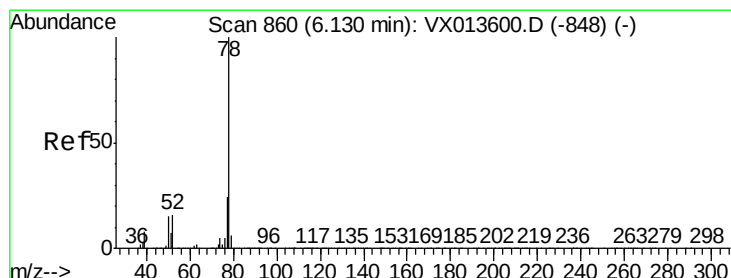
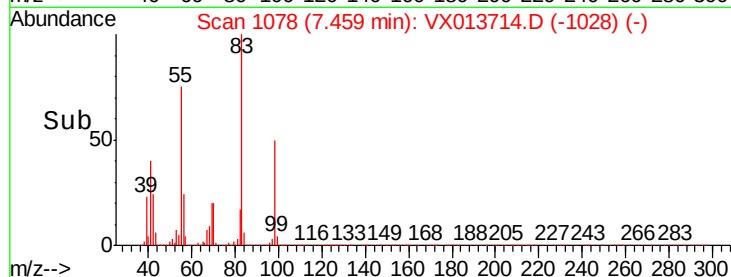
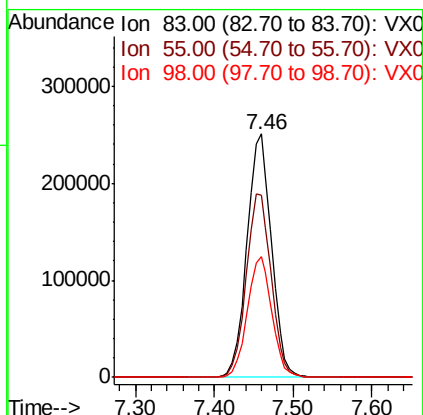
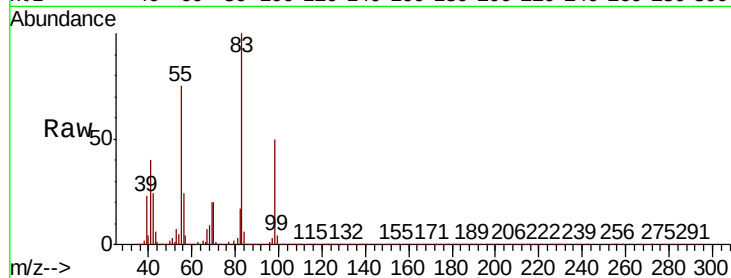




#39
Methylvlcyclohexane
Concen: 46.557 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

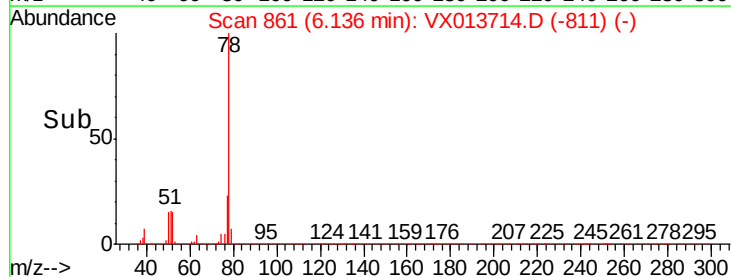
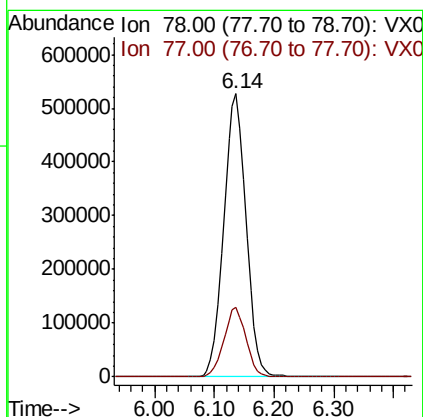
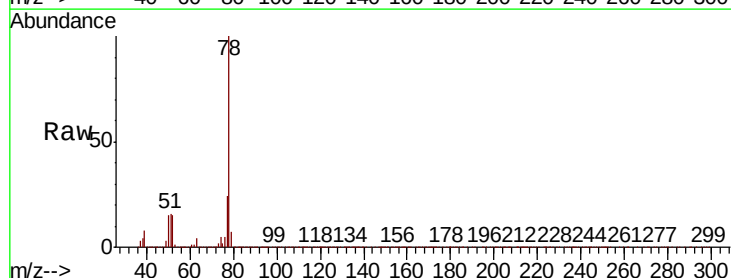
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

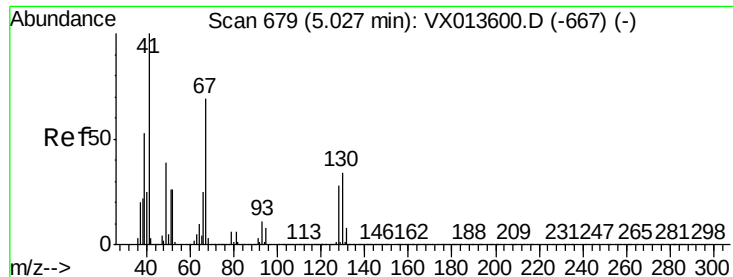
Tot Ion: 83 Resp: 540090
Ion Ratio Lower Upper
83 100
55 74.7 61.9 92.9
98 49.5 39.4 59.0



#40
Benzene
Concen: 48.041 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 78 Resp: 1373189
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41

Methacrylonitrile

Concen: 49.559 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 286152

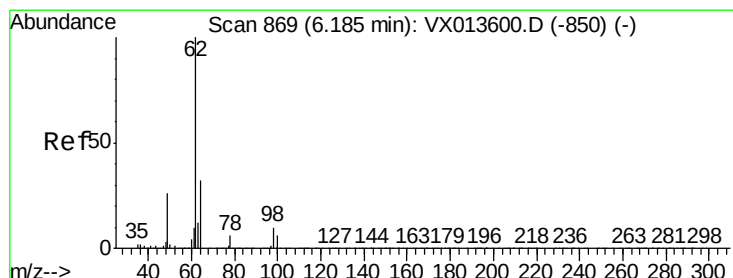
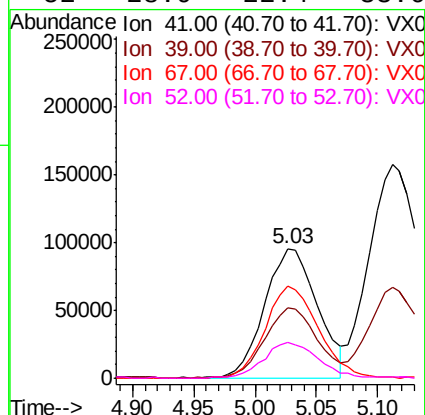
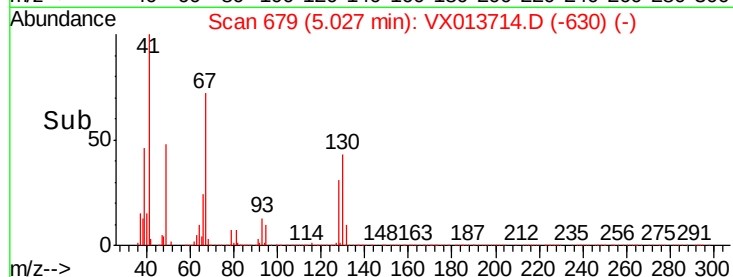
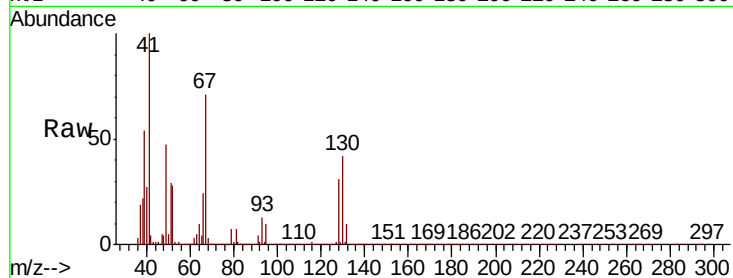
Ion Ratio Lower Upper

41 100

39 53.3 42.9 64.3

67 71.5 57.4 86.0

52 28.9 22.4 33.6



#42

1,2-Dichloroethane

Concen: 48.977 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013714.D

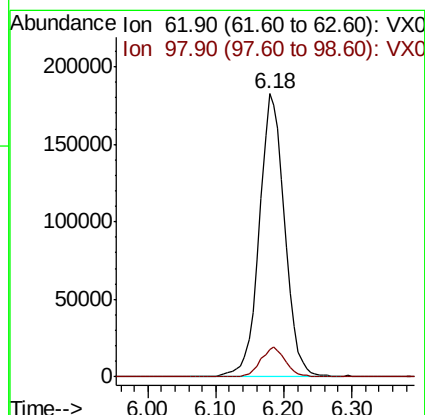
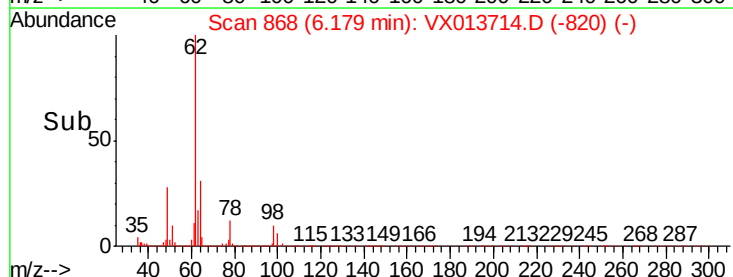
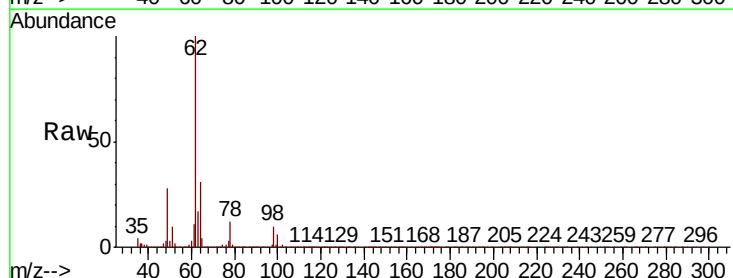
Acq: 29 Nov 2019 20:16

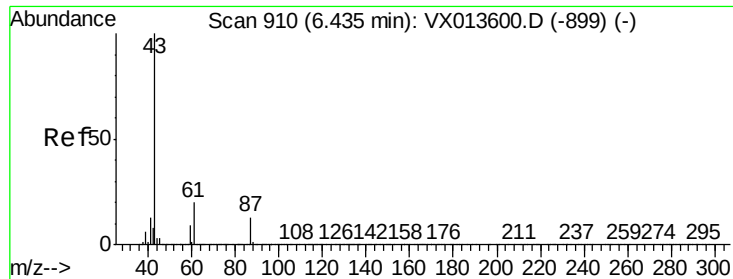
Tgt Ion: 62 Resp: 477439

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.8





#43

Isopropyl Acetate

Concen: 47.774 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

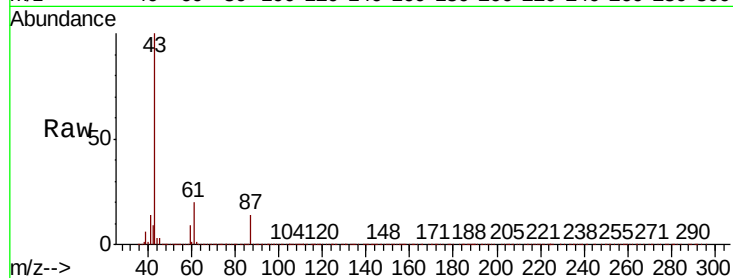
Tot Ion: 43 Resp: 828077

Ion Ratio Lower Upper

43 100

61 19.9 16.3 24.5

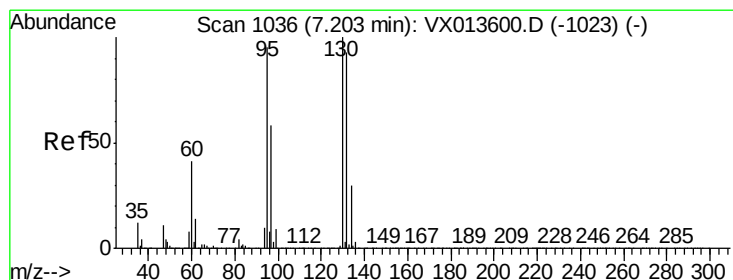
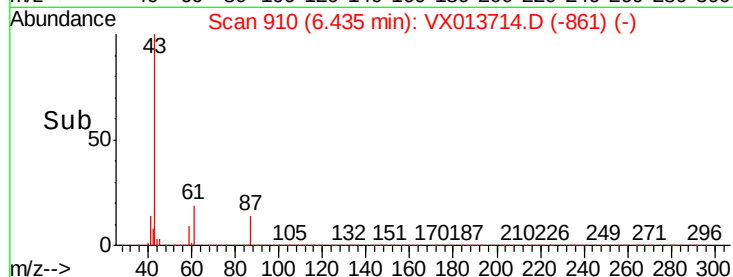
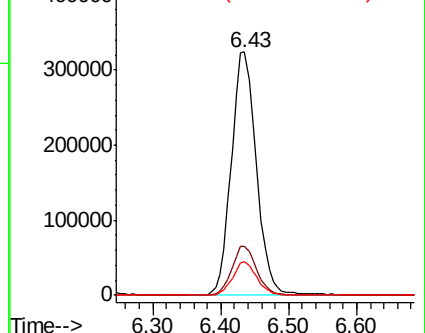
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.344 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013714.D

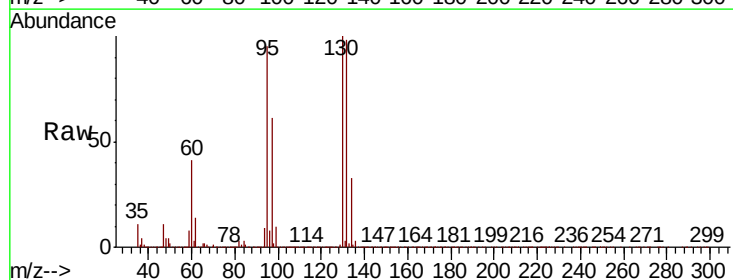
Acq: 29 Nov 2019 20:16

Tgt Ion:130 Resp: 371400

Ion Ratio Lower Upper

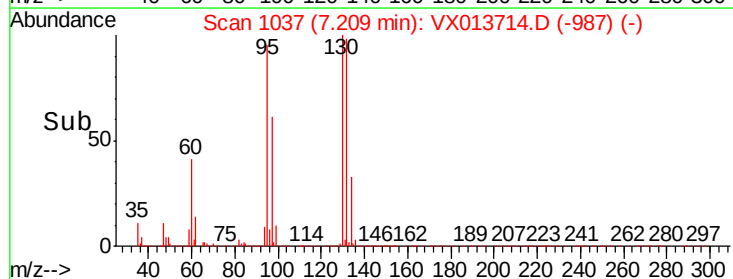
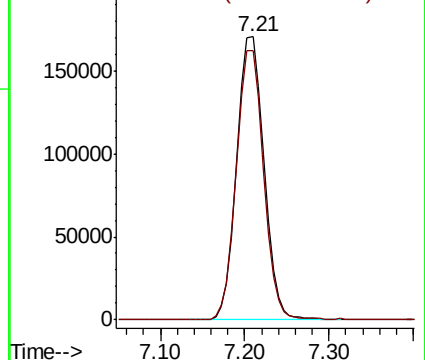
130 100

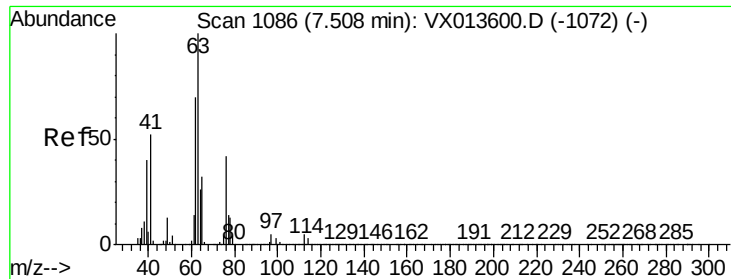
95 95.2 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.131 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

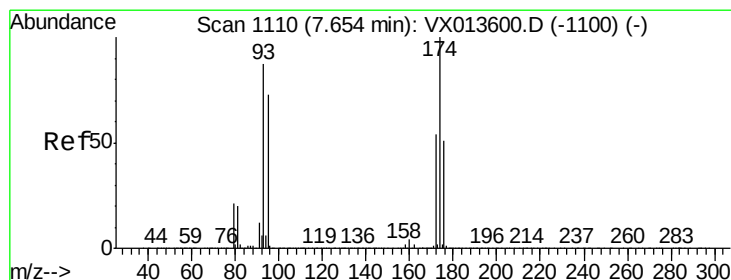
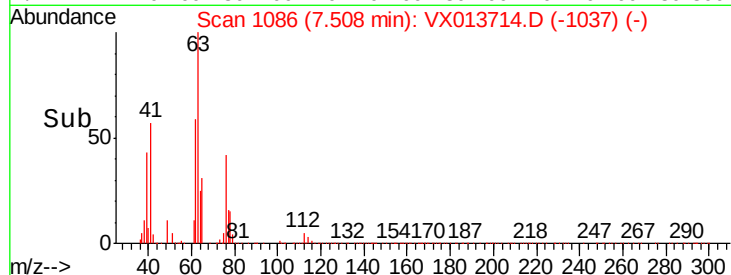
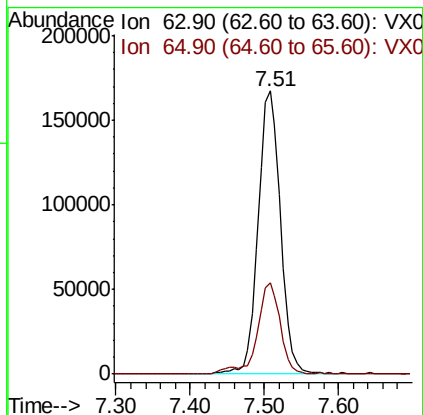
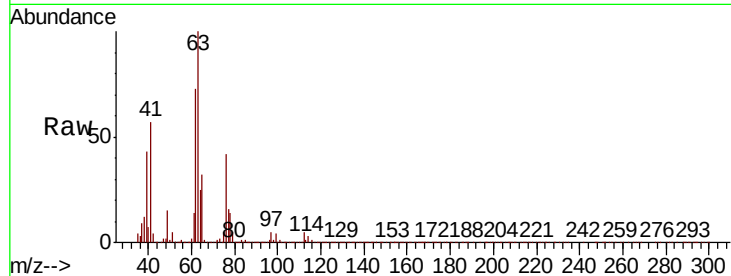
VSTDCCC050EC

