

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013156.D
 Acq On : 21 Oct 2019 16:54
 Operator : JC/SP
 Sample : VX1021WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Quant Time: Oct 22 01:57:30 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	34976	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	199594	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	180423	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	80796	29.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.80%
60) 4-Bromofluorobenzene	11.14	95	92994	29.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.67%
63) Toluene-d8	8.71	98	243549	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	48285	19.228	ug/l 100
3) Chloromethane	1.32	50	43503	19.871	ug/l 96
4) Vinyl Chloride	1.40	62	43908	19.399	ug/l 96
5) Bromomethane	1.63	94	25033	20.495	ug/l 99
6) Chloroethane	1.72	64	27474	19.021	ug/l 94
7) Trichlorofluoromethane	1.92	101	69315	19.056	ug/l 97
8) Diethyl Ether	2.18	74	24478	19.716	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42648	19.196	ug/l 98
10) 1,1-Dichloroethene	2.36	96	41004	19.110	ug/l 96
11) Methyl Iodide	2.50	142	45020	16.291	ug/l 99
12) Methyl Acetate	2.76	43	54409	19.637	ug/l 97
13) Acrolein	2.28	56	37001	89.710	ug/l 99
14) Acrylonitrile	3.13	53	112881	97.416	ug/l 98
15) Acetone	2.43	58	38938	101.995	ug/l 93
16) Carbon Disulfide	2.56	76	106323	18.556	ug/l 97
17) Allyl chloride	2.72	41	65756	19.266	ug/l 98
18) Methylene Chloride	2.84	84	47228	19.010	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	43795	19.235	ug/l 98
20) Diisopropyl ether	3.84	45	129911	19.680	ug/l 95
21) 1,1-Dichloroethane	3.69	63	77258	19.276	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	50058	19.280	ug/l 99
23) tert-Butyl Alcohol	3.03	59	57581	94.319	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	144194	19.486	ug/l 97
25) Chloroform	5.20	83	80021	18.999	ug/l 99
26) Cyclohexane	5.56	56	67684	19.246	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	58988	19.024	ug/l # 84
30) 2-Butanone	4.65	43	162797	100.093	ug/l 99
31) 2,2-Dichloropropane	4.57	77	70367	19.629	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	70328	18.744	ug/l 100
33) Carbon Tetrachloride	5.78	117	61776	19.156	ug/l 98
34) Benzene	6.13	78	176139	19.732	ug/l 98
35) Methacrylonitrile	5.03	41	32826	19.680	ug/l 95
36) 1,2-Dichloroethane	6.18	62	65456	19.398	ug/l 100
37) Trichloroethene	7.20	130	49160	19.855	ug/l 99
38) Methylcyclohexane	7.45	83	74920	19.812	ug/l 99
39) 1,2-Dichloropropane	7.51	63	44026	20.094	ug/l 98
40) Dibromomethane	7.65	93	30639	19.578	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013156.D
 Acq On : 21 Oct 2019 16:54
 Operator : JC/SP
 Sample : VX1021WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Quant Time: Oct 22 01:57:30 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)
41) Bromodichloromethane	7.89	83	60992	19.328	ug/l	97
42) Vinyl Acetate	3.80	43	563155	99.848	ug/l	100
43) Ethyl Acetate	4.82	43	60482	20.388	ug/l	98
44) Isopropyl Acetate	6.43	43	98648	19.786	ug/l	100
45) 1,4-Dioxane	7.73	88	25378	402.492	ug/l	99
46) Methyl methacrylate	7.76	41	48004	19.567	ug/l	90
47) n-amyl Acetate	10.89	43	82491	19.628	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	67092	19.382	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	74017	19.652	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	45956	19.884	ug/l	98
51) Ethyl methacrylate	9.17	69	72056	19.884	ug/l	96
52) 1,3-Dichloropropane	9.37	76	76341	19.615	ug/l	100
53) Dibromochloromethane	9.57	129	47151	18.913	ug/l	99
54) 1,2-Dibromoethane	9.67	107	48353	19.567	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	160323	108.910	ug/l	99
56) Bromoform	10.85	173	33487	18.933	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	300458	98.829	ug/l	100
59) 2-Hexanone	9.48	43	234172	98.283	ug/l	99
61) Tetrachloroethene	9.33	164	48190	20.147	ug/l	98
62) Toluene	8.78	91	191079	19.618	ug/l	100
64) Chlorobenzene	10.14	112	123261	19.738	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	45083	19.271	ug/l	99
66) Ethyl Benzene	10.25	91	217935	19.441	ug/l	98
67) m/p-Xylenes	10.35	106	164494	38.610	ug/l	98
68) o-Xylene	10.70	106	79316	19.502	ug/l	94
69) Styrene	10.71	104	137671	19.670	ug/l	99
70) Isopropylbenzene	11.01	105	216012	19.356	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	66672	19.496	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	76381	25.716	ug/l	94
73) Bromobenzene	11.25	156	51816	19.347	ug/l	97
74) n-propylbenzene	11.35	91	238677	19.485	ug/l	100
75) 2-Chlorotoluene	11.42	91	145642	19.002	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	180543	19.272	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	20538	17.809	ug/l	98
78) 4-Chlorotoluene	11.51	91	162341	18.536	ug/l	100
79) tert-butylbenzene	11.76	119	172983	19.176	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	183878	19.648	ug/l	100
81) sec-Butylbenzene	11.94	105	201518	18.752	ug/l	98
82) p-Isopropyltoluene	12.06	119	187220	19.054	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	90895	18.584	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	91894	18.997	ug/l	98
85) n-Butylbenzene	12.39	91	159312	19.088	ug/l	99
86) Hexachloroethane	12.59	117	32044	18.685	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	91821	19.353	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	16003	18.991	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	55610	18.846	ug/l	97
90) Hexachlorobutadiene	13.78	225	27971	18.670	ug/l	96
91) Naphthalene	13.83	128	175982	18.335	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	58834	19.461	ug/l	94

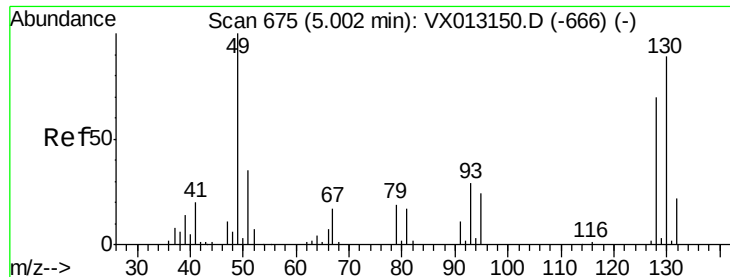
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
Data File : VX013156.D
Acq On : 21 Oct 2019 16:54
Operator : JC/SP
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Quant Time: Oct 22 01:57:30 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

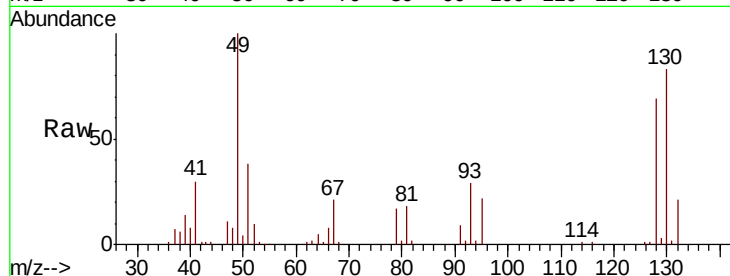
Tot Ion:128 Resp: 34976

Ion Ratio Lower Upper

128 100

49 149.5 0.0 367.3

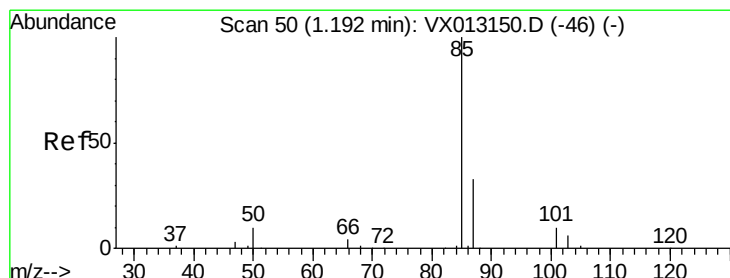
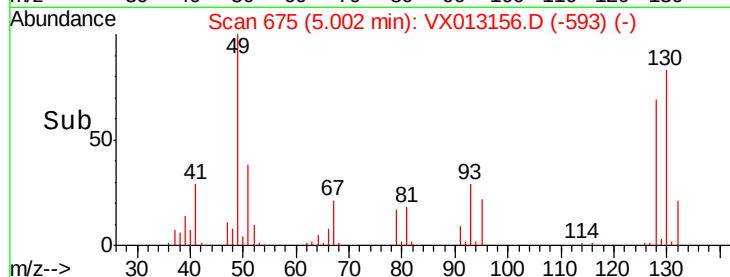
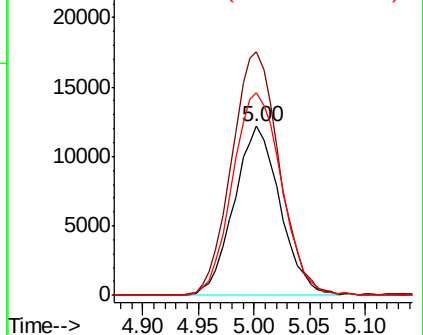
130 127.9 0.0 325.0



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: 19.228 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013156.D

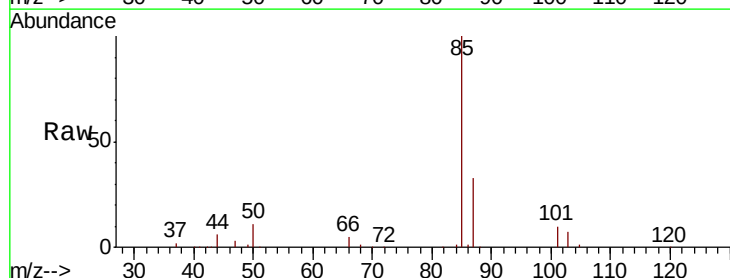
Acq: 21 Oct 2019 16:54

Tgt Ion: 85 Resp: 48285

Ion Ratio Lower Upper

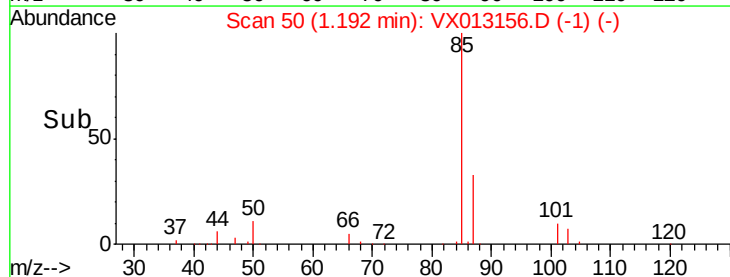
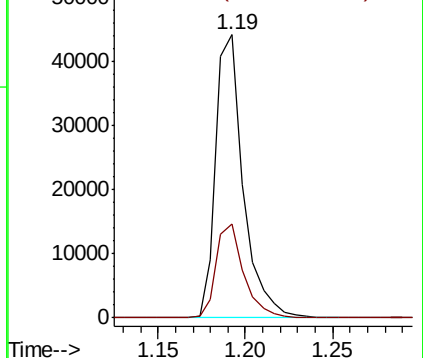
85 100

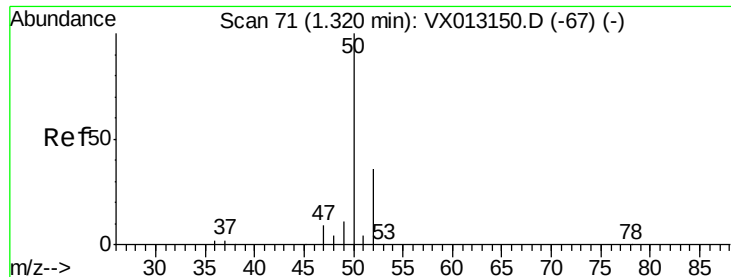
87 33.3 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.871 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

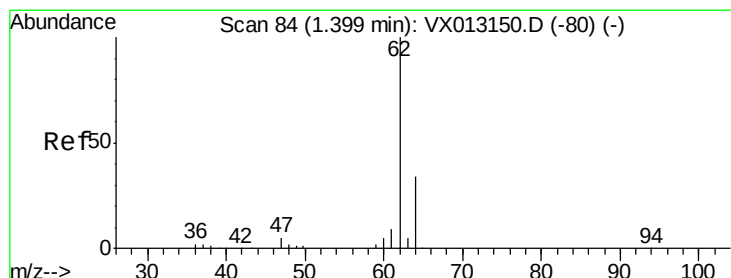
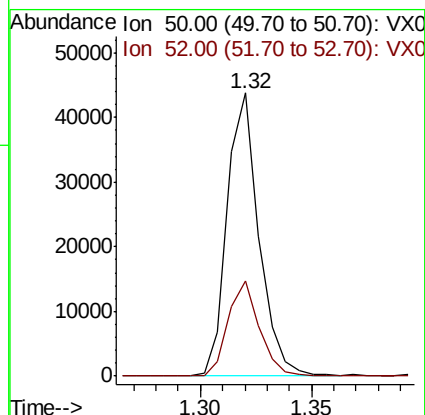
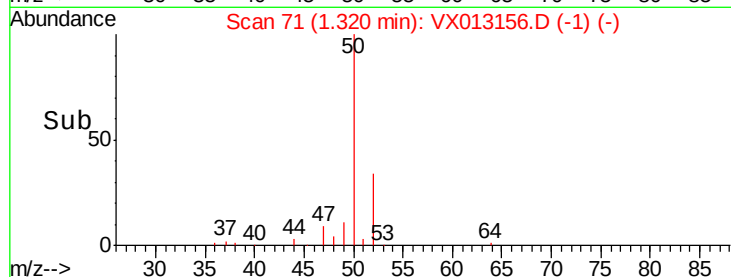
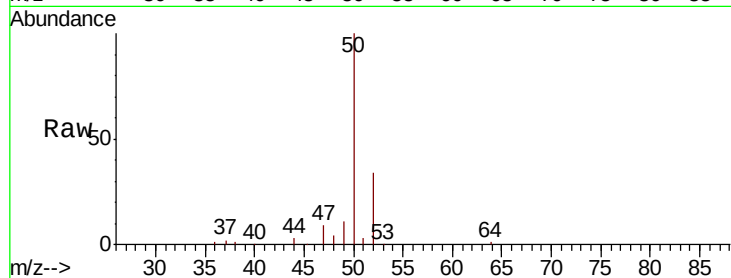
VX1021WBS01

Tot Ion: 50 Resp: 43503

Ion Ratio Lower Upper

50 100

52 33.6 28.6 42.8



#4

Vinyl Chloride

Concen: 19.399 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013156.D

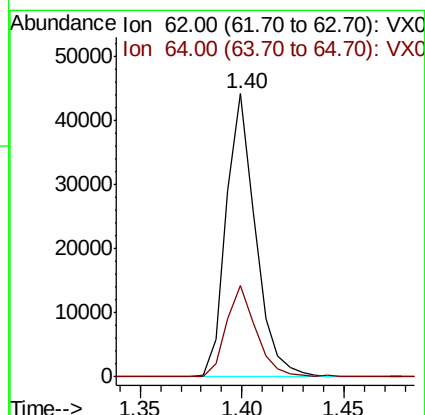
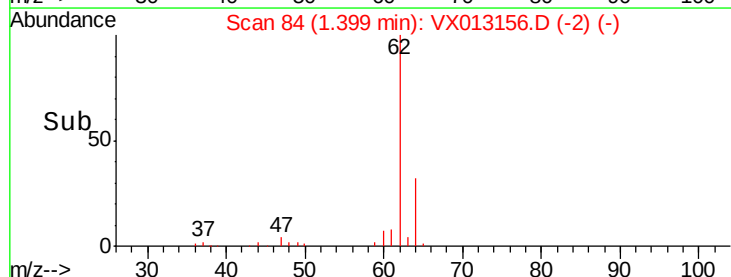
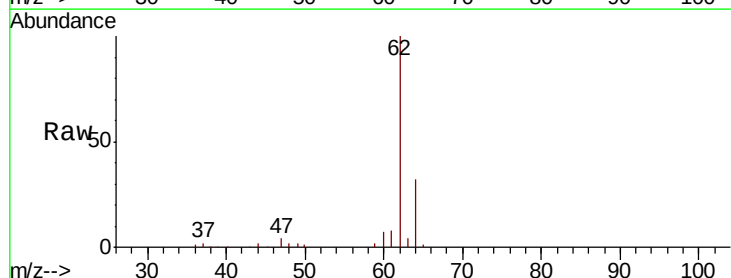
Acq: 21 Oct 2019 16:54

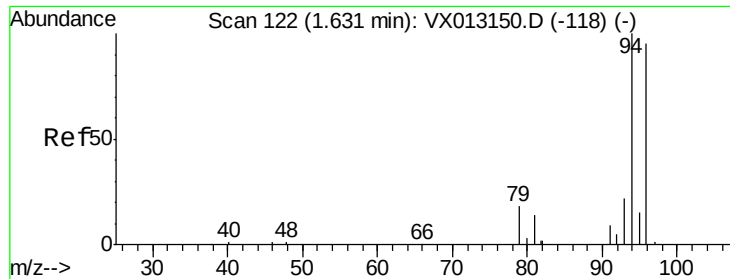
Tgt Ion: 62 Resp: 43908

Ion Ratio Lower Upper

62 100

64 32.1 27.3 40.9





#5

Bromomethane

Concen: 20.495 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

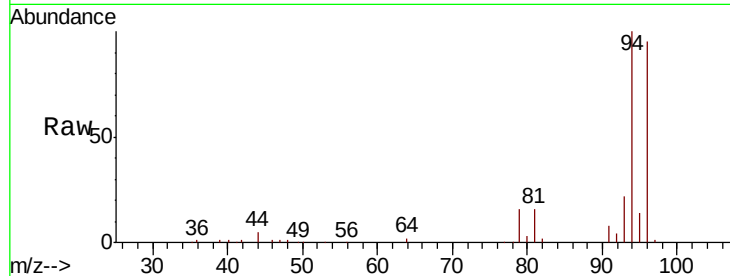
VX1021WBS01

Tot Ion: 94 Resp: 25033

Ion Ratio Lower Upper

94 100

96 95.8 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

25000

20000

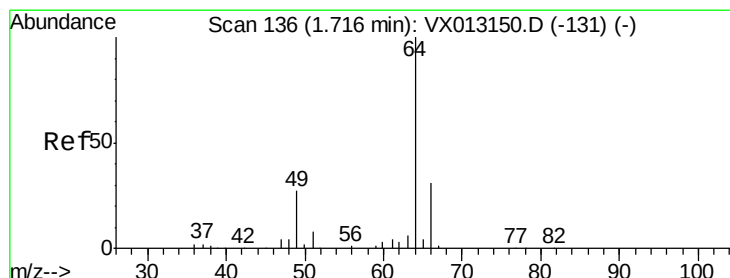
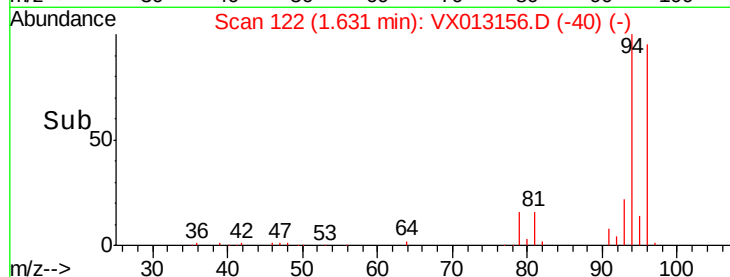
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.021 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013156.D

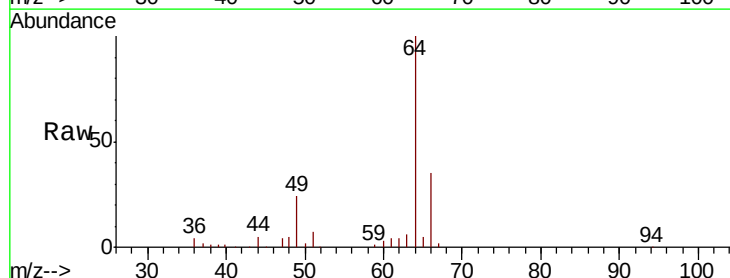
Acq: 21 Oct 2019 16:54

Tgt Ion: 64 Resp: 27474

Ion Ratio Lower Upper

64 100

66 35.3 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

20000

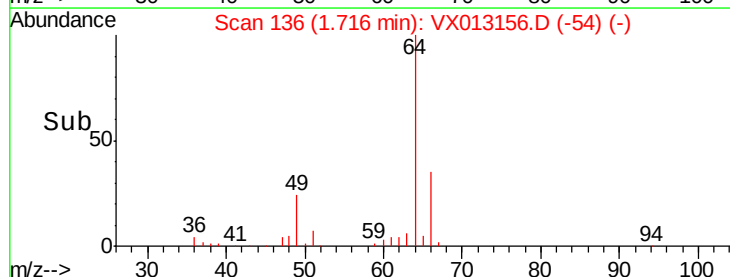
15000

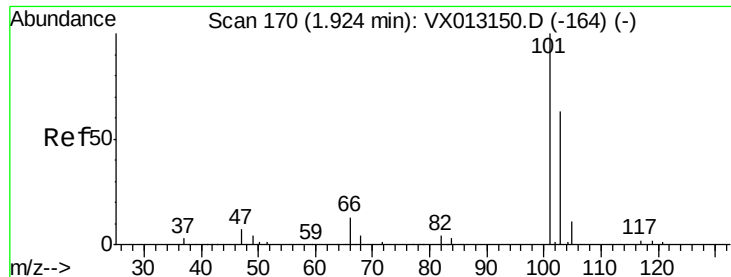
10000

5000

0

Time-->



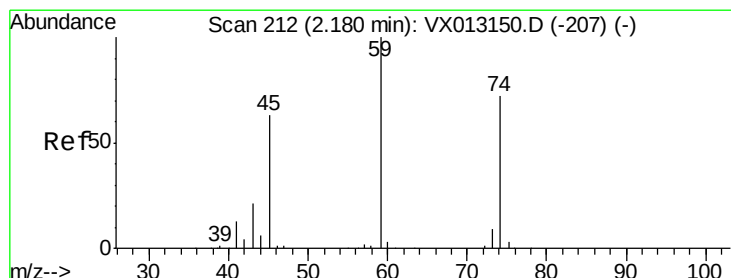
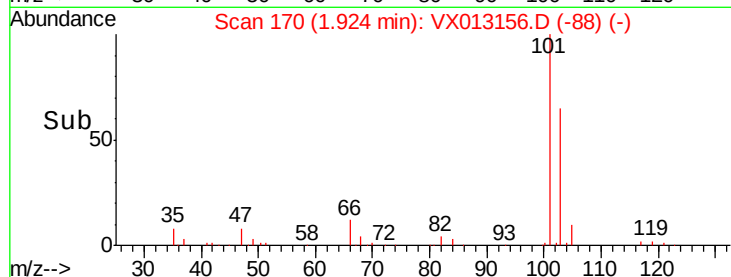
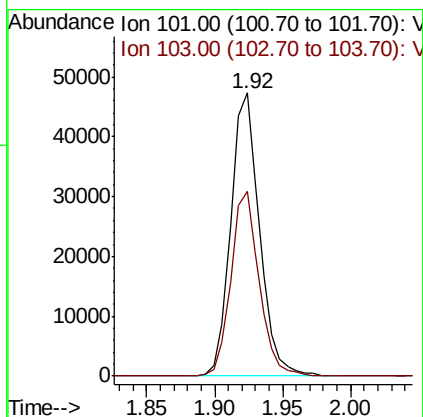
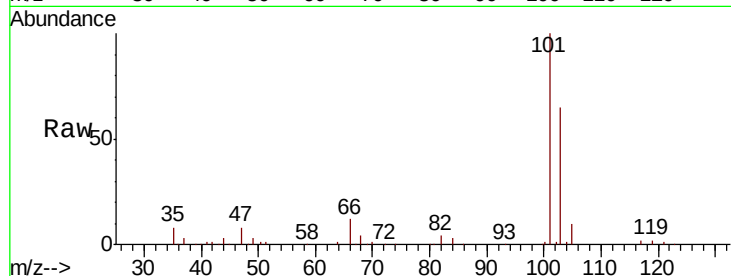


#7

Trichlorofluoromethane
 Concen: 19.056 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

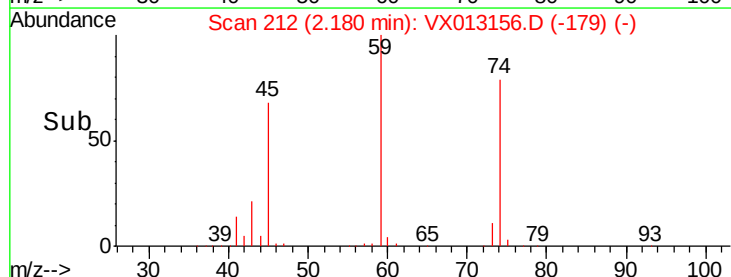
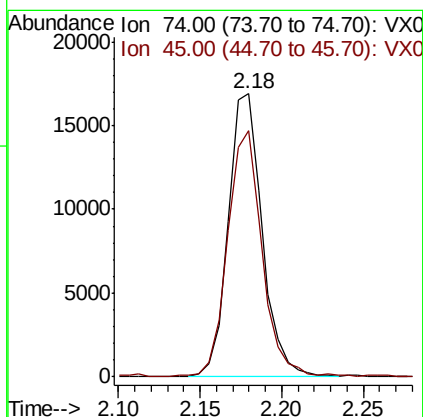
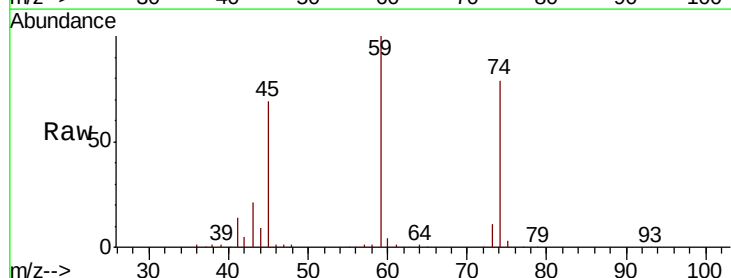
Tot Ion:101 Resp: 69315
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.2 75.4

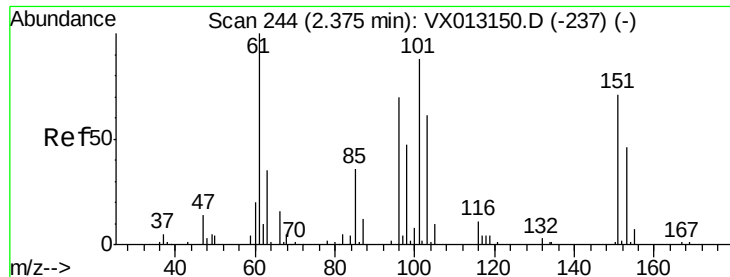


#8

Diethyl Ether
 Concen: 19.716 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion: 74 Resp: 24478
 Ion Ratio Lower Upper
 74 100
 45 87.9 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.196 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

VX1021WBS01

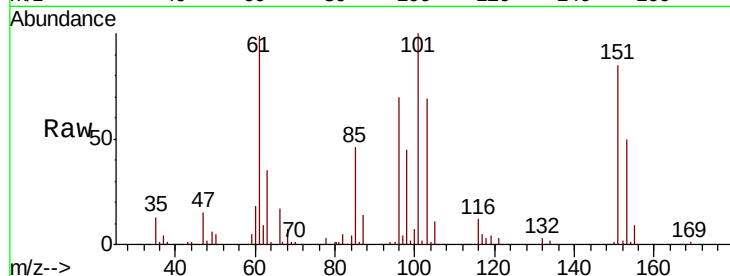
Tot Ion:101 Resp: 42648

Ion Ratio Lower Upper

101 100

85 42.8 0.0 87.2

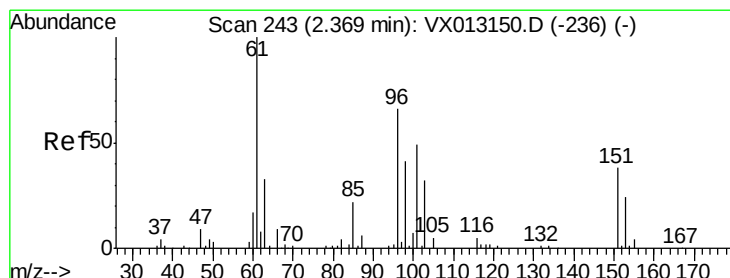
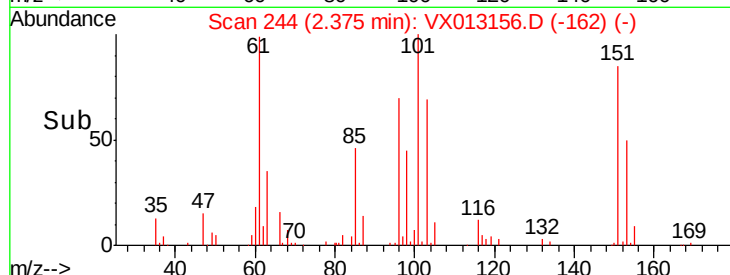
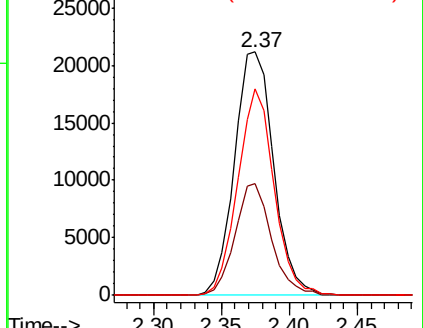
151 78.7 0.0 163.0



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: 19.110 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

