

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
 Data File : VX013240.D
 Acq On : 28 Oct 2019 11:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 29 15:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	29643	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	165615	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	151171	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	70756	30.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.07%
60) 4-Bromofluorobenzene	11.13	95	79255	30.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.37%
63) Toluene-d8	8.71	98	200691	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	37723	17.725	ug/l 99
3) Chloromethane	1.32	50	29245	15.762	ug/l 97
4) Vinyl Chloride	1.40	62	30497	15.898	ug/l 97
5) Bromomethane	1.63	94	19199	18.547	ug/l 95
6) Chloroethane	1.72	64	20685	16.897	ug/l 95
7) Trichlorofluoromethane	1.92	101	55260	17.925	ug/l 99
8) Diethyl Ether	2.18	74	18282	17.375	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33128	17.594	ug/l 97
10) 1,1-Dichloroethene	2.36	96	31568	17.359	ug/l 97
11) Methyl Iodide	2.50	142	32633	13.933	ug/l 99
12) Methyl Acetate	2.76	43	36630	15.598	ug/l 91
13) Acrolein	2.28	56	24236	69.332	ug/l 95
14) Acrylonitrile	3.12	53	77657	79.075	ug/l 99
15) Acetone	2.43	58	31790	98.252	ug/l 97
16) Carbon Disulfide	2.56	76	79340	16.338	ug/l # 95
17) Allyl chloride	2.72	41	46871	16.204	ug/l 92
18) Methylene Chloride	2.84	84	33833	16.068	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	33316	17.265	ug/l 85
20) Diisopropyl ether	3.84	45	92746	16.578	ug/l 97
21) 1,1-Dichloroethane	3.69	63	57587	16.953	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	37166	16.890	ug/l 98
23) tert-Butyl Alcohol	3.03	59	41721	80.635	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	108884	17.362	ug/l 99
25) Chloroform	5.20	83	63328	17.741	ug/l 99
26) Cyclohexane	5.56	56	49052	16.457	ug/l # 95
29) 1,1-Dichloropropene	5.79	75	46194	17.955	ug/l 87
30) 2-Butanone	4.65	43	119063	88.223	ug/l 99
31) 2,2-Dichloropropane	4.57	77	55677	18.718	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	59034	18.962	ug/l 99
33) Carbon Tetrachloride	5.78	117	51014	19.065	ug/l 96
34) Benzene	6.13	78	130446	17.611	ug/l 98
35) Methacrylonitrile	5.02	41	23501	16.980	ug/l 98
36) 1,2-Dichloroethane	6.18	62	51528	18.404	ug/l 99
37) Trichloroethene	7.20	130	37811	18.404	ug/l 94
38) Methylcyclohexane	7.45	83	55811	17.787	ug/l 99
39) 1,2-Dichloropropane	7.50	63	31146	17.132	ug/l 99
40) Dibromomethane	7.65	93	23492	18.091	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	48175	18.399	ug/l	98
42) Vinyl Acetate	3.80	43	402136	85.927	ug/l	99
43) Ethyl Acetate	4.82	43	40975	16.646	ug/l	98
44) Isopropyl Acetate	6.43	43	71691	17.329	ug/l	100
45) 1,4-Dioxane	7.73	88	17586	336.136	ug/l	98
46) Methyl methacrylate	7.76	41	34636	17.014	ug/l	97
47) n-amyl Acetate	10.89	43	57705	16.548	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	52848	18.400	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	56921	18.214	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	33970	17.714	ug/l	97
51) Ethyl methacrylate	9.17	69	52863	17.580	ug/l	96
52) 1,3-Dichloropropane	9.36	76	57617	17.841	ug/l	99
53) Dibromochloromethane	9.57	129	38769	18.742	ug/l	96
54) 1,2-Dibromoethane	9.67	107	37148	18.117	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	105107	86.050	ug/l	99
56) Bromoform	10.85	173	27086	18.456	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	211832	83.160	ug/l	99
59) 2-Hexanone	9.48	43	168040	84.174	ug/l	99
61) Tetrachloroethene	9.33	164	38656	19.289	ug/l	96
62) Toluene	8.78	91	144905	17.757	ug/l	99
64) Chlorobenzene	10.14	112	92986	17.771	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	36377	18.559	ug/l	100
66) Ethyl Benzene	10.24	91	168597	17.950	ug/l	99
67) m/p-Xylenes	10.35	106	126545	35.450	ug/l	97
68) o-Xylene	10.70	106	61272	17.981	ug/l	96
69) Styrene	10.71	104	103687	17.681	ug/l	98
70) Isopropylbenzene	11.01	105	168194	17.987	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	49089	17.132	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	59886	24.064	ug/l	89
73) Bromobenzene	11.25	156	39442	17.577	ug/l	99
74) n-propylbenzene	11.35	91	179197	17.460	ug/l	97
75) 2-Chlorotoluene	11.42	91	109323	17.023	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	137776	17.552	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	16002	16.561	ug/l	95
78) 4-Chlorotoluene	11.51	91	129825	17.692	ug/l	98
79) tert-butylbenzene	11.76	119	134735	17.827	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	147260	18.780	ug/l	97
81) sec-Butylbenzene	11.94	105	158505	17.604	ug/l	98
82) p-Isopropyltoluene	12.06	119	145300	17.649	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	72188	17.615	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	70994	17.517	ug/l	98
85) n-Butylbenzene	12.38	91	120394	17.216	ug/l	97
86) Hexachloroethane	12.59	117	24326	16.929	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	68264	17.172	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	12004	17.002	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	44410	17.962	ug/l	96
90) Hexachlorobutadiene	13.77	225	23183	18.468	ug/l	97
91) Naphthalene	13.83	128	135277	16.821	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	44343	17.506	ug/l	99

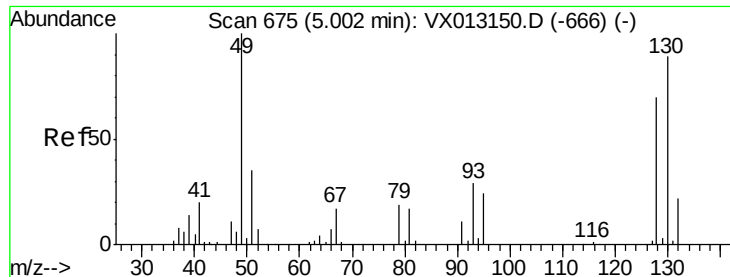
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

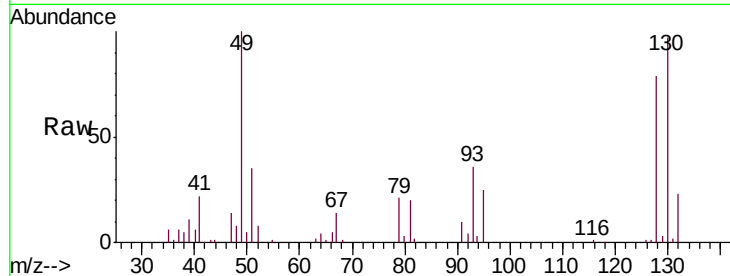
Tgt Ion:128 Resp: 29643

Ion Ratio Lower Upper

128 100

49 80.0 0.0 367.3

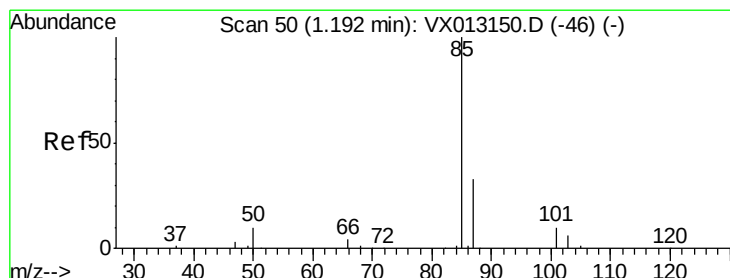
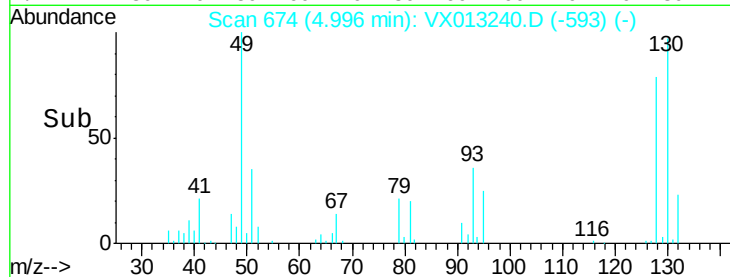
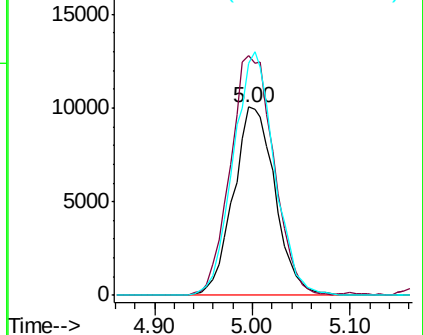
130 127.8 0.0 325.0



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: 17.725 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013240.D

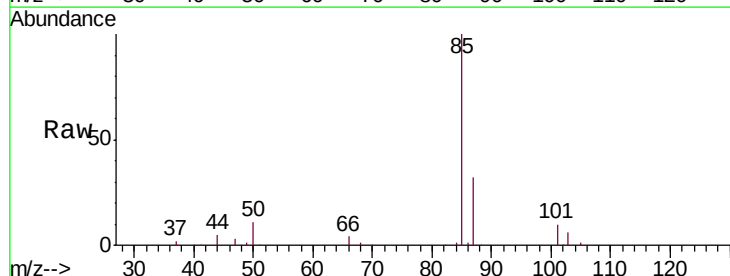
Acq: 28 Oct 2019 11:45

Tgt Ion: 85 Resp: 37723

Ion Ratio Lower Upper

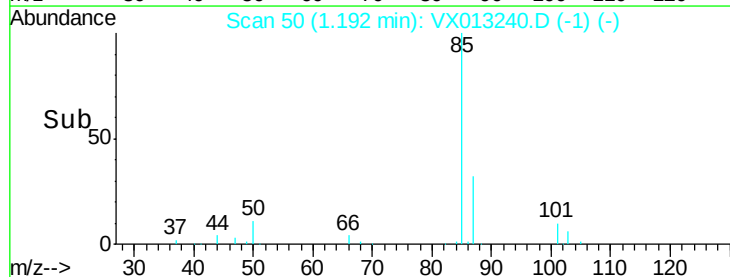
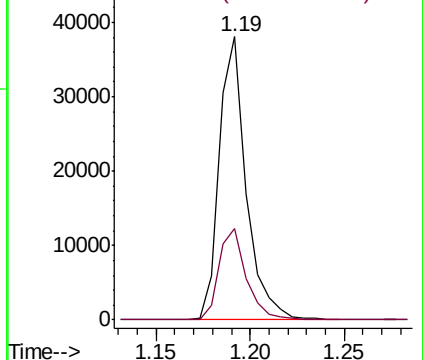
85 100

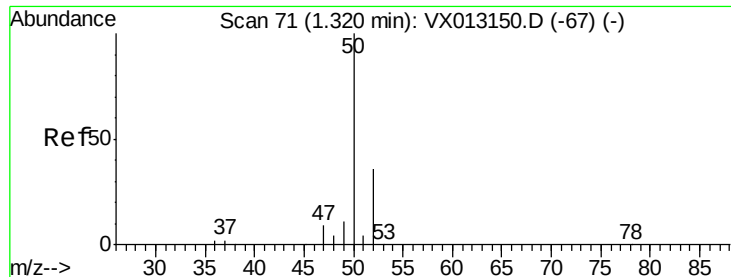
87 32.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 15.762 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

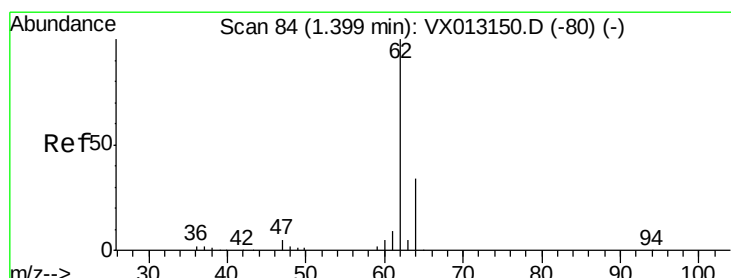
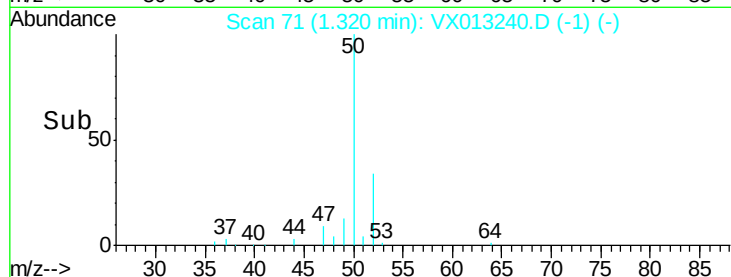
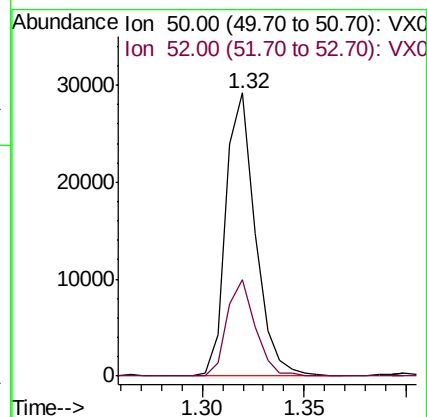
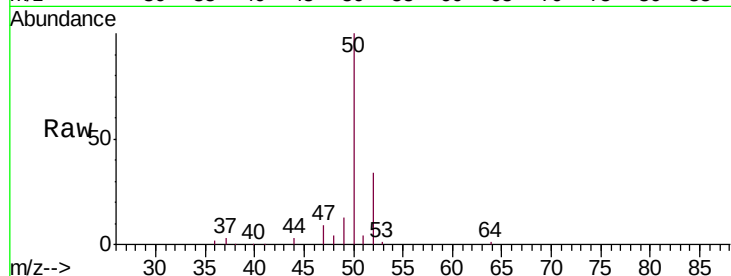
VSTDCCC020

Tgt Ion: 50 Resp: 29245

Ion Ratio Lower Upper

50 100

52 34.2 28.6 42.8



#4

Vinyl Chloride

Concen: 15.898 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013240.D

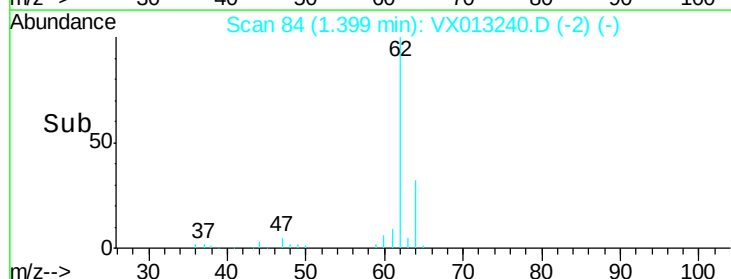
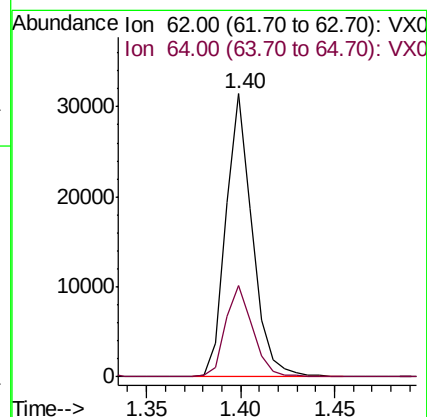
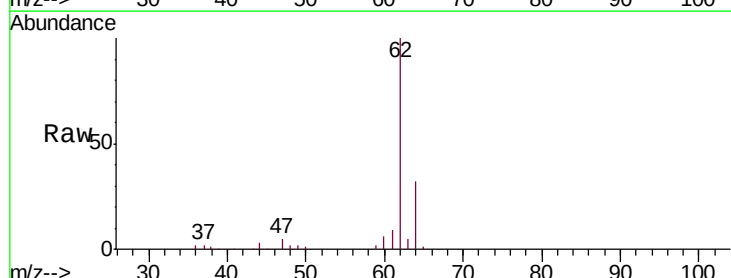
Acq: 28 Oct 2019 11:45

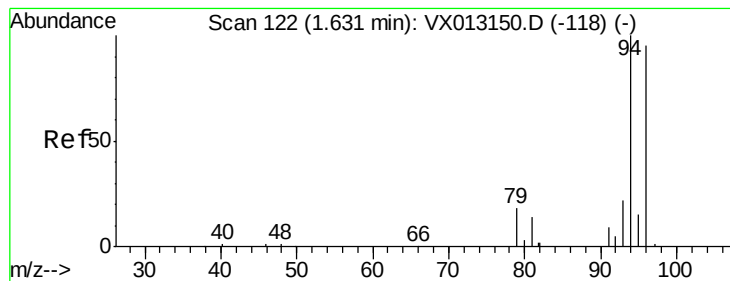
Tgt Ion: 62 Resp: 30497

Ion Ratio Lower Upper

62 100

64 32.4 27.3 40.9





#5

Bromomethane

Concen: 18.547 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

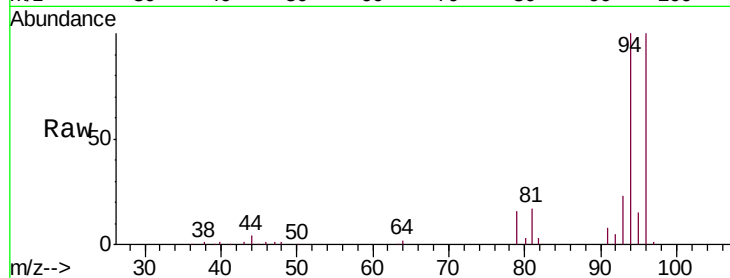
VSTDCCC020

Tgt Ion: 94 Resp: 19199

Ion Ratio Lower Upper

94 100

96 100.0 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

20000

15000

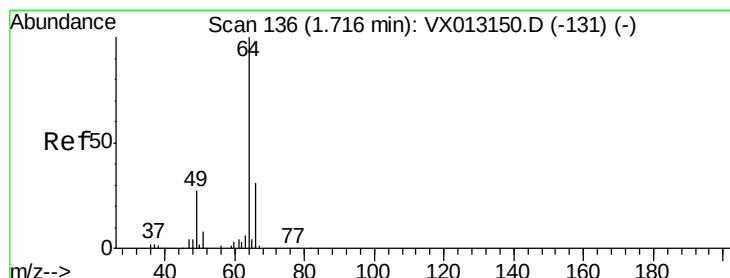
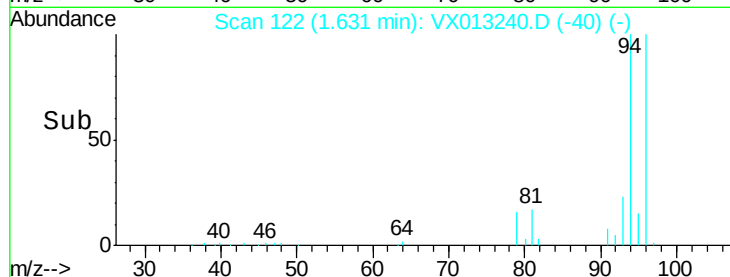
10000

5000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 16.897 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013240.D

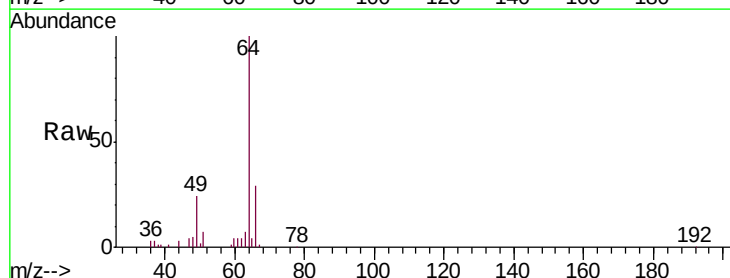
Acq: 28 Oct 2019 11:45

Tgt Ion: 64 Resp: 20685

Ion Ratio Lower Upper

64 100

66 29.0 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

15000

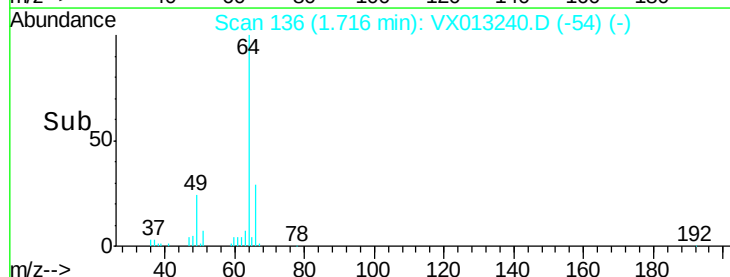
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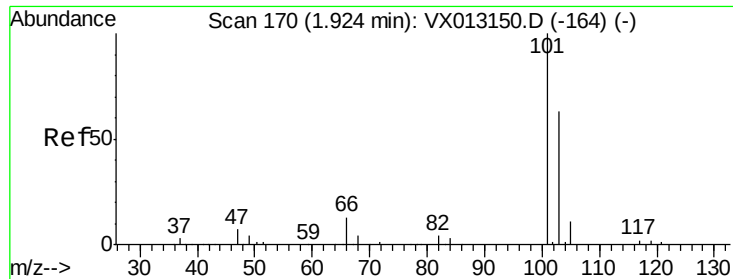
5000

0

Time-->

1.65 1.70 1.75



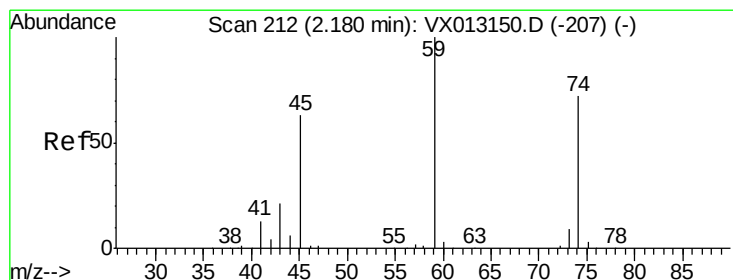
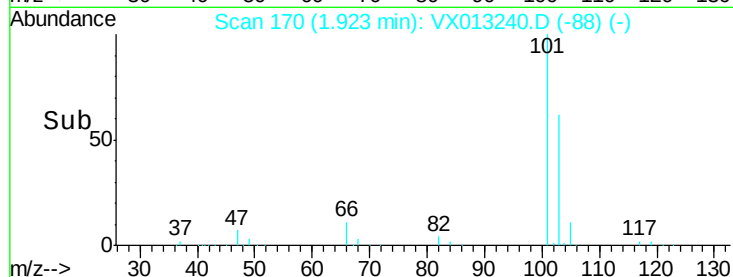
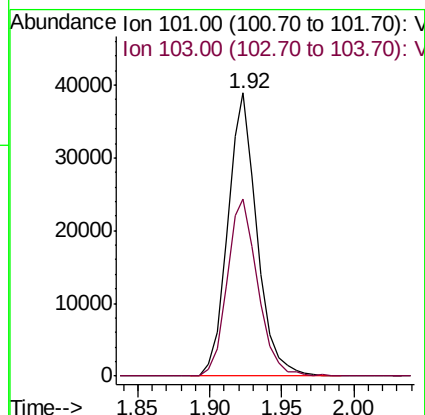
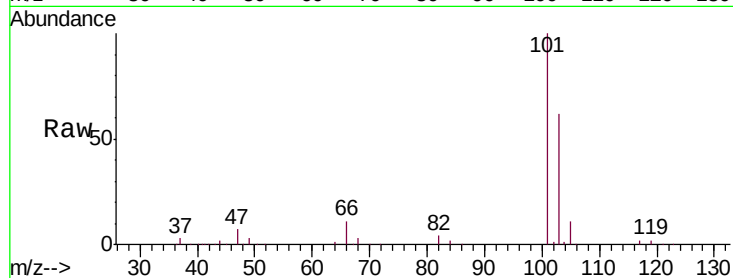


#7

Trichlorofluoromethane
 Concen: 17.925 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
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 VSTDCCC020

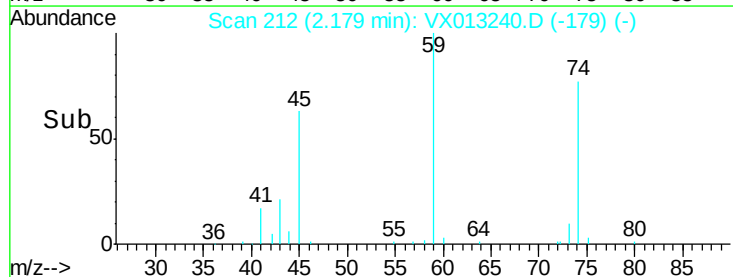
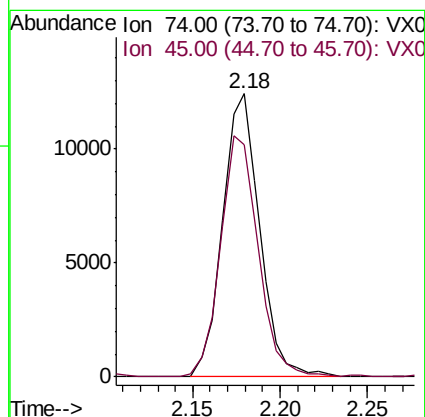
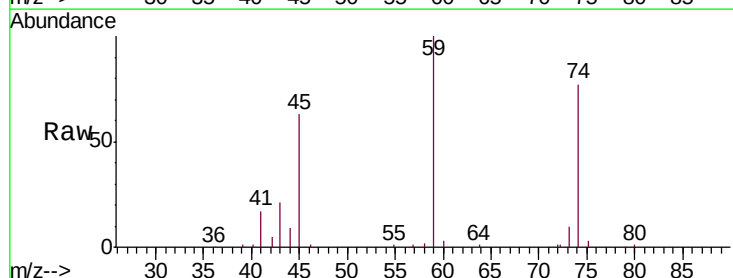
Tgt Ion:101 Resp: 55260
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

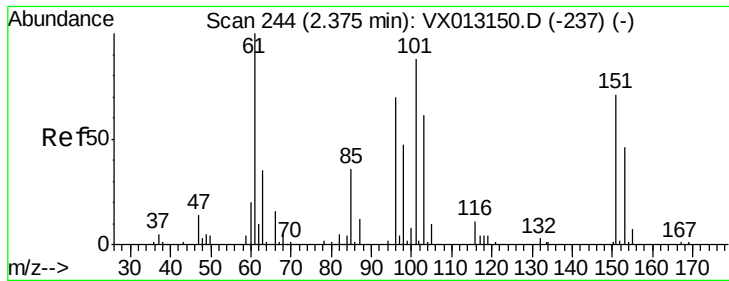


#8

Diethyl Ether
 Concen: 17.375 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 74 Resp: 18282
 Ion Ratio Lower Upper
 74 100
 45 86.7 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.594 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

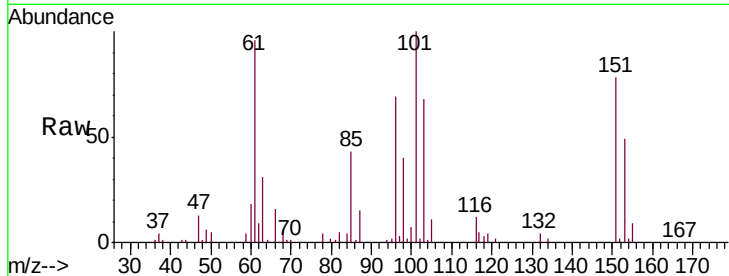
Tgt Ion:101 Resp: 33128

Ion Ratio Lower Upper

101 100

85 42.1 0.0 87.2

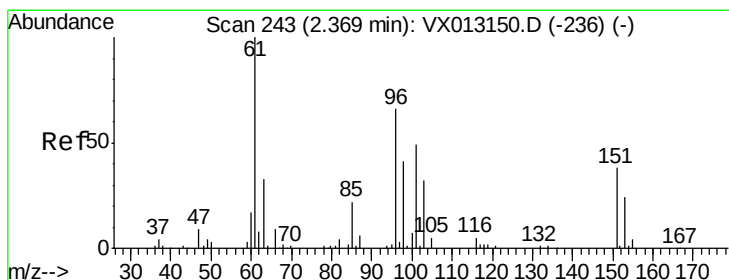
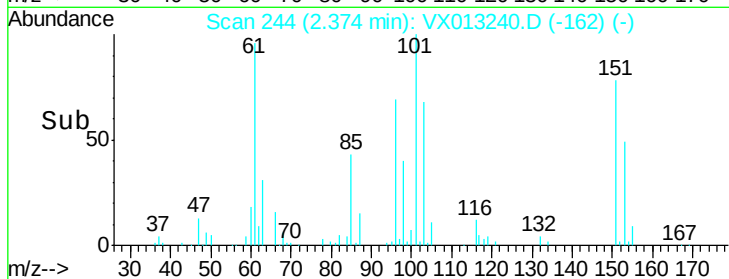
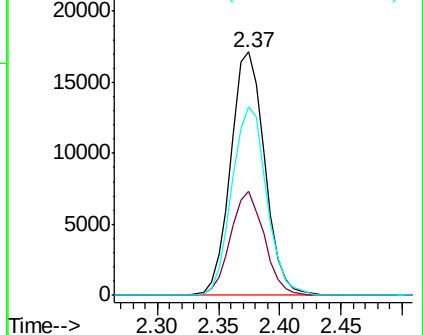
151 78.7 0.0 163.0



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: 17.359 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

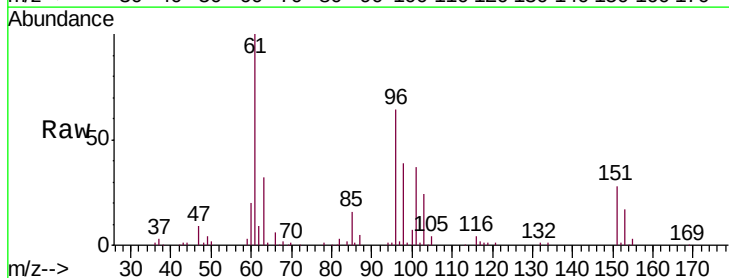
Tgt Ion: 96 Resp: 31568

Ion Ratio Lower Upper

96 100

61 157.3 121.3 181.9

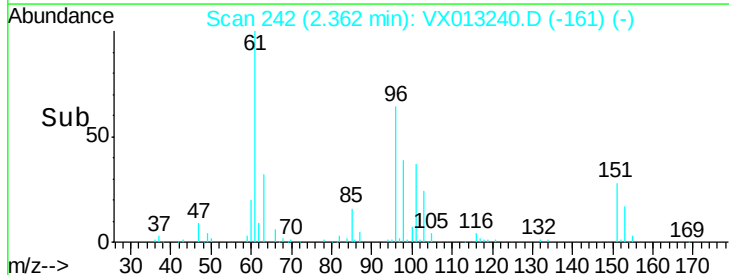
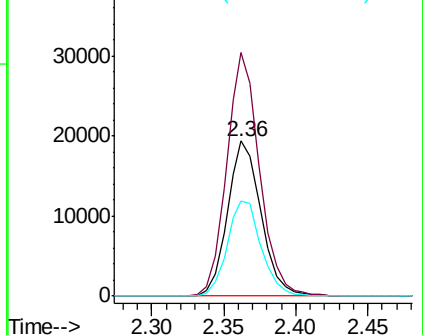
98 61.7 49.5 74.3