Tot Ion: 63 Resp: 351360

Ion Ratio Lower Upper

63 100

65 32.1 25.5 38.3



#46

Dibromomethane

Concen: 47.068 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

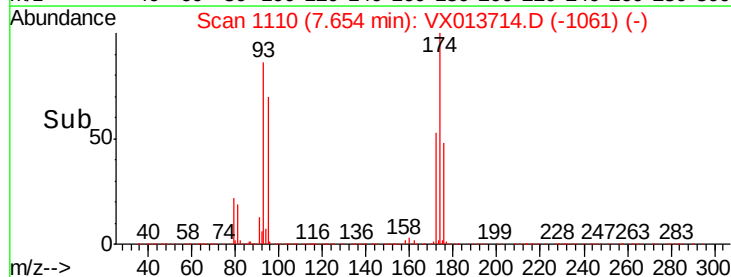
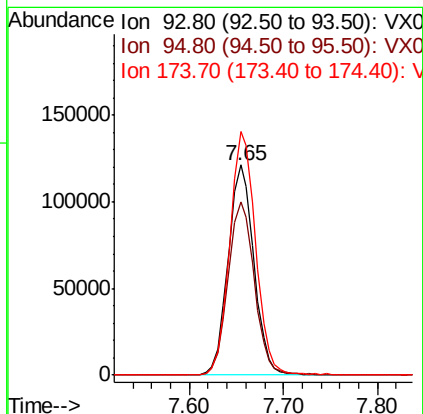
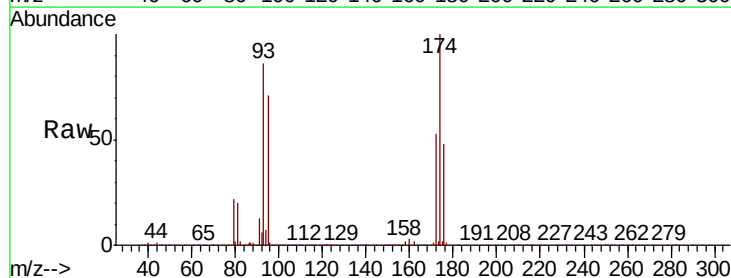
Tgt Ion: 93 Resp: 228613

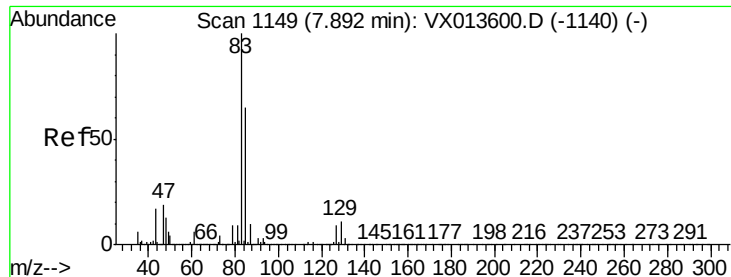
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.2

174 117.0 93.4 140.0





#47

Bromodichloromethane

Concen: 49.499 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

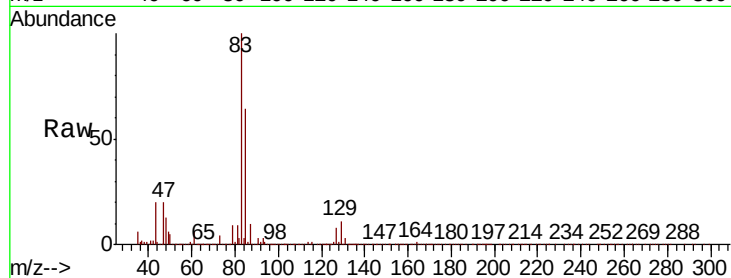
Tot Ion: 83 Resp: 454514

Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1

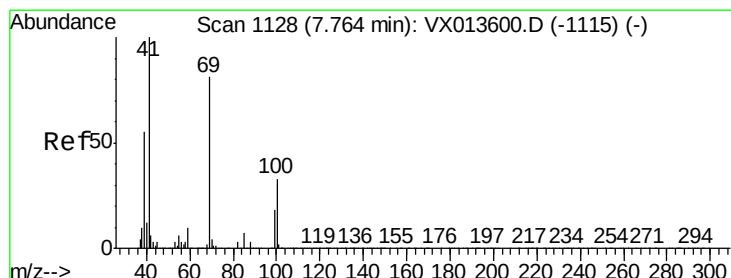
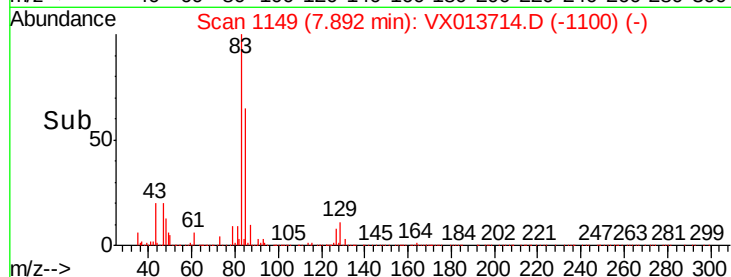
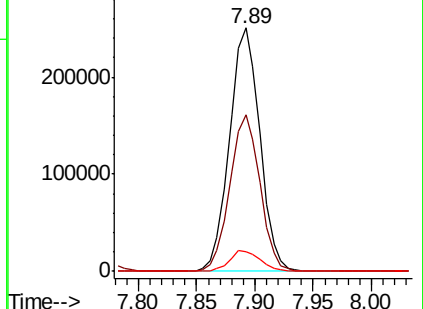
127 8.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.892 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

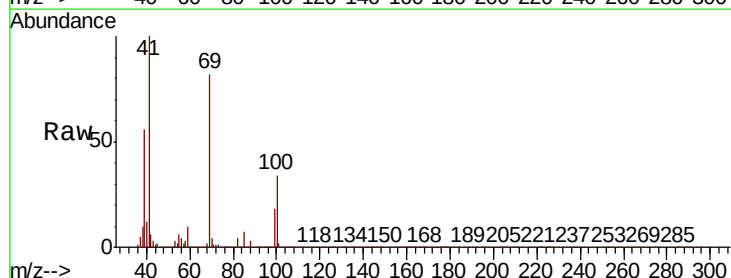
Tgt Ion: 41 Resp: 411756

Ion Ratio Lower Upper

41 100

69 81.8 64.7 97.1

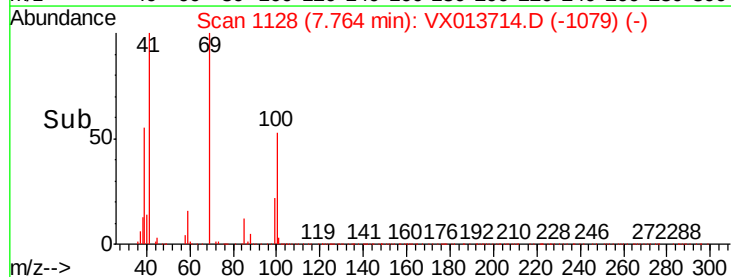
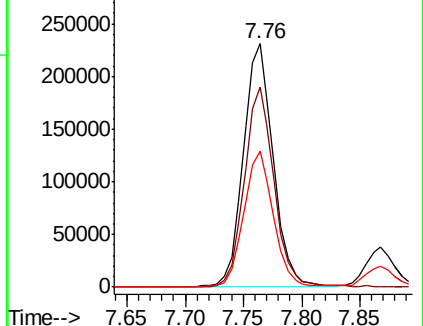
39 55.6 43.8 65.6

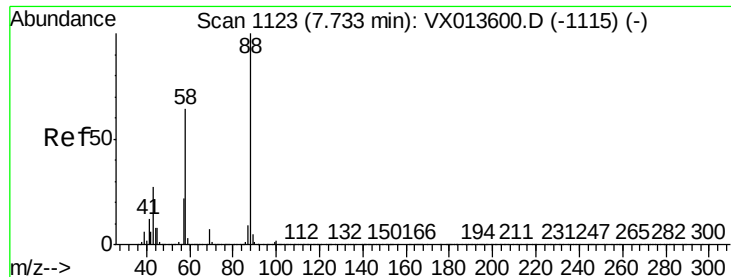


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 835.257 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

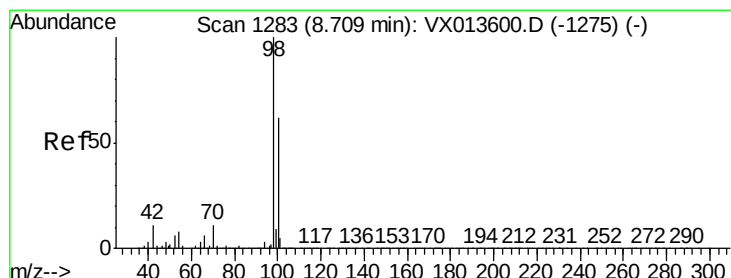
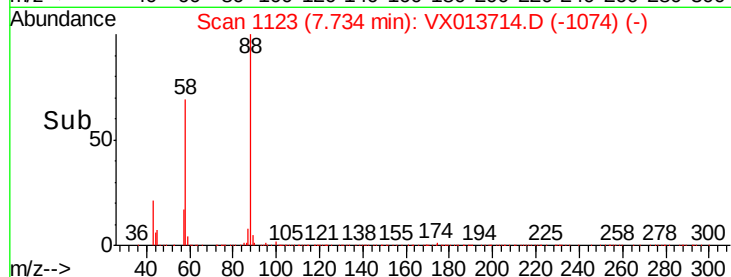
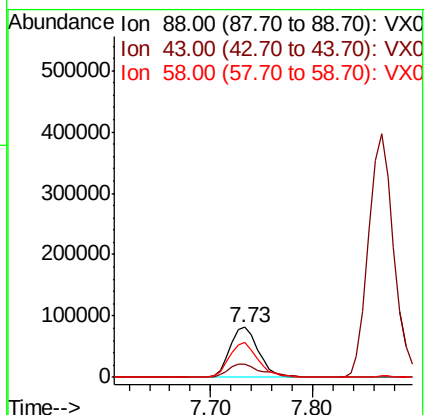
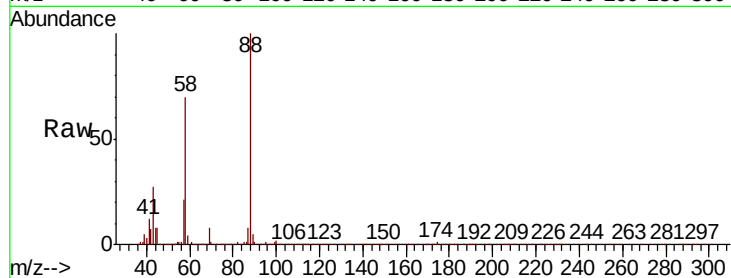
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 157456

Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.8	38.6
58	68.8	54.6	82.0



#50

Toluene-d8

Concen: 46.654 ug/l

RT: 8.71 min Scan# 1283

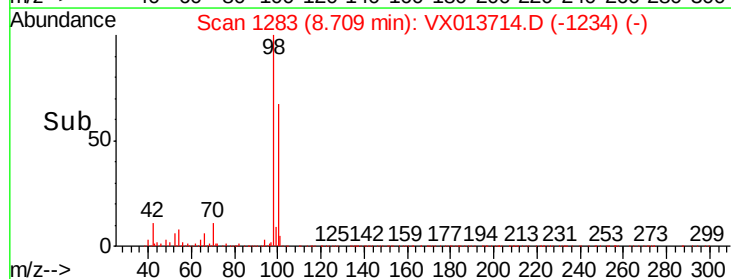
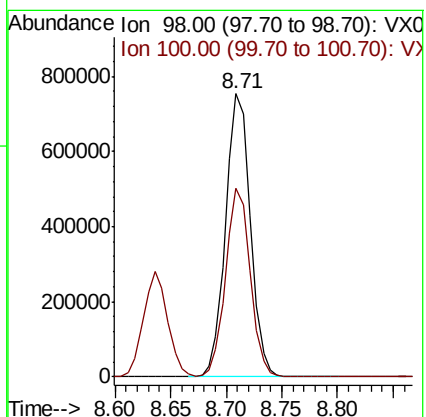
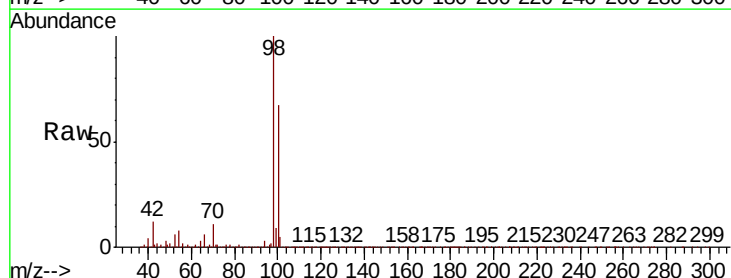
Delta R.T. 0.00 min

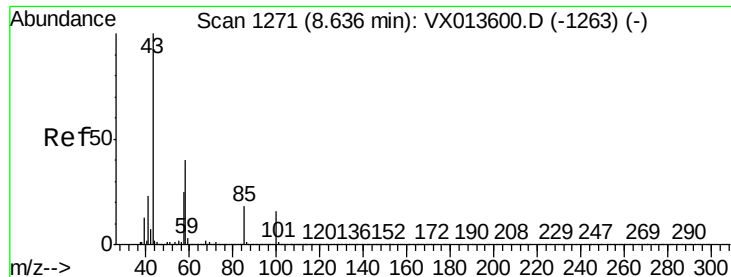
Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion: 98 Resp: 1161777

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

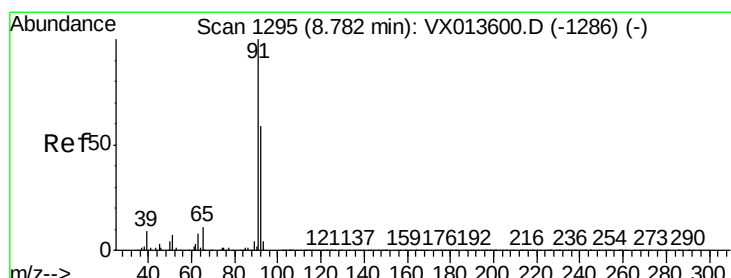
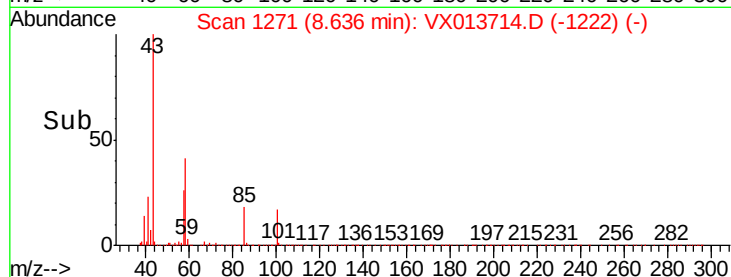
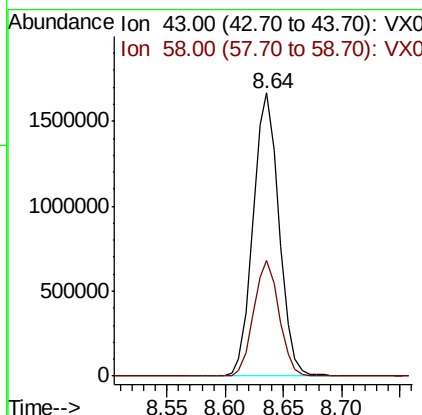
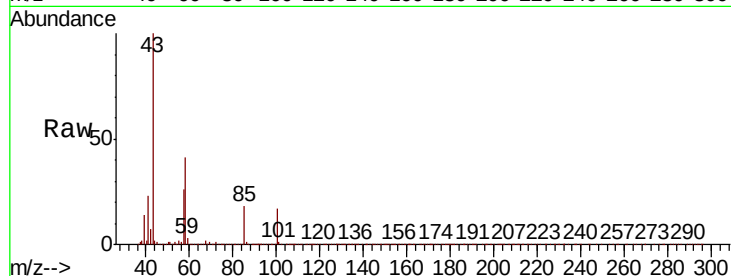




#51
 4-Methyl-2-Pentanone
 Concen: 237.733 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

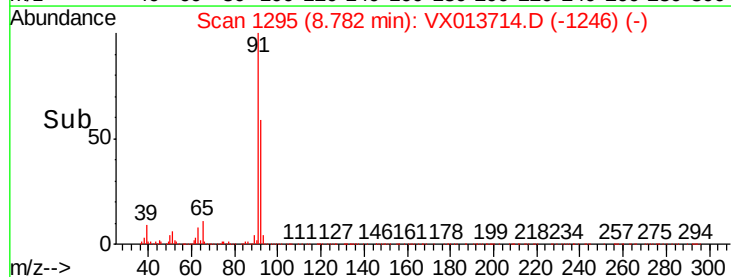
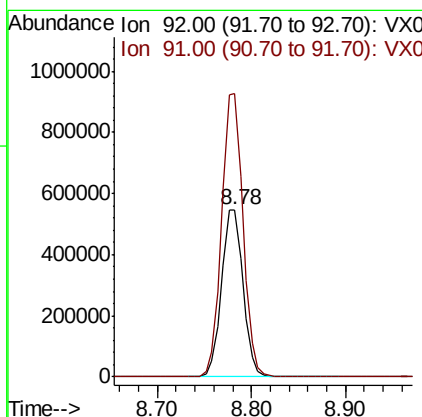
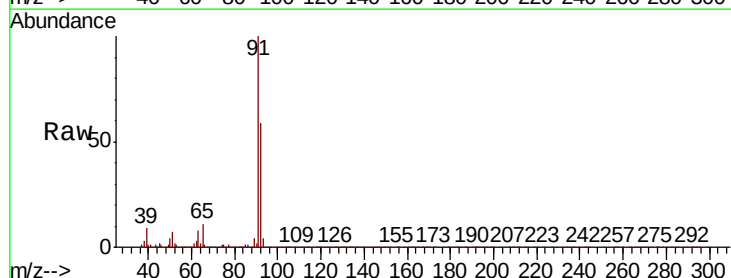
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

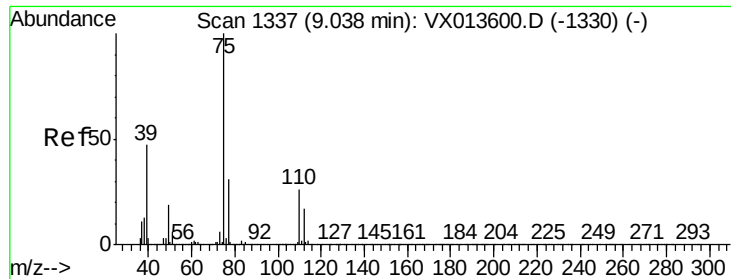
Tot Ion: 43 Resp: 2591998
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.1 48.1



#52
 Toluene
 Concen: 48.692 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion: 92 Resp: 864634
 Ion Ratio Lower Upper
 92 100
 91 168.5 136.2 204.2