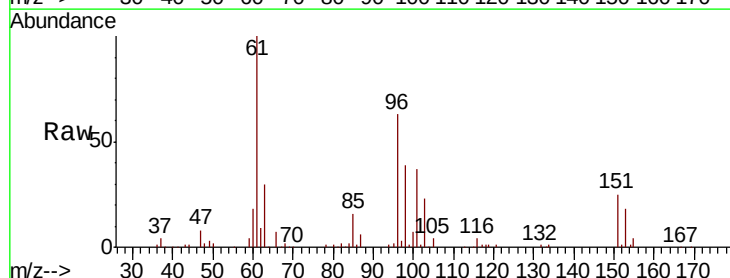
Tgt Ion: 96 Resp: 41004

Ion Ratio Lower Upper

96 100

61 158.4 121.3 181.9

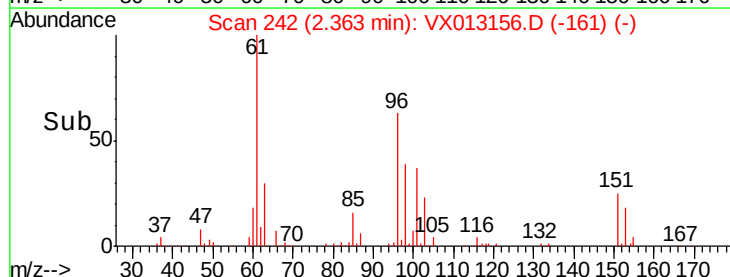
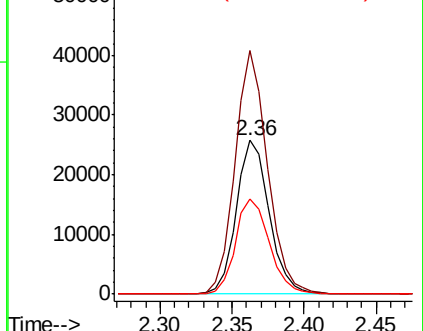
98 61.9 49.5 74.3

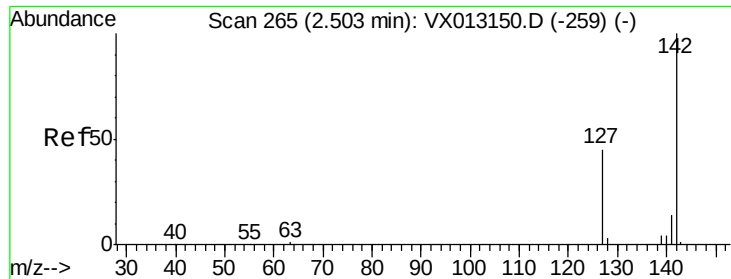


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

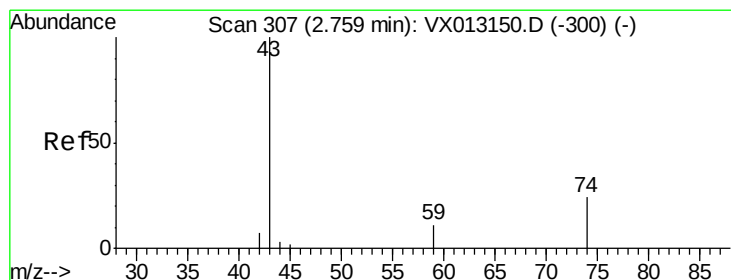
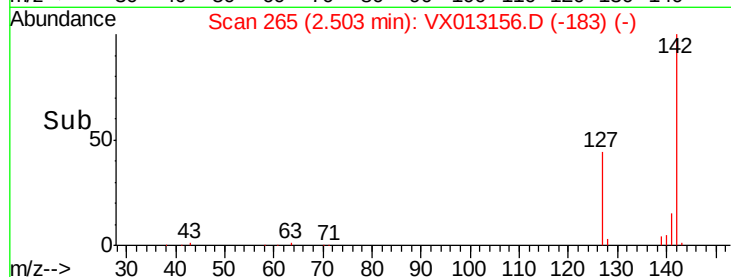
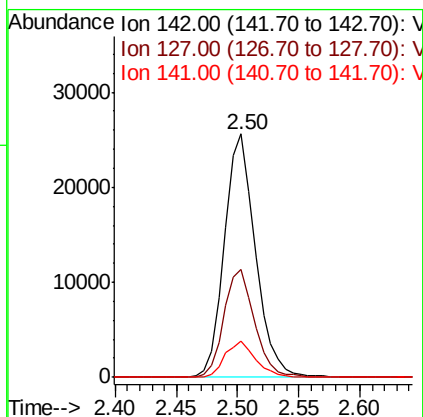
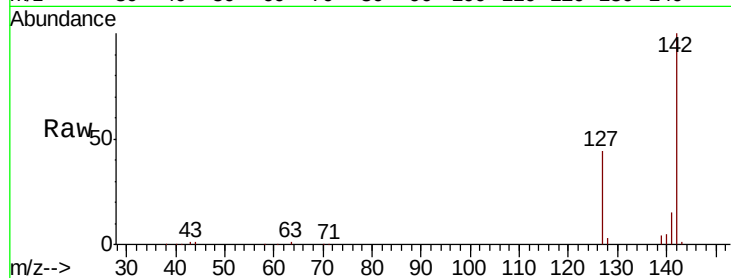




#11
Methvl Iodide
Concen: 16.291 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

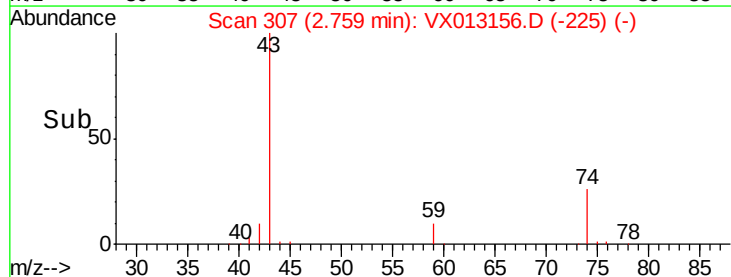
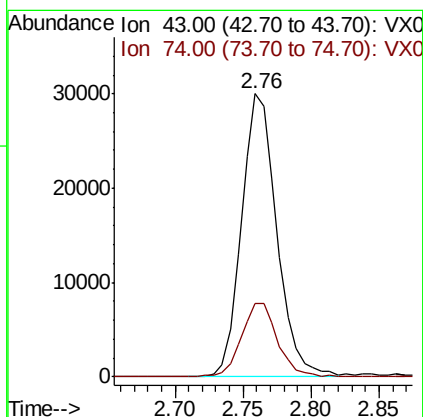
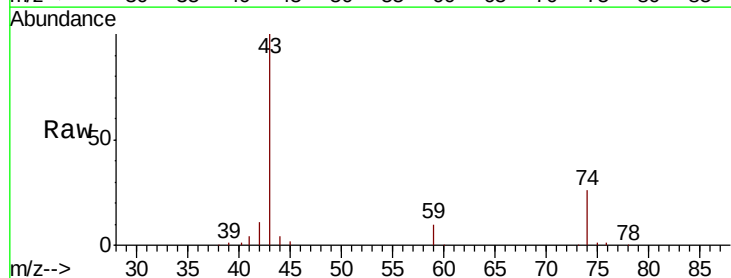
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

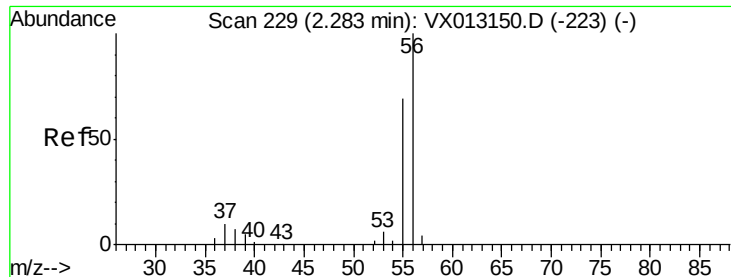
Tot Ion:142 Resp: 45020
Ion Ratio Lower Upper
142 100
127 44.3 22.3 66.9
141 14.7 7.1 21.3



#12
Methyl Acetate
Concen: 19.637 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 43 Resp: 54409
Ion Ratio Lower Upper
43 100
74 26.0 19.7 29.5





#13

Acrolein

Concen: 89.710 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

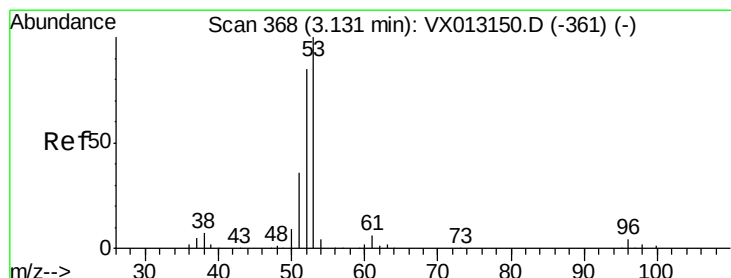
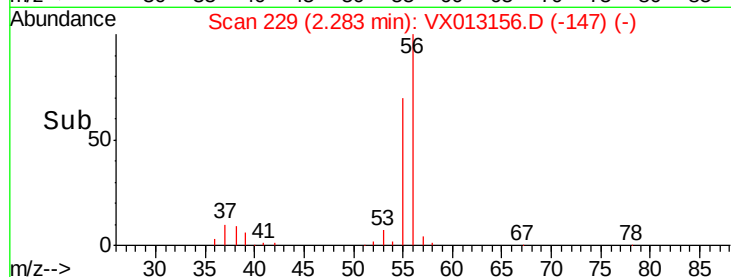
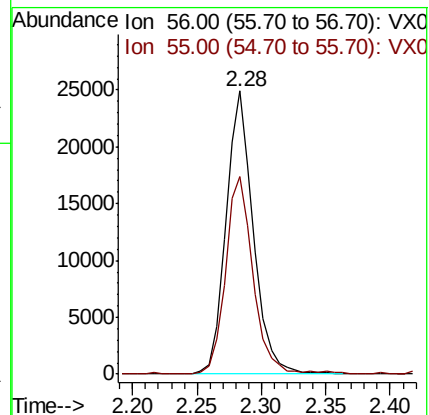
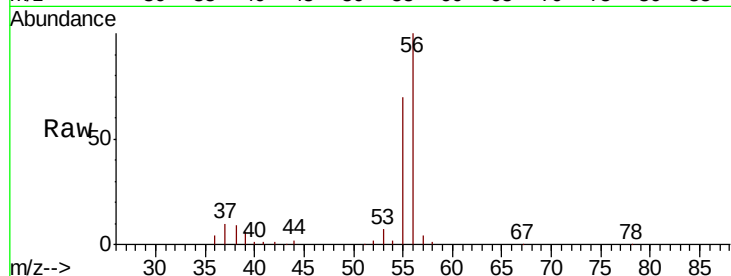
VX1021WBS01

Tot Ion: 56 Resp: 37001

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.8



#14

Acrylonitrile

Concen: 97.416 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

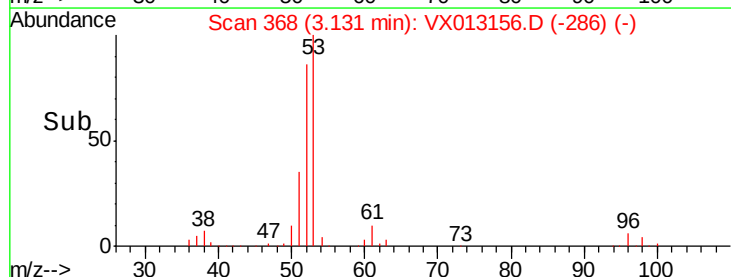
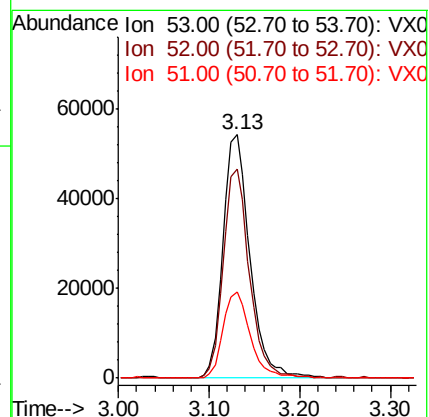
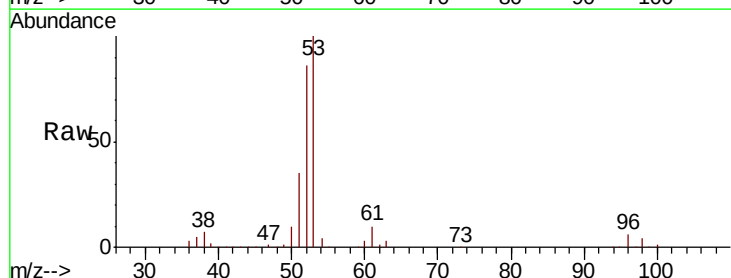
Tgt Ion: 53 Resp: 112881

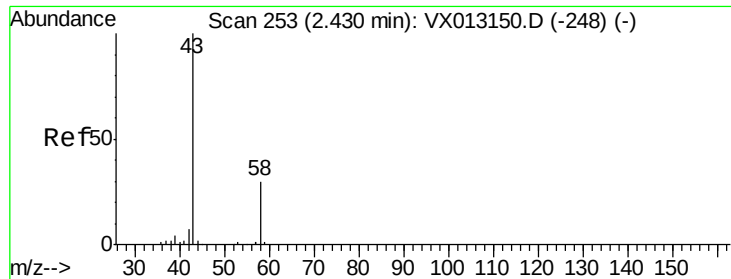
Ion Ratio Lower Upper

53 100

52 83.2 42.0 126.0

51 35.5 18.6 56.0





#15

Acetone

Concen: 101.995 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

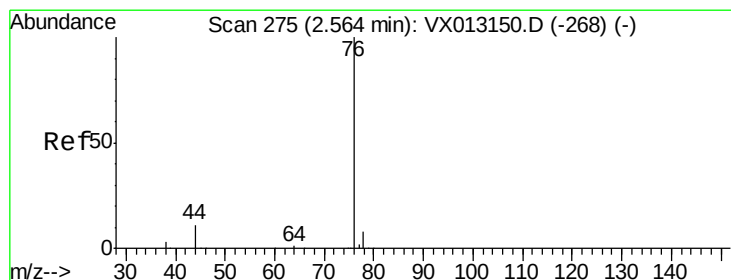
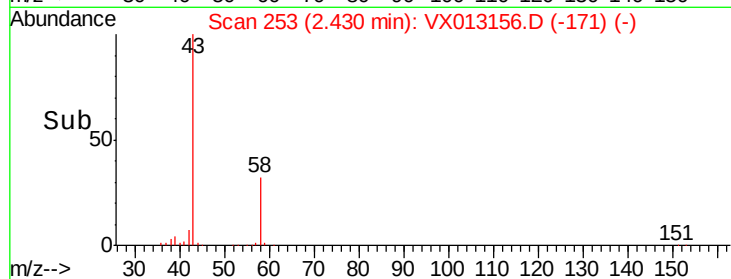
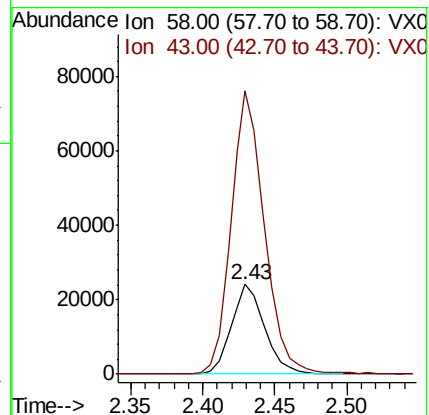
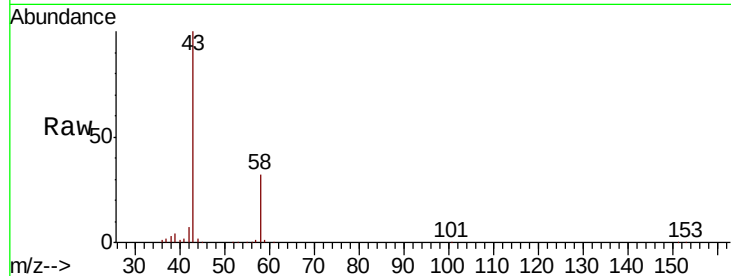
VX1021WBS01

Tot Ion: 58 Resp: 38938

Ion Ratio Lower Upper

58 100

43 314.0 262.8 394.2



#16

Carbon Disulfide

Concen: 18.556 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013156.D

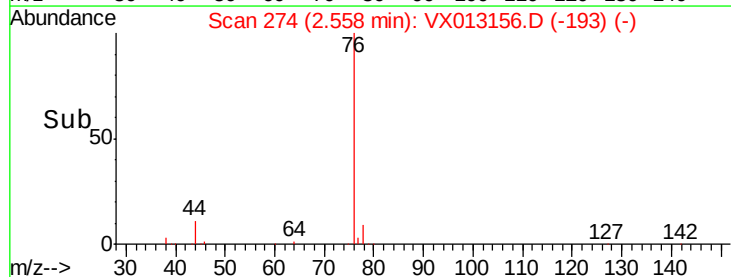
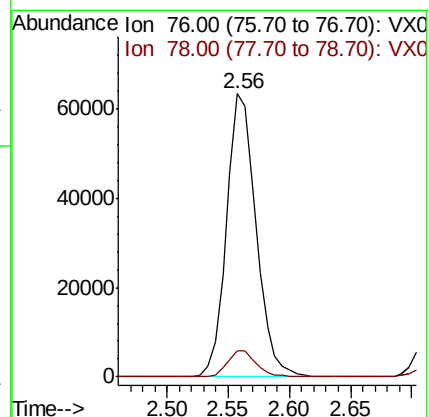
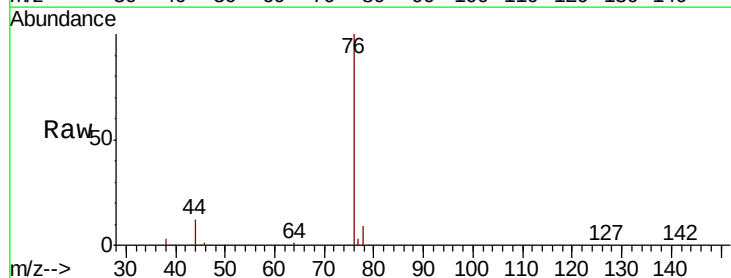
Acq: 21 Oct 2019 16:54

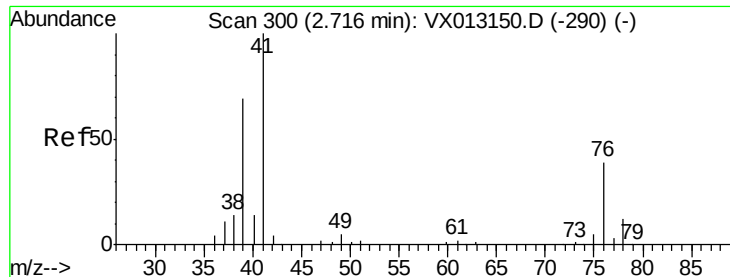
Tgt Ion: 76 Resp: 106323

Ion Ratio Lower Upper

76 100

78 9.3 6.6 10.0

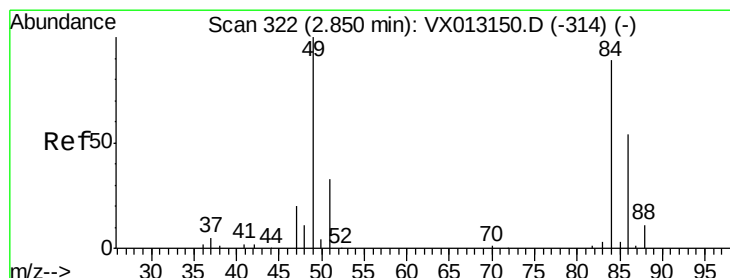
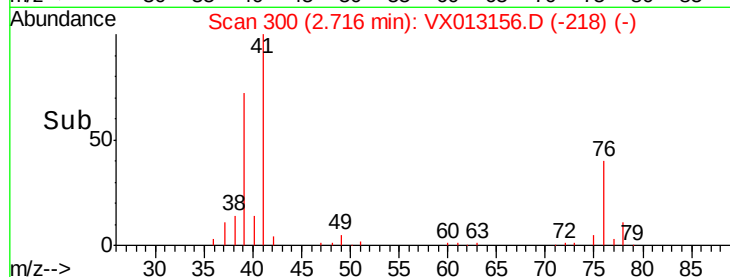
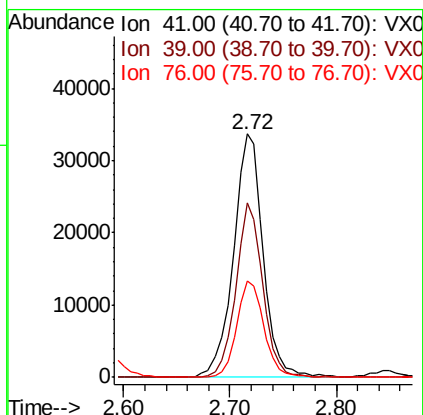
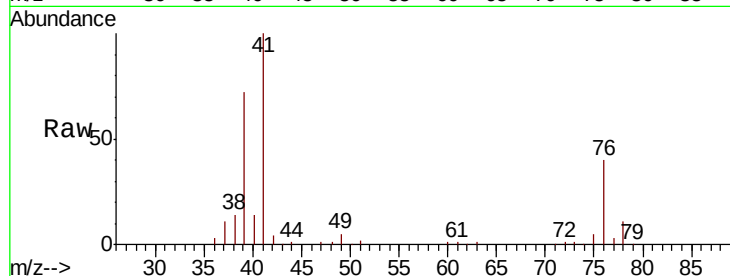




#17
Allvl chloride
Concen: 19.266 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

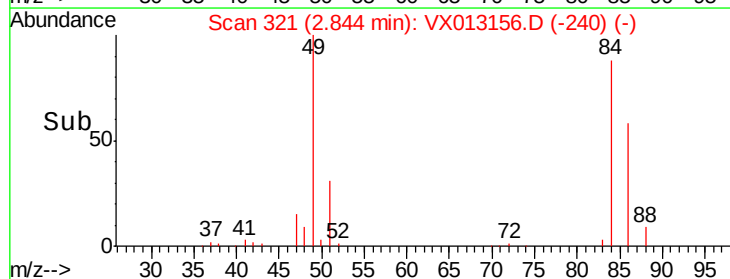
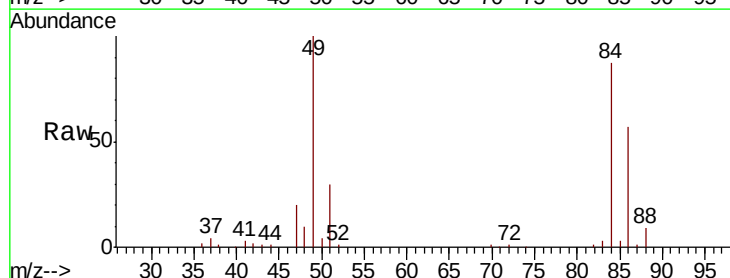
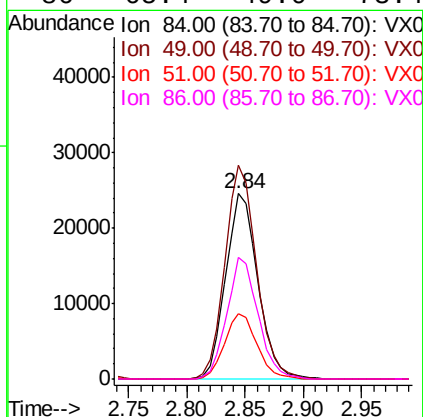
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

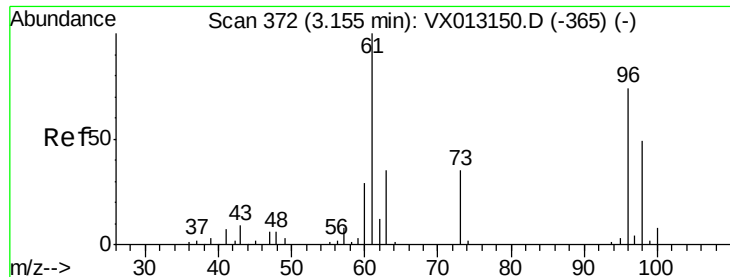
Tot Ion: 41 Resp: 65756
Ion Ratio Lower Upper
41 100
39 71.7 34.7 104.1
76 39.7 19.7 59.0



#18
Methylene Chloride
Concen: 19.010 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 84 Resp: 47228
Ion Ratio Lower Upper
84 100
49 115.3 90.3 135.5
51 35.1 29.9 44.9
86 65.4 49.0 73.4

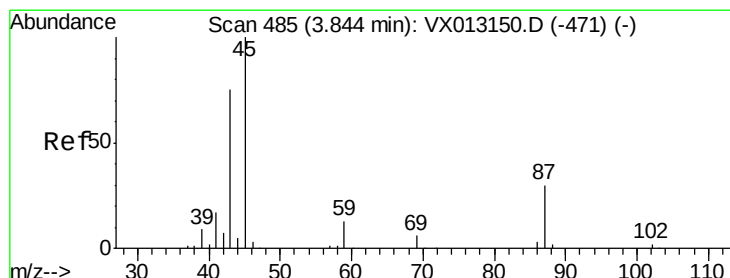
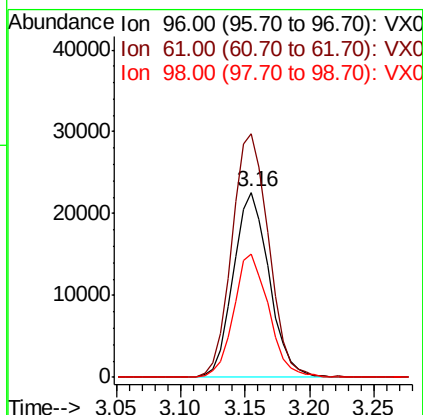
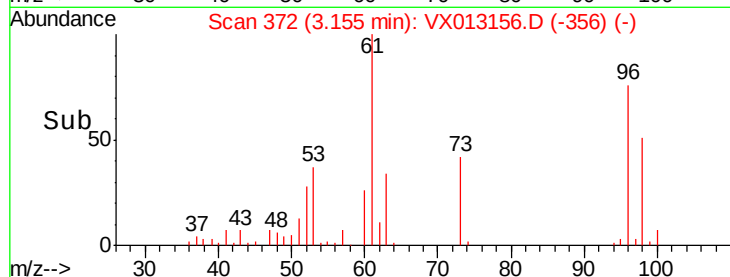
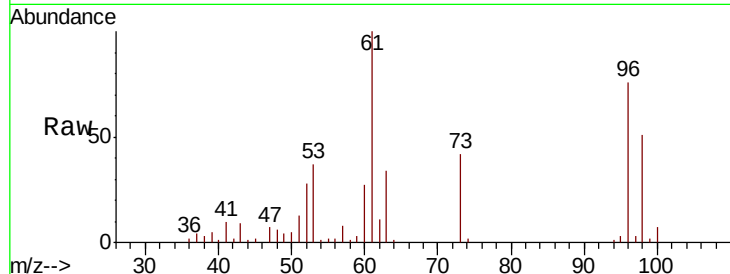




#19
trans-1,2-Dichloroethene
Concen: 19.235 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

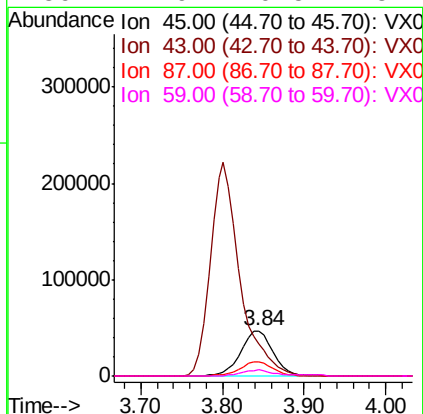
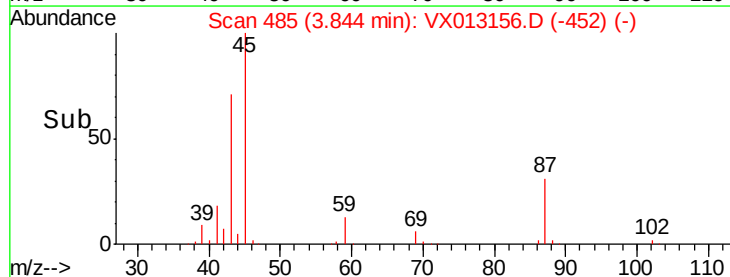
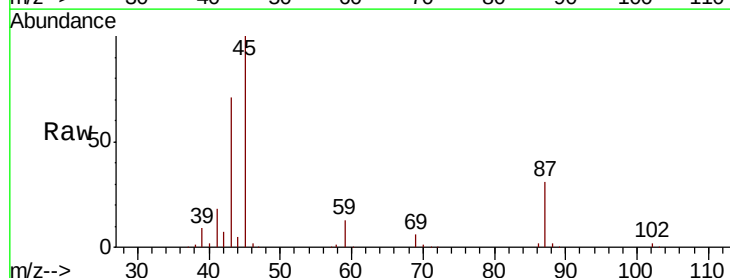
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

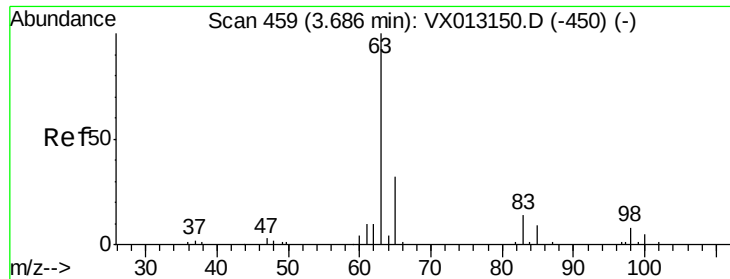
Tot Ion: 96 Resp: 43795
Ion Ratio Lower Upper
96 100
61 131.5 108.6 162.8
98 66.5 53.4 80.0