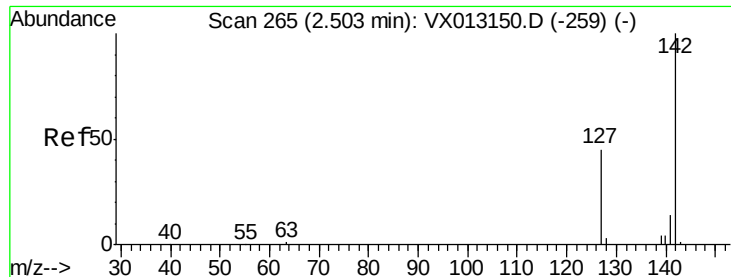


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

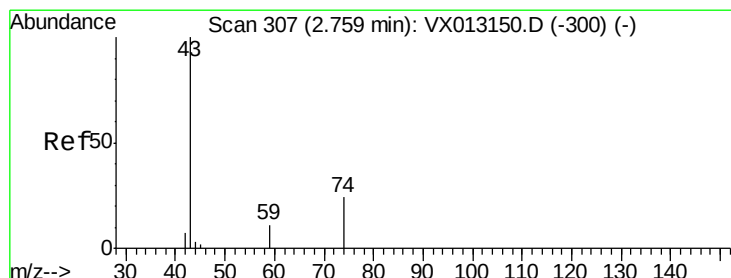
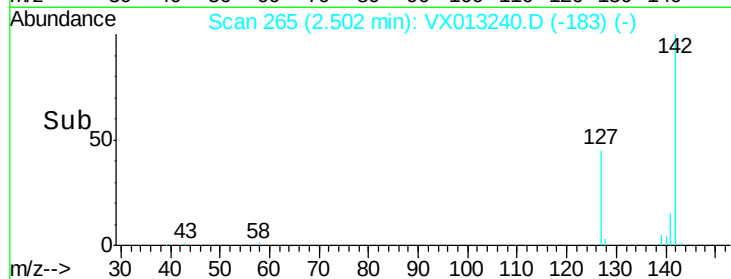
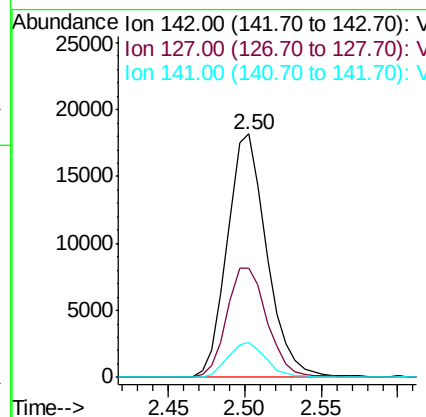
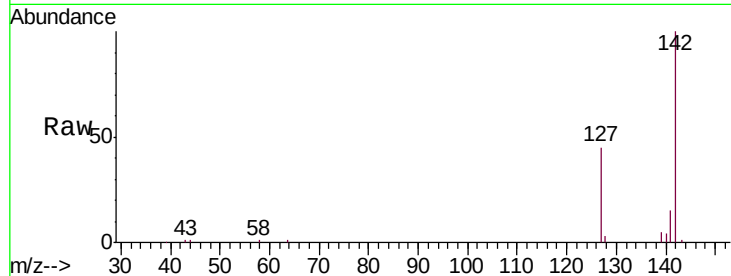




#11
Methyl Iodide
Concen: 13.933 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

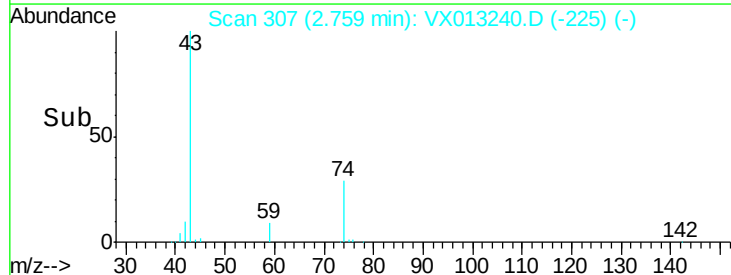
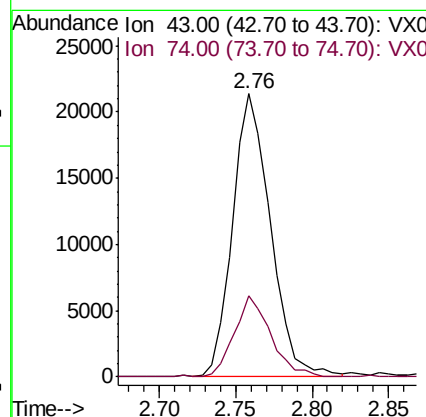
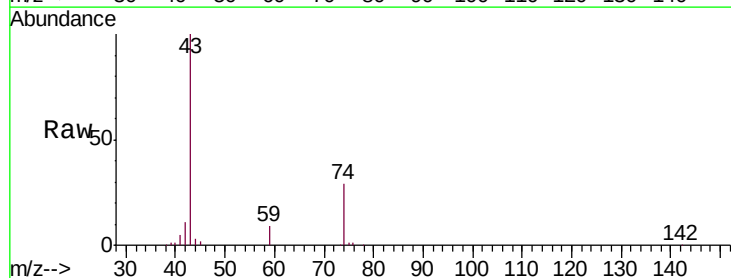
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

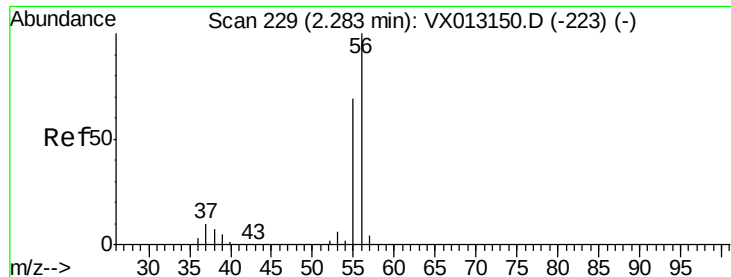
Tgt Ion:142 Resp: 32633
Ion Ratio Lower Upper
142 100
127 45.2 22.3 66.9
141 14.6 7.1 21.3



#12
Methyl Acetate
Concen: 15.598 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 43 Resp: 36630
Ion Ratio Lower Upper
43 100
74 28.8 19.7 29.5





#13

Acrolein

Concen: 69.332 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

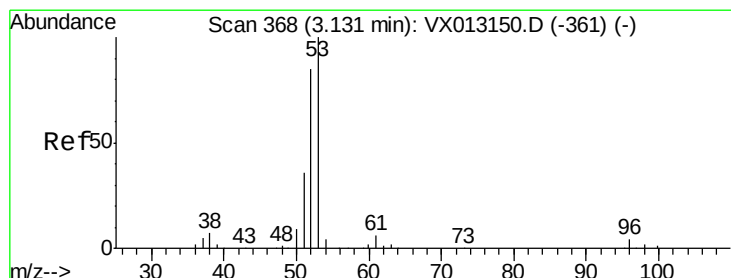
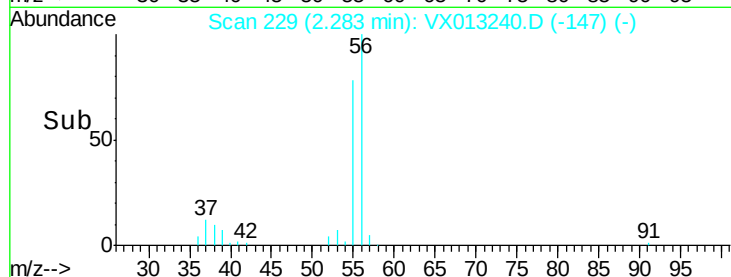
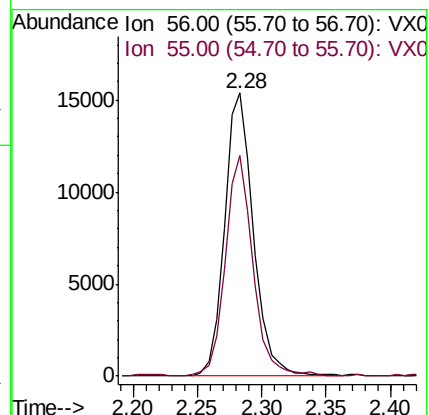
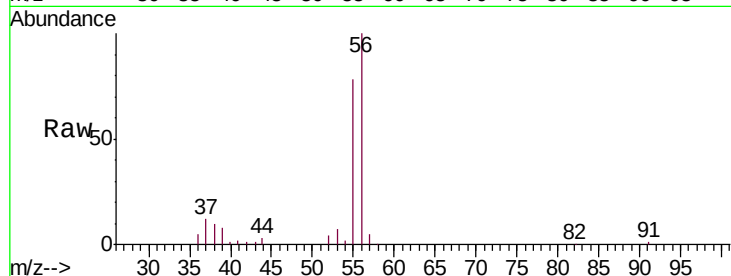
VSTDCCC020

Tgt Ion: 56 Resp: 24236

Ion Ratio Lower Upper

56 100

55 74.3 55.8 83.8



#14

Acrylonitrile

Concen: 79.075 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

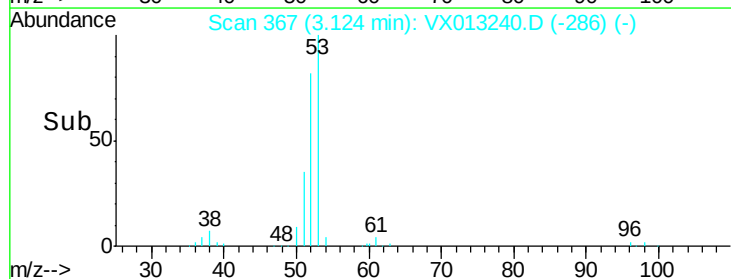
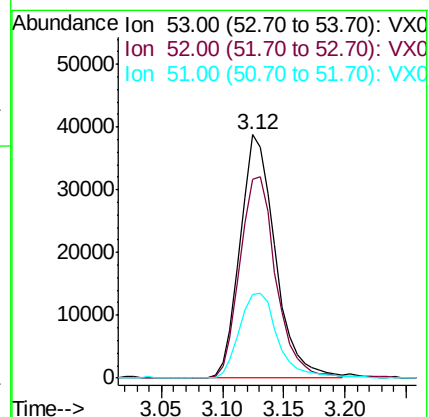
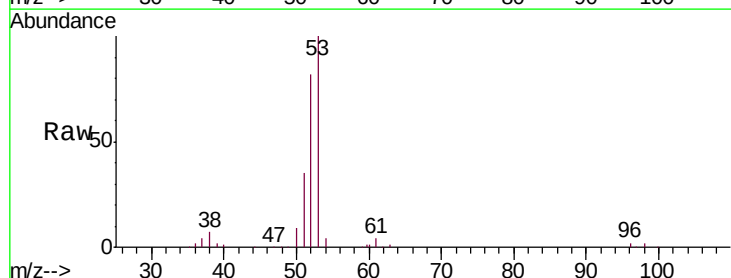
Tgt Ion: 53 Resp: 77657

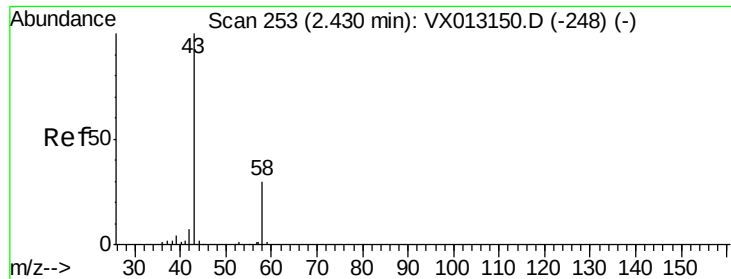
Ion Ratio Lower Upper

53 100

52 84.8 42.0 126.0

51 37.5 18.6 56.0





#15

Acetone

Concen: 98.252 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

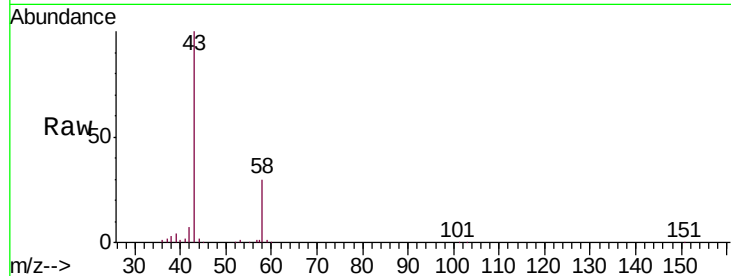
VSTDCCC020

Tgt Ion: 58 Resp: 31790

Ion Ratio Lower Upper

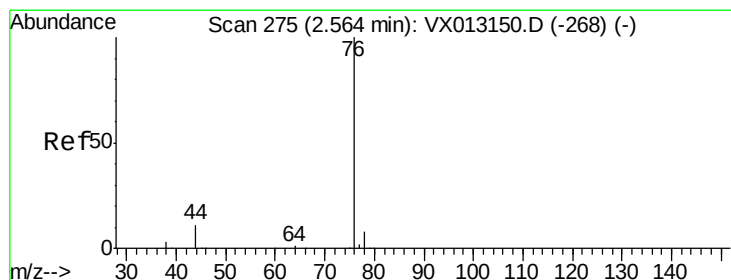
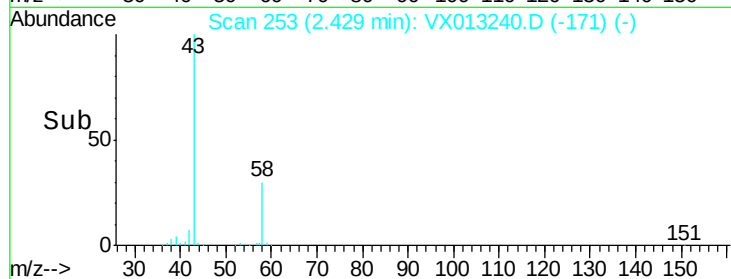
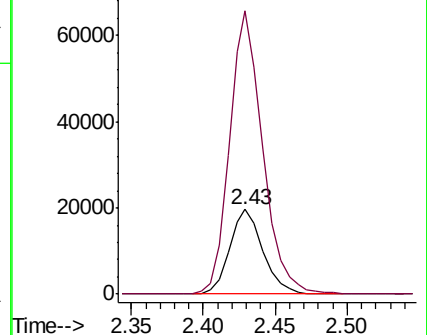
58 100

43 334.1 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 16.338 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013240.D

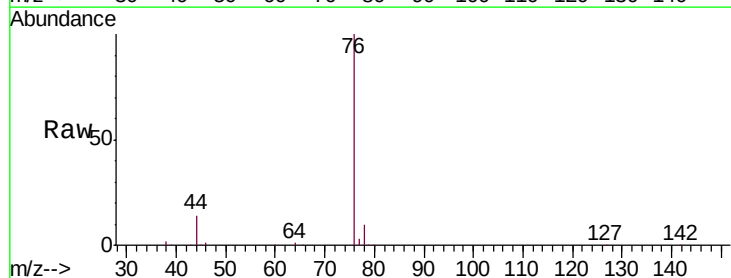
Acq: 28 Oct 2019 11:45

Tgt Ion: 76 Resp: 79340

Ion Ratio Lower Upper

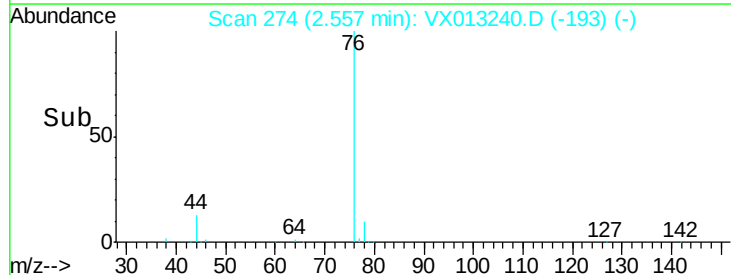
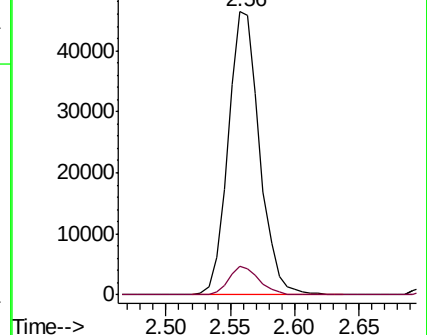
76 100

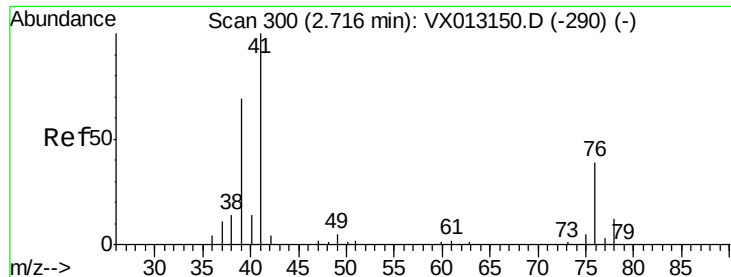
78 10.0 6.6 10.0#



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

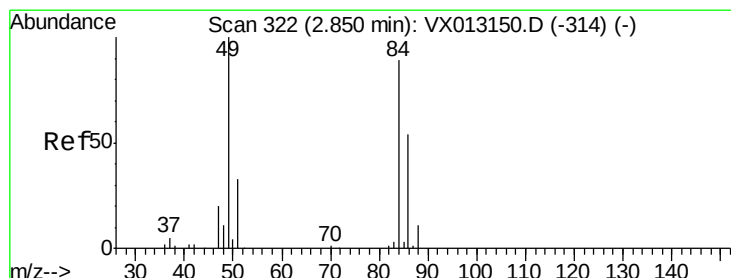
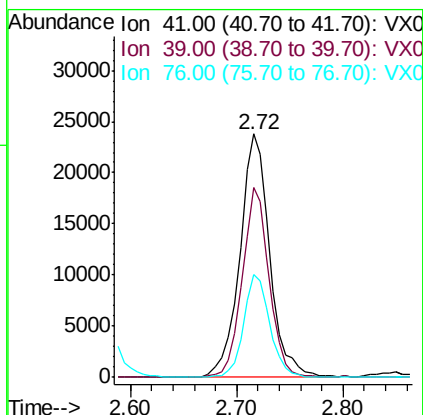
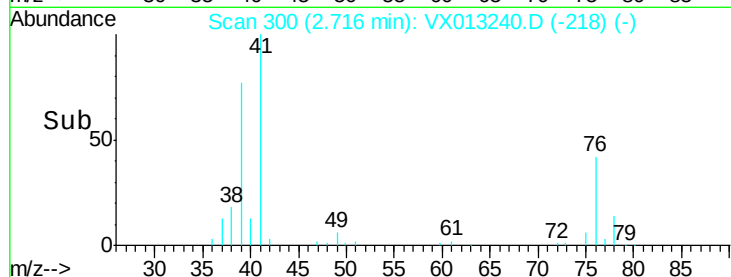
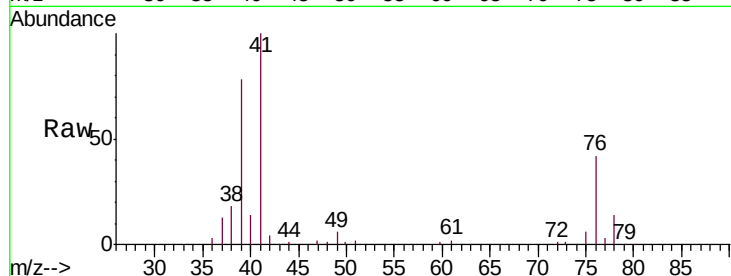




#17
 Allyl chloride
 Concen: 16.204 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

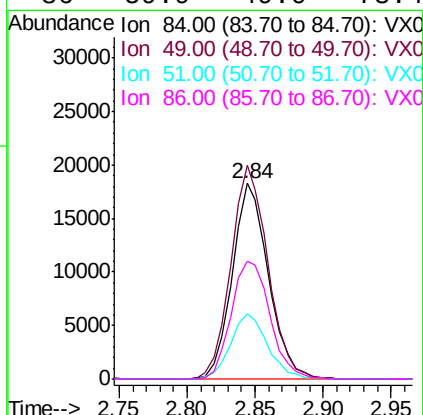
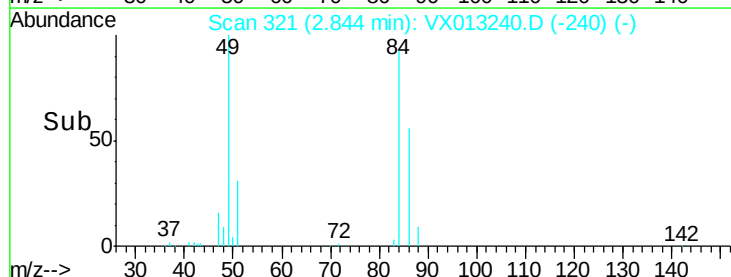
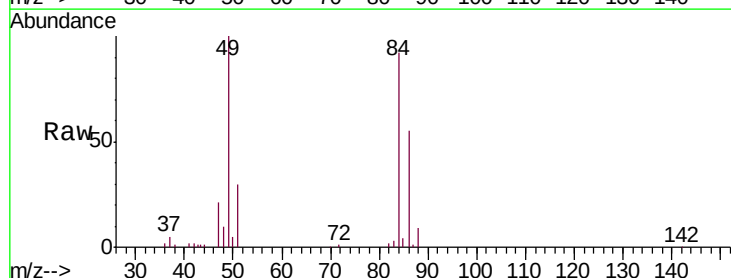
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

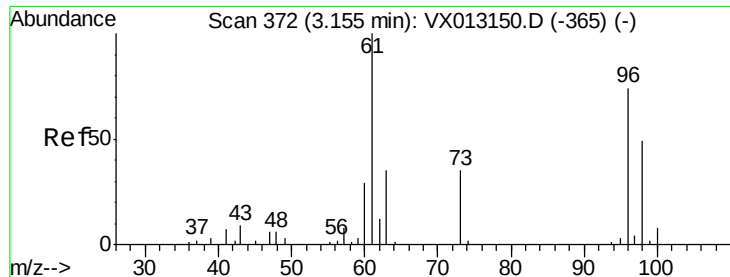
Tgt Ion: 41 Resp: 46871
 Ion Ratio Lower Upper
 41 100
 39 77.9 34.7 104.1
 76 42.0 19.7 59.0



#18
 Methylene Chloride
 Concen: 16.068 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 84 Resp: 33833
 Ion Ratio Lower Upper
 84 100
 49 109.1 90.3 135.5
 51 33.1 29.9 44.9
 86 59.9 49.0 73.4





#19

trans-1,2-Dichloroethene

Concen: 17.265 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

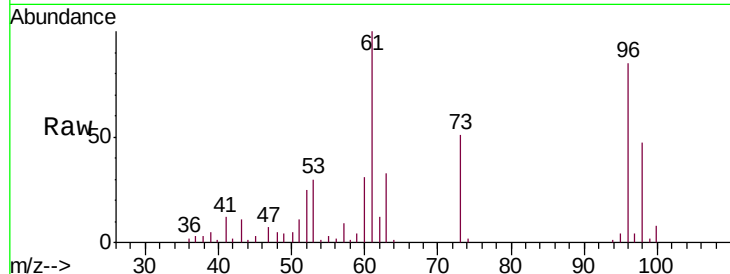
Tgt Ion: 96 Resp: 33316

Ion Ratio Lower Upper

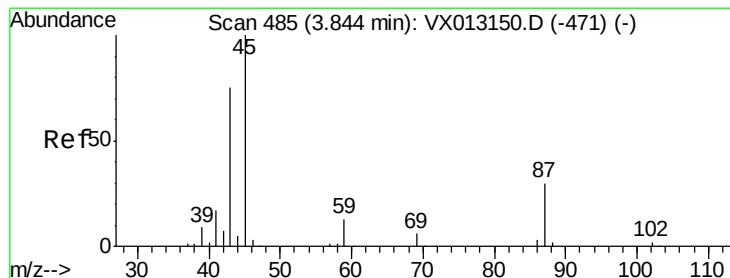
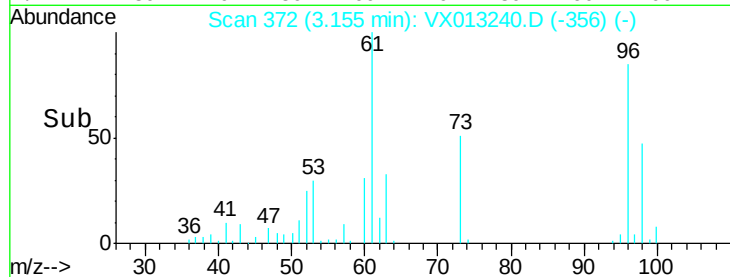
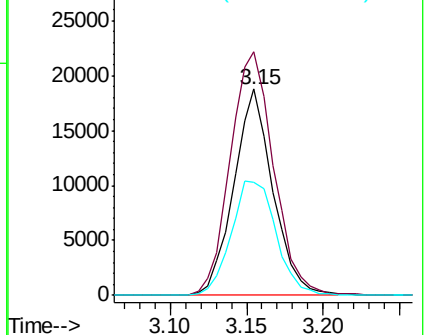
96 100

61 118.3 108.6 162.8

98 55.1 53.4 80.0



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: 16.578 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion: 45 Resp: 92746

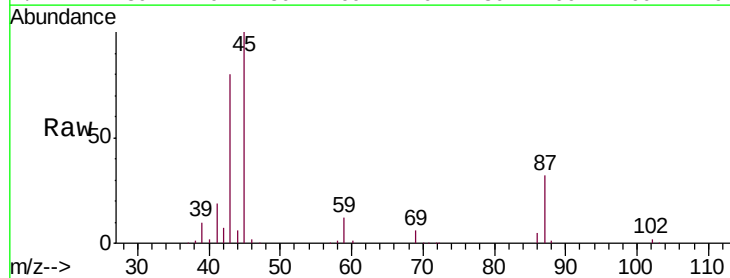
Ion Ratio Lower Upper

45 100

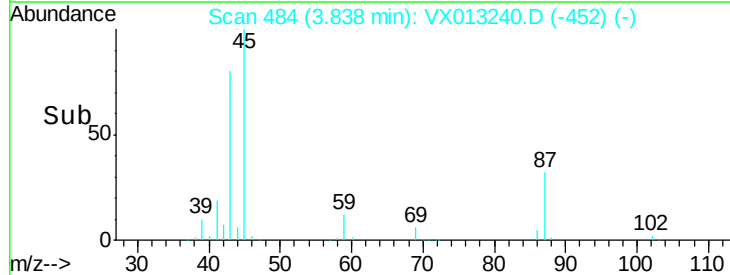
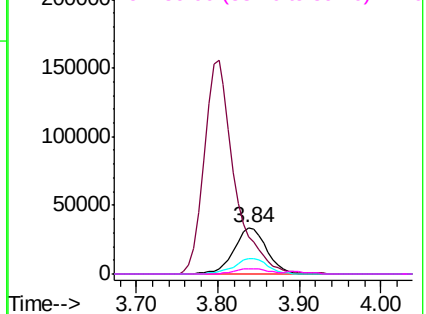
43 78.8 60.6 91.0

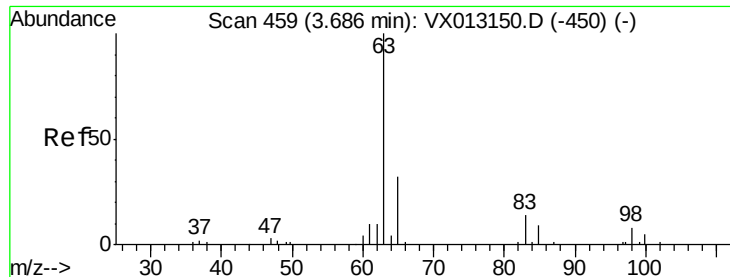
87 32.3 24.2 36.2

59 12.3 10.5 15.7



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

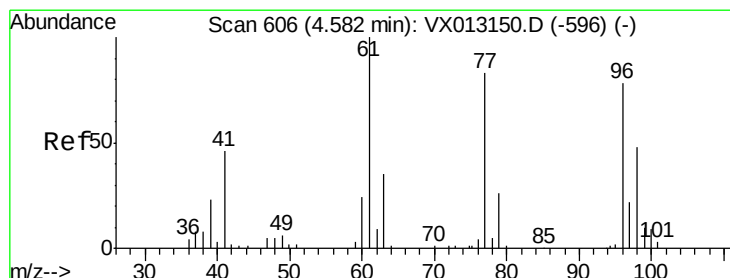
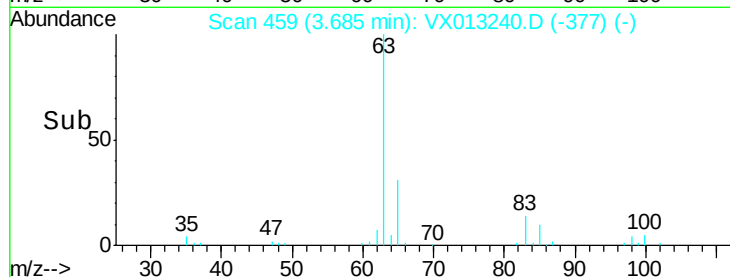
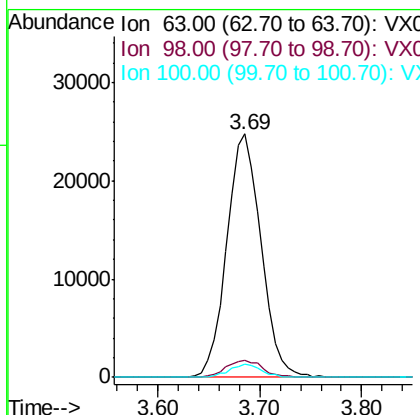
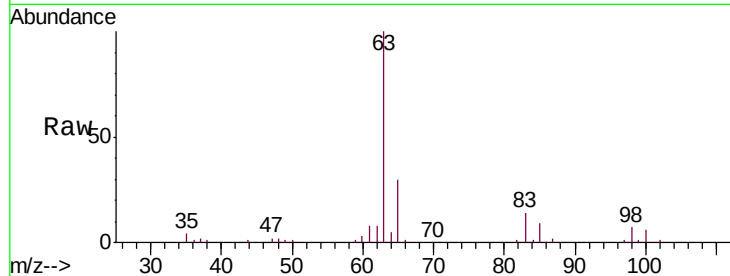