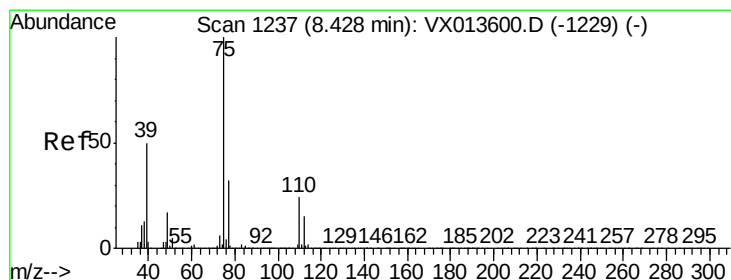
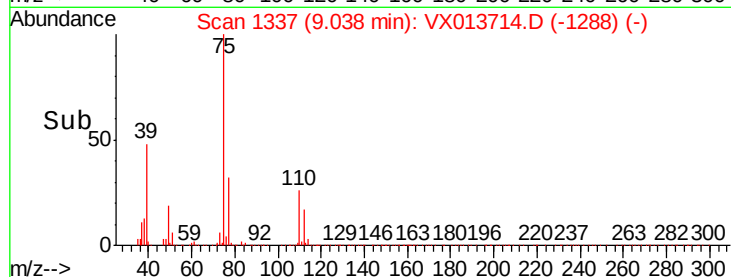
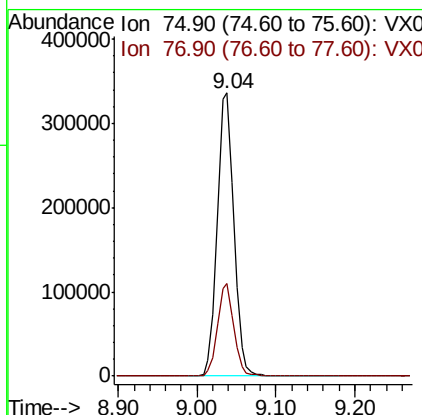
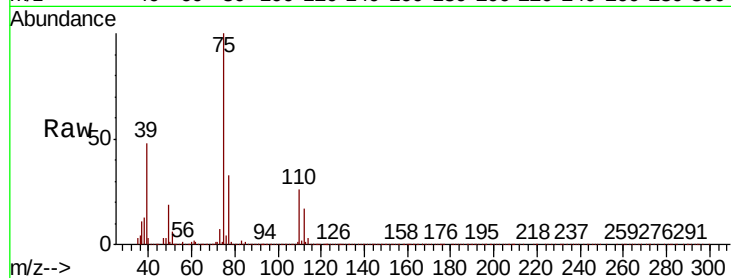




#53
t-1,3-Dichloropropene
Concen: 47.377 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

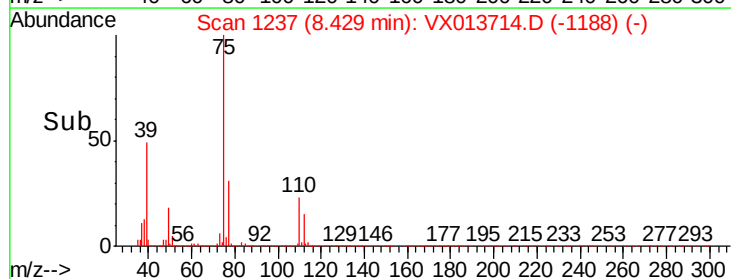
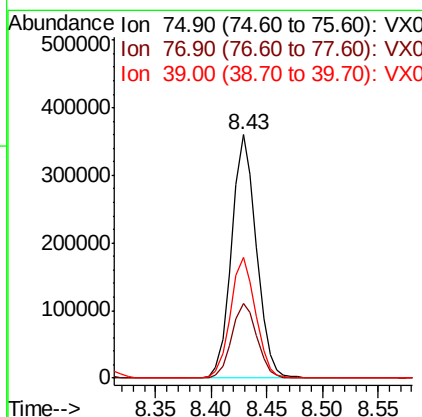
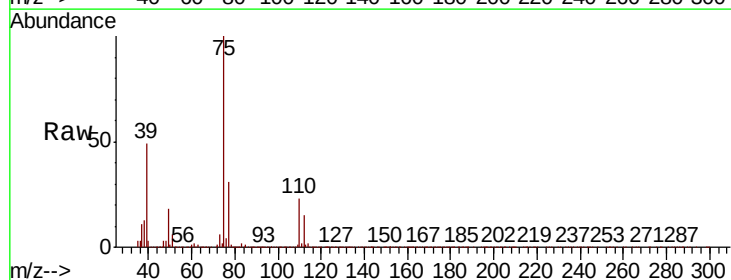
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

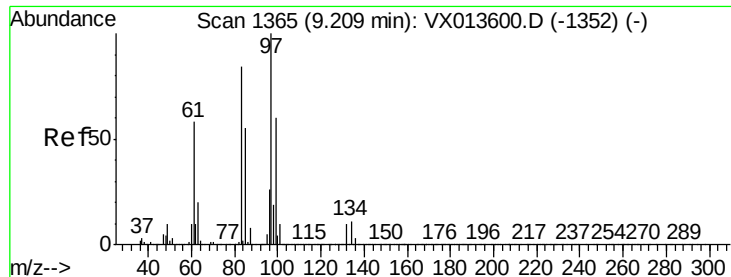
Tot Ion: 75 Resp: 495165
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 48.745 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 75 Resp: 556602
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 49.4 39.9 59.9

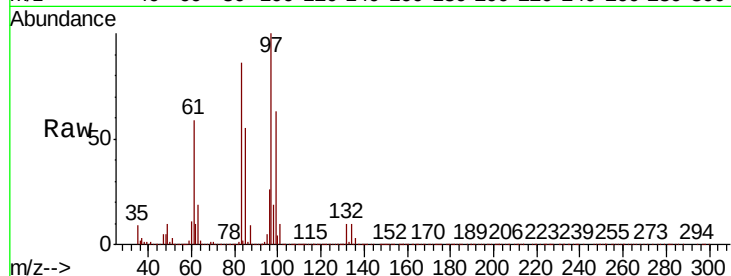




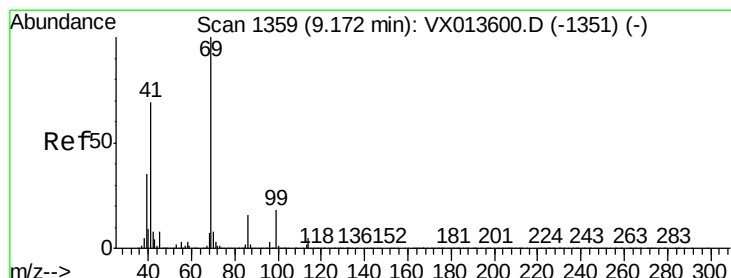
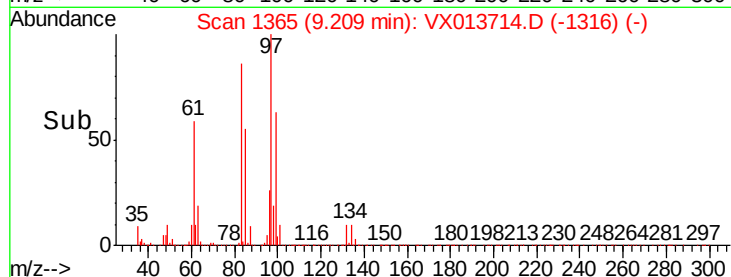
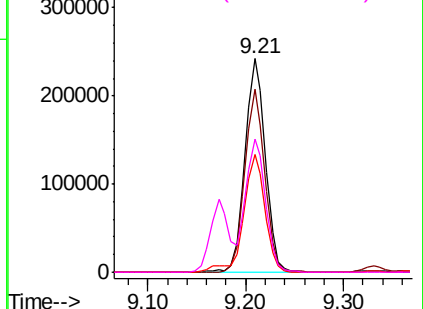
#55
 1,1,2-Trichloroethane
 Concen: 48.798 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	349189
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.3	100.9
85	55.3	43.6	65.4
99	62.6	48.2	72.4

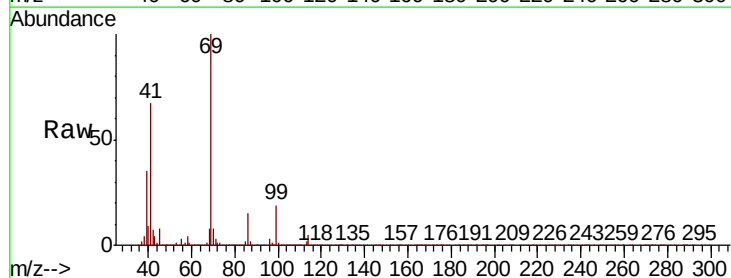


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

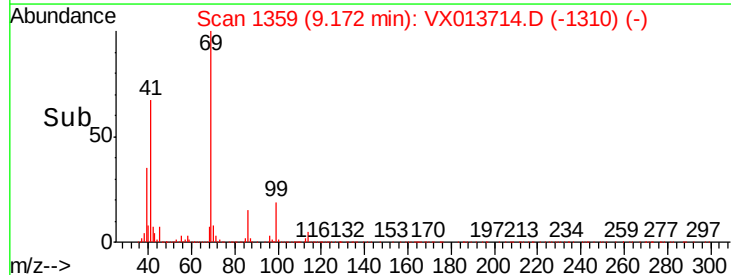
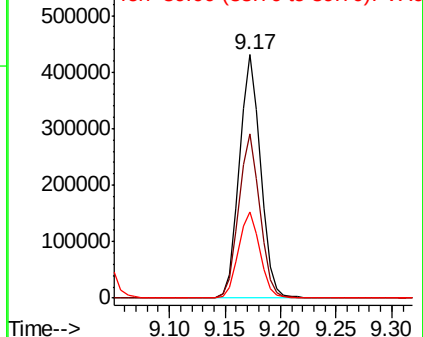


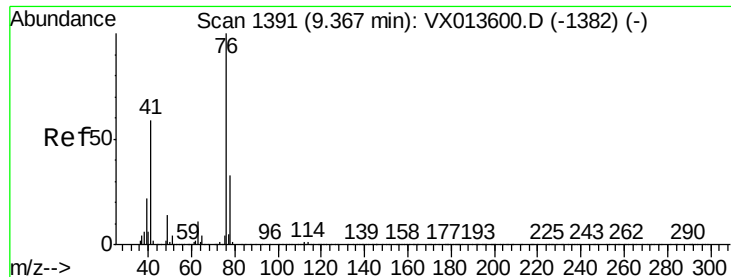
#56
 Ethyl methacrylate
 Concen: 49.427 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion:	69	Resp:	568644
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.0	82.4
39	35.7	28.7	43.1



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





#57

1,3-Dichloropropane

Concen: 47.655 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

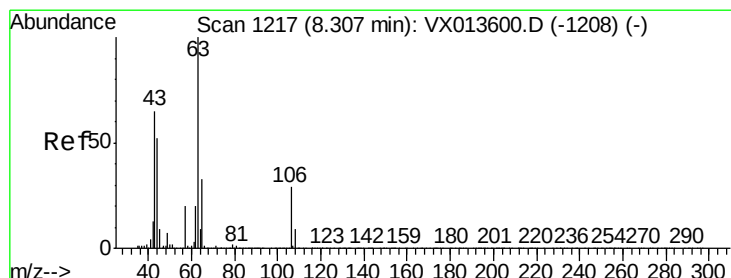
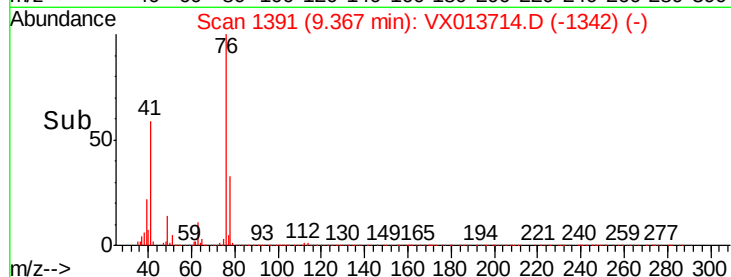
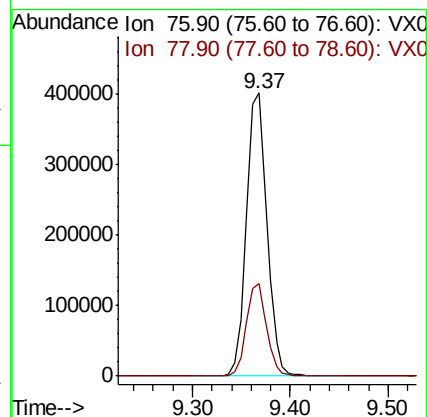
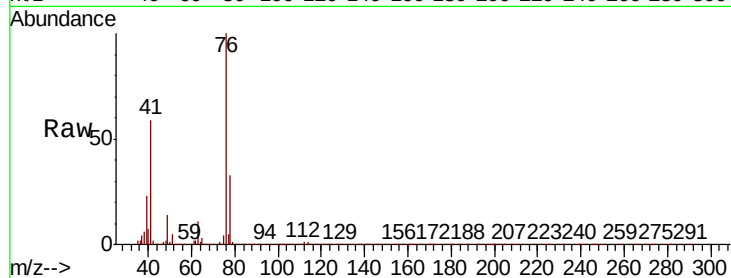
VSTDCCC050EC

Tot Ion: 76 Resp: 587794

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 240.078 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013714.D

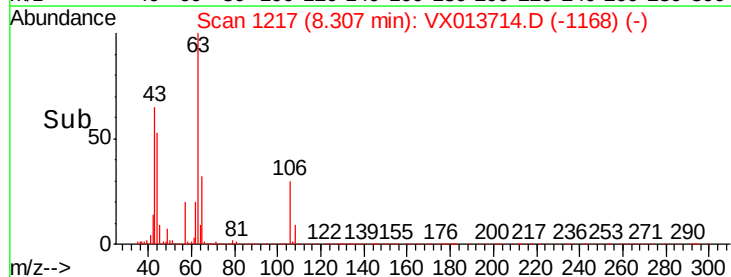
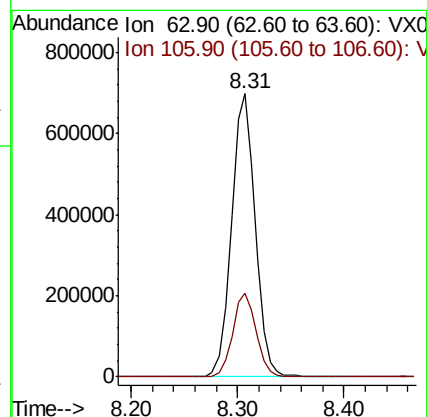
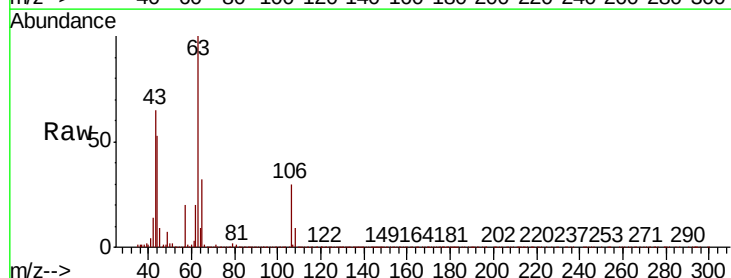
Acq: 29 Nov 2019 20:16

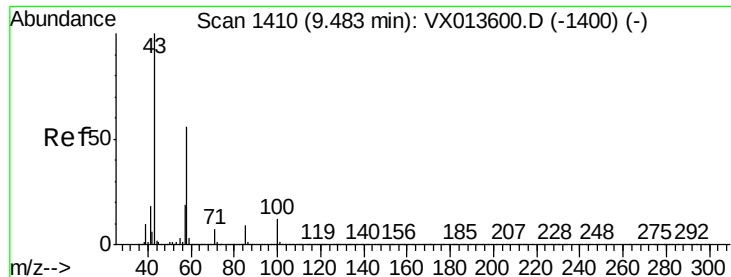
Tgt Ion: 63 Resp: 1082921

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0

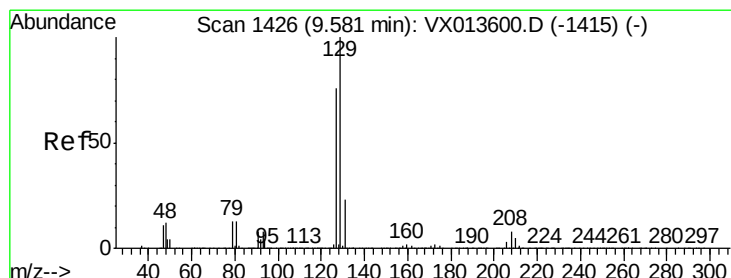
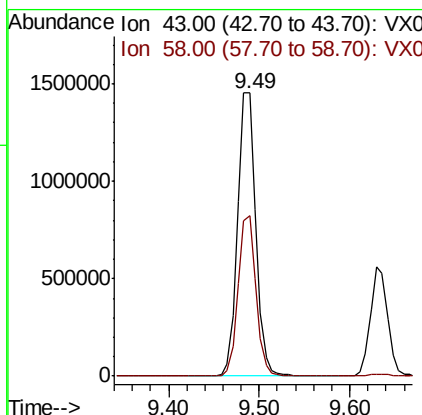
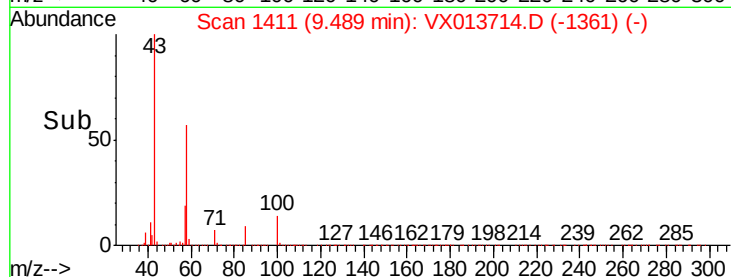
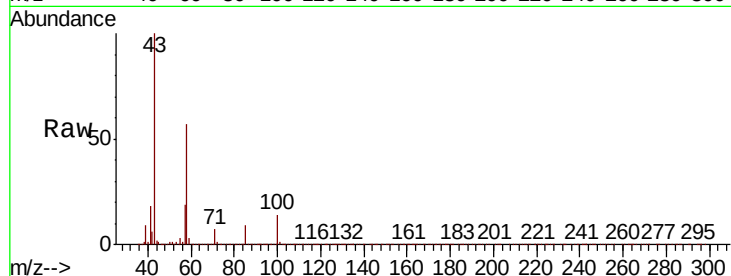




#59
2-Hexanone
Concen: 238.080 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