#20
Diisopropyl ether
Concen: 19.680 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 45 Resp: 129911
Ion Ratio Lower Upper
45 100
43 70.0 60.6 91.0
87 30.7 24.2 36.2
59 12.9 10.5 15.7





#21

1,1-Dichloroethane

Concen: 19.276 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

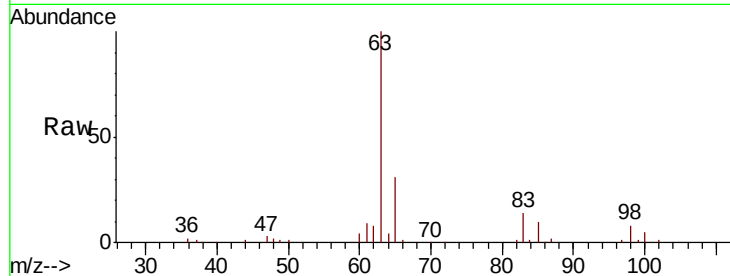
Tot Ion: 63 Resp: 77258

Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.4

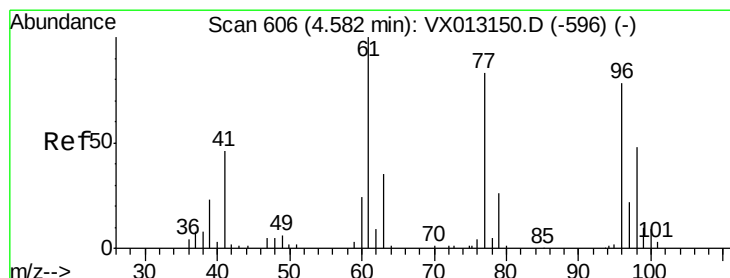
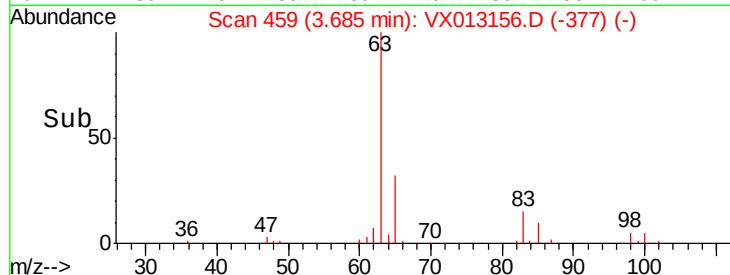
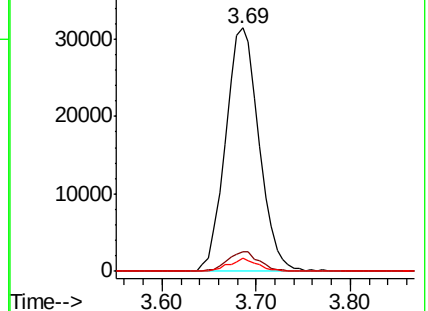
100 5.3 2.4 7.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.280 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

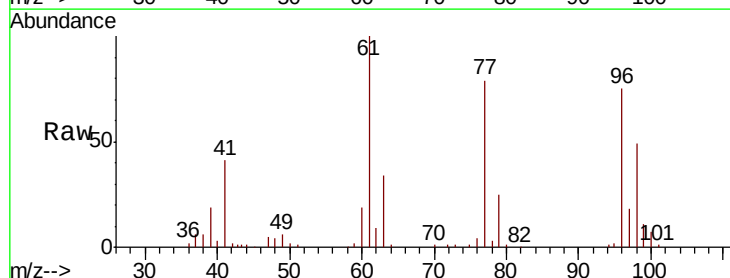
Tgt Ion: 96 Resp: 50058

Ion Ratio Lower Upper

96 100

61 142.7 112.5 168.7

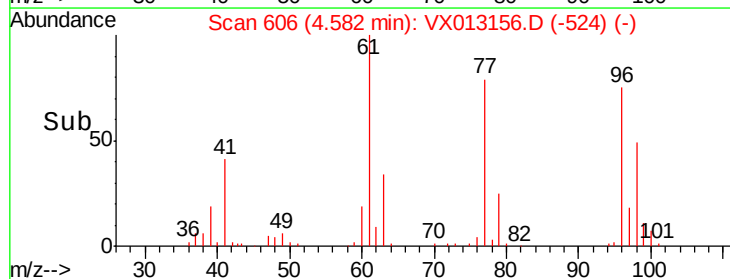
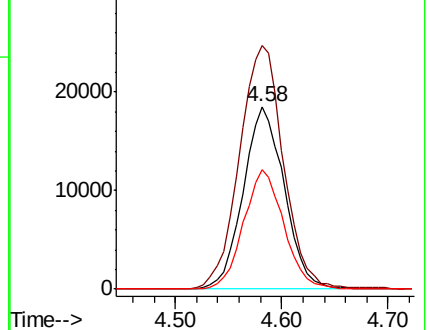
98 64.0 51.2 76.8

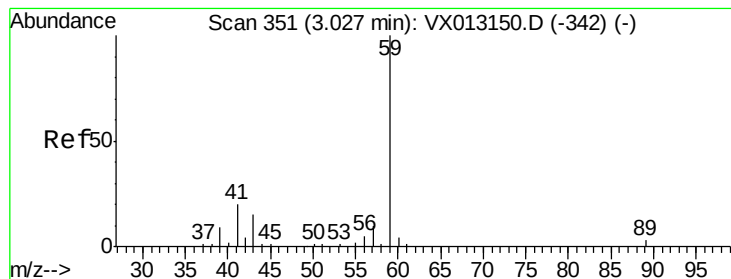


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



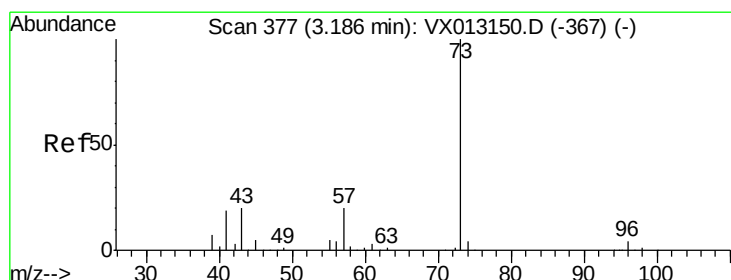
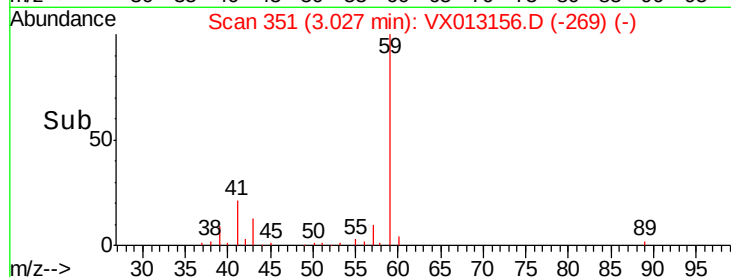
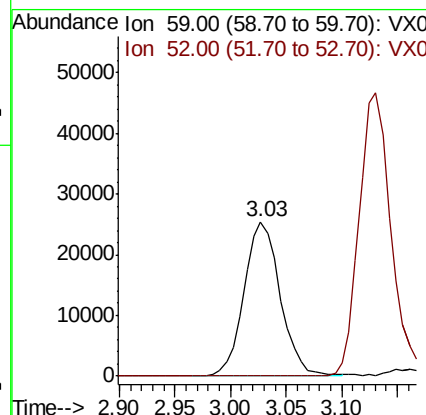
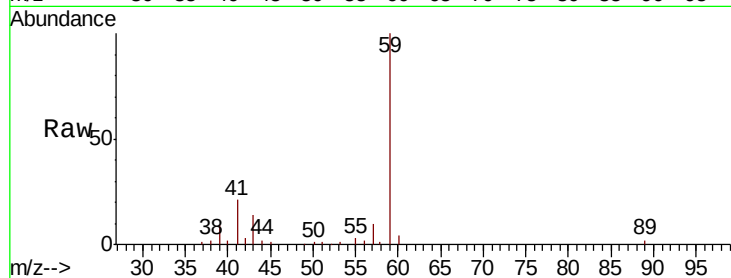


#23

tert-Butyl Alcohol
 Concen: 94.319 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

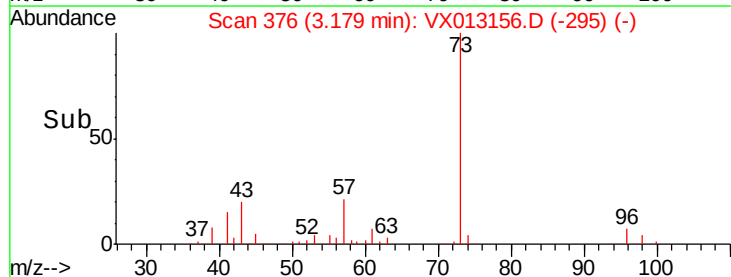
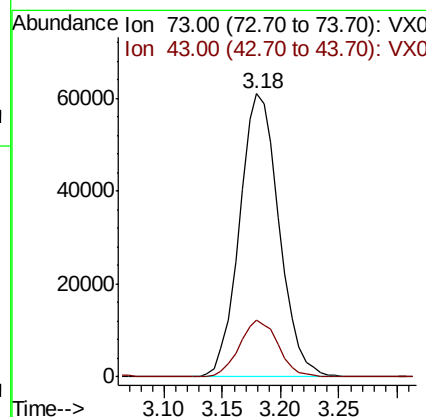
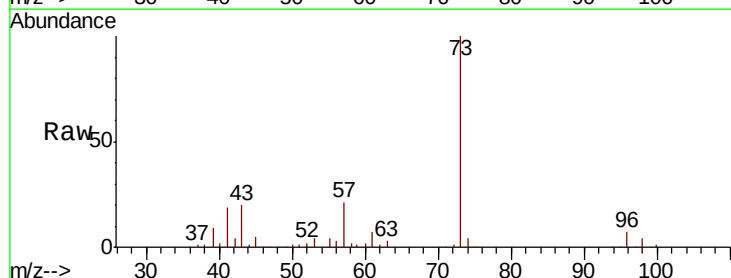
Tot Ion: 59 Resp: 57581
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

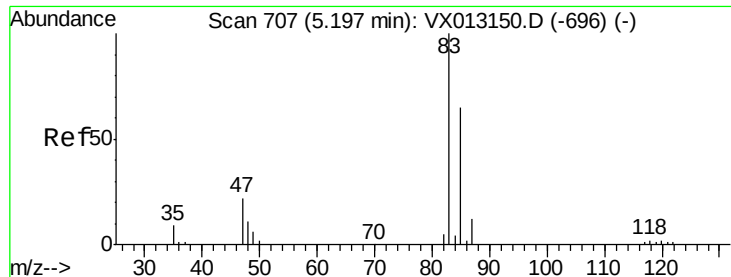


#24

Methyl tert-Butyl Ether
 Concen: 19.486 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion: 73 Resp: 144194
 Ion Ratio Lower Upper
 73 100
 43 19.9 17.1 25.7





#25

Chloroform

Concen: 18.999 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

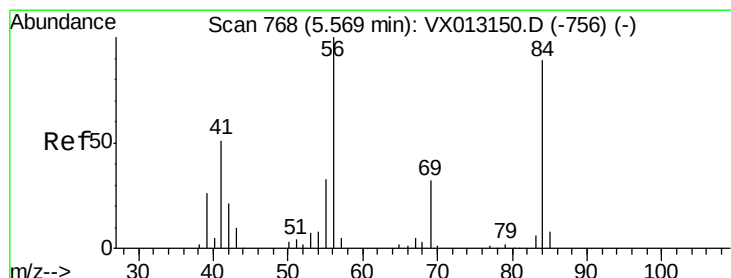
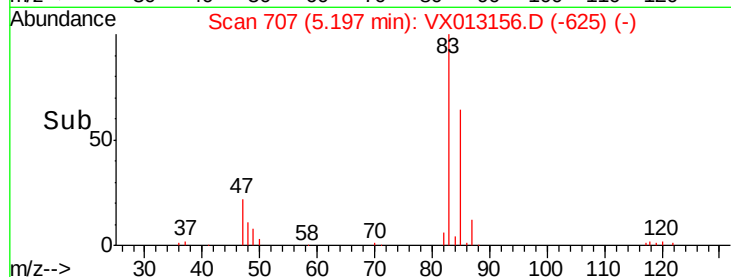
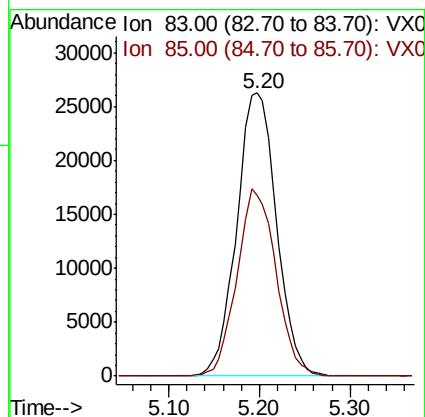
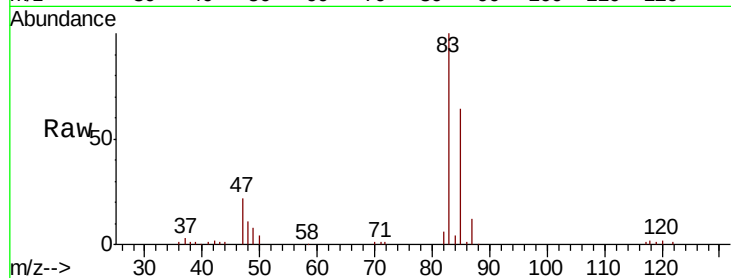
VX1021WBS01

Tot Ion: 83 Resp: 80021

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0



#26

Cyclohexane

Concen: 19.246 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

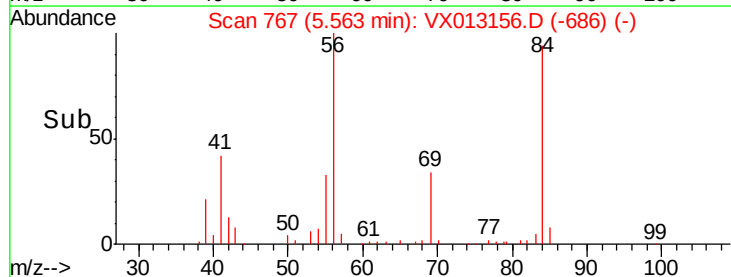
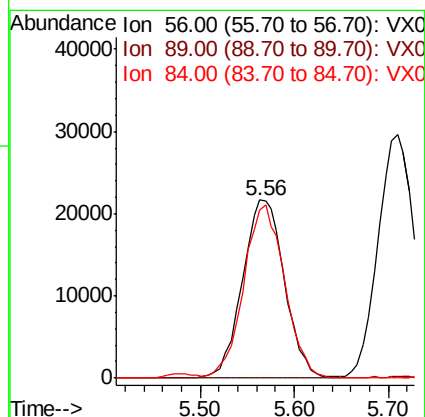
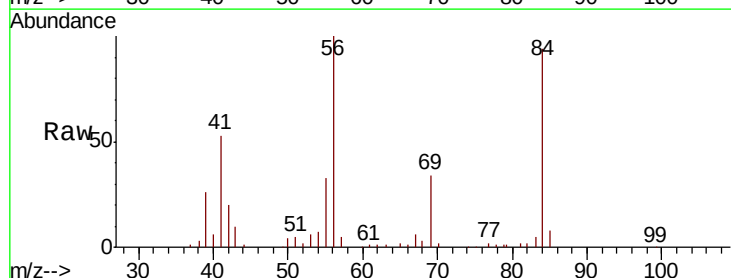
Tgt Ion: 56 Resp: 67684

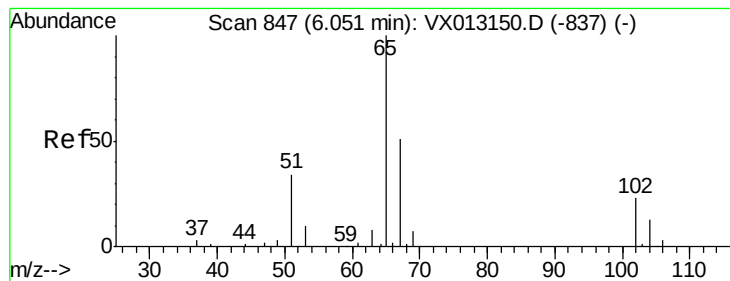
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 94.5 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 29.345 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

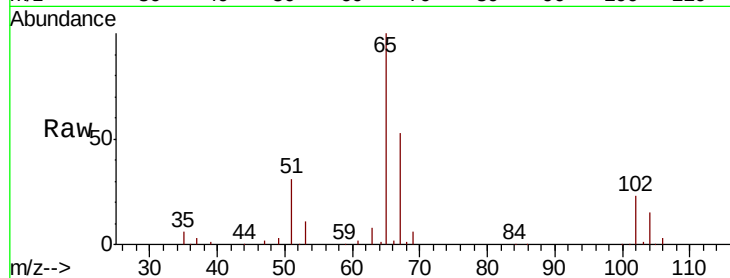
VX1021WBS01

Tot Ion: 65 Resp: 80796

Ion Ratio Lower Upper

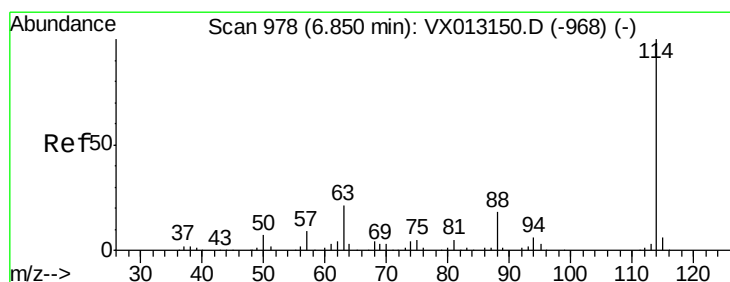
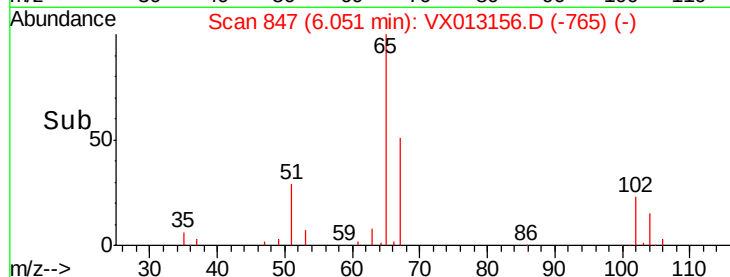
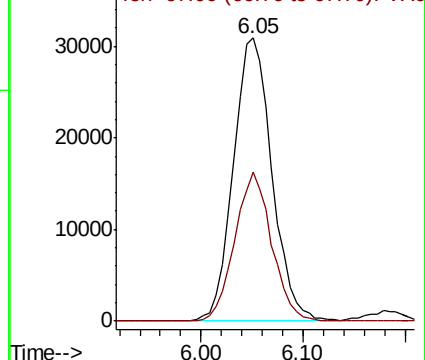
65 100

67 50.3 42.2 63.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

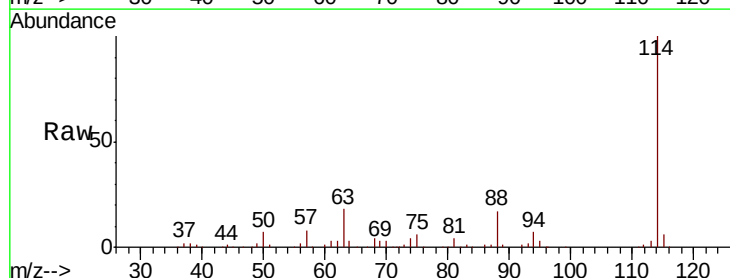
Tgt Ion: 114 Resp: 199594

Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

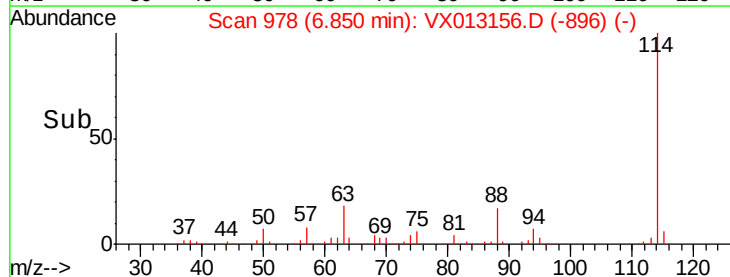
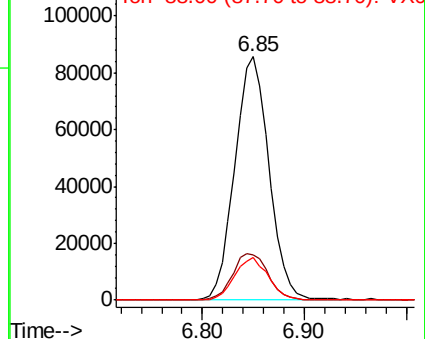
88 17.2 13.7 20.5

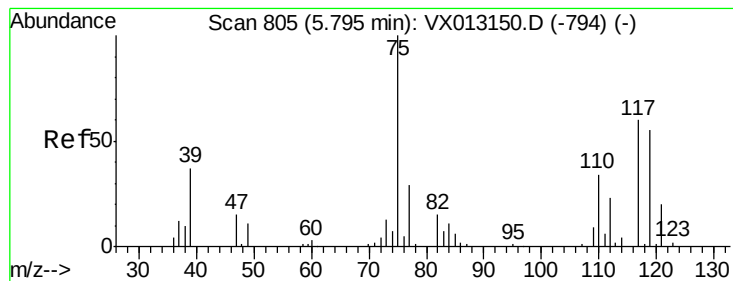


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.024 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

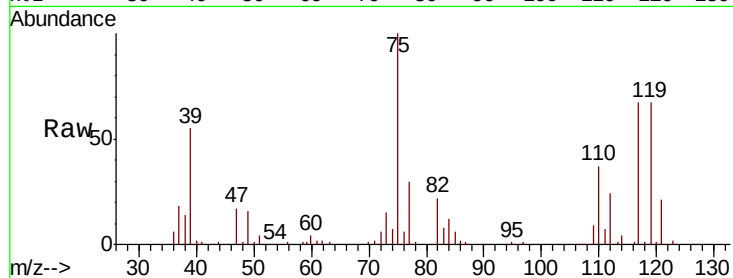
Tot Ion: 75 Resp: 58988

Ion Ratio Lower Upper

75 100

110 37.0 0.0 68.4

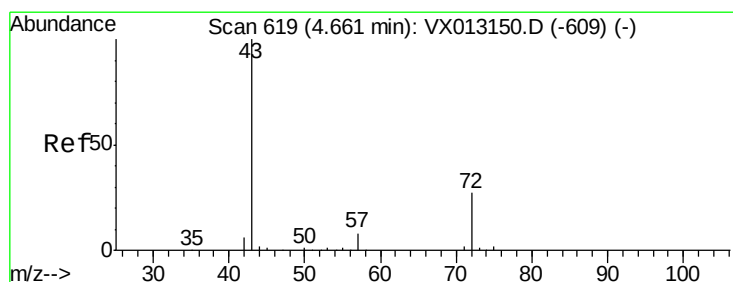
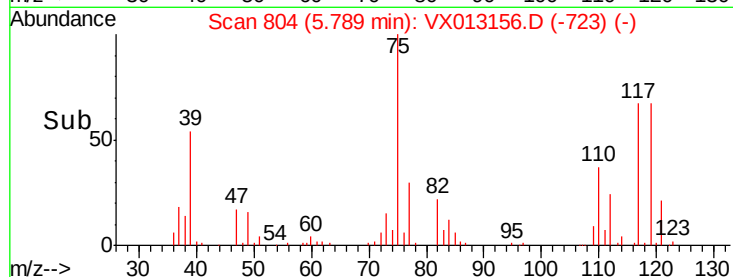
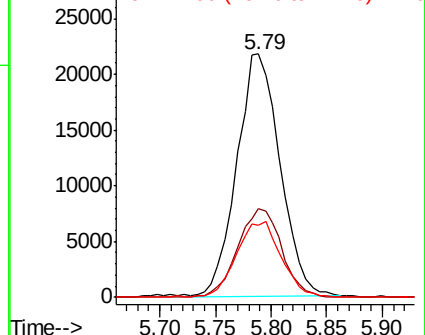
77 32.2 0.0 30.8#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 100.093 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

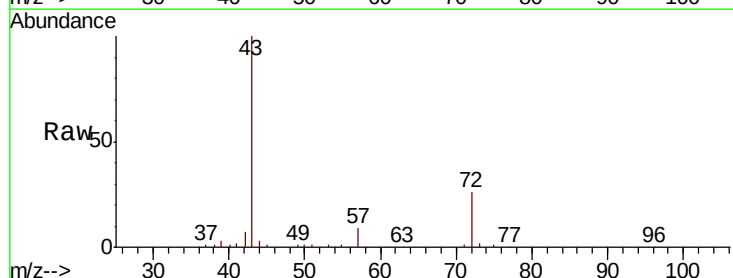
Tgt Ion: 43 Resp: 162797

Ion Ratio Lower Upper

43 100

57 8.9 7.0 10.6

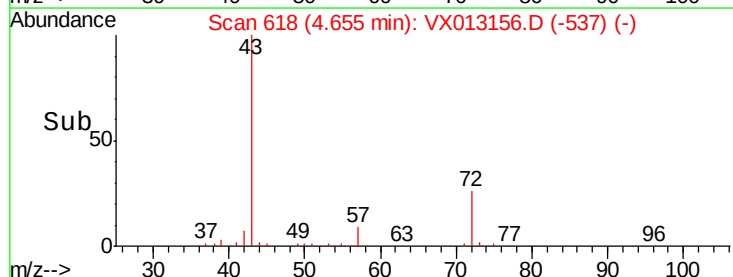
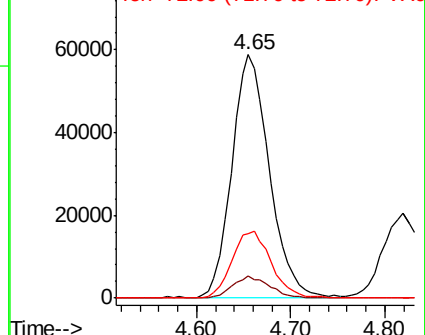
72 28.9 23.4 35.2

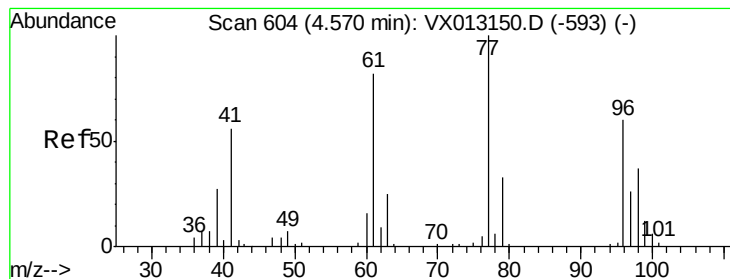


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.629 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

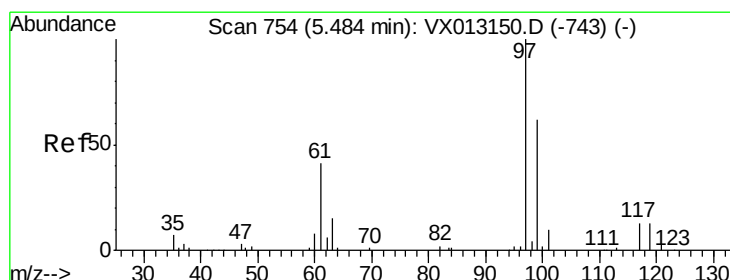
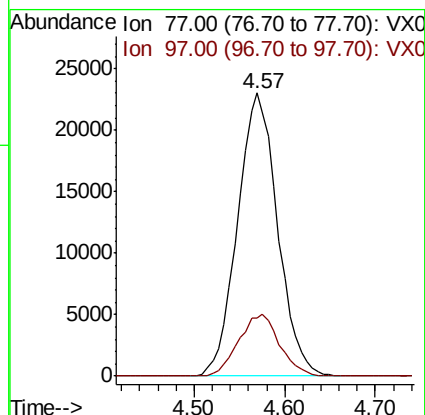
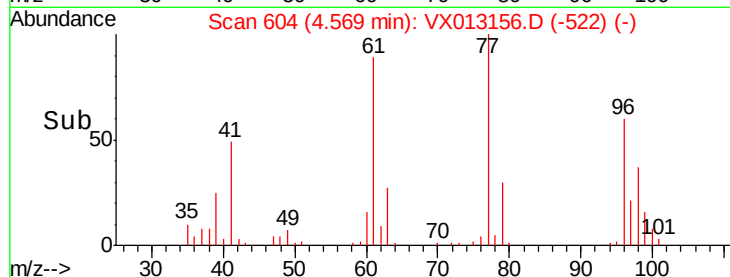
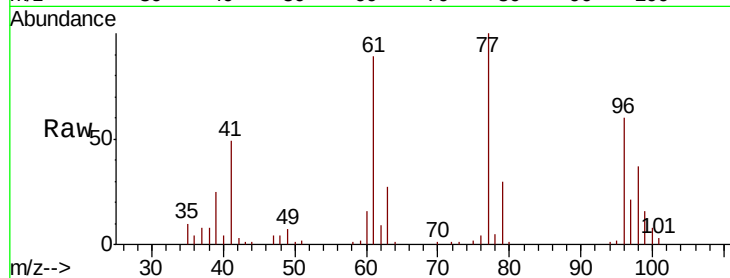
VX1021WBS01

Tot Ion: 77 Resp: 70367

Ion Ratio Lower Upper

77 100

97 22.3 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 18.744 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