#21
 1,1-Dichloroethane
 Concen: 16.953 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

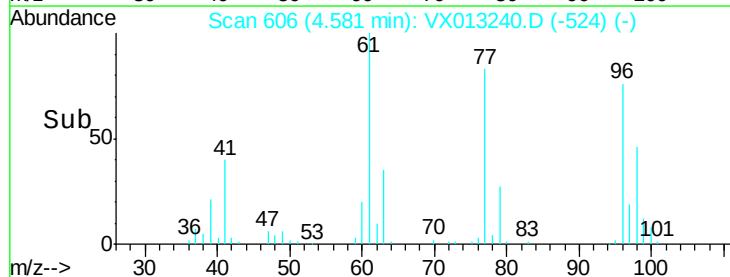
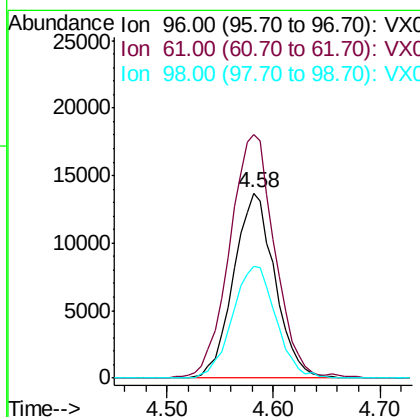
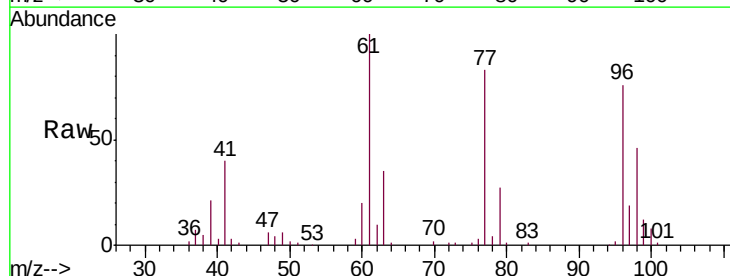
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

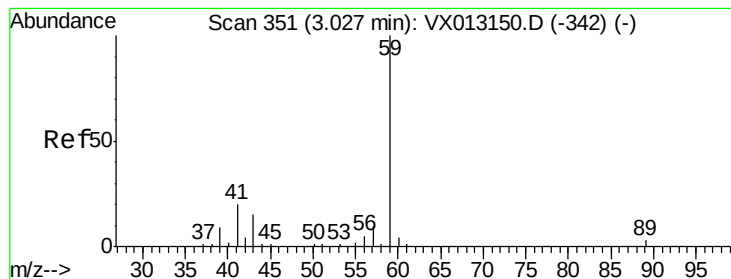
Tgt Ion:	63	Resp:	57587
Ion	Ratio	Lower	Upper
63	100		
98	6.9	4.2	12.4
100	5.5	2.4	7.2



#22
 cis-1,2-Dichloroethene
 Concen: 16.890 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:	96	Resp:	37166
Ion	Ratio	Lower	Upper
96	100		
61	143.4	112.5	168.7
98	64.0	51.2	76.8



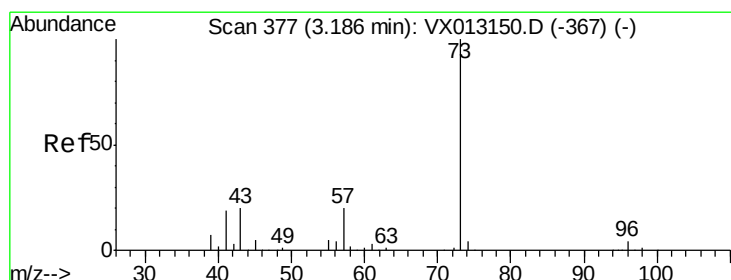
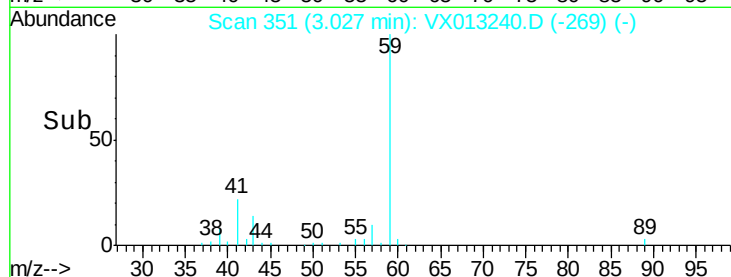
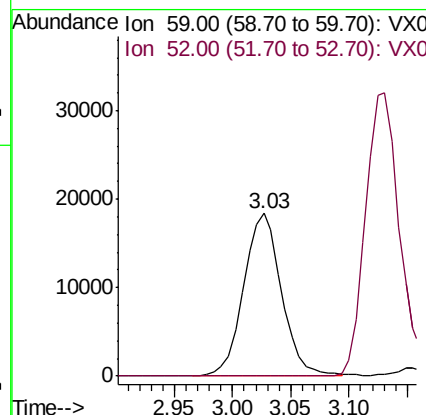
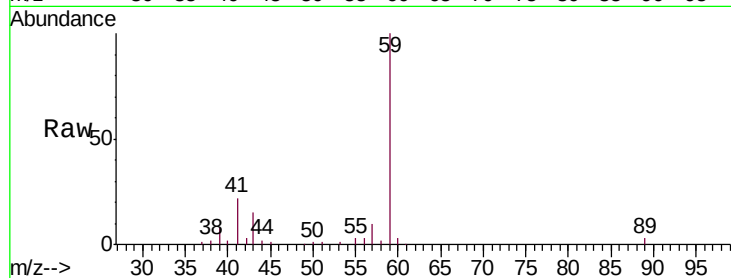


#23

tert-Butyl Alcohol
 Concen: 80.635 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

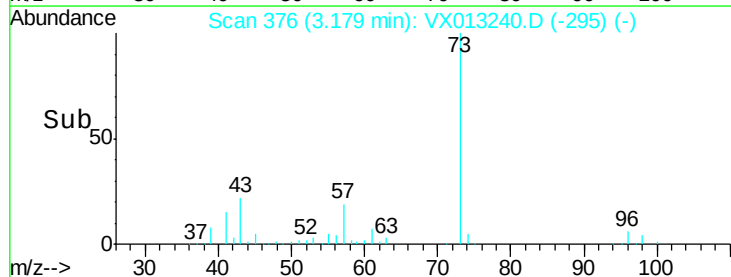
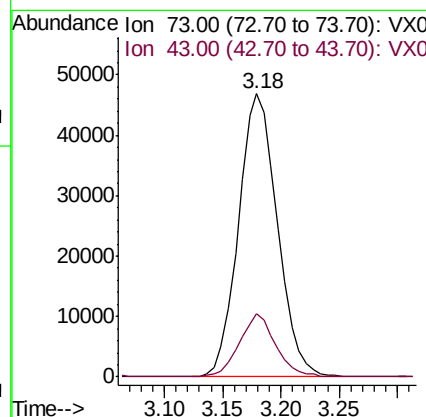
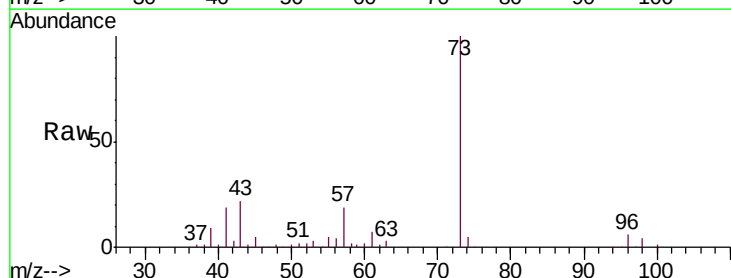
Tgt Ion: 59 Resp: 41721
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

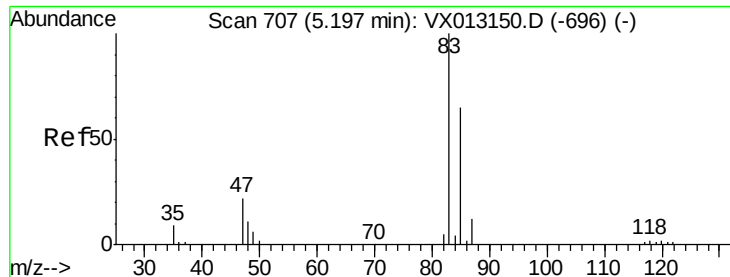


#24

Methyl tert-Butyl Ether
 Concen: 17.362 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 73 Resp: 108884
 Ion Ratio Lower Upper
 73 100
 43 20.9 17.1 25.7

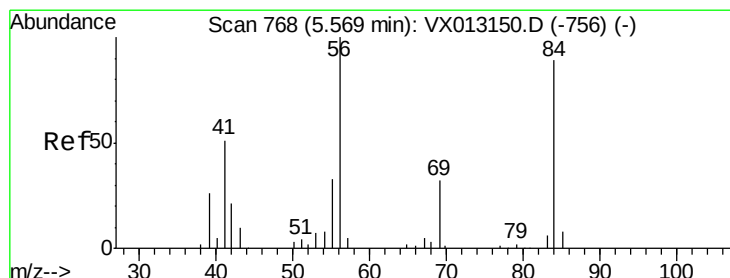
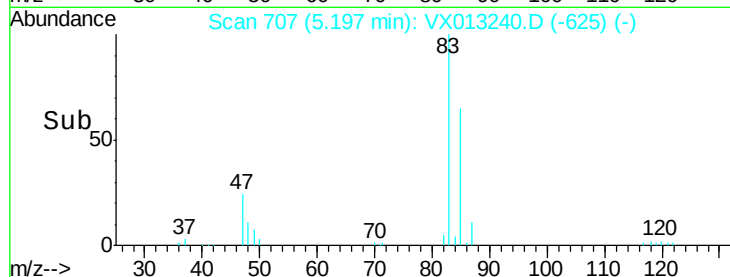
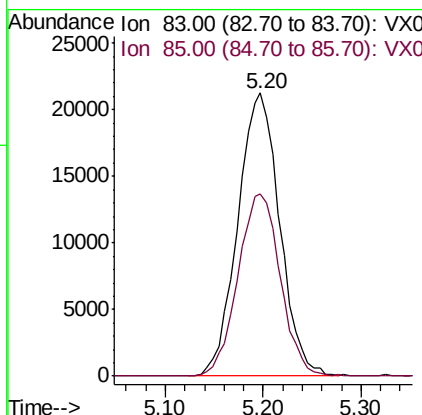
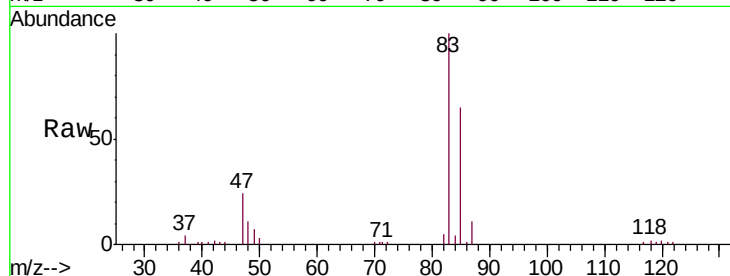




#25
Chloroform
Concen: 17.741 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

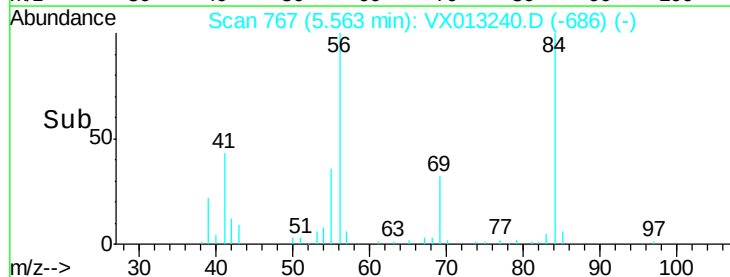
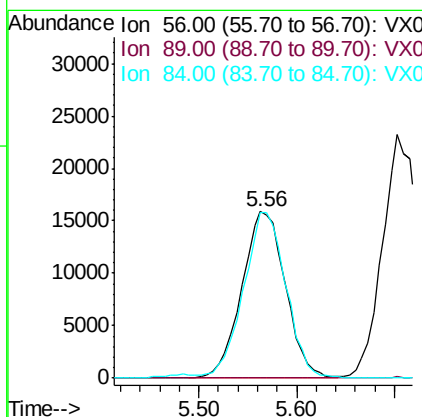
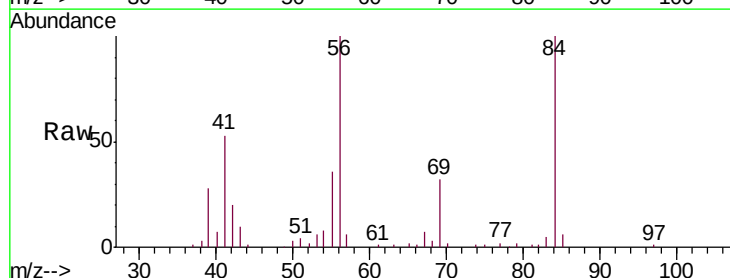
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

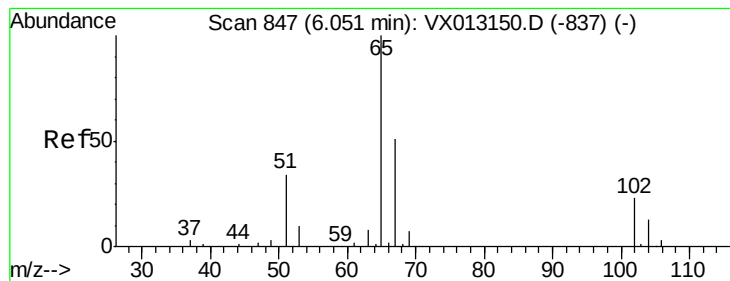
Tgt Ion: 83 Resp: 63328
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0



#26
Cyclohexane
Concen: 16.457 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 56 Resp: 49052
Ion Ratio Lower Upper
56 100
89 0.0 0.2 0.2#
84 97.3 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 30.321 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

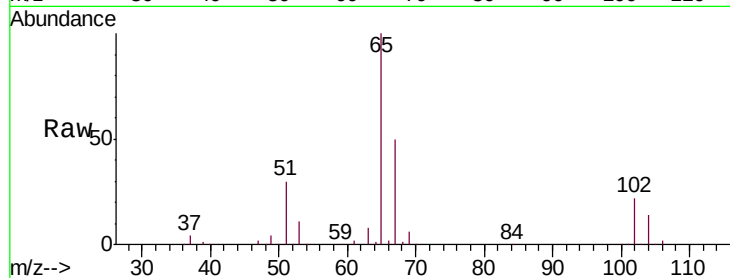
VSTDCCC020

Tgt Ion: 65 Resp: 70756

Ion Ratio Lower Upper

65 100

67 49.9 42.2 63.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.05

30000

25000

20000

15000

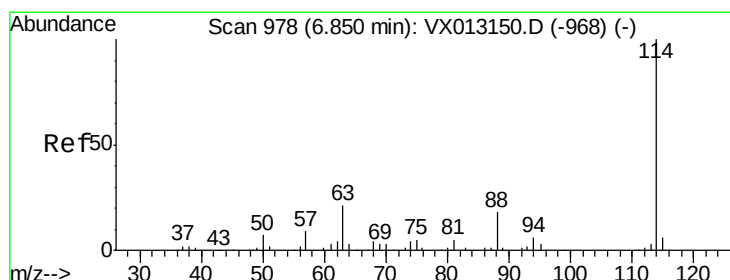
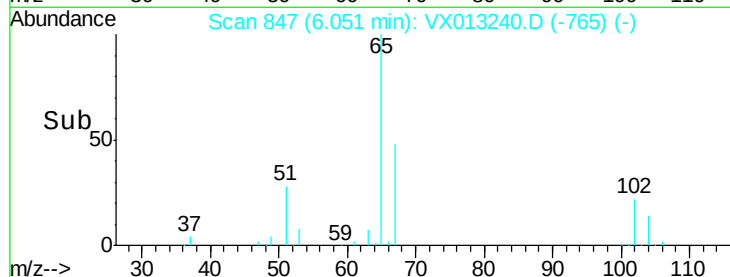
10000

5000

0

Time-->

6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

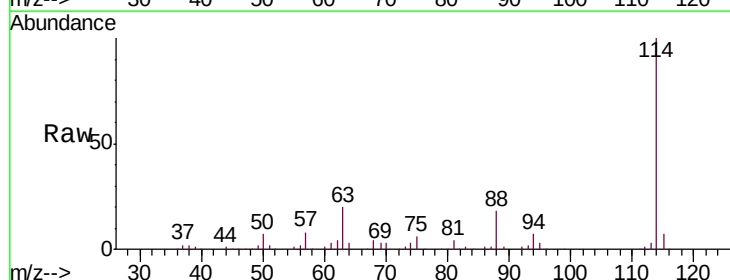
Tgt Ion: 114 Resp: 165615

Ion Ratio Lower Upper

114 100

63 20.2 16.1 24.1

88 17.8 13.7 20.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.85

80000

60000

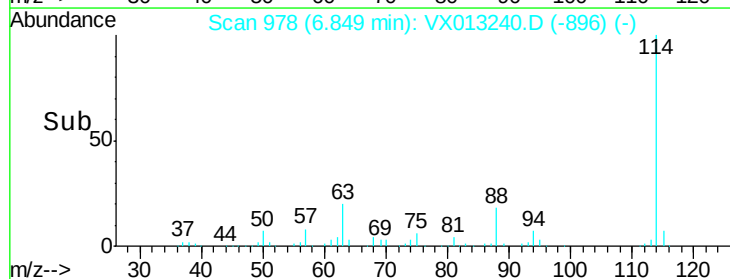
40000

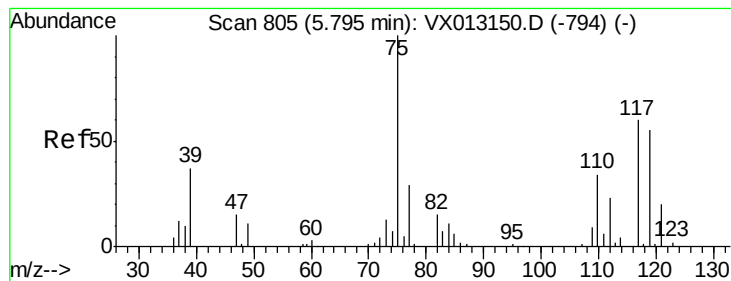
20000

0

Time-->

6.75 6.80 6.85 6.90 6.95





#29

1,1-Dichloropropene

Concen: 17.955 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

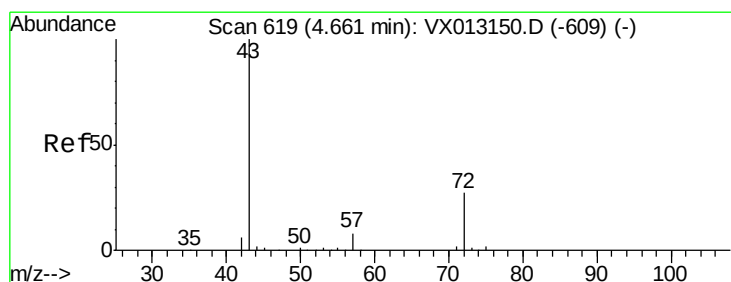
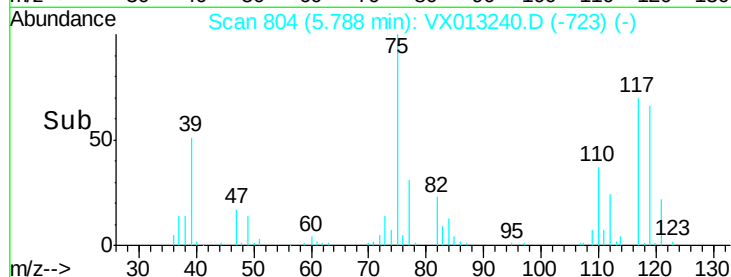
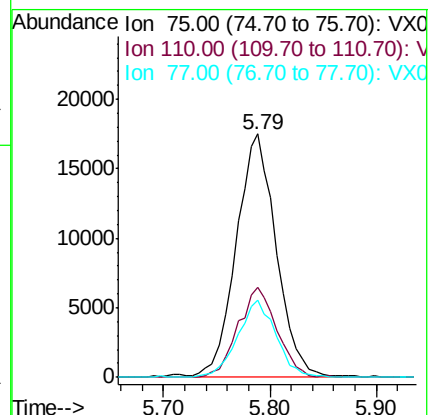
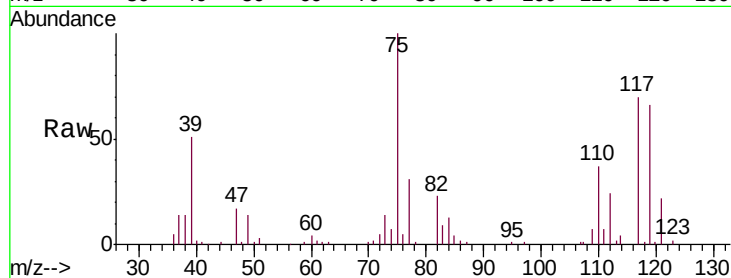
Tgt Ion: 75 Resp: 46194

Ion Ratio Lower Upper

75 100

110 35.8 0.0 68.4

77 30.6 0.0 30.8



#30

2-Butanone

Concen: 88.223 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

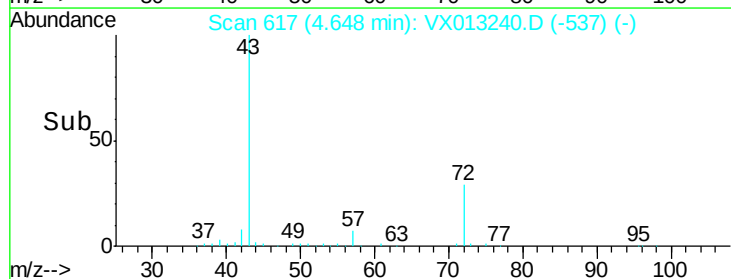
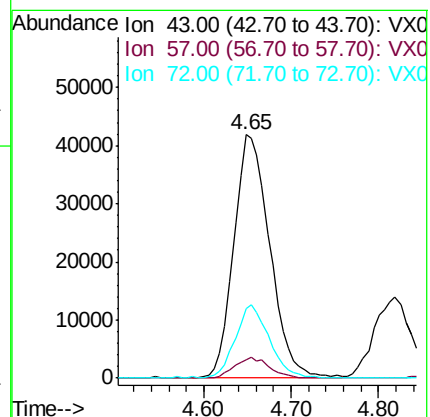
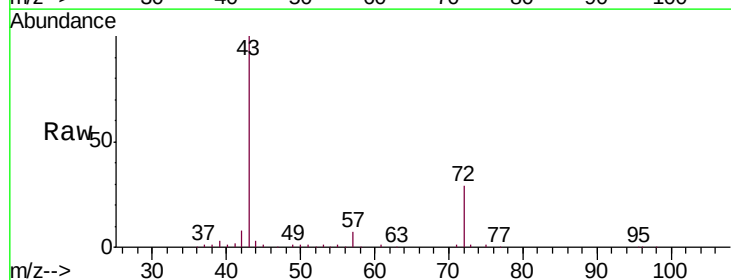
Tgt Ion: 43 Resp: 119063

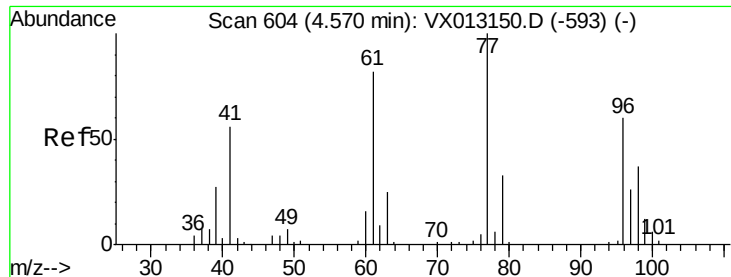
Ion Ratio Lower Upper

43 100

57 8.2 7.0 10.6

72 28.7 23.4 35.2

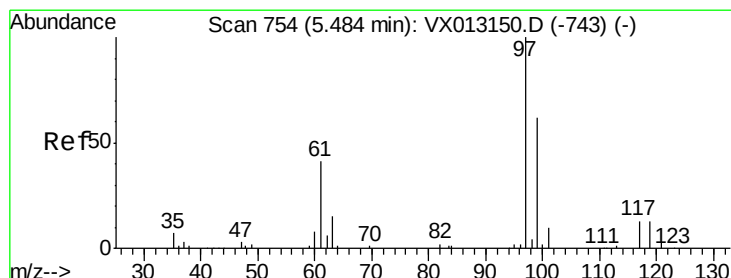
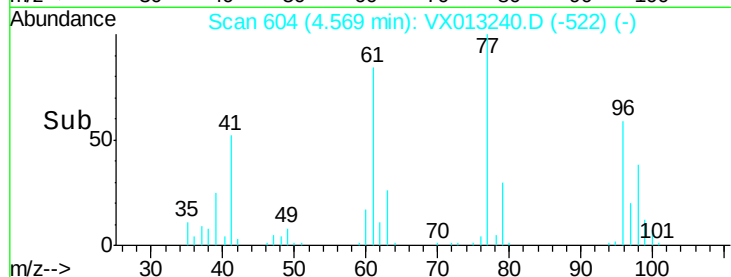
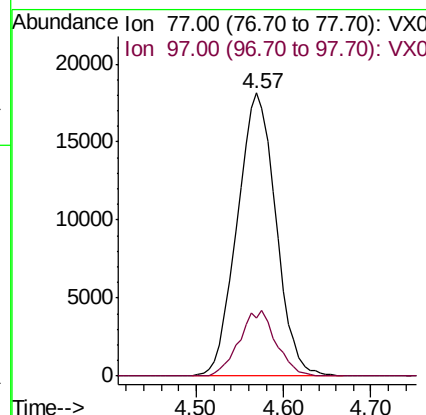
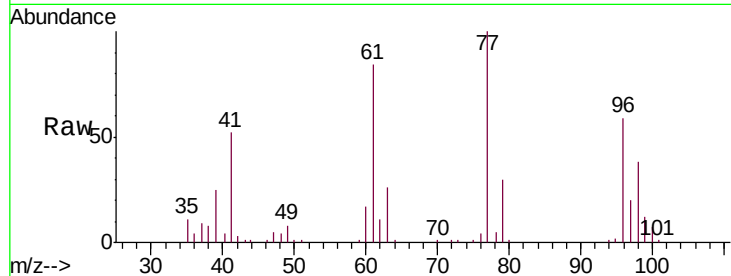




#31
 2,2-Dichloropropane
 Concen: 18.718 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

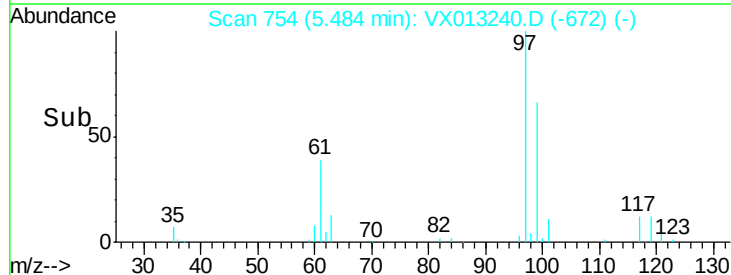
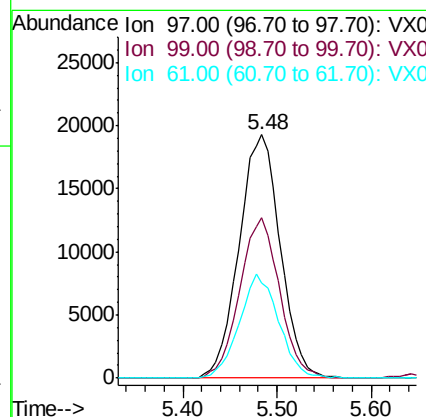
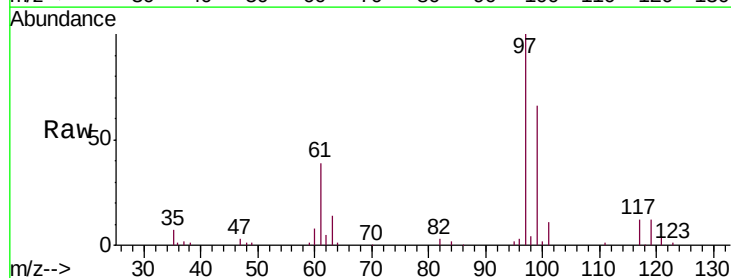
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

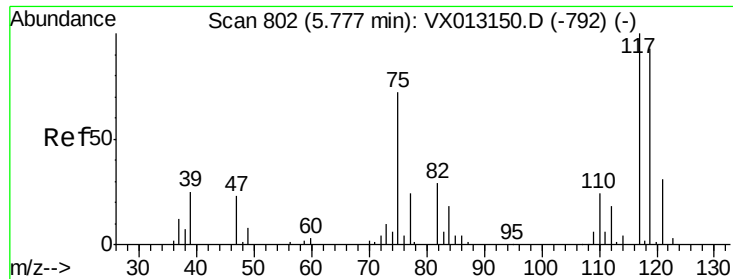
Tgt Ion: 77 Resp: 55677
 Ion Ratio Lower Upper
 77 100
 97 22.1 19.1 28.7



#32
 1,1,1-Trichloroethane
 Concen: 18.962 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 97 Resp: 59034
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.8 77.8
 61 40.8 33.5 50.3

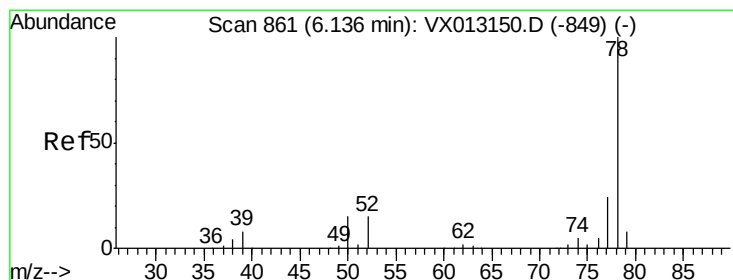
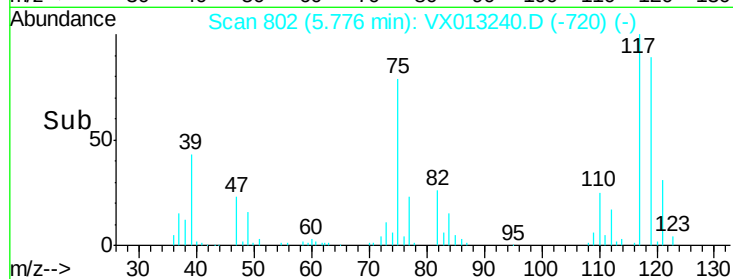
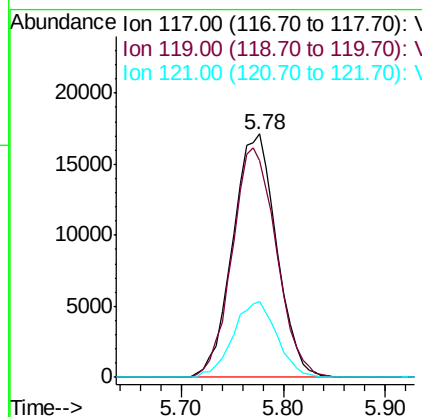
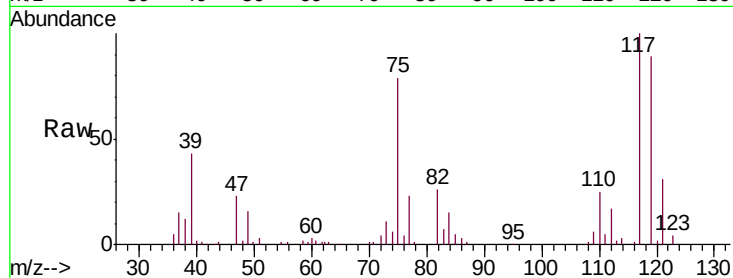