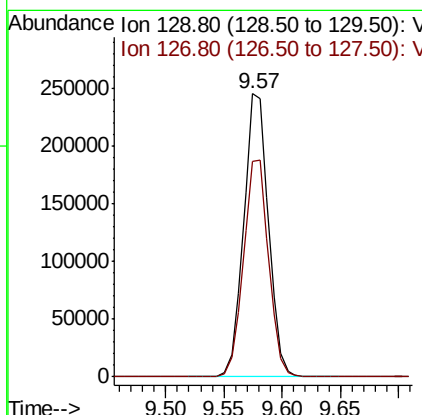
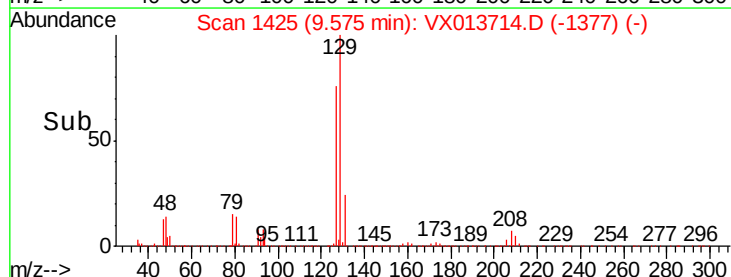
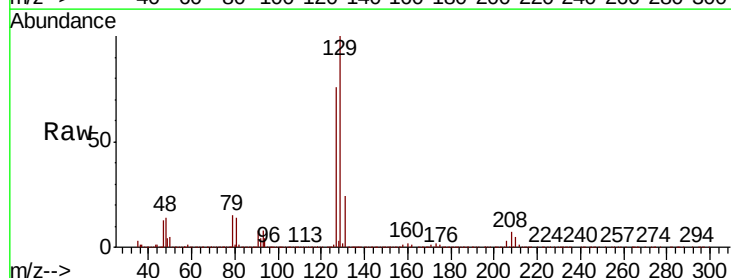
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

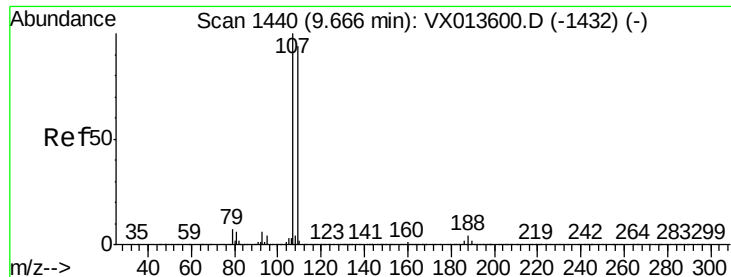
Tot Ion: 43 Resp: 2024517
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4



#60
Dibromochloromethane
Concen: 49.062 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 129 Resp: 364343
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.134 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

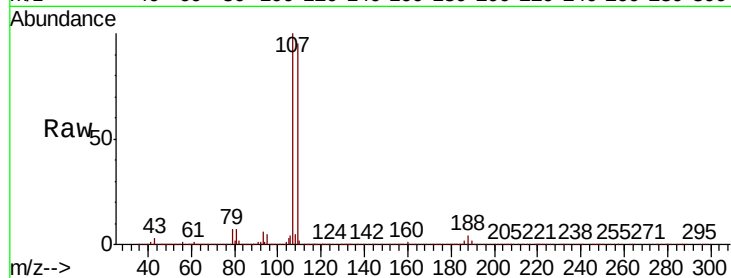
VSTDCCC050EC

Tot Ion:107 Resp: 367877

Ion Ratio Lower Upper

107 100

109 94.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

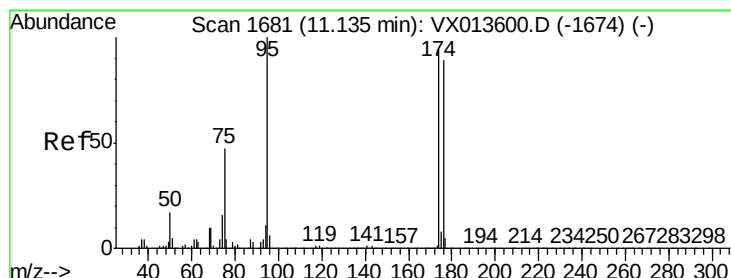
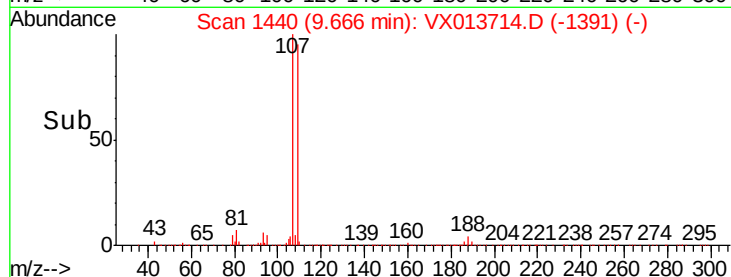
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.030 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

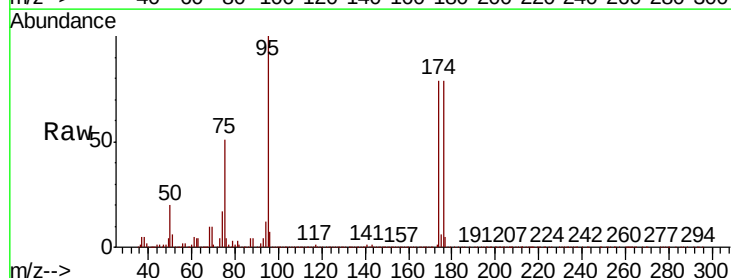
Tgt Ion: 95 Resp: 413334

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

176 87.7 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

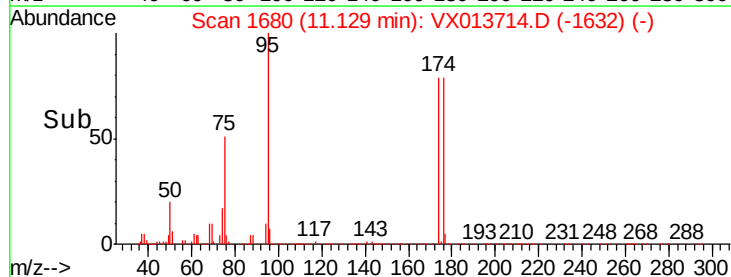
300000

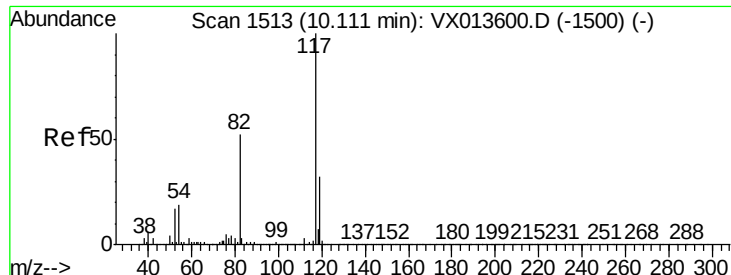
200000

100000

0

Time-->

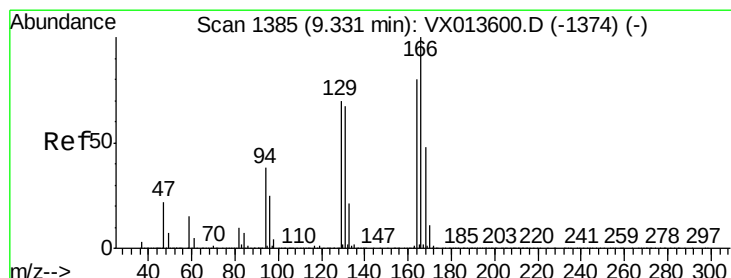
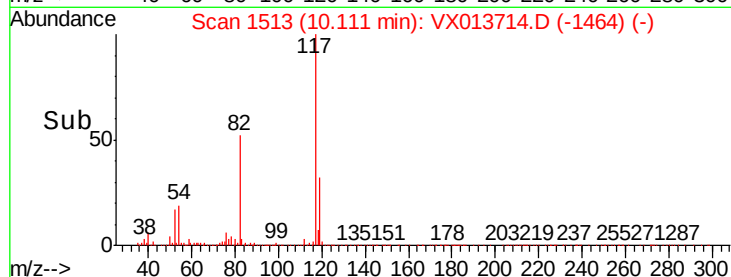
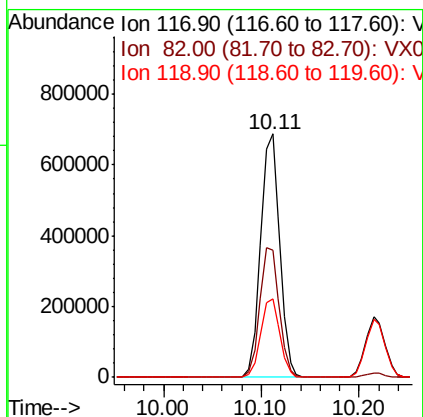
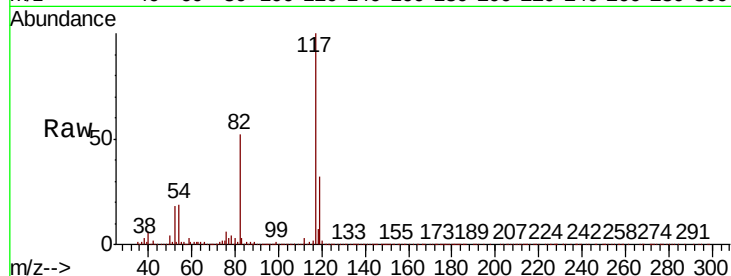




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

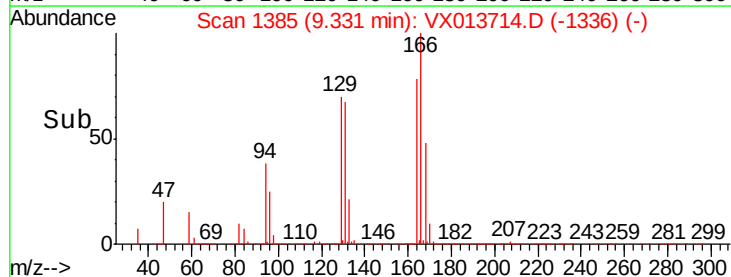
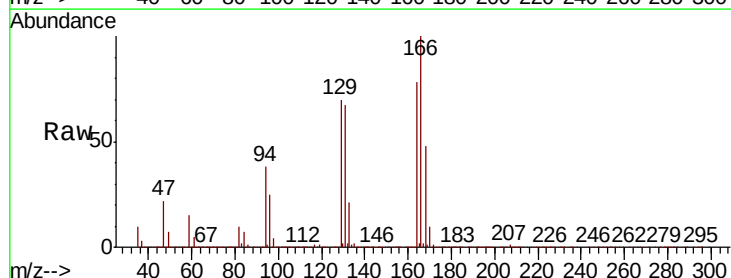
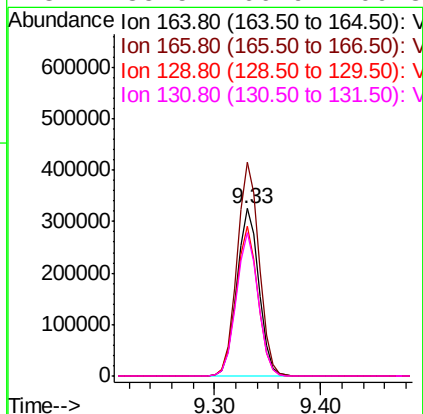
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

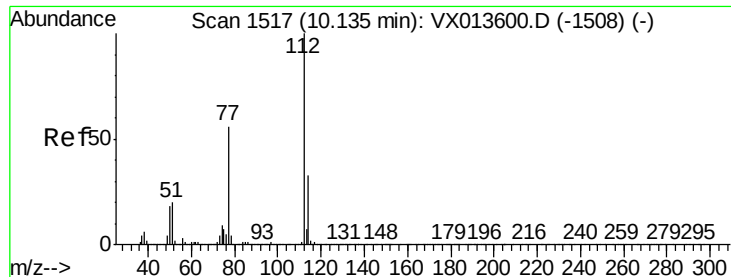
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 68.155 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	99.7	149.5
129	89.0	70.1	105.1
131	85.5	66.9	100.3





#65

Chlorobenzene

Concen: 47.721 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

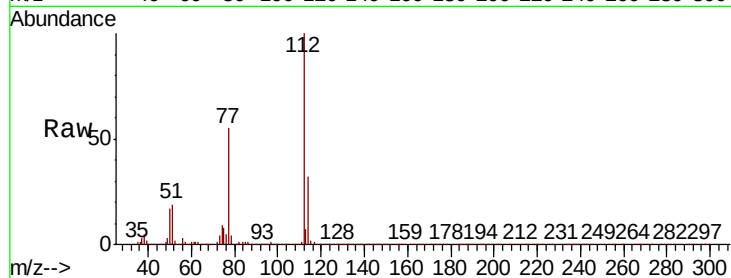
VSTDCCC050EC

Tot Ion:112 Resp: 921874

Ion Ratio Lower Upper

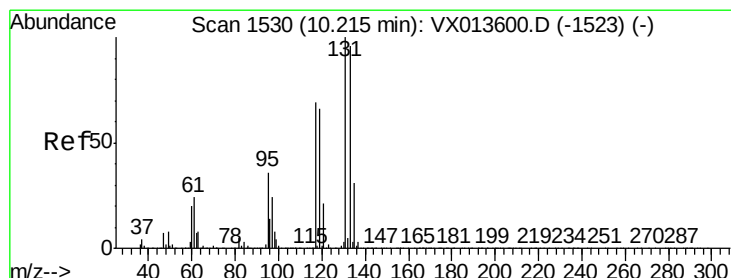
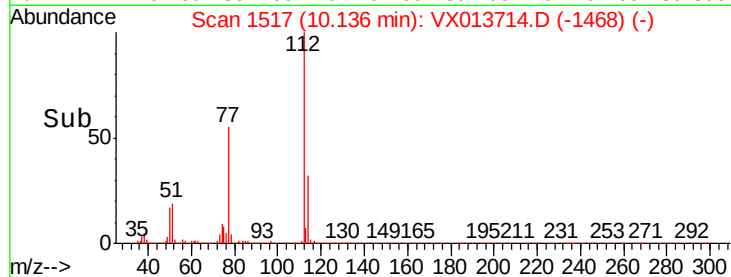
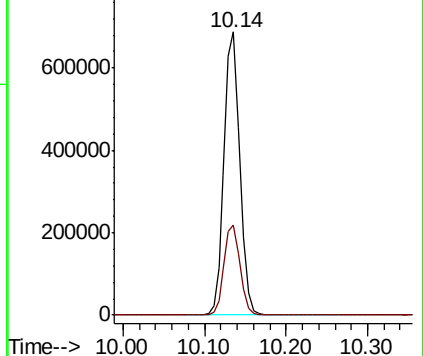
112 100

114 31.8 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.919 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

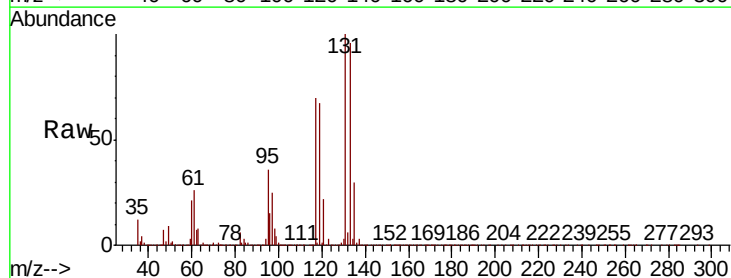
Tgt Ion:131 Resp: 339345

Ion Ratio Lower Upper

131 100

133 96.7 47.7 143.1

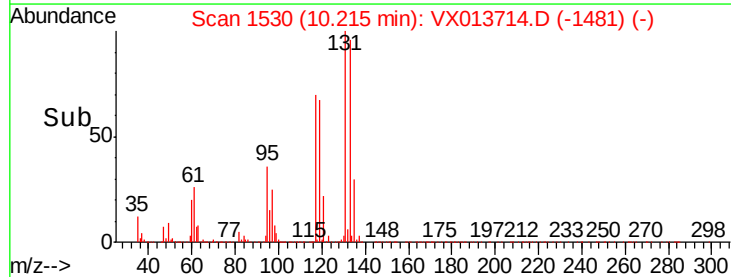
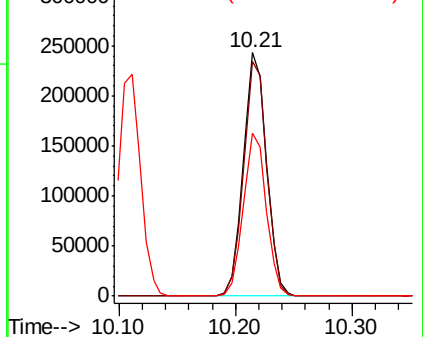
119 66.4 32.9 98.6

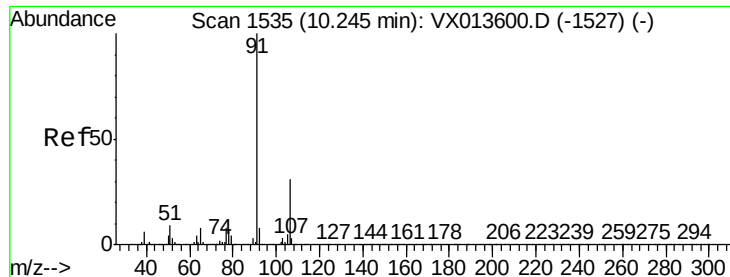


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.214 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

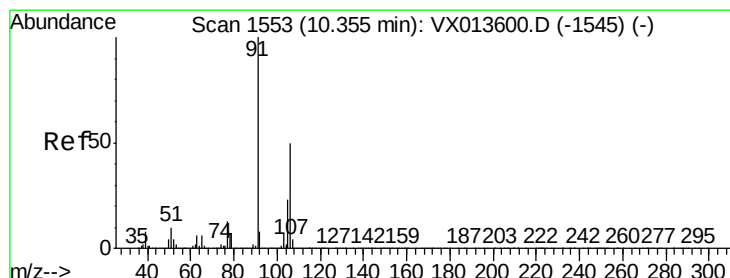
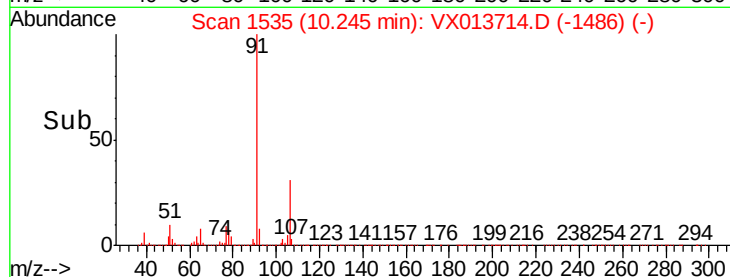
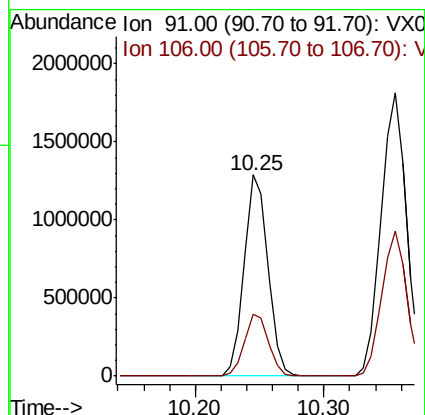
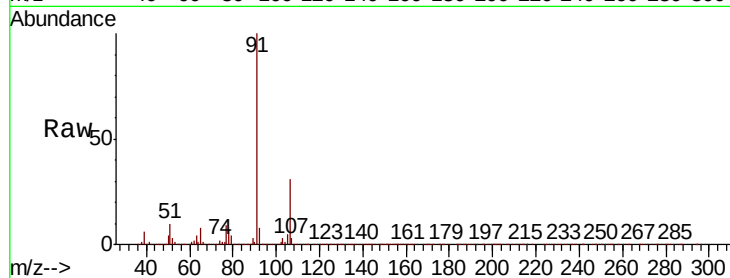
VSTDCCC050EC