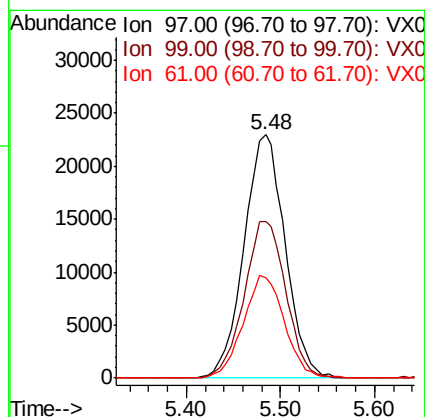
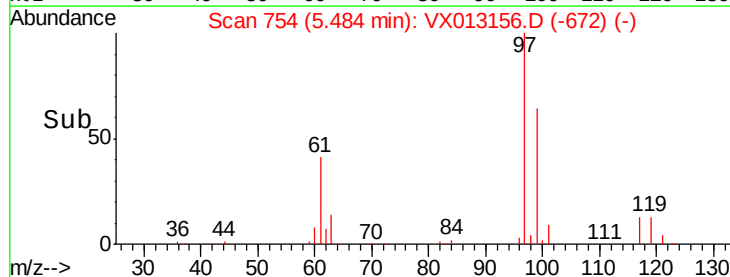
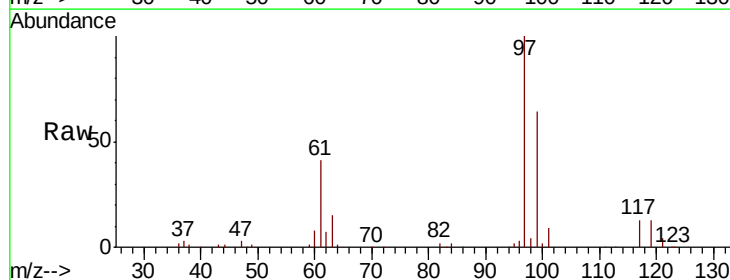
Tgt Ion: 97 Resp: 70328

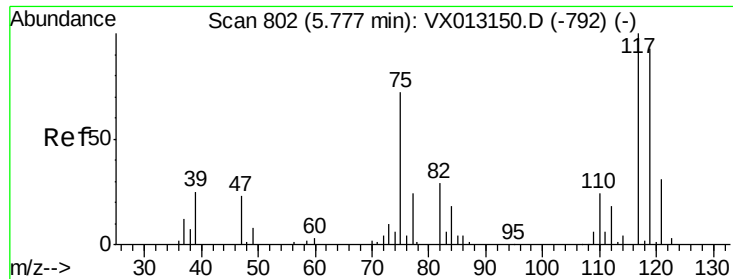
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.8

61 42.1 33.5 50.3

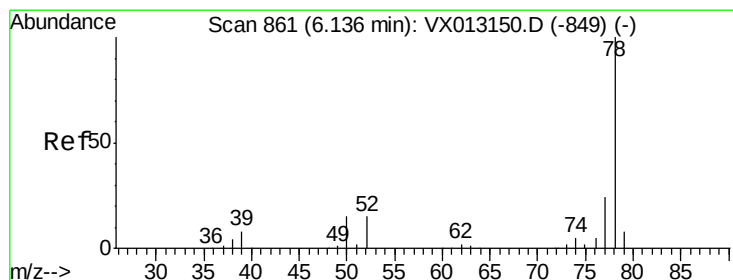
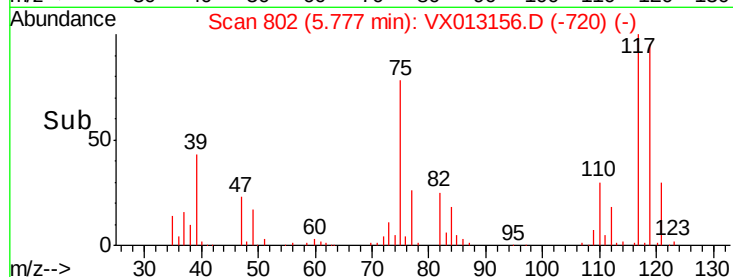
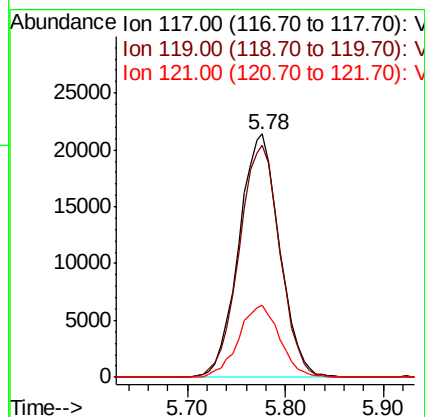
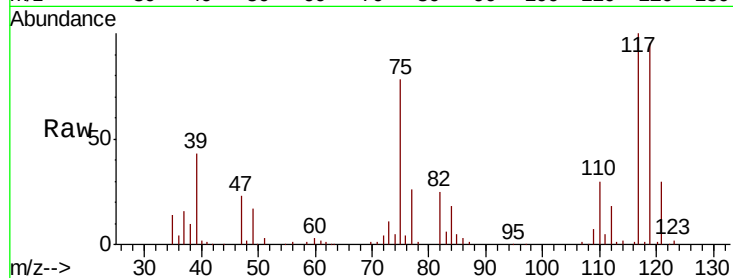




#33
Carbon Tetrachloride
Concen: 19.156 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

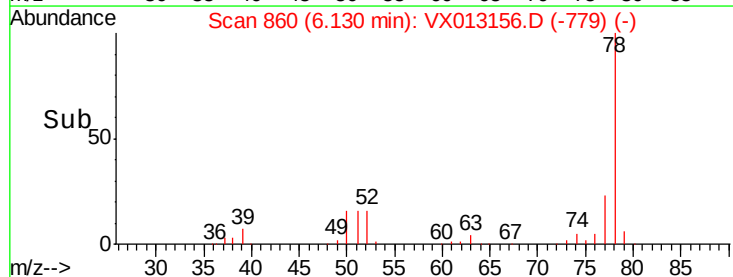
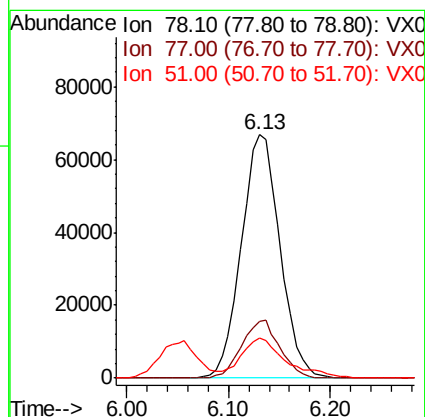
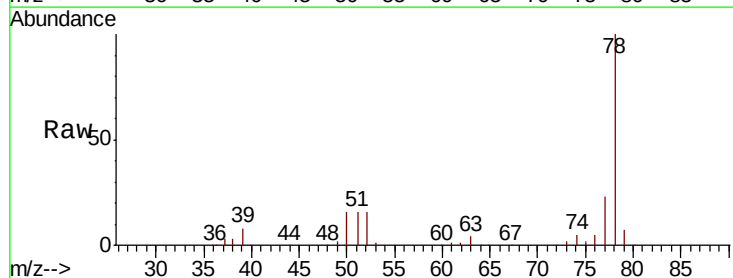
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

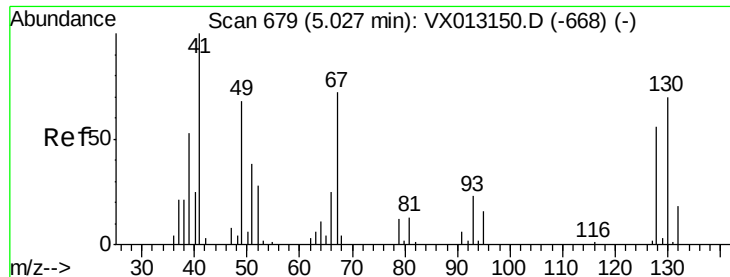
Tot Ion:117 Resp: 61776
Ion Ratio Lower Upper
117 100
119 95.1 74.9 112.3
121 29.6 25.0 37.4



#34
Benzene
Concen: 19.732 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 78 Resp: 176139
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 15.5 11.4 17.2

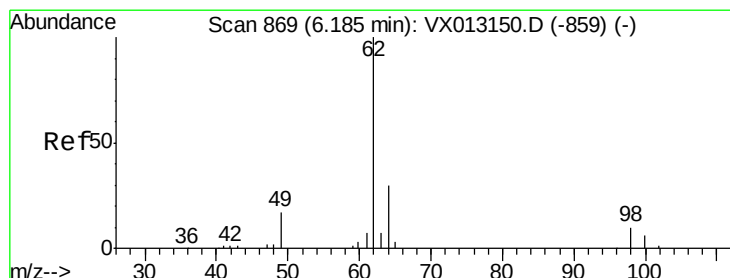
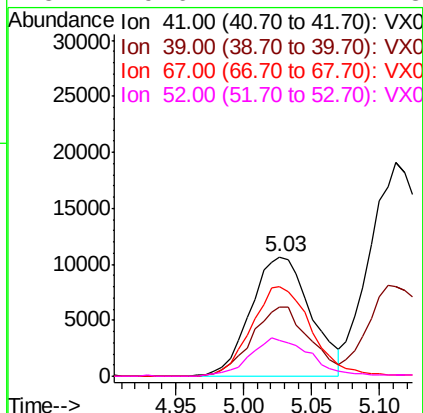
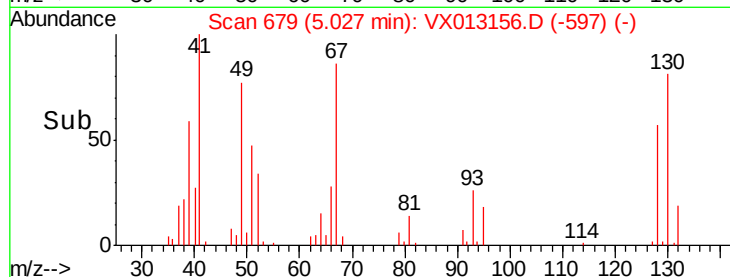
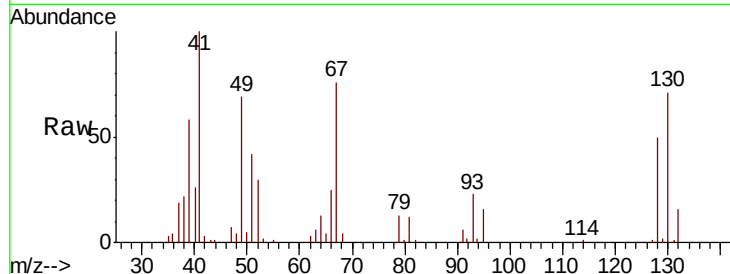




#35
Methacrylonitrile
Concen: 19.680 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

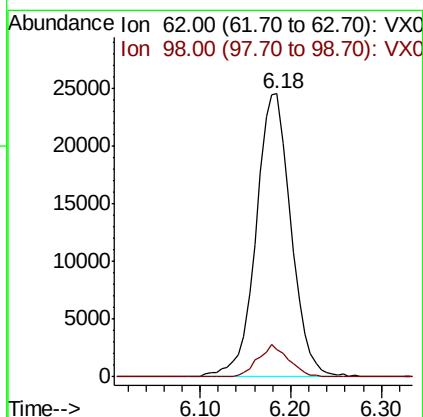
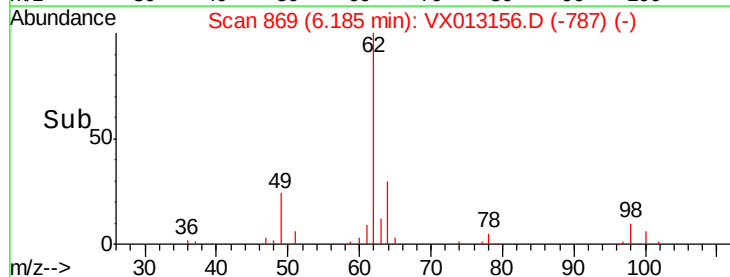
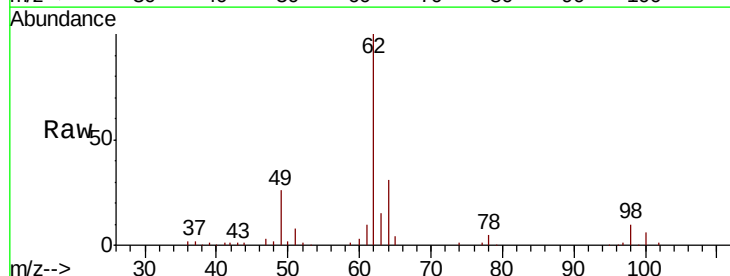
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

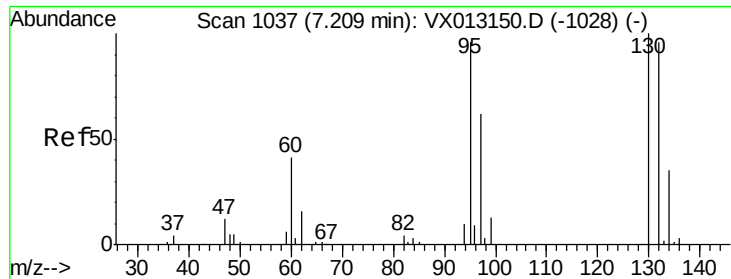
Tot Ion: 41 Resp: 32826
Ion Ratio Lower Upper
41 100
39 57.9 26.3 78.9
67 75.7 35.8 107.4
52 29.6 14.1 42.3



#36
1,2-Dichloroethane
Concen: 19.398 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 62 Resp: 65456
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0

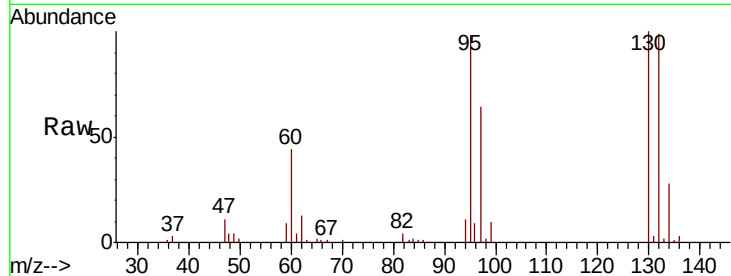




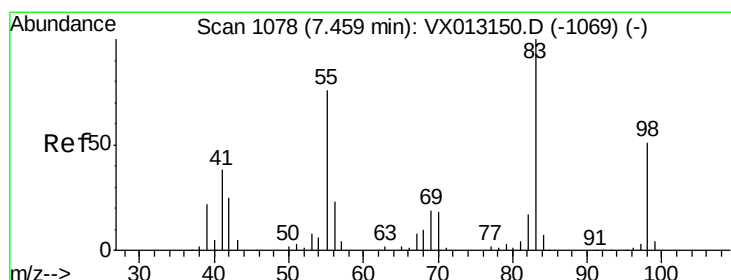
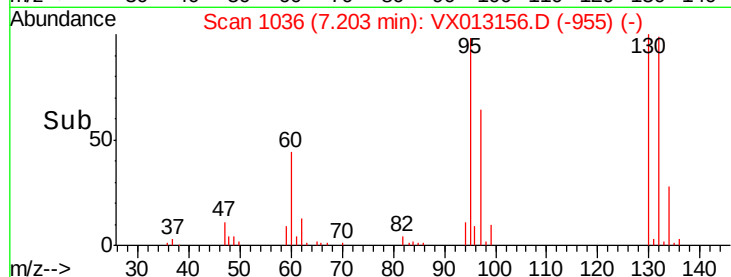
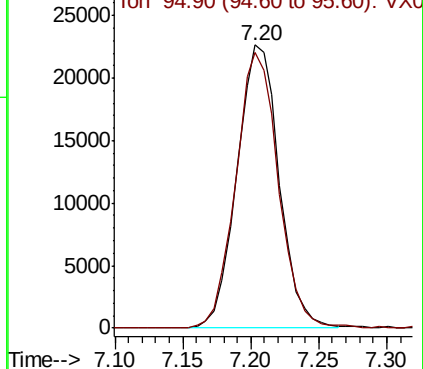
#37
 Trichloroethene
 Concen: 19.855 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Tot Ion:130 Resp: 49160
 Ion Ratio Lower Upper
 130 100
 95 97.6 77.0 115.6

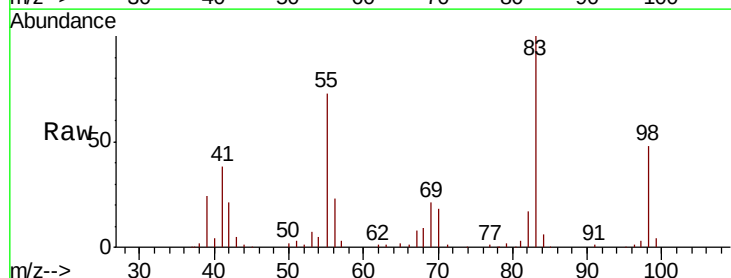


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

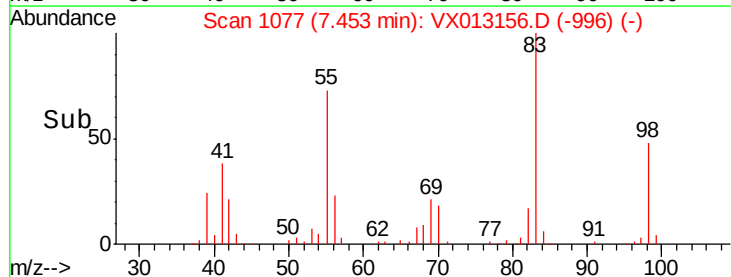
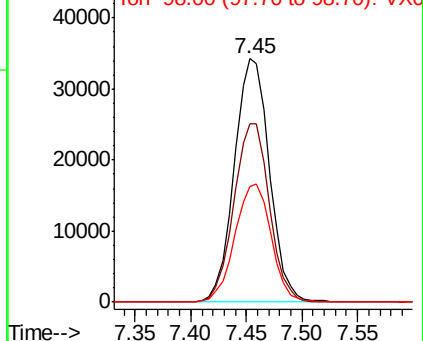


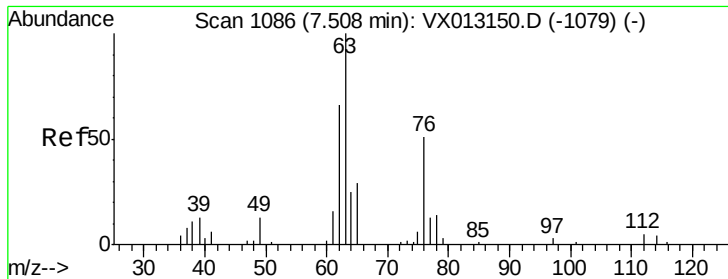
#38
 Methylcyclohexane
 Concen: 19.812 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion: 83 Resp: 74920
 Ion Ratio Lower Upper
 83 100
 55 74.1 37.5 112.5
 98 50.1 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: 20.094 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

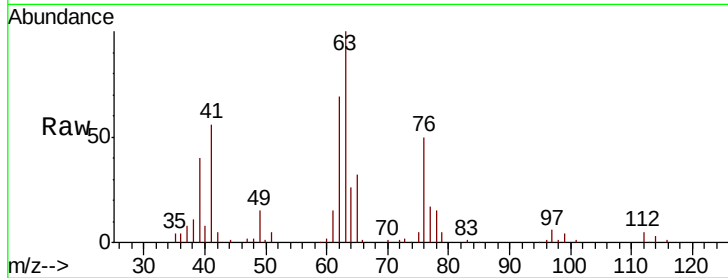
VX1021WBS01

Tot Ion: 63 Resp: 44026

Ion Ratio Lower Upper

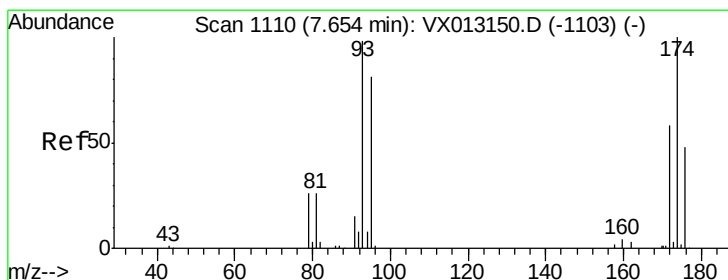
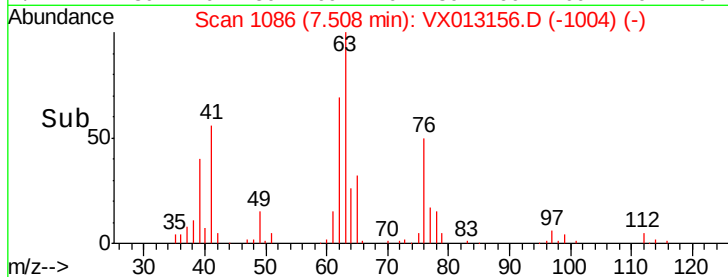
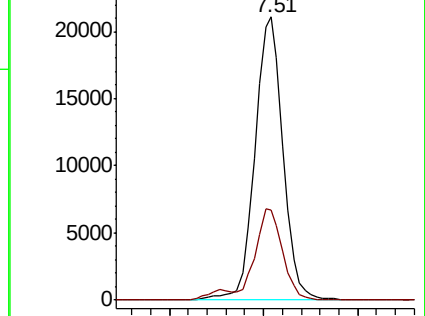
63 100

65 31.9 24.8 37.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.578 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

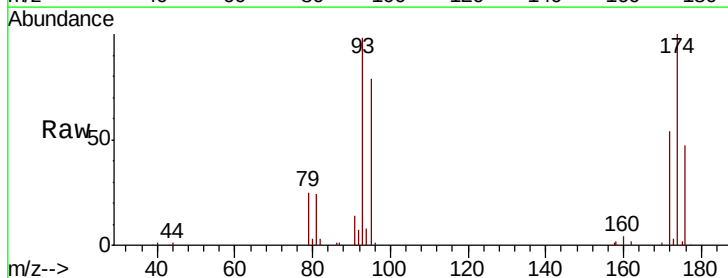
Tgt Ion: 93 Resp: 30639

Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.0

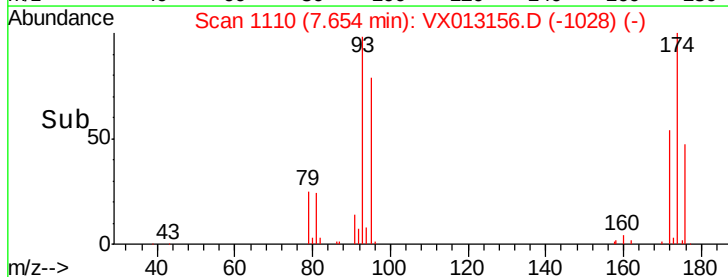
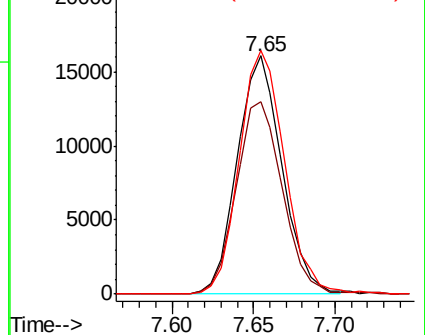
174 103.8 0.0 208.8

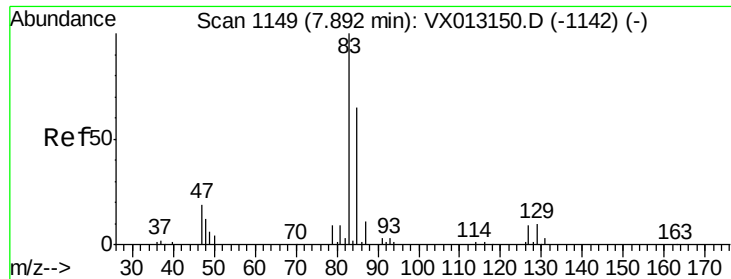


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.328 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

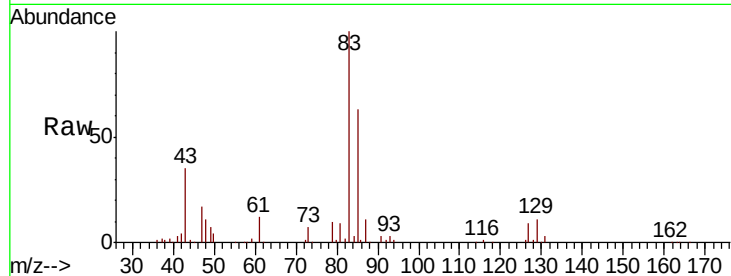
Tot Ion: 83 Resp: 60992

Ion Ratio Lower Upper

83 100

85 62.9 52.1 78.1

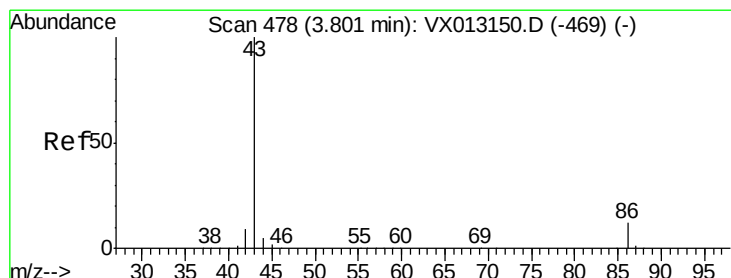
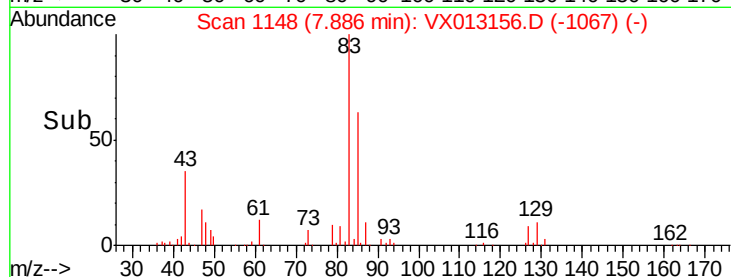
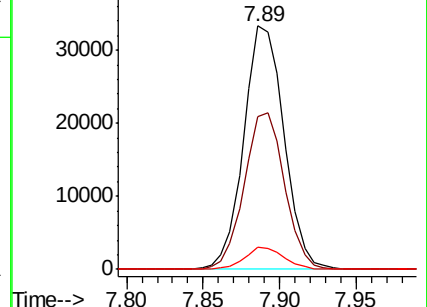
127 9.2 7.5 11.3



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: 99.848 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013156.D

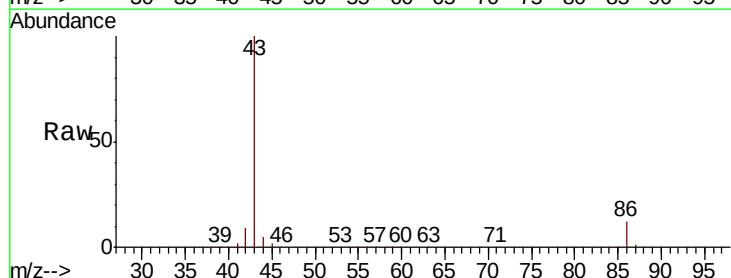
Acq: 21 Oct 2019 16:54

Tgt Ion: 43 Resp: 563155

Ion Ratio Lower Upper

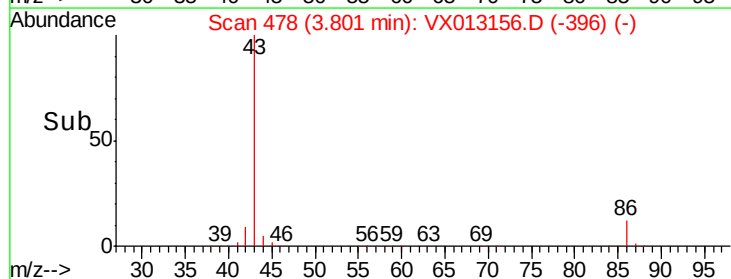
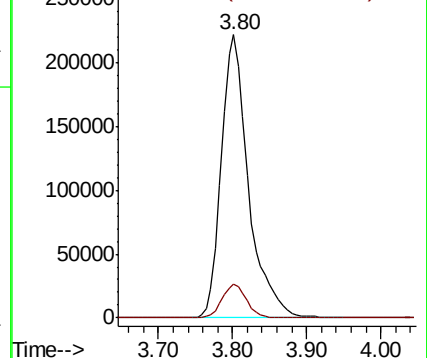
43 100

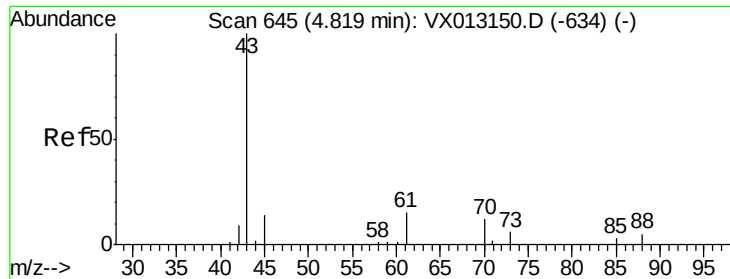
86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.388 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

