

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013547.D
 Acq On : 22 Nov 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 22 22:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	110785	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	617051	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	559234	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	237095	28.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.60%
60) 4-Bromofluorobenzene	11.14	95	267822	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	8.71	98	767019	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	157680	18.996	ug/l 96
3) Chloromethane	1.32	50	168370	18.612	ug/l 99
4) Vinyl Chloride	1.40	62	195217	18.991	ug/l 100
5) Bromomethane	1.63	94	106472	17.229	ug/l 100
6) Chloroethane	1.72	64	104105	18.424	ug/l 97
7) Trichlorofluoromethane	1.92	101	207536	18.754	ug/l 99
8) Diethyl Ether	2.18	74	96073	19.014	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124965	18.769	ug/l 98
10) 1,1-Dichloroethene	2.36	96	129515	18.929	ug/l 96
11) Methyl Iodide	2.50	142	143752	17.015	ug/l 99
12) Methyl Acetate	2.76	43	238019	19.853	ug/l 96
13) Acrolein	2.28	56	111601	87.631	ug/l 98
14) Acrylonitrile	3.13	53	417821	94.771	ug/l 99
15) Acetone	2.43	58	110073	82.435	ug/l 93
16) Carbon Disulfide	2.56	76	337210	17.670	ug/l 99
17) Allyl chloride	2.72	41	223251	17.718	ug/l 98
18) Methylene Chloride	2.85	84	150625	19.403	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	139855	19.126	ug/l 96
20) Diisopropyl ether	3.84	45	456180	18.819	ug/l # 83
21) 1,1-Dichloroethane	3.69	63	244918	18.550	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	157422	18.883	ug/l 96
23) tert-Butyl Alcohol	3.03	59	182008	85.784	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	431322	19.047	ug/l 100
25) Chloroform	5.20	83	238693	18.469	ug/l 97
26) Cyclohexane	5.57	56	219916	18.341	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	180840	19.188	ug/l 99
30) 2-Butanone	4.66	43	579457	93.147	ug/l 100
31) 2,2-Dichloropropane	4.58	77	166716	16.334	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	202865	19.365	ug/l 98
33) Carbon Tetrachloride	5.78	117	172302	18.936	ug/l 97
34) Benzene	6.14	78	564754	19.756	ug/l 99
35) Methacrylonitrile	5.03	41	126870	20.423	ug/l 93
36) 1,2-Dichloroethane	6.18	62	195420	19.530	ug/l 100
37) Trichloroethene	7.21	130	158667	20.718	ug/l 99
38) Methylcyclohexane	7.45	83	221494	19.167	ug/l 99
39) 1,2-Dichloropropane	7.51	63	146580	19.830	ug/l 91
40) Dibromomethane	7.65	93	94280	19.166	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	182184	18.972	ug/l	99
42) Vinyl Acetate	3.80	43	1508325	77.012	ug/l	99
43) Ethyl Acetate	4.82	43	214095	18.870	ug/l	96
44) Isopropyl Acetate	6.43	43	351866	19.293	ug/l	99
45) 1,4-Dioxane	7.73	88	74851	371.731	ug/l	98
46) Methyl methacrylate	7.76	41	174826	19.271	ug/l	99
47) n-amyl Acetate	10.89	43	301909	18.872	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	191474	17.782	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	219199	18.578	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	145423	19.978	ug/l	96
51) Ethyl methacrylate	9.17	69	229568	19.154	ug/l	100
52) 1,3-Dichloropropane	9.37	76	247851	19.917	ug/l	99
53) Dibromochloromethane	9.57	129	145159	18.815	ug/l	97
54) 1,2-Dibromoethane	9.67	107	152397	19.579	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	468077	91.403	ug/l	98
56) Bromoform	10.85	173	109750	17.876	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1140296	97.607	ug/l	99
59) 2-Hexanone	9.48	43	886472	95.902	ug/l	99
61) Tetrachloroethene	9.33	164	210720	30.557	ug/l	97
62) Toluene	8.78	91	608391	19.531	ug/l	100
64) Chlorobenzene	10.14	112	378234	19.419	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	141003	19.340	ug/l	97
66) Ethyl Benzene	10.25	91	662097	19.347	ug/l	99
67) m/p-Xylenes	10.35	106	505489	38.292	ug/l	100
68) o-Xylene	10.70	106	249521	19.586	ug/l	96
69) Styrene	10.71	104	413801	19.022	ug/l	99
70) Isopropylbenzene	11.01	105	652560	19.439	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	219609	18.270	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	255689	25.193	ug/l	78
73) Bromobenzene	11.25	156	169103	19.101	ug/l	99
74) n-propylbenzene	11.35	91	737939	19.343	ug/l	100
75) 2-Chlorotoluene	11.42	91	440212	19.404	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	543746	19.270	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	65004	15.840	ug/l	96
78) 4-Chlorotoluene	11.51	91	497110	19.125	ug/l	99
79) tert-butylbenzene	11.76	119	472744	16.605	ug/l	91
80) 1,2,4-Trimethylbenzene	11.80	105	550229	19.568	ug/l	98
81) sec-Butylbenzene	11.94	105	620582	19.105	ug/l	99
82) p-Isopropyltoluene	12.06	119	567804	18.973	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	295971	19.016	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	293148	18.975	ug/l	99
85) n-Butylbenzene	12.39	91	479368	18.559	ug/l	99
86) Hexachloroethane	12.59	117	97422	17.739	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	298405	19.173	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	49715	18.495	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	205606	19.160	ug/l	98
90) Hexachlorobutadiene	13.78	225	97241	18.910	ug/l	97
91) Naphthalene	13.83	128	646582	19.030	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	206530	19.044	ug/l	98

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ALS Vial : 29 Sample Multiplier: 1

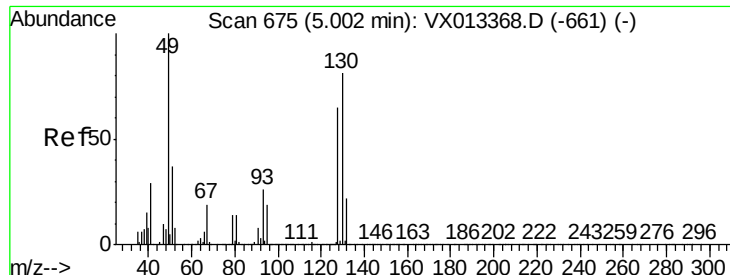
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: Nov 22 22:27:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

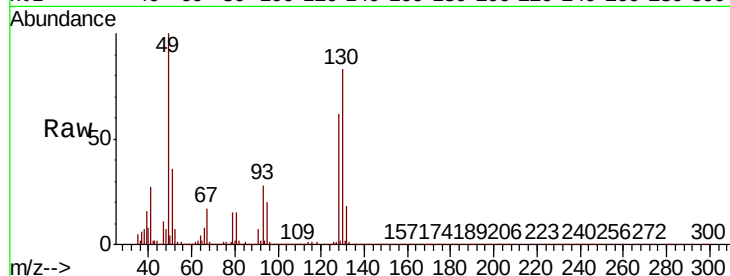
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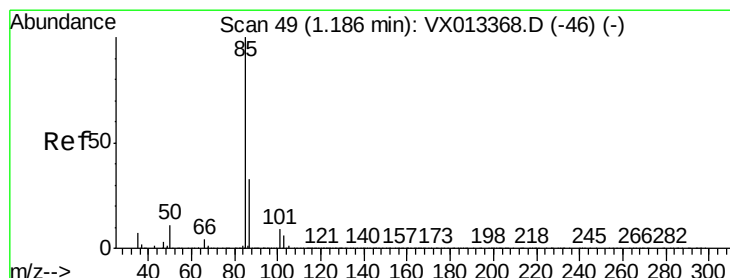
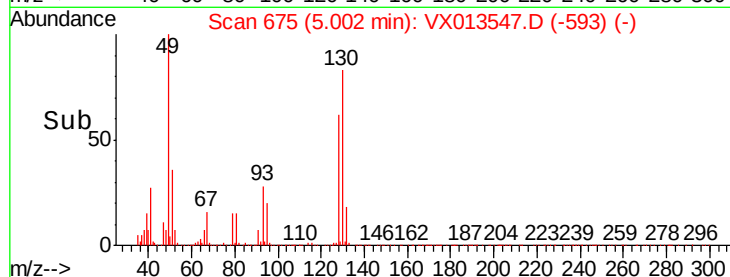
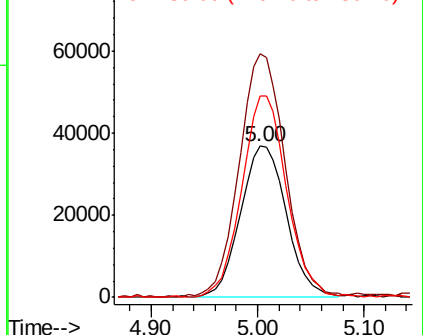
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	162.5	0.0	388.3
130	130.4	0.0	318.5

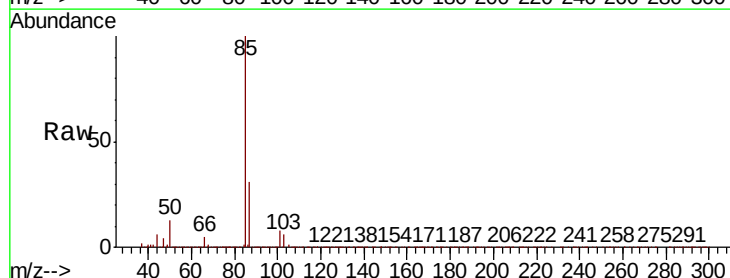


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

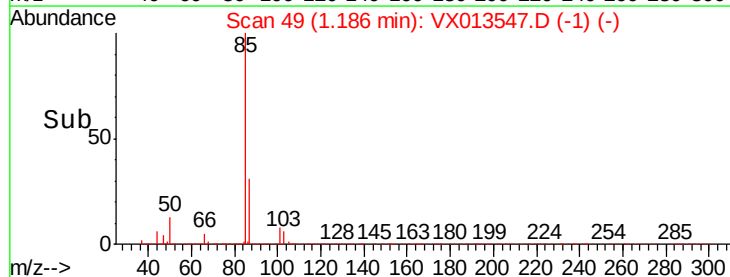
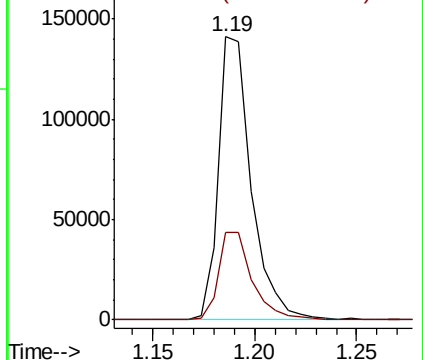


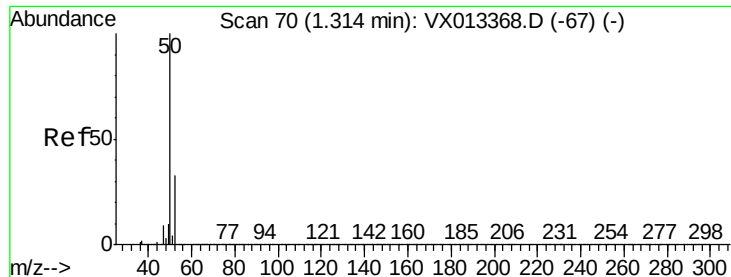
#2
Dichlorodifluoromethane
Concen: 18.996 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.6	49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

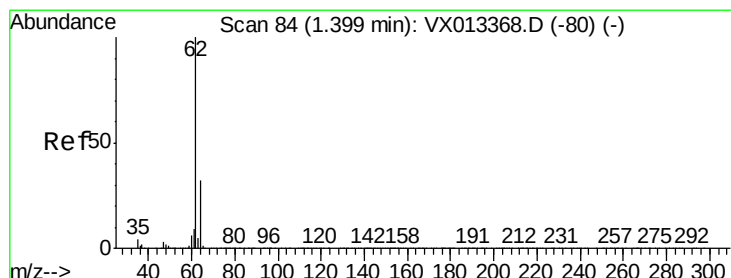
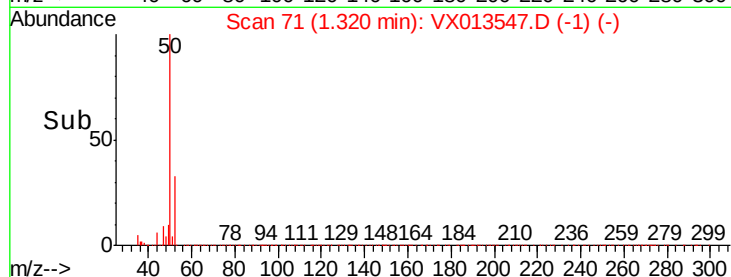
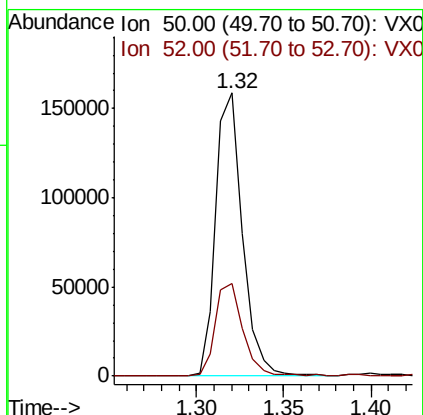
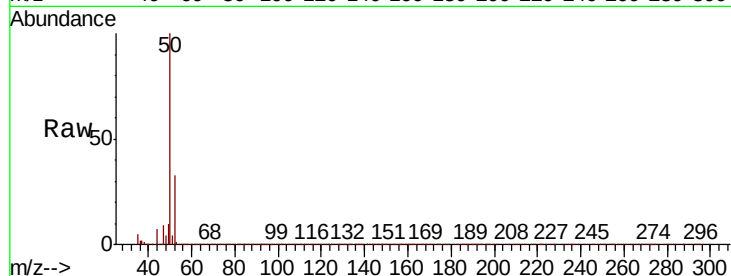




#3
Chloromethane
Concen: 18.612 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

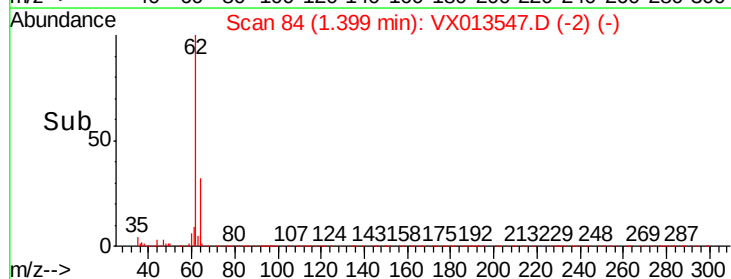
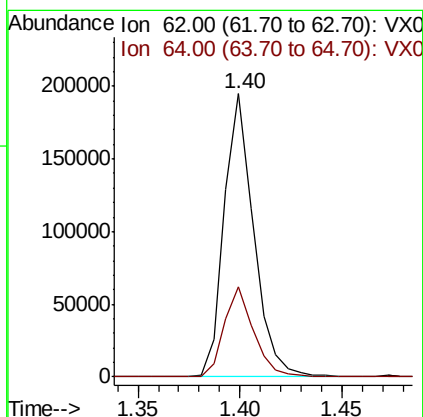
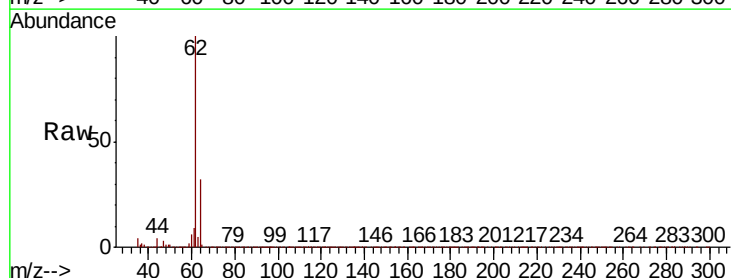
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

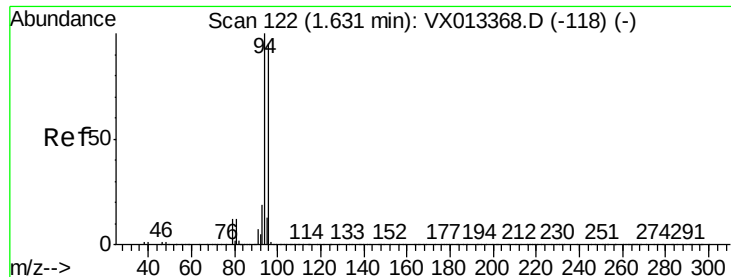
Tot Ion: 50 Resp: 168370
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 18.991 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 62 Resp: 195217
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5

Bromomethane

Concen: 17.229 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

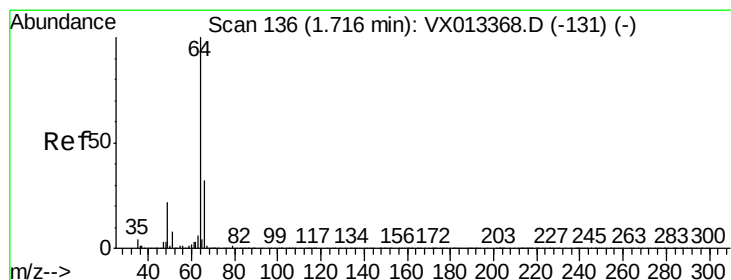
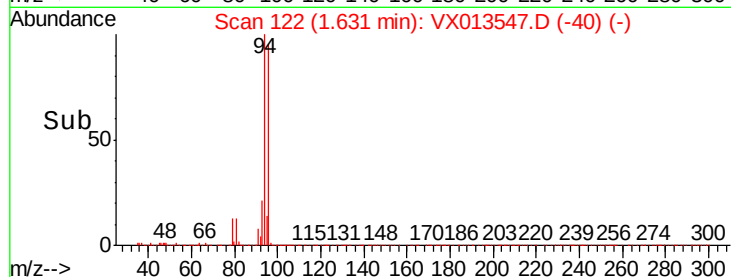
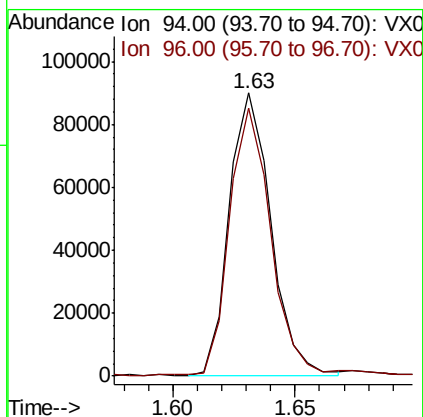
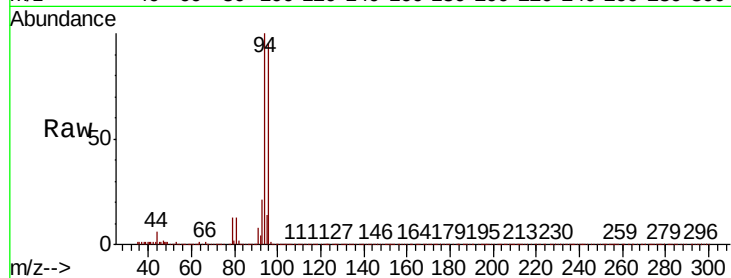
VSTDCCC020EC

Tot Ion: 94 Resp: 106472

Ion Ratio Lower Upper

94 100

96 94.7 75.7 113.5



#6

Chloroethane

Concen: 18.424 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013547.D

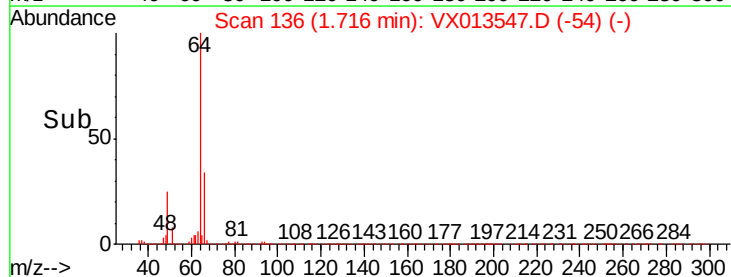
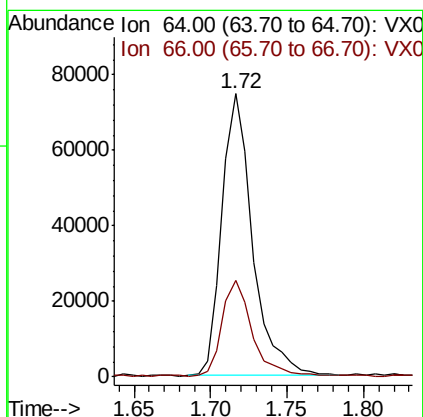
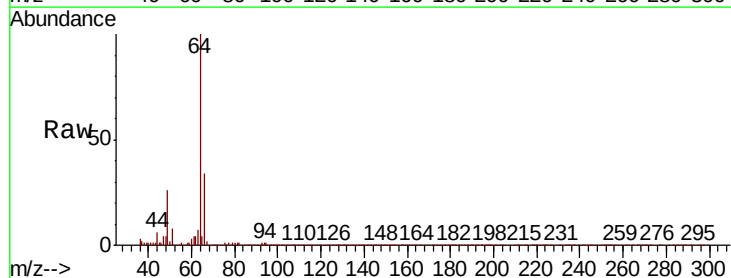
Acq: 22 Nov 2019 20:37

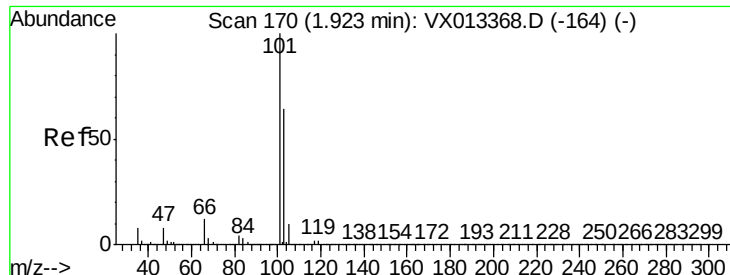
Tgt Ion: 64 Resp: 104105

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3



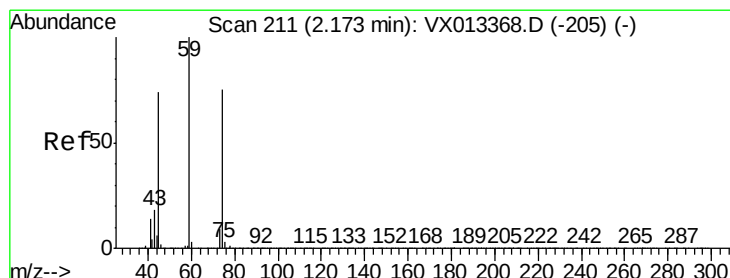
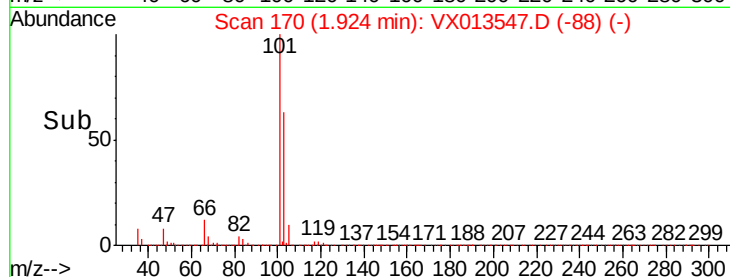
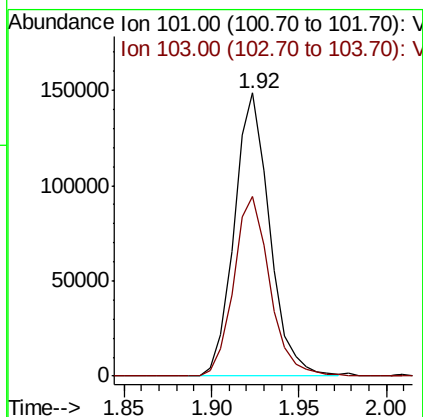
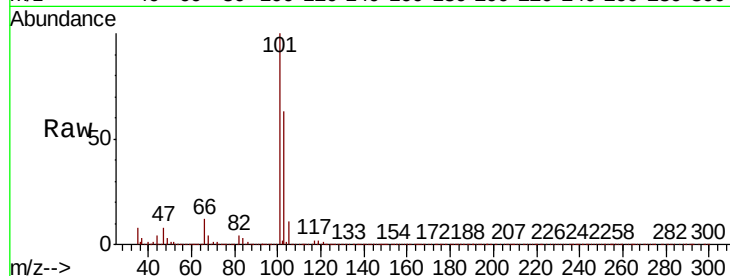


#7

Trichlorofluoromethane
Concen: 18.754 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

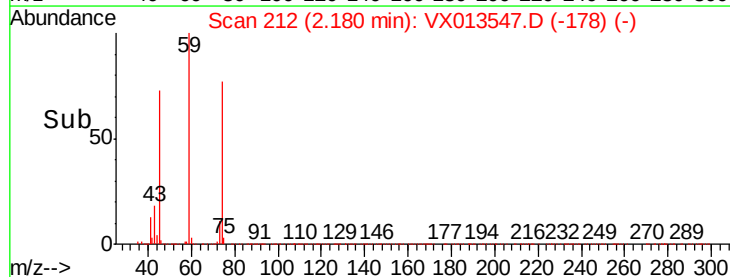
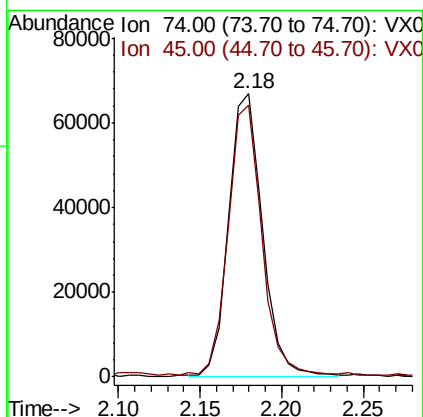
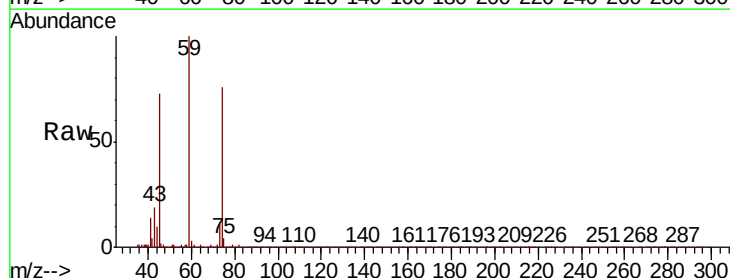
Tot Ion:101 Resp: 207536
Ion Ratio Lower Upper
101 100
103 63.3 51.2 76.8

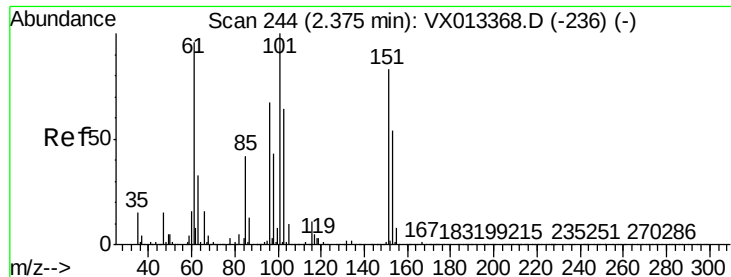


#8

Diethyl Ether
Concen: 19.014 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 74 Resp: 96073
Ion Ratio Lower Upper
74 100
45 94.4 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.769 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

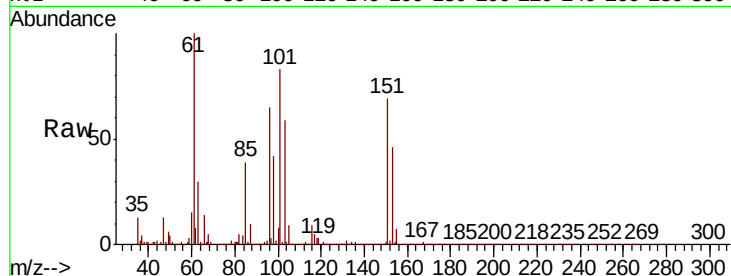
Tot Ion:101 Resp: 124965

Ion Ratio Lower Upper

101 100

85 43.5 0.0 83.2

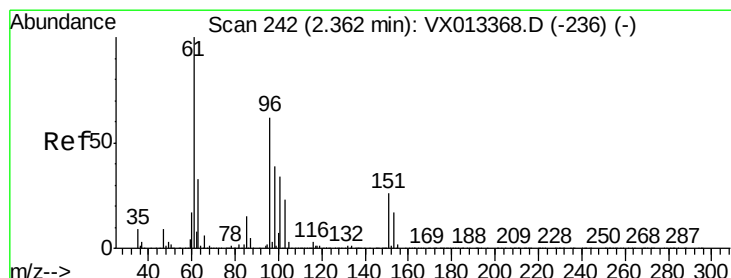
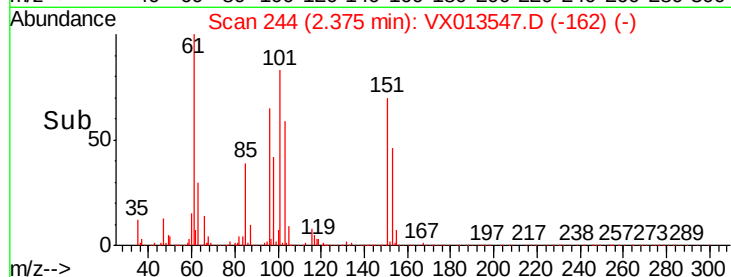
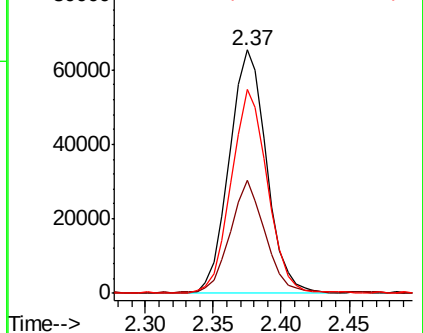
151 81.2 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.929 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

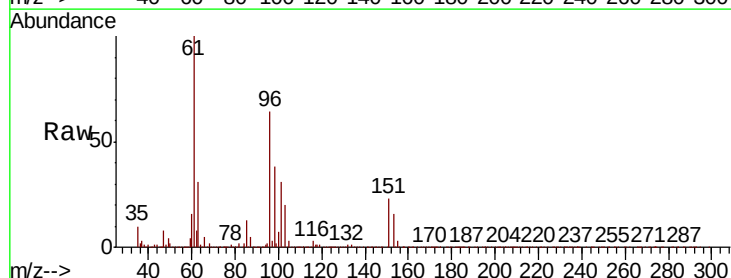
Tgt Ion: 96 Resp: 129515

Ion Ratio Lower Upper

96 100

61 155.7 128.9 193.3

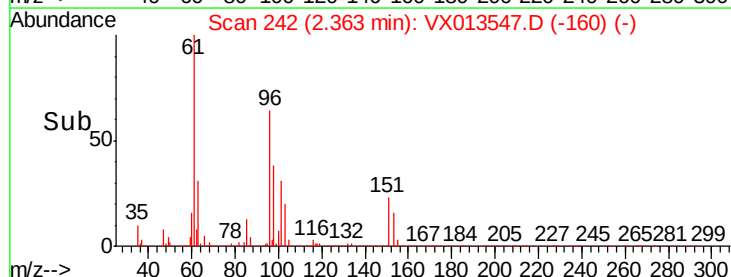
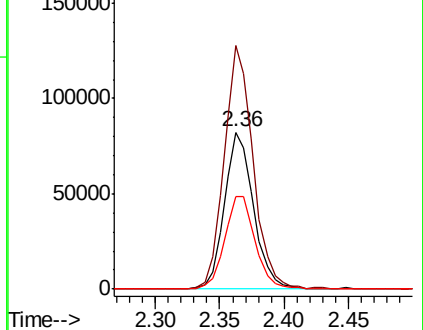
98 59.1 49.7 74.5