Tot Ion: 91 Resp: 1633708

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 97.700 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013714.D

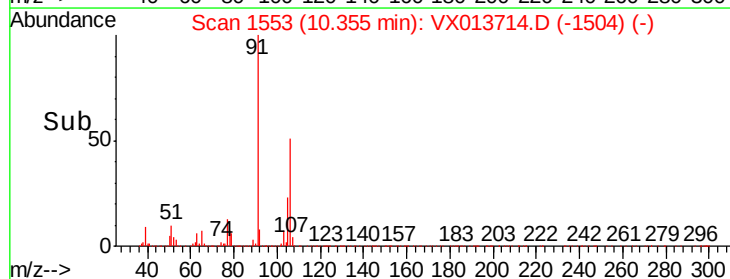
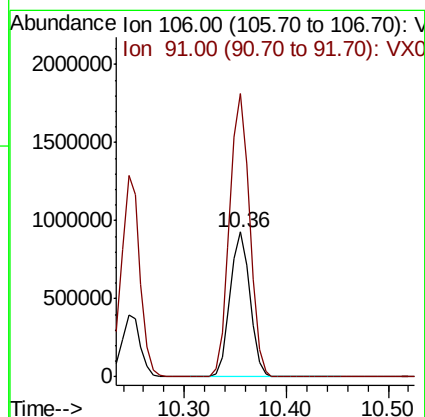
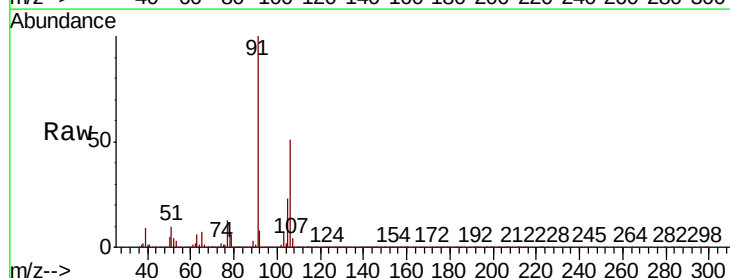
Acq: 29 Nov 2019 20:16

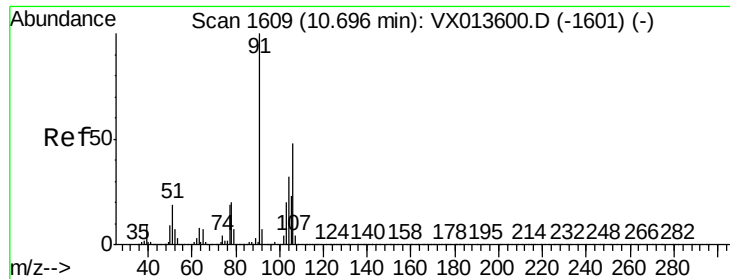
Tgt Ion: 106 Resp: 1241693

Ion Ratio Lower Upper

106 100

91 198.0 159.0 238.4

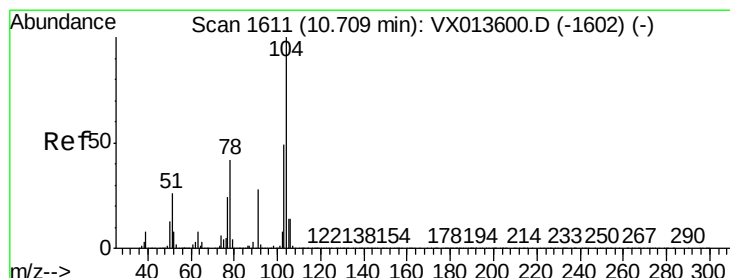
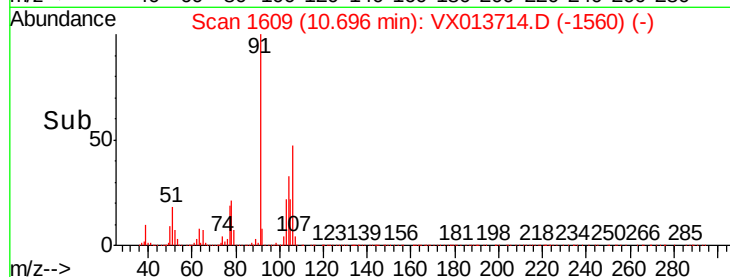
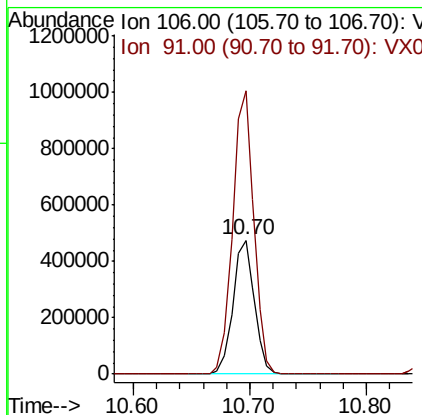
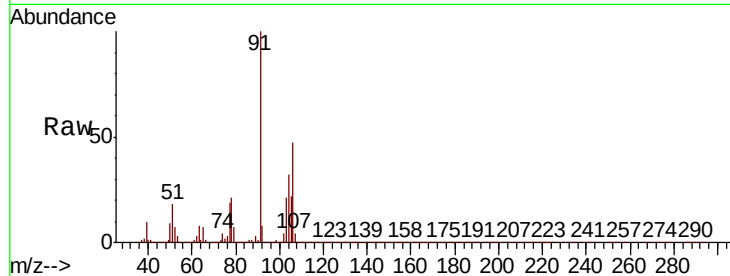




#69
o-Xylene
Concen: 48.847 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

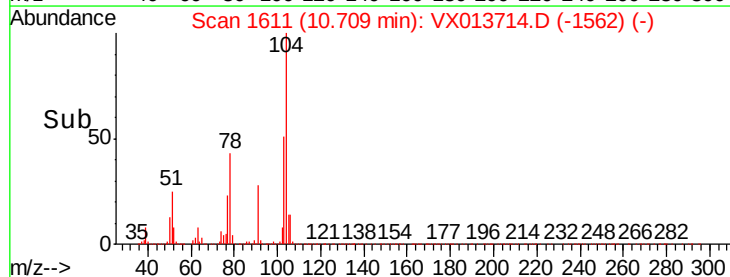
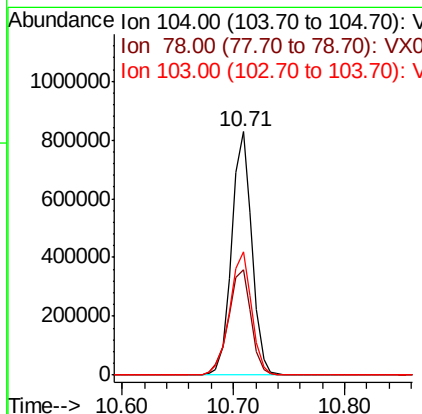
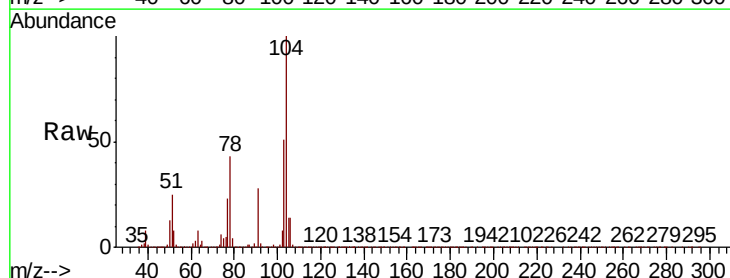
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

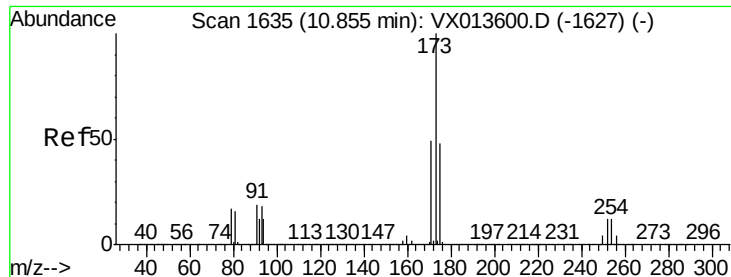
Tot Ion:106 Resp: 605471
Ion Ratio Lower Upper
106 100
91 209.9 104.1 312.2



#70
Styrene
Concen: 49.596 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion:104 Resp: 1034117
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 55.1 43.7 65.5





#71

Bromoform

Concen: 49.719 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

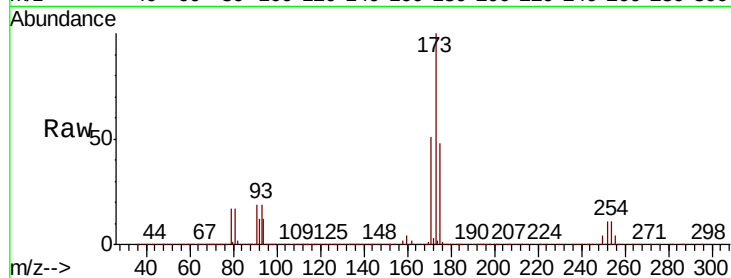
Tot Ion:173 Resp: 285375

Ion Ratio Lower Upper

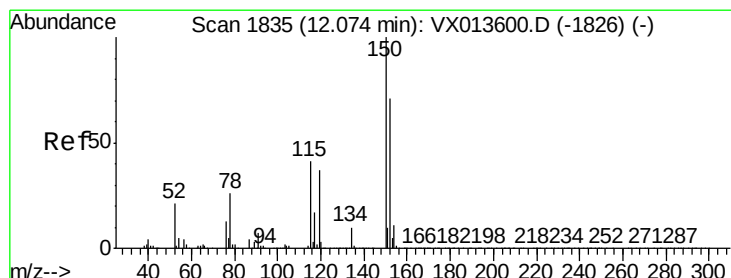
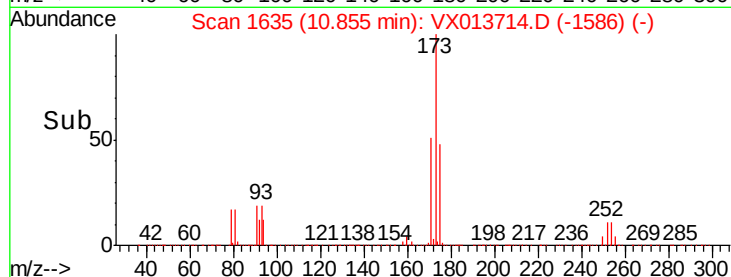
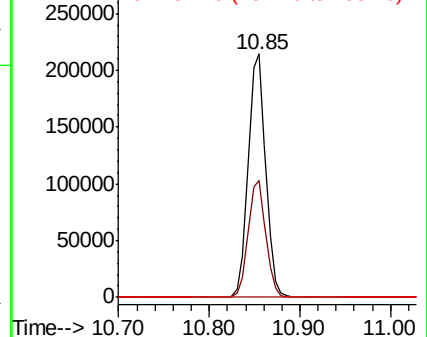
173 100

175 48.4 24.3 72.8

254 0.2 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

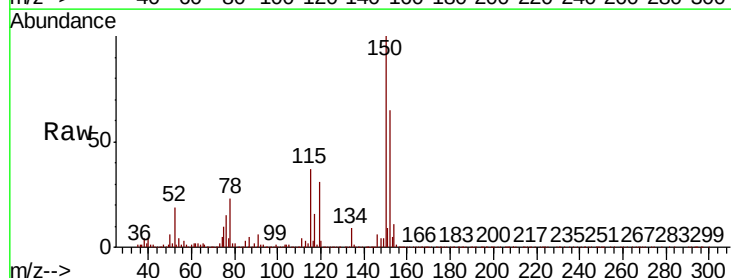
Tgt Ion:152 Resp: 472833

Ion Ratio Lower Upper

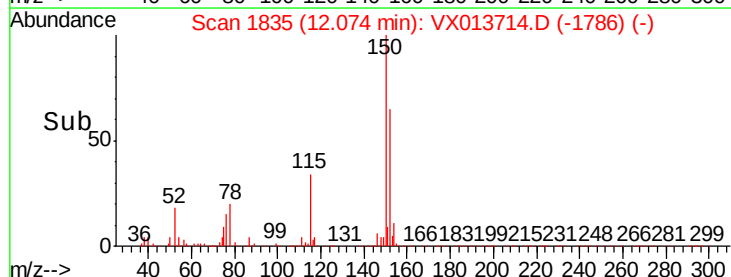
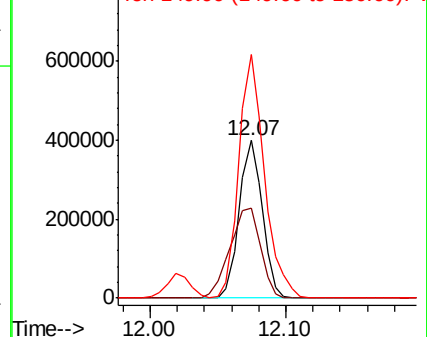
152 100

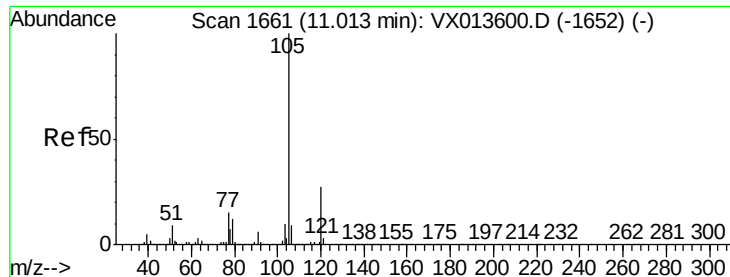
115 75.5 38.4 115.1

150 171.2 0.0 346.8



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





#73

Isopropylbenzene

Concen: 48.089 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

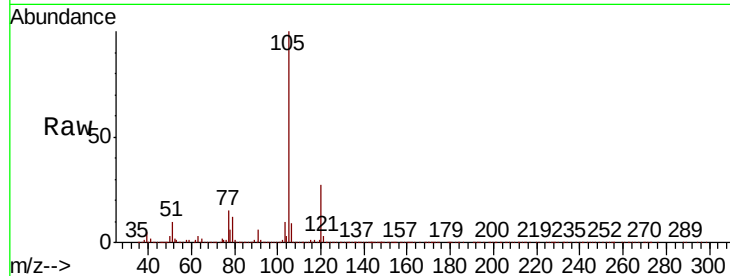
VSTDCCC050EC

Tot Ion:105 Resp: 1594995

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

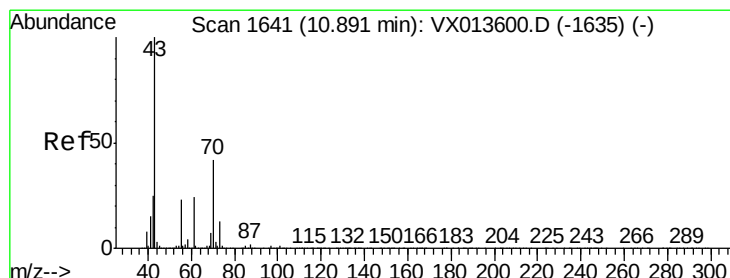
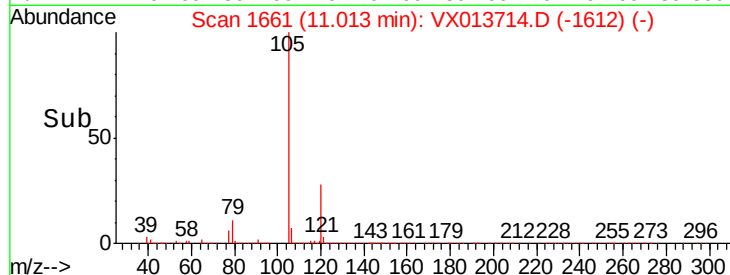
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 48.263 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Tgt Ion: 43 Resp: 733295

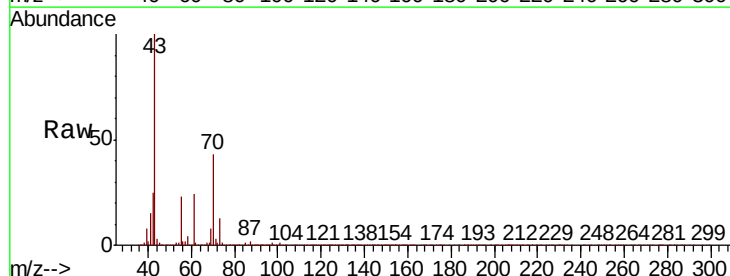
Ion Ratio Lower Upper

43 100

70 43.7 34.3 51.5

55 24.0 18.5 27.7

61 25.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 Ion 70.00 (69.70 to 70.70): VX0

800000 Ion 55.00 (54.70 to 55.70): VX0

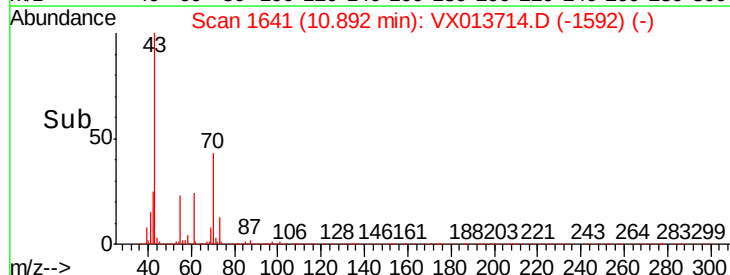
600000 Ion 61.00 (60.70 to 61.70): VX0

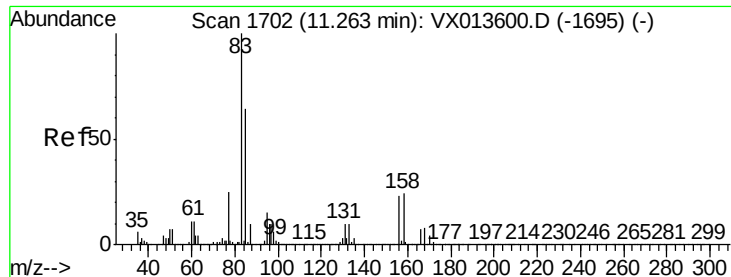
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.228 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