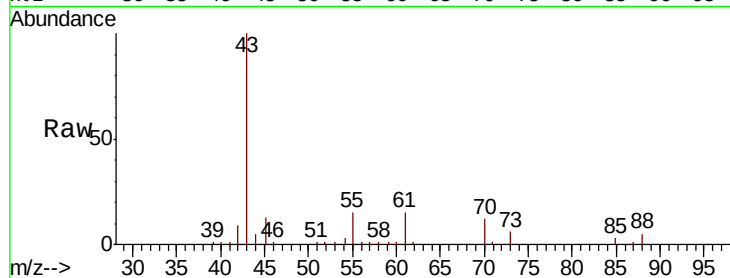
VX1021WBS01

Tot Ion: 43 Resp: 60482

Ion Ratio Lower Upper

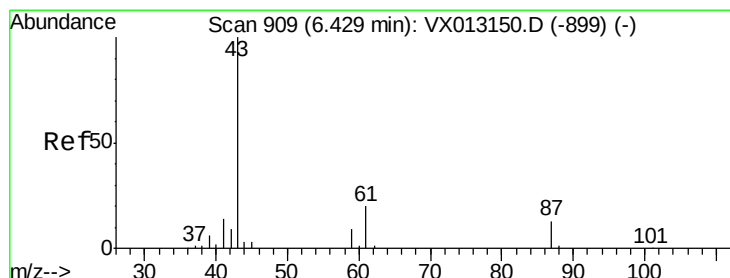
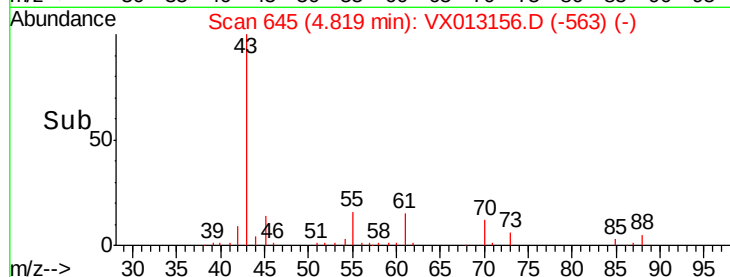
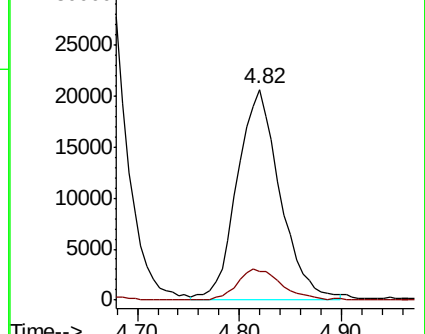
43 100

45 15.0 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.786 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX013156.D

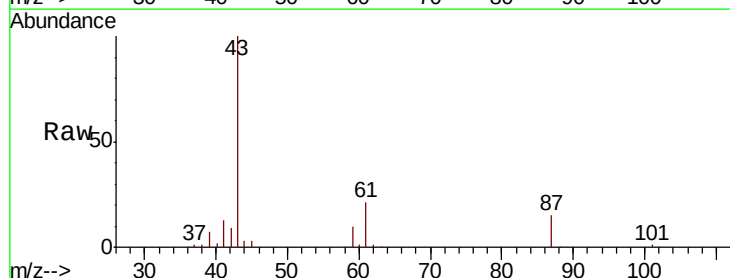
Acq: 21 Oct 2019 16:54

Tgt Ion: 43 Resp: 98648

Ion Ratio Lower Upper

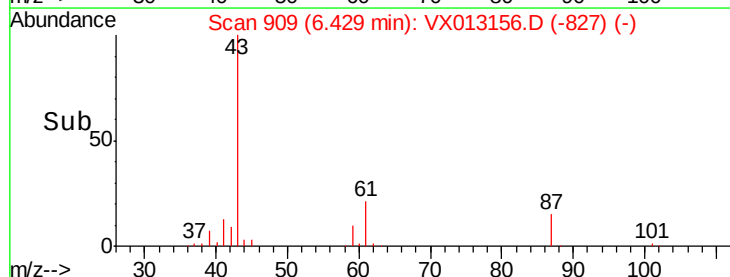
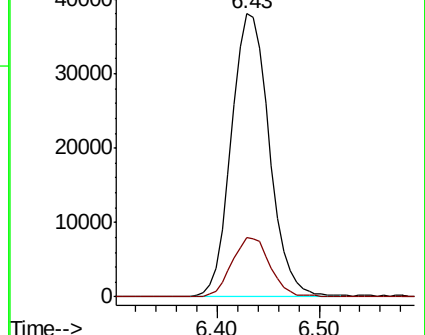
43 100

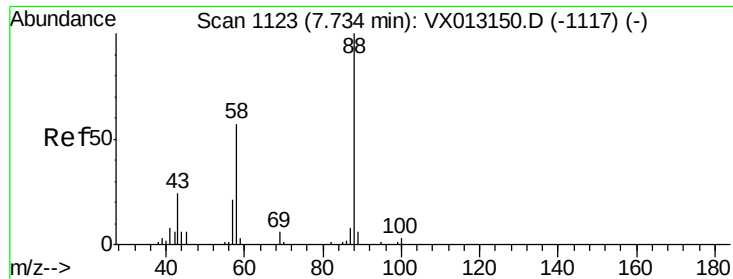
61 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

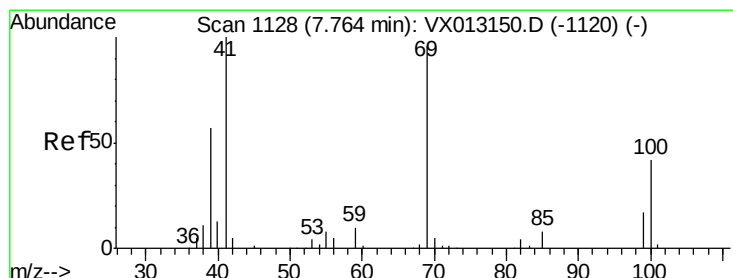
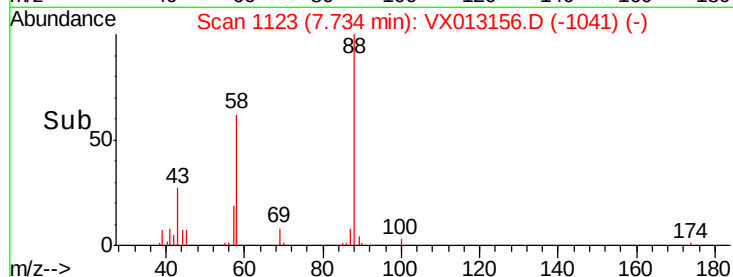
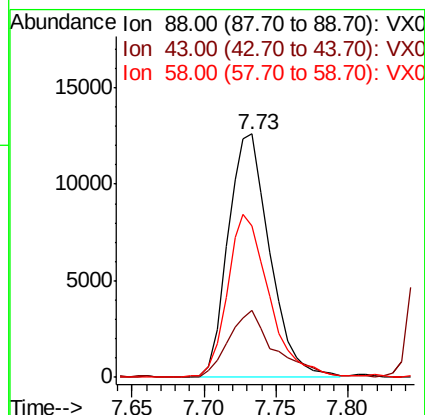
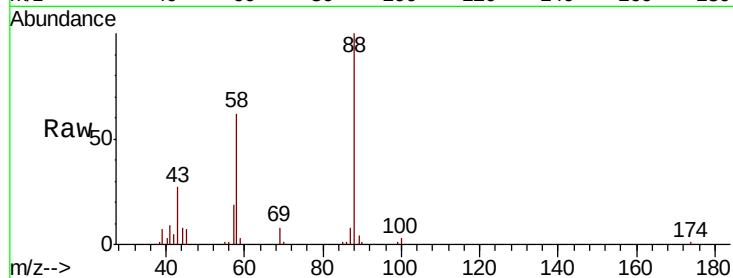




#45
1,4-Dioxane
Concen: 402.492 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

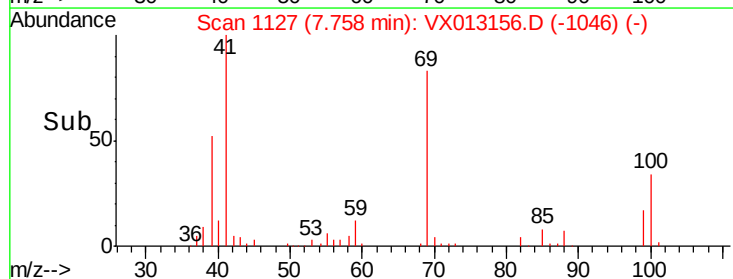
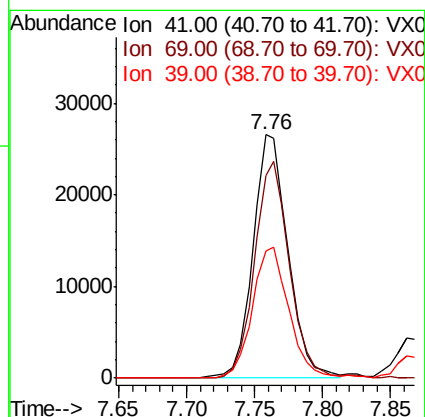
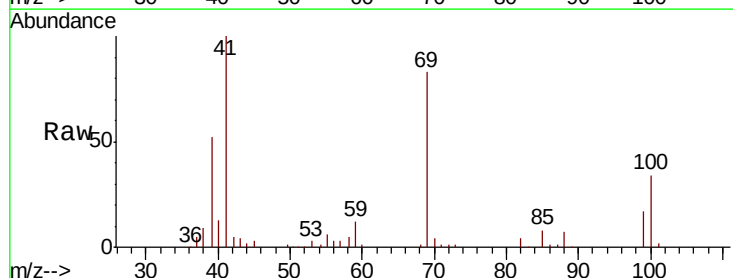
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

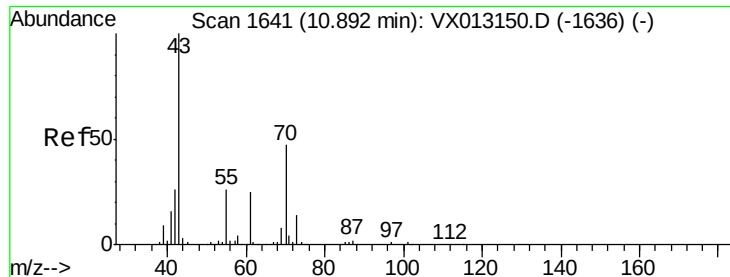
Tot Ion: 88 Resp: 25378
Ion Ratio Lower Upper
88 100
43 30.4 24.0 36.0
58 66.8 52.8 79.2



#46
Methyl methacrylate
Concen: 19.567 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 41 Resp: 48004
Ion Ratio Lower Upper
41 100
69 83.2 47.8 143.3
39 52.3 28.5 85.5





#47

n-amvl Acetate

Concen: 19.628 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

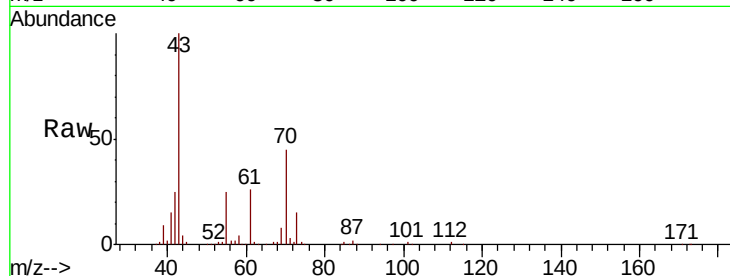
VX1021WBS01

Tot Ion: 43 Resp: 82491

Ion Ratio Lower Upper

43 100

55 24.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

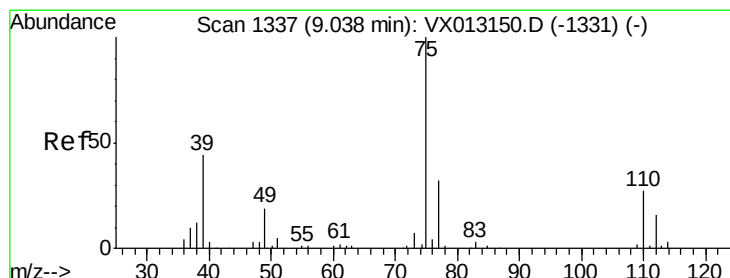
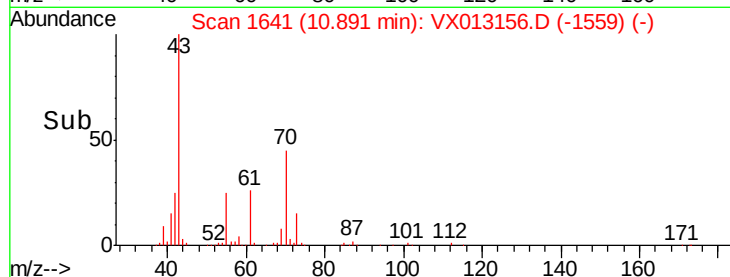
40000

20000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.382 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013156.D

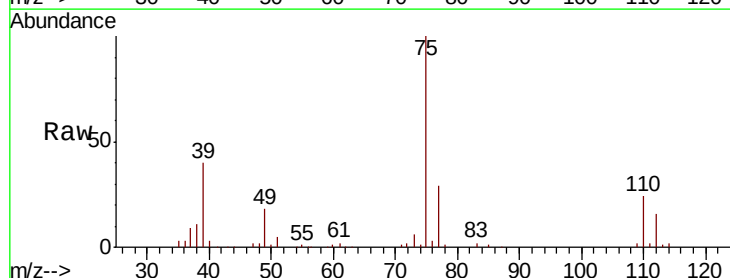
Acq: 21 Oct 2019 16:54

Tgt Ion: 75 Resp: 67092

Ion Ratio Lower Upper

75 100

77 29.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

50000

40000

30000

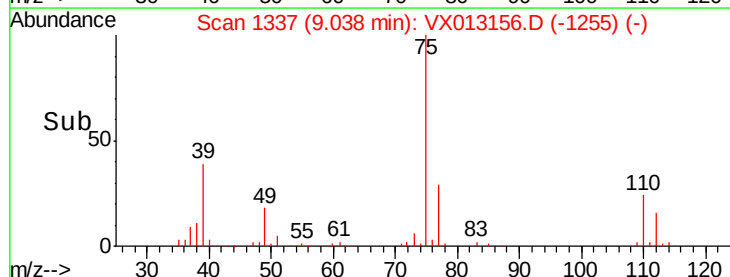
20000

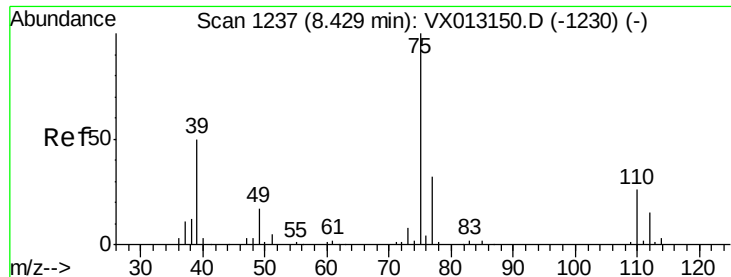
10000

0

9.00 9.05 9.10

Time-->



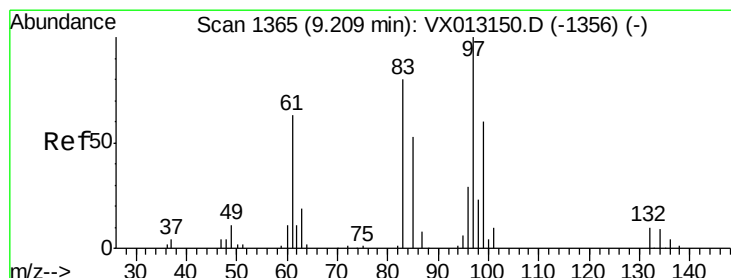
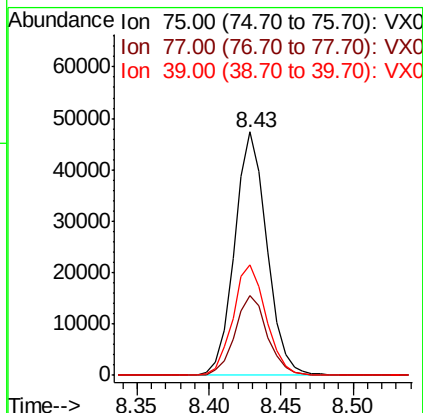
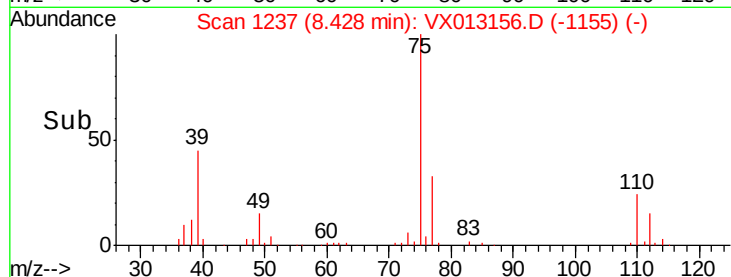
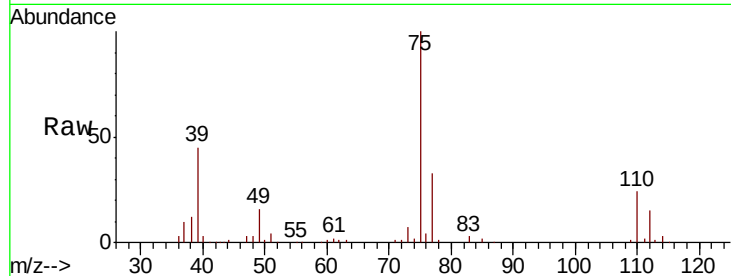


#49

cis-1,3-Dichloropropene
Concen: 19.652 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

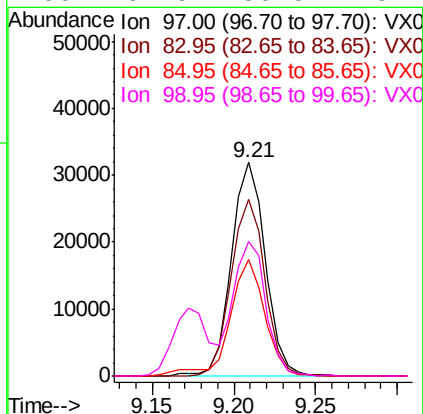
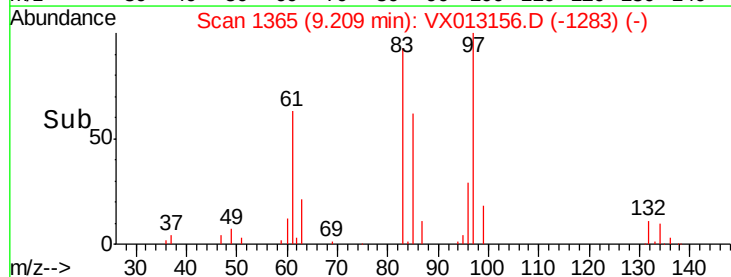
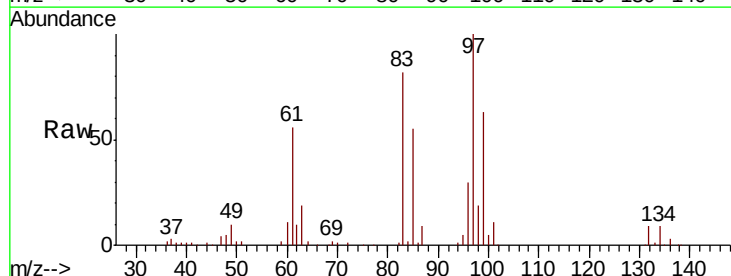
Tot Ion: 75 Resp: 74017
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
39 45.1 39.7 59.5

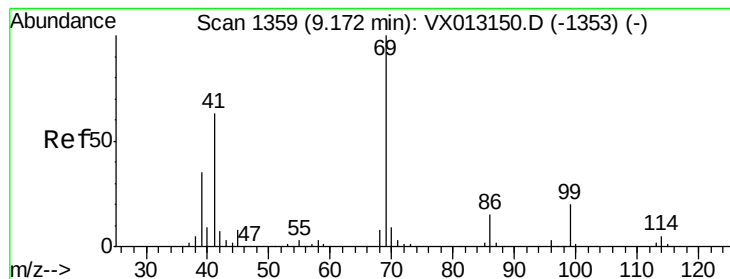


#50

1,1,2-Trichloroethane
Concen: 19.884 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 97 Resp: 45956
Ion Ratio Lower Upper
97 100
83 82.4 64.2 96.4
85 54.5 42.7 64.1
99 62.9 50.5 75.7





#51

Ethyl methacrylate

Concen: 19.884 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

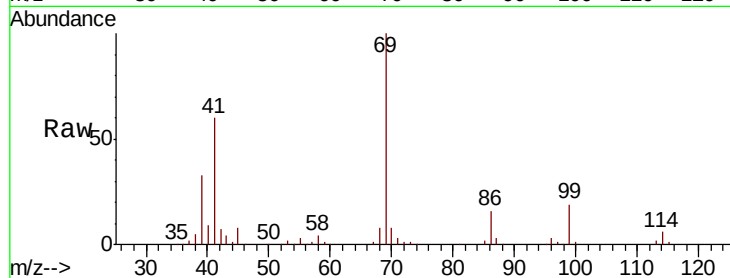
Tot Ion: 69 Resp: 72056

Ion Ratio Lower Upper

69 100

41 60.0 31.6 95.0

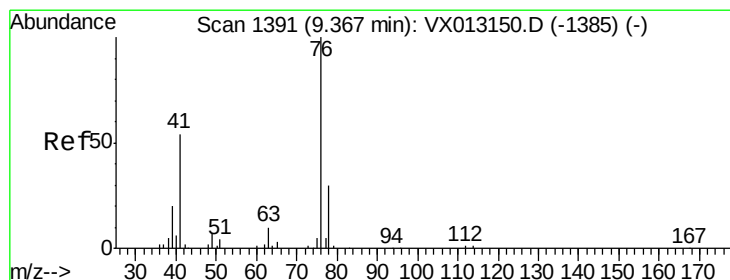
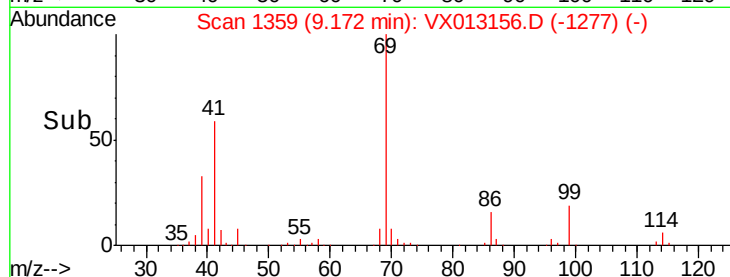
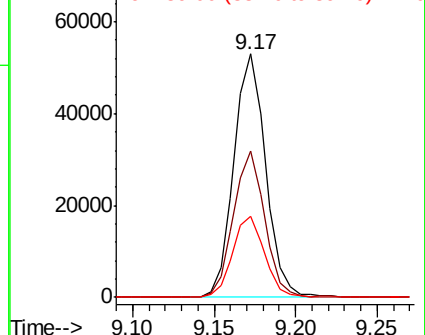
39 33.3 17.7 53.1



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: 19.615 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013156.D

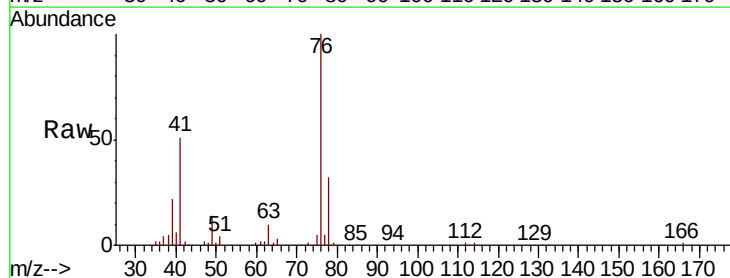
Acq: 21 Oct 2019 16:54

Tgt Ion: 76 Resp: 76341

Ion Ratio Lower Upper

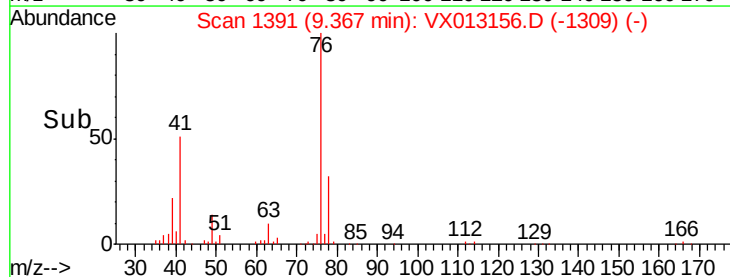
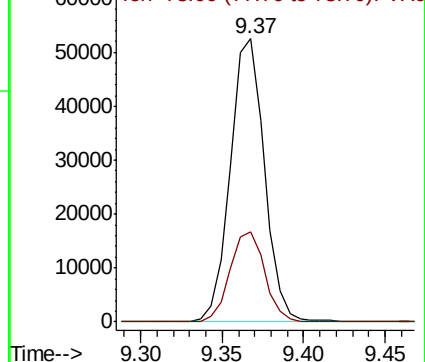
76 100

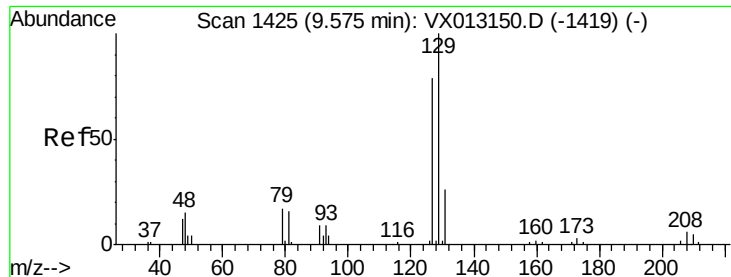
78 32.6 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.913 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

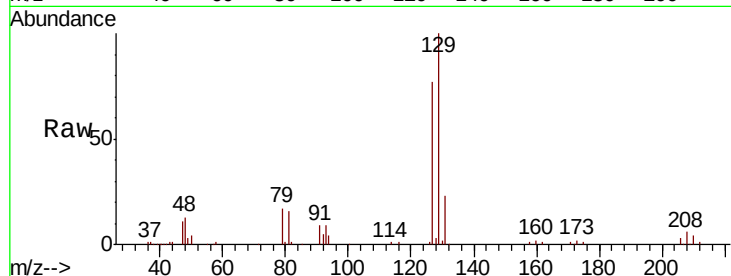
VX1021WBS01

Tot Ion:129 Resp: 47151

Ion Ratio Lower Upper

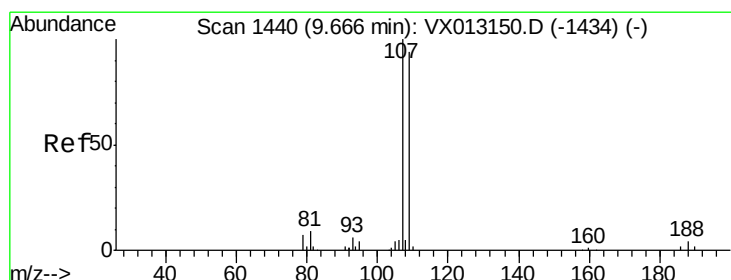
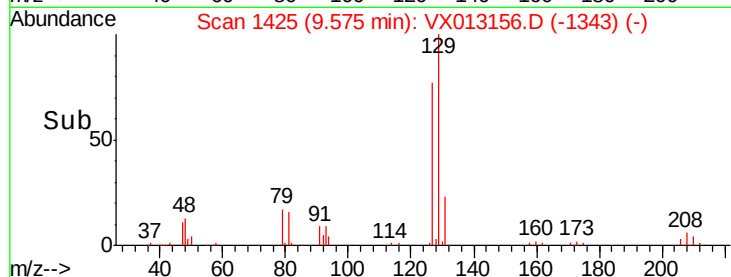
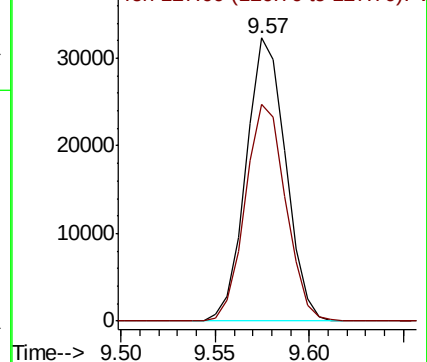
129 100

127 78.0 39.4 118.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.567 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013156.D

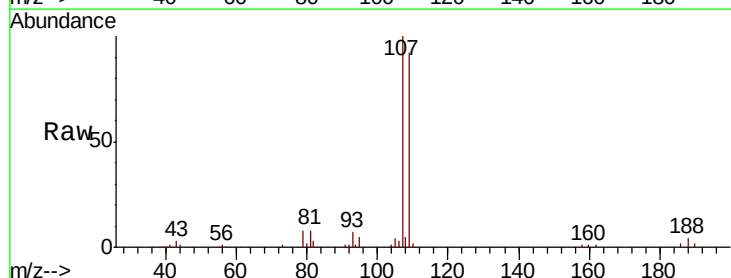
Acq: 21 Oct 2019 16:54

Tgt Ion:107 Resp: 48353

Ion Ratio Lower Upper

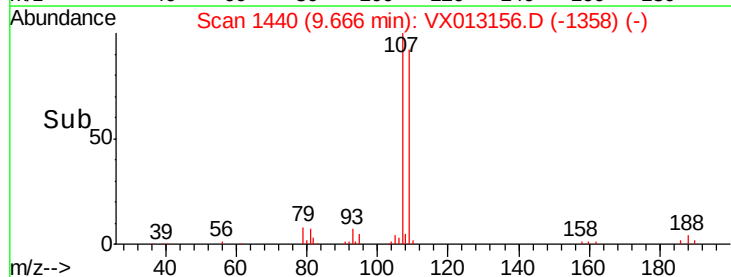
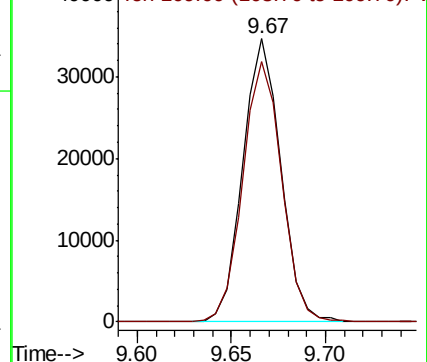
107 100