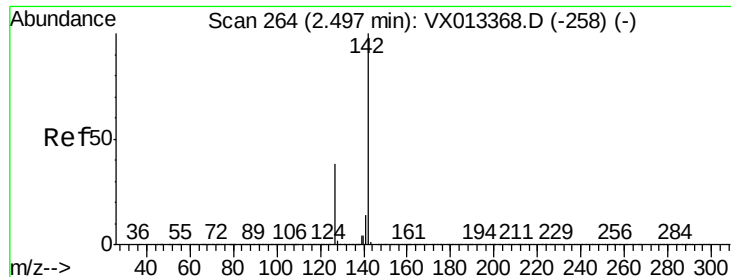


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

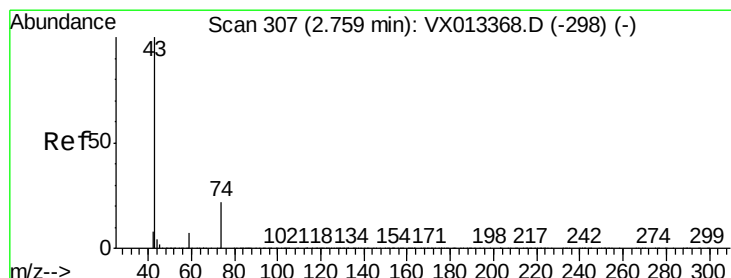
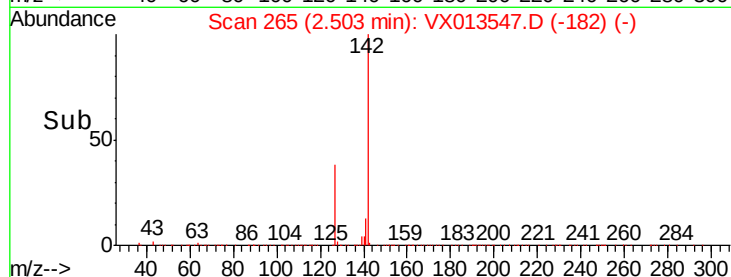
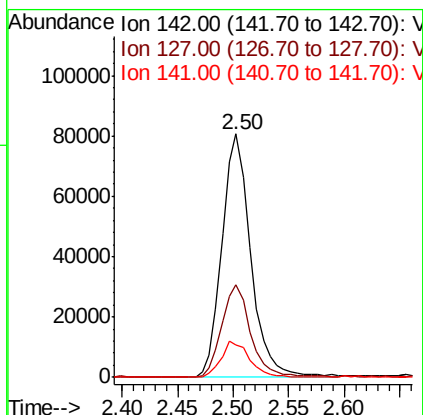
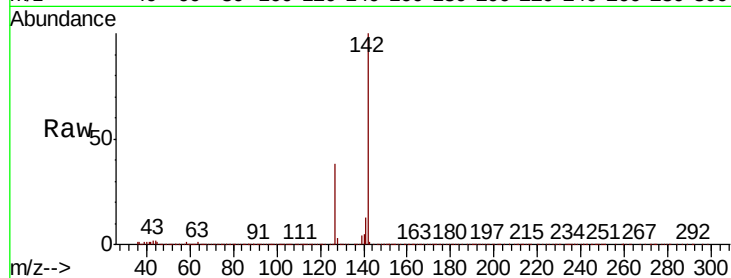




#11
Methvl Iodide
Concen: 17.015 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

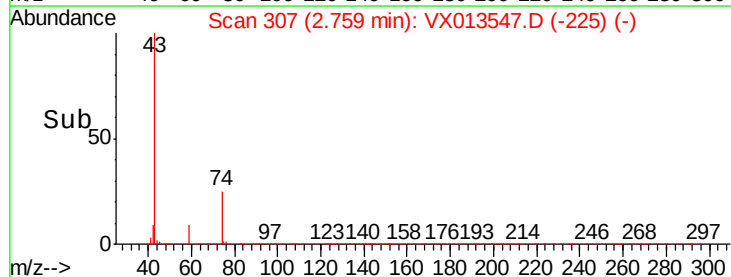
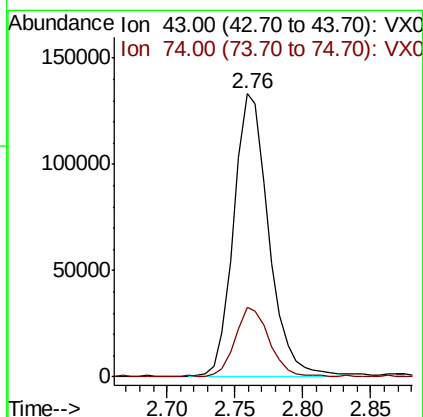
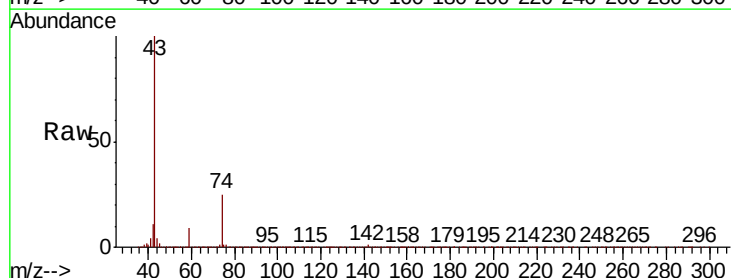
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

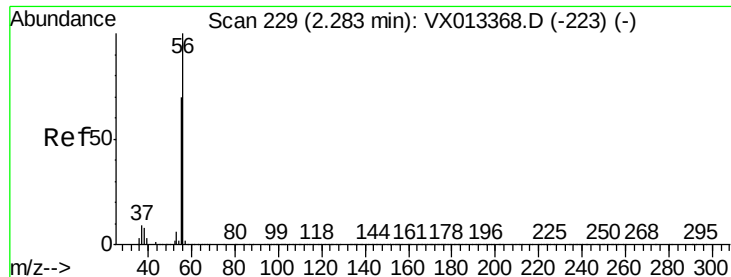
Tot Ion:142 Resp: 143752
Ion Ratio Lower Upper
142 100
127 37.8 19.1 57.5
141 13.2 7.0 21.0



#12
Methyl Acetate
Concen: 19.853 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 43 Resp: 238019
Ion Ratio Lower Upper
43 100
74 24.2 18.0 27.0





#13

Acrolein

Concen: 87.631 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

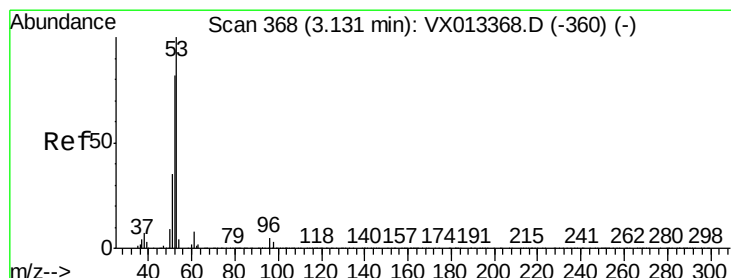
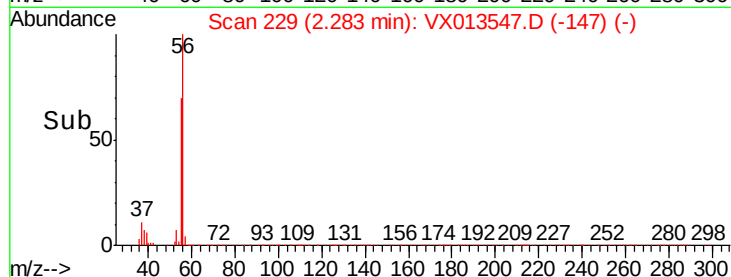
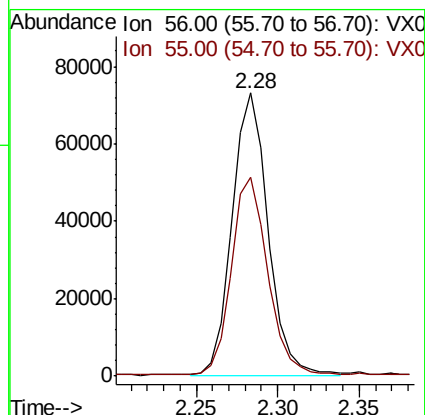
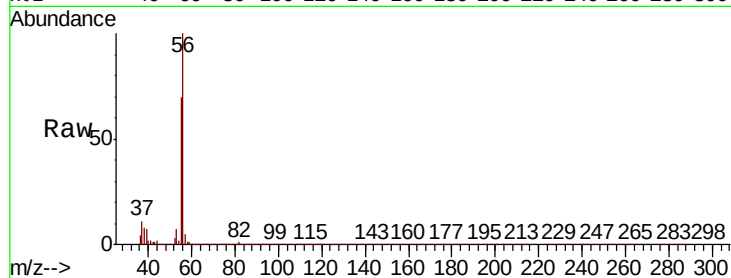
VSTDCCC020EC

Tot Ion: 56 Resp: 111601

Ion Ratio Lower Upper

56 100

55 71.5 55.8 83.8



#14

Acrylonitrile

Concen: 94.771 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

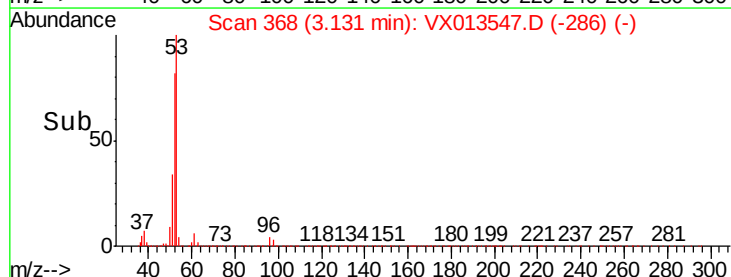
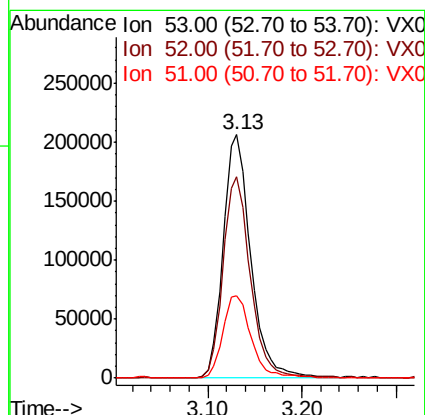
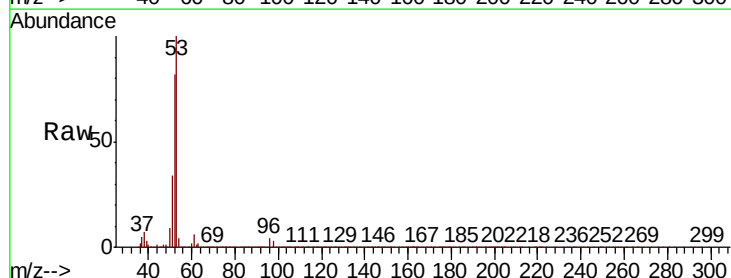
Tgt Ion: 53 Resp: 417821

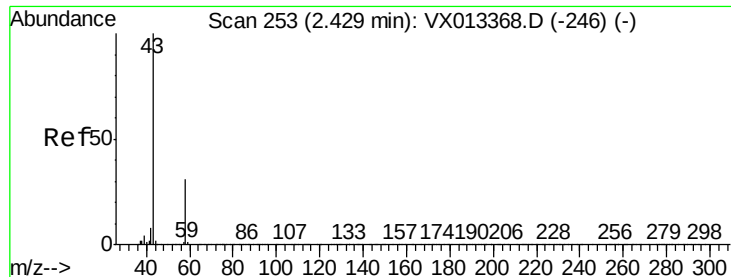
Ion Ratio Lower Upper

53 100

52 81.6 41.0 123.0

51 33.9 17.3 51.9





#15

Acetone

Concen: 82.435 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

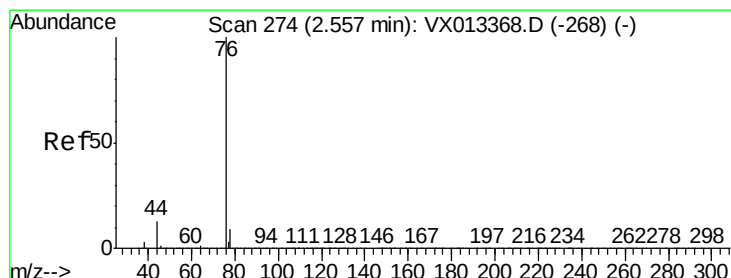
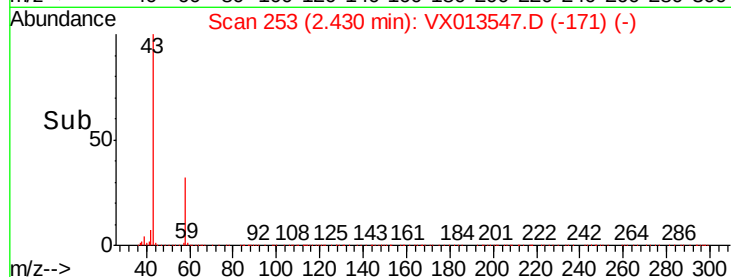
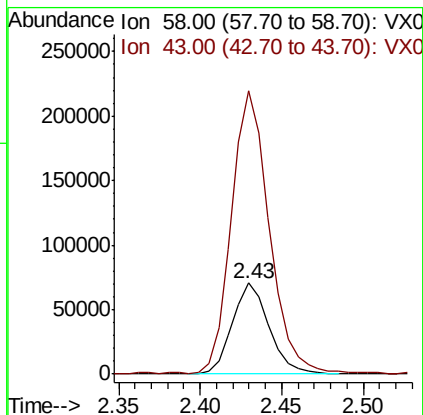
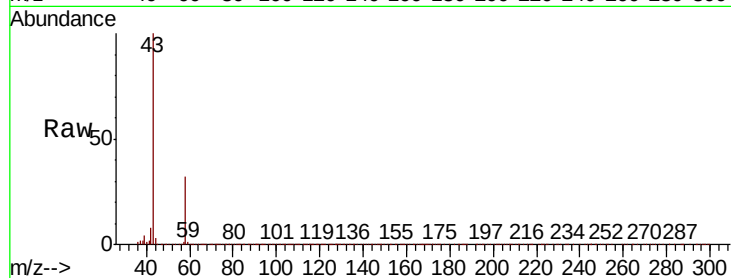
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 58 Resp: 110073

Ion Ratio Lower Upper

58 100

43 312.0 261.4 392.2



#16

Carbon Disulfide

Concen: 17.670 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013547.D

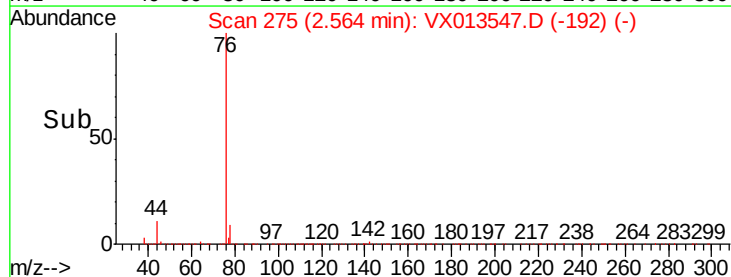
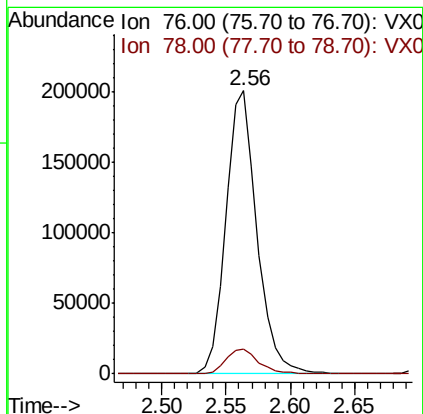
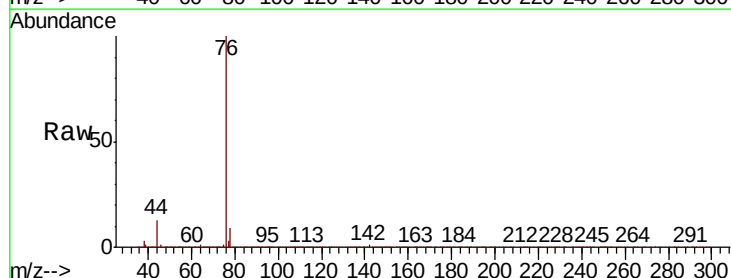
Acq: 22 Nov 2019 20:37

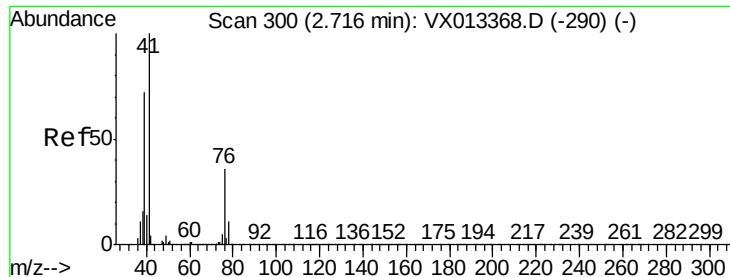
Tgt Ion: 76 Resp: 337210

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

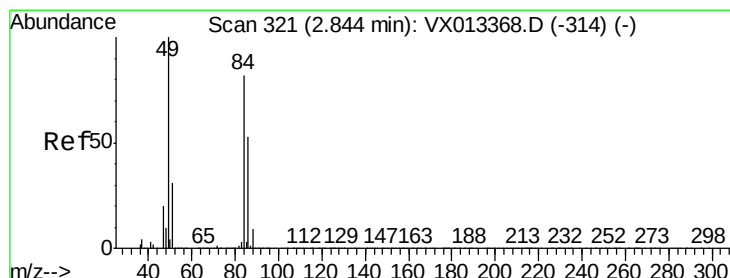
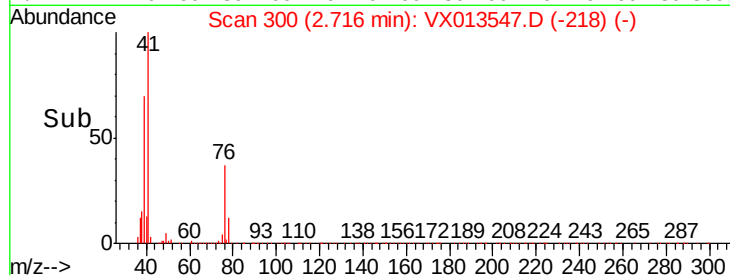
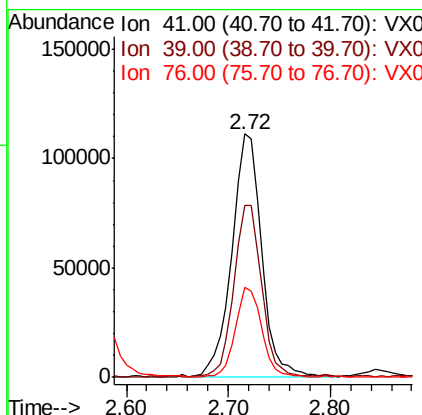
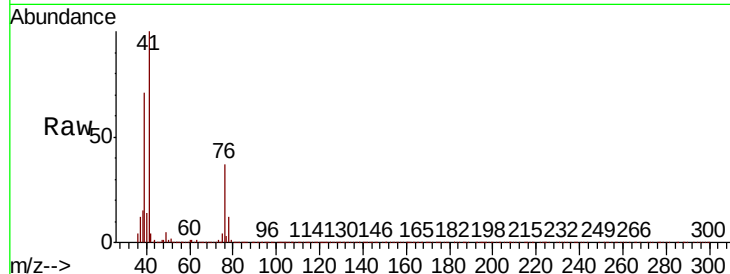




#17
Allvl chloride
Concen: 17.718 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

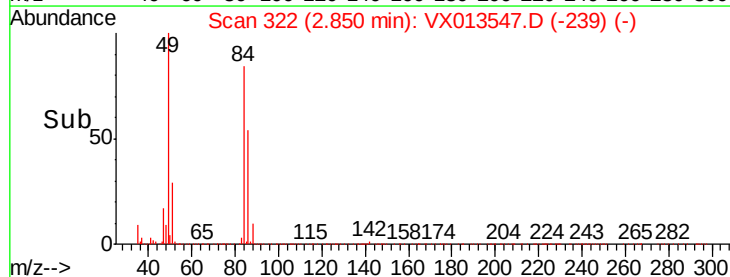
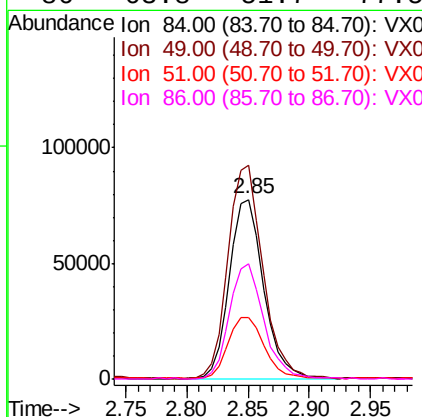
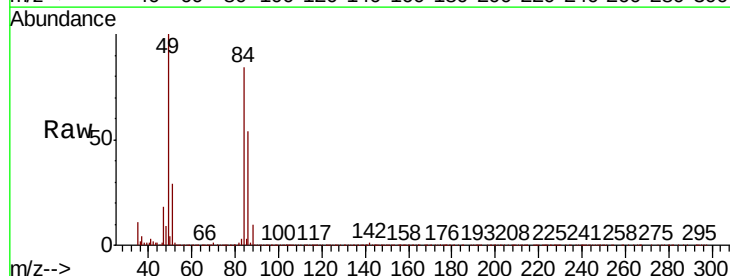
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

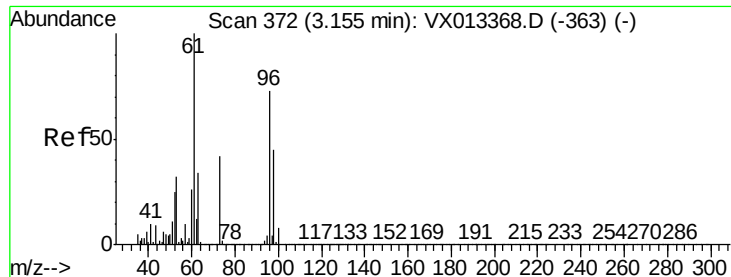
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.5	36.1	108.3
76	36.8	18.1	54.4



#18
Methylene Chloride
Concen: 19.403 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	96.8	145.2
51	34.4	30.0	45.0
86	63.8	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.126 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

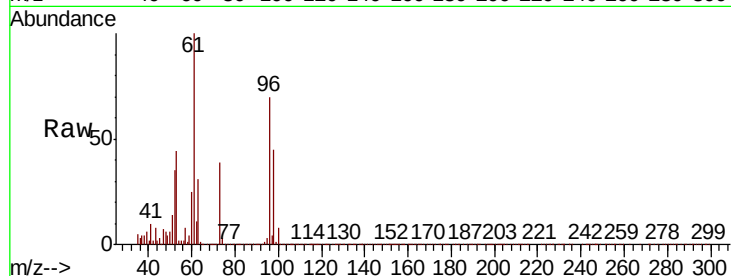
Tot Ion: 96 Resp: 139855

Ion Ratio Lower Upper

96 100

61 142.6 109.9 164.9

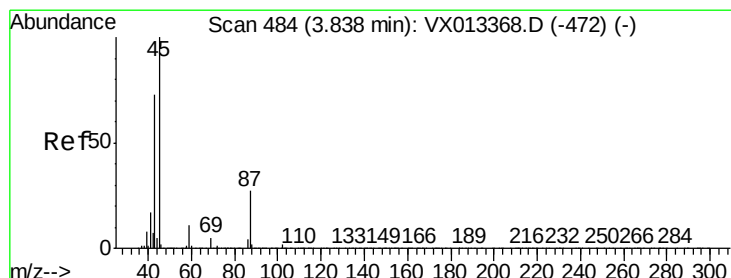
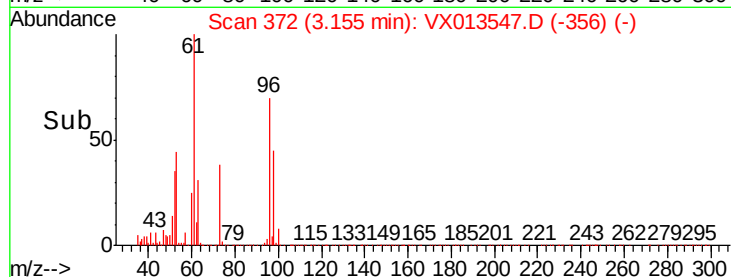
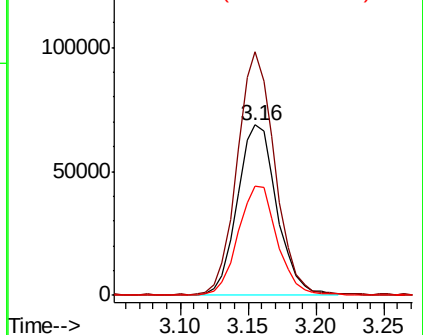
98 63.9 49.7 74.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.819 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion: 45 Resp: 456180

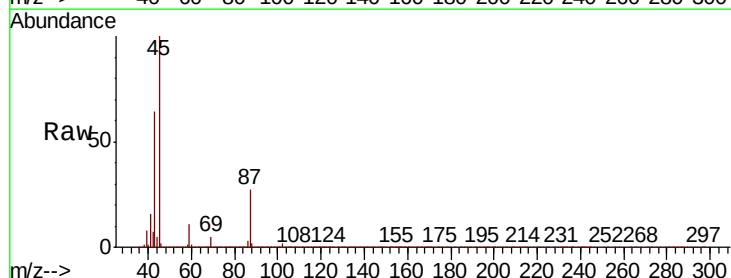
Ion Ratio Lower Upper

45 100

43 62.6 67.7 101.5#

87 26.8 21.5 32.3

59 11.0 8.5 12.7

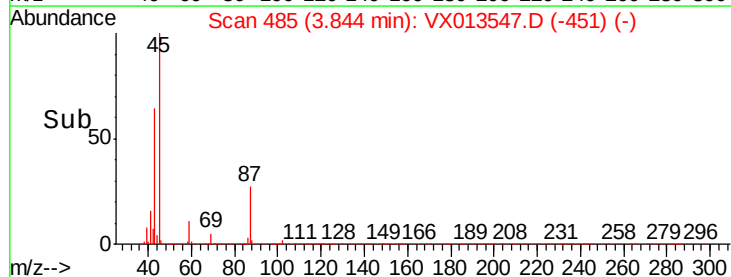
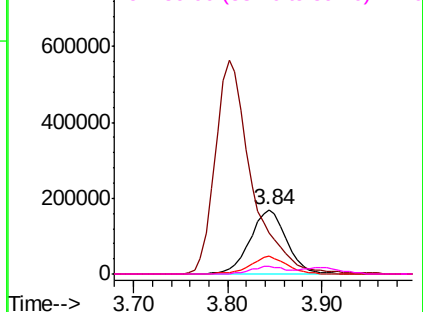


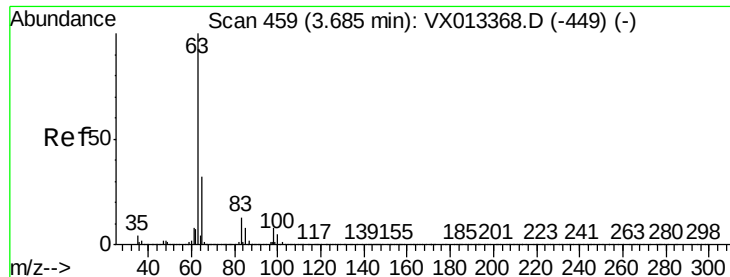
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 18.550 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

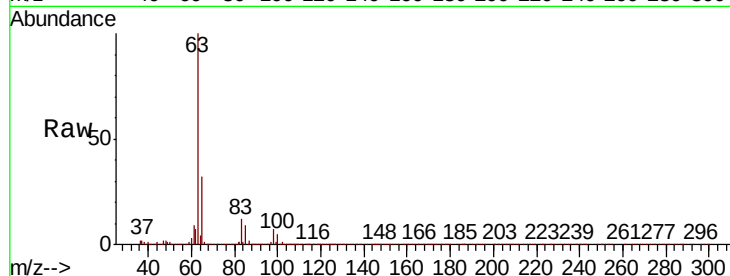
Tot Ion: 63 Resp: 244918

Ion Ratio Lower Upper

63 100

98 6.5 4.0 11.9

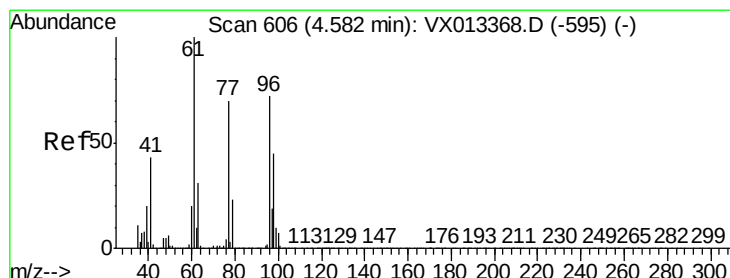
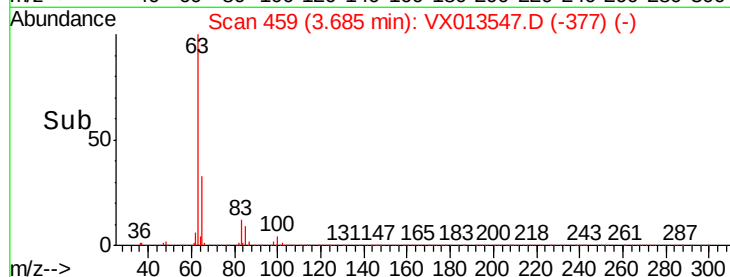
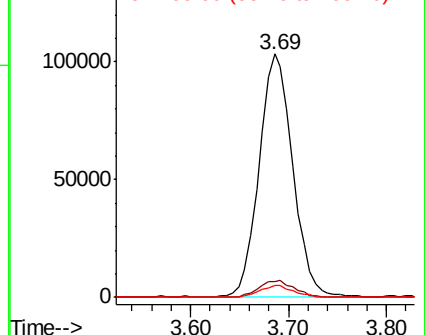
100 4.8 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.883 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