#33
Carbon Tetrachloride
Concen: 19.065 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

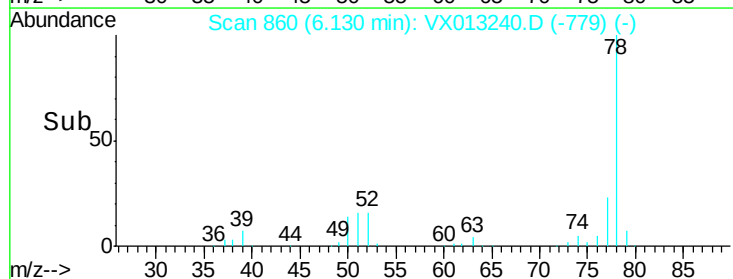
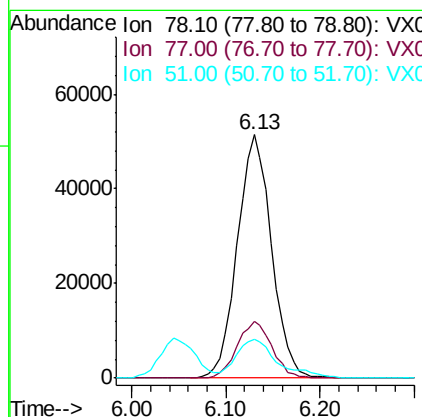
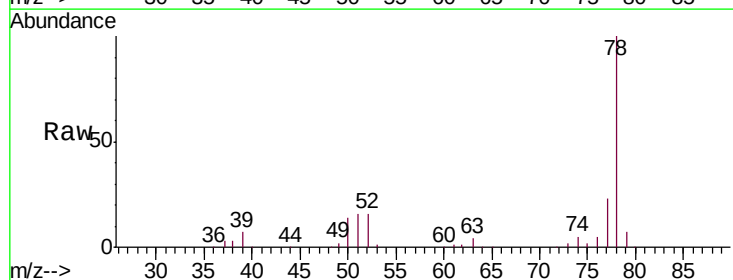
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

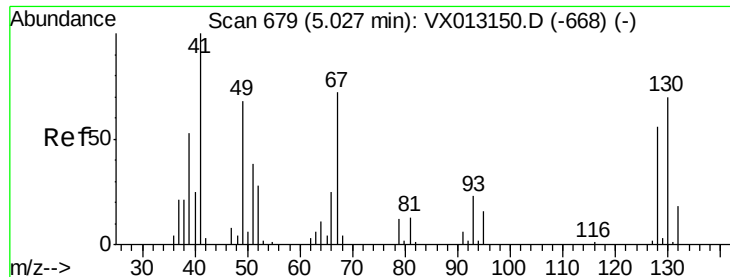
Tgt Ion:117 Resp: 51014
Ion Ratio Lower Upper
117 100
119 89.1 74.9 112.3
121 31.3 25.0 37.4



#34
Benzene
Concen: 17.611 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 78 Resp: 130446
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 15.4 11.4 17.2

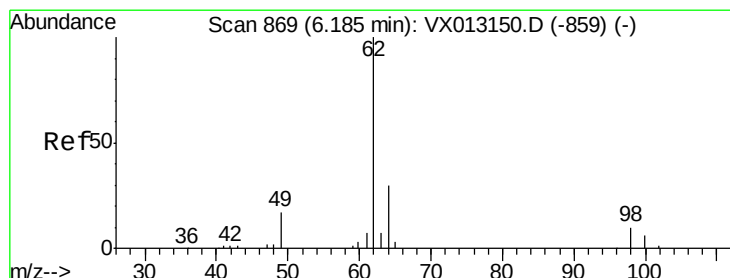
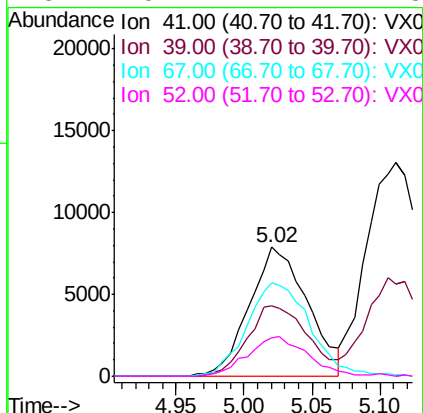
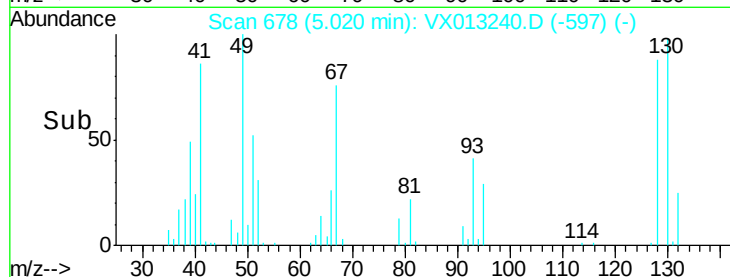
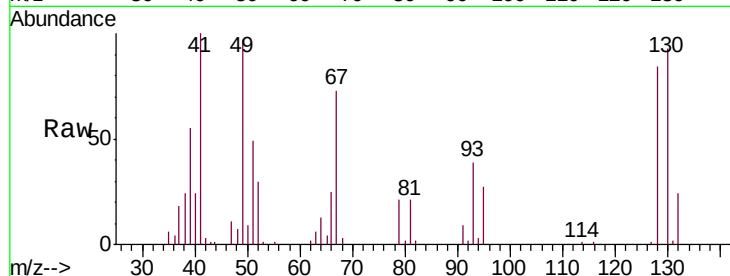




#35
Methacrylonitrile
Concen: 16.980 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

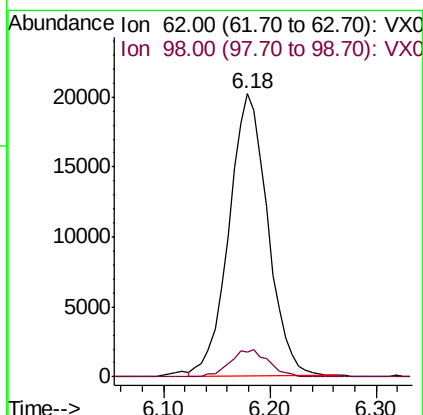
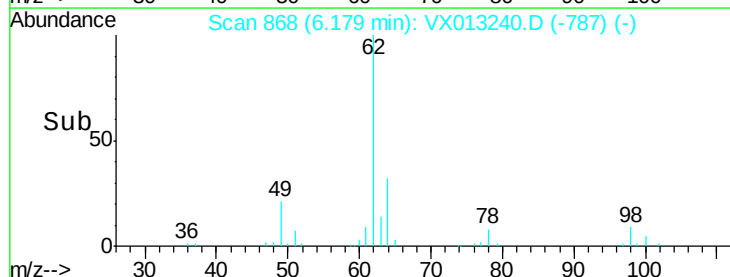
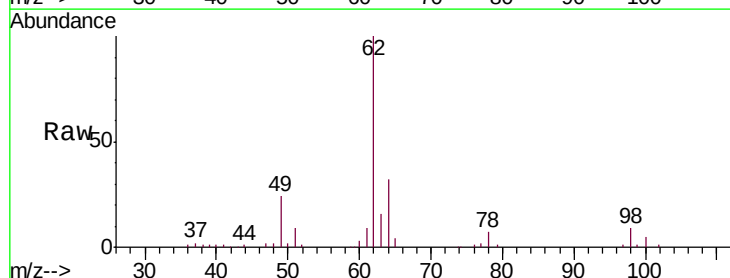
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

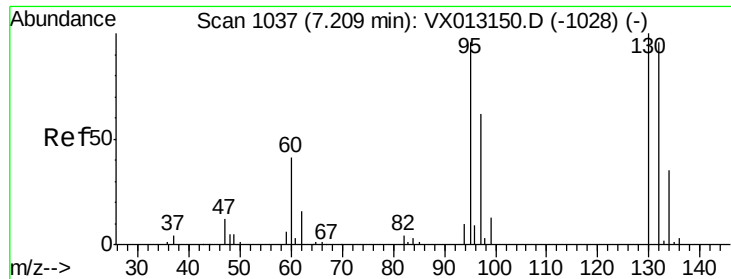
Tgt Ion: 41 Resp: 23501
Ion Ratio Lower Upper
41 100
39 54.9 26.3 78.9
67 72.8 35.8 107.4
52 29.7 14.1 42.3



#36
1,2-Dichloroethane
Concen: 18.404 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 62 Resp: 51528
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0

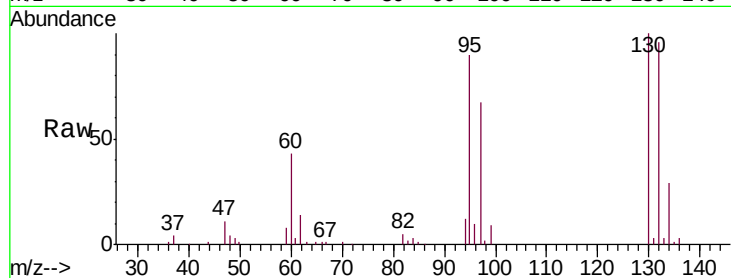




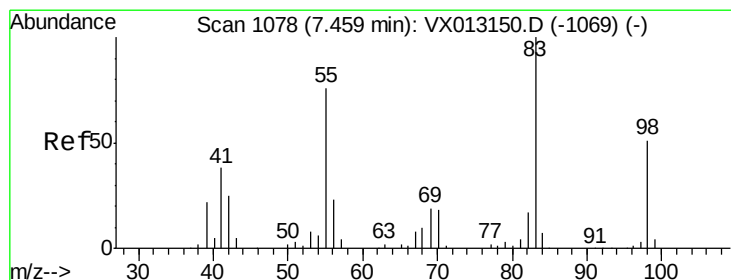
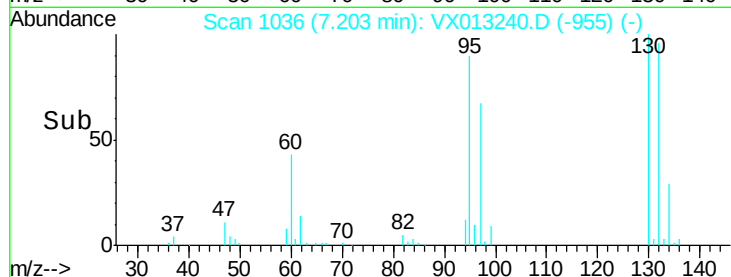
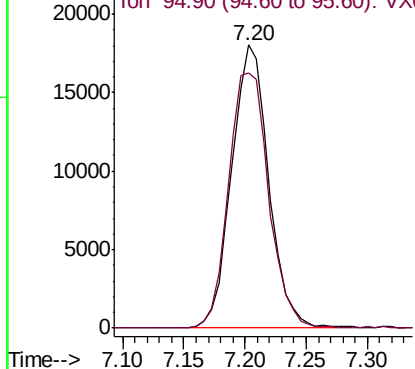
#37
 Trichloroethene
 Concen: 18.404 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 37811
 Ion Ratio Lower Upper
 130 100
 95 90.2 77.0 115.6

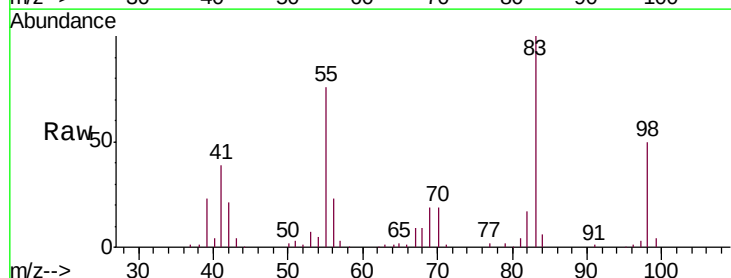


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

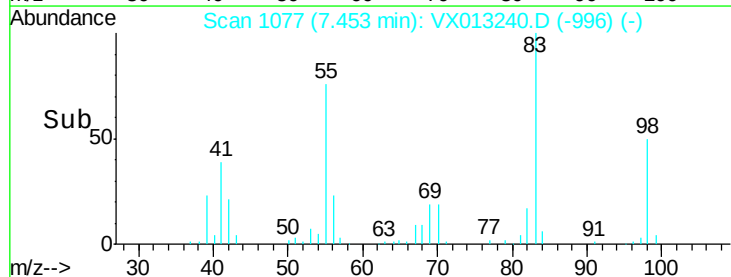
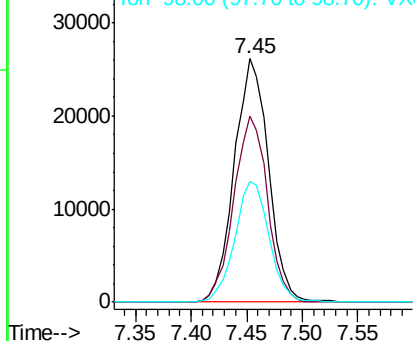


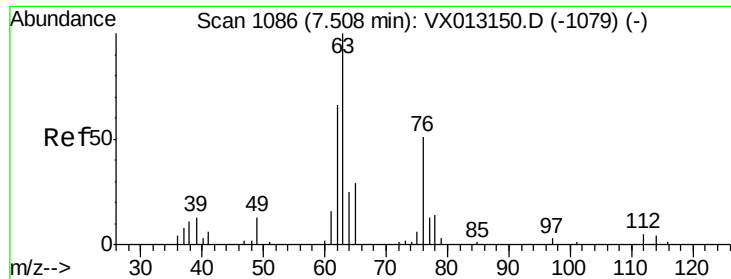
#38
 Methylcyclohexane
 Concen: 17.787 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 83 Resp: 55811
 Ion Ratio Lower Upper
 83 100
 55 74.9 37.5 112.5
 98 49.8 25.4 76.0



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

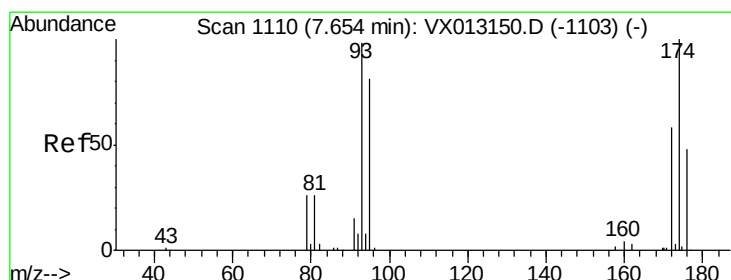
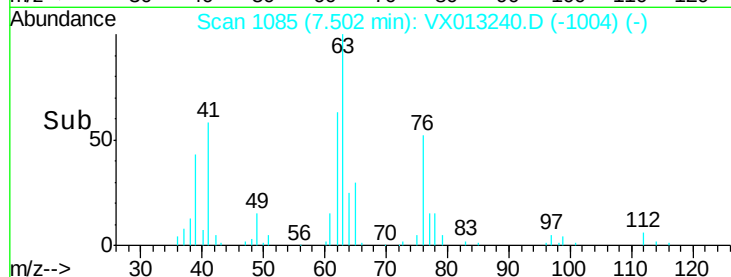
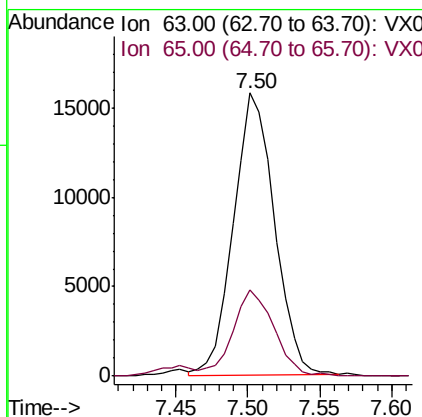
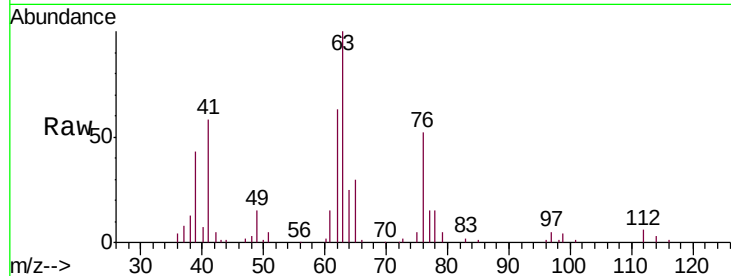




#39
 1,2-Dichloropropane
 Concen: 17.132 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

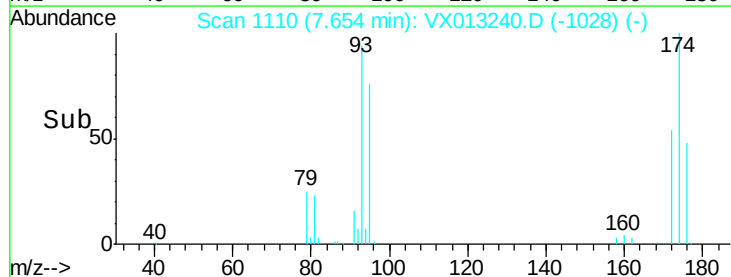
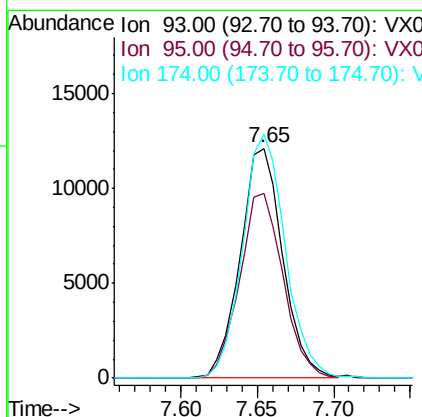
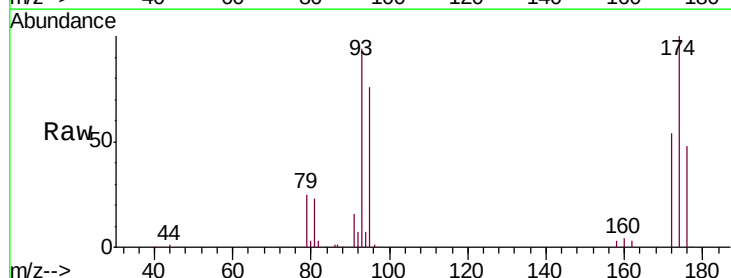
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

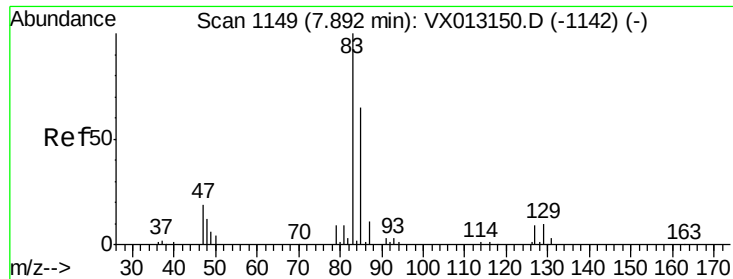
Tgt Ion: 63 Resp: 31146
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2



#40
 Dibromomethane
 Concen: 18.091 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 93 Resp: 23492
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 166.0
 174 106.4 0.0 208.8





#41

Bromodichloromethane

Concen: 18.399 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

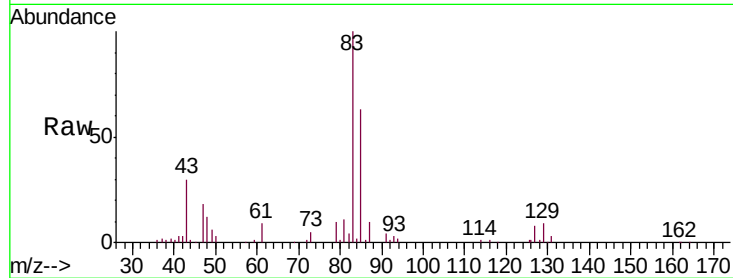
Tgt Ion: 83 Resp: 48175

Ion Ratio Lower Upper

83 100

85 63.4 52.1 78.1

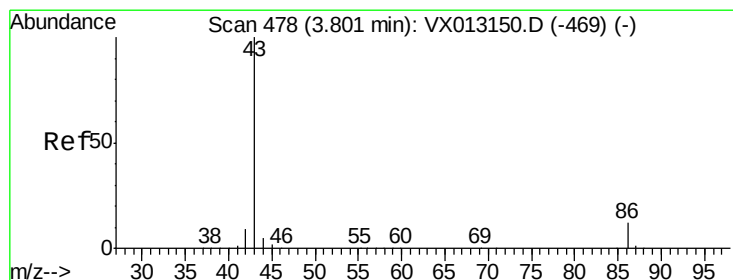
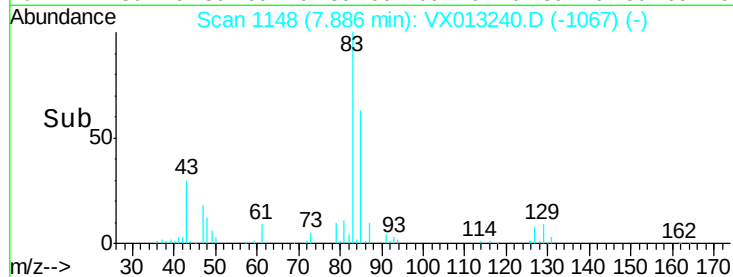
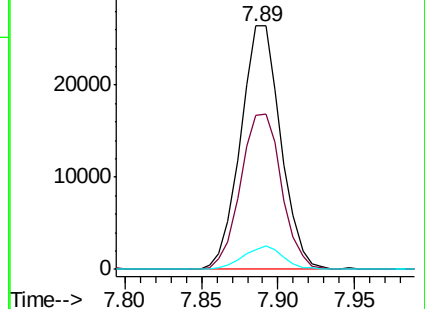
127 8.0 7.5 11.3



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: 85.927 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013240.D

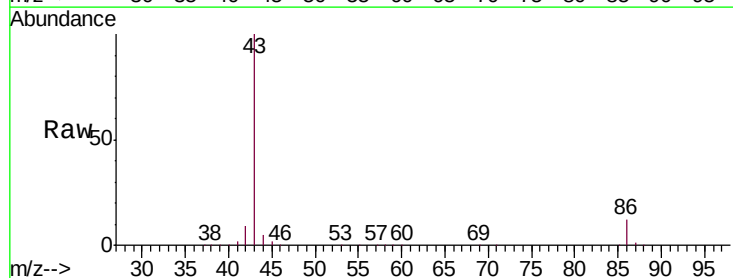
Acq: 28 Oct 2019 11:45

Tgt Ion: 43 Resp: 402136

Ion Ratio Lower Upper

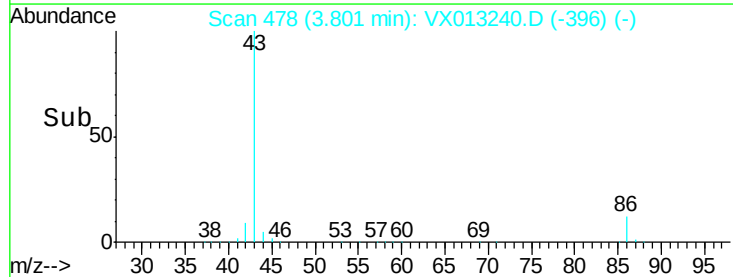
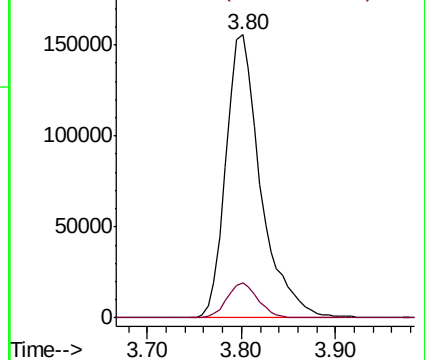
43 100

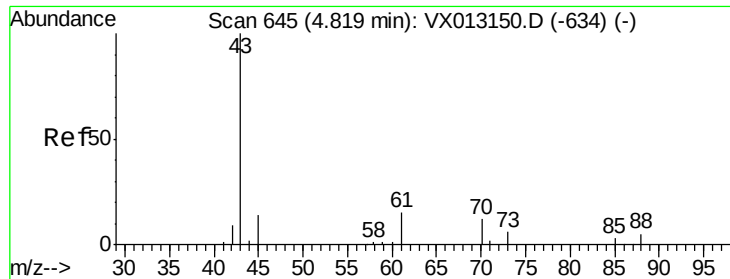
86 11.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 16.646 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

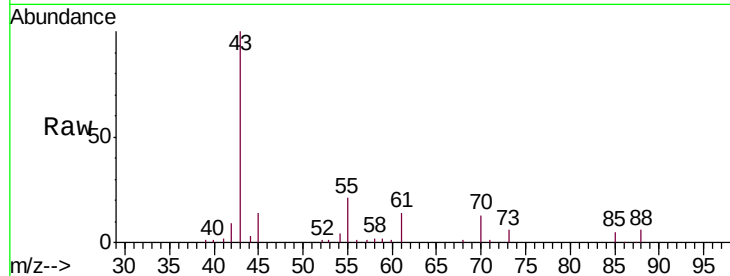
VSTDCCC020

Tgt Ion: 43 Resp: 40975

Ion Ratio Lower Upper

43 100

45 16.4 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

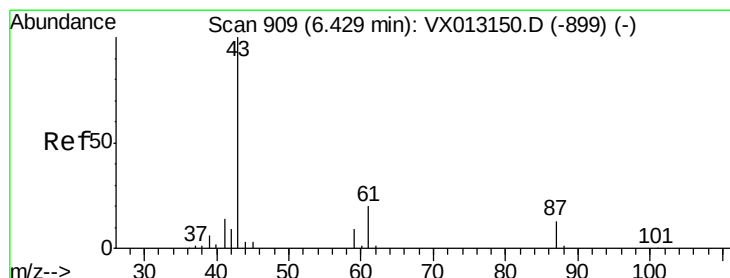
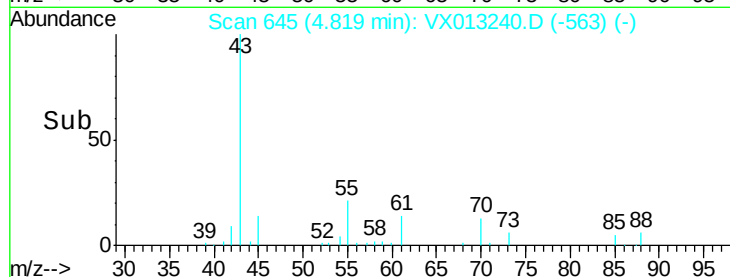
15000

10000

5000

0

Time--> 4.70 4.75 4.80 4.85 4.90



#44

Isopropyl Acetate

Concen: 17.329 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX013240.D

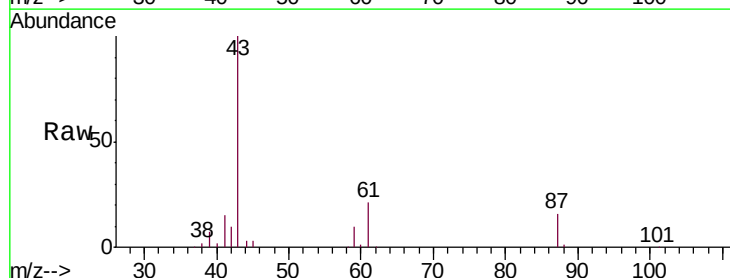
Acq: 28 Oct 2019 11:45

Tgt Ion: 43 Resp: 71691

Ion Ratio Lower Upper

43 100

61 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

25000

20000

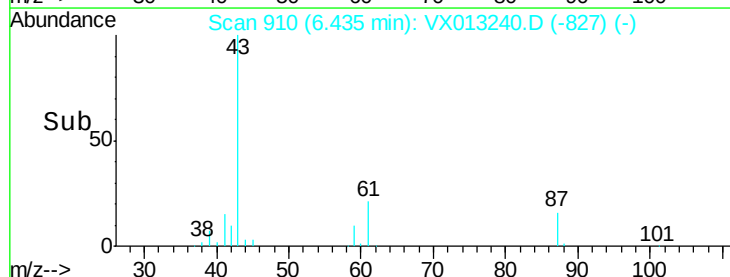
15000

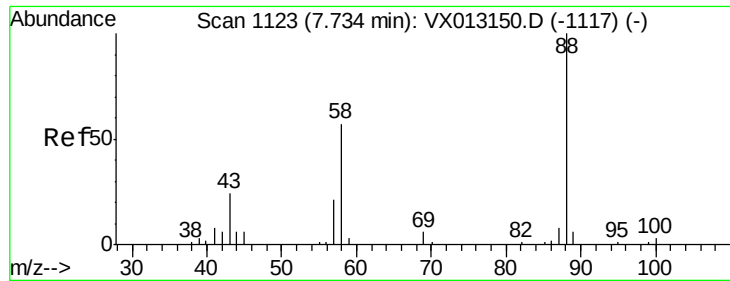
10000

5000

0

Time--> 6.35 6.40 6.45 6.50

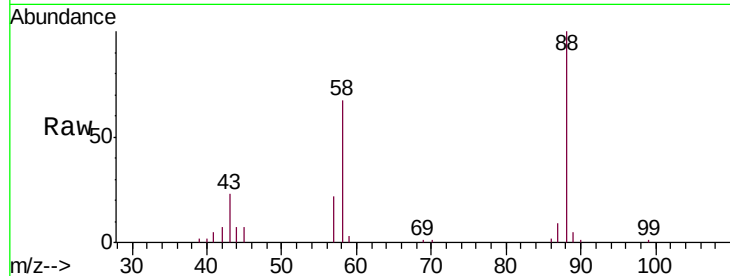




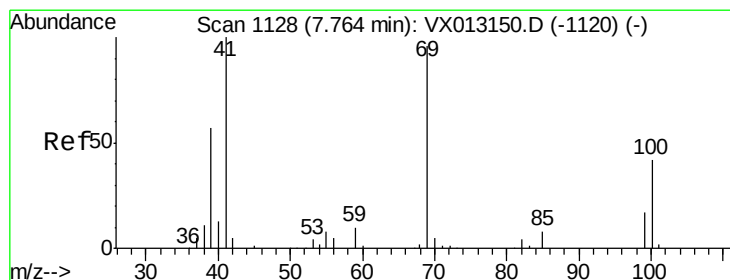
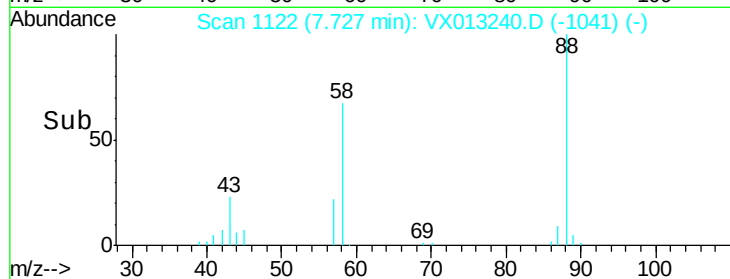
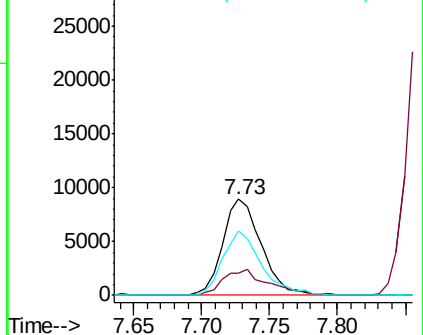
#45
 1,4-Dioxane
 Concen: 336.136 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 88 Resp: 17586
 Ion Ratio Lower Upper
 88 100
 43 32.1 24.0 36.0
 58 67.2 52.8 79.2