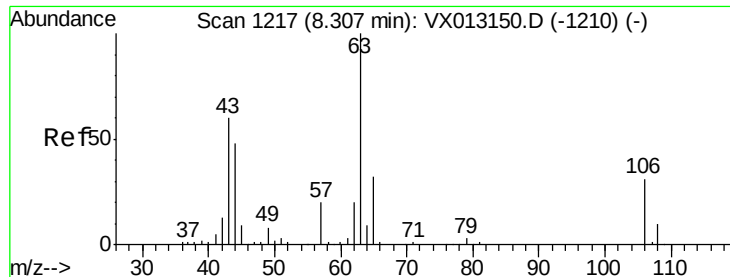
109 94.6 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

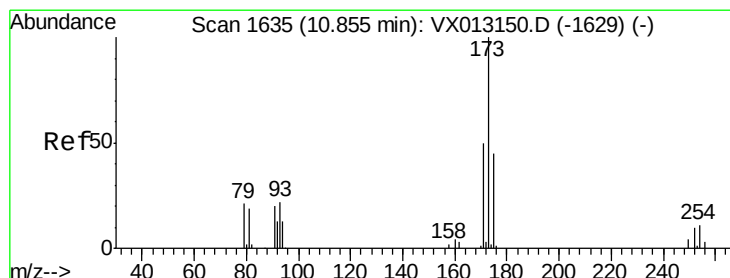
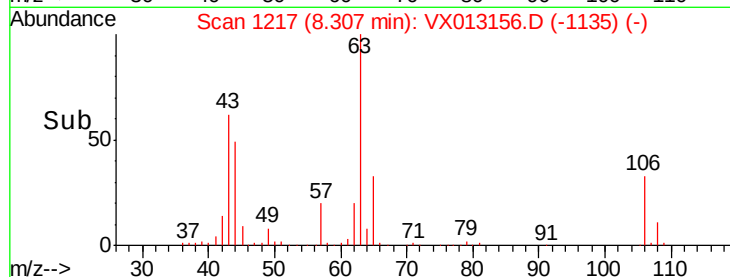
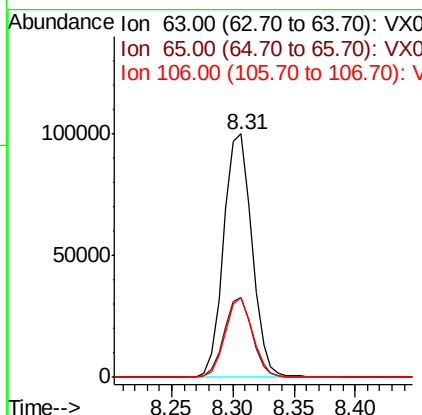
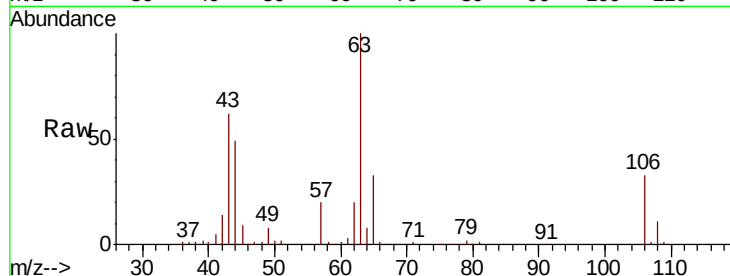




#55
2-Chloroethyl vinyl ether
Concen: 108.910 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

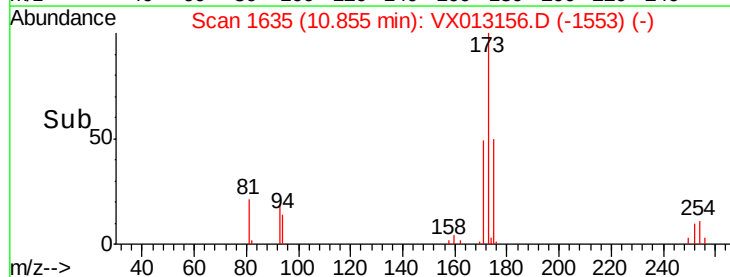
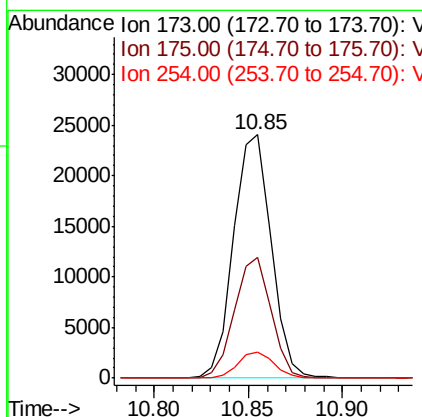
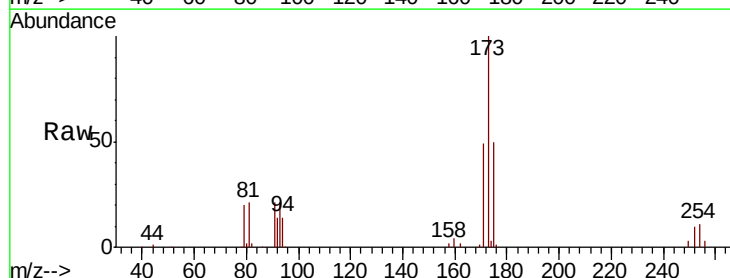
Instrument :
MSVOA_X
ClientSampled :
VX1021WBS01

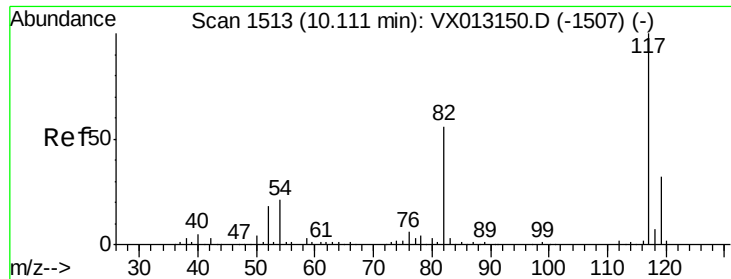
Tot Ion: 63 Resp: 160323
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 31.5 24.8 37.2



#56
Bromoform
Concen: 18.933 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 173 Resp: 33487
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.4
254 10.2 8.1 12.1

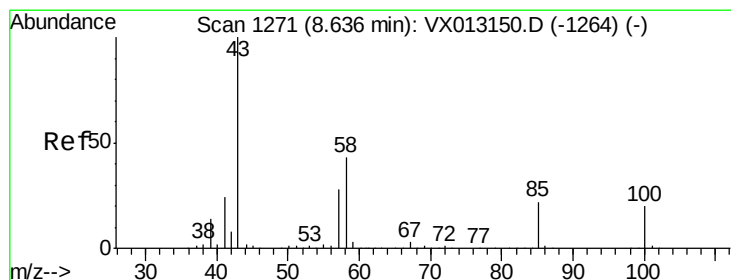
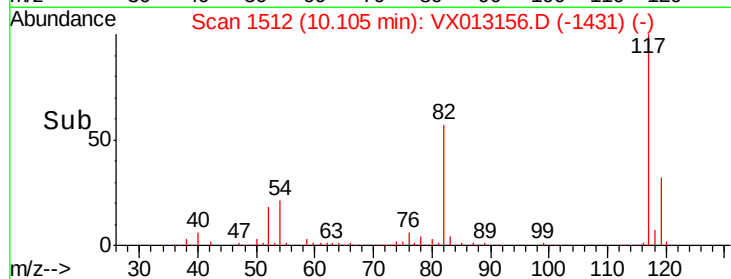
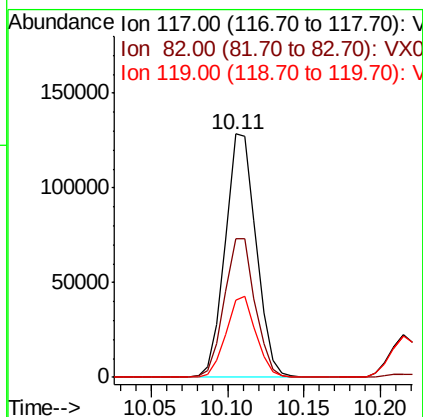
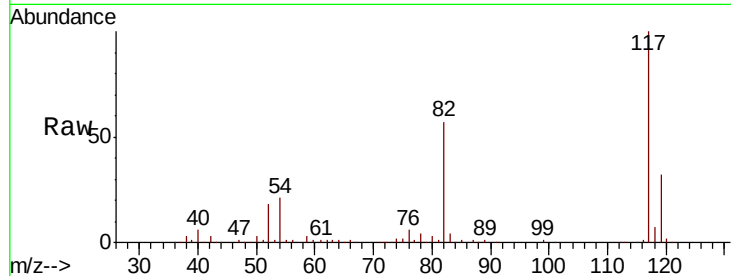




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

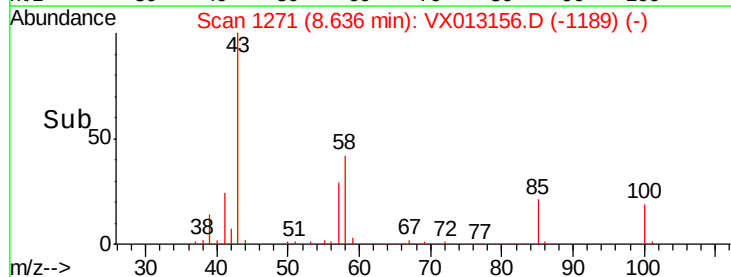
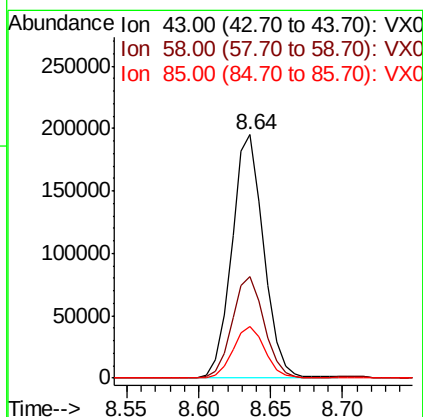
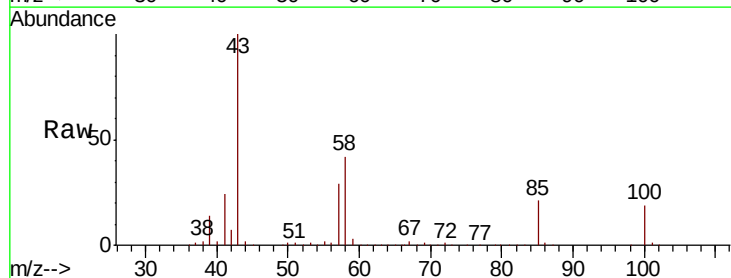
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

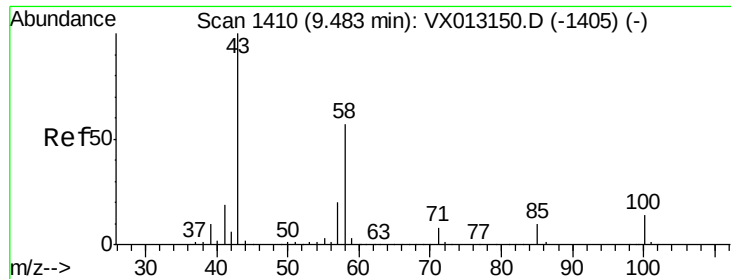
Tot Ion:117 Resp: 180423
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 32.0 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 98.829 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 43 Resp: 300458
Ion Ratio Lower Upper
43 100
58 42.0 33.8 50.8
85 21.2 16.8 25.2

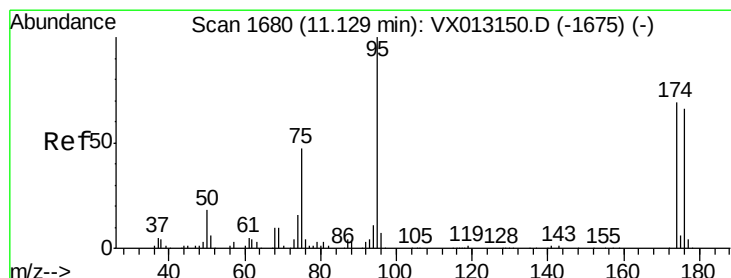
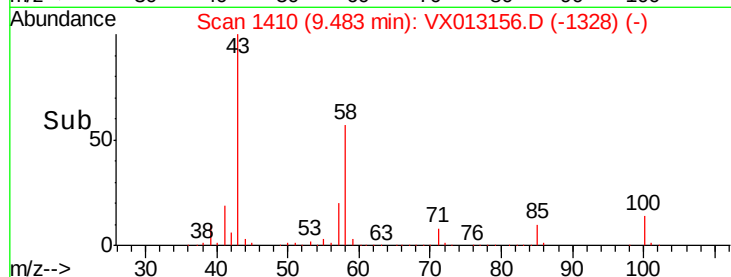
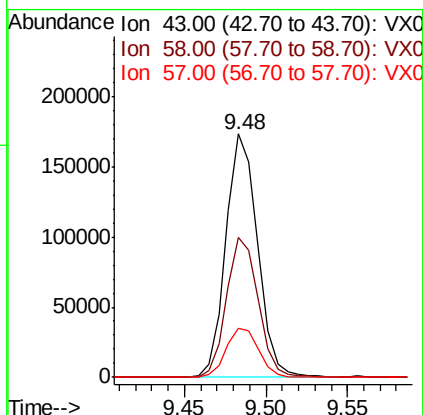
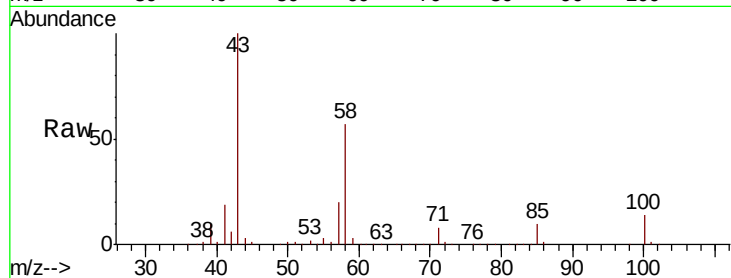




#59
2-Hexanone
Concen: 98.283 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

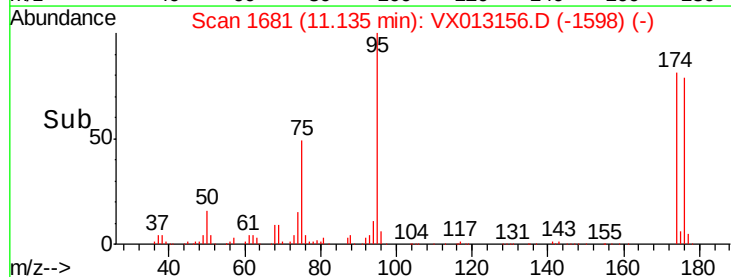
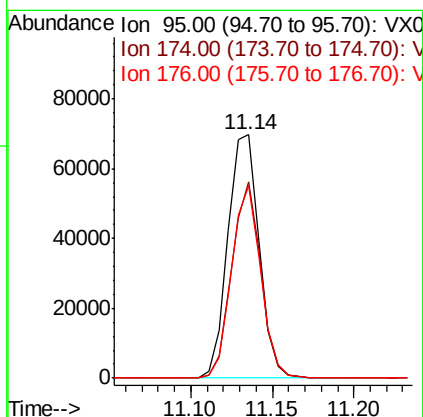
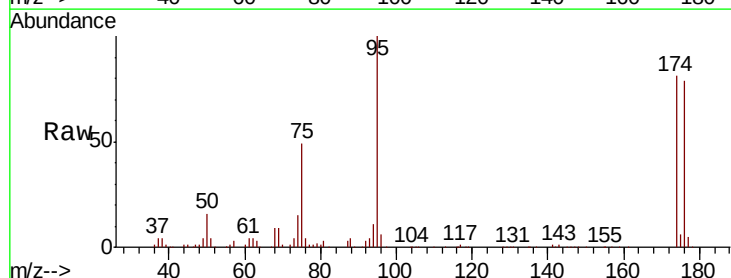
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

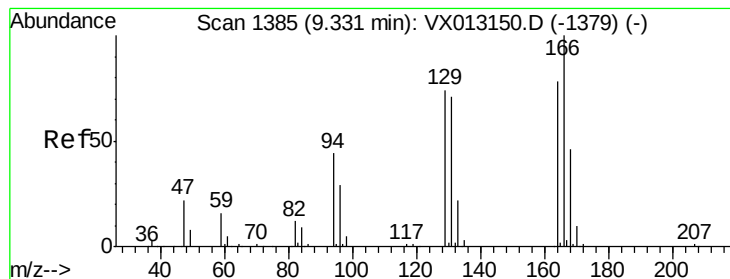
Tot Ion: 43 Resp: 234172
Ion Ratio Lower Upper
43 100
58 57.8 46.6 69.8
57 20.7 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 29.600 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 95 Resp: 92994
Ion Ratio Lower Upper
95 100
174 74.9 60.0 90.0
176 73.6 58.5 87.7





#61

Tetrachloroethene

Concen: 20.147 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tot Ion:164 Resp: 48190

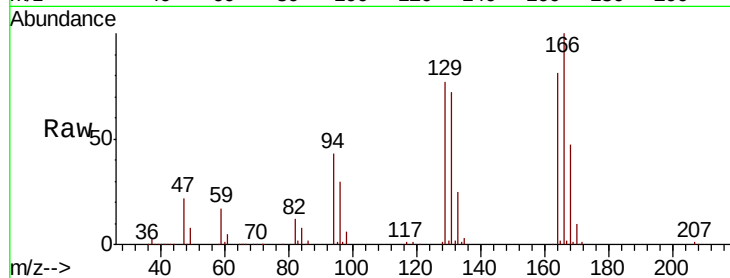
Ion Ratio Lower Upper

164 100

166 123.2 102.6 153.8

129 94.6 75.7 113.5

131 88.4 72.4 108.6

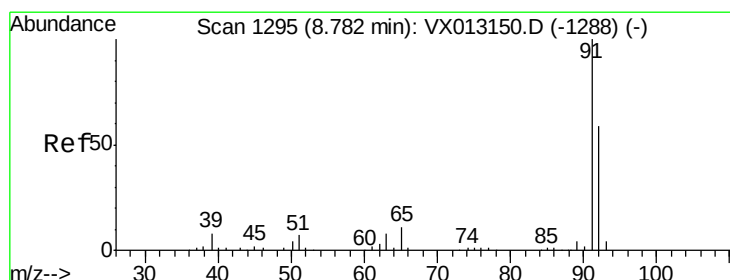
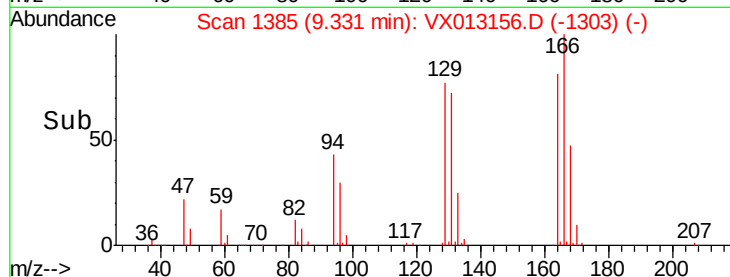
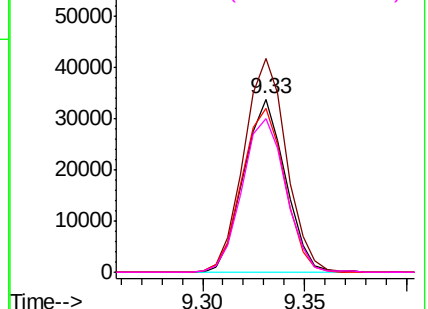


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.618 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013156.D

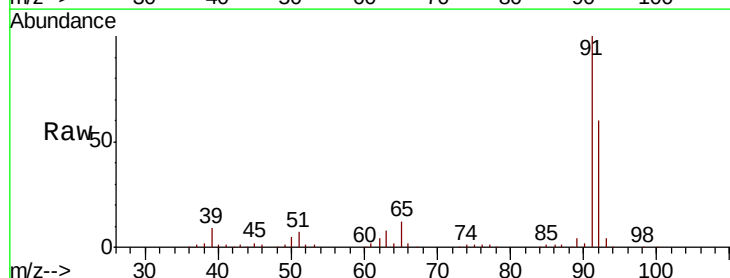
Acq: 21 Oct 2019 16:54

Tgt Ion: 91 Resp: 191079

Ion Ratio Lower Upper

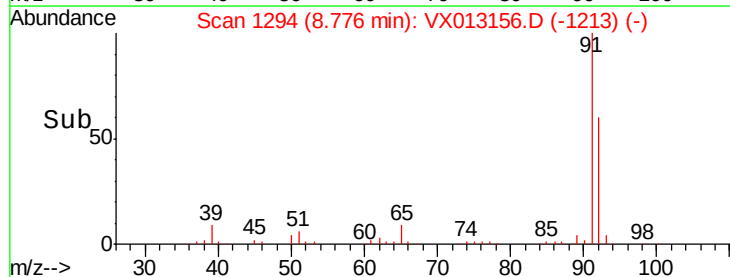
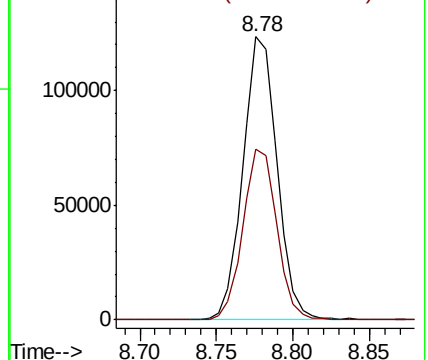
91 100

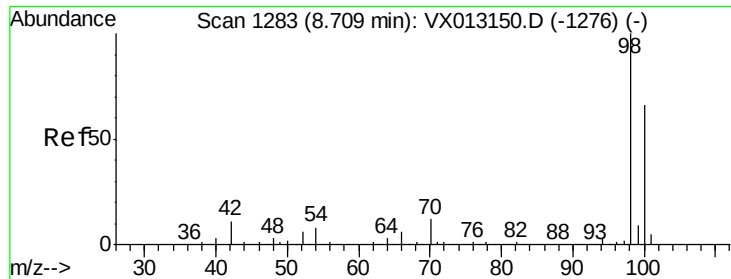
92 59.9 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.350 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

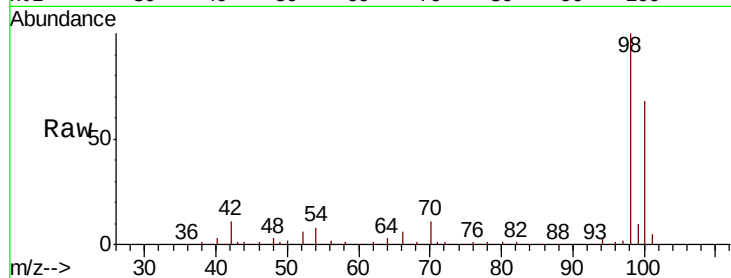
VX1021WBS01

Tot Ion: 98 Resp: 243549

Ion Ratio Lower Upper

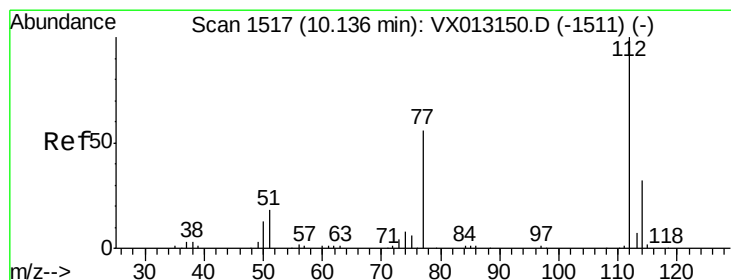
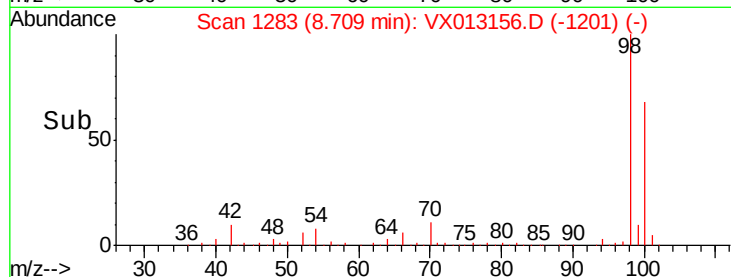
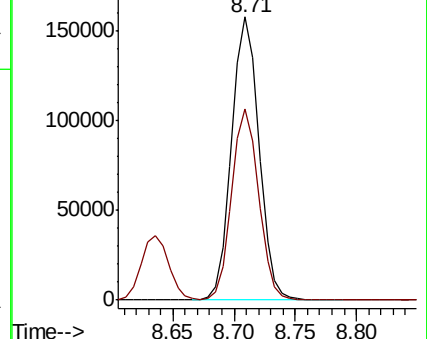
98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.738 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013156.D

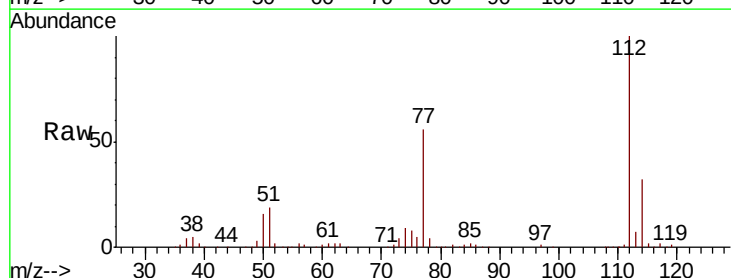
Acq: 21 Oct 2019 16:54

Tgt Ion: 112 Resp: 123261

Ion Ratio Lower Upper

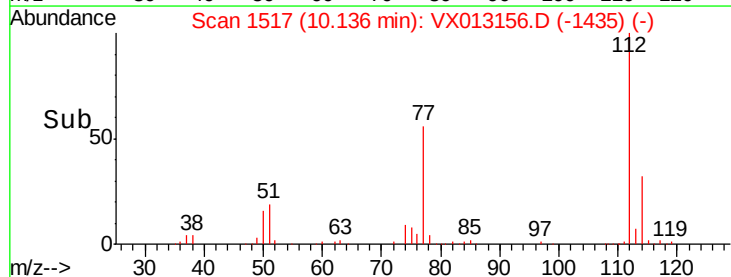
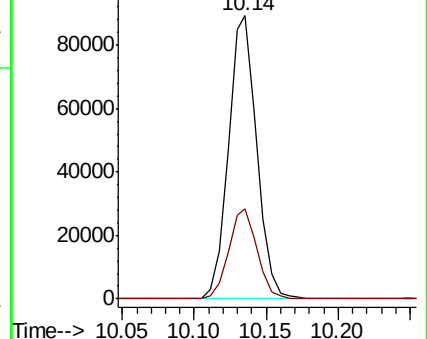
112 100

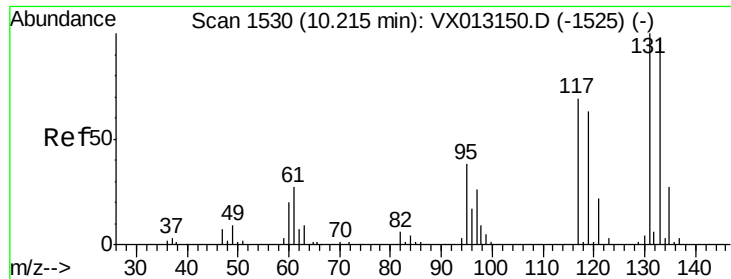
114 31.7 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.271 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

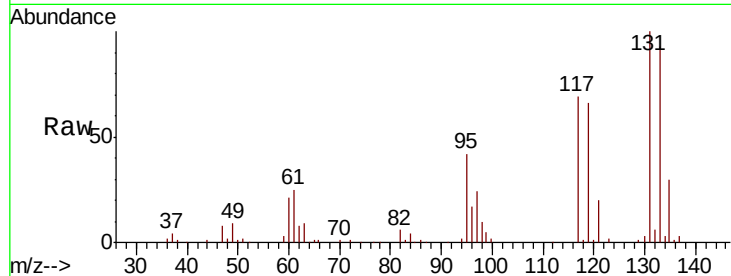
Tot Ion:131 Resp: 45083

Ion Ratio Lower Upper

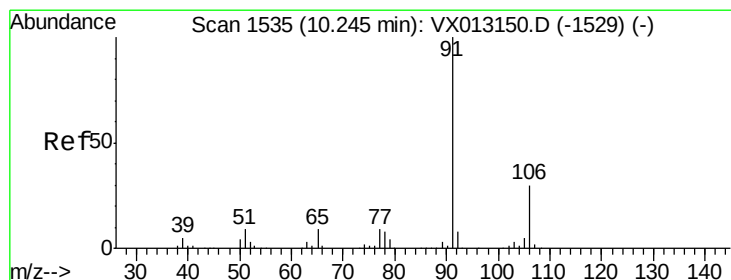
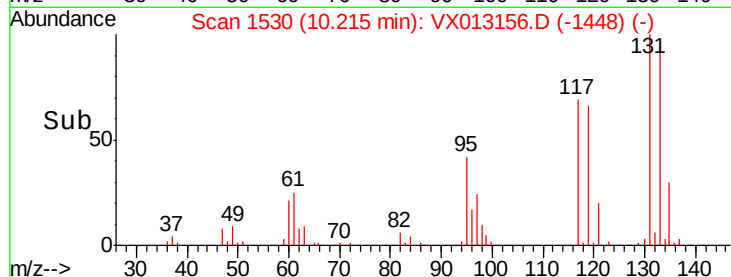
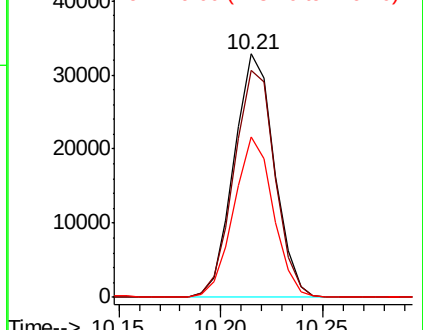
131 100