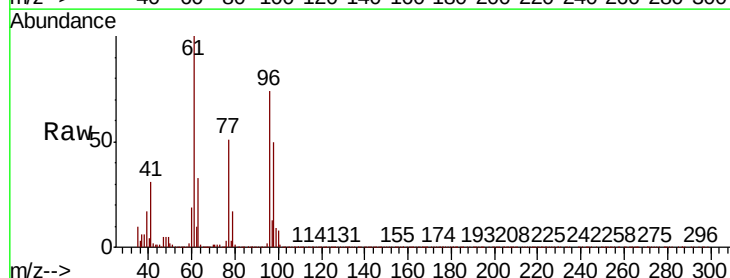
Tgt Ion: 96 Resp: 157422

Ion Ratio Lower Upper

96 100

61 139.6 117.0 175.6

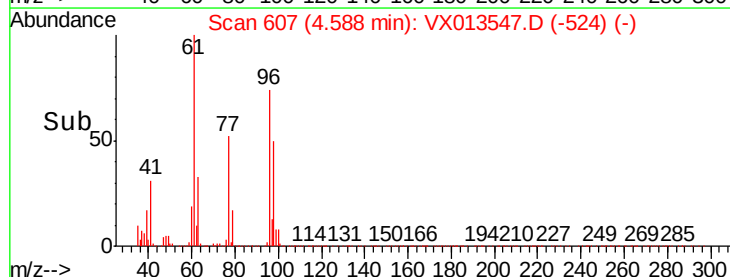
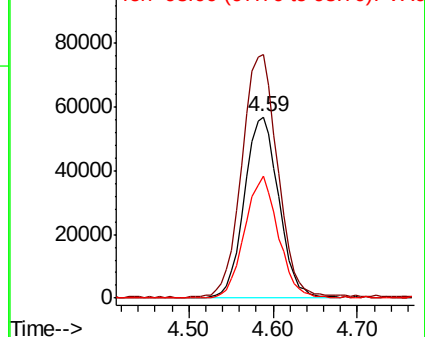
98 64.8 51.1 76.7

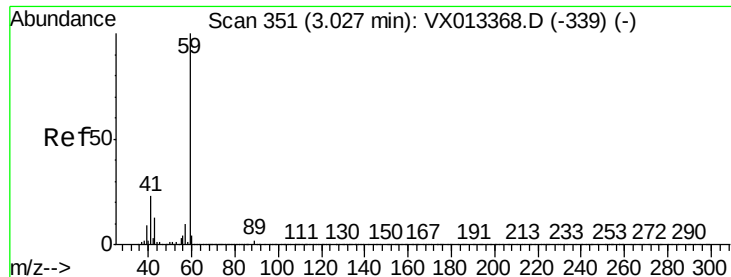


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



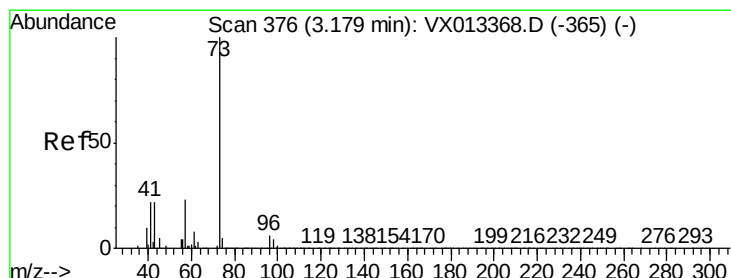
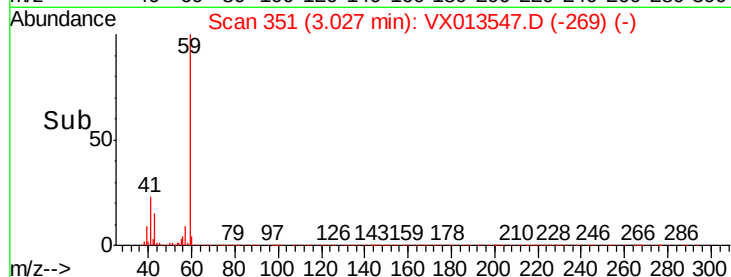
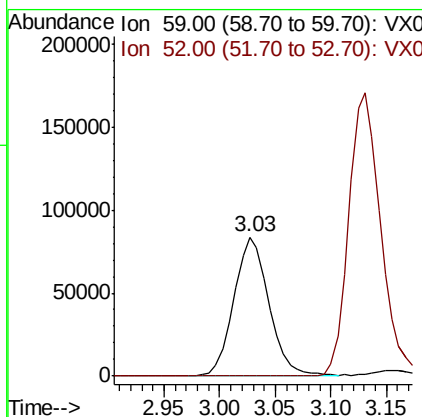
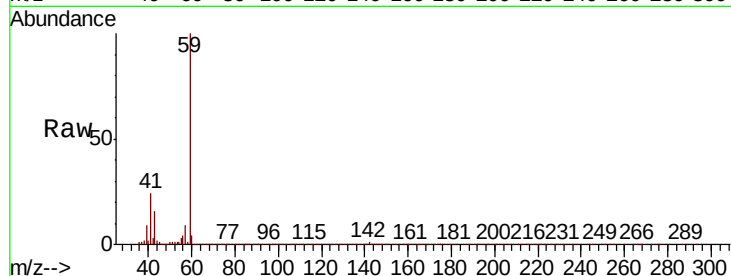


#23

tert-Butyl Alcohol
 Concen: 85.784 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

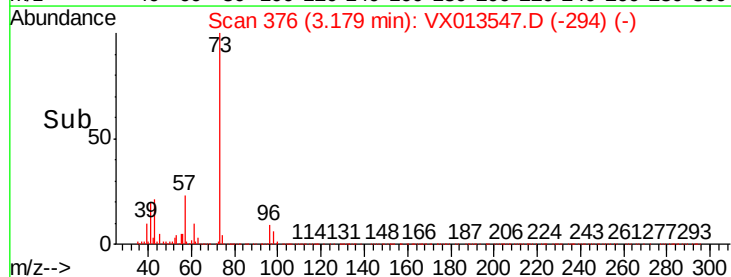
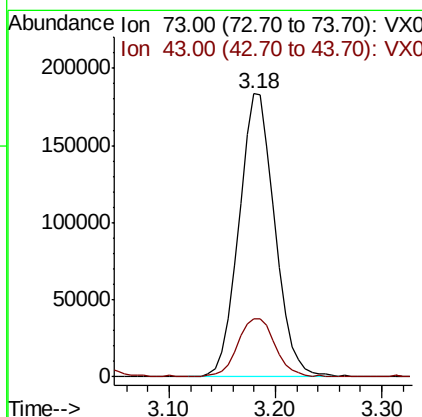
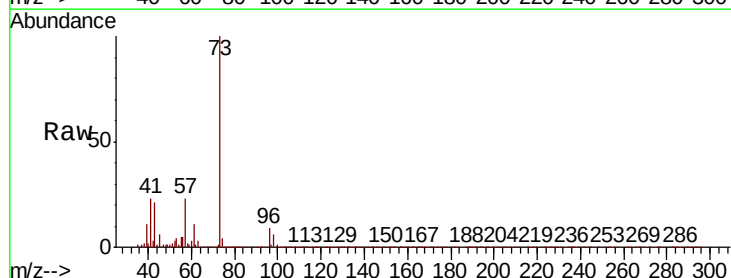
Tot Ion: 59 Resp: 182008
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

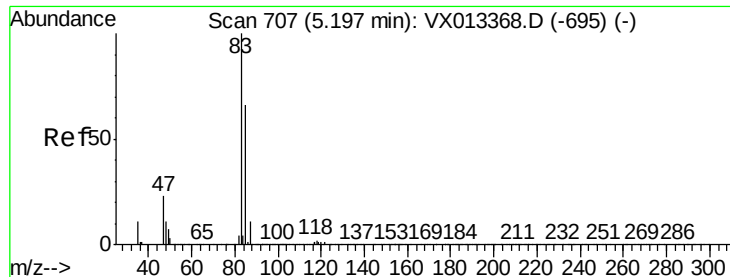


#24

Methyl tert-Butyl Ether
 Concen: 19.047 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion: 73 Resp: 431322
 Ion Ratio Lower Upper
 73 100
 43 21.3 17.0 25.6





#25

Chloroform

Concen: 18.469 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

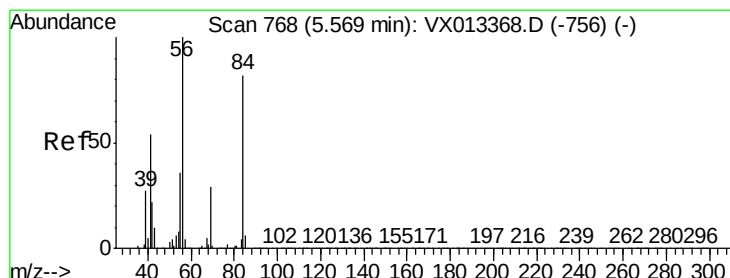
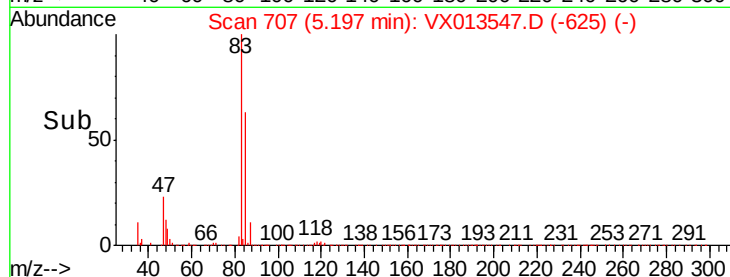
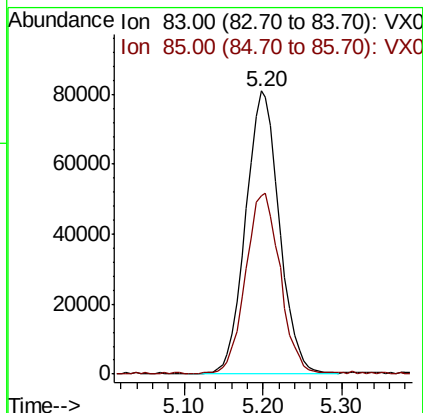
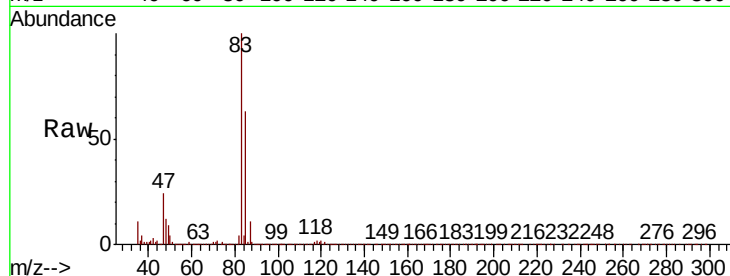
VSTDCCC020EC

Tot Ion: 83 Resp: 238693

Ion Ratio Lower Upper

83 100

85 63.3 52.4 78.6



#26

Cyclohexane

Concen: 18.341 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

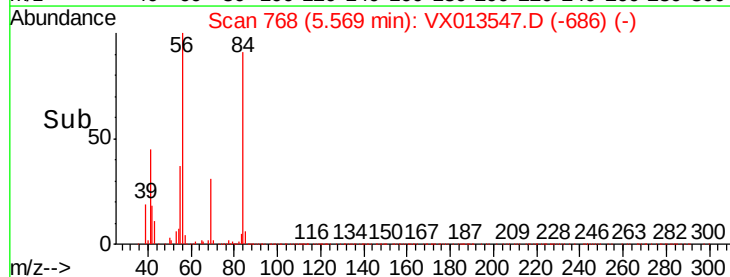
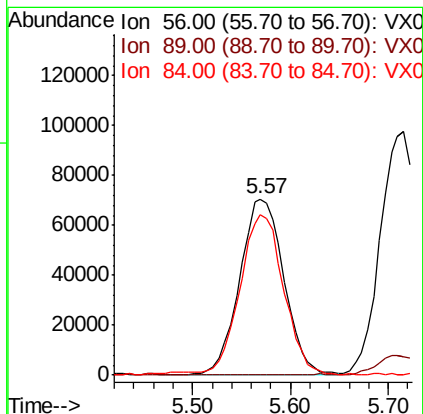
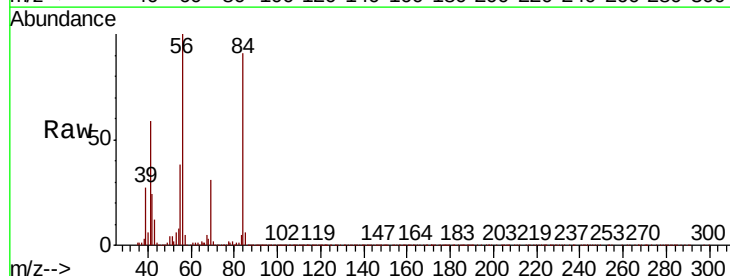
Tgt Ion: 56 Resp: 219916

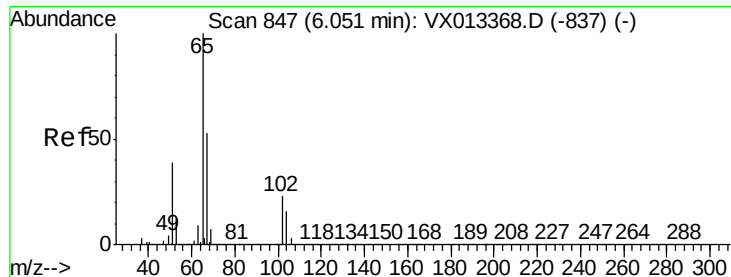
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 89.8 70.5 105.7

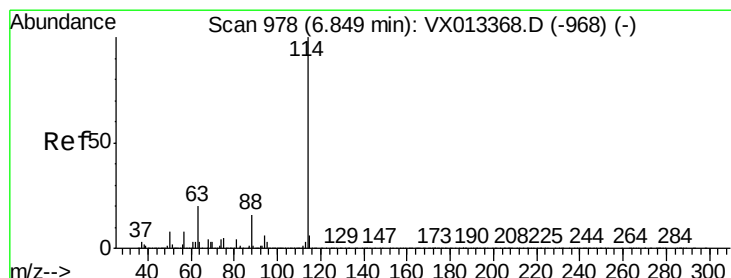
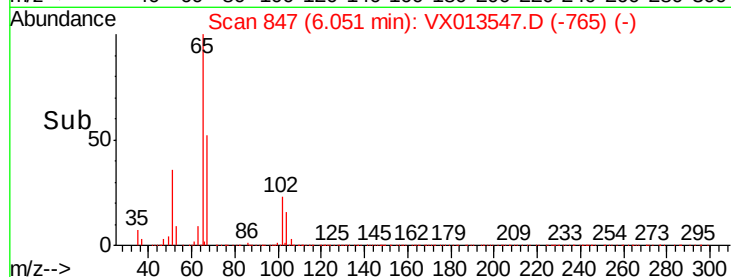
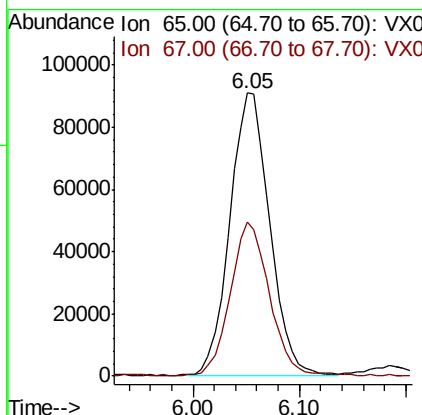
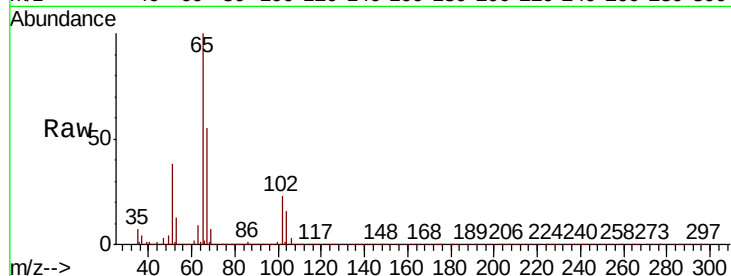




#27
 1,2-Dichloroethane-d4
 Concen: 28.983 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

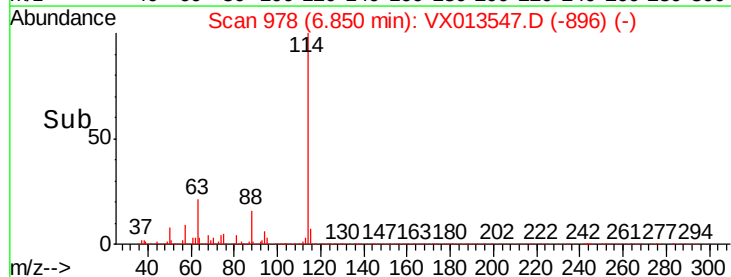
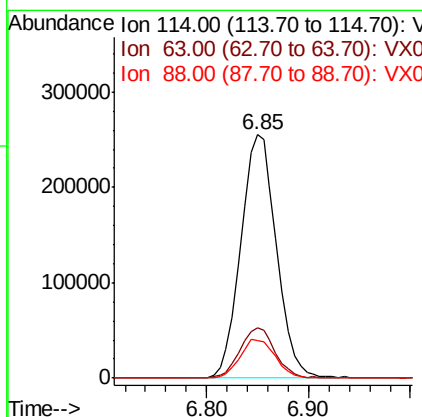
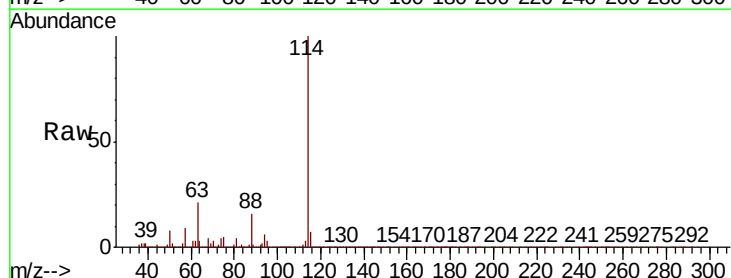
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

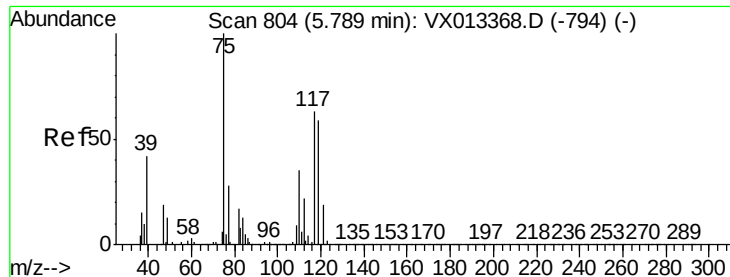
Tot Ion: 65 Resp: 237095
 Ion Ratio Lower Upper
 65 100
 67 53.5 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion: 114 Resp: 617051
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.1 24.1
 88 15.7 12.3 18.5





#29

1,1-Dichloropropene

Concen: 19.188 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

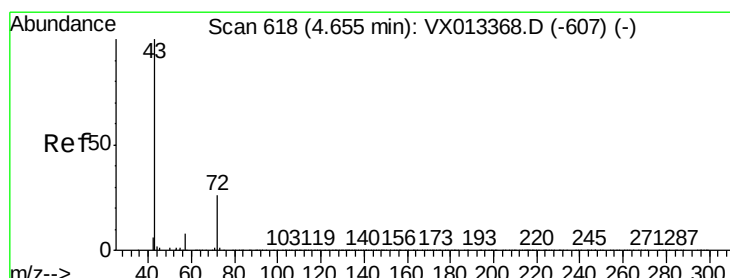
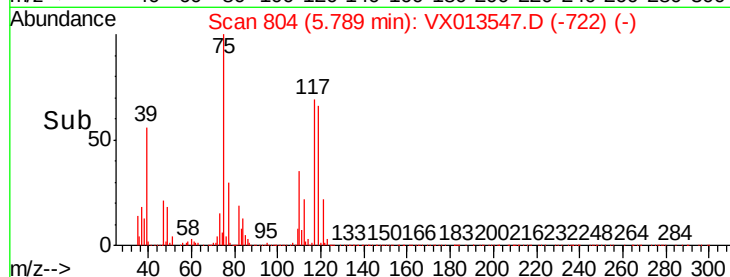
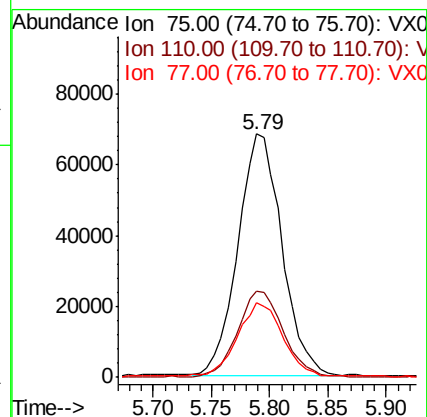
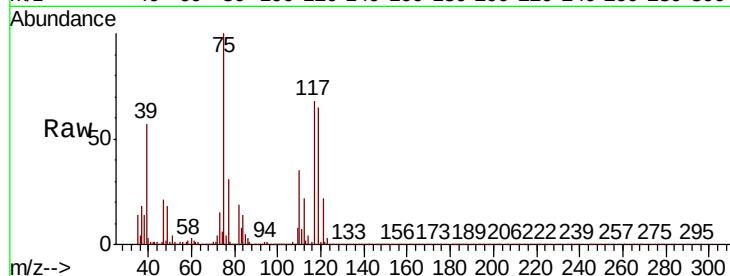
Tot Ion: 75 Resp: 180840

Ion Ratio Lower Upper

75 100

110 36.8 0.0 74.6

77 31.4 0.0 62.6



#30

2-Butanone

Concen: 93.147 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

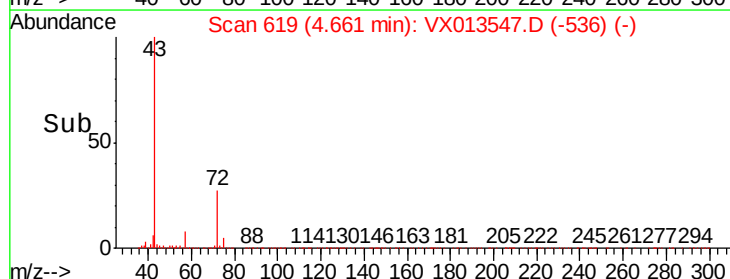
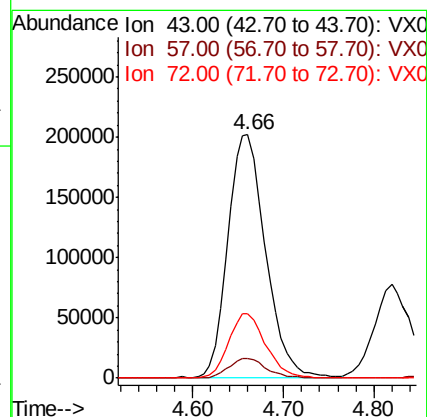
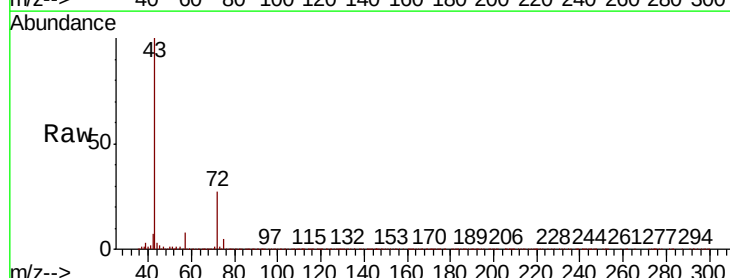
Tgt Ion: 43 Resp: 579457

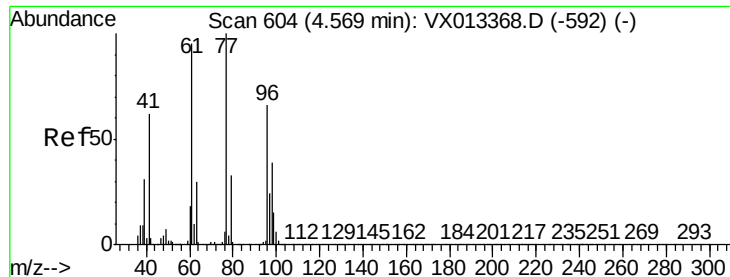
Ion Ratio Lower Upper

43 100

57 8.0 6.1 9.1

72 25.7 20.5 30.7

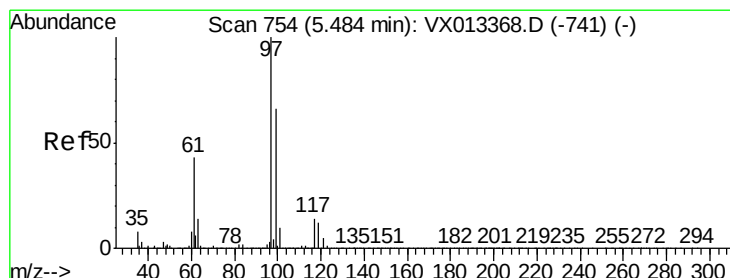
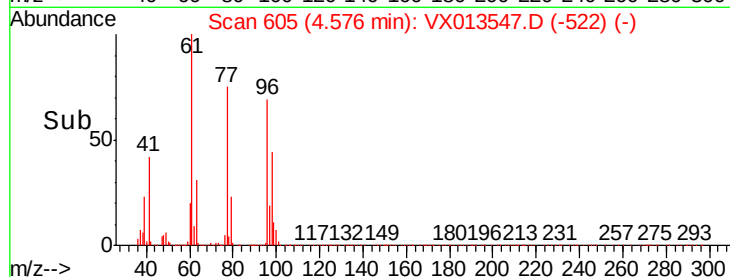
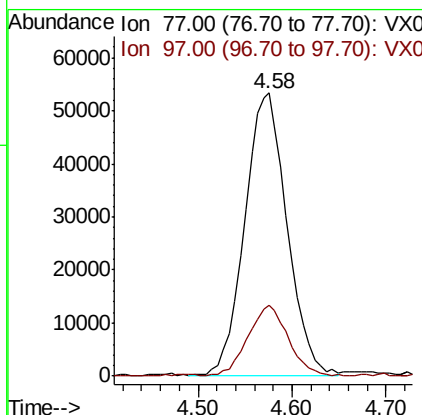
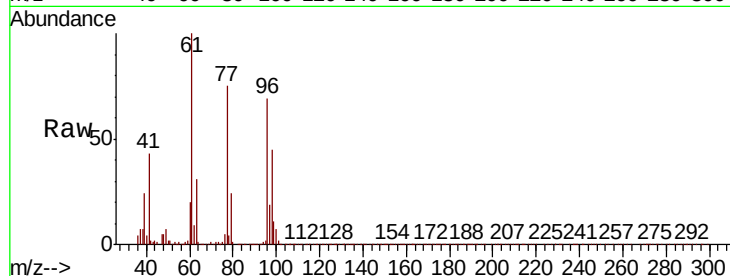




#31
 2,2-Dichloropropane
 Concen: 16.334 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

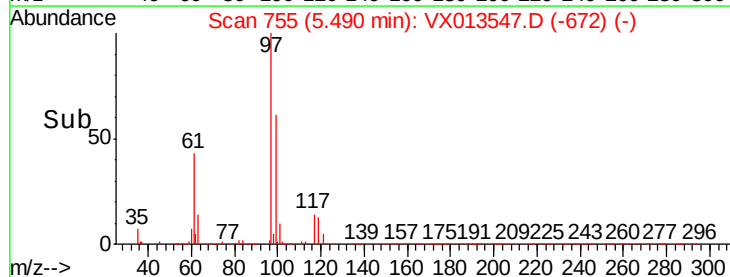
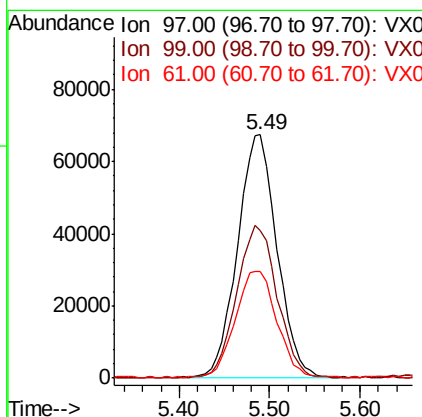
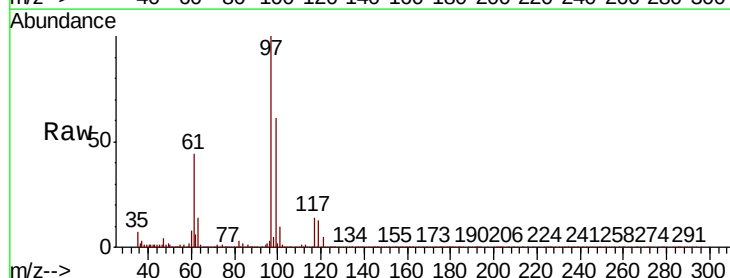
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

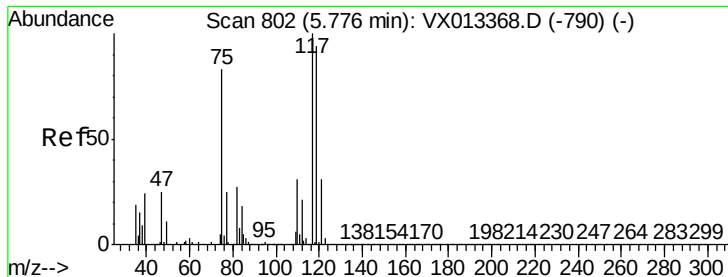
Tot Ion: 77 Resp: 166716
 Ion Ratio Lower Upper
 77 100
 97 24.1 19.2 28.8



#32
 1,1,1-Trichloroethane
 Concen: 19.365 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion: 97 Resp: 202865
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.5 78.7
 61 46.7 36.1 54.1