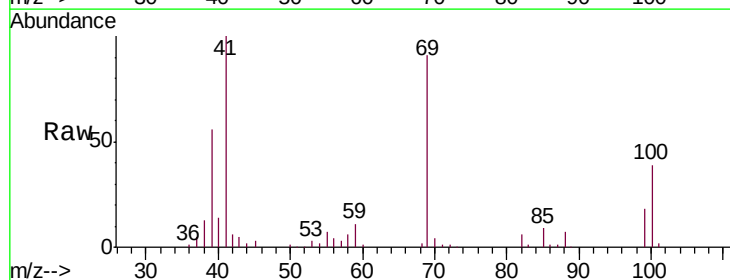


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

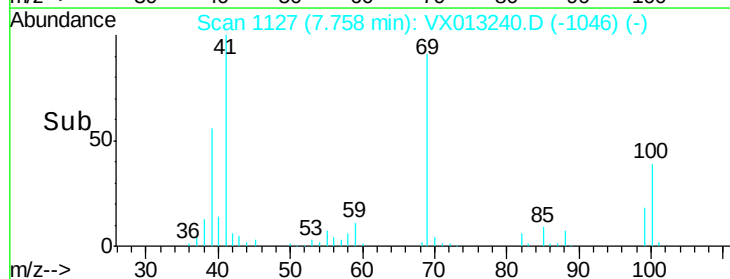
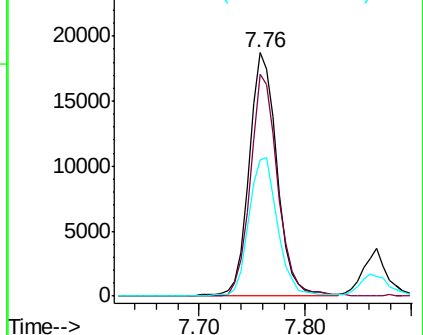


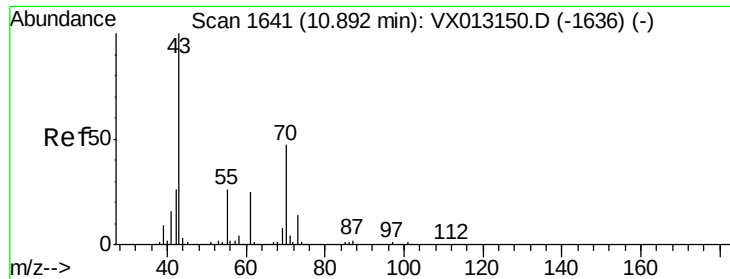
#46
 Methyl methacrylate
 Concen: 17.014 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 41 Resp: 34636
 Ion Ratio Lower Upper
 41 100
 69 91.2 47.8 143.3
 39 55.8 28.5 85.5



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





#47

n-amyI Acetate

Concen: 16.548 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

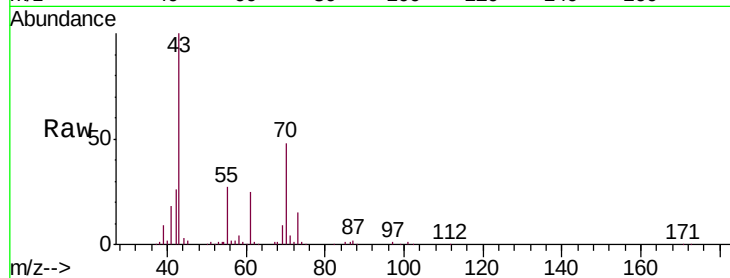
VSTDCCC020

Tgt Ion: 43 Resp: 57705

Ion Ratio Lower Upper

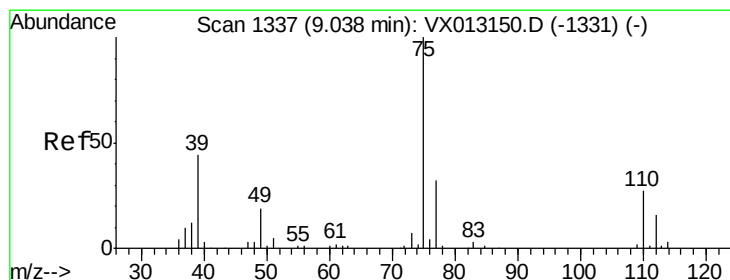
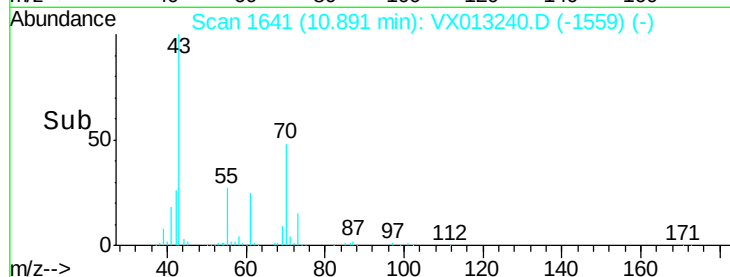
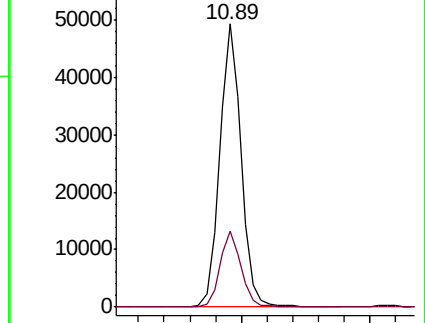
43 100

55 26.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.400 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013240.D

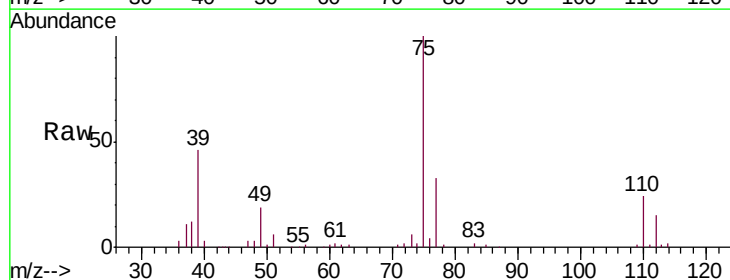
Acq: 28 Oct 2019 11:45

Tgt Ion: 75 Resp: 52848

Ion Ratio Lower Upper

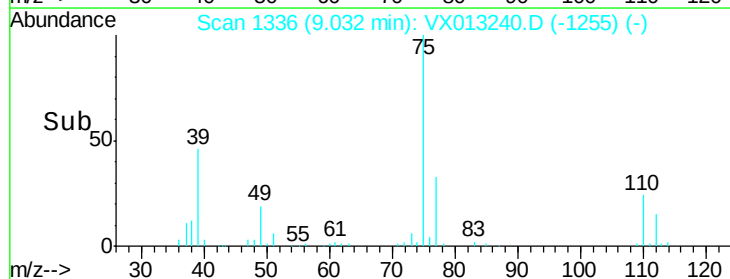
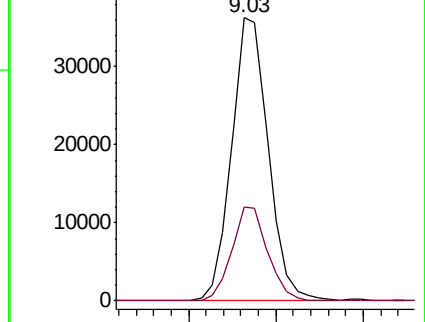
75 100

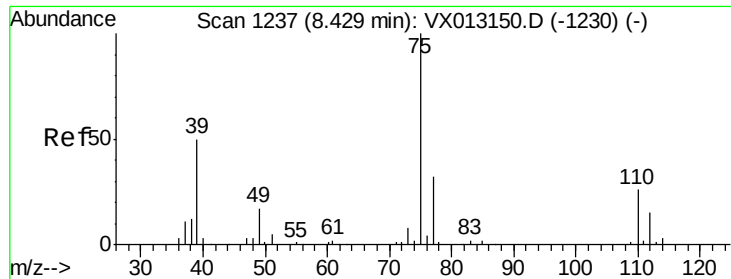
77 33.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

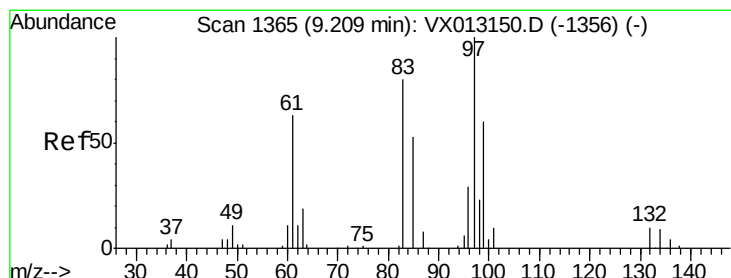
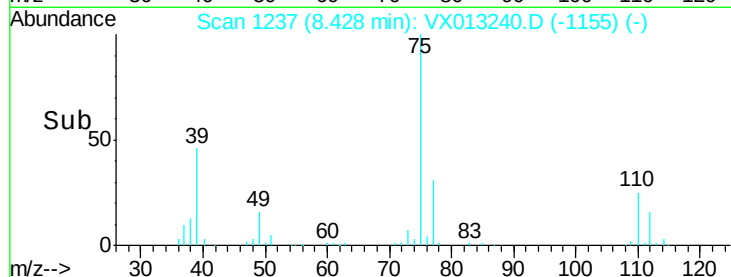
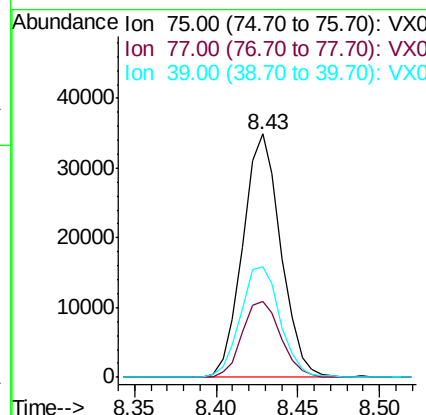
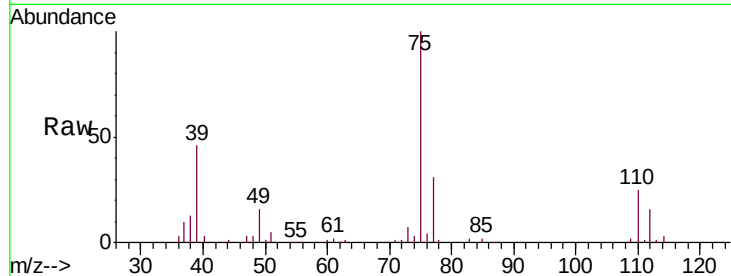




#49
 cis-1,3-Dichloropropene
 Concen: 18.214 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

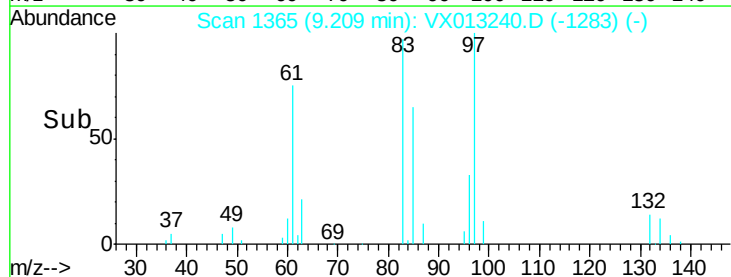
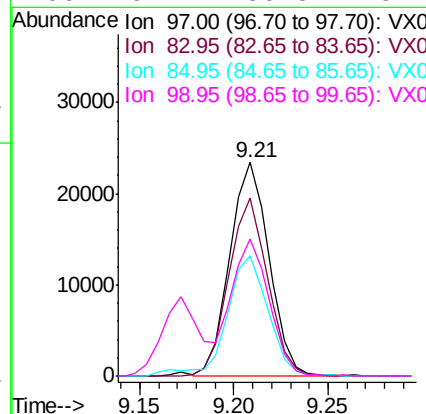
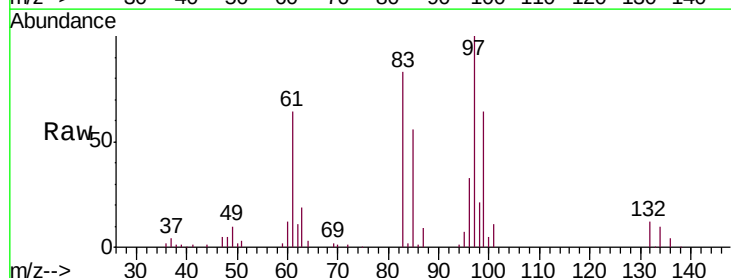
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

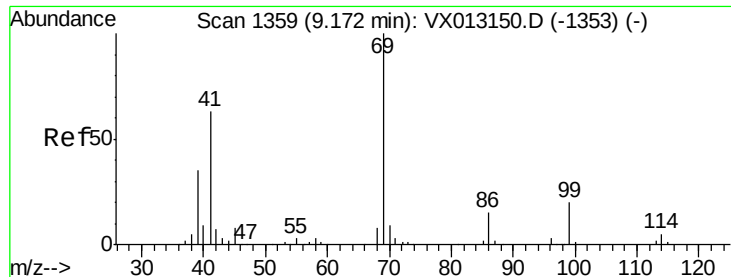
Tgt Ion: 75 Resp: 56921
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.8
 39 45.5 39.7 59.5



#50
 1,1,2-Trichloroethane
 Concen: 17.714 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 97 Resp: 33970
 Ion Ratio Lower Upper
 97 100
 83 83.2 64.2 96.4
 85 56.2 42.7 64.1
 99 64.2 50.5 75.7





#51

Ethyl methacrylate

Concen: 17.580 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

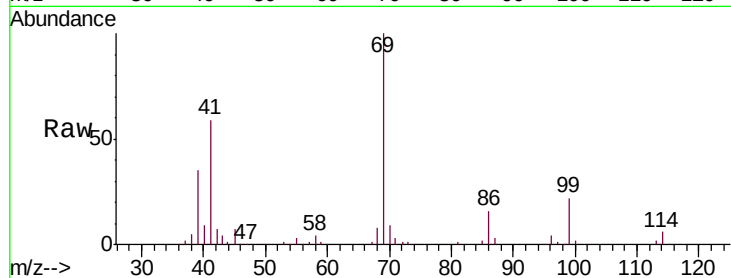
Tgt Ion: 69 Resp: 52863

Ion Ratio Lower Upper

69 100

41 58.6 31.6 95.0

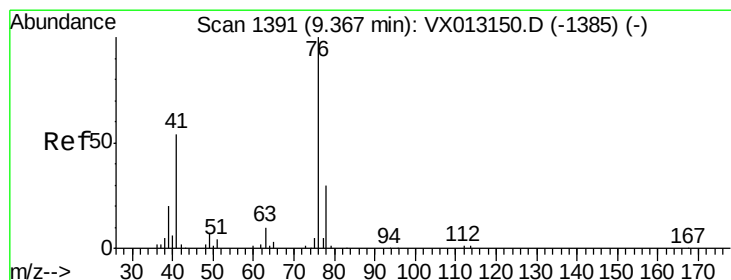
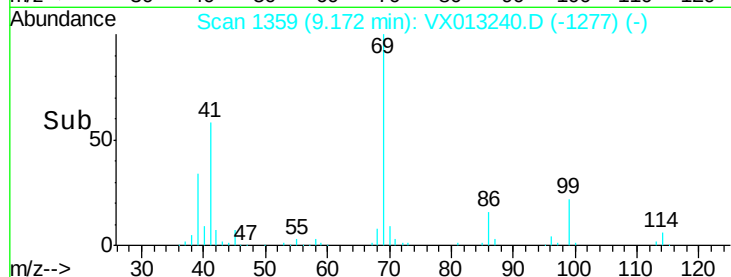
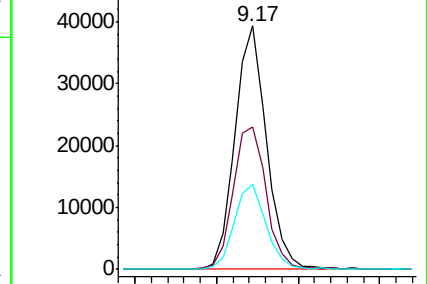
39 34.9 17.7 53.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 17.841 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013240.D

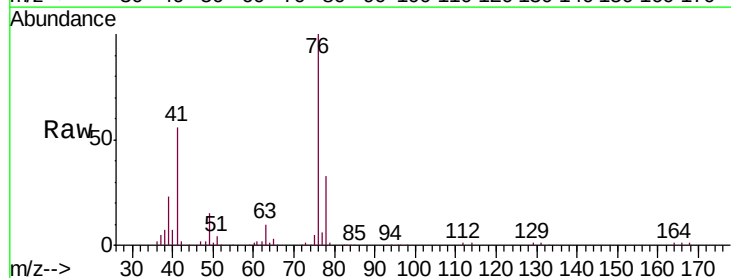
Acq: 28 Oct 2019 11:45

Tgt Ion: 76 Resp: 57617

Ion Ratio Lower Upper

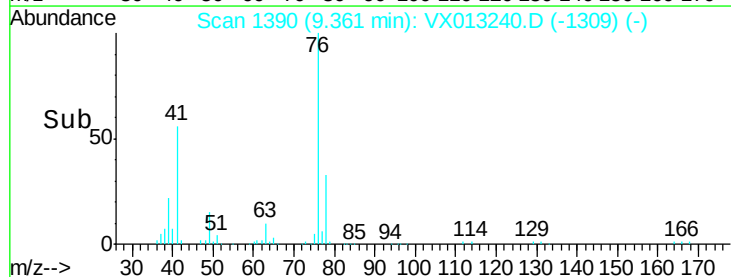
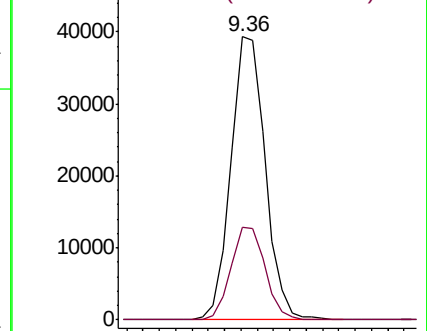
76 100

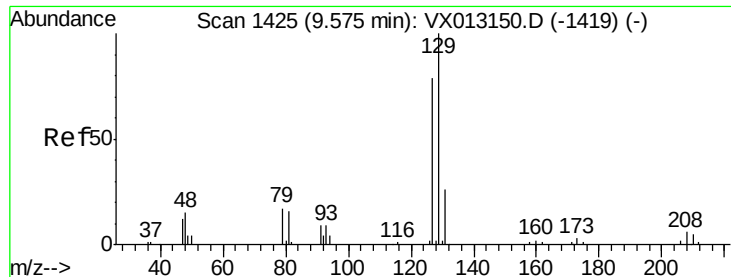
78 32.6 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

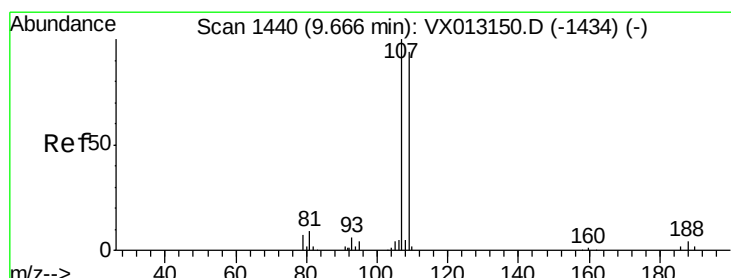
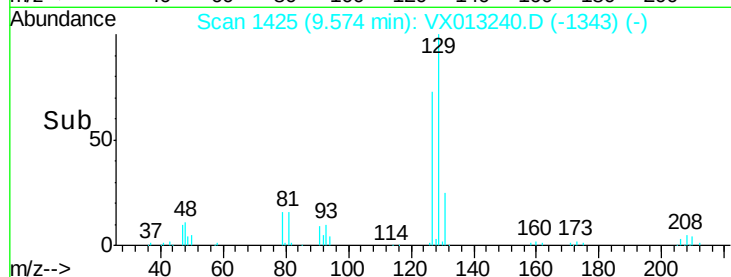
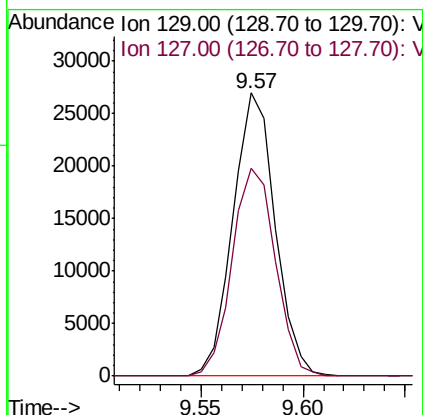
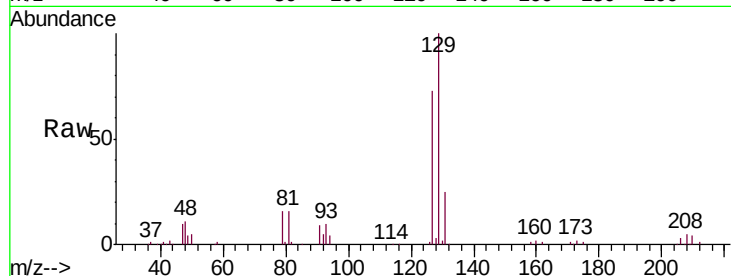




#53
 Dibromochloromethane
 Concen: 18.742 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

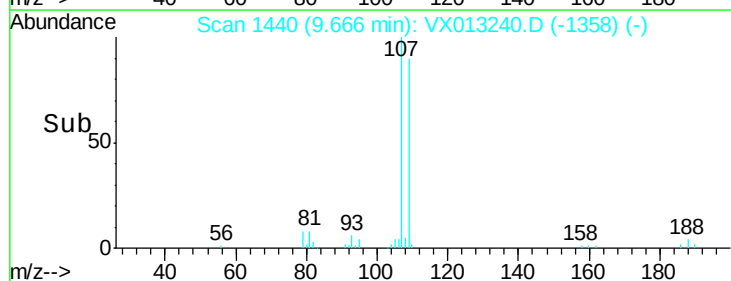
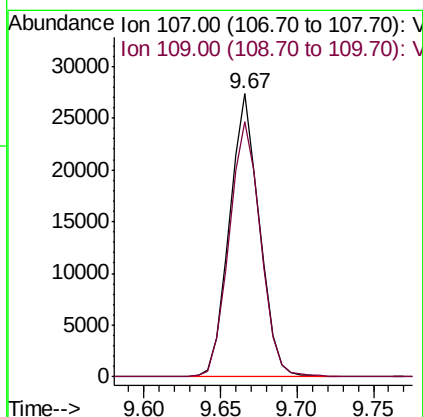
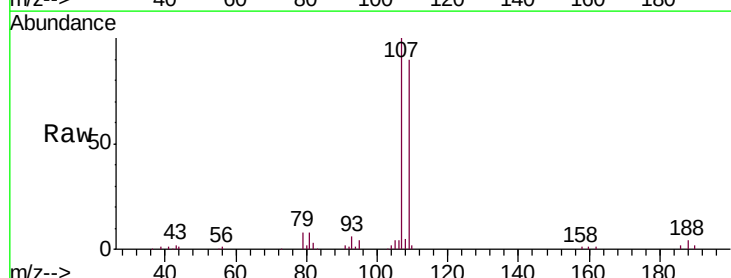
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

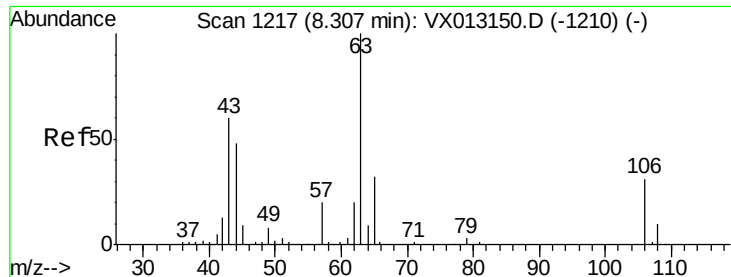
Tgt Ion:129 Resp: 38769
 Ion Ratio Lower Upper
 129 100
 127 75.3 39.4 118.2



#54
 1,2-Dibromoethane
 Concen: 18.117 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:107 Resp: 37148
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.4 113.0

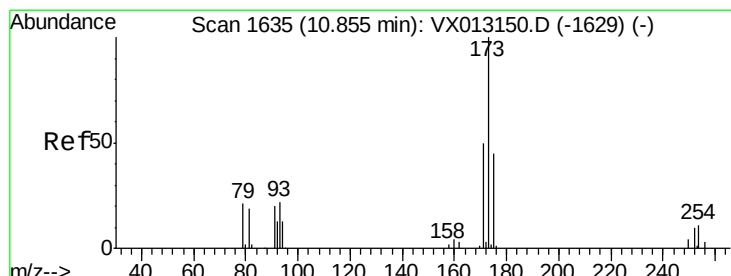
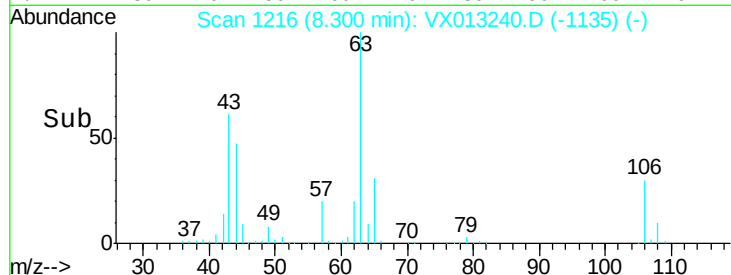
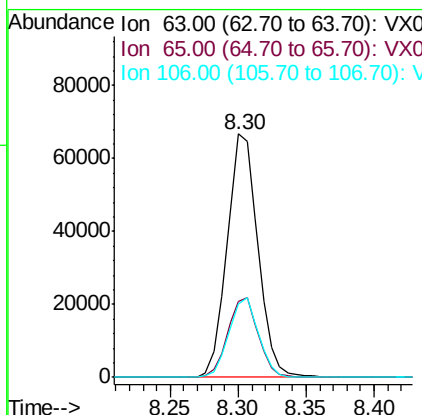
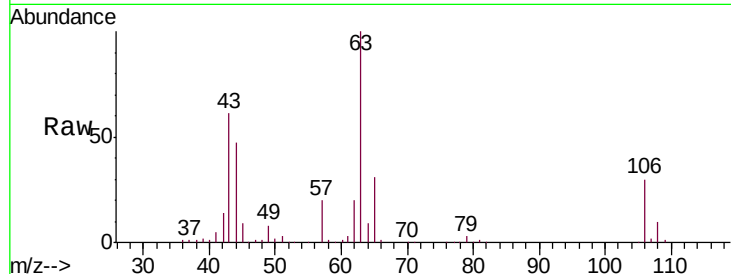




#55
 2-Chloroethyl vinyl ether
 Concen: 86.050 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

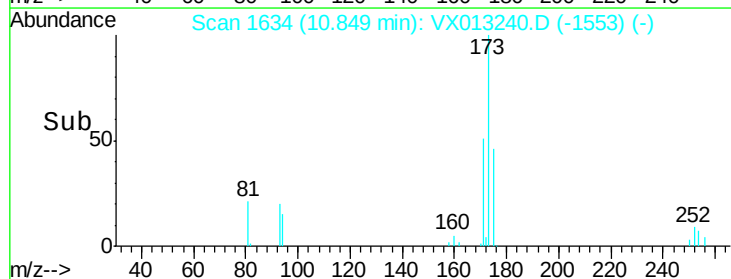
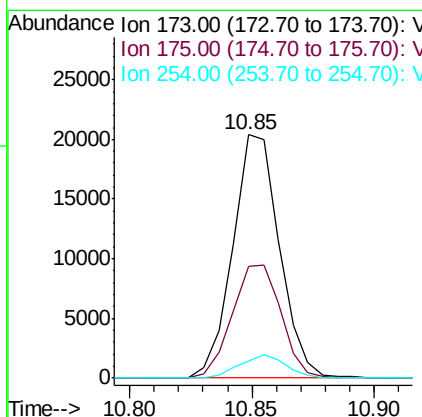
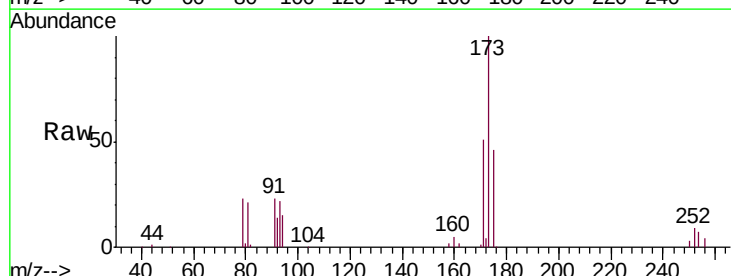
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