133 94.9 0.0 191.0

119 64.3 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: 19.441 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013156.D

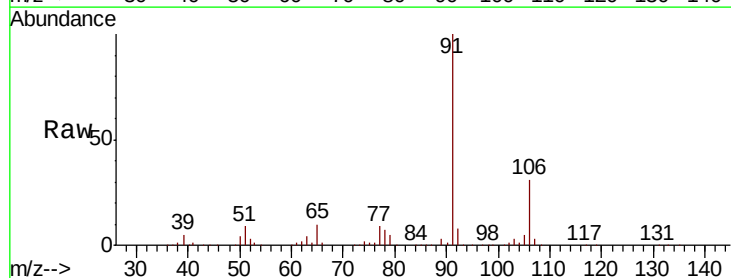
Acq: 21 Oct 2019 16:54

Tgt Ion: 91 Resp: 217935

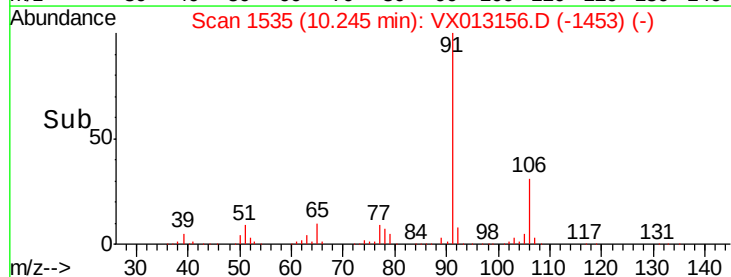
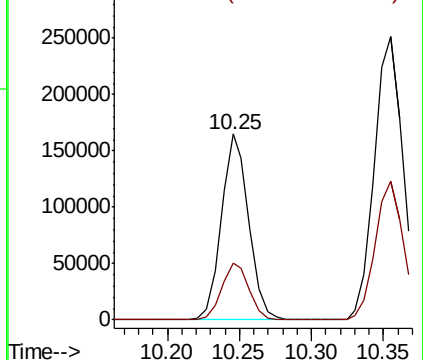
Ion Ratio Lower Upper

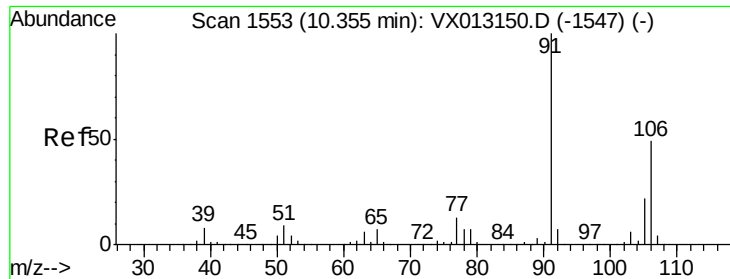
91 100

106 30.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

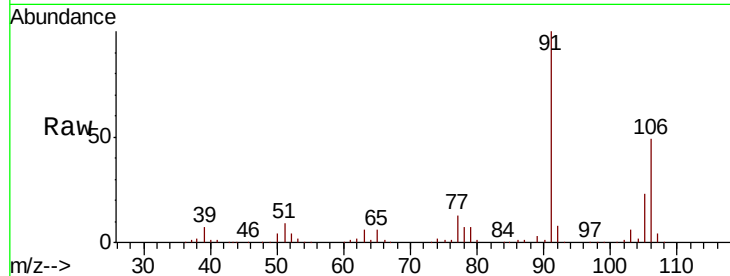




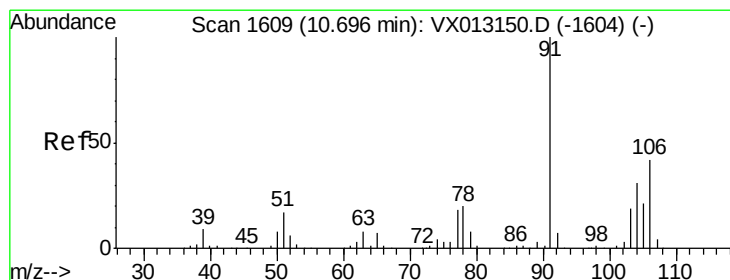
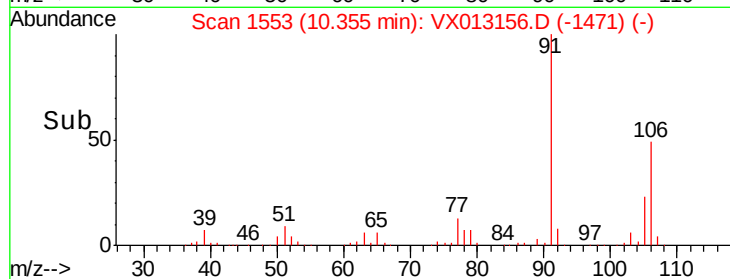
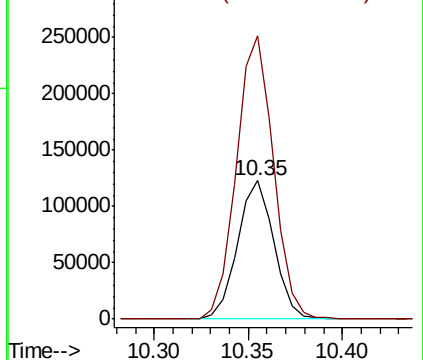
#67
m/p-Xylenes
Concen: 38.610 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Instrument :
MSVOA_X
ClientSampled :
VX1021WBS01

Tot Ion:106 Resp: 164494
Ion Ratio Lower Upper
106 100
91 207.6 163.7 245.5

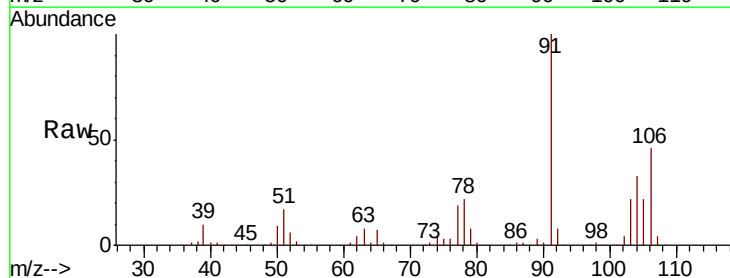


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

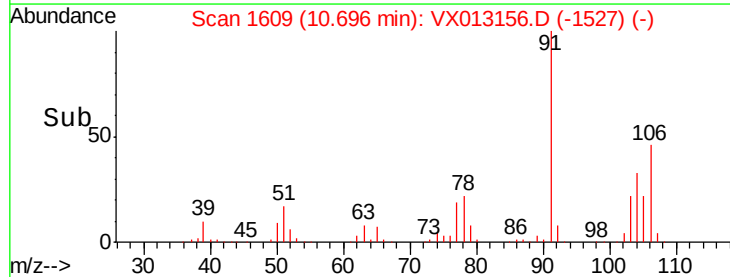
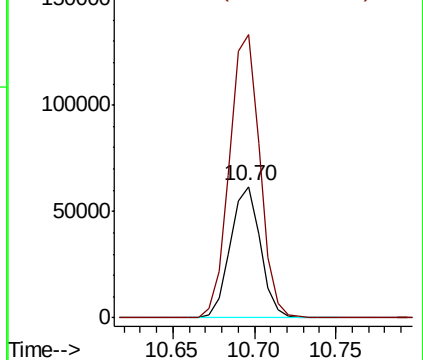


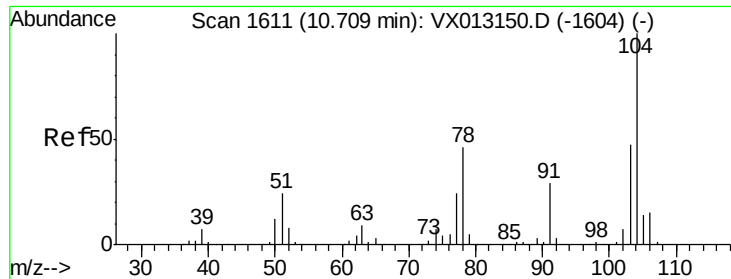
#68
o-Xylene
Concen: 19.502 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion:106 Resp: 79316
Ion Ratio Lower Upper
106 100
91 218.0 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

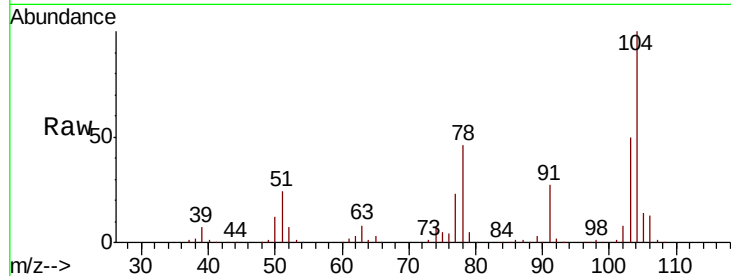




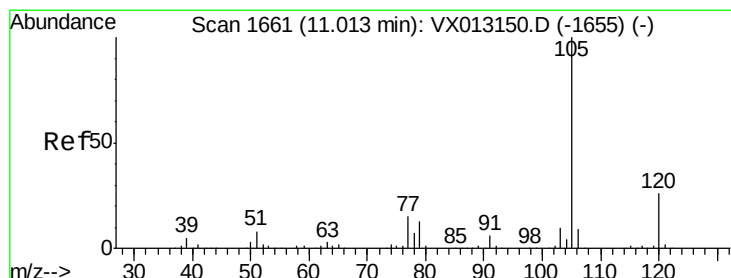
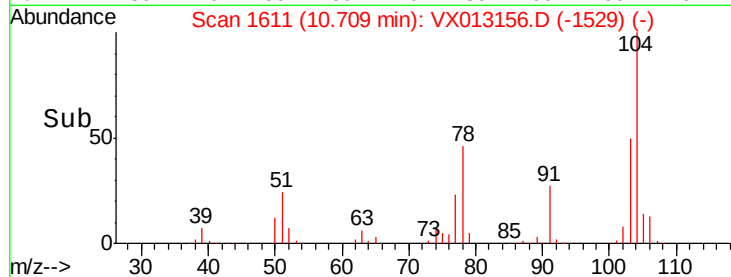
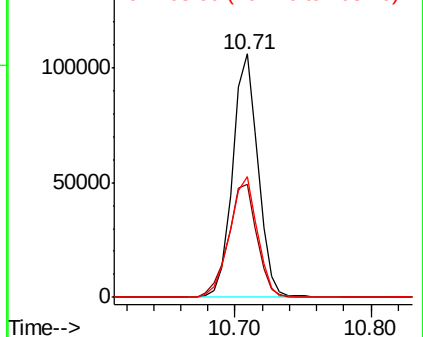
#69
Stvrene
Concen: 19.670 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Instrument :
MSVOA_X
ClientSampled :
VX1021WBS01

Tot Ion:104 Resp: 137671
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 53.7 42.2 63.2

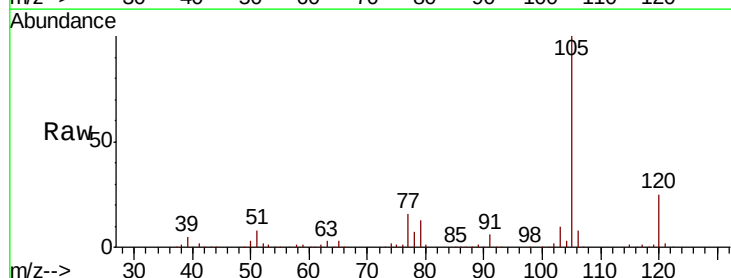


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

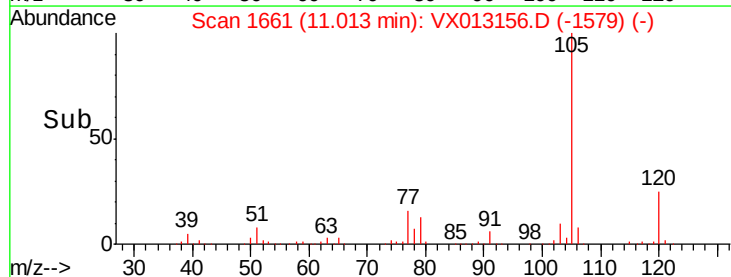
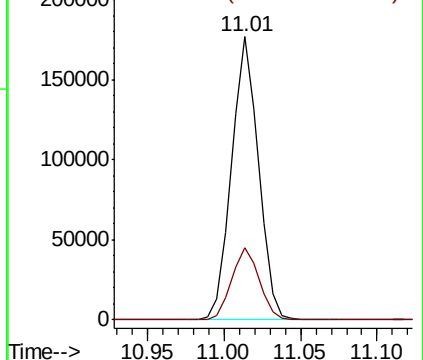


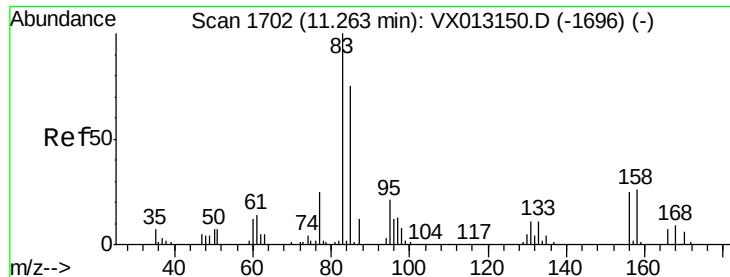
#70
Isopropylbenzene
Concen: 19.356 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion:105 Resp: 216012
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.7



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

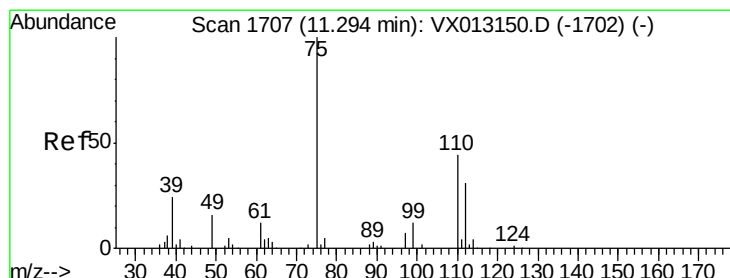
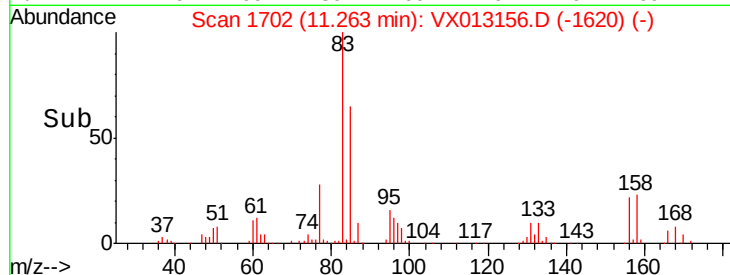
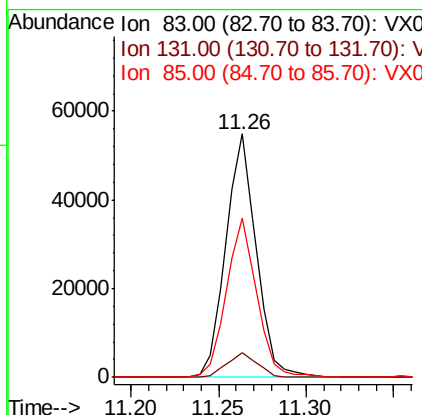
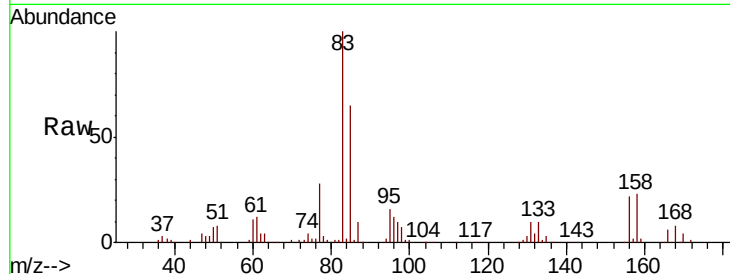




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.496 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

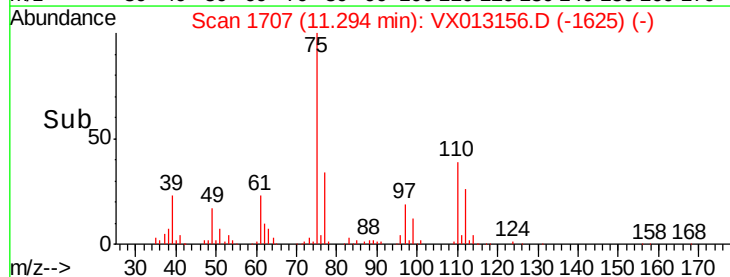
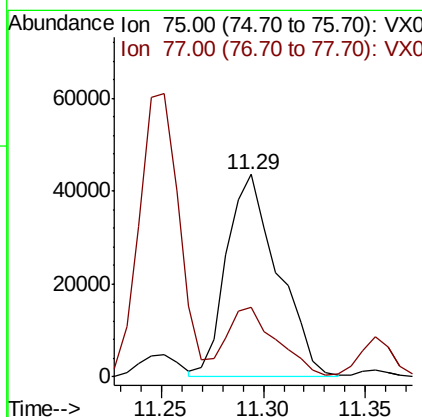
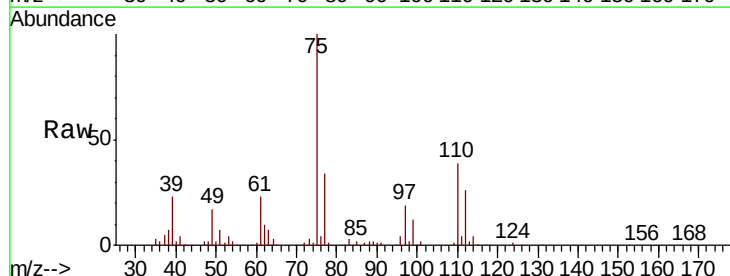
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

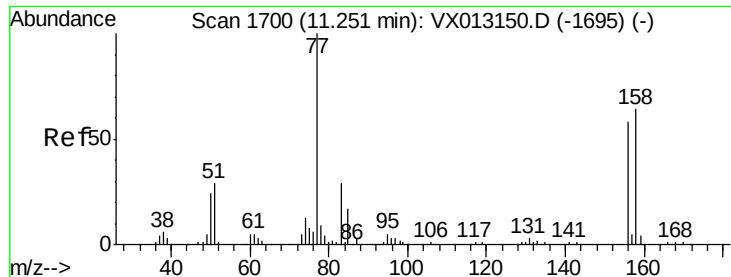
Tot Ion: 83 Resp: 66672
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.5 16.4
 85 65.4 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 25.716 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion: 75 Resp: 76381
 Ion Ratio Lower Upper
 75 100
 77 33.7 0.0 74.0





#73

Bromobenzene

Concen: 19.347 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

VX1021WBS01

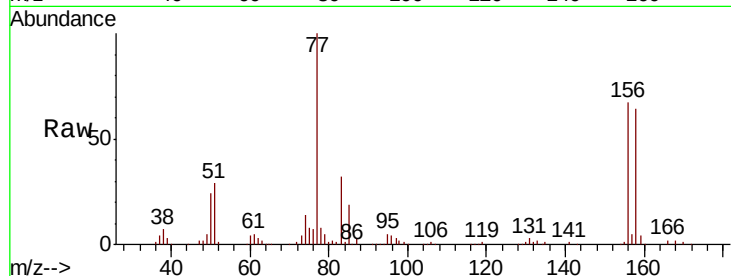
Tot Ion:156 Resp: 51816

Ion Ratio Lower Upper

156 100

77 159.3 0.0 328.0

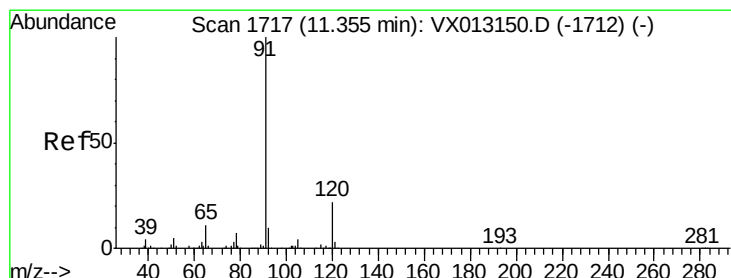
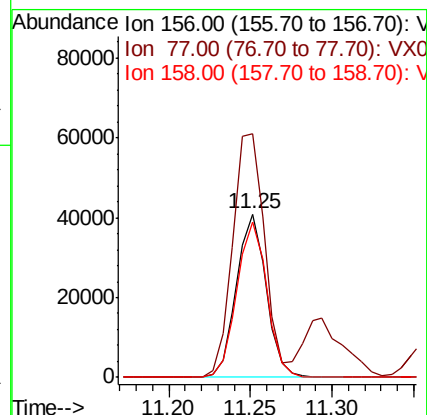
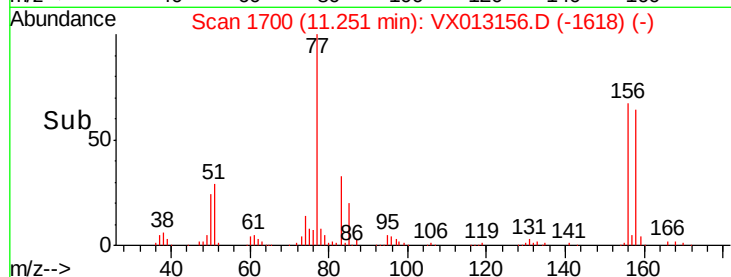
158 96.2 0.0 196.2



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



#74

n-propylbenzene

Concen: 19.485 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013156.D

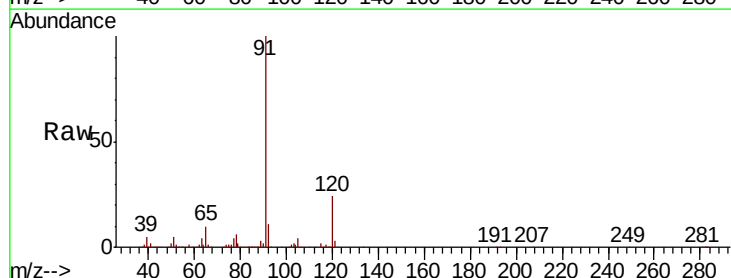
Acq: 21 Oct 2019 16:54

Tgt Ion: 91 Resp: 238677

Ion Ratio Lower Upper

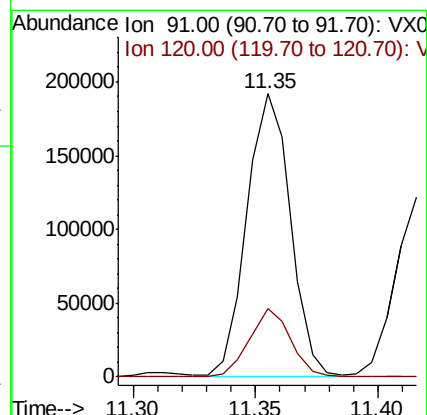
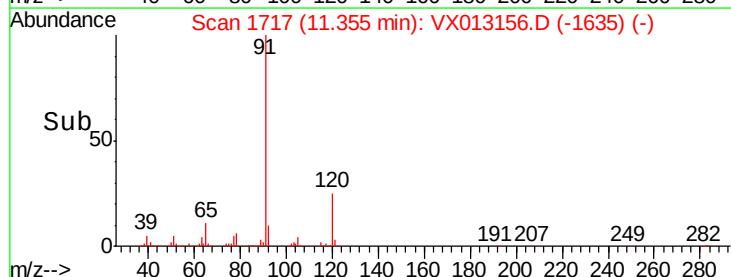
91 100

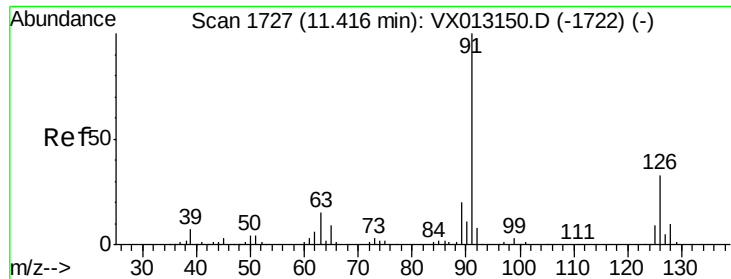
120 22.6 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.002 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

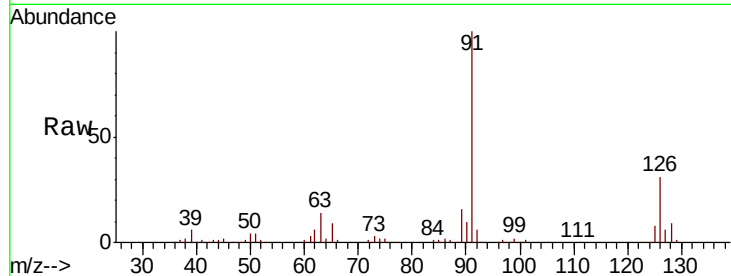
VX1021WBS01

Tot Ion: 91 Resp: 145642

Ion Ratio Lower Upper

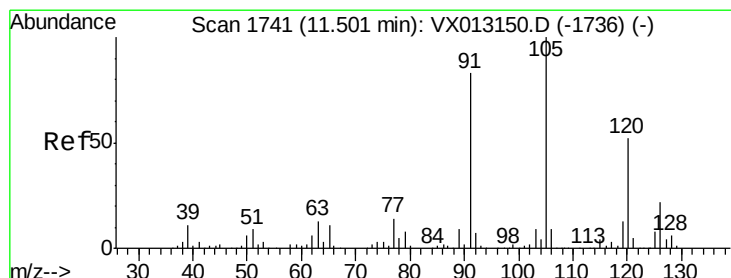
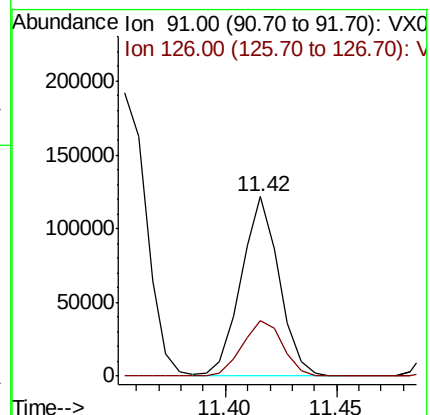
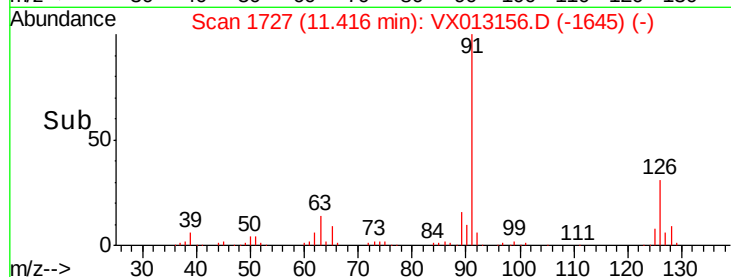
91 100

126 32.9 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.272 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013156.D

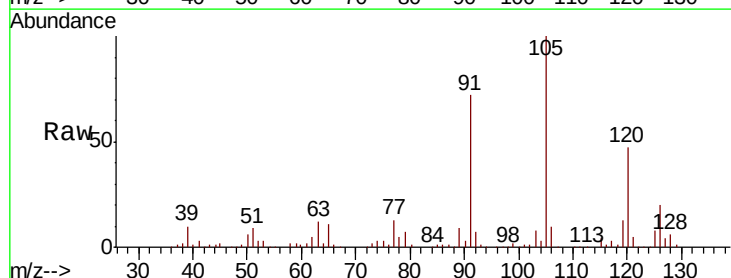
Acq: 21 Oct 2019 16:54

Tgt Ion:105 Resp: 180543

Ion Ratio Lower Upper

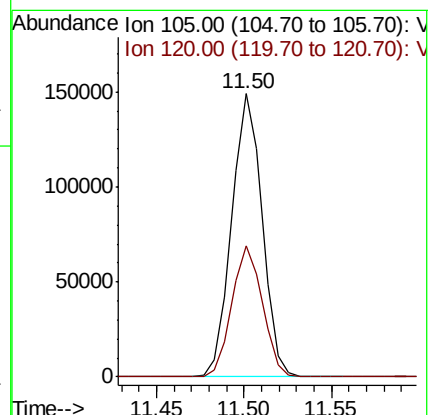
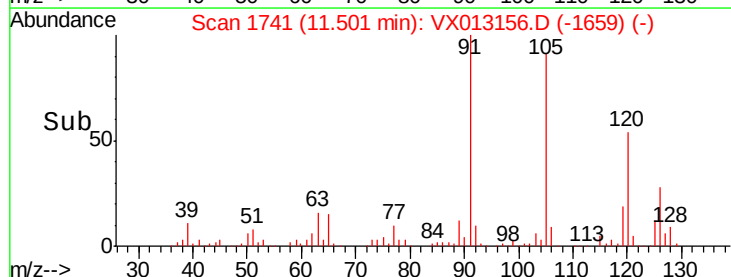
105 100

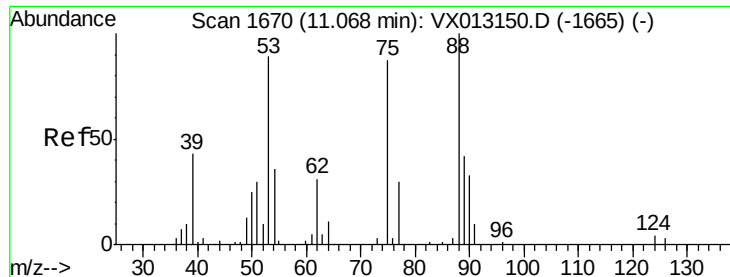
120 46.5 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.809 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013156.D