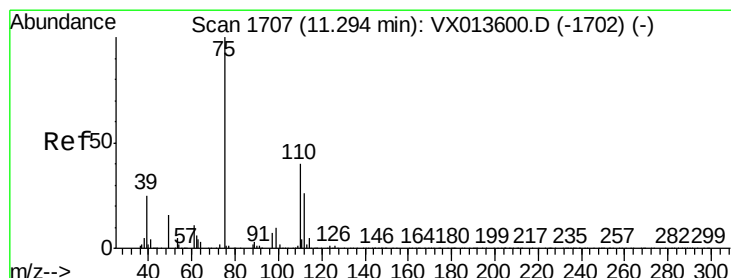
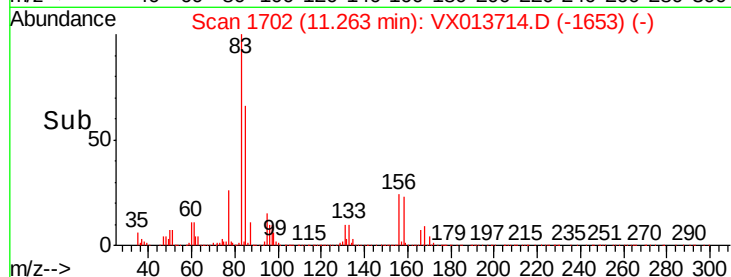
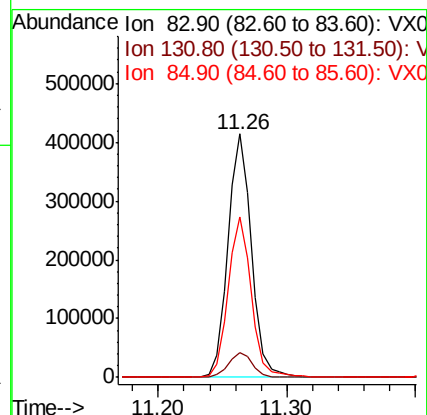
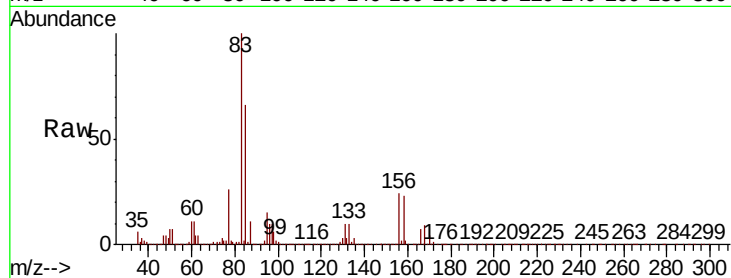
Tot Ion: 83 Resp: 531724

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 65.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 58.126 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013714.D

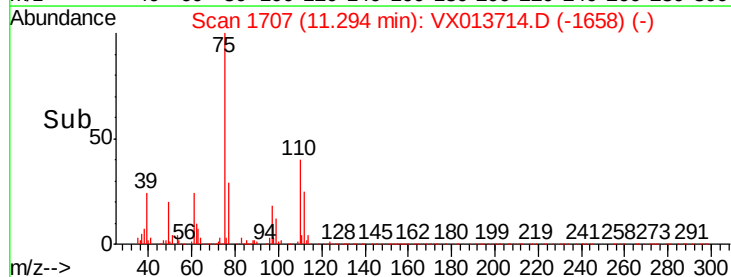
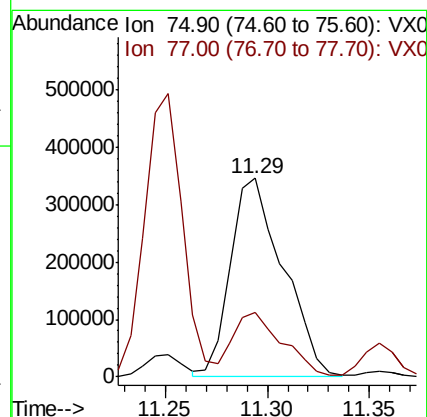
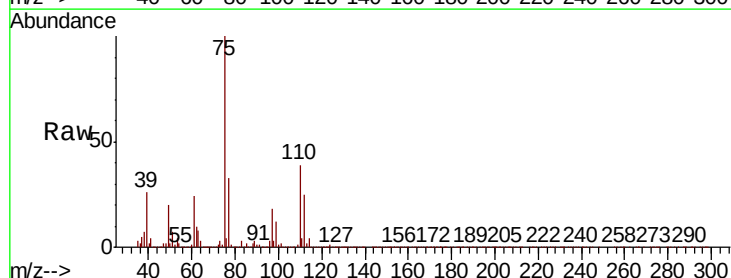
Acq: 29 Nov 2019 20:16

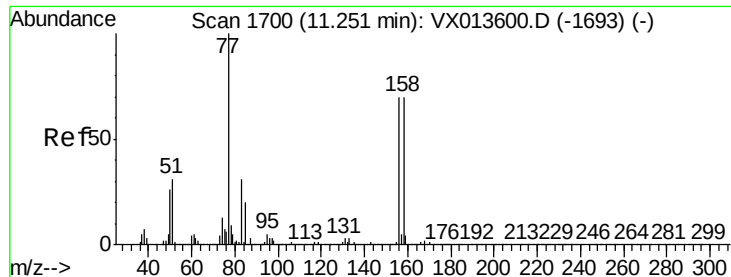
Tgt Ion: 75 Resp: 618165

Ion Ratio Lower Upper

75 100

77 30.4 19.1 57.5





#77

Bromobenzene

Concen: 46.846 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

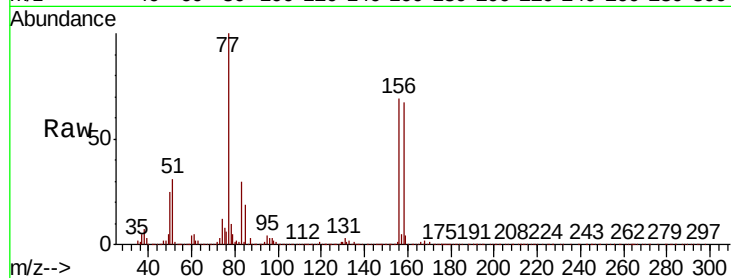
Tot Ion:156 Resp: 419757

Ion Ratio Lower Upper

156 100

77 151.8 74.4 223.1

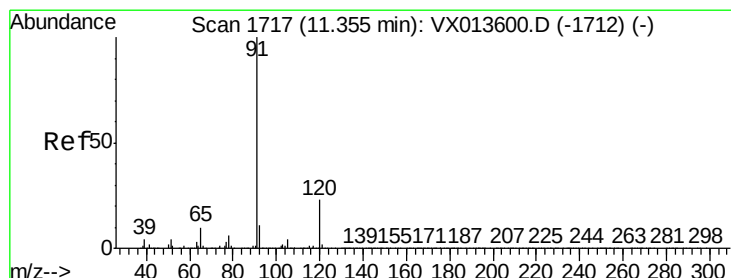
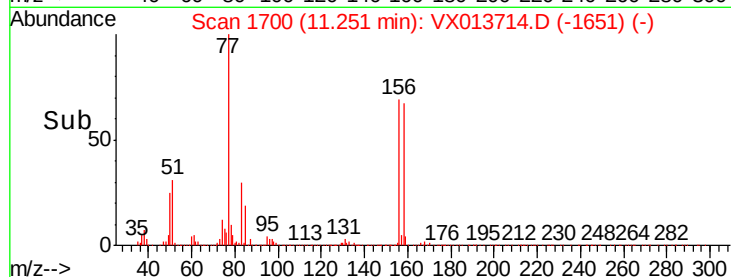
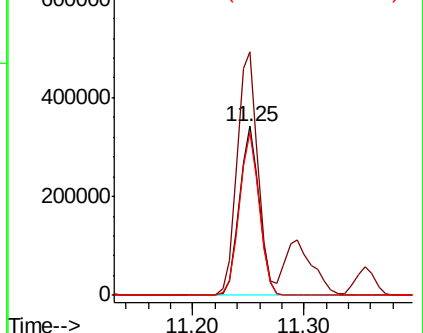
158 97.0 48.9 146.6



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: 48.569 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013714.D

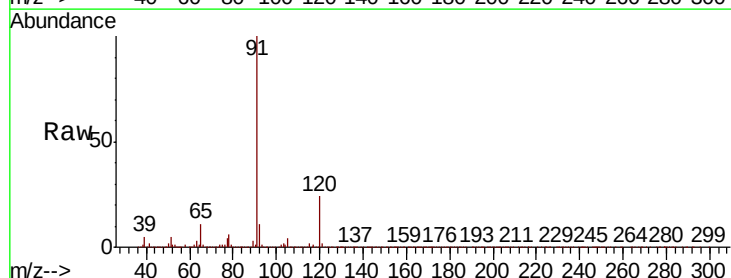
Acq: 29 Nov 2019 20:16

Tgt Ion: 91 Resp: 1798276

Ion Ratio Lower Upper

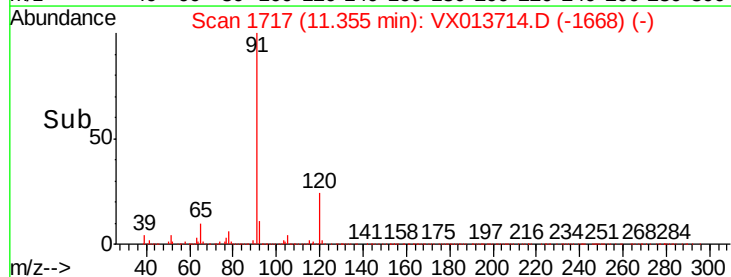
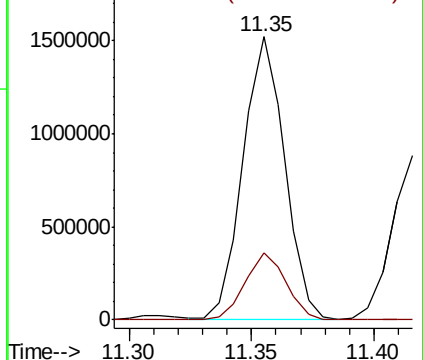
91 100

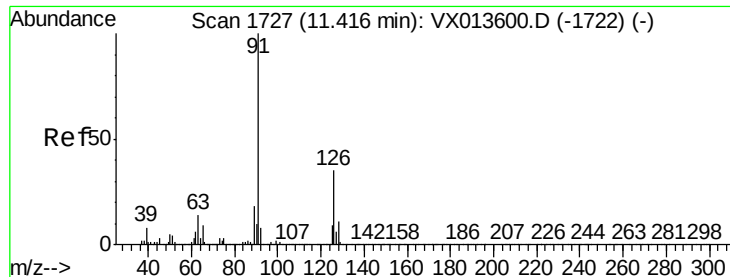
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.820 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

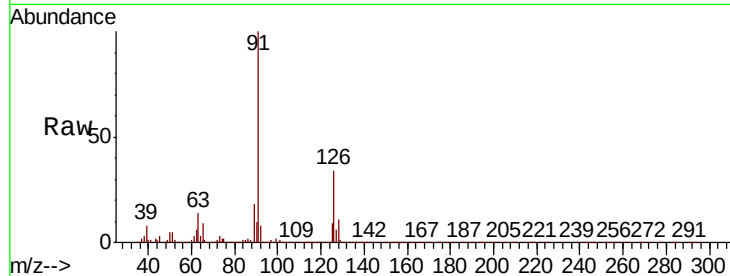
VSTDCCC050EC

Tot Ion: 91 Resp: 1062100

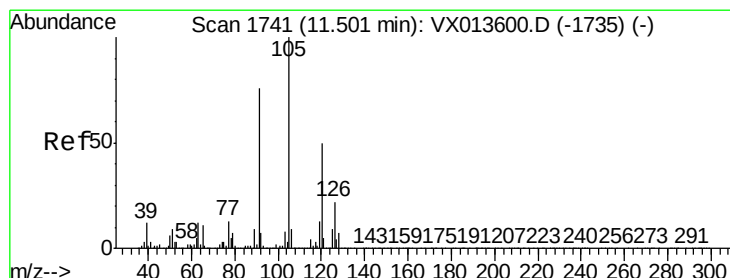
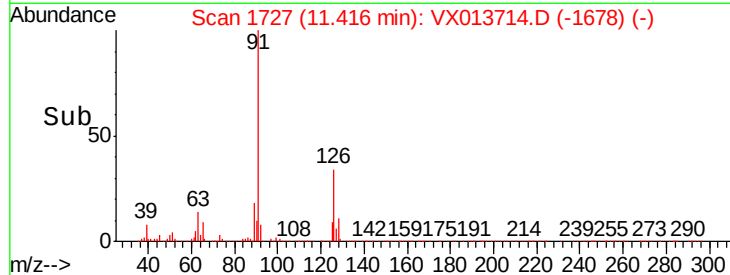
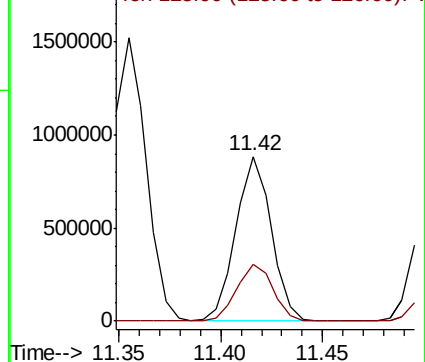
Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013714.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.789 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013714.D

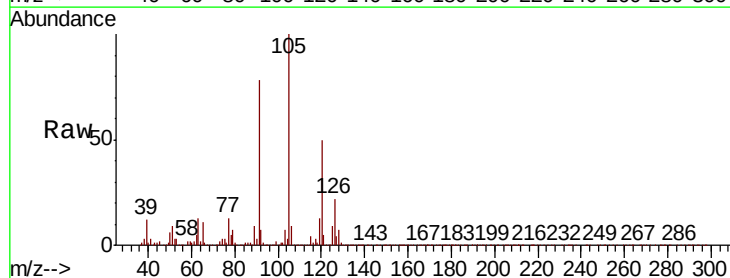
Acq: 29 Nov 2019 20:16

Tgt Ion: 105 Resp: 1326271

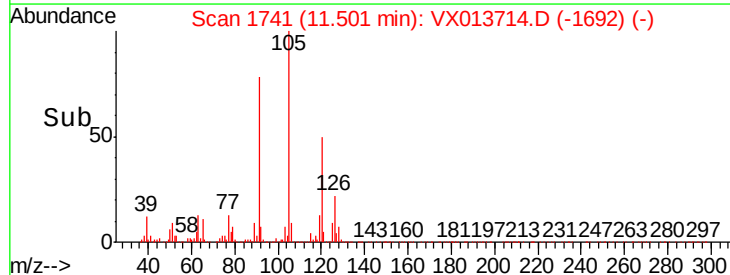
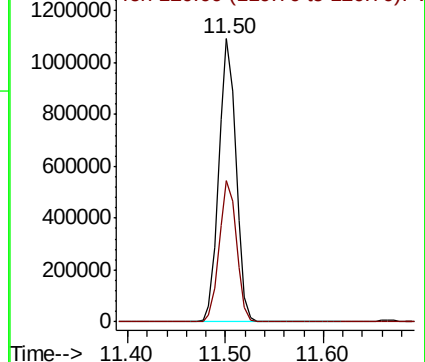
Ion Ratio Lower Upper

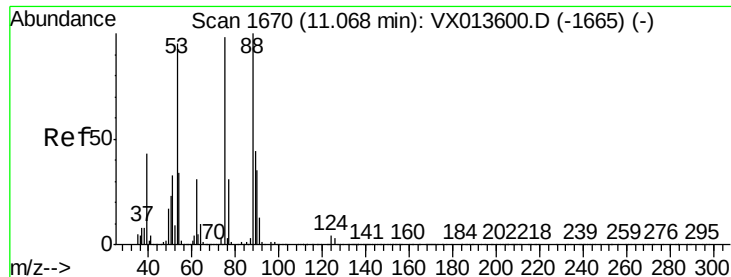
105 100

120 50.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013714.D (-1692) (-)

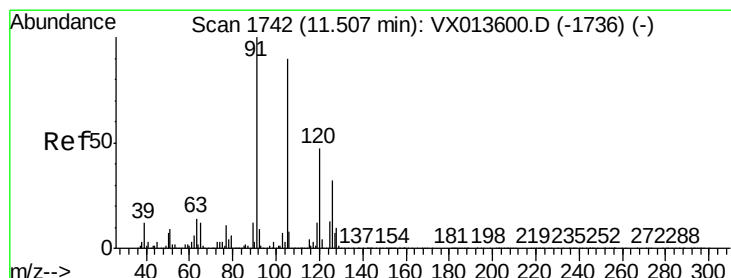
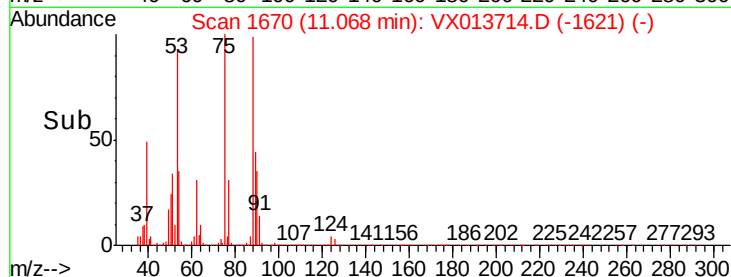
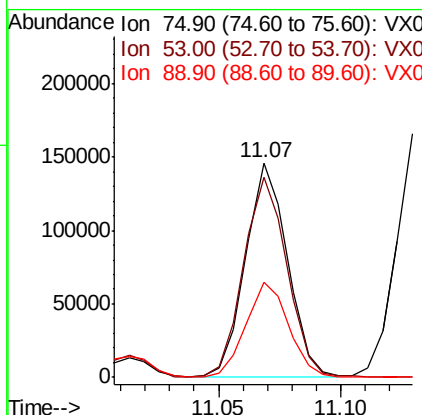
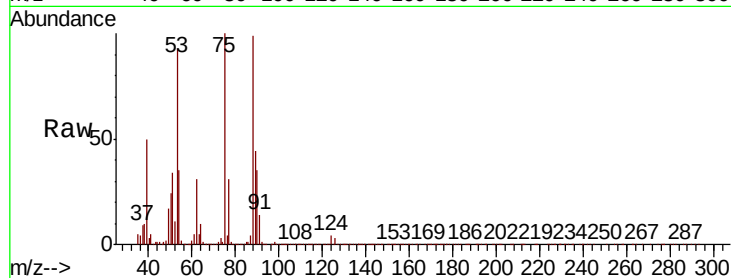