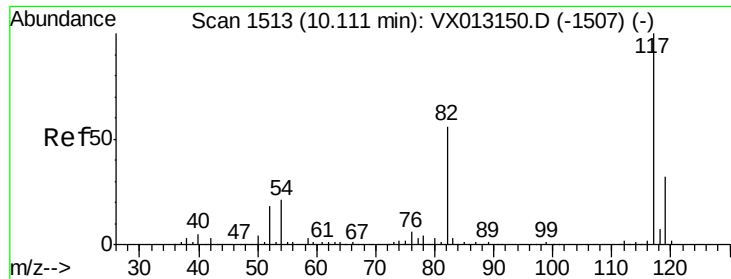
Tgt Ion:	63	Resp:	105107
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.5	38.3
106	31.5	24.8	37.2



#56
 Bromoform
 Concen: 18.456 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:	173	Resp:	27086
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	9.6	8.1	12.1

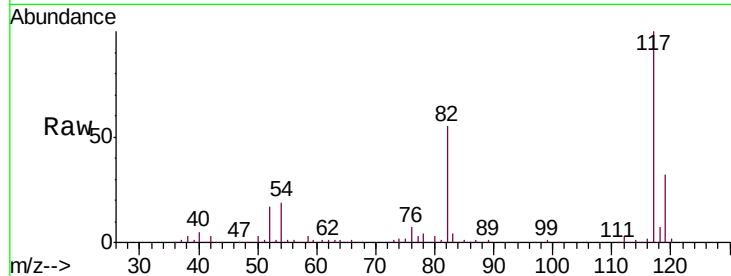




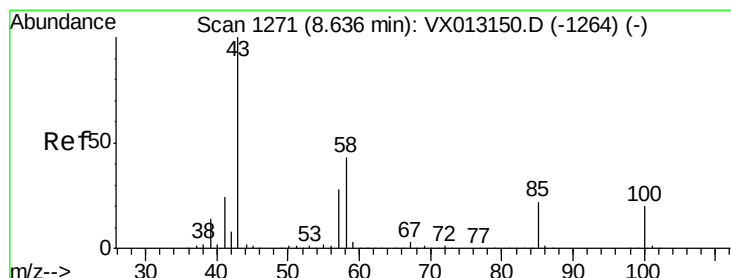
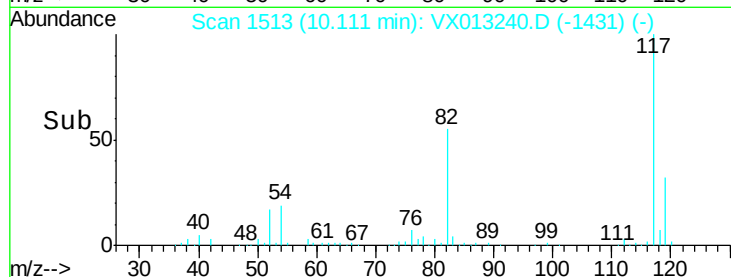
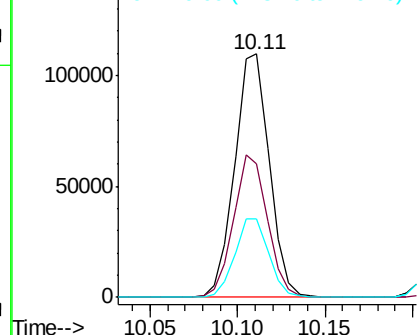
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 151171
Ion Ratio Lower Upper
117 100
82 57.4 46.0 69.0
119 31.8 25.4 38.0

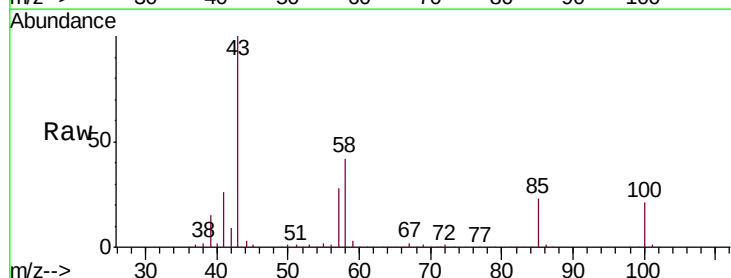


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

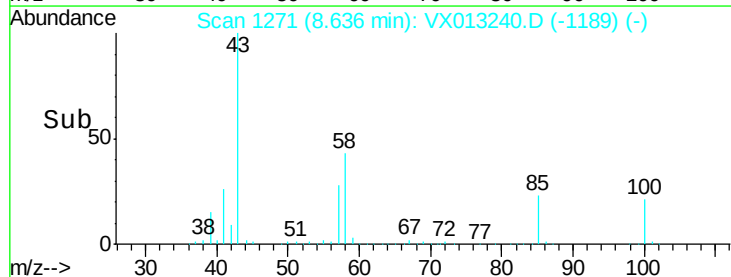
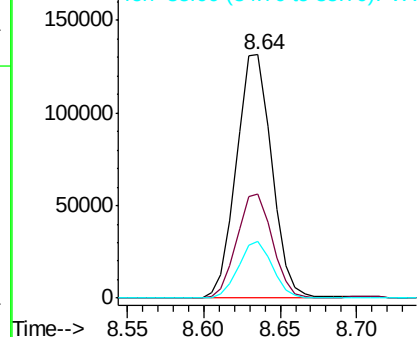


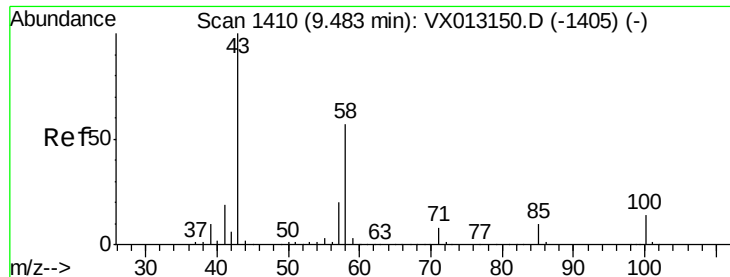
#58
4-Methyl-2-Pentanone
Concen: 83.160 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 43 Resp: 211832
Ion Ratio Lower Upper
43 100
58 42.9 33.8 50.8
85 22.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

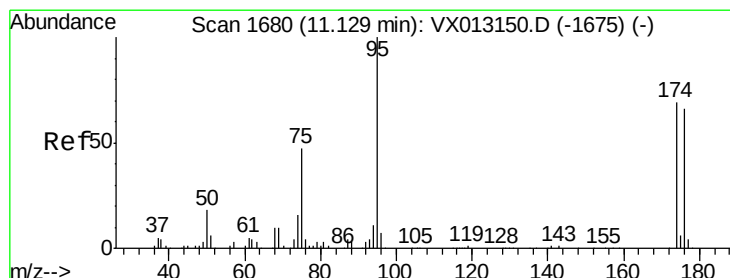
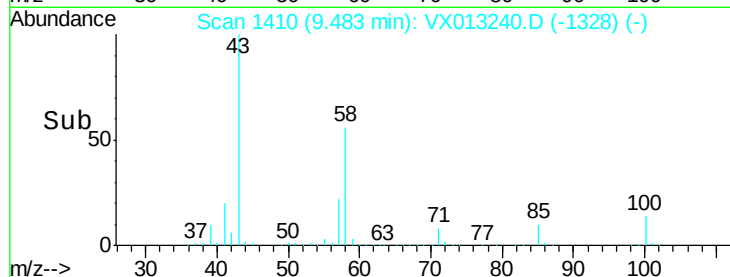
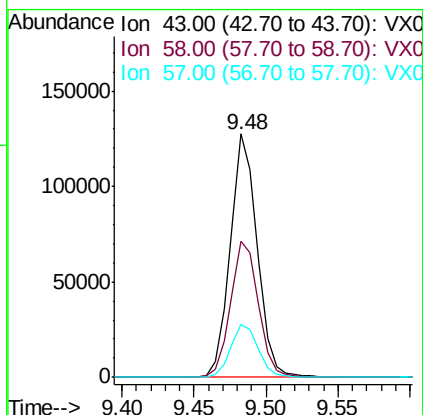
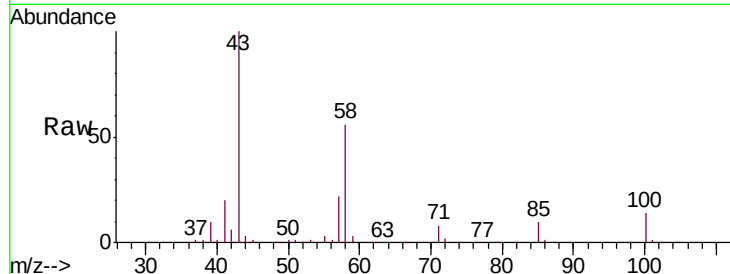




#59
2-Hexanone
Concen: 84.174 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

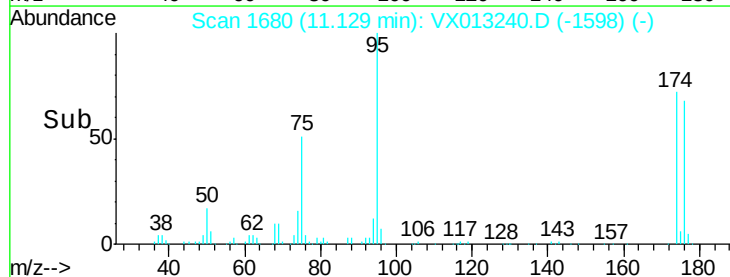
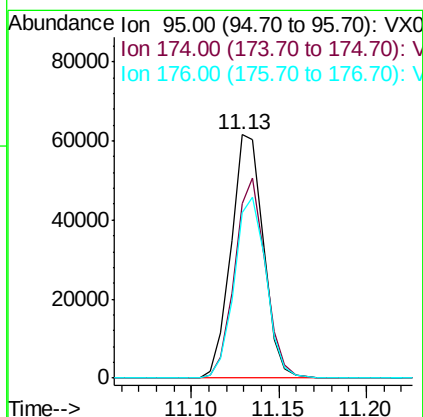
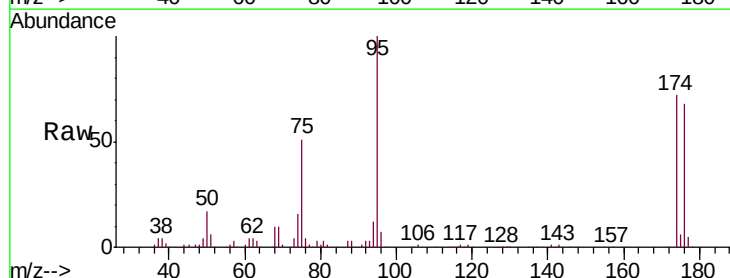
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

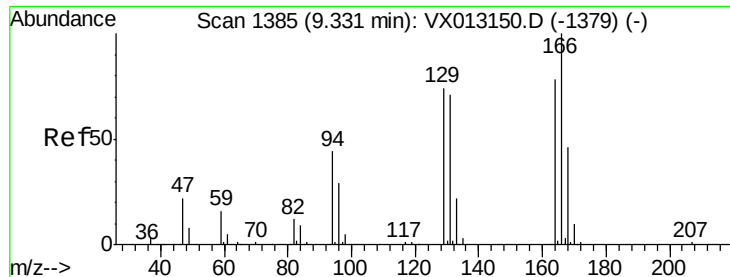
Tgt Ion: 43 Resp: 168040
Ion Ratio Lower Upper
43 100
58 58.0 46.6 69.8
57 22.1 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 30.108 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 95 Resp: 79255
Ion Ratio Lower Upper
95 100
174 78.3 60.0 90.0
176 73.3 58.5 87.7

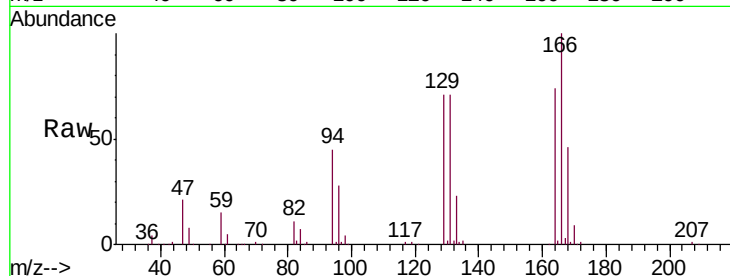




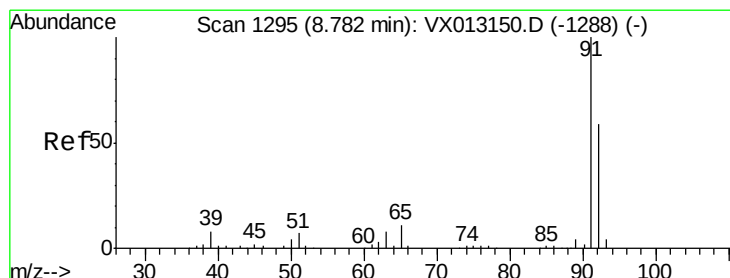
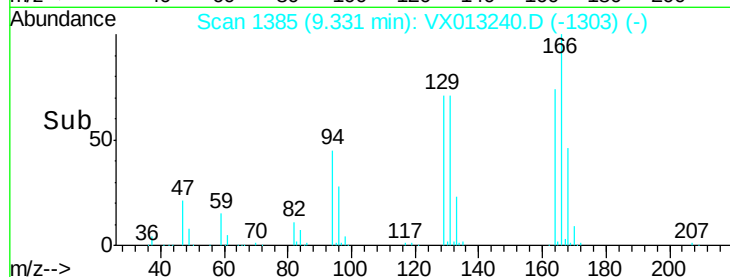
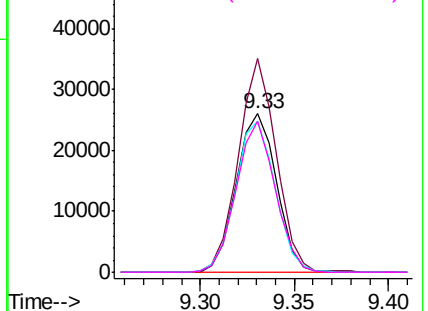
#61
Tetrachloroethene
Concen: 19.289 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:164 Resp: 38656
Ion Ratio Lower Upper
164 100
166 134.6 102.6 153.8
129 95.6 75.7 113.5
131 95.1 72.4 108.6

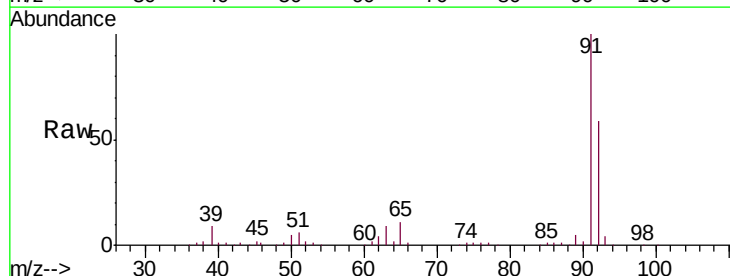


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

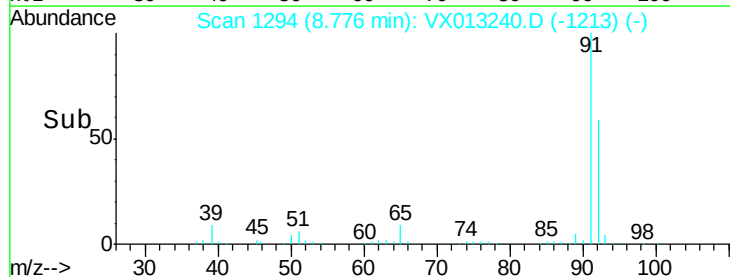
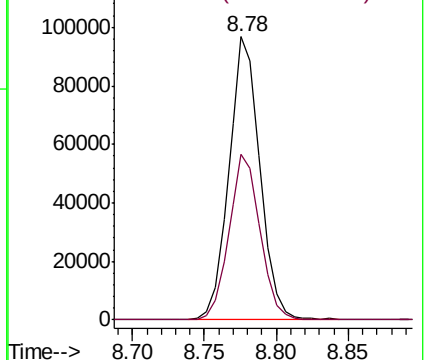


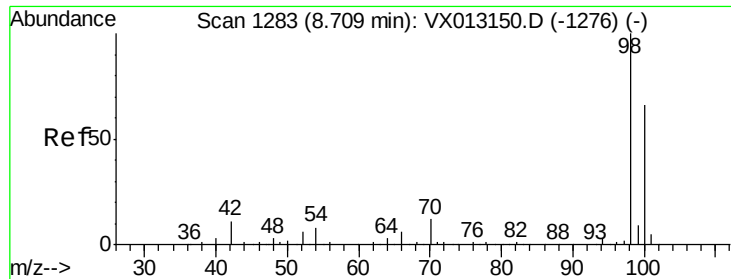
#62
Toluene
Concen: 17.757 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 91 Resp: 144905
Ion Ratio Lower Upper
91 100
92 58.8 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.849 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

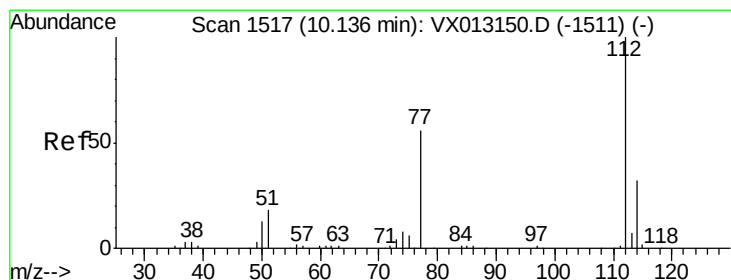
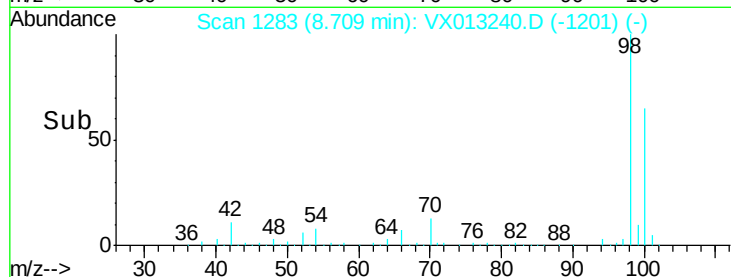
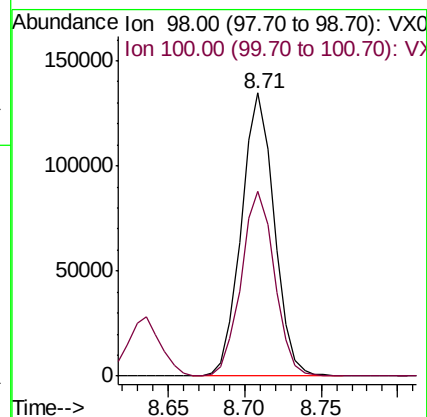
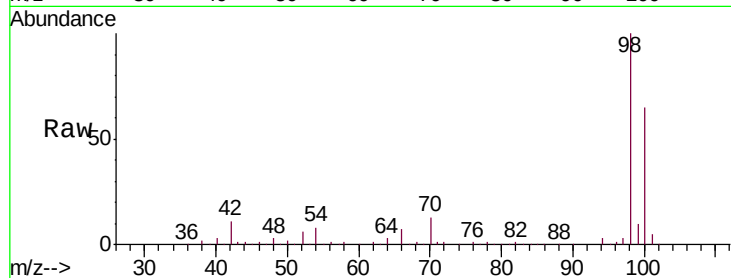
VSTDCCC020

Tgt Ion: 98 Resp: 200691

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#64

Chlorobenzene

Concen: 17.771 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013240.D

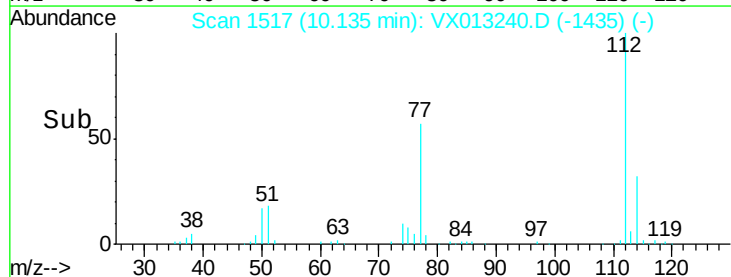
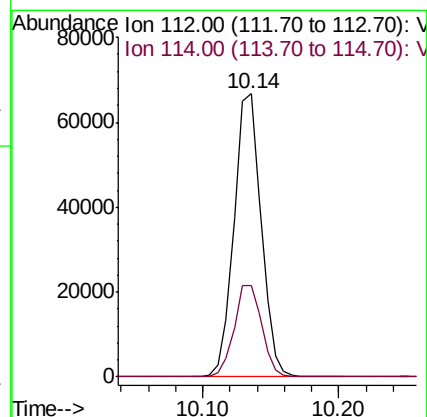
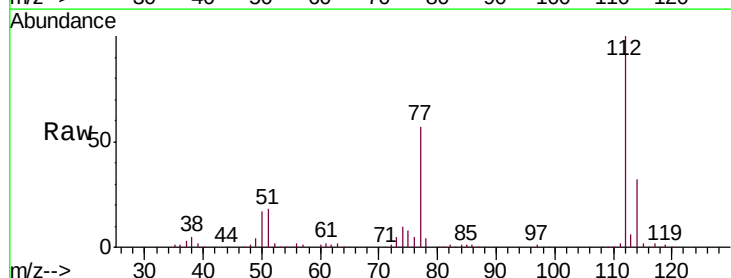
Acq: 28 Oct 2019 11:45

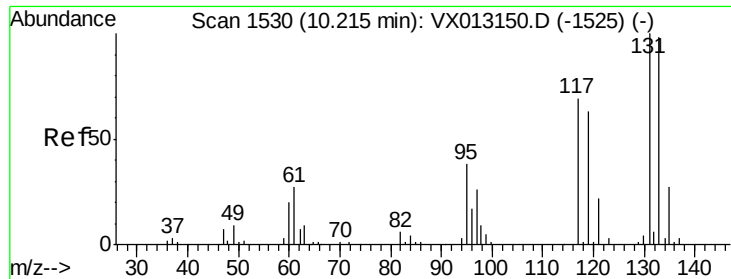
Tgt Ion: 112 Resp: 92986

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.559 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

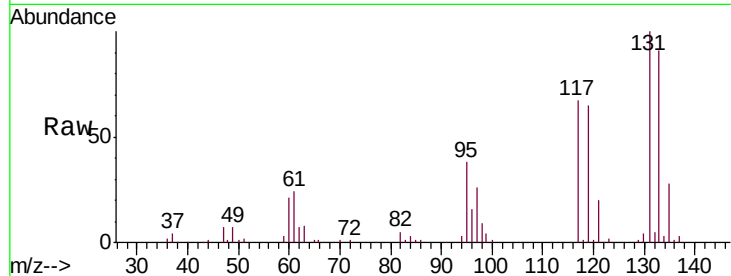
Tgt Ion:131 Resp: 36377

Ion Ratio Lower Upper

131 100

133 95.9 0.0 191.0

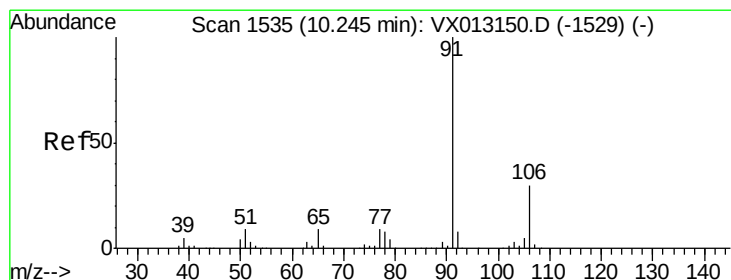
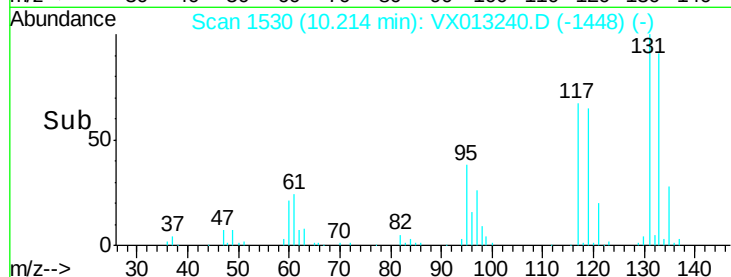
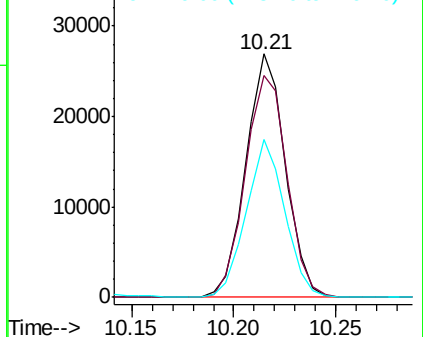
119 62.9 0.0 125.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.950 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013240.D

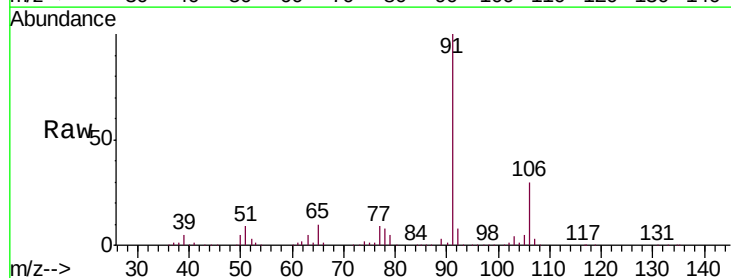
Acq: 28 Oct 2019 11:45

Tgt Ion: 91 Resp: 168597

Ion Ratio Lower Upper

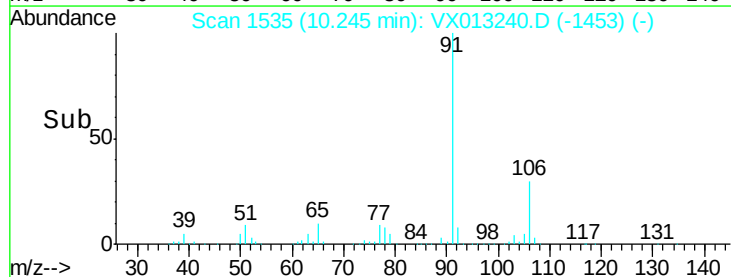
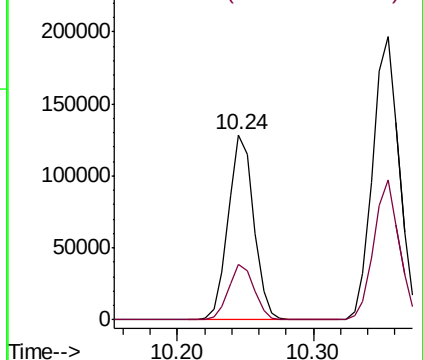
91 100

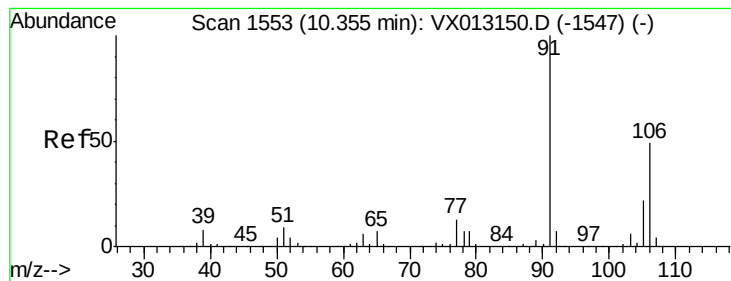
106 30.3 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 35.450 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

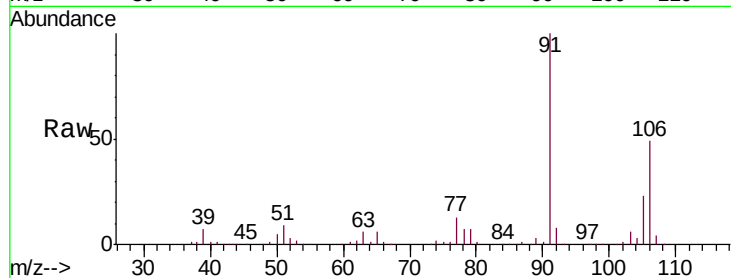
VSTDCCC020

Tgt Ion:106 Resp: 126545

Ion Ratio Lower Upper

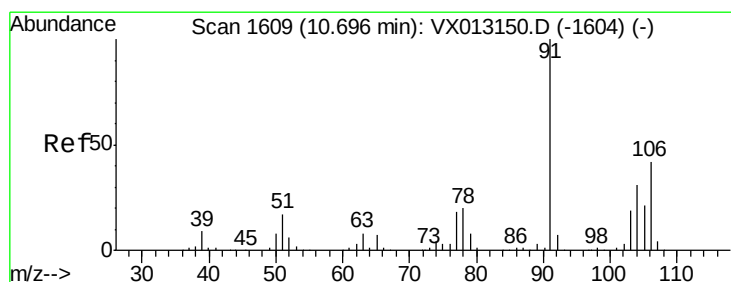
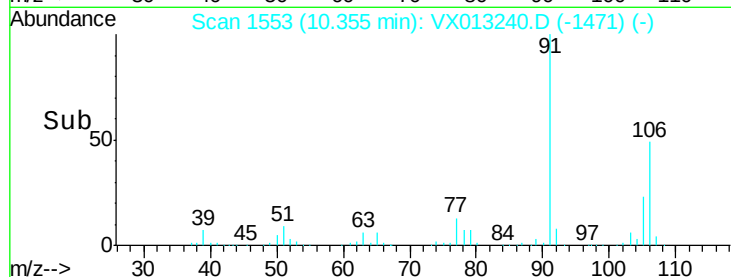
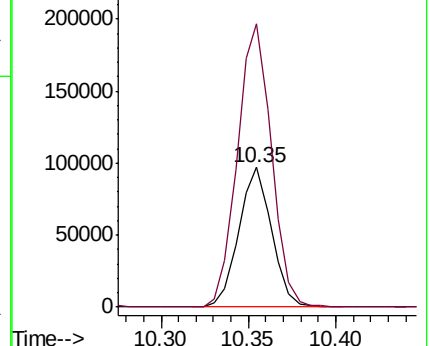
106 100

91 209.8 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.981 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013240.D