#33

Carbon Tetrachloride

Concen: 18.936 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

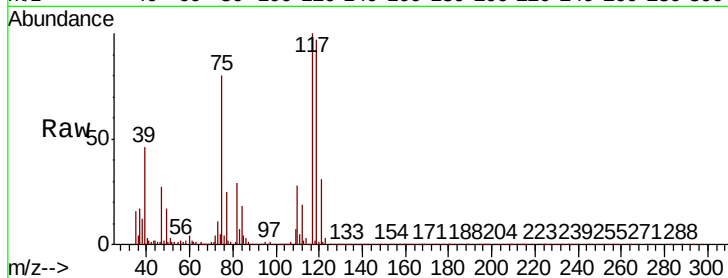
Tot Ion:117 Resp: 172302

Ion Ratio Lower Upper

117 100

119 96.7 75.0 112.6

121 30.5 24.9 37.3

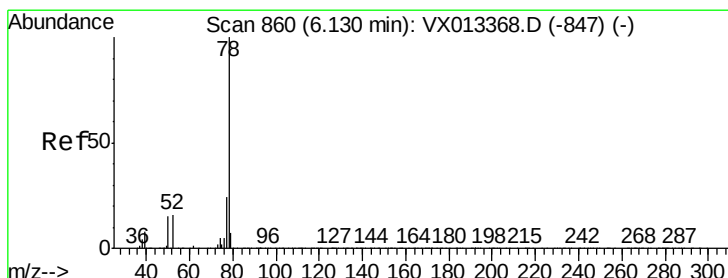
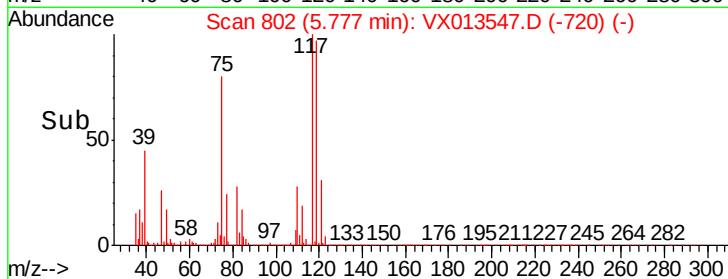
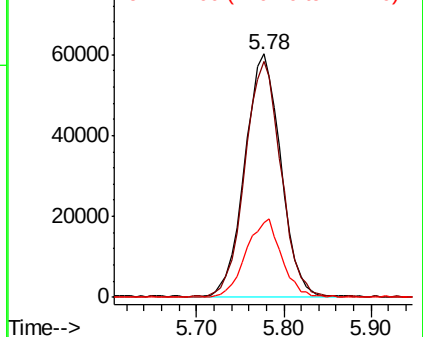


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.756 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

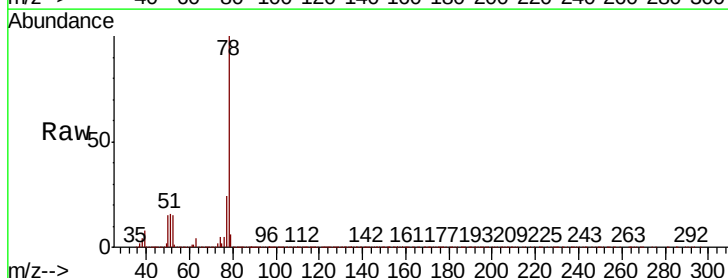
Tgt Ion: 78 Resp: 564754

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

51 15.8 12.2 18.4

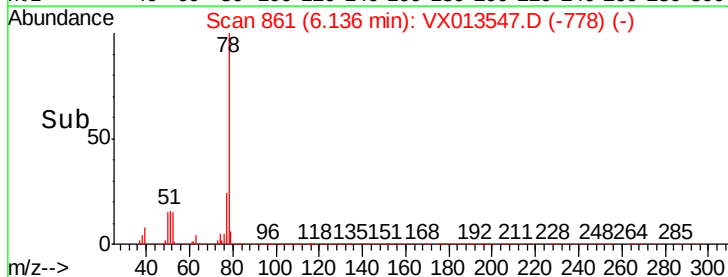
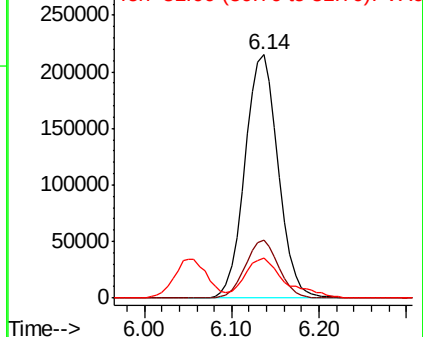


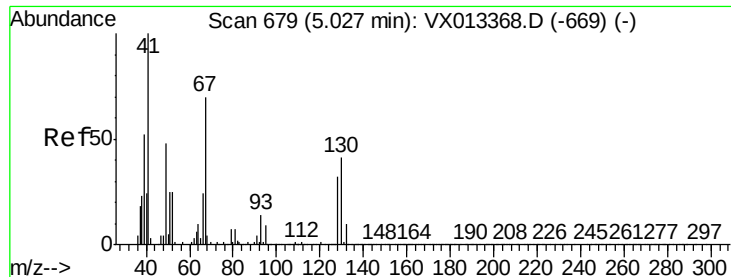
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

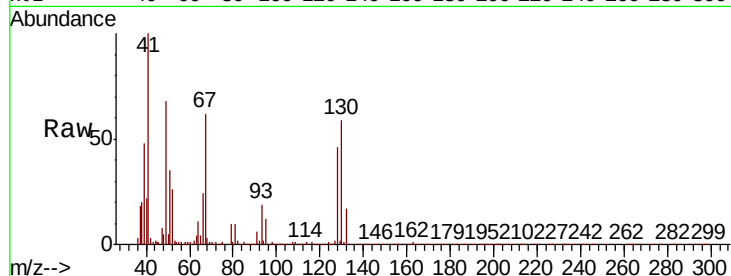




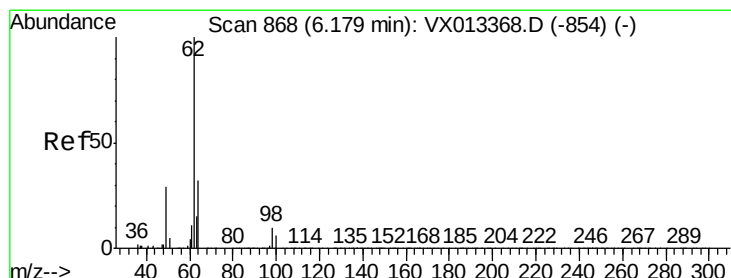
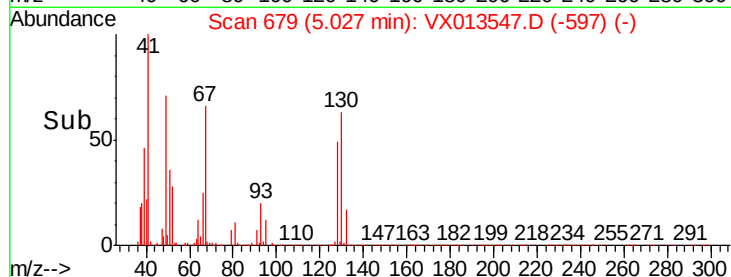
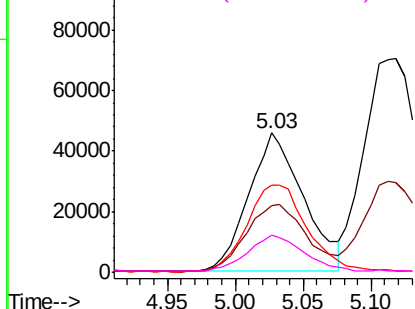
#35
Methacrylonitrile
Concen: 20.423 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	126870
Ion	Ratio	Lower	Upper
41	100		
39	47.8	25.9	77.8
67	62.5	35.1	105.5
52	25.9	12.5	37.5

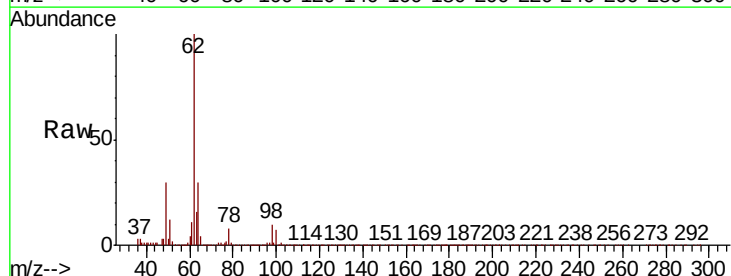


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

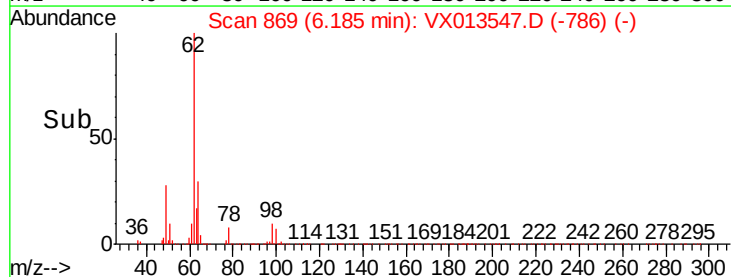
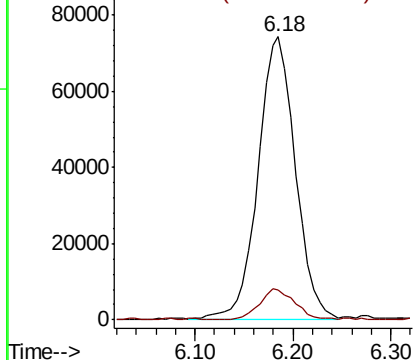


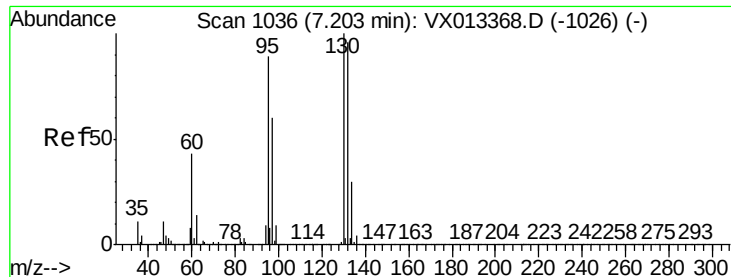
#36
1,2-Dichloroethane
Concen: 19.530 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion:	62	Resp:	195420
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 20.718 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

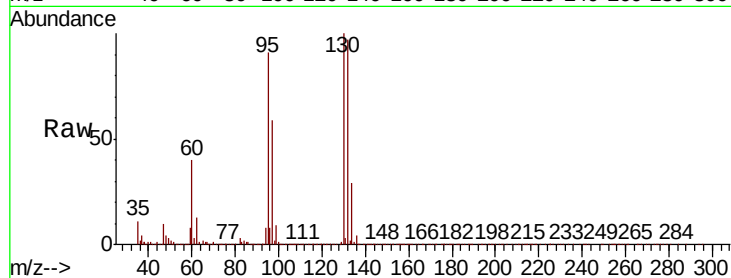
VSTDCCC020EC

Tot Ion:130 Resp: 158667

Ion Ratio Lower Upper

130 100

95 90.3 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

80000

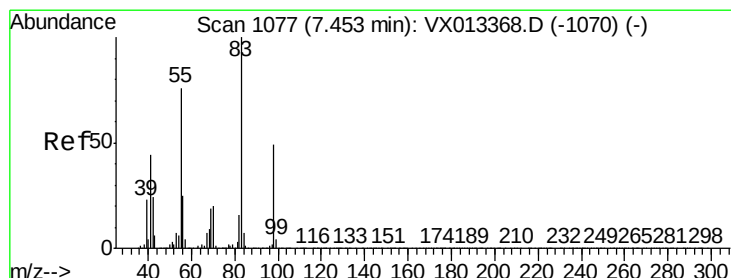
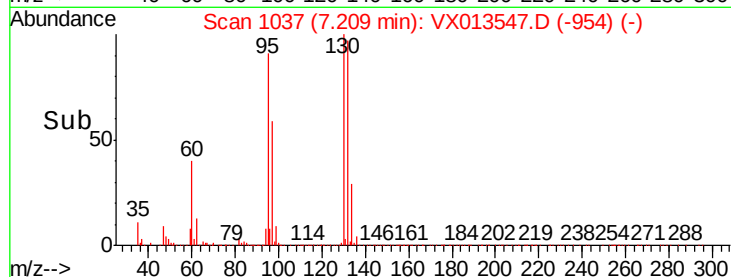
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.167 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

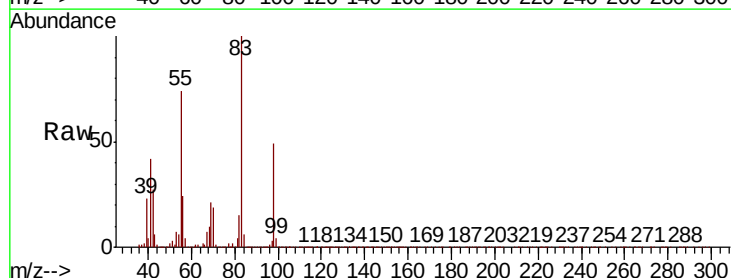
Tgt Ion: 83 Resp: 221494

Ion Ratio Lower Upper

83 100

55 76.9 37.9 113.7

98 49.8 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

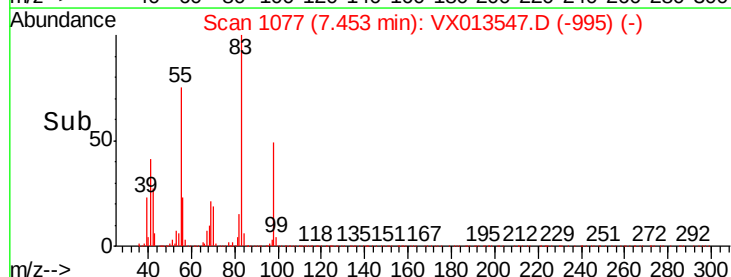
7.45

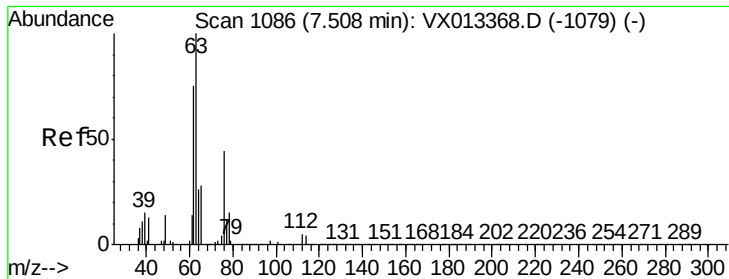
100000

50000

0

Time--> 7.40 7.50

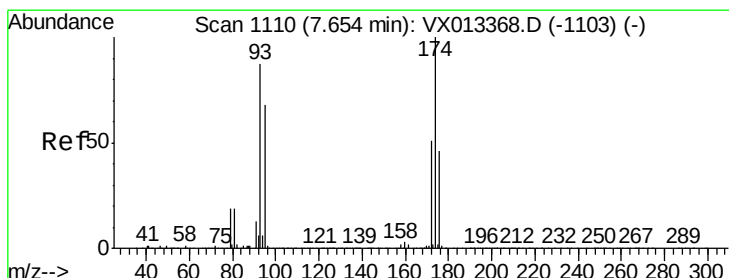
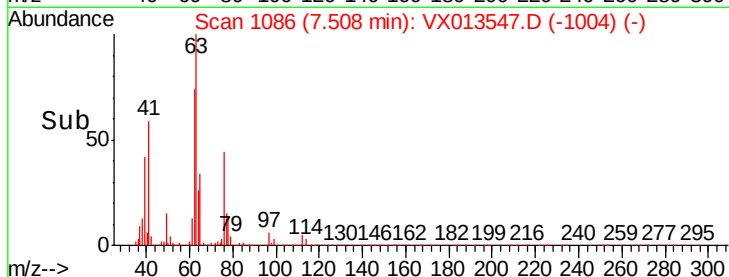
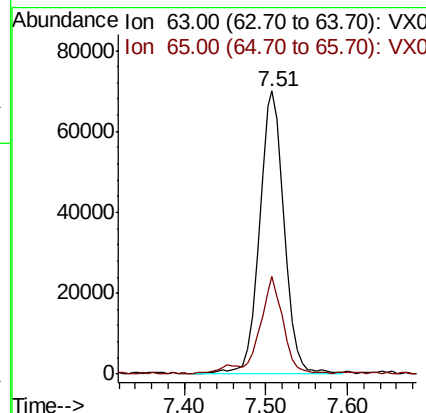
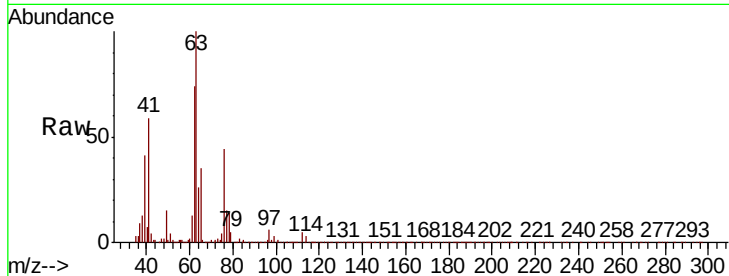




#39
 1,2-Dichloropropane
 Concen: 19.830 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

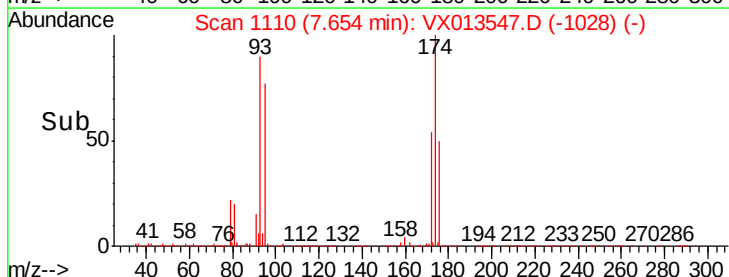
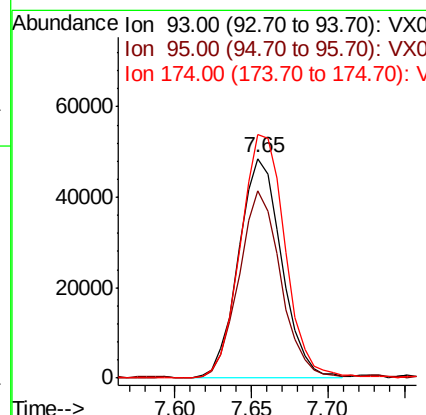
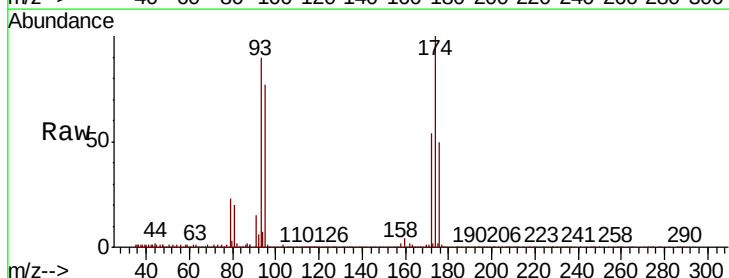
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

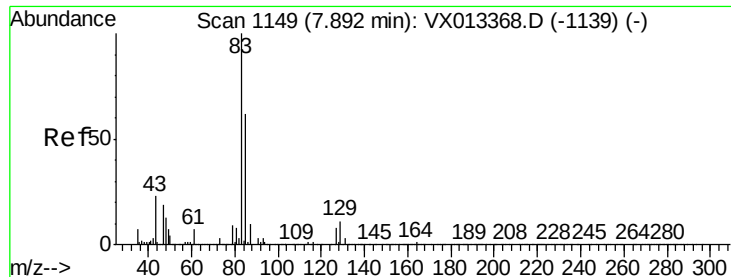
Tot Ion: 63 Resp: 146580
 Ion Ratio Lower Upper
 63 100
 65 34.4 23.8 35.8



#40
 Dibromomethane
 Concen: 19.166 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion: 93 Resp: 94280
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 160.8
 174 115.1 0.0 228.8





#41

Bromodichloromethane

Concen: 18.972 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

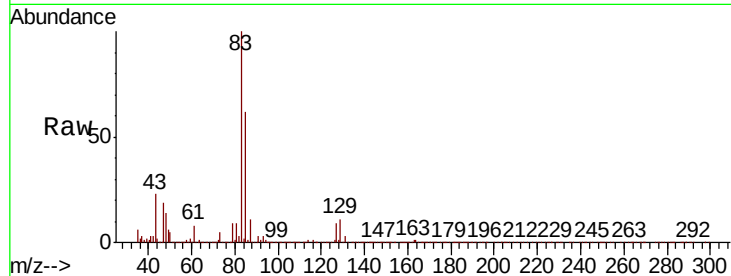
Tot Ion: 83 Resp: 182184

Ion Ratio Lower Upper

83 100

85 62.1 49.3 73.9

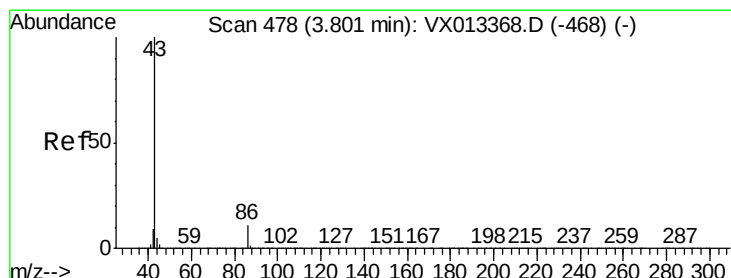
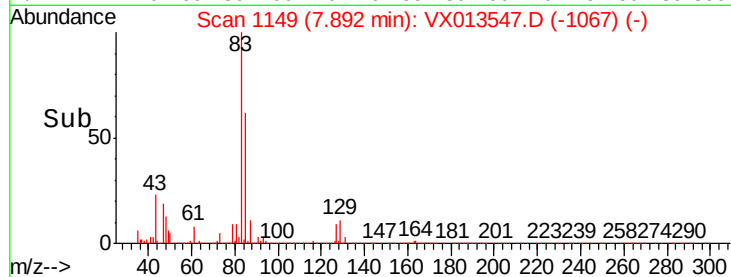
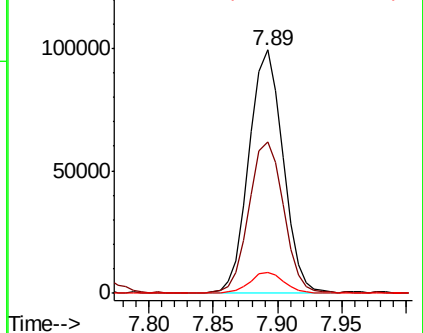
127 8.7 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 77.012 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013547.D

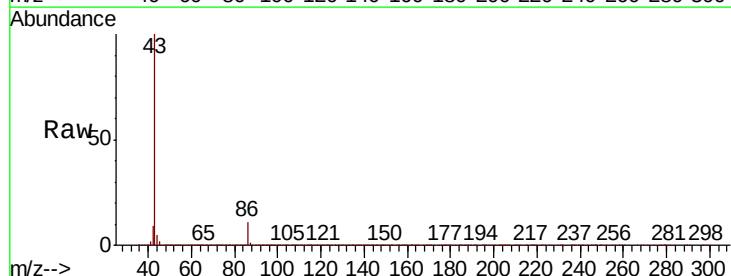
Acq: 22 Nov 2019 20:37

Tgt Ion: 43 Resp: 1508325

Ion Ratio Lower Upper

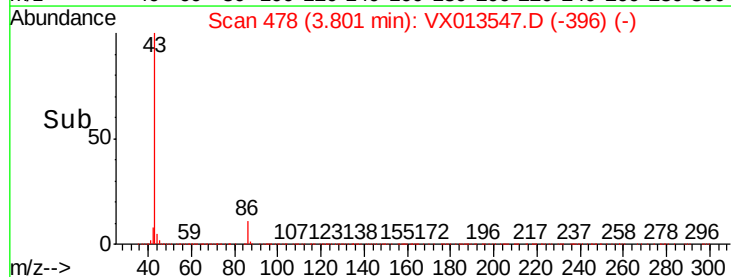
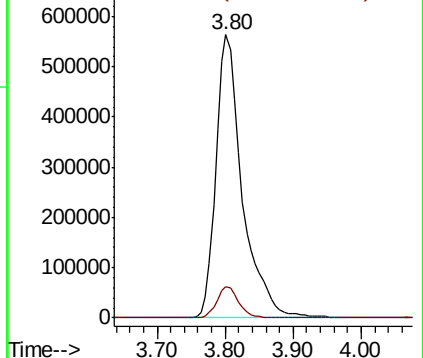
43 100

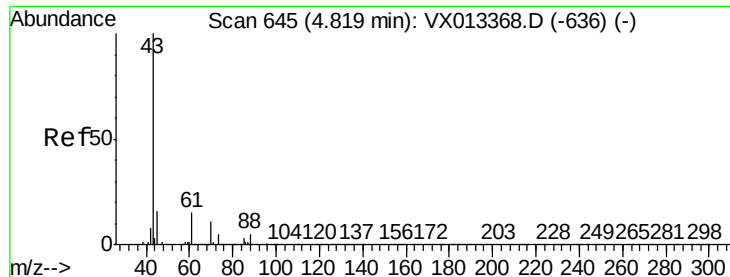
86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

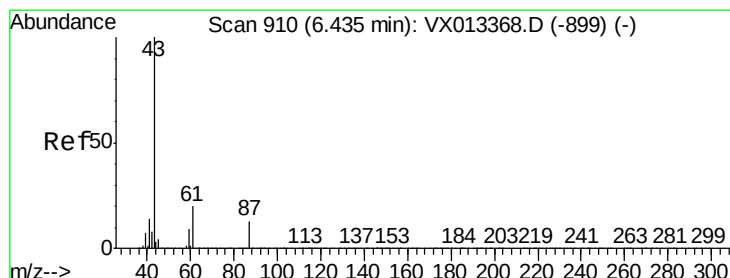
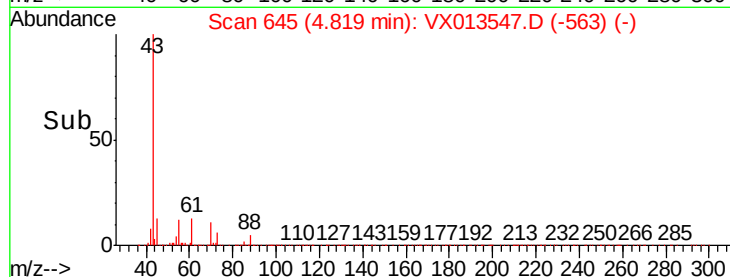
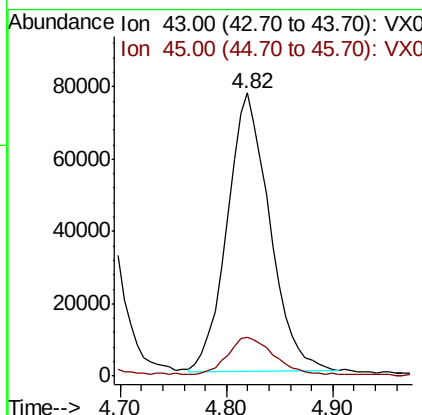
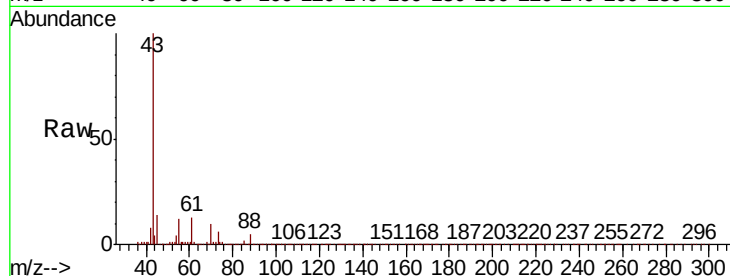




#43
Ethyl Acetate
Concen: 18.870 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

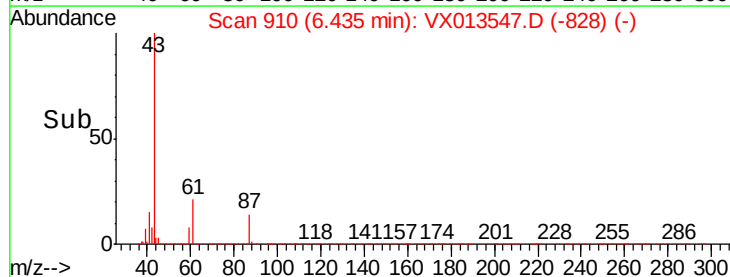
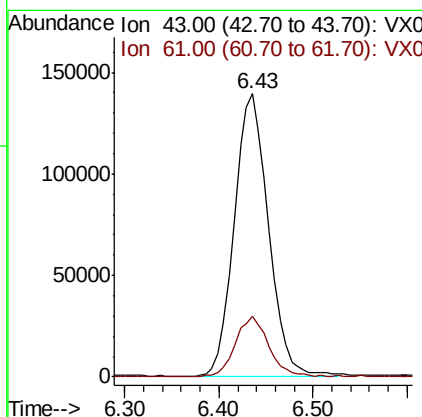
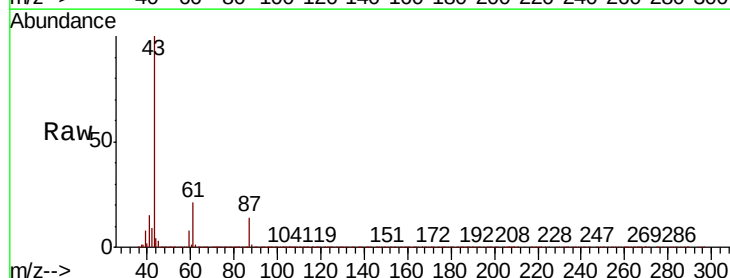
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

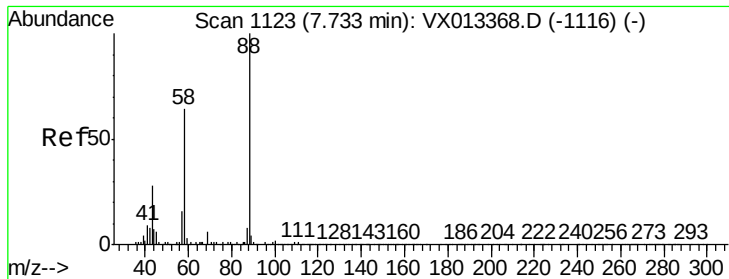
Tot Ion: 43 Resp: 214095
Ion Ratio Lower Upper
43 100
45 15.1 10.9 16.3



#44
Isopropyl Acetate
Concen: 19.293 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 43 Resp: 351866
Ion Ratio Lower Upper
43 100
61 20.3 15.8 23.8





#45

1,4-Dioxane

Concen: 371.731 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

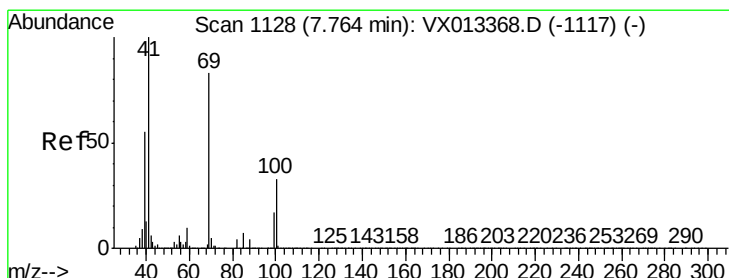
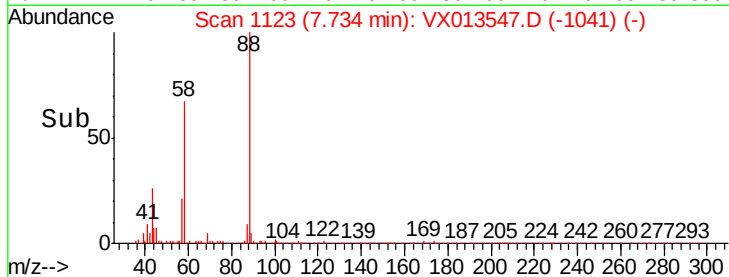
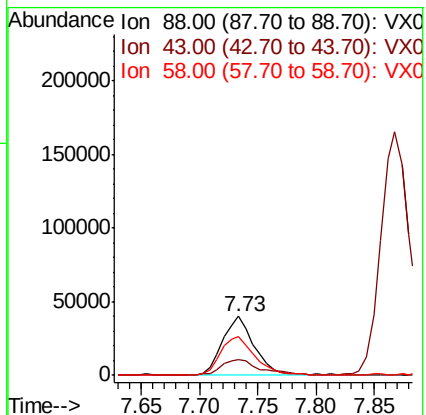
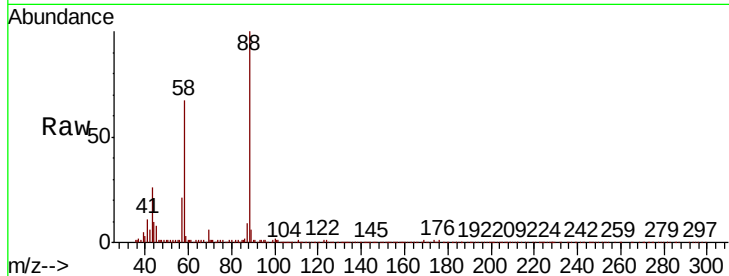
Tot Ion: 88 Resp: 74851