#81
trans-1,4-Dichloro-2-butene
Concen: 44.571 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

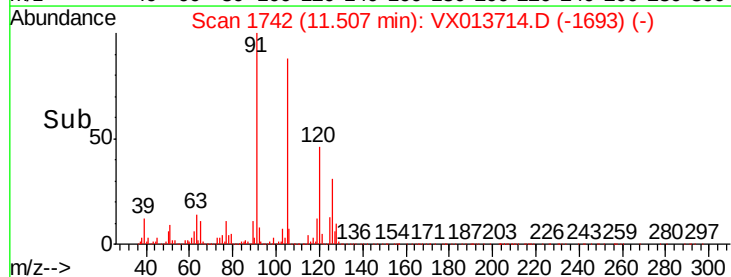
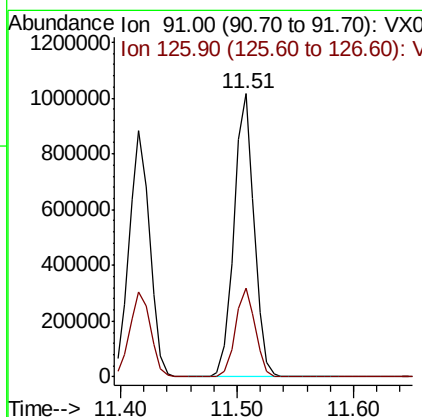
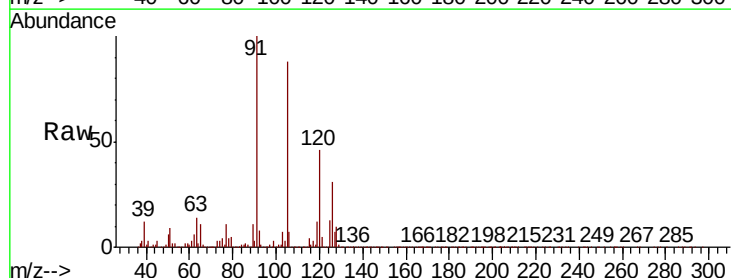
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

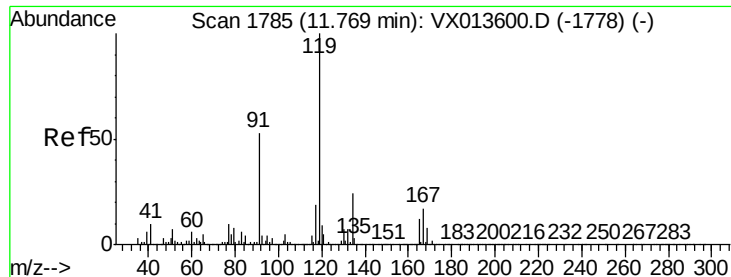
Tot Ion: 75 Resp: 173258
Ion Ratio Lower Upper
75 100
53 97.6 78.2 117.2
89 45.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 47.578 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 91 Resp: 1223907
Ion Ratio Lower Upper
91 100
126 30.9 15.7 47.0

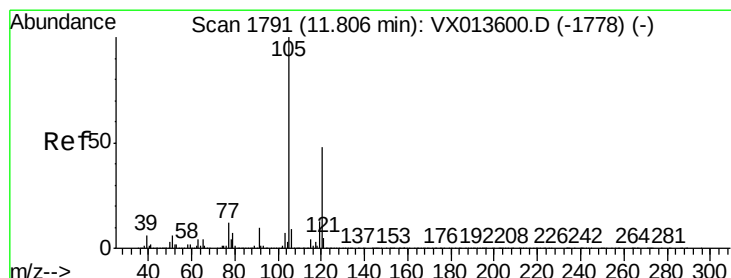
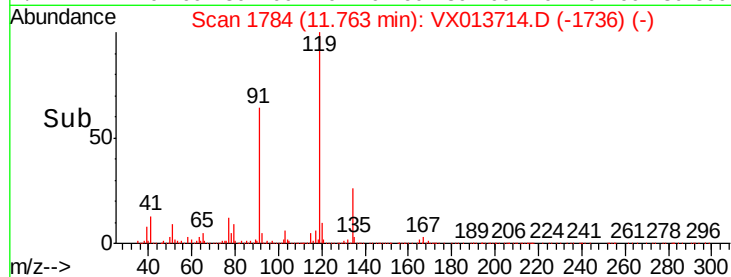
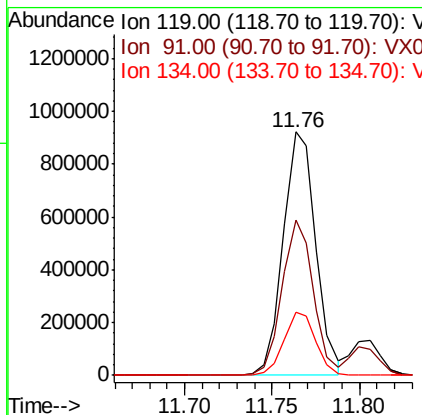
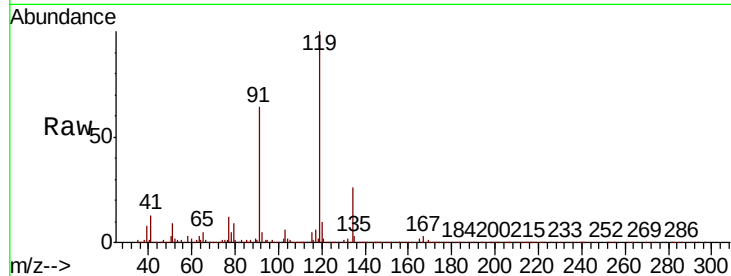




#83
 tert-Butylbenzene
 Concen: 43.341 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

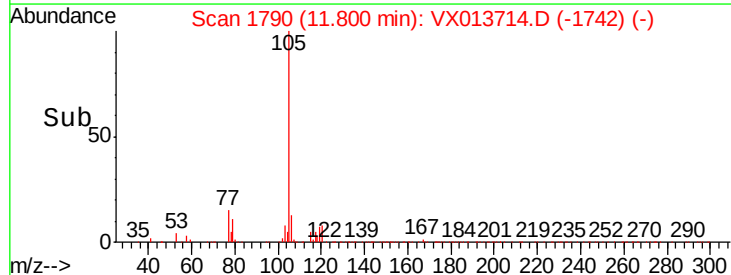
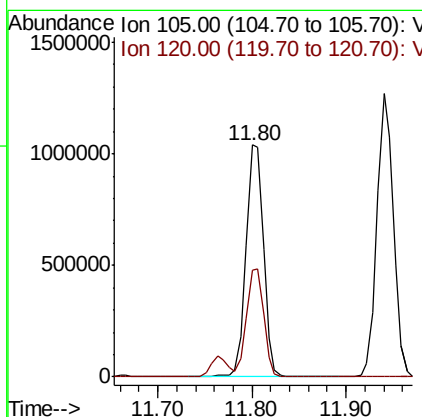
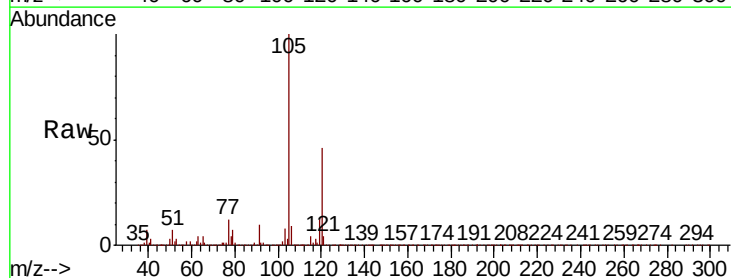
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

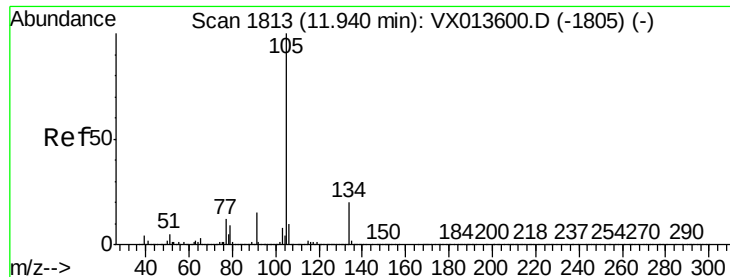
Tot Ion:119 Resp: 1197359
 Ion Ratio Lower Upper
 119 100
 91 61.5 27.2 81.6
 134 25.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.694 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion:105 Resp: 1343396
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3

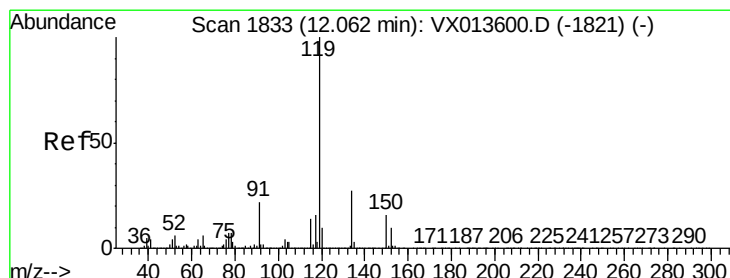
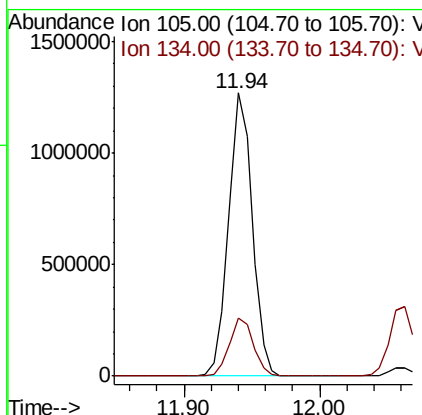
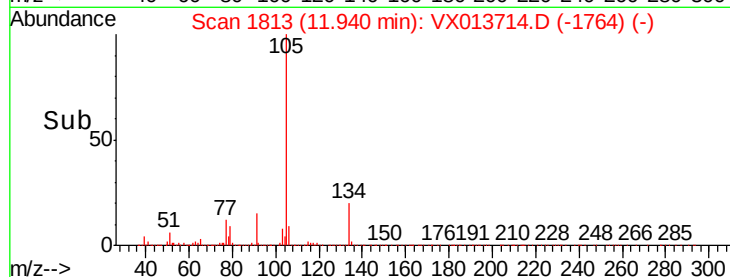
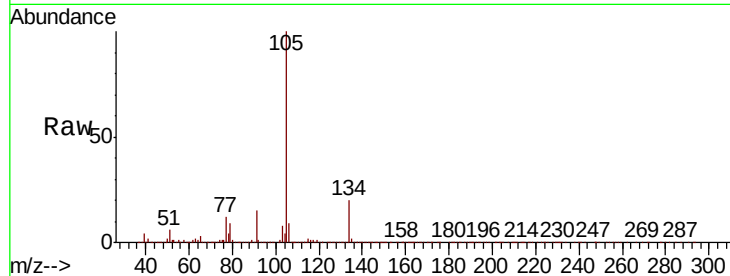




#85
 sec-Butylbenzene
 Concen: 48.657 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

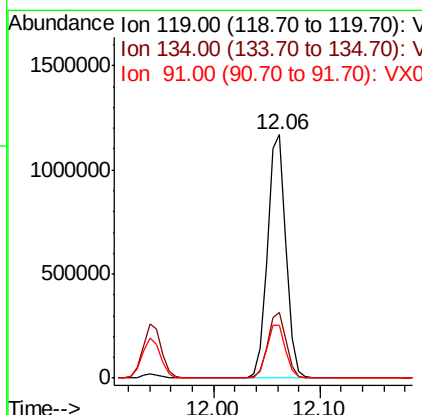
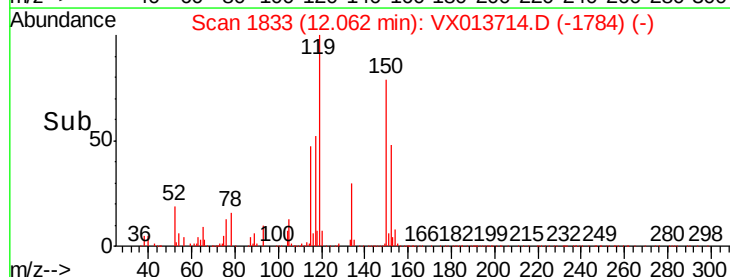
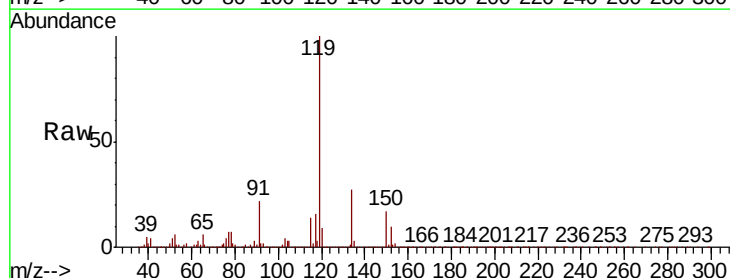
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

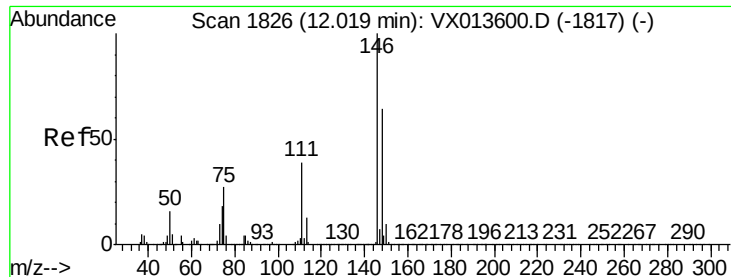
Tot Ion:105 Resp: 1535388
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.271 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion:119 Resp: 1417041
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 22.4 11.3 33.8

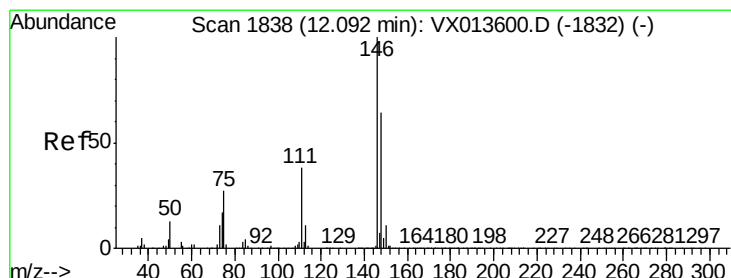
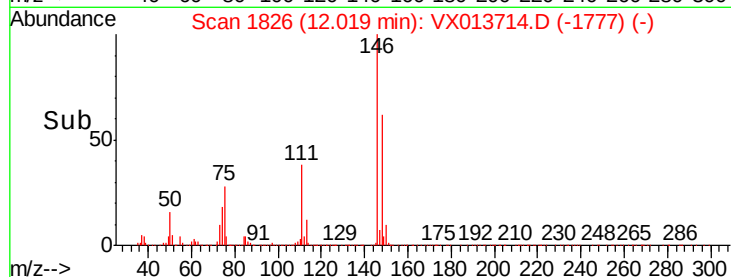
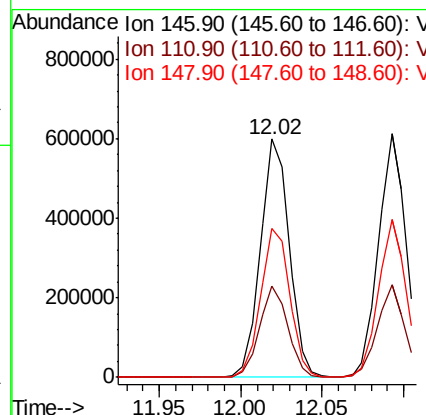
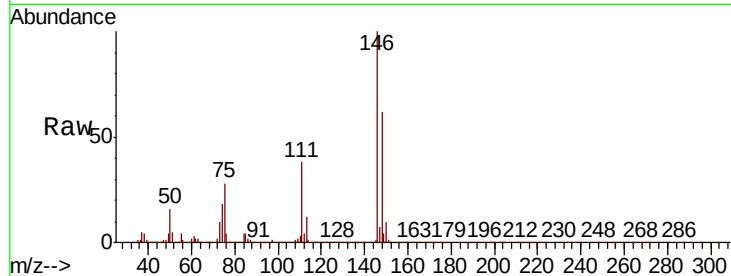




#87
 1,3-Dichlorobenzene
 Concen: 47.182 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

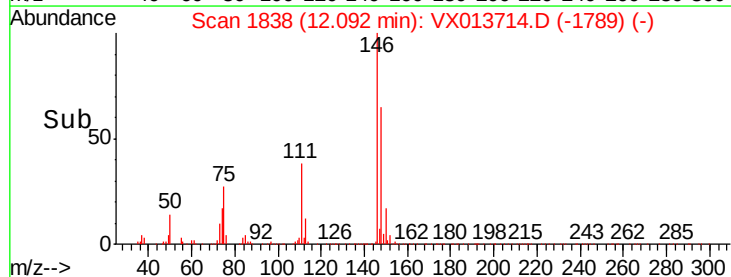
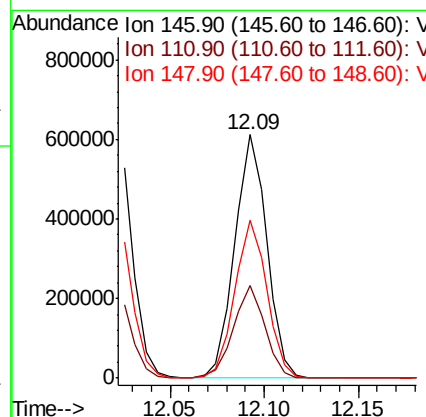
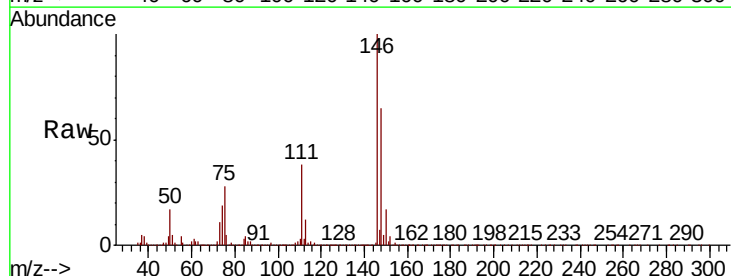
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

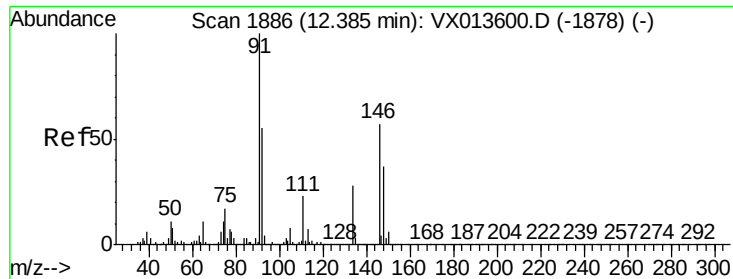
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.6	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 45.478 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	64.7	31.9	95.5