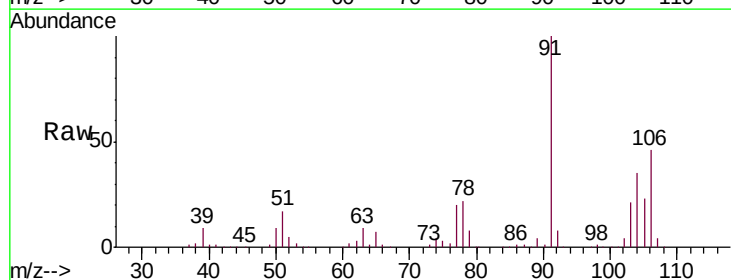
Acq: 28 Oct 2019 11:45

Tgt Ion:106 Resp: 61272

Ion Ratio Lower Upper

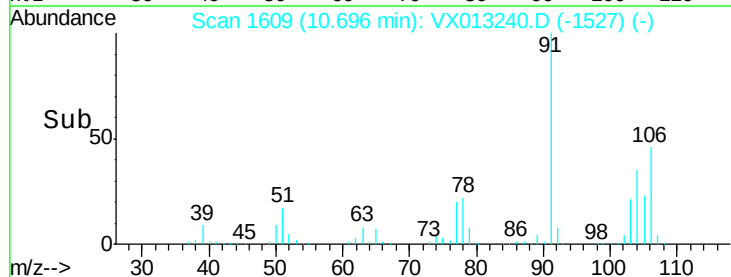
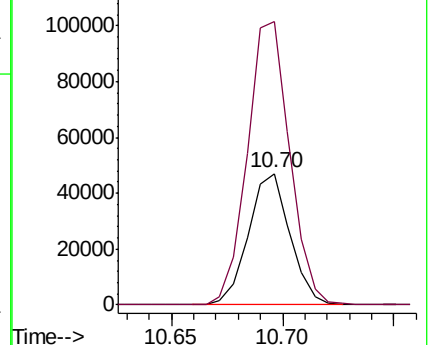
106 100

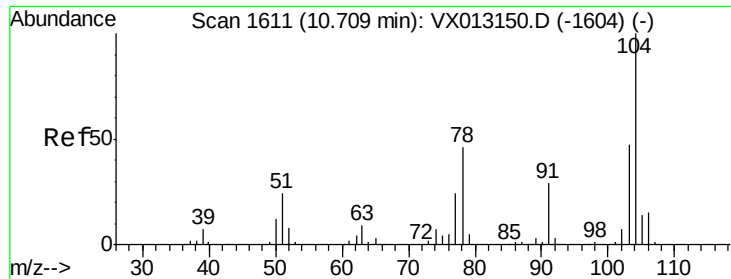
91 220.0 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

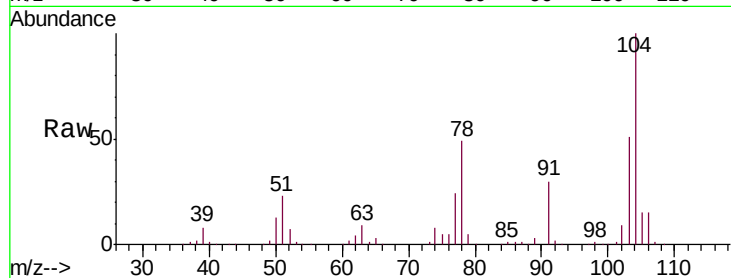




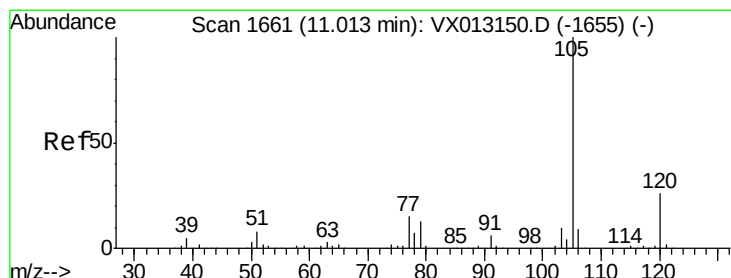
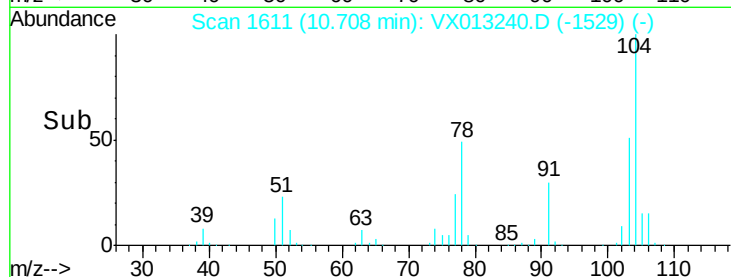
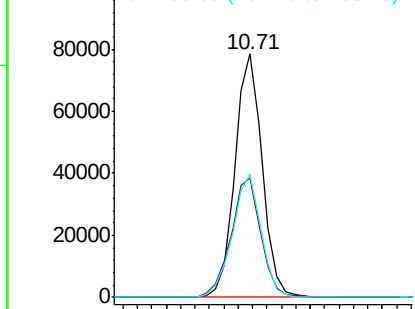
#69
Styrene
Concen: 17.681 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 103687
Ion Ratio Lower Upper
104 100
78 54.3 42.3 63.5
103 53.6 42.2 63.2

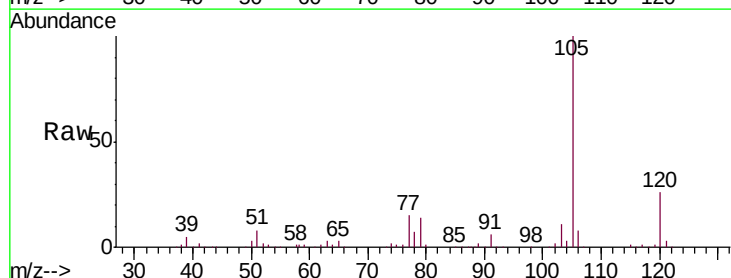


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

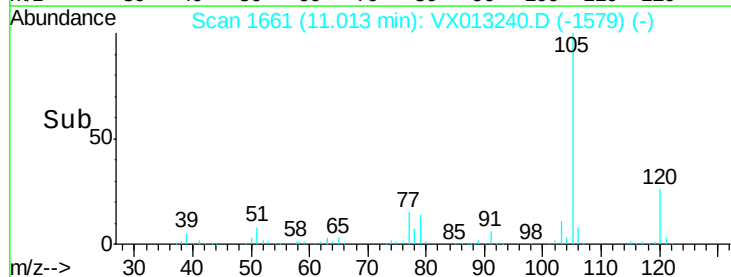
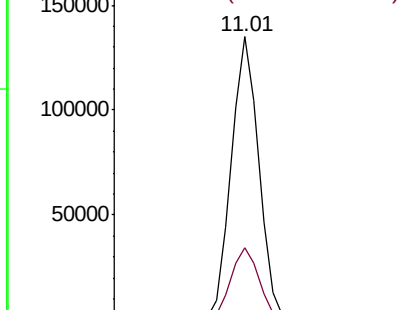


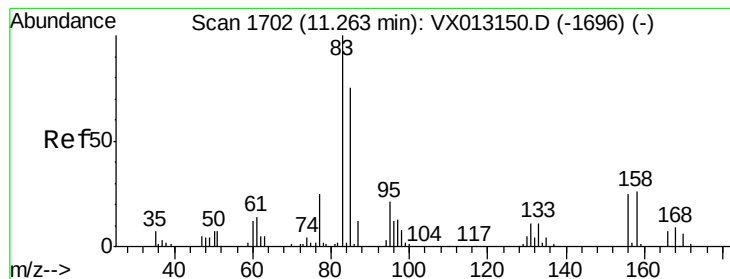
#70
Isopropylbenzene
Concen: 17.987 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion:105 Resp: 168194
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 17.132 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

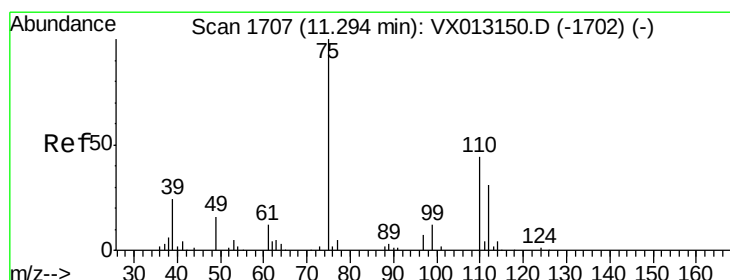
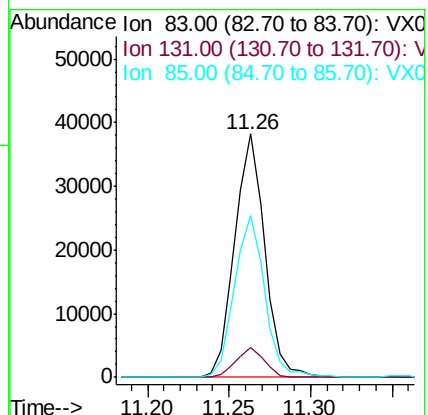
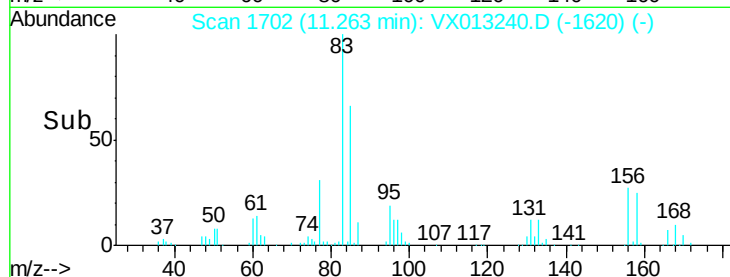
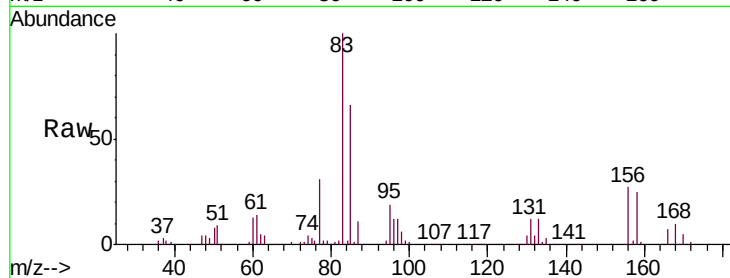
Tgt Ion: 83 Resp: 49089

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.4

85 67.2 32.9 98.6



#72

1,2,3-Trichloropropane

Concen: 24.064 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013240.D

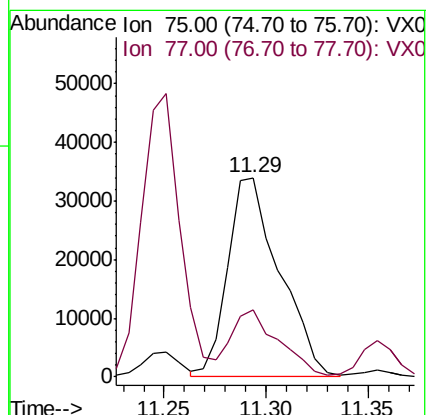
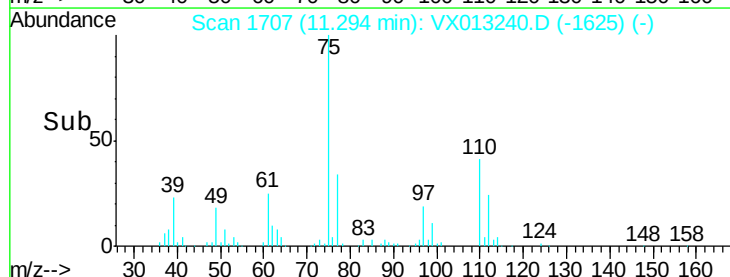
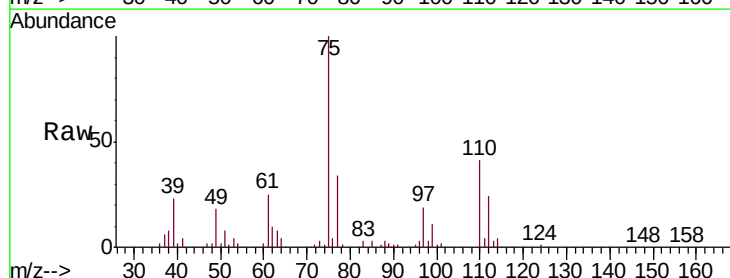
Acq: 28 Oct 2019 11:45

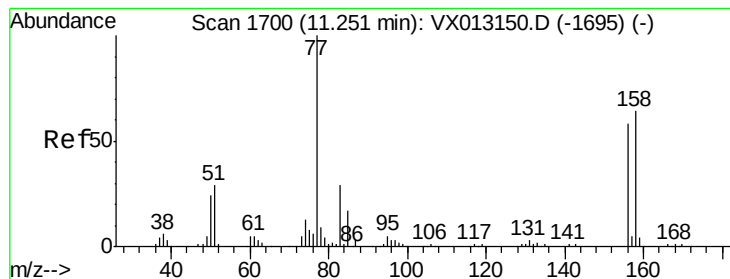
Tgt Ion: 75 Resp: 59886

Ion Ratio Lower Upper

75 100

77 30.6 0.0 74.0





#73

Bromobenzene

Concen: 17.577 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

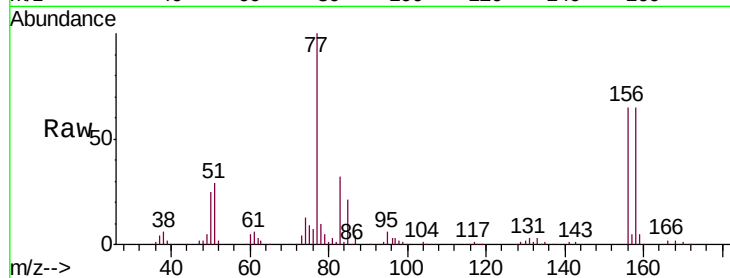
Tgt Ion:156 Resp: 39442

Ion Ratio Lower Upper

156 100

77 161.8 0.0 328.0

158 98.1 0.0 196.2



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

60000

50000

40000

30000

20000

10000

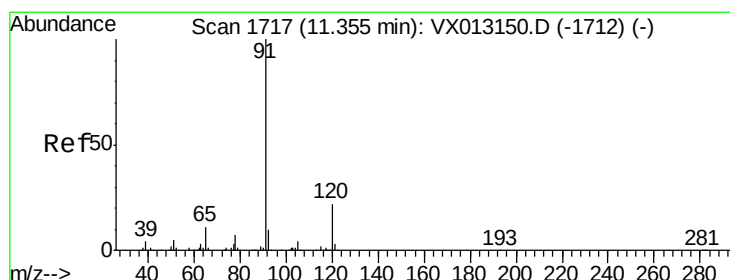
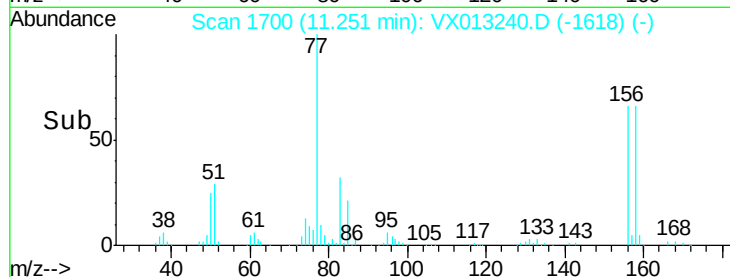
0

11.20

11.25

11.30

Time-->



#74

n-propylbenzene

Concen: 17.460 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013240.D

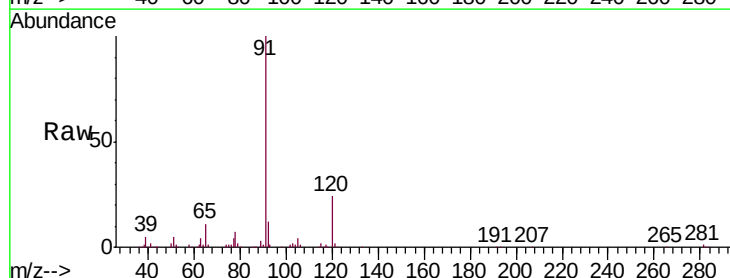
Acq: 28 Oct 2019 11:45

Tgt Ion: 91 Resp: 179197

Ion Ratio Lower Upper

91 100

120 23.9 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

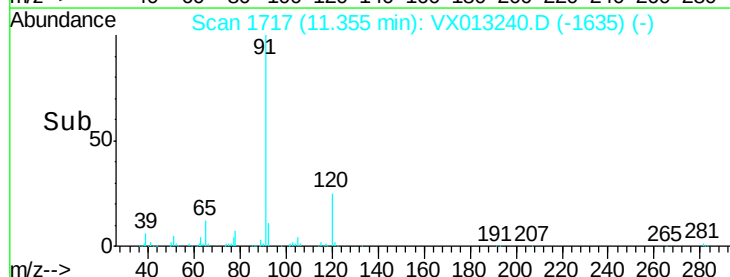
0

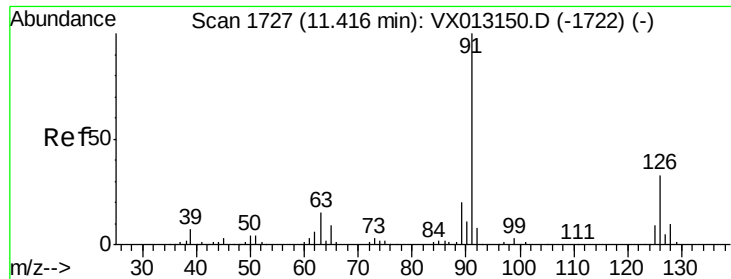
11.30

11.35

11.40

Time-->





#75

2-Chlorotoluene

Concen: 17.023 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

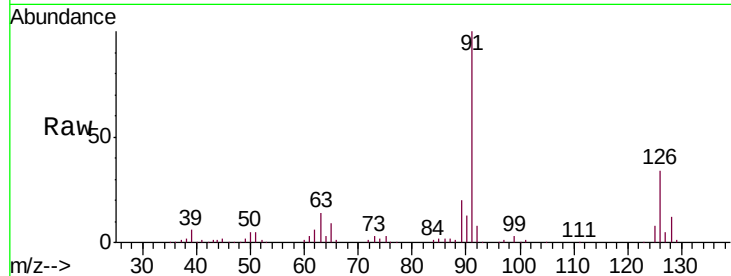
VSTDCCC020

Tgt Ion: 91 Resp: 109323

Ion Ratio Lower Upper

91 100

126 31.8 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX013150.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013150.D (-1722) (-)

150000

100000

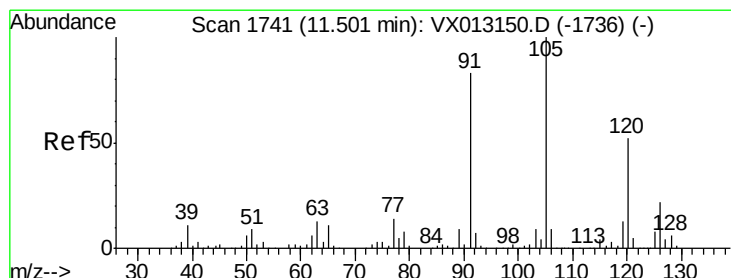
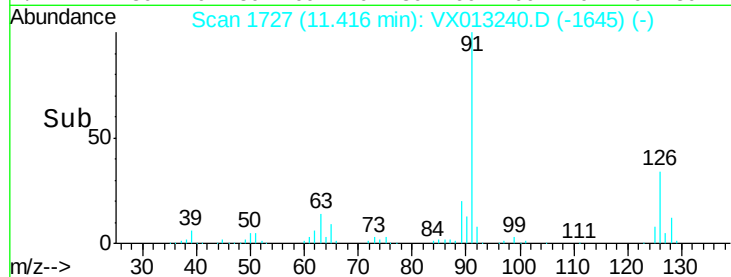
50000

0

11.42

11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.552 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013240.D

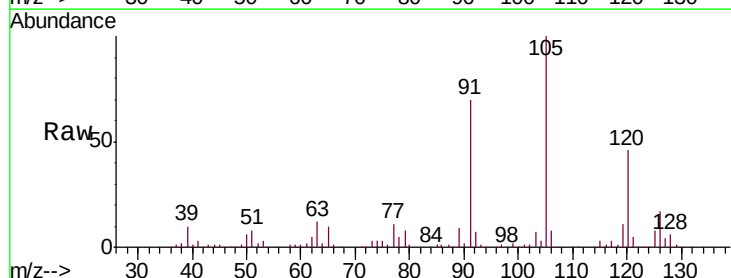
Acq: 28 Oct 2019 11:45

Tgt Ion: 105 Resp: 137776

Ion Ratio Lower Upper

105 100

120 49.8 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX013150.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013150.D (-1736) (-)

100000

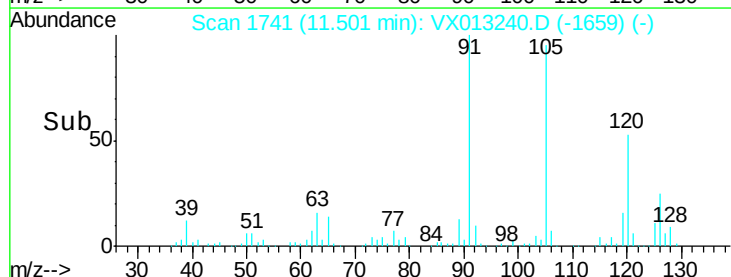
50000

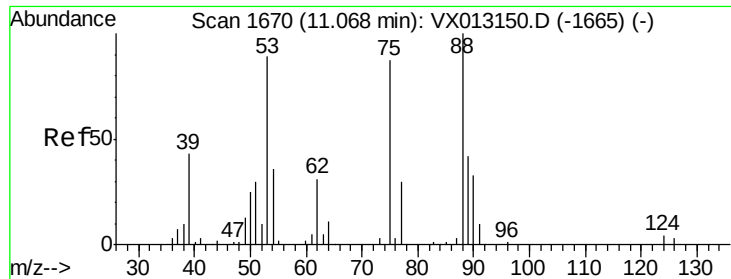
0

11.50

11.45 11.55

Time-->

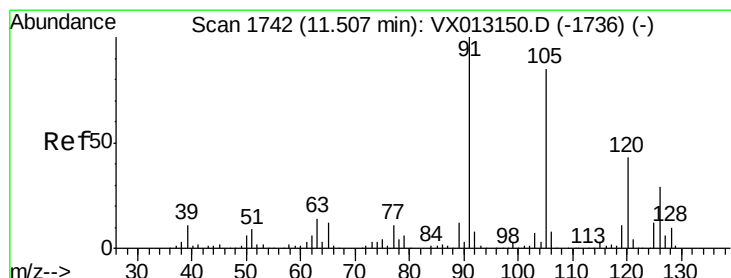
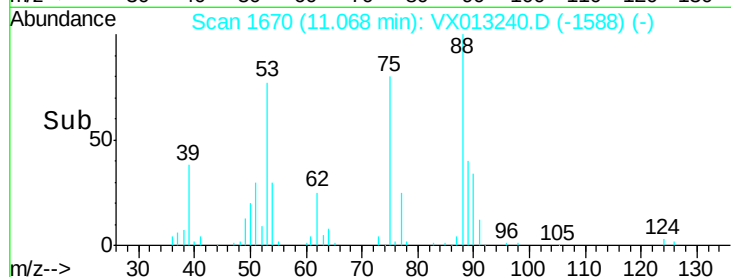
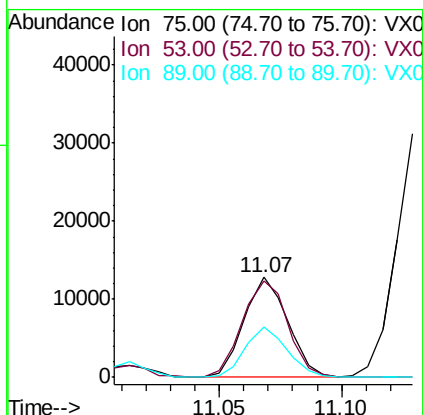
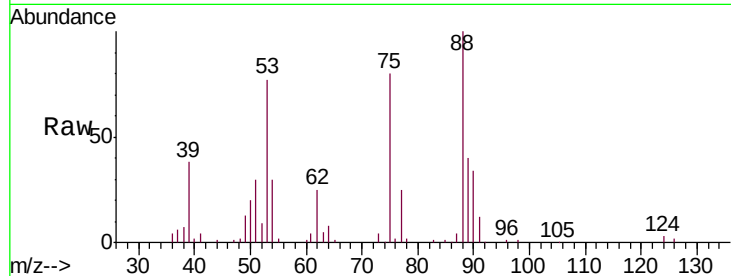




#77
t-1,4-Dichloro-2-butene
Concen: 16.561 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

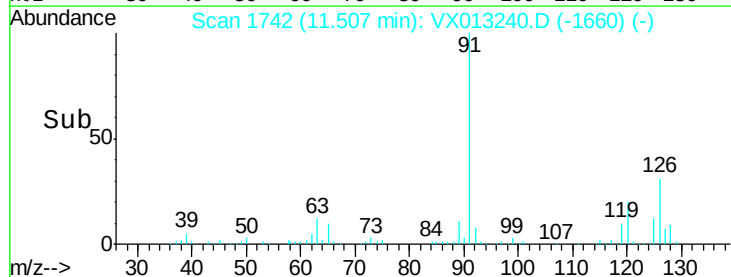
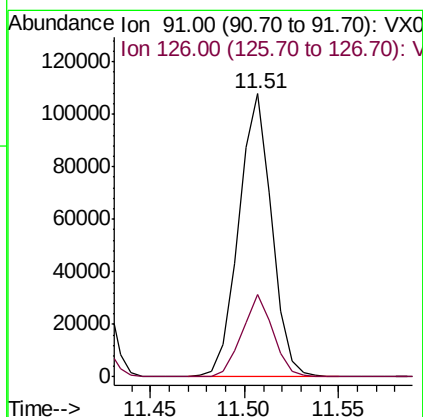
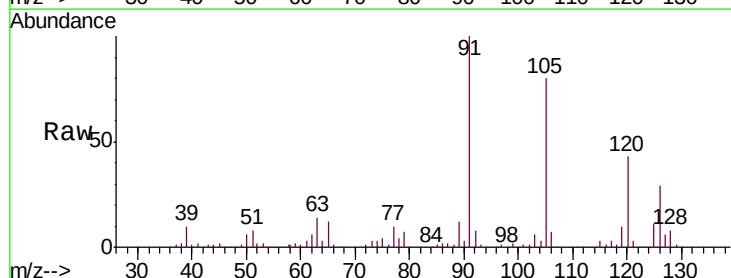
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

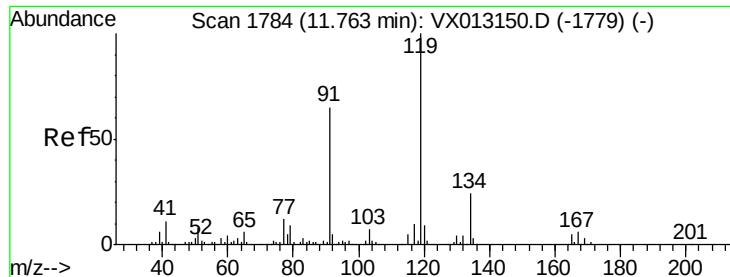
Tgt Ion: 75 Resp: 16002
Ion Ratio Lower Upper
75 100
53 96.2 51.1 153.4
89 50.6 24.1 72.4



#78
4-Chlorotoluene
Concen: 17.692 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 91 Resp: 129825
Ion Ratio Lower Upper
91 100
126 27.9 0.0 58.4

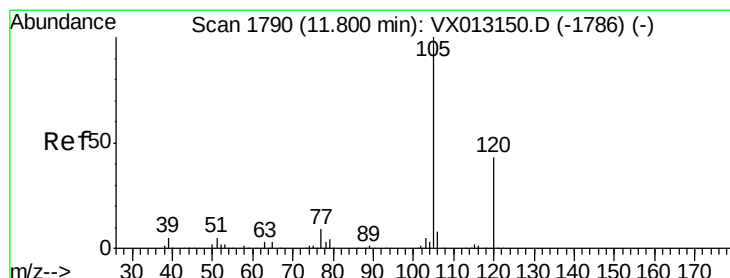
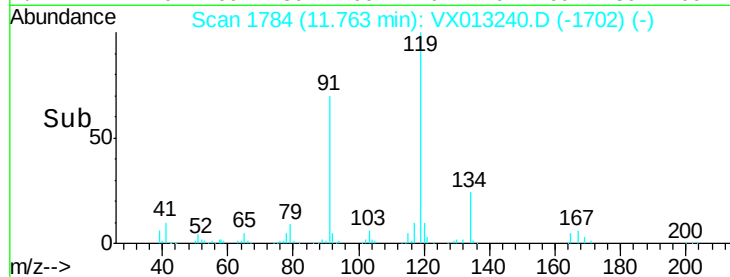
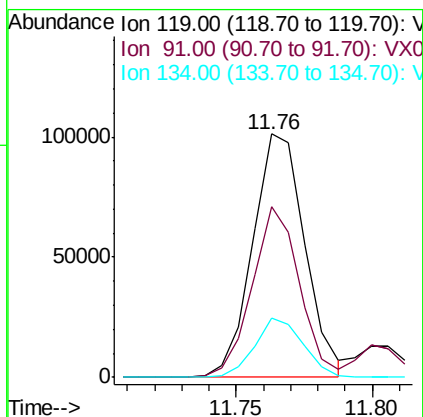
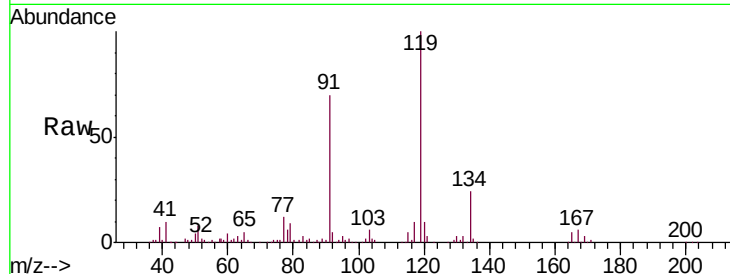




#79
tert-butylbenzene
Concen: 17.827 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

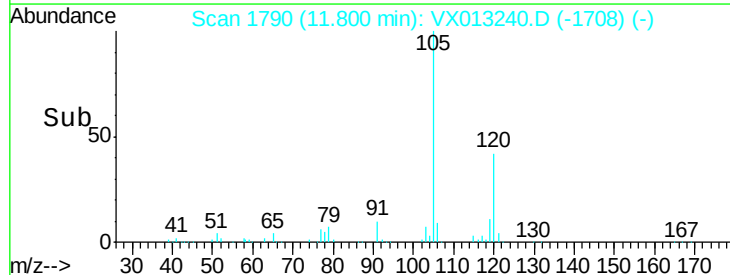
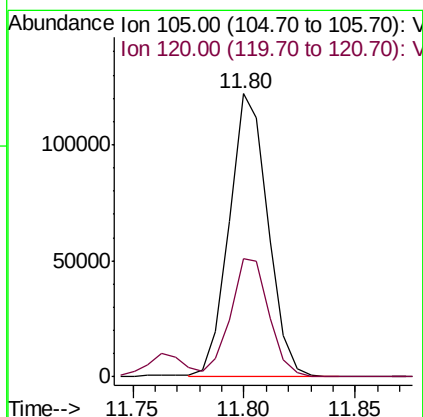
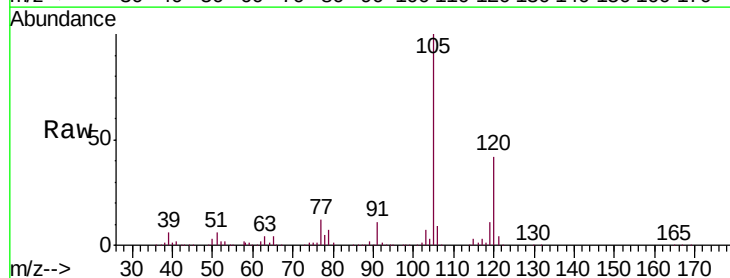
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