Ion Ratio Lower Upper

88 100

43 30.4 26.1 39.1

58 70.1 55.8 83.8



#46

Methyl methacrylate

Concen: 19.271 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

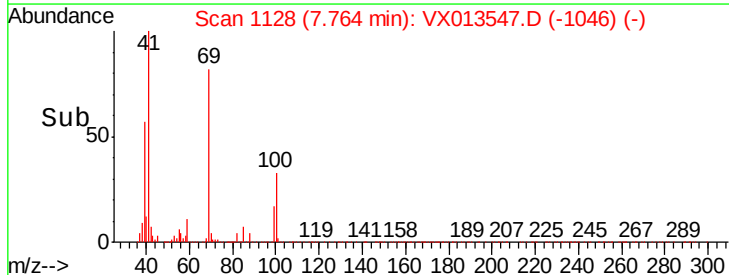
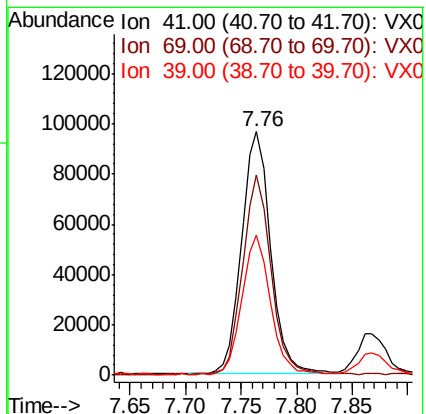
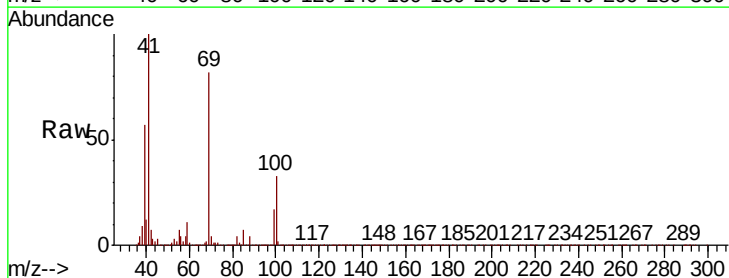
Tgt Ion: 41 Resp: 174826

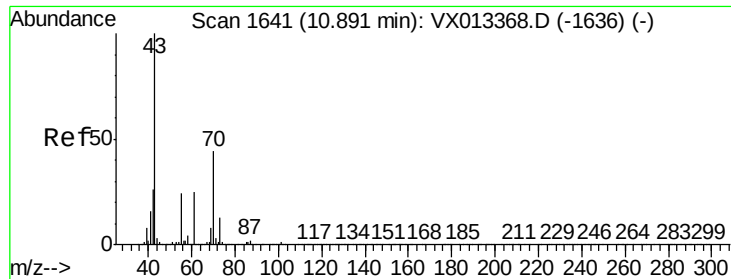
Ion Ratio Lower Upper

41 100

69 82.1 41.4 124.4

39 57.2 27.9 83.6





#47

n-amvl Acetate

Concen: 18.872 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

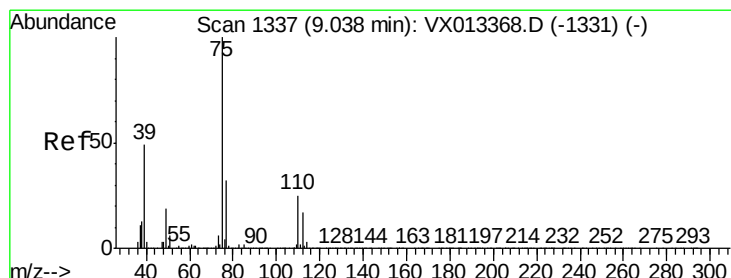
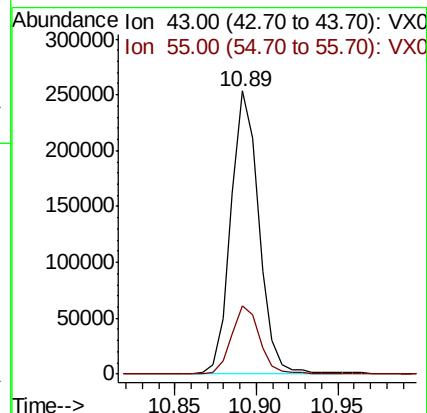
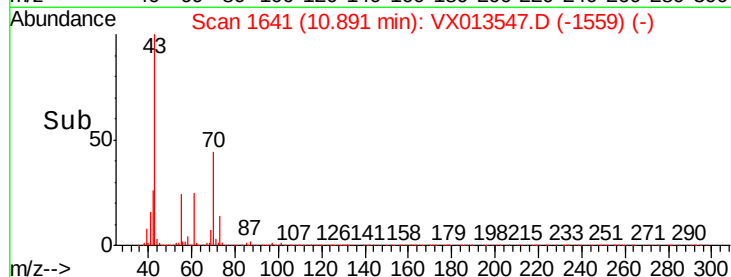
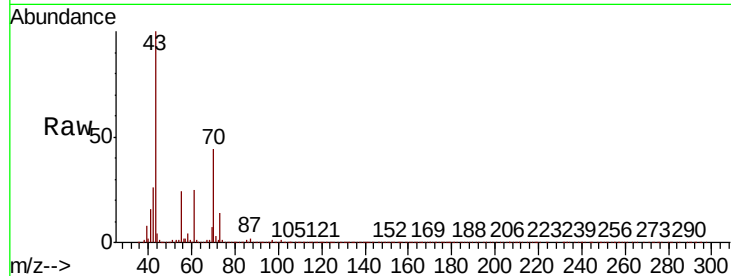
VSTDCCC020EC

Tot Ion: 43 Resp: 301909

Ion Ratio Lower Upper

43 100

55 24.2 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 17.782 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013547.D

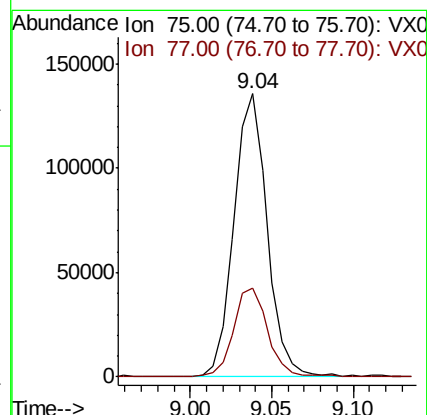
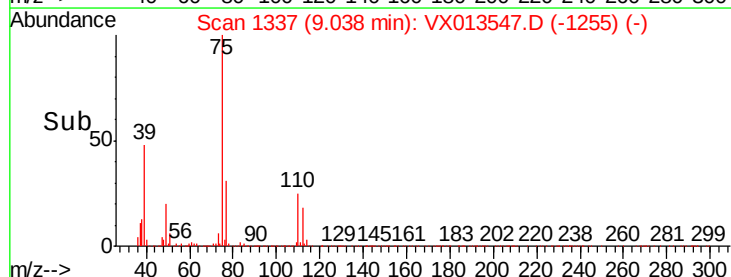
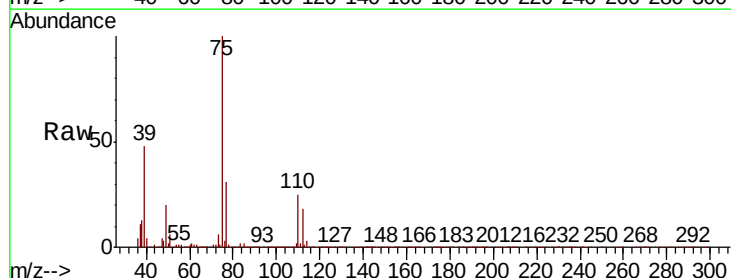
Acq: 22 Nov 2019 20:37

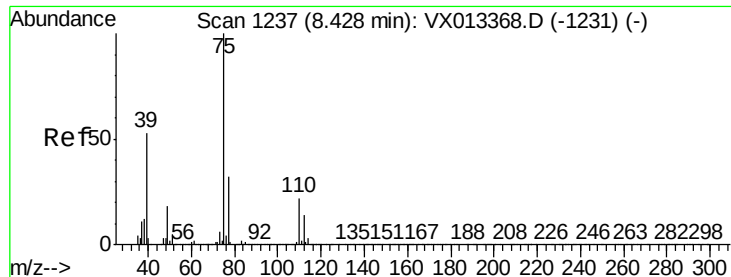
Tgt Ion: 75 Resp: 191474

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



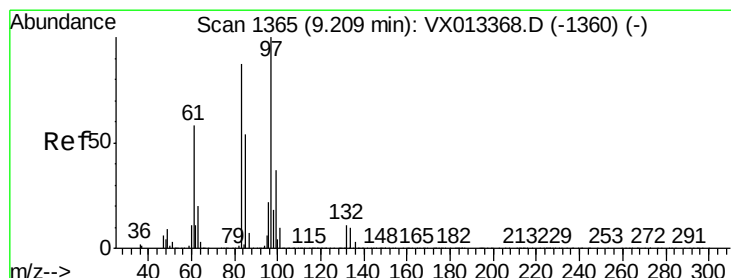
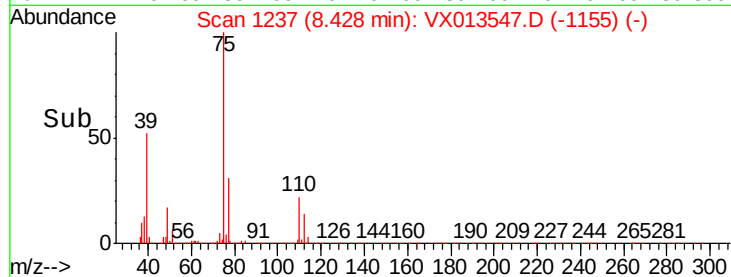
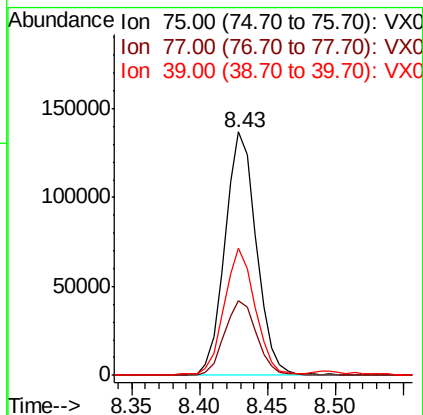
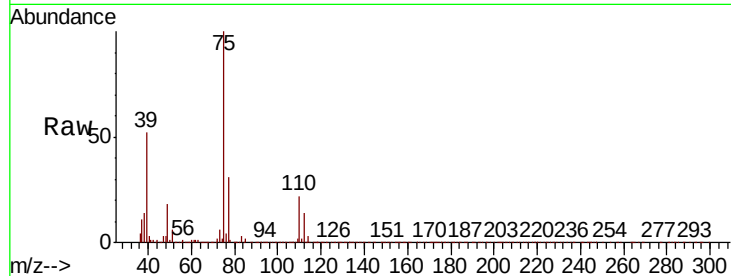


#49

cis-1,3-Dichloropropene
 Concen: 18.578 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

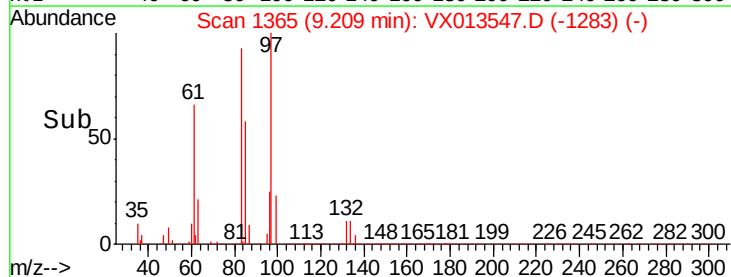
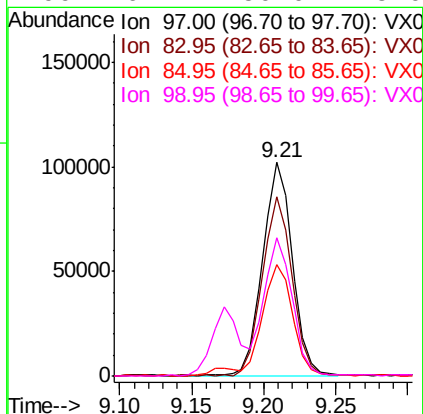
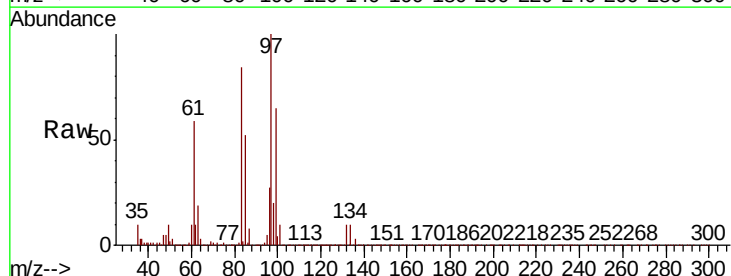
Tot Ion:	75	Resp:	219199
Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.8
39	51.8	42.2	63.4

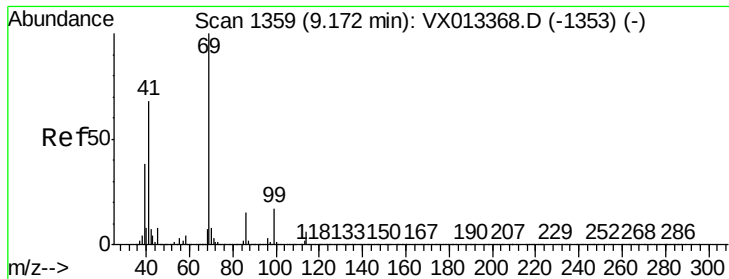


#50

1,1,2-Trichloroethane
 Concen: 19.978 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion:	97	Resp:	145423
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.6	104.4
85	52.2	45.5	68.3
99	64.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.154 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

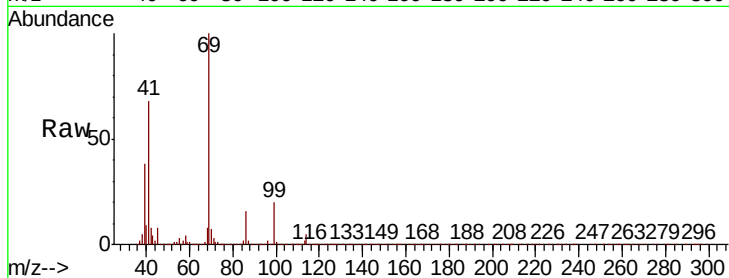
Tot Ion: 69 Resp: 229568

Ion Ratio Lower Upper

69 100

41 68.1 33.9 101.6

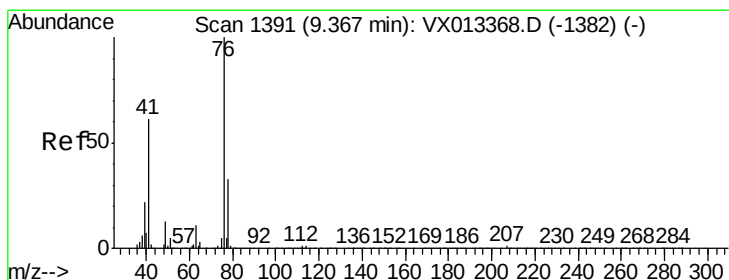
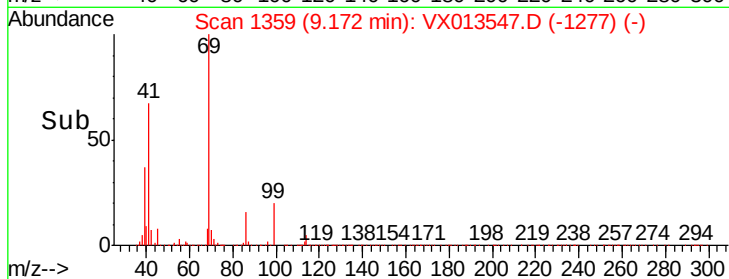
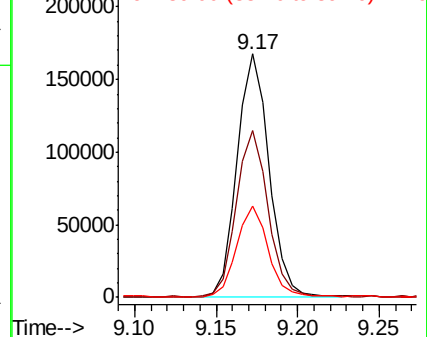
39 37.4 18.8 56.4



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



#52

1,3-Dichloropropane

Concen: 19.917 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013547.D

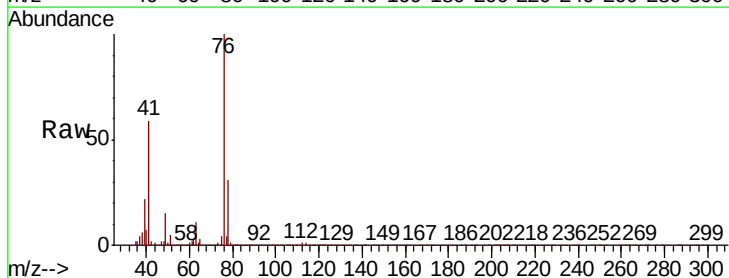
Acq: 22 Nov 2019 20:37

Tgt Ion: 76 Resp: 247851

Ion Ratio Lower Upper

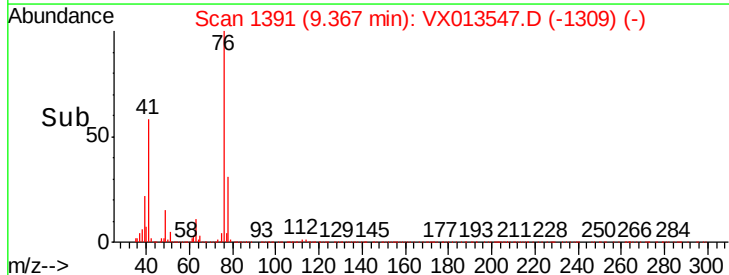
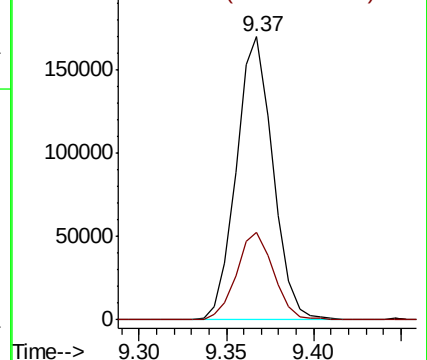
76 100

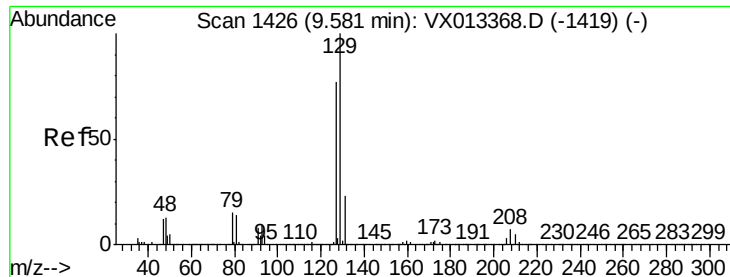
78 31.3 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.815 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

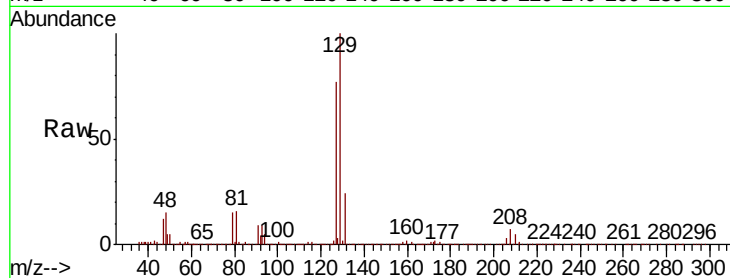
VSTDCCC020EC

Tot Ion:129 Resp: 145159

Ion Ratio Lower Upper

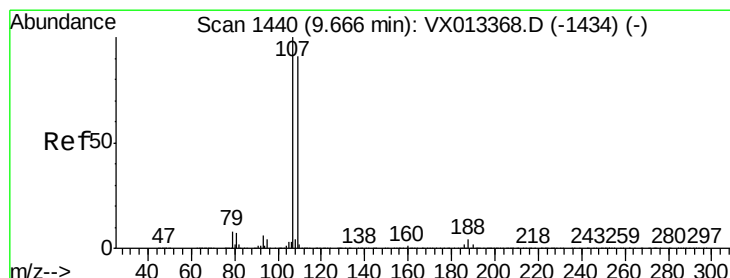
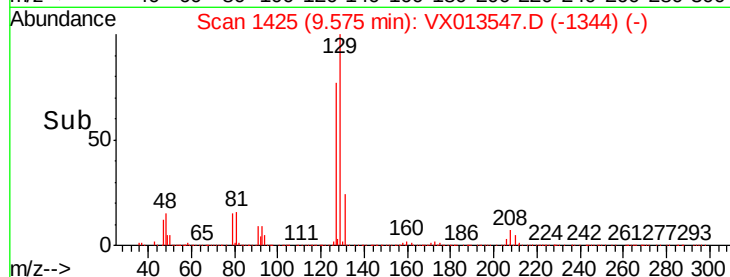
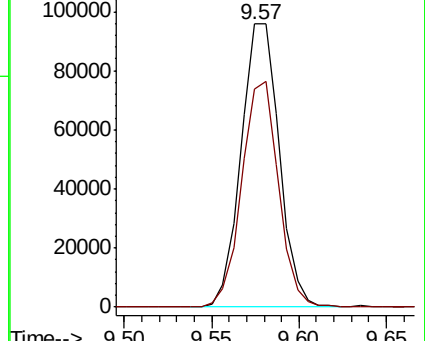
129 100

127 76.7 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.579 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013547.D

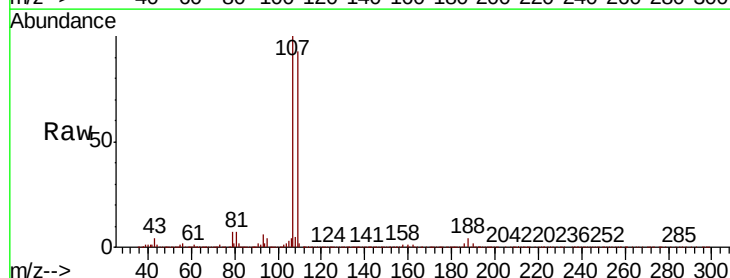
Acq: 22 Nov 2019 20:37

Tgt Ion:107 Resp: 152397

Ion Ratio Lower Upper

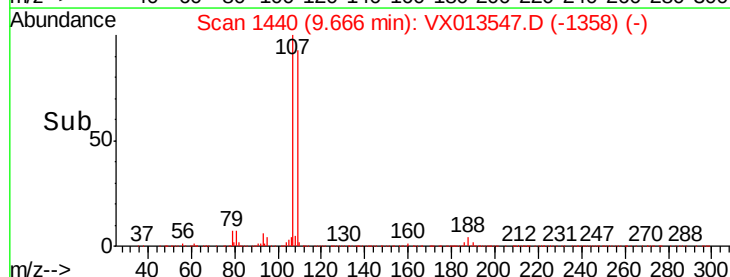
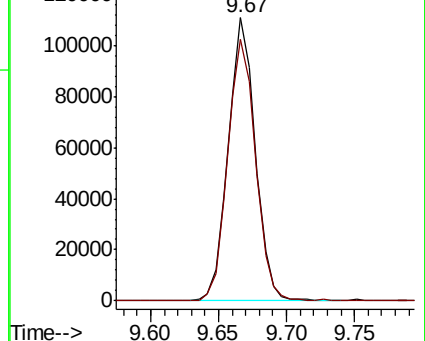
107 100

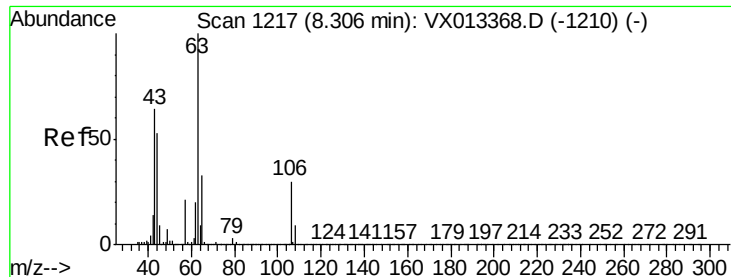
109 94.8 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

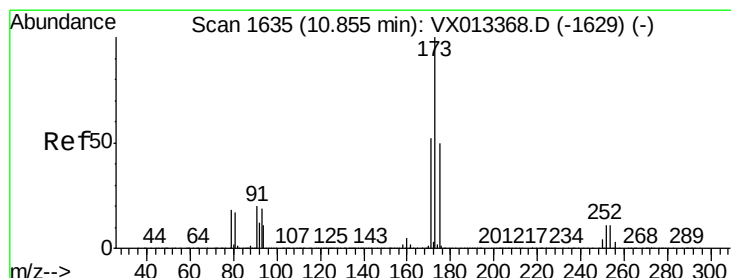
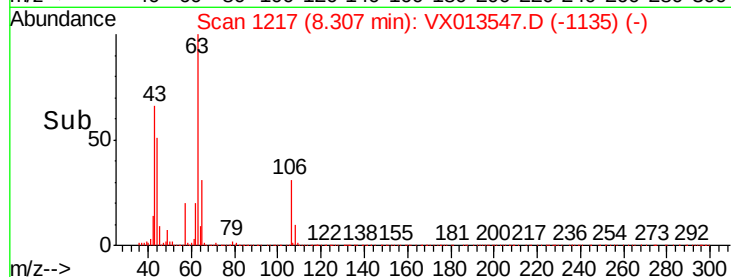
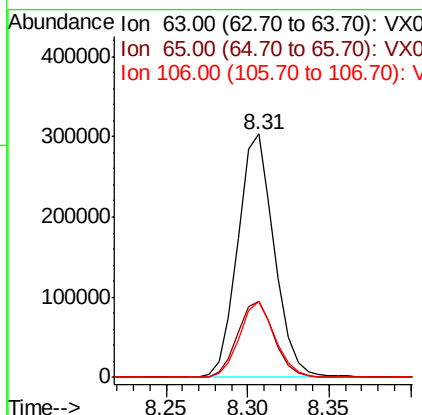
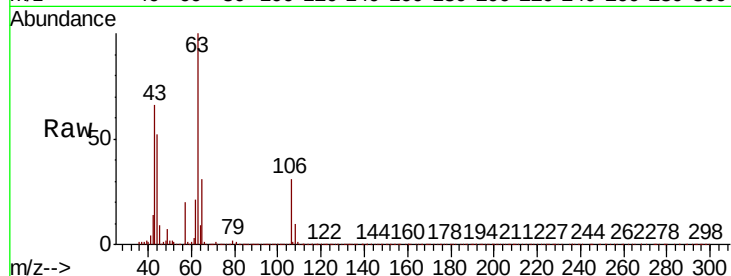




#55
2-Chloroethyl vinyl ether
Concen: 91.403 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

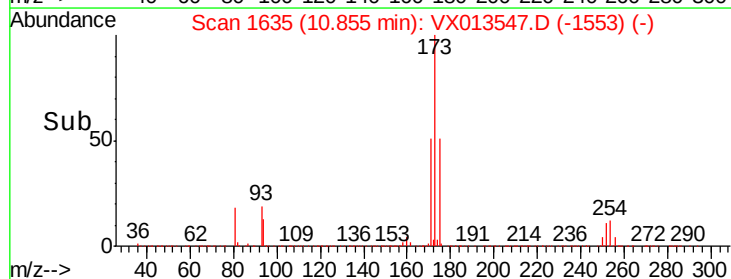
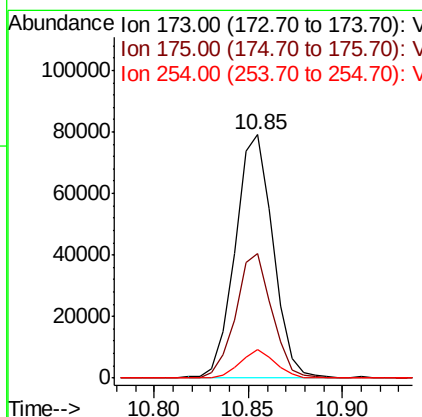
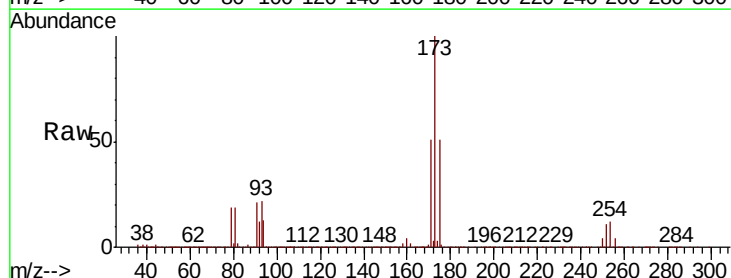
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

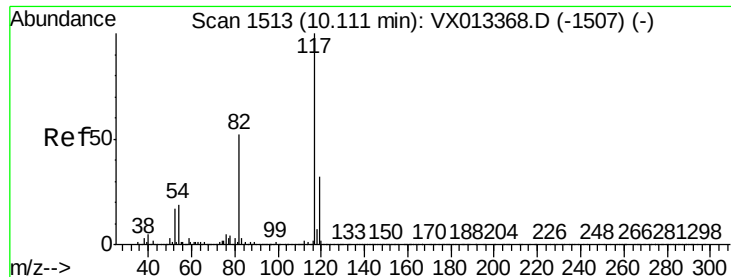
Tot Ion: 63 Resp: 468077
Ion Ratio Lower Upper
63 100
65 31.7 26.0 39.0
106 30.3 23.5 35.3



#56
Bromoform
Concen: 17.876 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 173 Resp: 109750
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.0
254 11.1 8.6 12.8