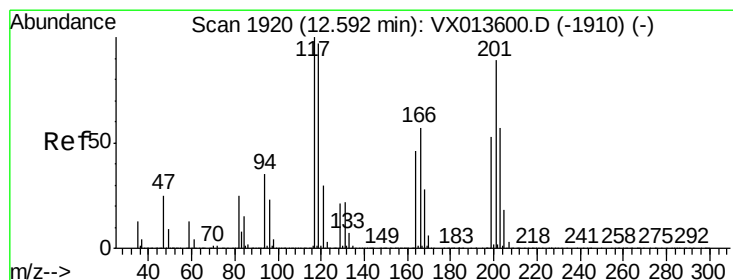
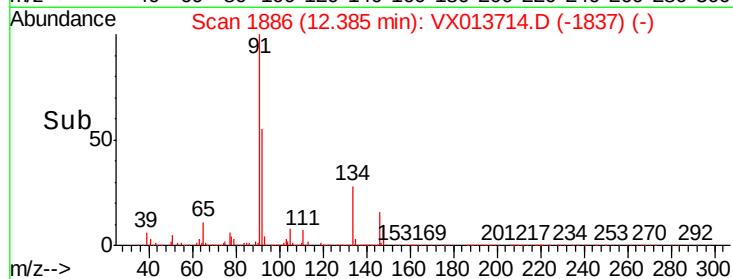
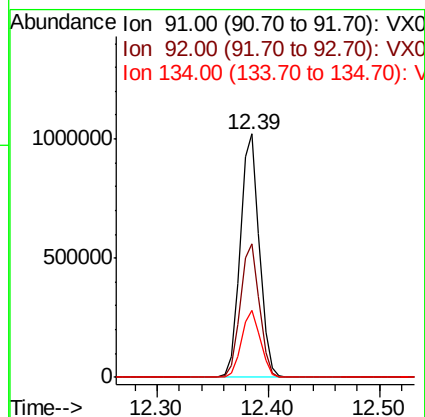
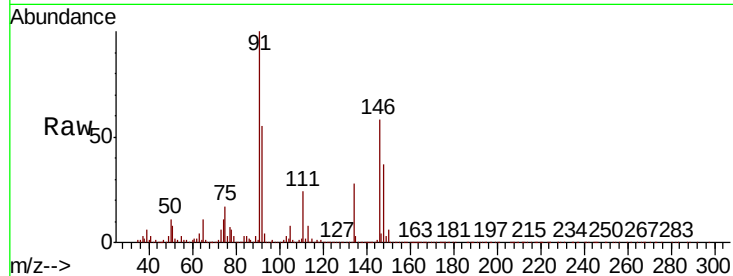




#89
n-Butylbenzene
Concen: 47.978 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

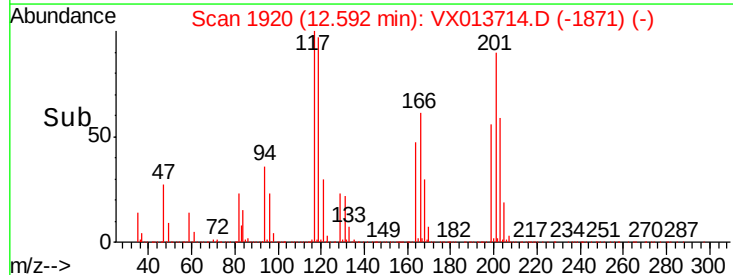
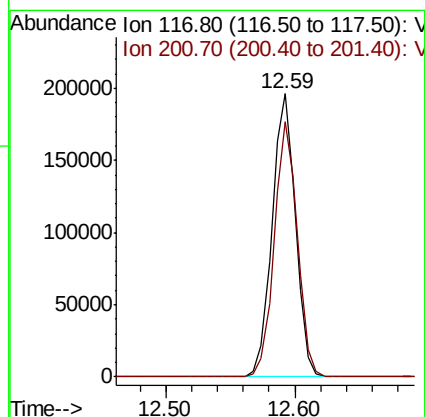
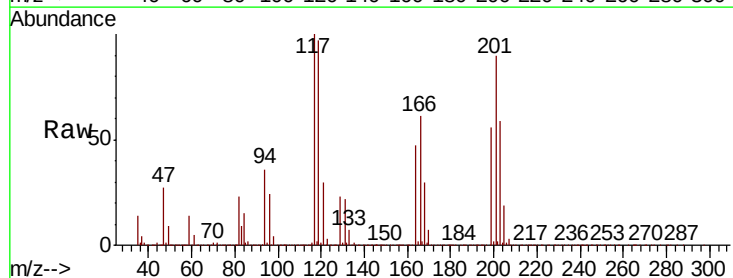
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

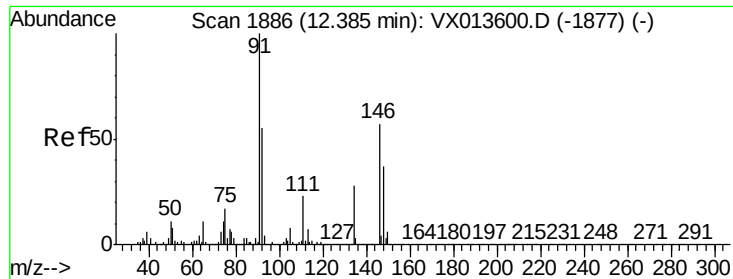
Tot Ion: 91 Resp: 1201265
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.2
134 27.4 13.5 40.4



#90
Hexachloroethane
Concen: 46.909 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion: 117 Resp: 248908
Ion Ratio Lower Upper
117 100
201 88.6 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 47.558 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

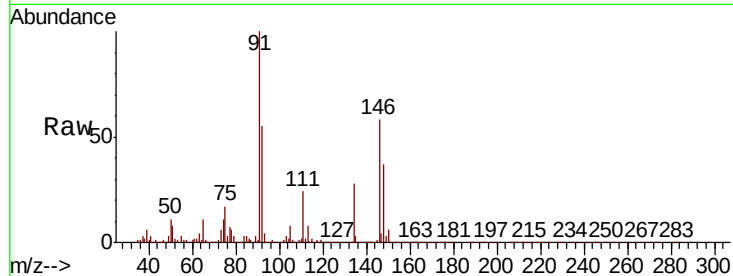
Tot Ion:146 Resp: 733933

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

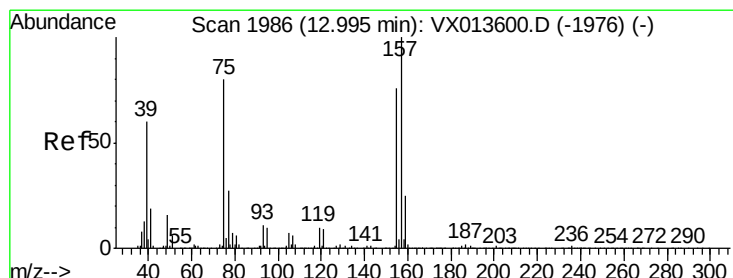
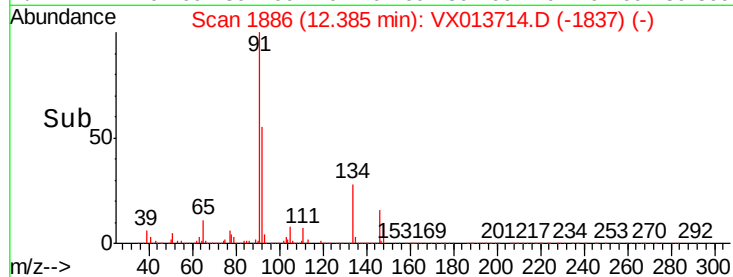
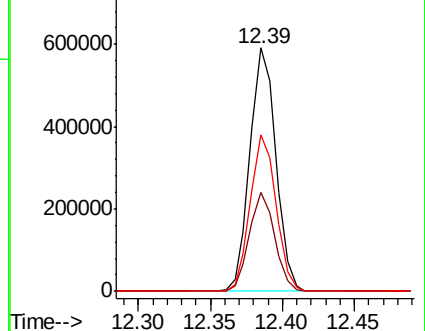
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.532 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013714.D

Acq: 29 Nov 2019 20:16

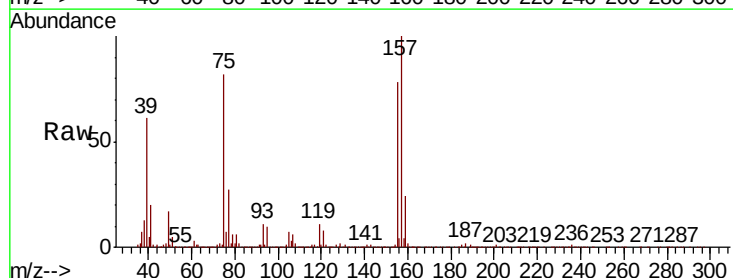
Tgt Ion: 75 Resp: 119057

Ion Ratio Lower Upper

75 100

155 95.7 47.6 142.8

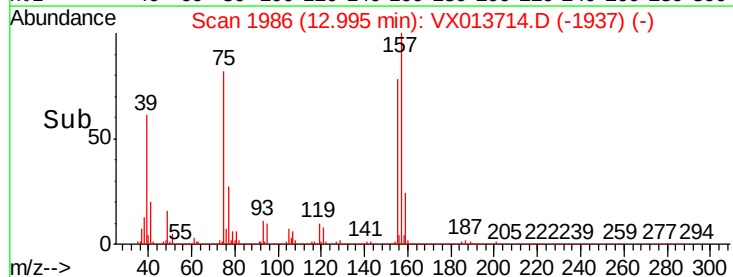
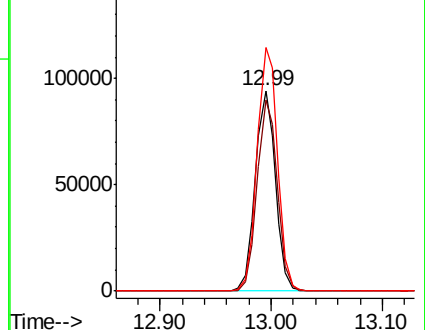
157 123.3 62.1 186.2

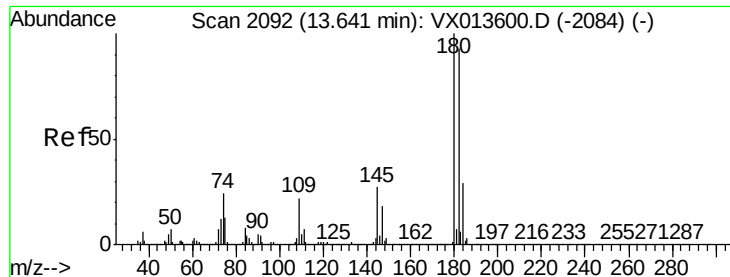


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

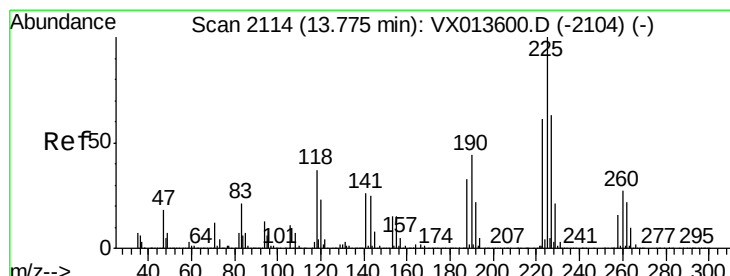
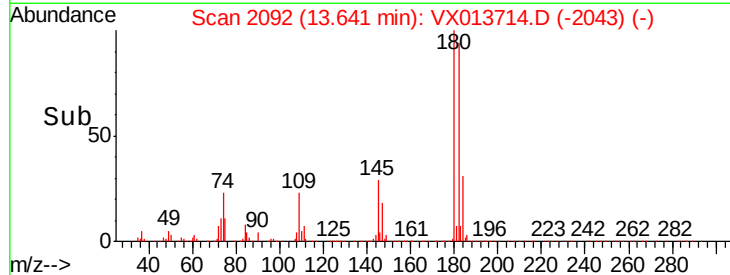
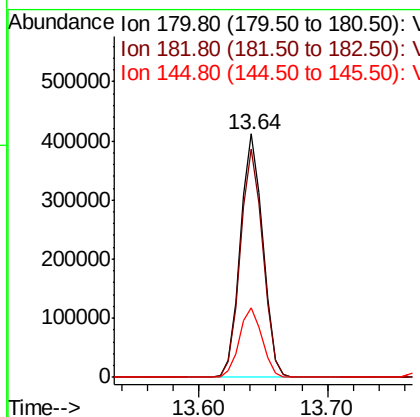
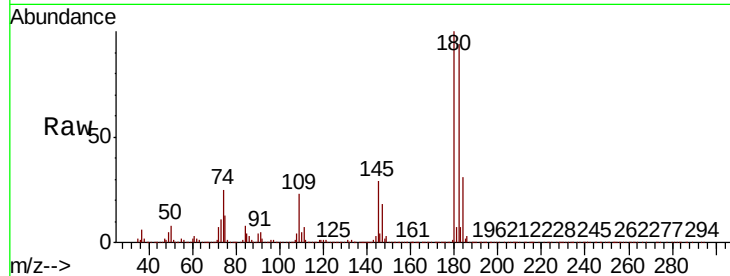




#93
 1,2,4-Trichlorobenzene
 Concen: 46.325 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

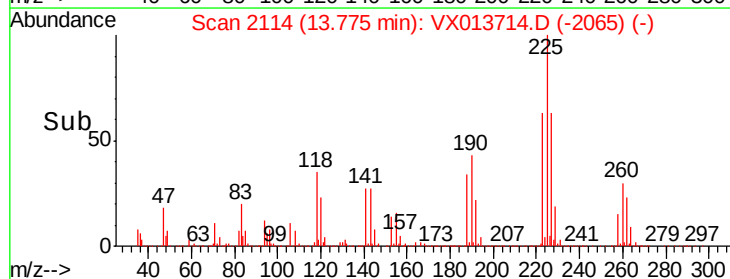
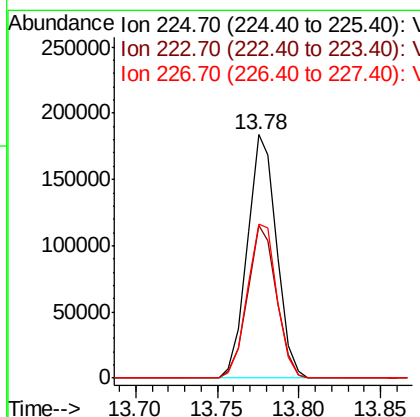
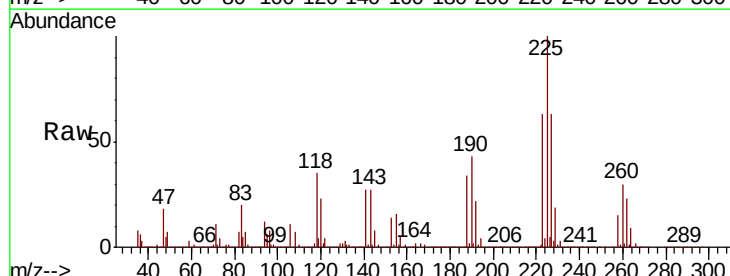
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

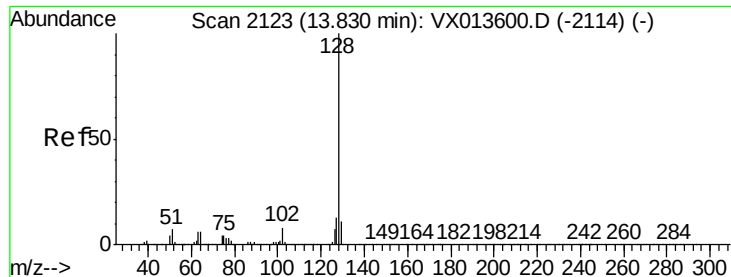
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.2	141.6
145	28.7	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 44.529 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013714.D
 Acq: 29 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	64.0	32.1	96.3

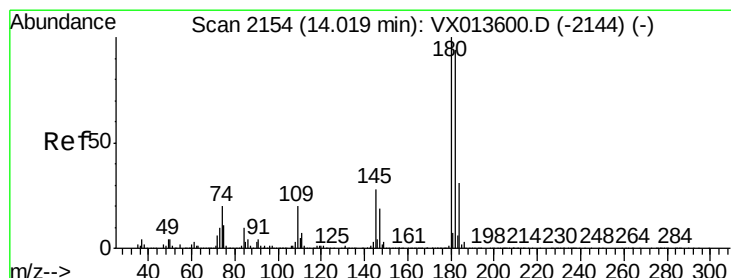
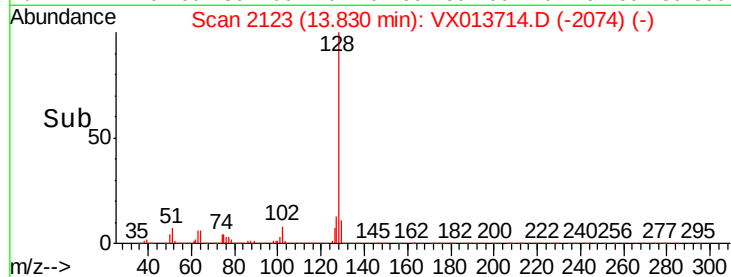
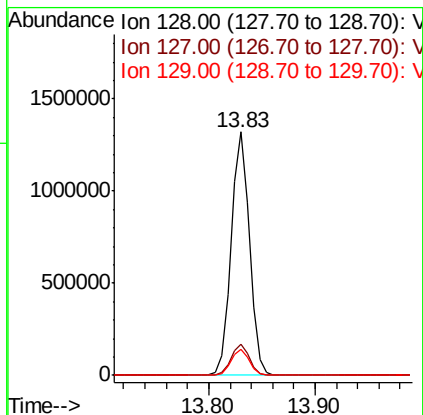
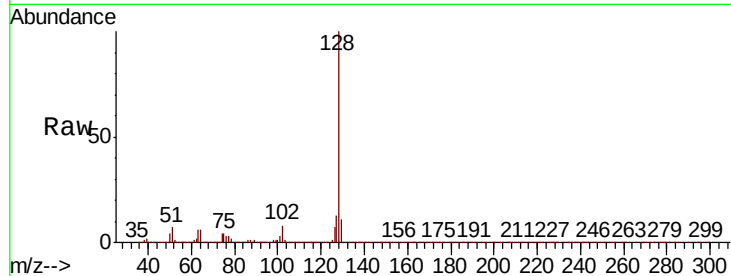




#95
Naphthalene
Concen: 49.693 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1591665
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.841 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013714.D
Acq: 29 Nov 2019 20:16

Tgt Ion:180 Resp: 509463
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.8
145 29.5 15.0 45.0