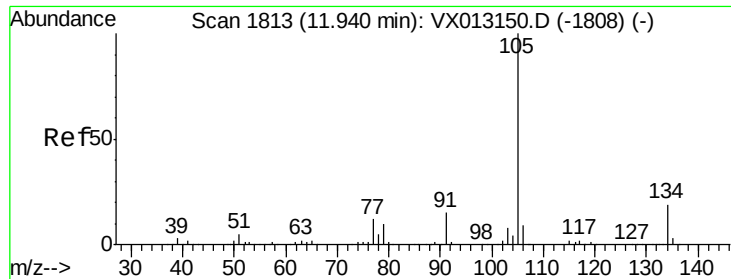
Tgt Ion:119 Resp: 134735
Ion Ratio Lower Upper
119 100
91 63.7 0.0 128.4
134 22.5 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 18.780 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion:105 Resp: 147260
Ion Ratio Lower Upper
105 100
120 41.7 0.0 87.4

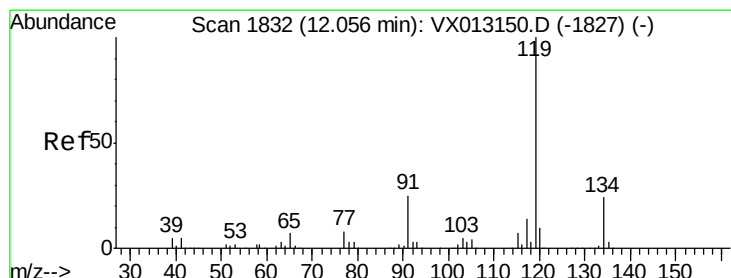
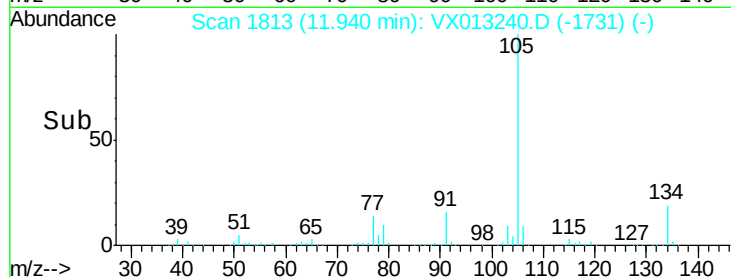
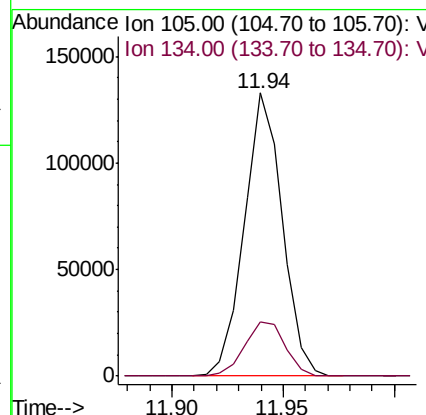
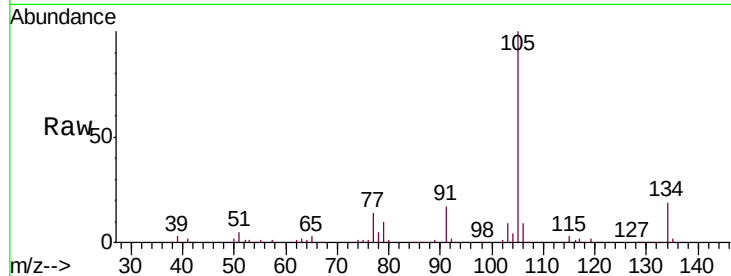




#81
 sec-Butylbenzene
 Concen: 17.604 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

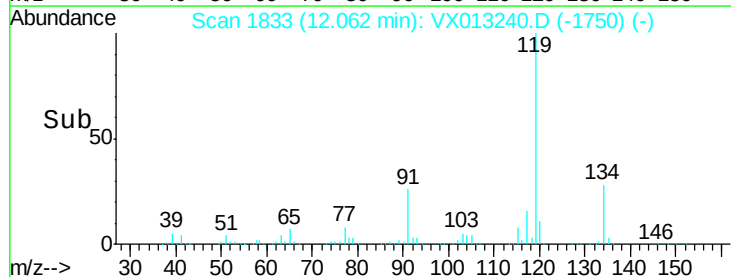
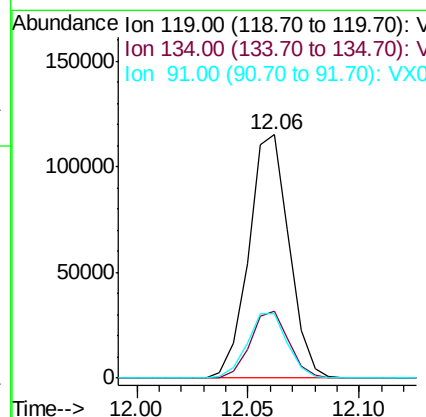
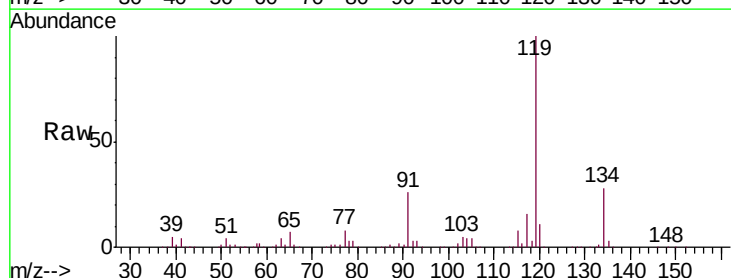
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

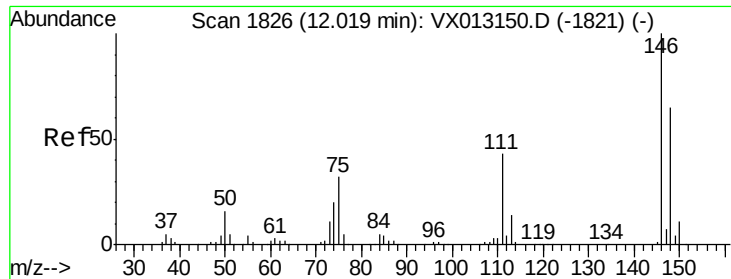
Tgt Ion:105 Resp: 158505
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 17.649 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:119 Resp: 145300
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.6
 91 26.6 0.0 50.0

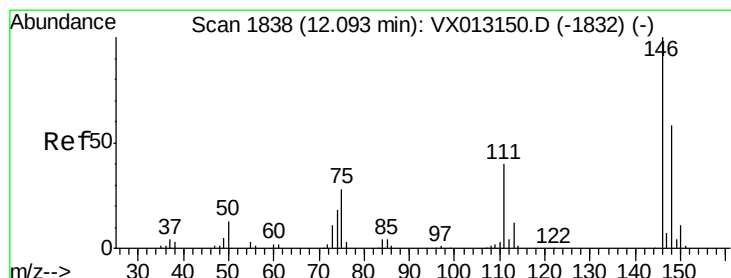
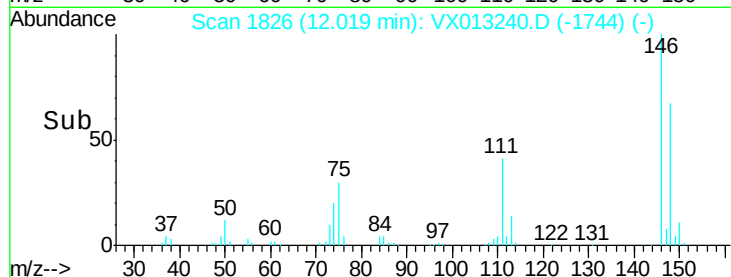
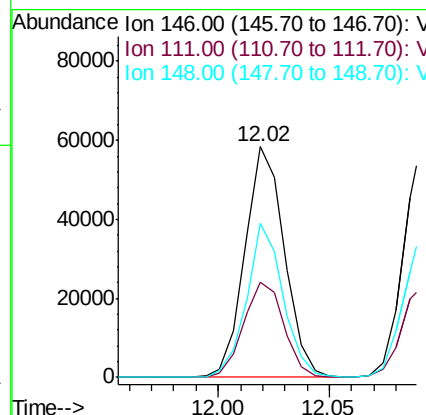
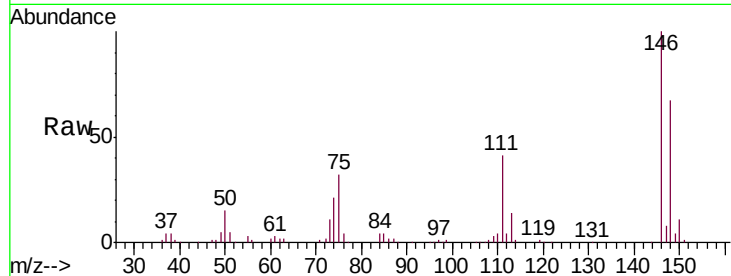




#83
 1,3-Dichlorobenzene
 Concen: 17.615 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

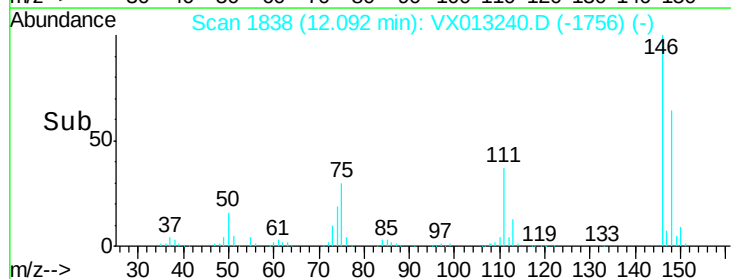
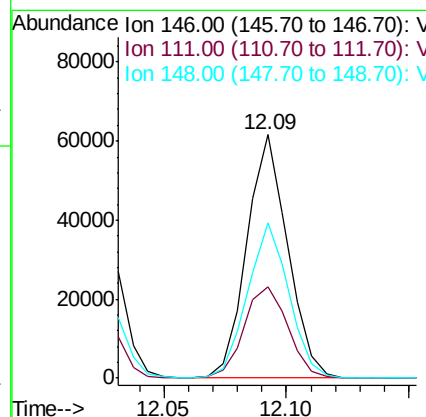
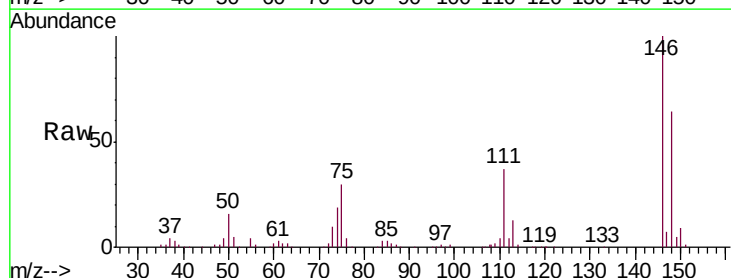
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

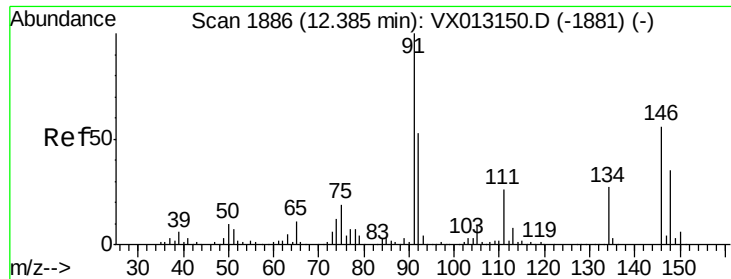
Tgt Ion:146 Resp: 72188
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.4
 148 61.9 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 17.517 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:146 Resp: 70994
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.9
 148 65.7 31.4 94.2

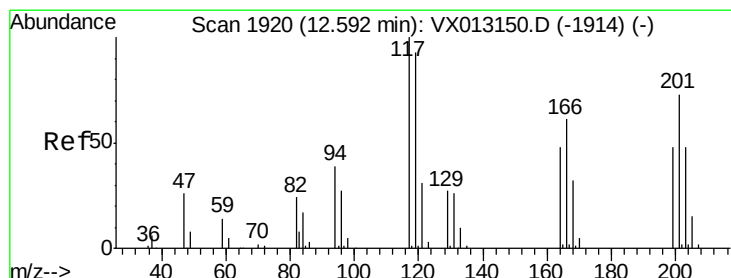
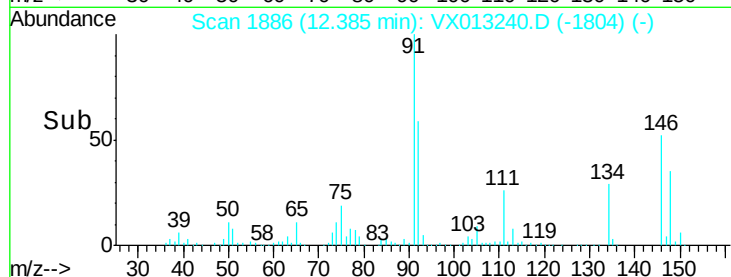
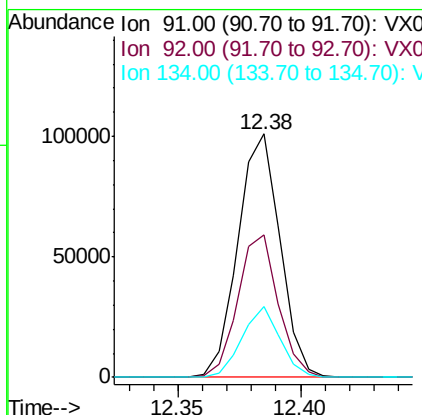
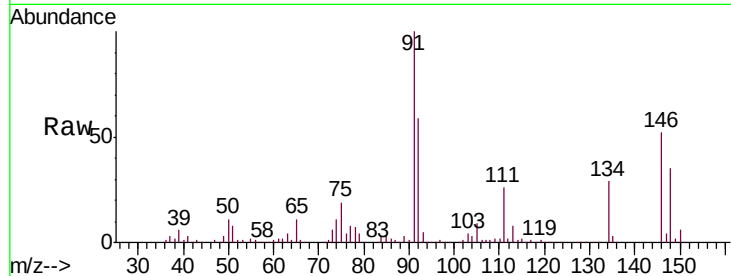




#85
n-Butylbenzene
Concen: 17.216 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

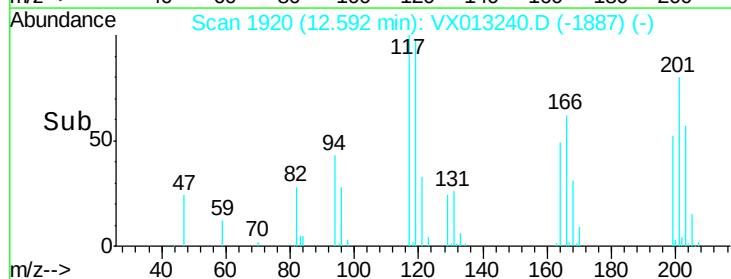
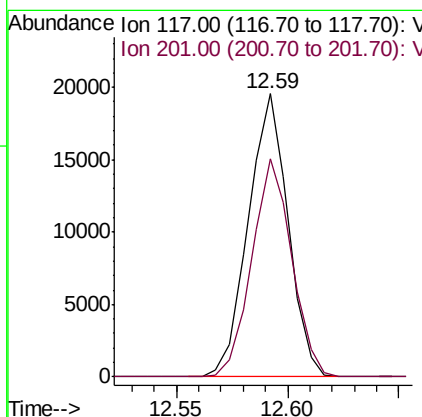
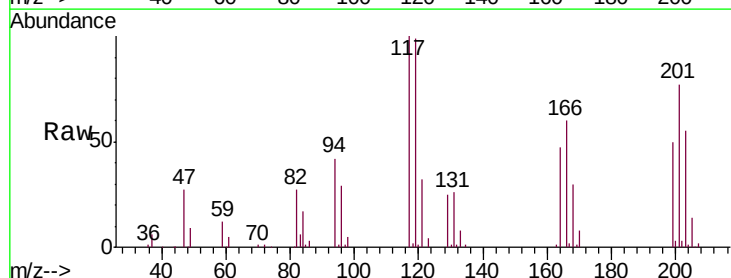
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

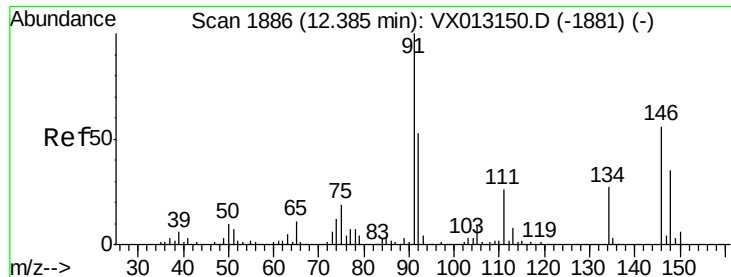
Tgt Ion: 91 Resp: 120394
Ion Ratio Lower Upper
91 100
92 56.6 0.0 106.8
134 26.8 0.0 52.4



#86
Hexachloroethane
Concen: 16.929 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 117 Resp: 24326
Ion Ratio Lower Upper
117 100
201 77.3 35.9 107.5

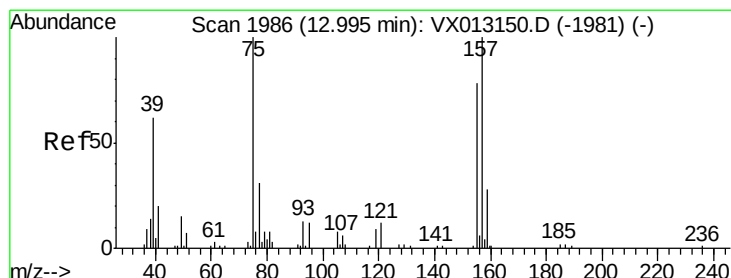
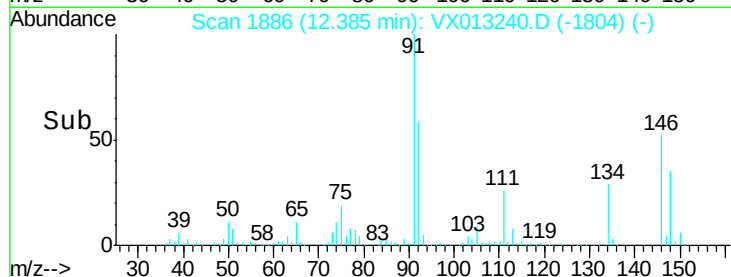
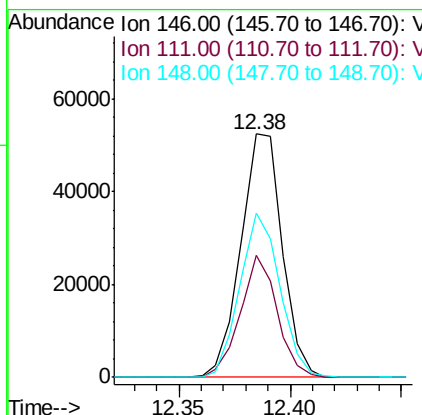
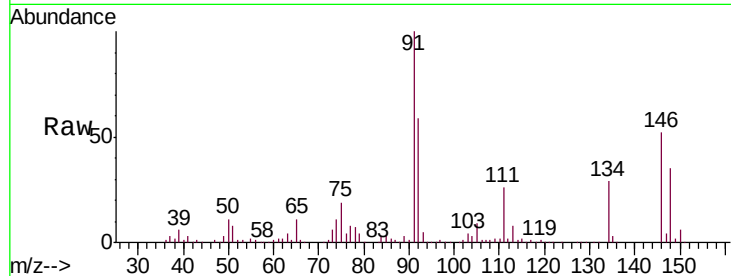




#87
 1,2-Dichlorobenzene
 Concen: 17.172 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

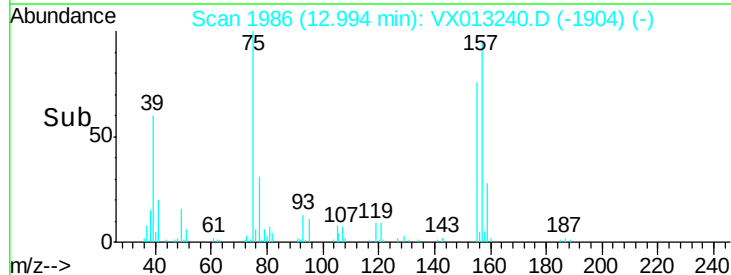
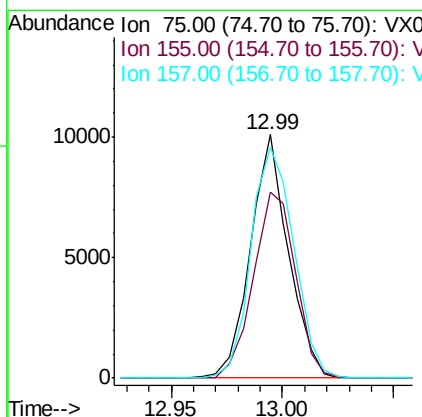
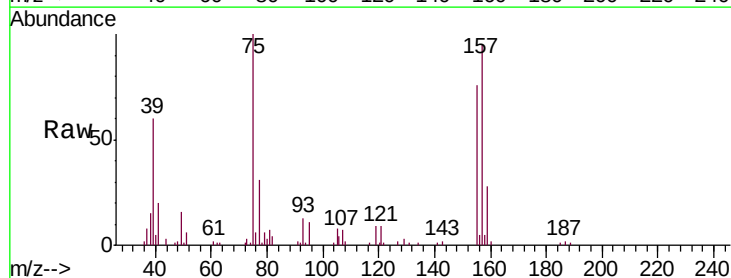
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

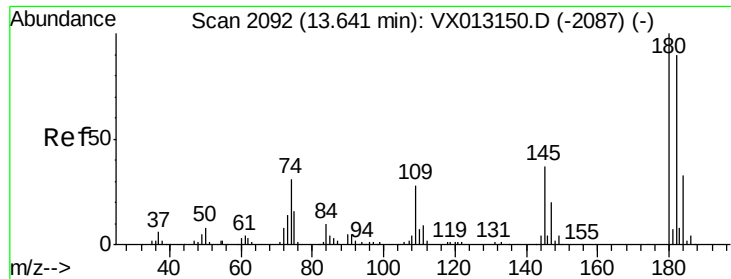
Tgt Ion:146 Resp: 68264
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.5 67.5
 148 65.3 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.002 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion: 75 Resp: 12004
 Ion Ratio Lower Upper
 75 100
 155 84.8 65.4 98.0
 157 106.8 84.1 126.1

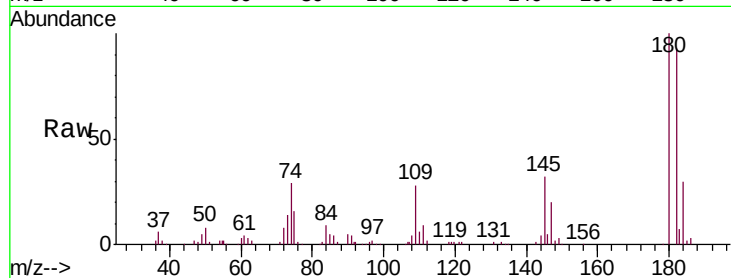




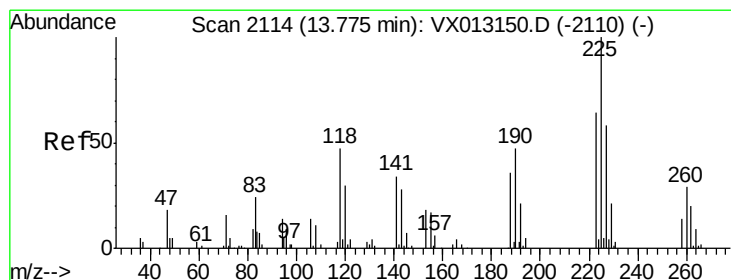
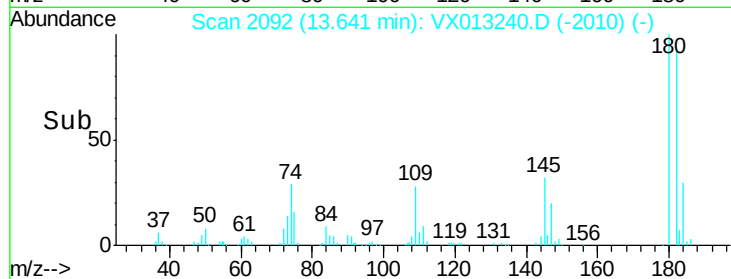
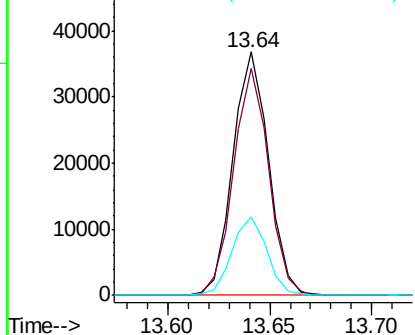
#89
 1,2,4-Trichlorobenzene
 Concen: 17.962 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 44410
 Ion Ratio Lower Upper
 180 100
 182 91.7 76.1 114.1
 145 31.9 27.4 41.2

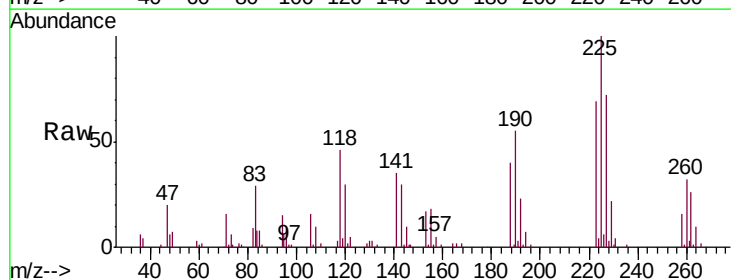


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

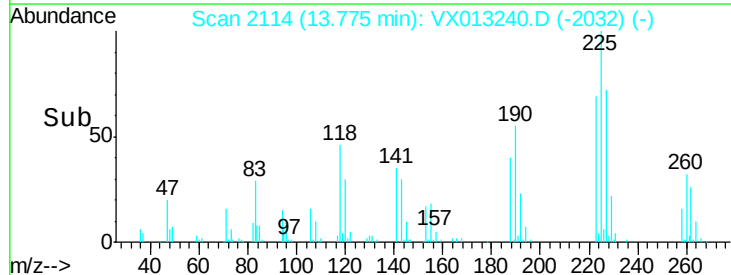
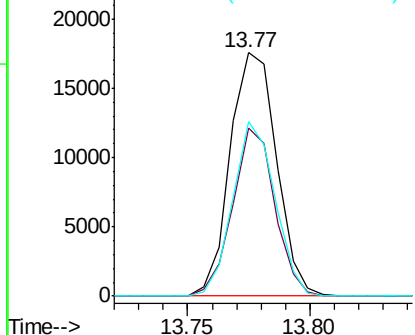


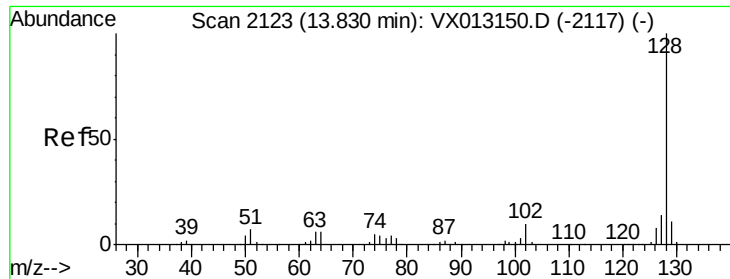
#90
 Hexachlorobutadiene
 Concen: 18.468 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:225 Resp: 23183
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 131.2
 227 65.2 0.0 127.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

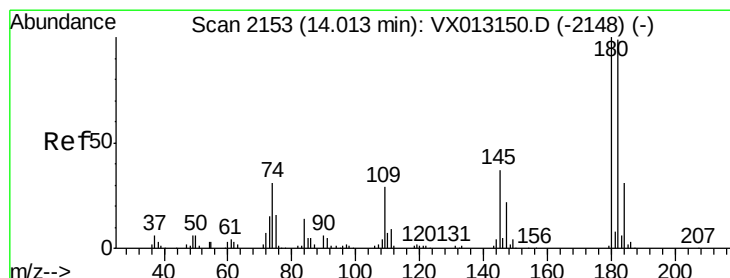
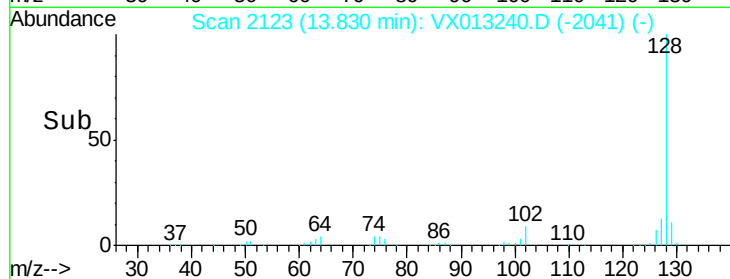
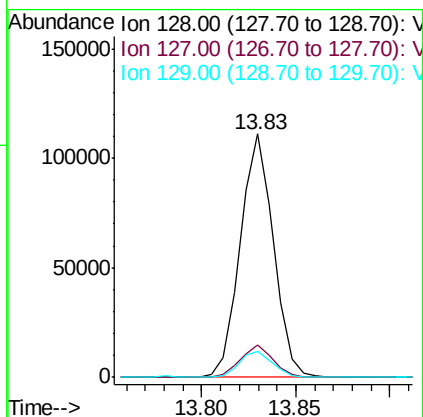
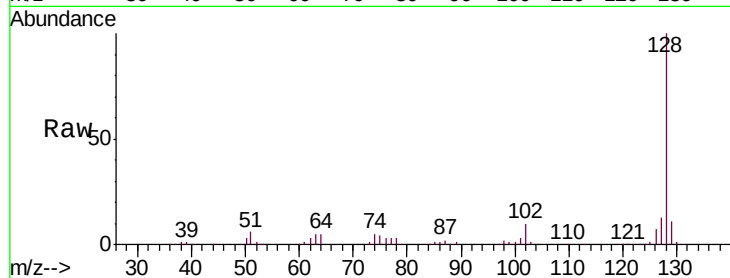




#91
Naphthalene
Concen: 16.821 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 135277
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 17.506 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion:180 Resp: 44343
Ion Ratio Lower Upper
180 100
182 96.6 0.0 194.4
145 36.7 0.0 71.2