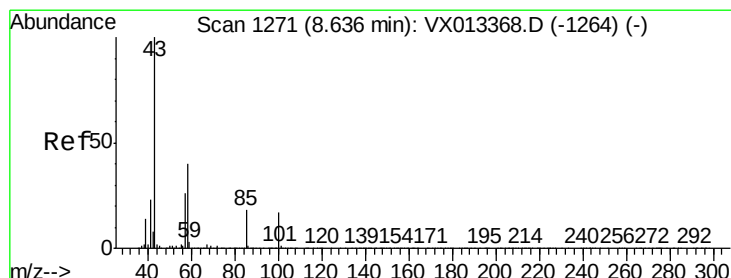
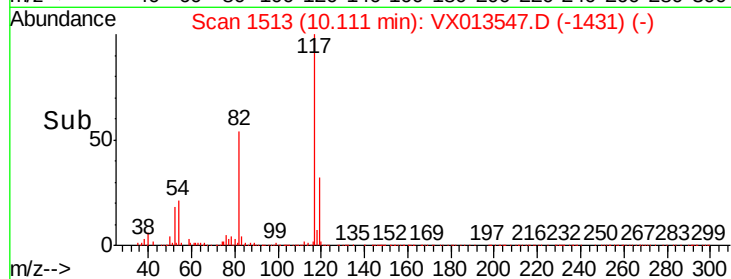
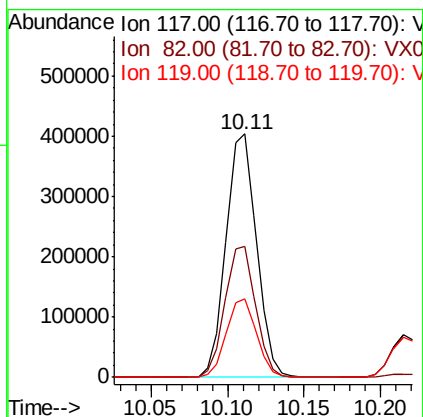
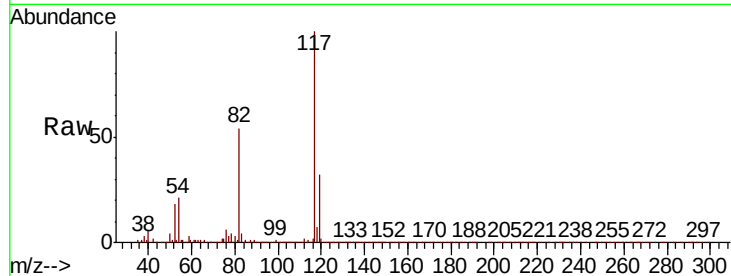




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

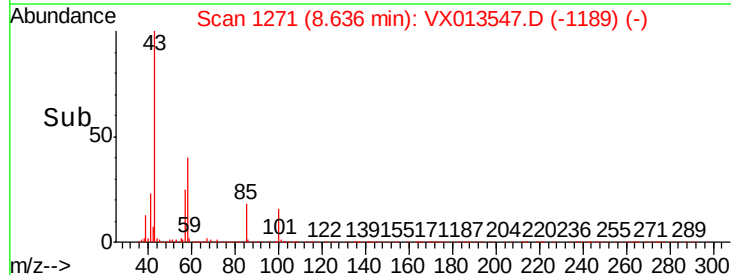
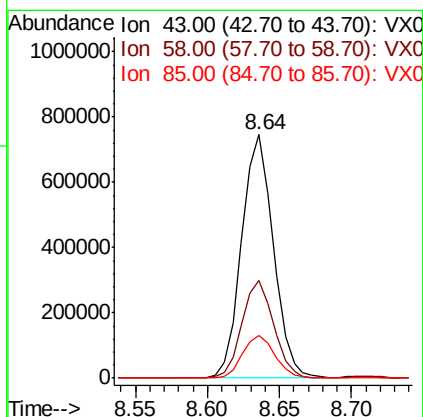
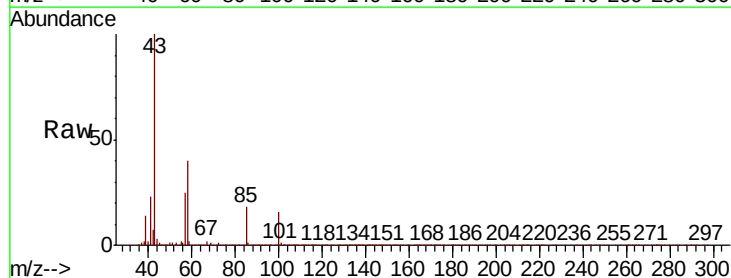
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

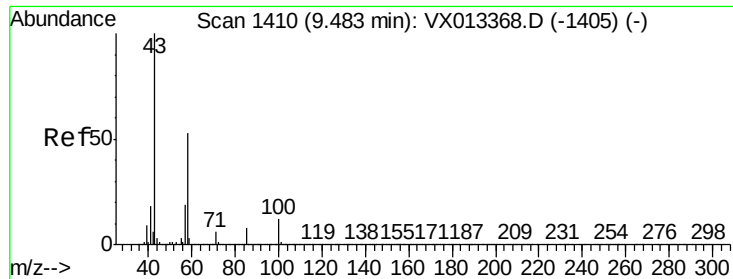
Tot Ion:117 Resp: 559234
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 31.9 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 97.607 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 43 Resp: 1140296
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4
85 17.9 14.2 21.2

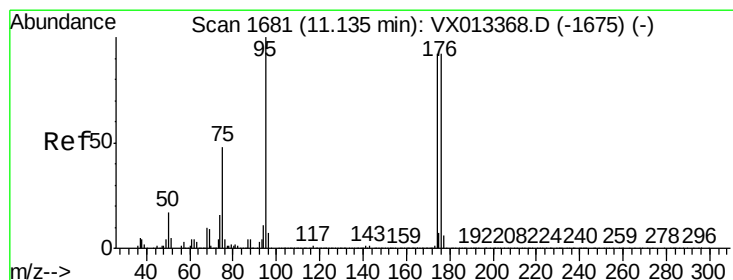
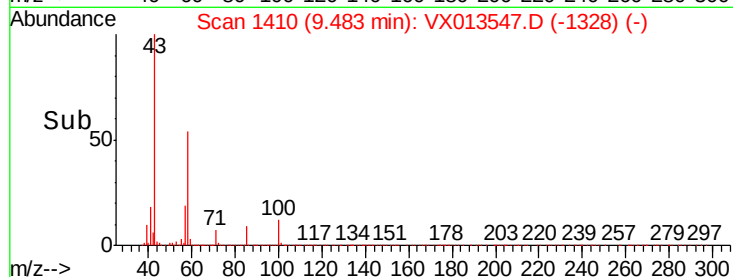
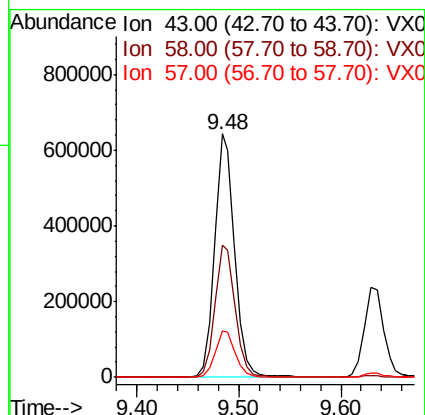
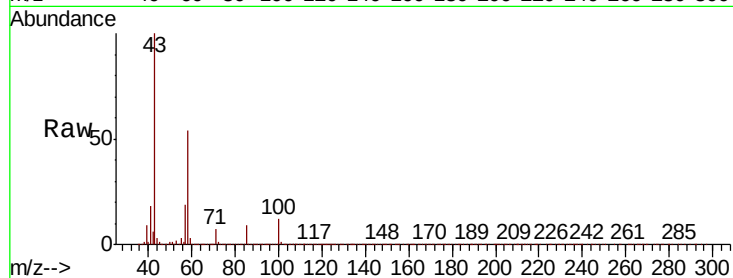




#59
2-Hexanone
Concen: 95.902 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

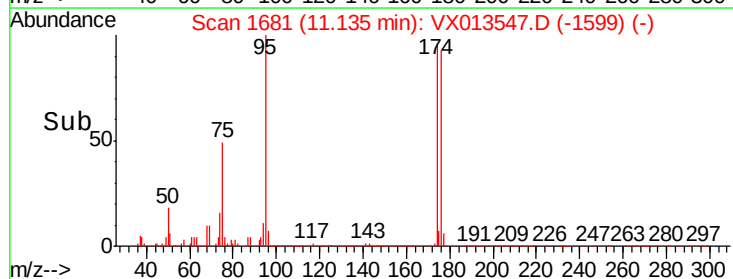
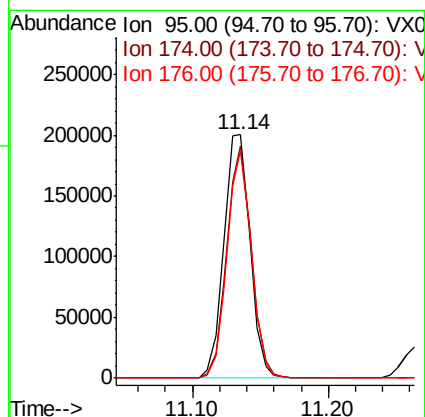
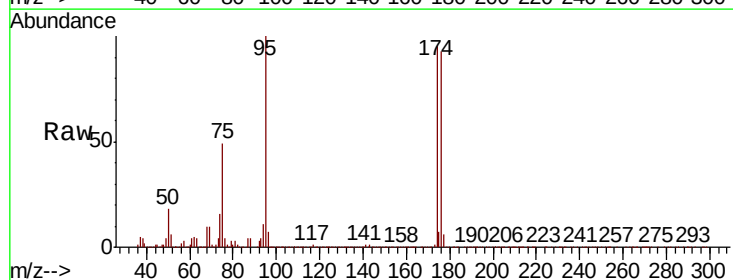
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

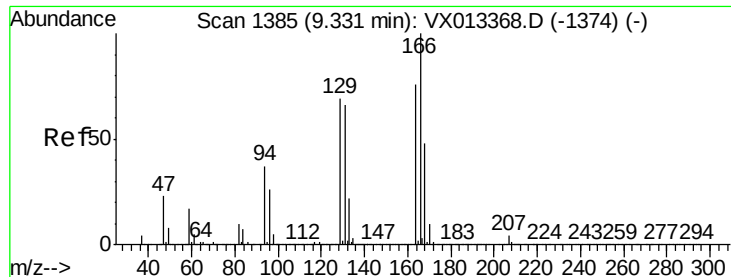
Tot Ion: 43 Resp: 886472
Ion Ratio Lower Upper
43 100
58 55.2 43.8 65.6
57 18.8 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.796 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 95 Resp: 267822
Ion Ratio Lower Upper
95 100
174 88.9 70.2 105.2
176 86.7 68.3 102.5

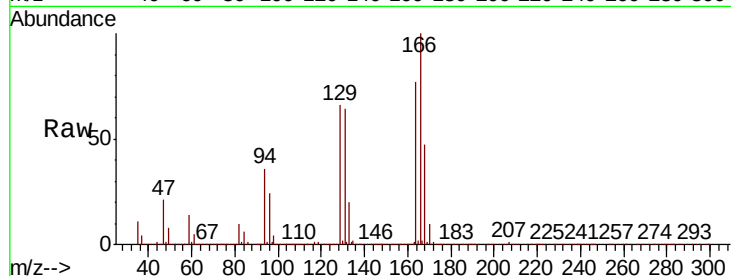




#61
Tetrachloroethene
Concen: 30.557 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.9	104.9	157.3
129	86.0	72.3	108.5
131	82.7	69.0	103.6



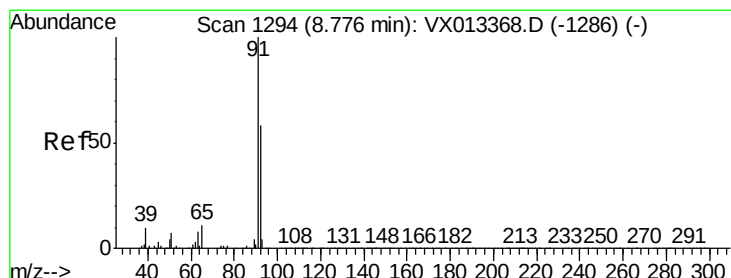
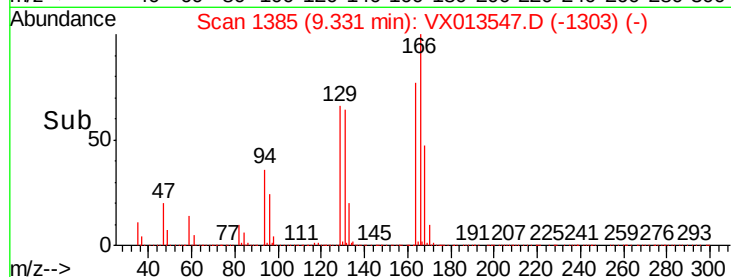
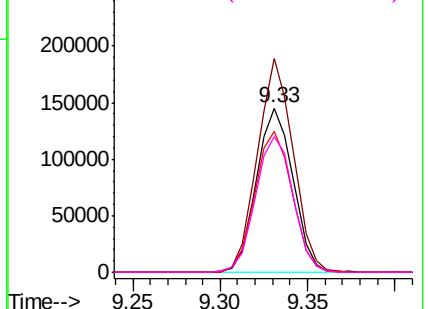
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

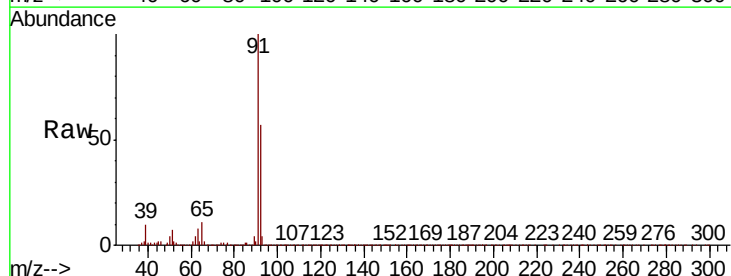
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 19.531 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

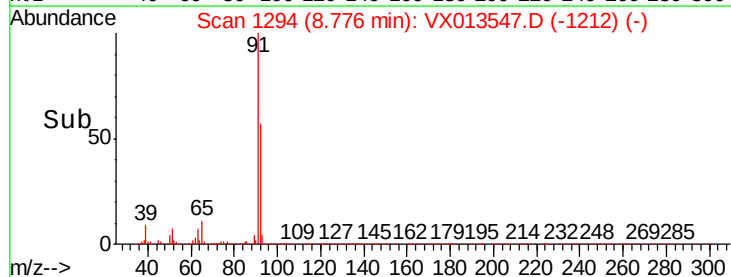
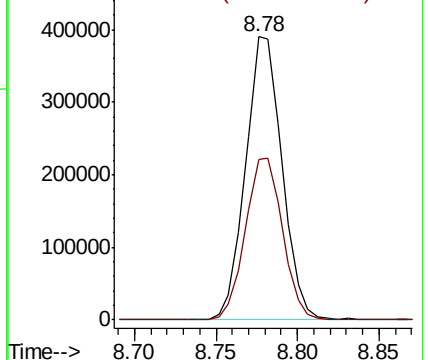
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.6	69.8

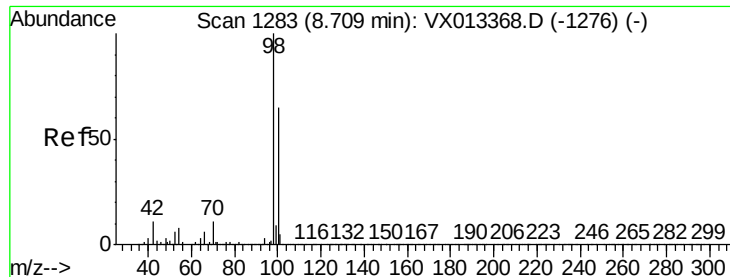


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.331 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

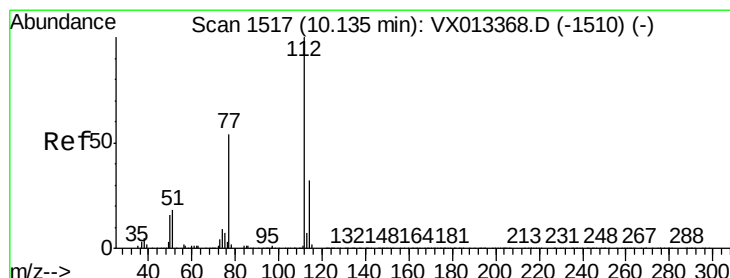
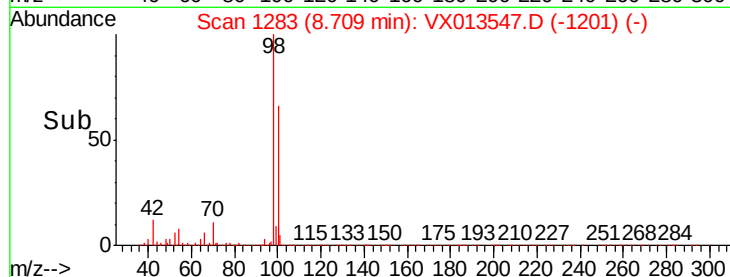
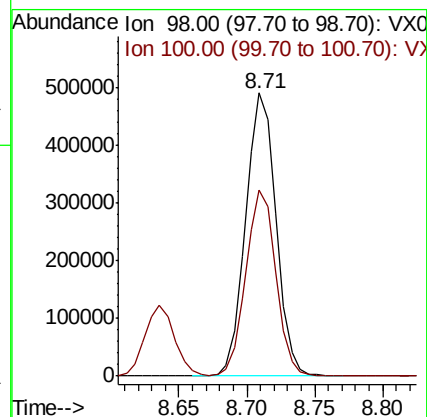
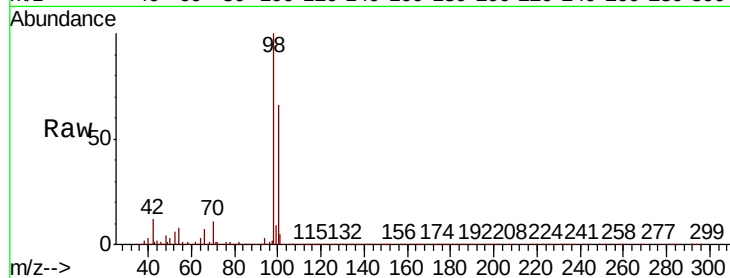
VSTDCCC020EC

Tot Ion: 98 Resp: 767019

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7



#64

Chlorobenzene

Concen: 19.419 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013547.D

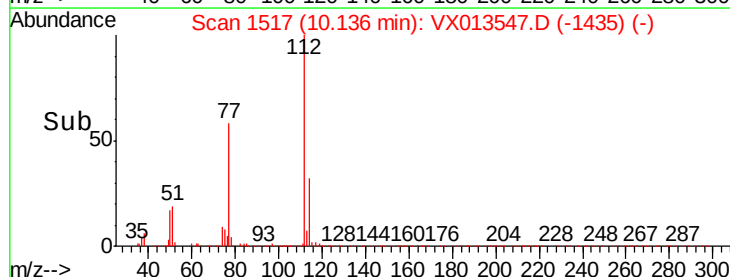
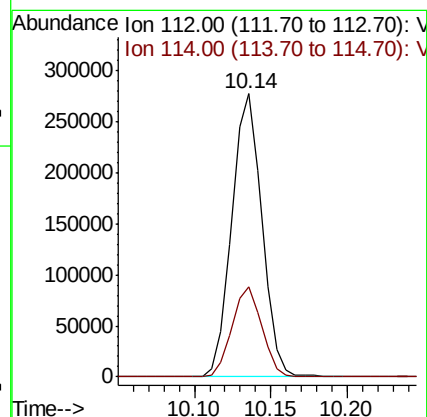
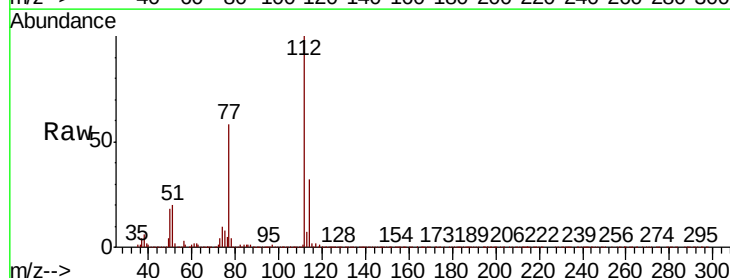
Acq: 22 Nov 2019 20:37

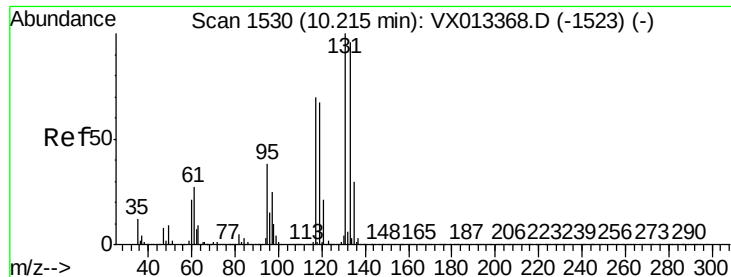
Tgt Ion: 112 Resp: 378234

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5

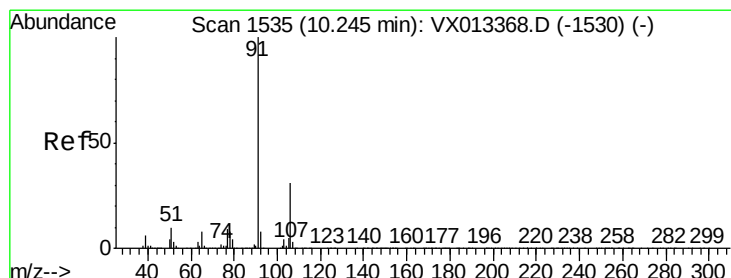
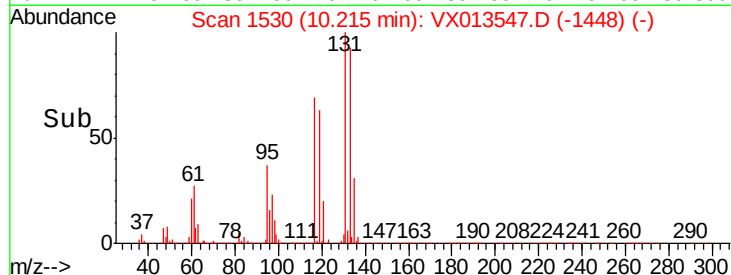
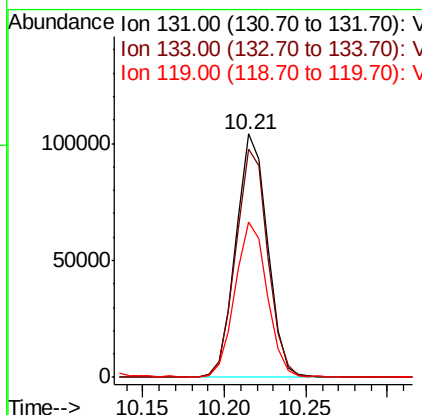
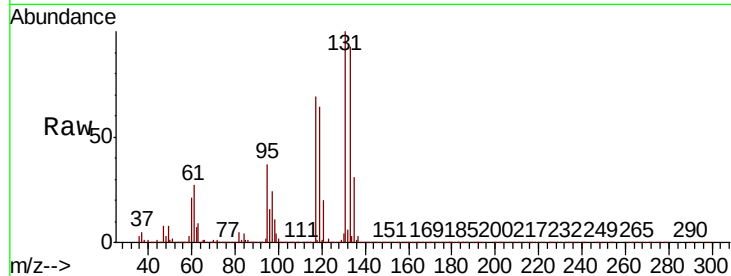




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.340 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

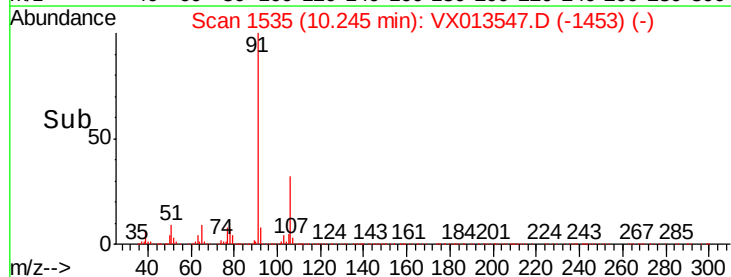
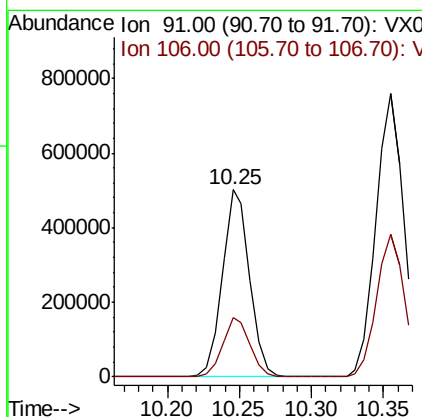
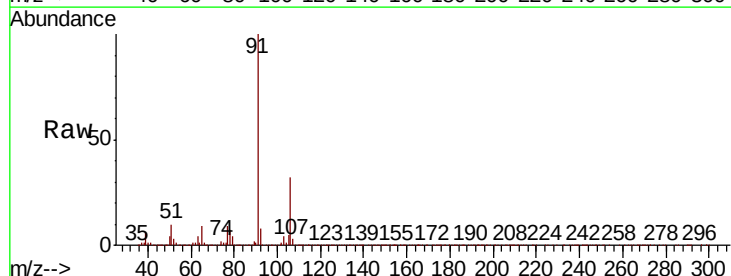
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

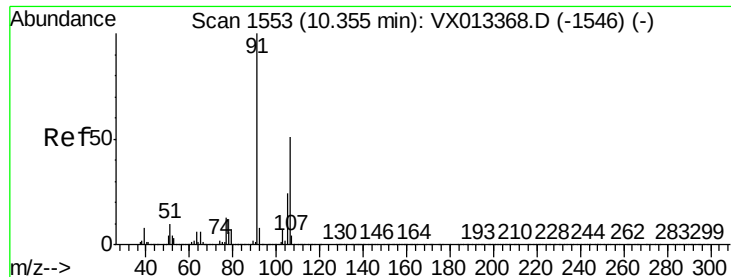
Tot Ion	Ratio	Lower	Upper
131	100		
133	94.2	0.0	192.2
119	64.3	0.0	134.4



#66
 Ethyl Benzene
 Concen: 19.347 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.0	37.4





#67

m/p-Xylenes

Concen: 38.292 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

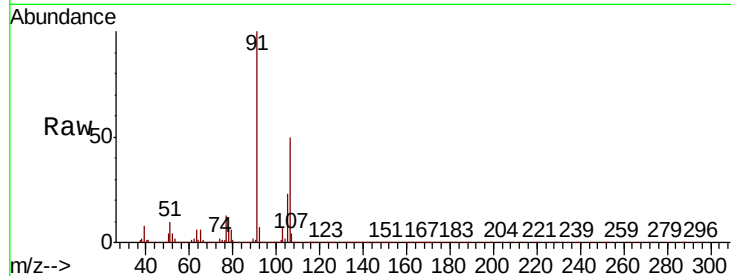
VSTDCCC020EC

Tot Ion:106 Resp: 505489

Ion Ratio Lower Upper

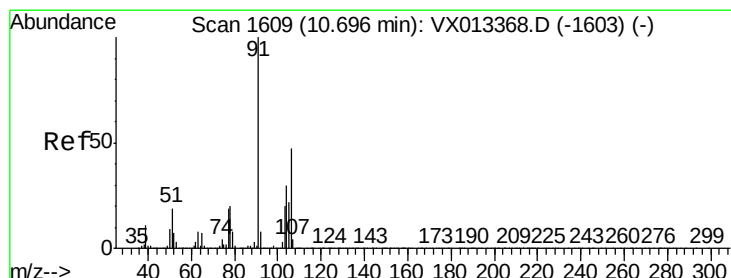
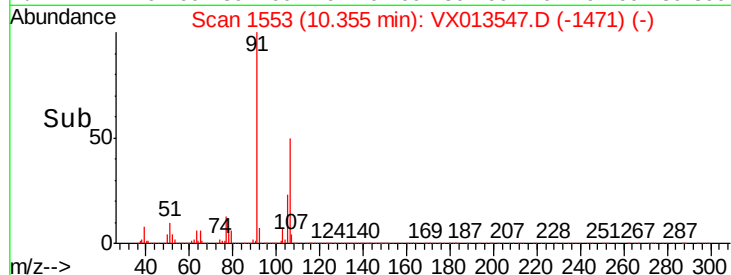
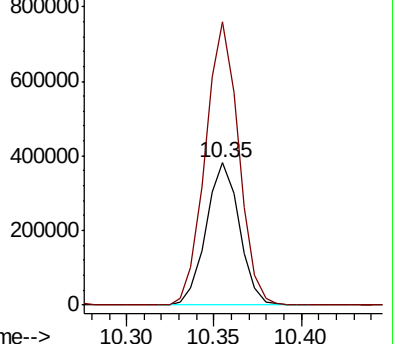
106 100

91 198.4 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.586 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013547.D

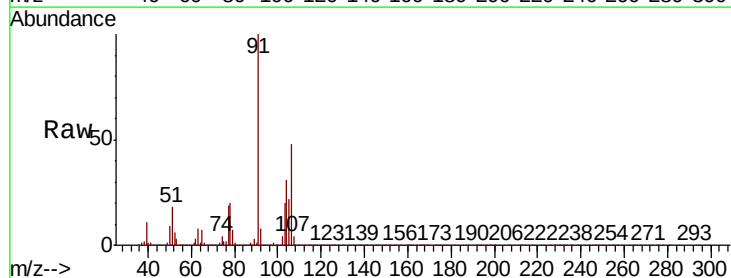
Acq: 22 Nov 2019 20:37

Tgt Ion:106 Resp: 249521

Ion Ratio Lower Upper

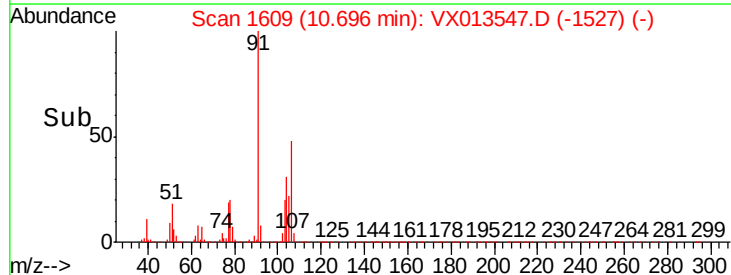
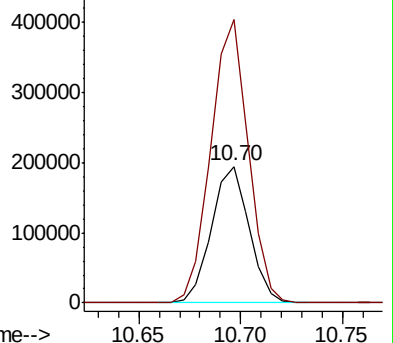
106 100

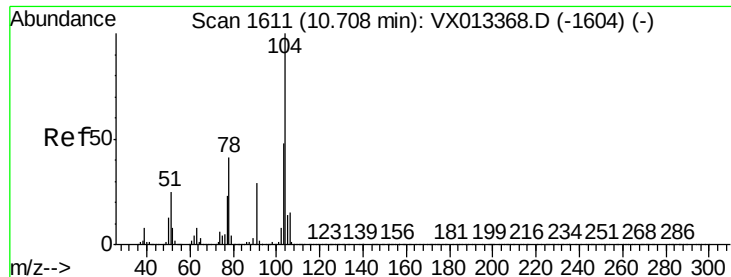
91 206.3 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

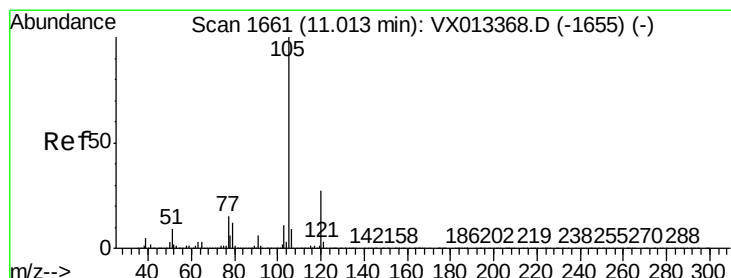
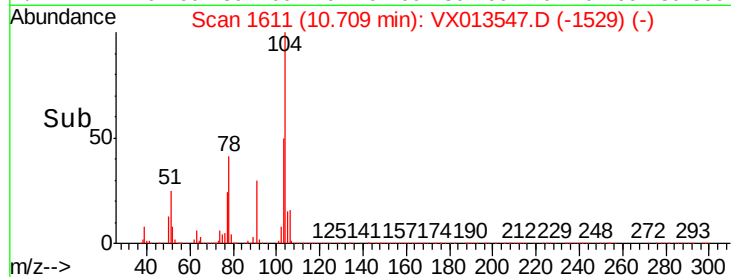
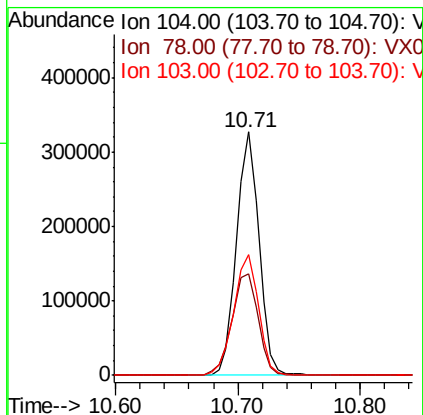
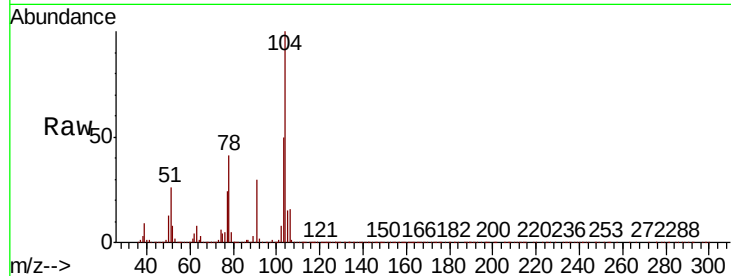




#69
Stvrene
Concen: 19.022 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

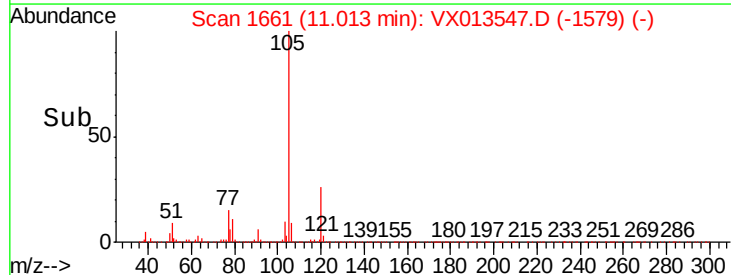
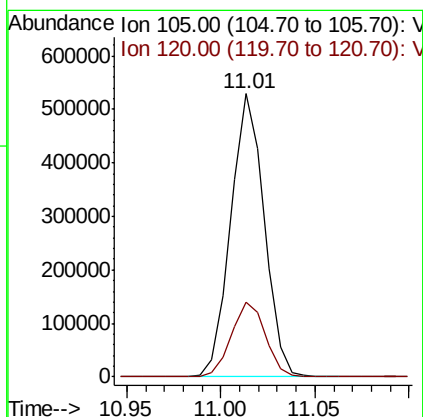
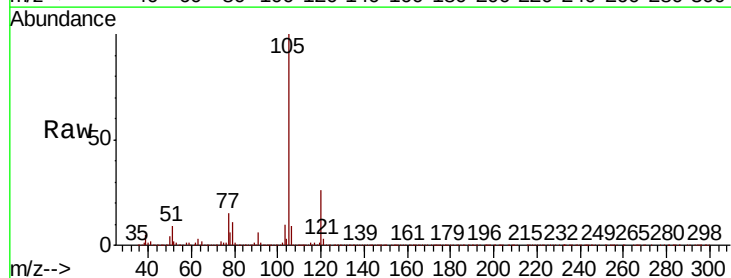
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

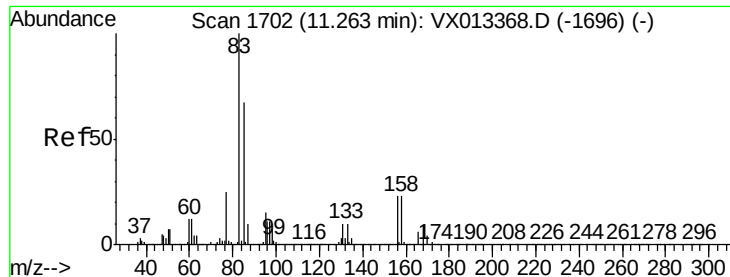
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.2	57.4
103	54.9	43.2	64.8



#70
Isopropylbenzene
Concen: 19.439 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.8	34.8

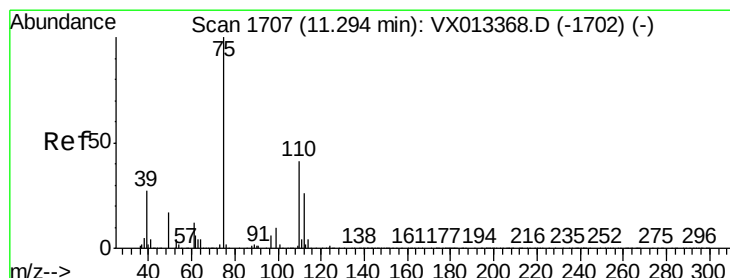
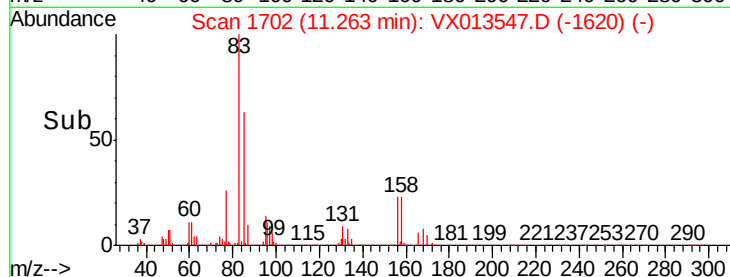
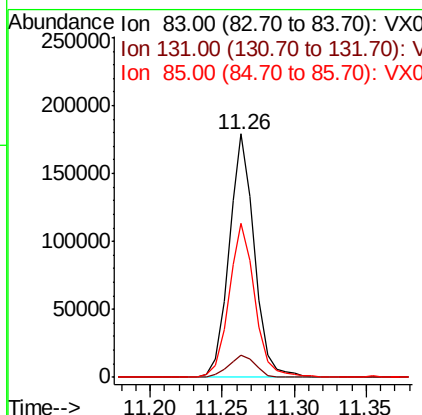
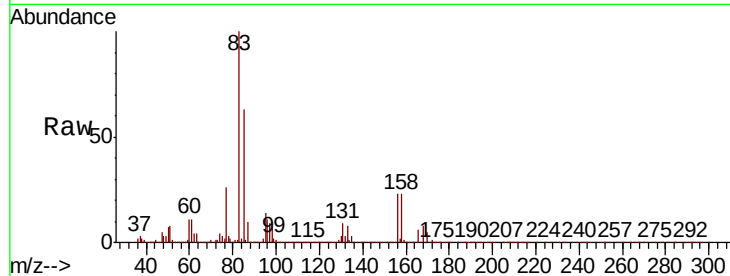




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.270 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

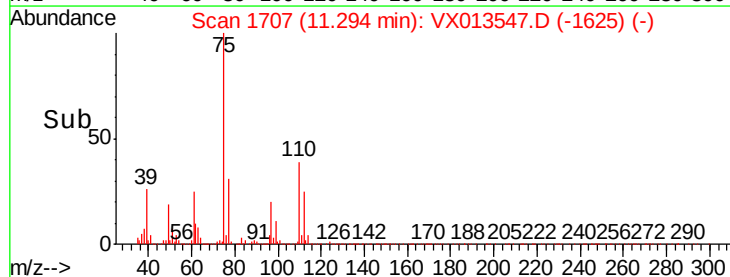
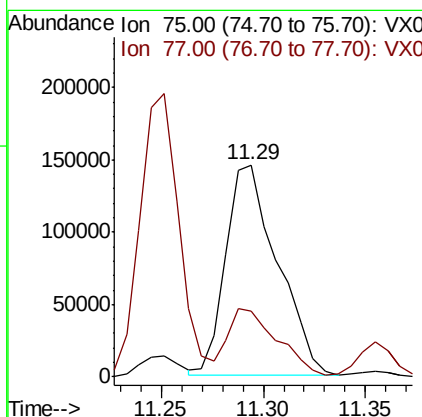
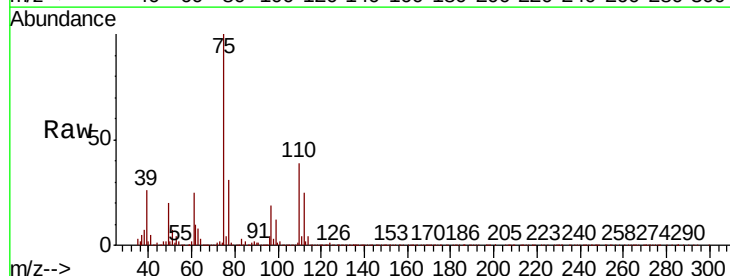
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

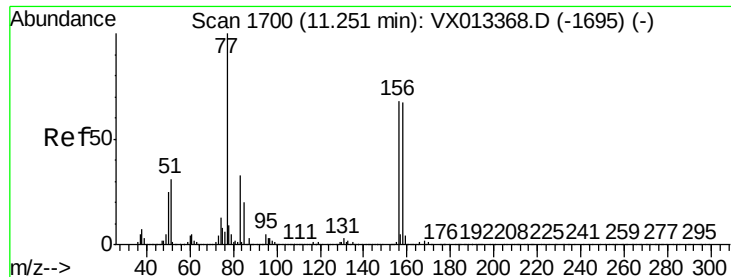
Tot Ion	83	Resp	219609
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.7	14.1
85	64.8	32.6	97.7



#72
 1,2,3-Trichloropropane
 Concen: 25.193 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	75	Resp	255689
Ion Ratio	Lower	Upper	
75	100		
77	29.2	0.0	86.2





#73

Bromobenzene

Concen: 19.101 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

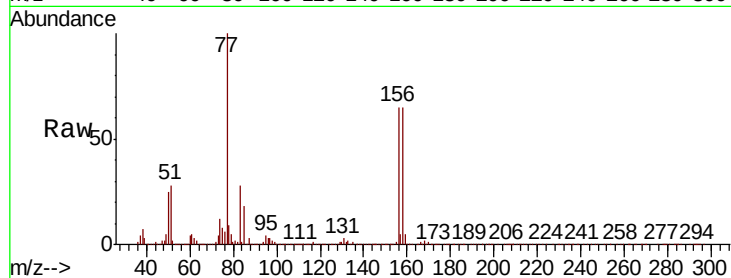
Tot Ion:156 Resp: 169103

Ion Ratio Lower Upper

156 100

77 152.9 0.0 308.8

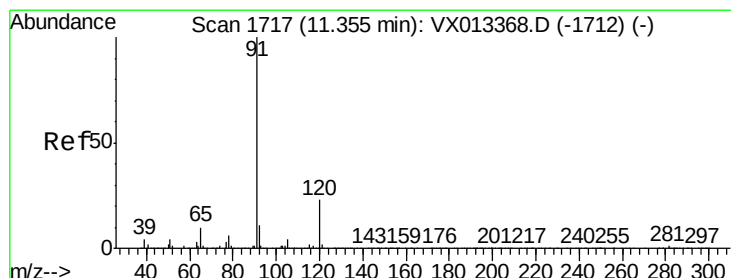
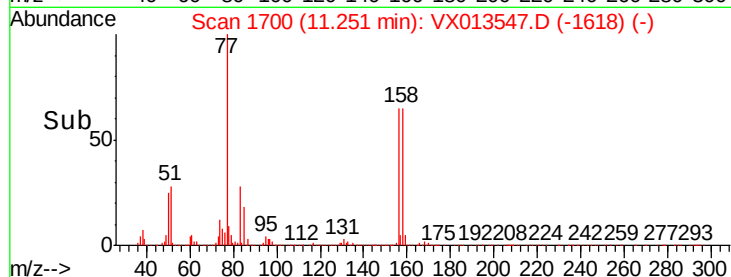
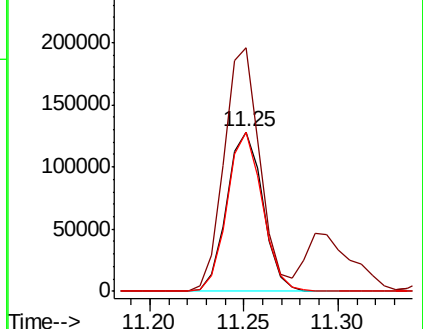
158 98.0 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.343 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013547.D

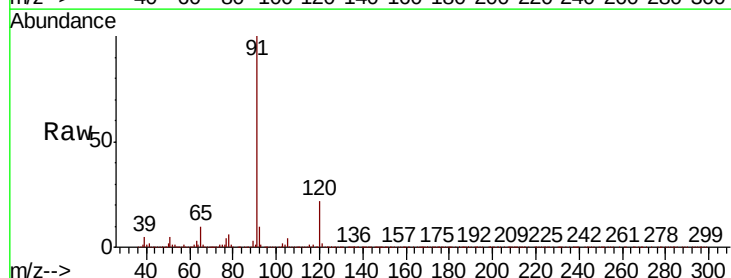
Acq: 22 Nov 2019 20:37

Tgt Ion: 91 Resp: 737939

Ion Ratio Lower Upper

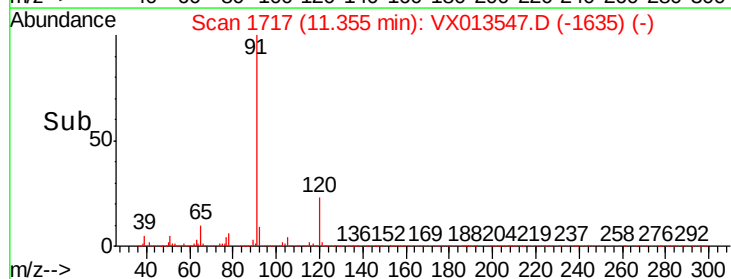
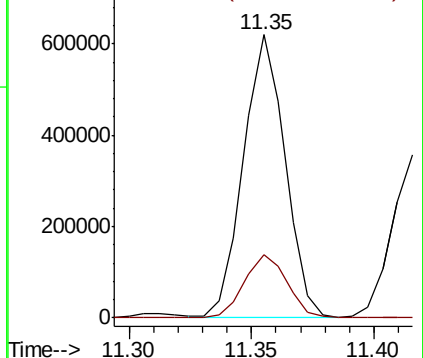
91 100

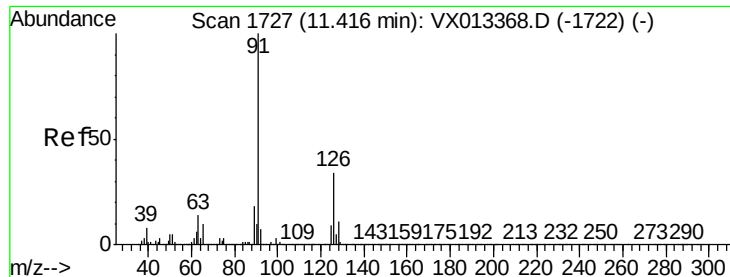
120 23.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.404 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

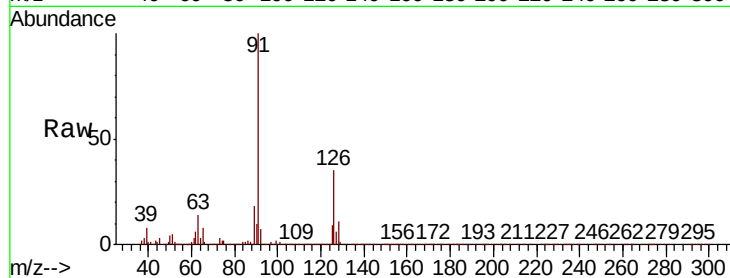
VSTDCCC020EC

Tot Ion: 91 Resp: 440212

Ion Ratio Lower Upper

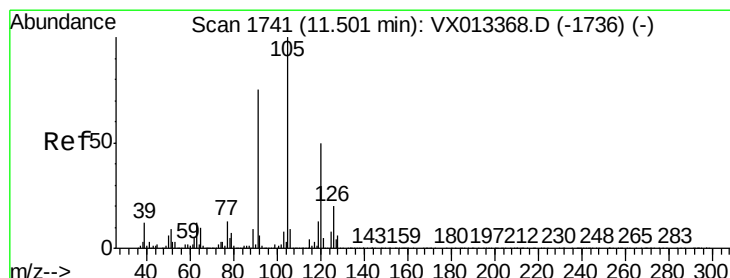
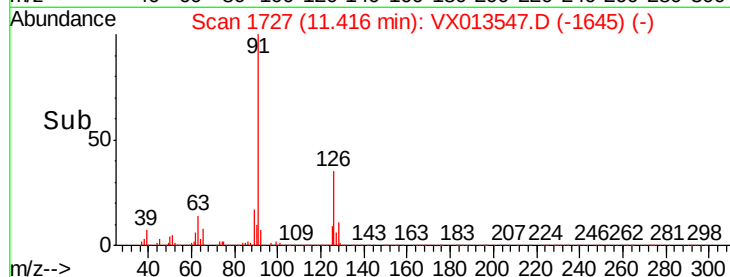
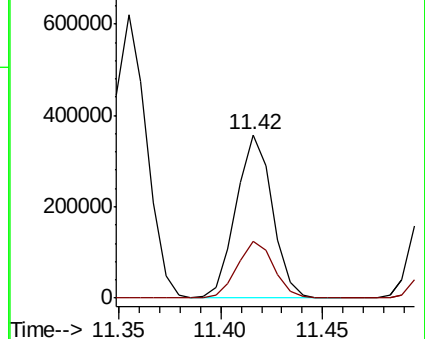
91 100

126 35.0 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.270 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013547.D

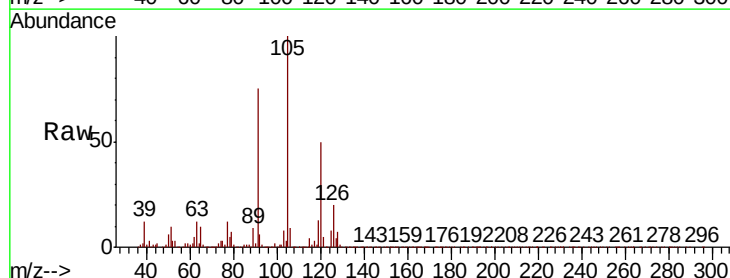
Acq: 22 Nov 2019 20:37

Tgt Ion: 105 Resp: 543746

Ion Ratio Lower Upper

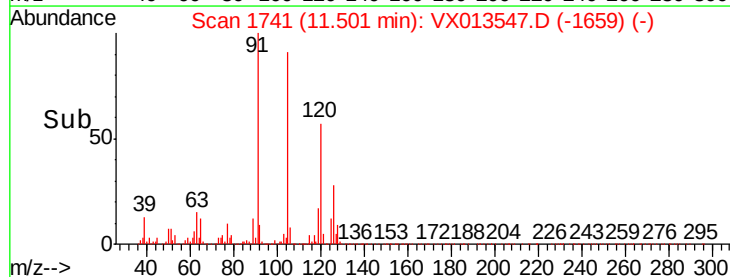
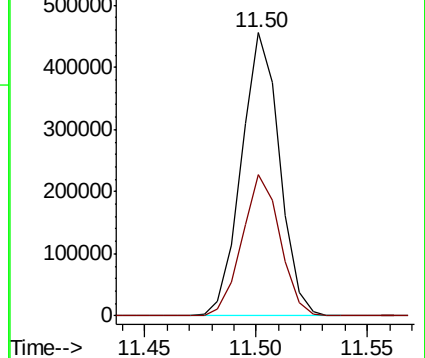
105 100

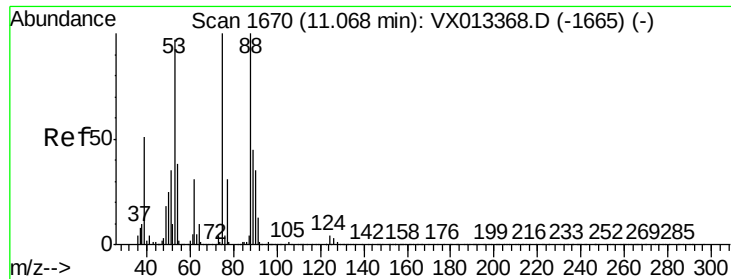
120 49.7 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

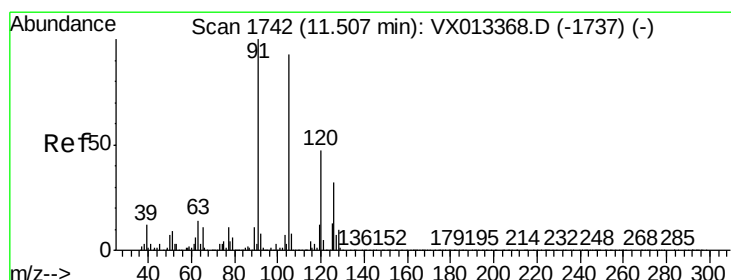
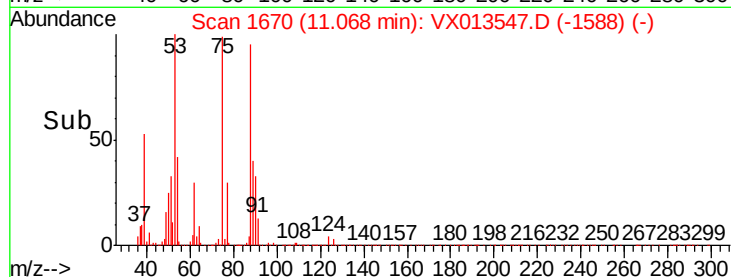
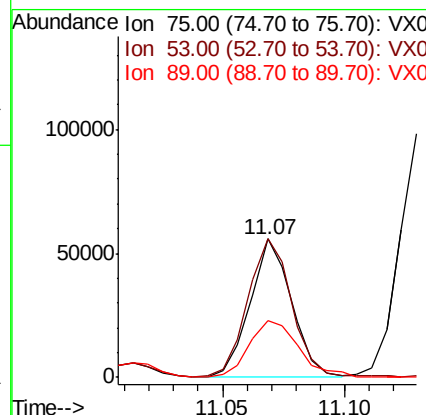
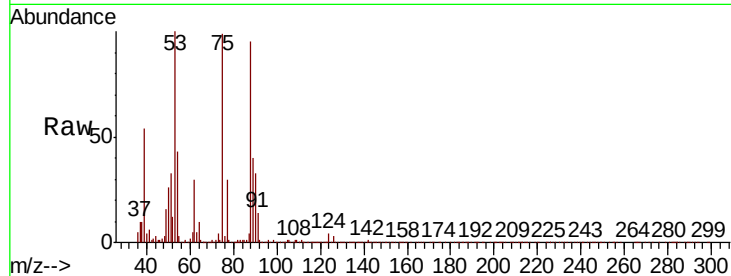




#77
t-1,4-Dichloro-2-butene
Concen: 15.840 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

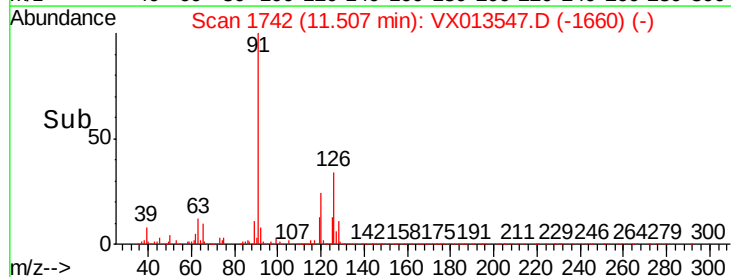
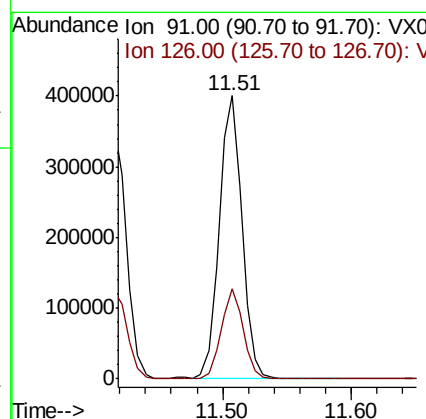
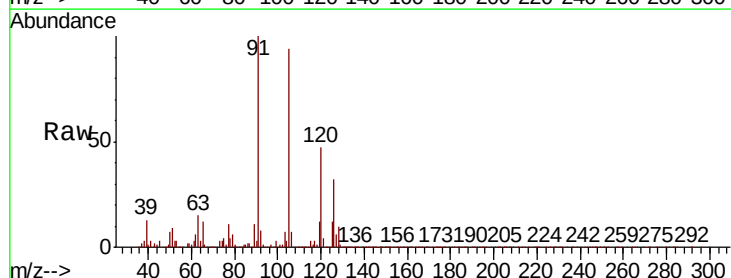
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

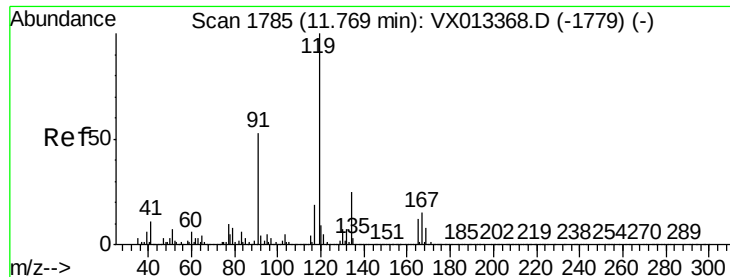
Tot Ion: 75 Resp: 65004
Ion Ratio Lower Upper
75 100
53 100.5 48.8 146.3
89 40.5 22.3 66.8



#78
4-Chlorotoluene
Concen: 19.125 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 91 Resp: 497110
Ion Ratio Lower Upper
91 100
126 31.0 0.0 61.0

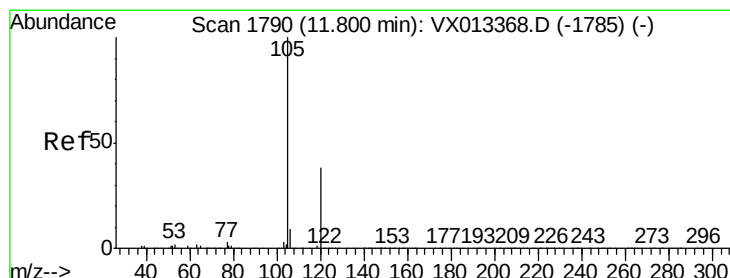
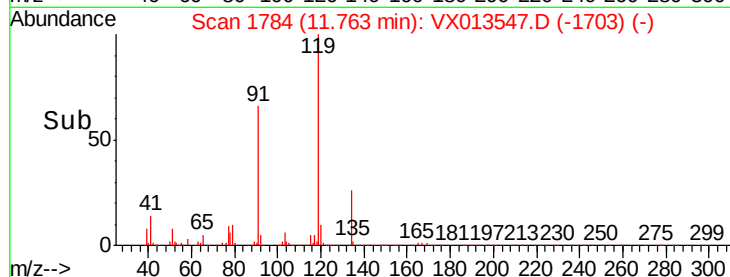
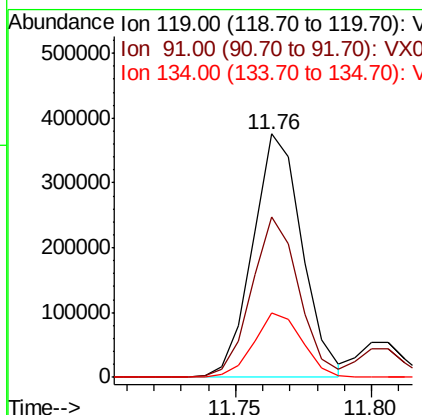
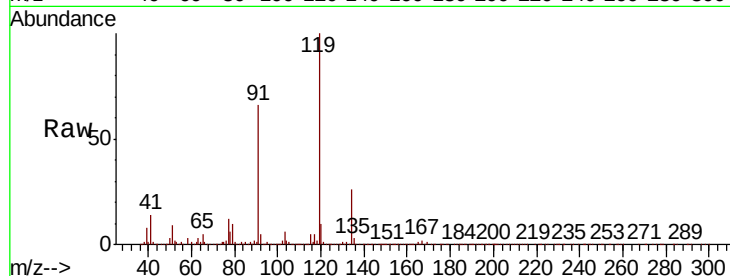




#79
tert-butylbenzene
Concen: 16.605 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

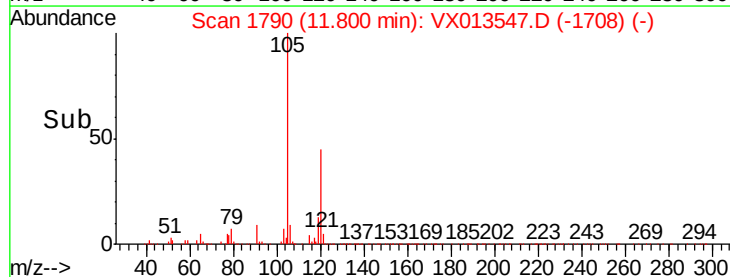
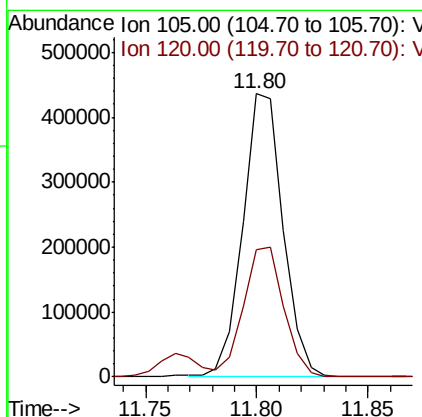
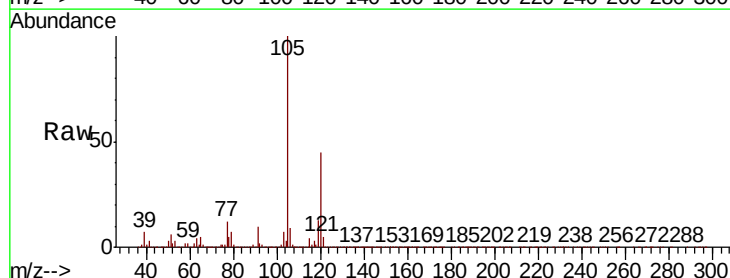
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

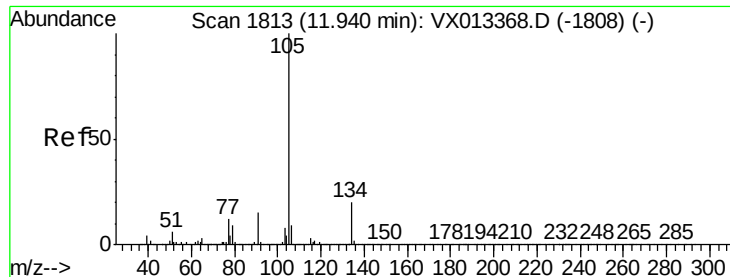
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	0.0	109.6
134	25.9	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 19.568 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	94.0





#81

sec-Butylbenzene

Concen: 19.105 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

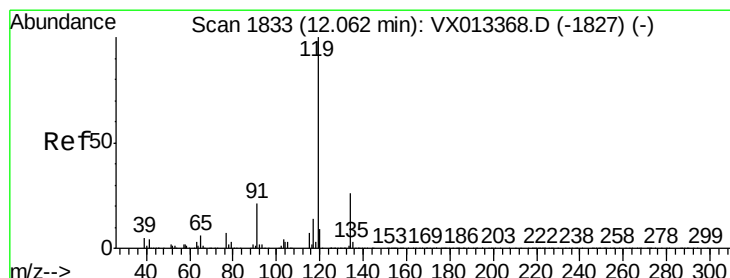
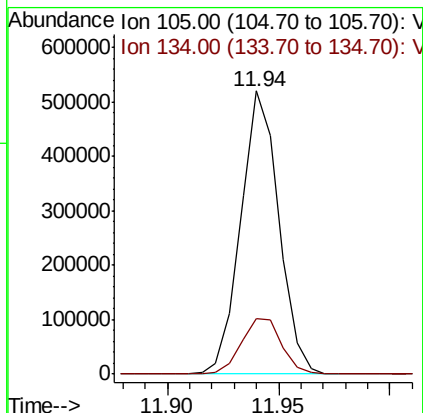
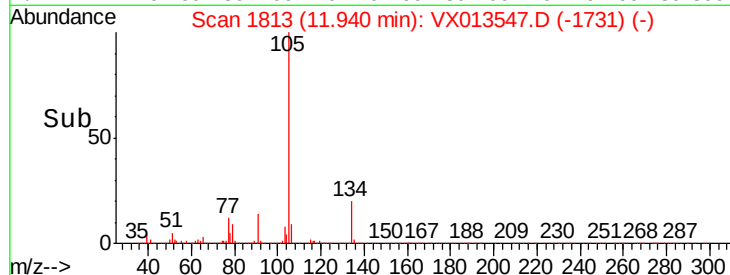
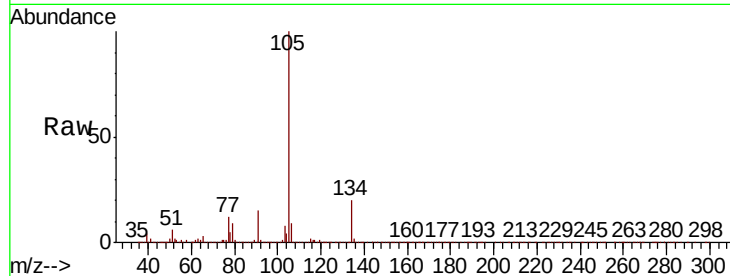
VSTDCCC020EC

Tot Ion:105 Resp: 620582

Ion Ratio Lower Upper

105 100

134 20.9 0.0 41.2



#82

p-Isopropyltoluene

Concen: 18.973 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

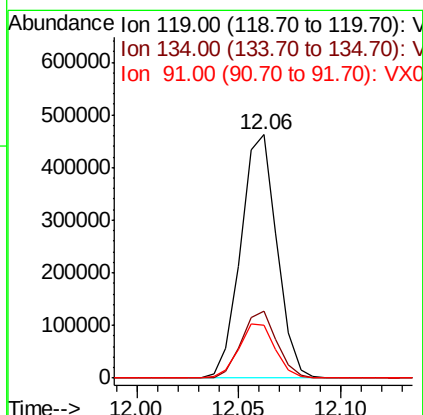
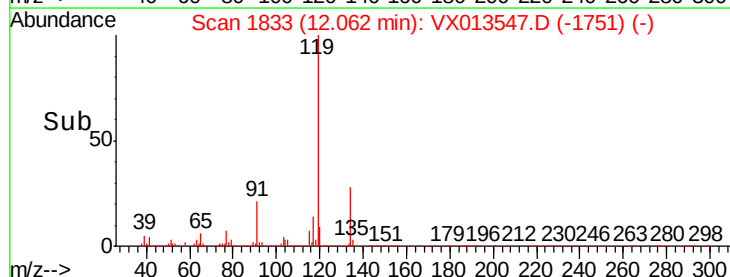
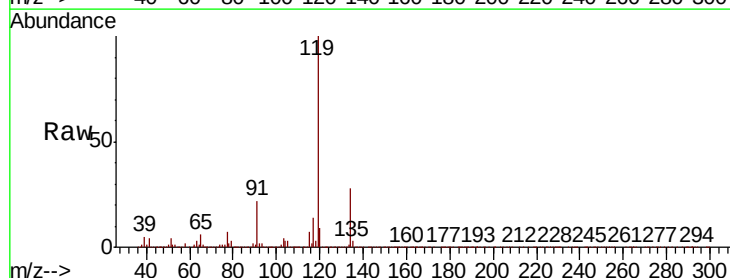
Tgt Ion:119 Resp: 567804

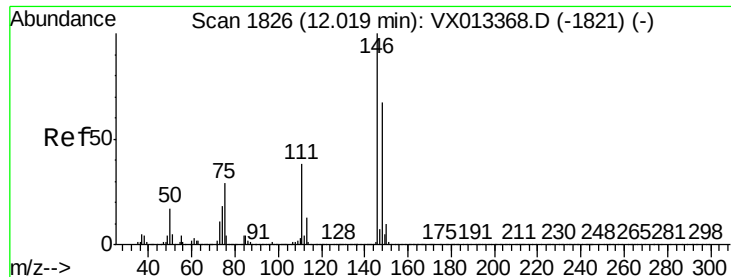
Ion Ratio Lower Upper

119 100

134 26.9 0.0 51.6

91 22.3 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 19.016 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

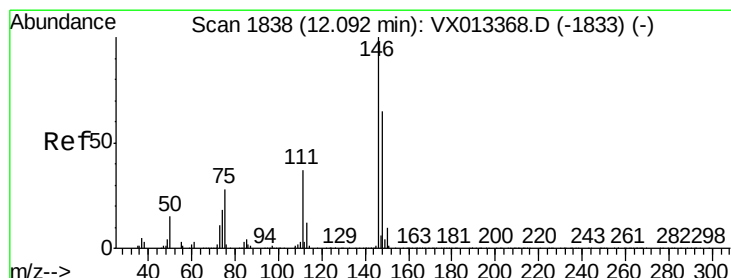
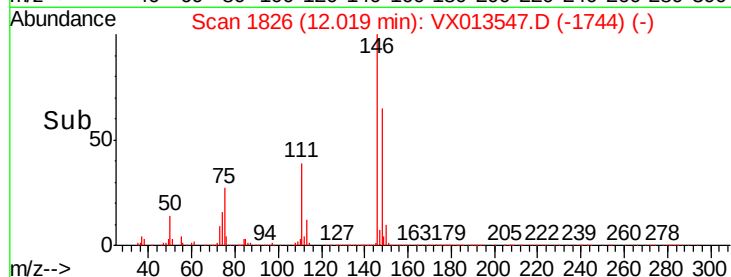
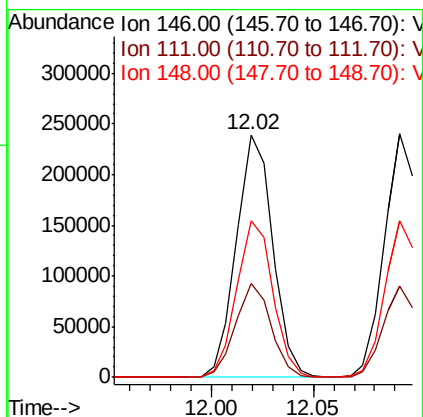
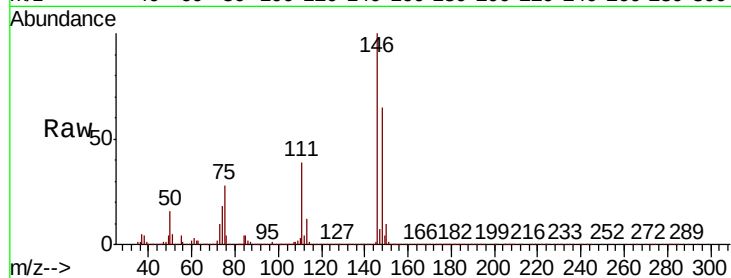
Tot Ion:146 Resp: 295971

Ion Ratio Lower Upper

146 100

111 38.0 18.8 56.3

148 64.7 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 18.975 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

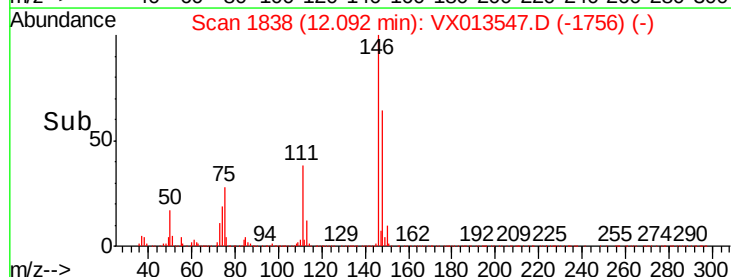
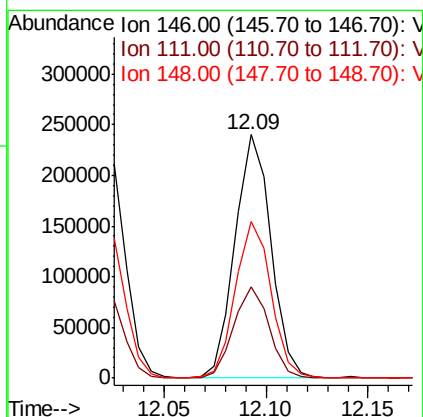
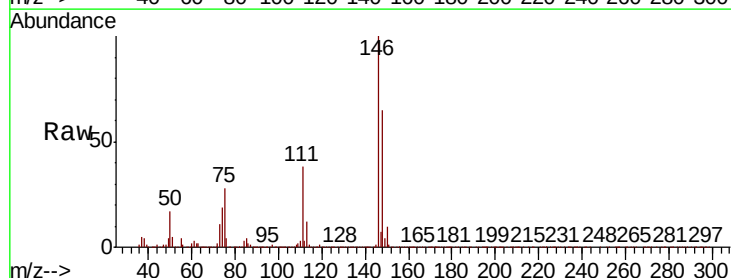
Tgt Ion:146 Resp: 293148

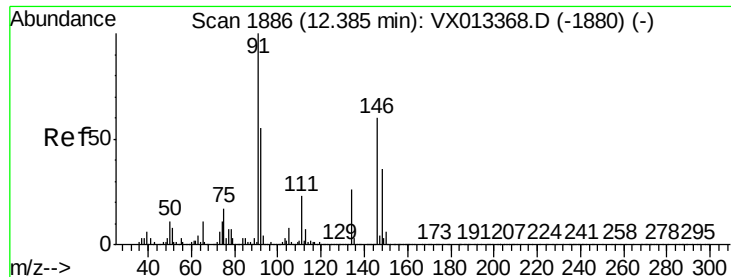
Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.6

148 63.6 32.5 97.4





#85

n-Butylbenzene

Concen: 18.559 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

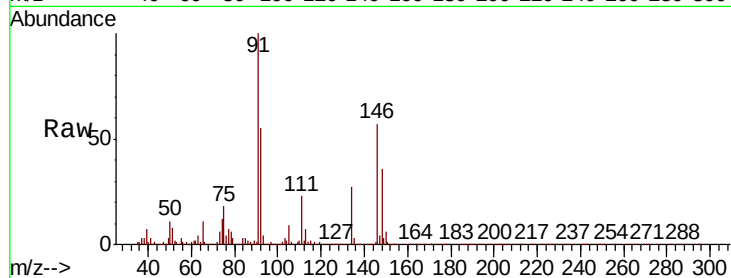
Tot Ion: 91 Resp: 479368

Ion Ratio Lower Upper

91 100

92 54.7 0.0 109.0

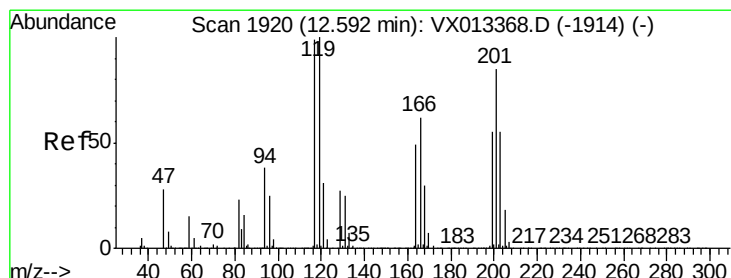
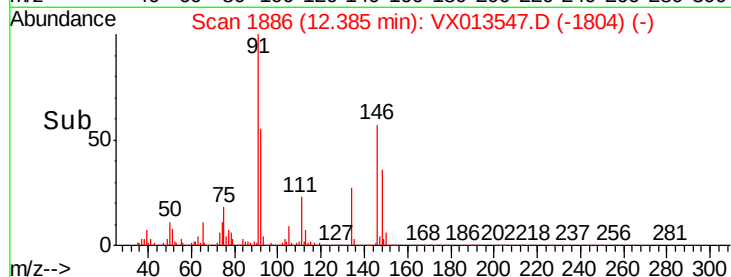
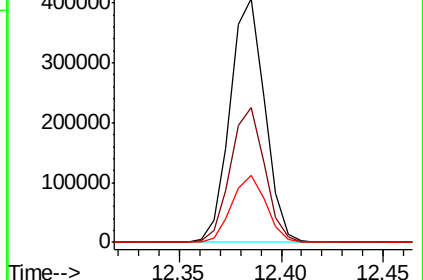
134 27.2 0.0 53.0



Abundance Ion 91.00 (90.70 to 91.70): VX013368.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX013368.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX013368.D (-1880) (-)



#86

Hexachloroethane

Concen: 17.739 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013547.D

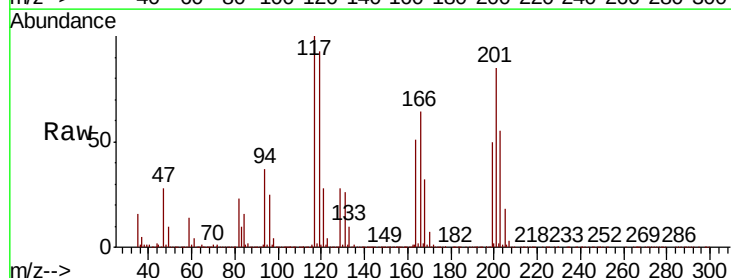
Acq: 22 Nov 2019 20:37

Tgt Ion: 117 Resp: 97422

Ion Ratio Lower Upper

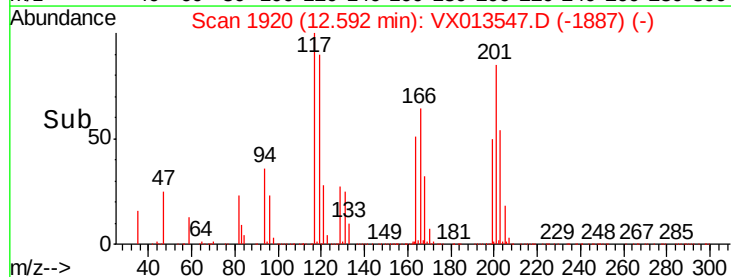
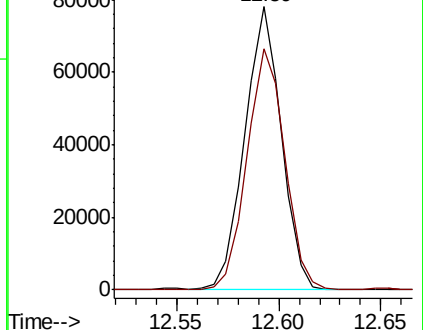
117 100

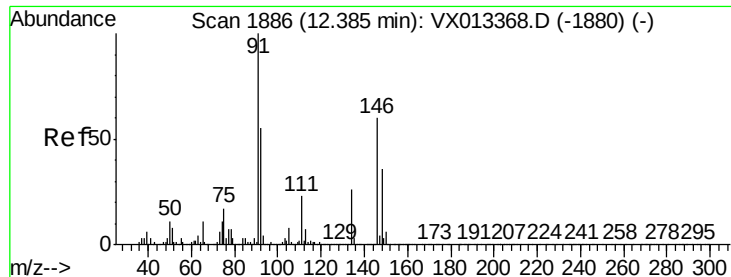
201 87.8 44.5 133.3



Abundance Ion 117.00 (116.70 to 117.70): VX013368.D (-1914) (-)

Ion 201.00 (200.70 to 201.70): VX013368.D (-1914) (-)





#87

1,2-Dichlorobenzene

Concen: 19.173 ug/l

RT: 12.39 min Scan# 1886

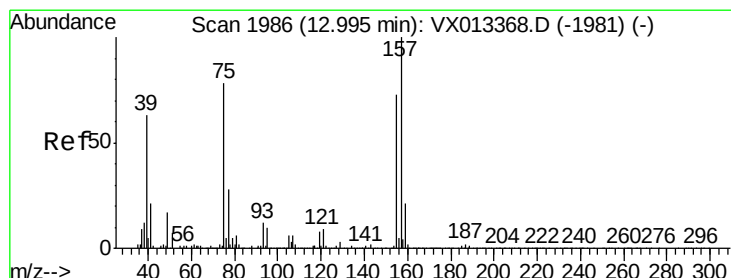
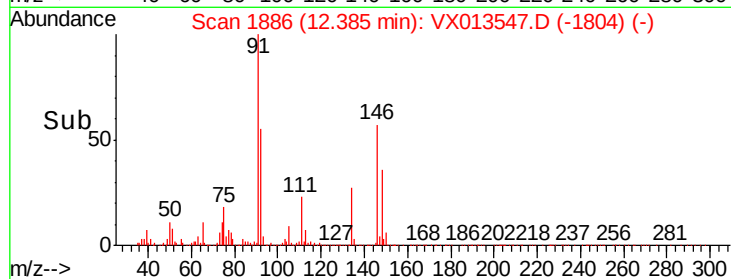
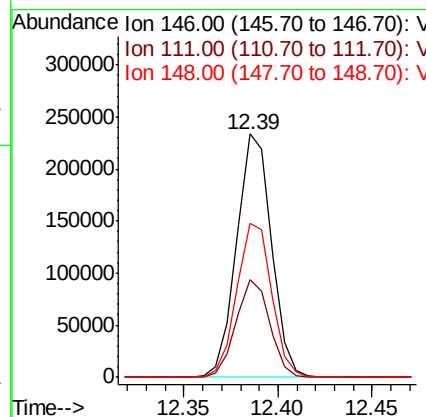
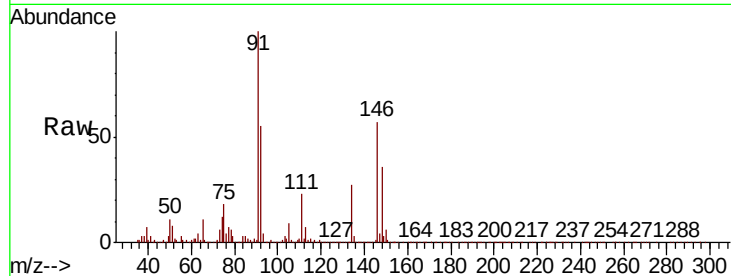
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.9	31.6	94.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.495 ug/l

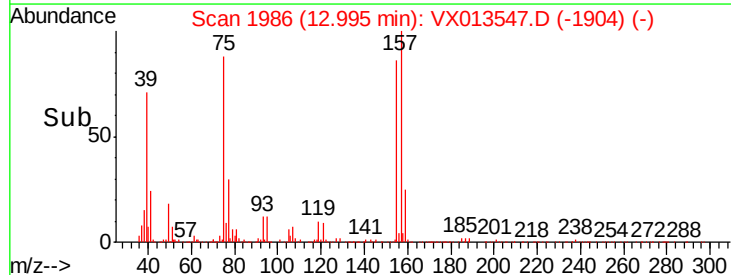
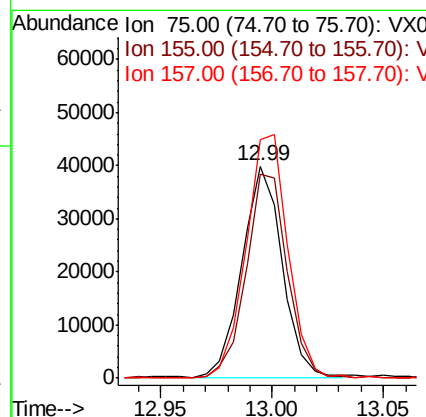
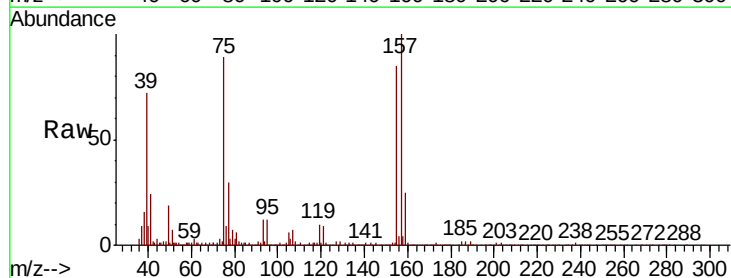
RT: 12.99 min Scan# 1986

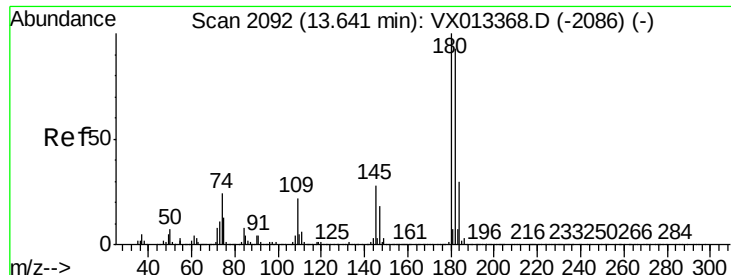
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	76.9	115.3
157	120.6	101.2	151.8

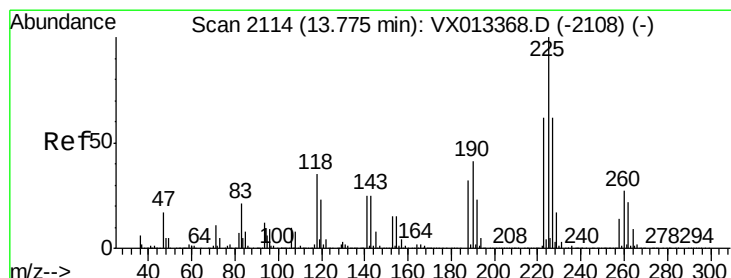
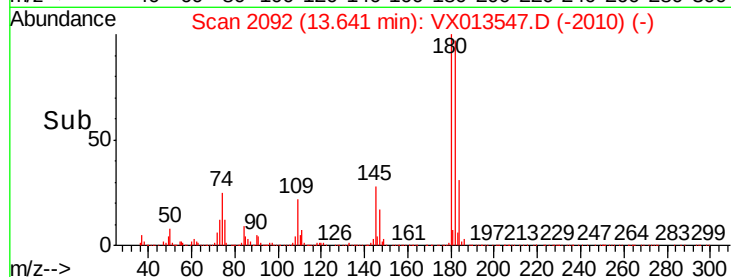
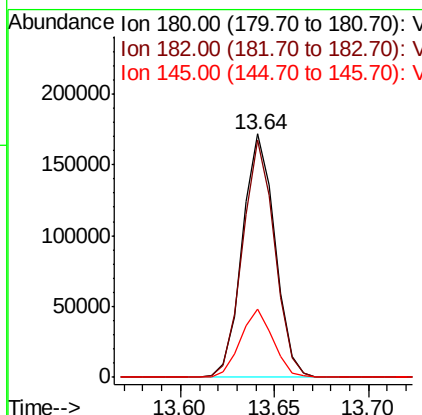
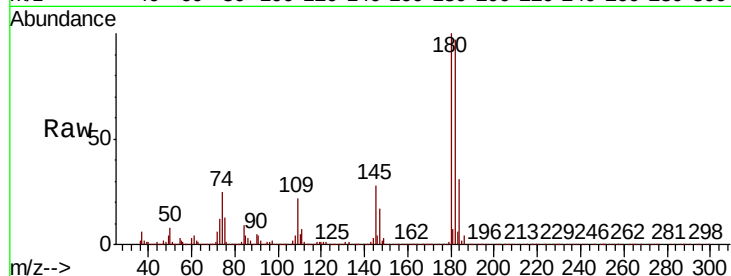




#89
 1,2,4-Trichlorobenzene
 Concen: 19.160 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

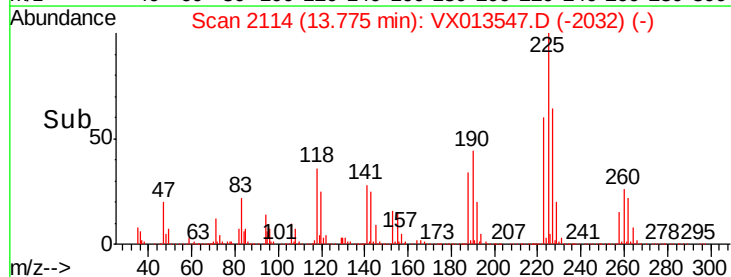
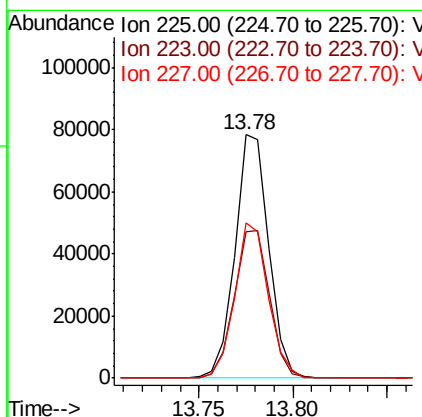
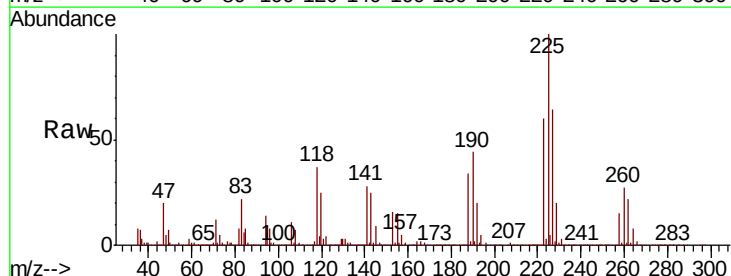
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

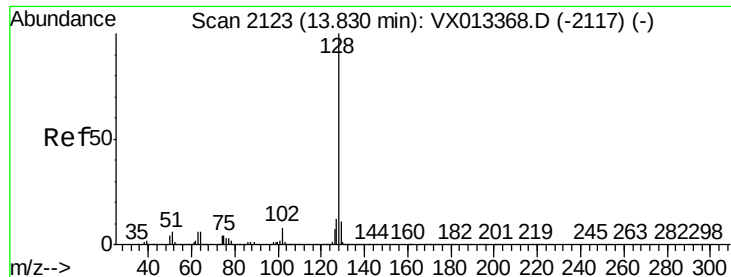
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.7	112.1
145	28.0	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 18.910 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	123.0
227	63.3	0.0	121.8

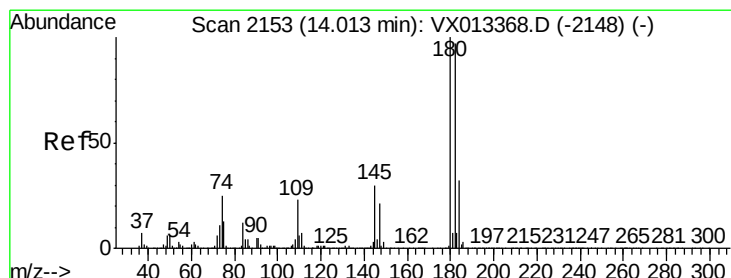
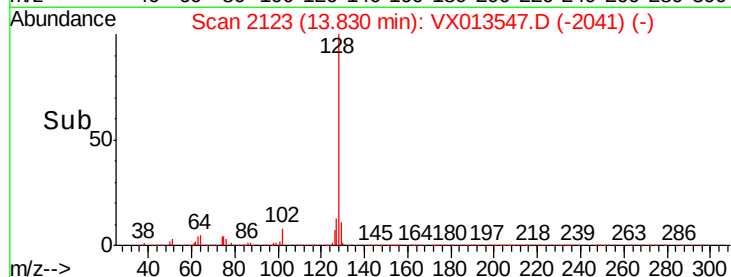
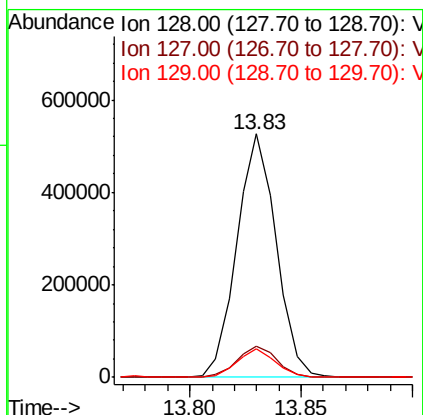
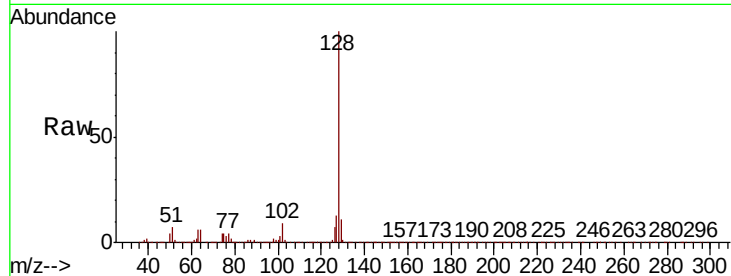




#91
Naphthalene
Concen: 19.030 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 646582
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.2 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.044 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion:180 Resp: 206530
Ion Ratio Lower Upper
180 100
182 97.3 0.0 191.0
145 30.4 0.0 59.0