Acq: 21 Oct 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

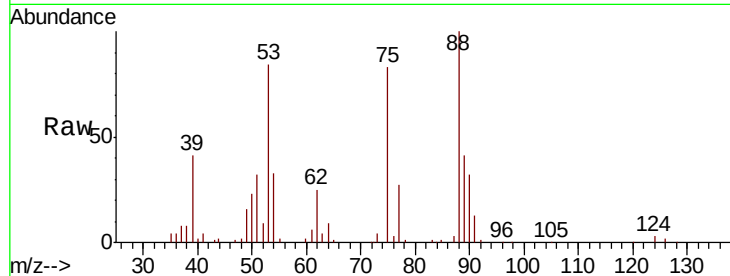
Tot Ion: 75 Resp: 20538

Ion Ratio Lower Upper

75 100

53 100.4 51.1 153.4

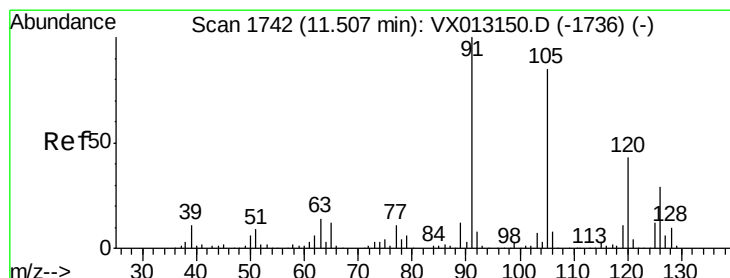
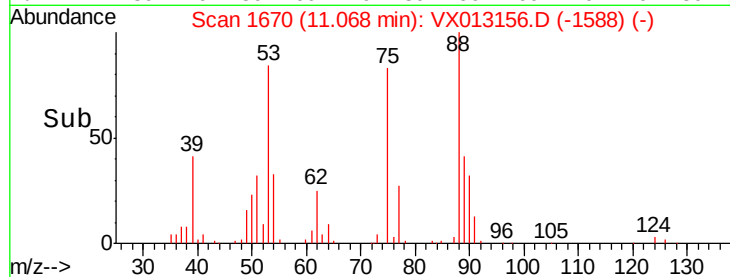
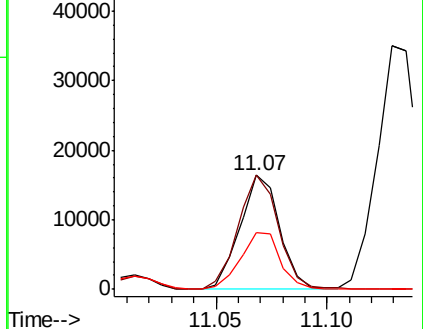
89 49.8 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.536 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013156.D

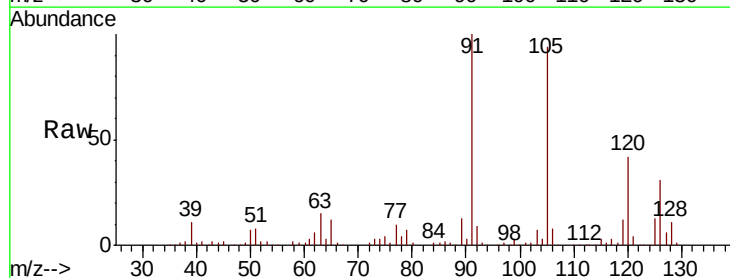
Acq: 21 Oct 2019 16:54

Tgt Ion: 91 Resp: 162341

Ion Ratio Lower Upper

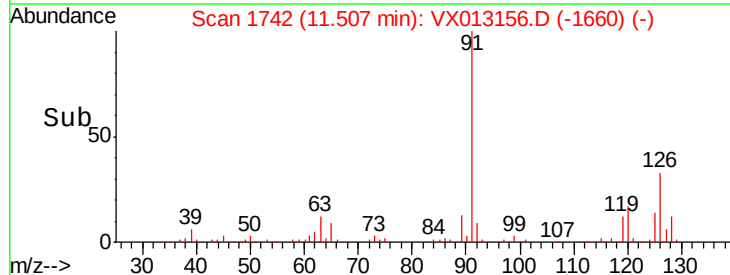
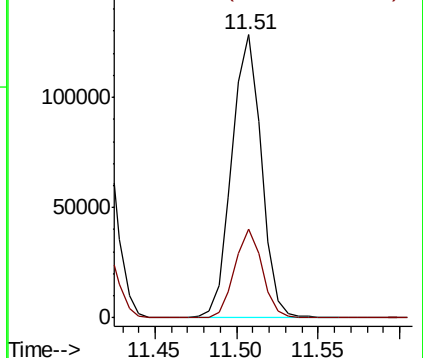
91 100

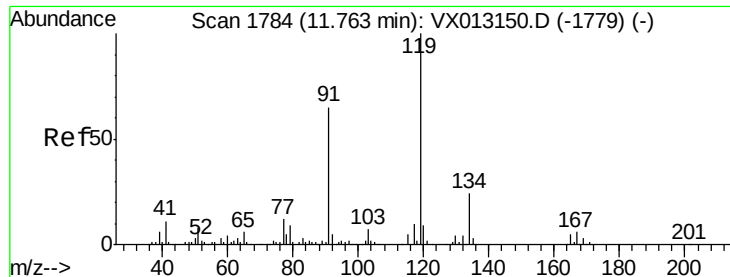
126 29.2 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

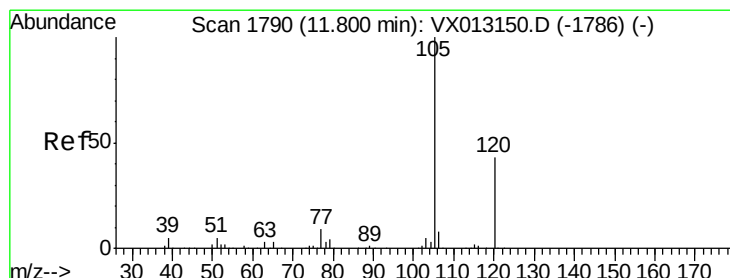
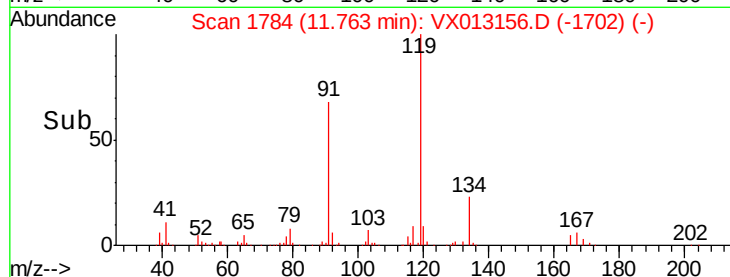
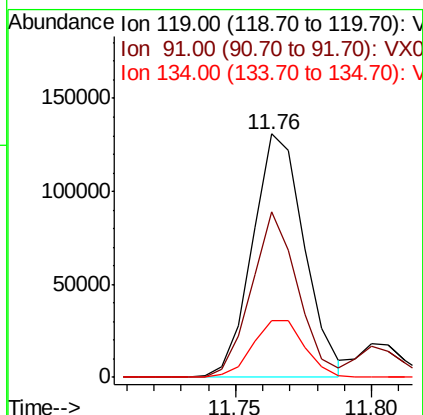
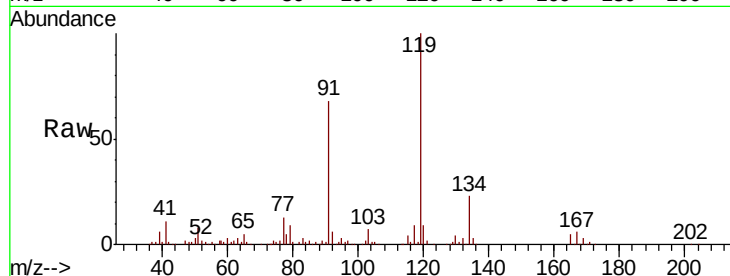




#79
tert-butylbenzene
Concen: 19.176 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

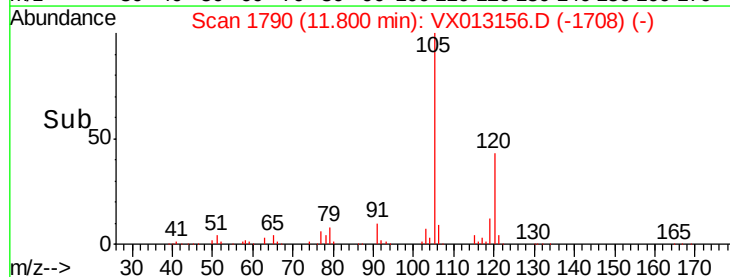
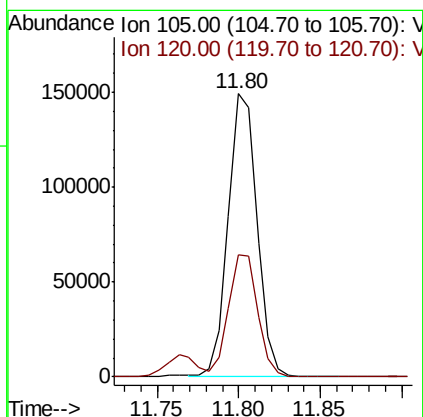
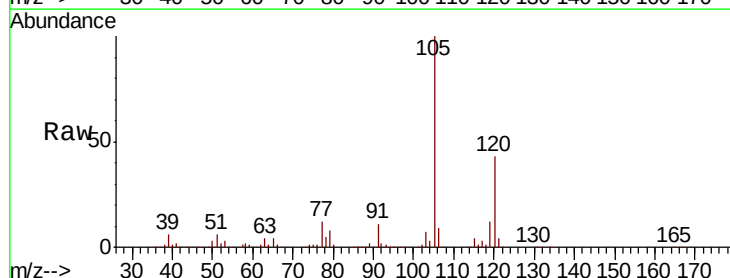
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

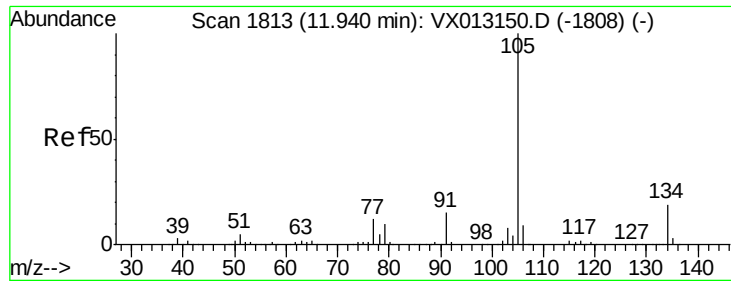
Tot Ion:119 Resp: 172983
Ion Ratio Lower Upper
119 100
91 61.0 0.0 128.4
134 23.4 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 19.648 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion:105 Resp: 183878
Ion Ratio Lower Upper
105 100
120 43.4 0.0 87.4

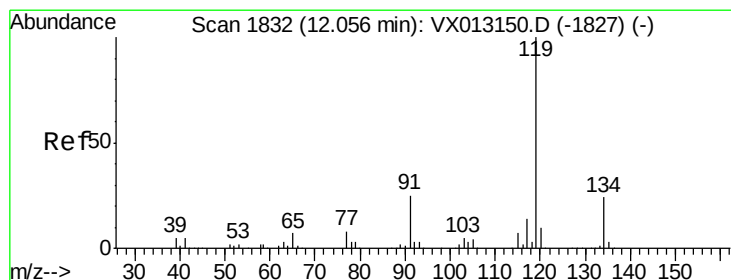
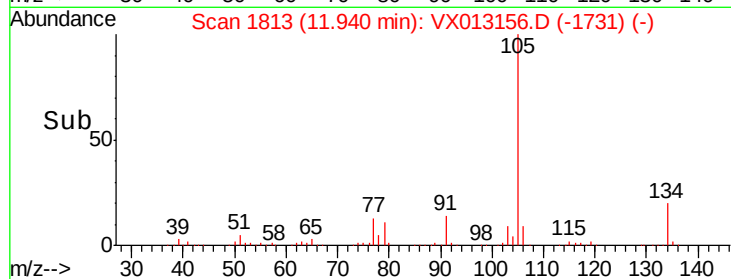
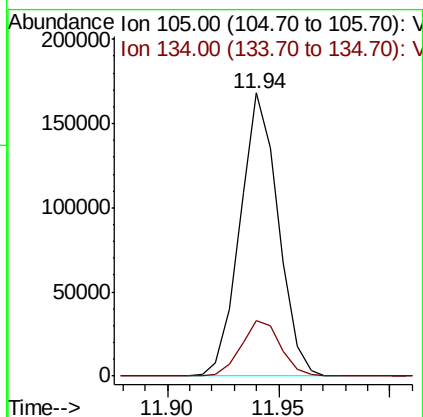
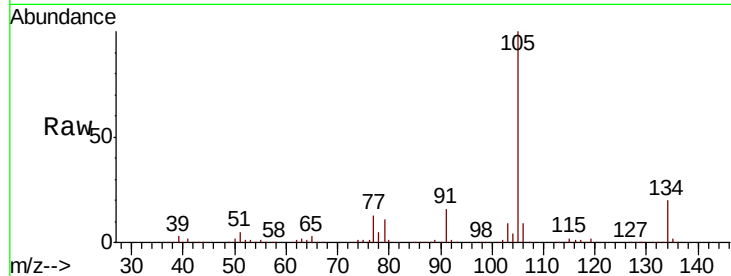




#81
 sec-Butylbenzene
 Concen: 18.752 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

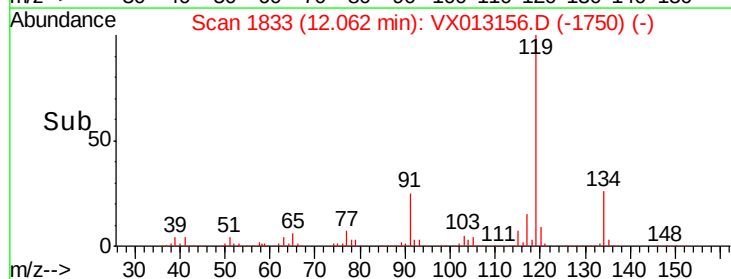
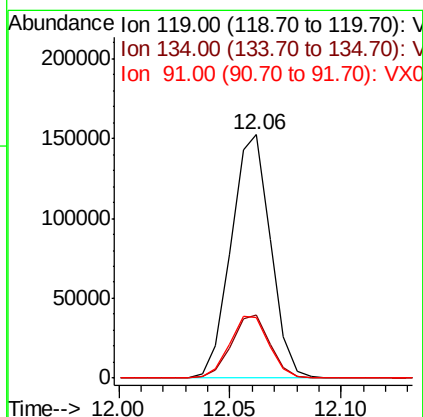
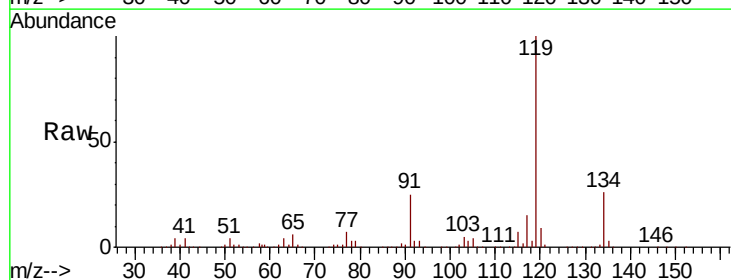
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

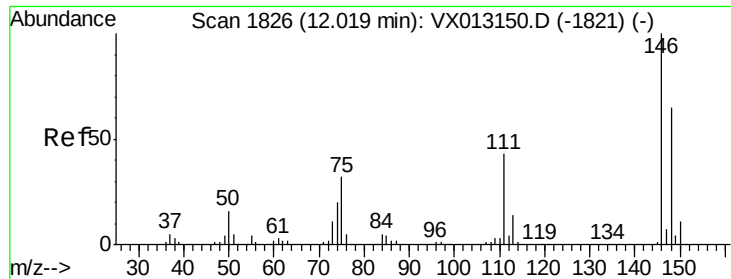
Tot Ion:105 Resp: 201518
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 19.054 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion:119 Resp: 187220
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.6
 91 25.7 0.0 50.0

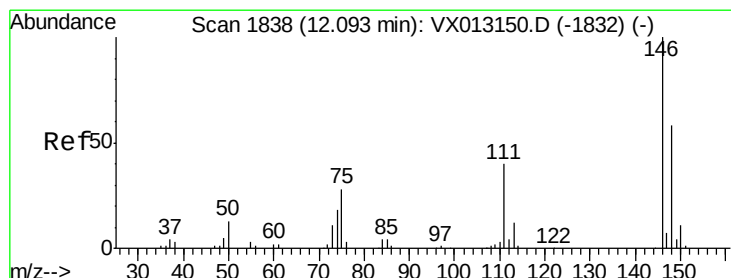
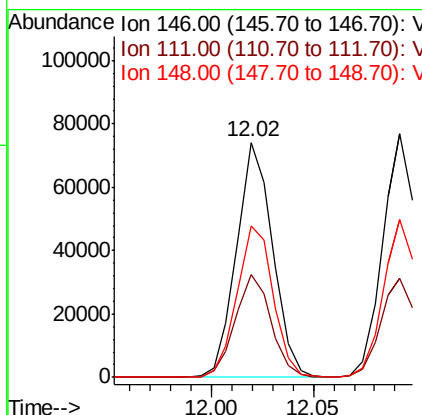
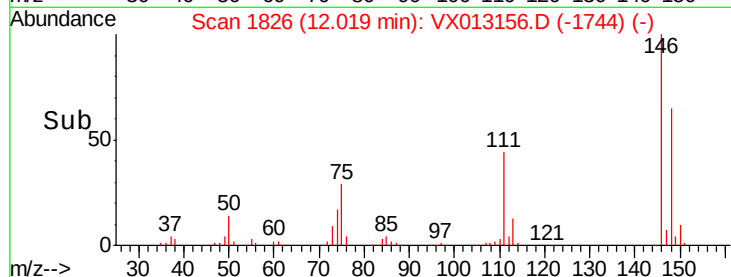
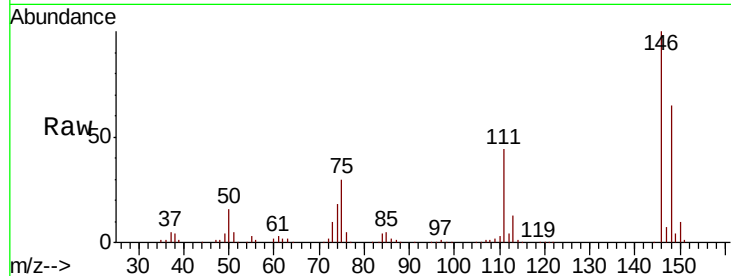




#83
 1,3-Dichlorobenzene
 Concen: 18.584 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

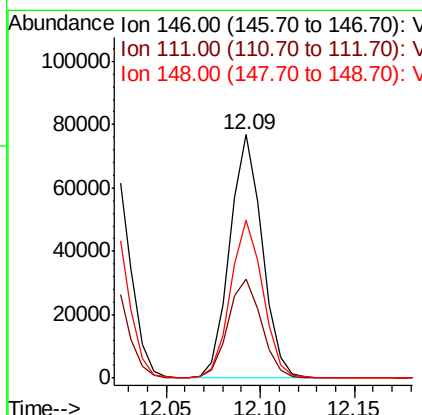
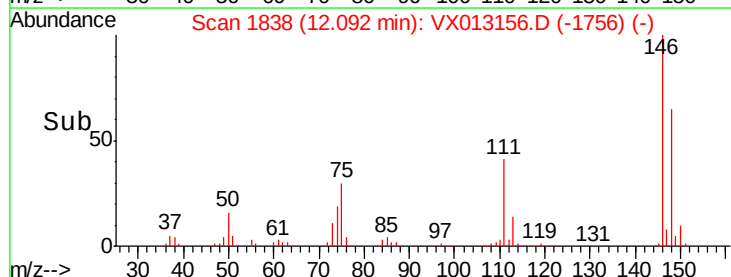
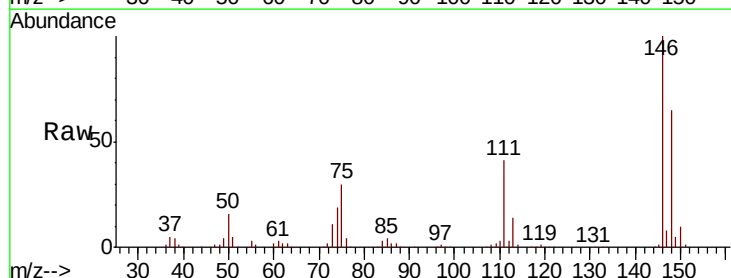
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

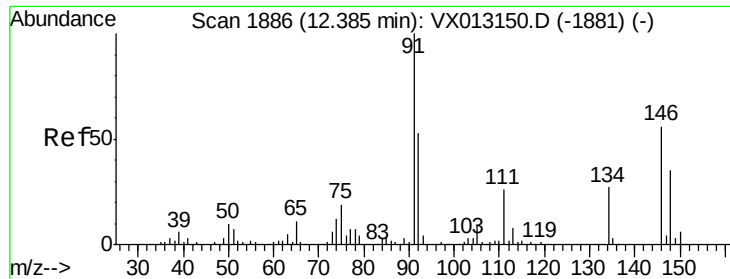
Tot Ion:146 Resp: 90895
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.8 65.4
 148 64.9 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 18.997 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion:146 Resp: 91894
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 64.7 31.4 94.2

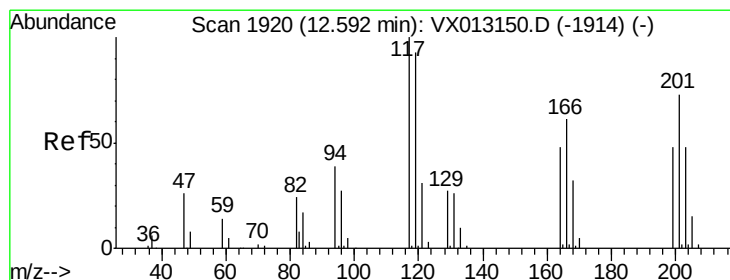
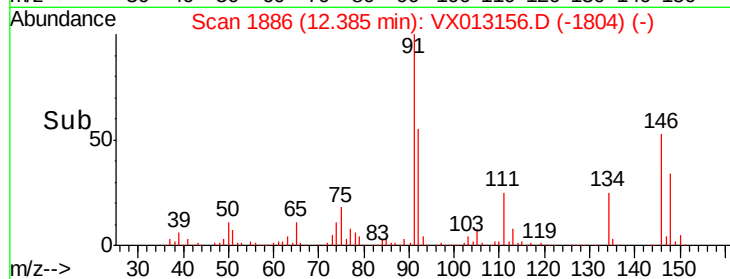
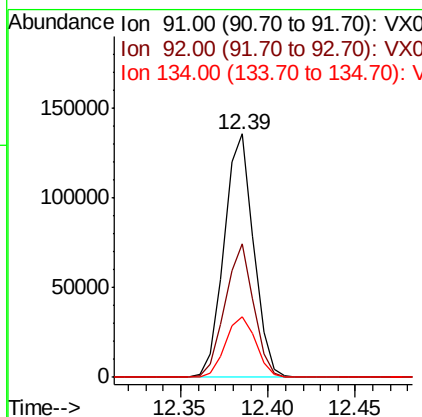
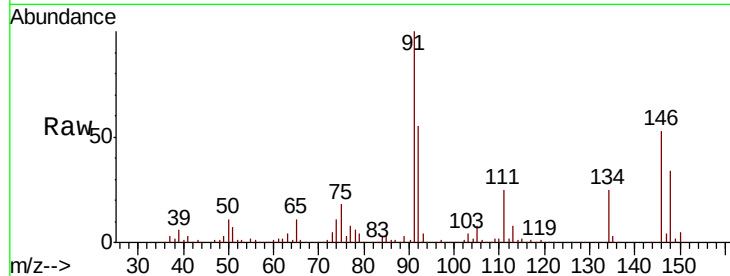




#85
n-Butylbenzene
Concen: 19.088 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

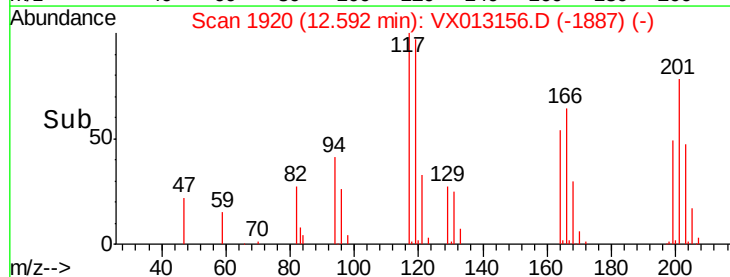
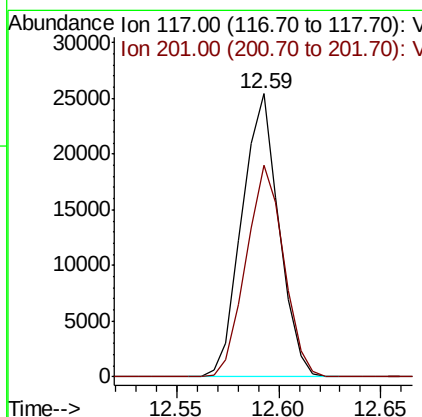
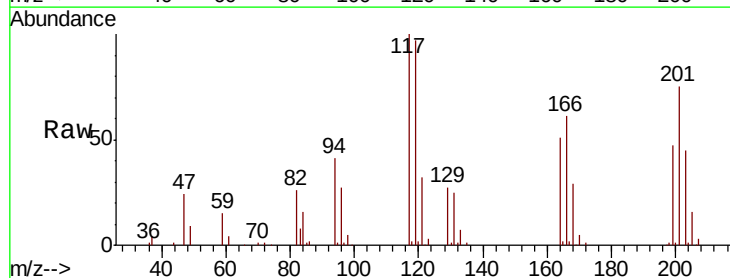
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

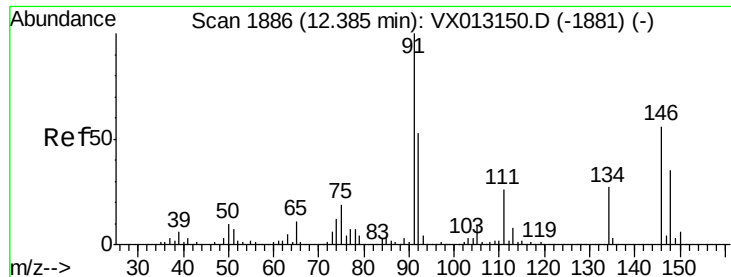
Tot Ion: 91 Resp: 159312
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.8
134 25.7 0.0 52.4



#86
Hexachloroethane
Concen: 18.685 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion: 117 Resp: 32044
Ion Ratio Lower Upper
117 100
201 76.3 35.9 107.5

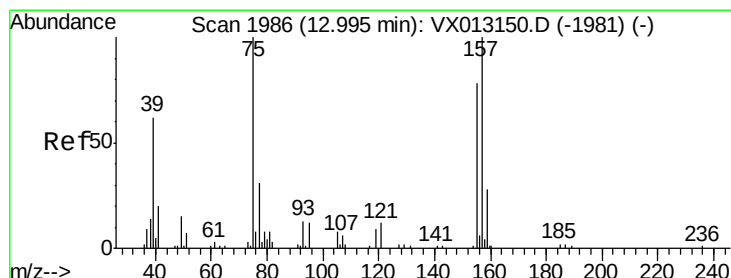
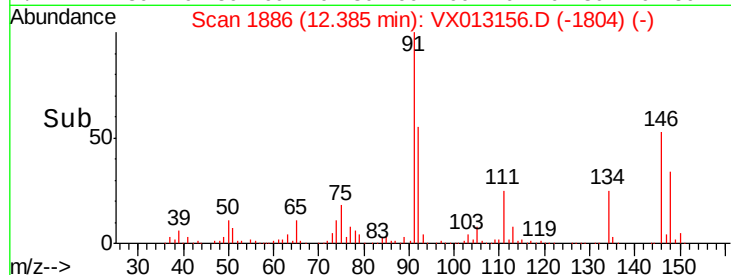
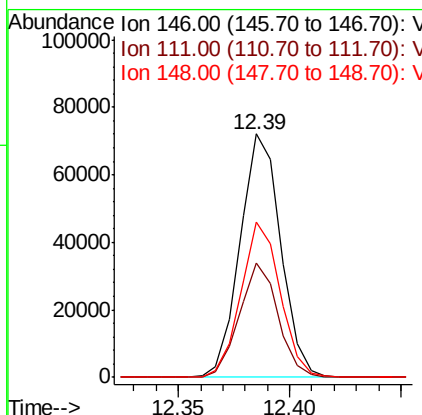
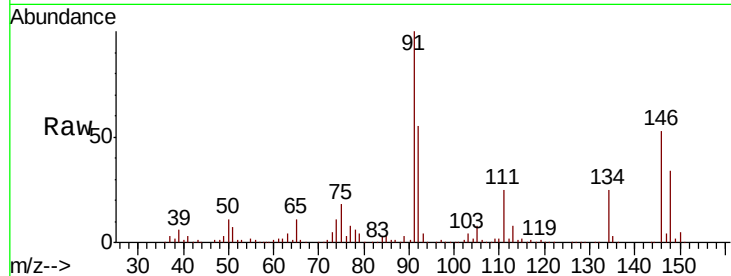




#87
 1,2-Dichlorobenzene
 Concen: 19.353 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

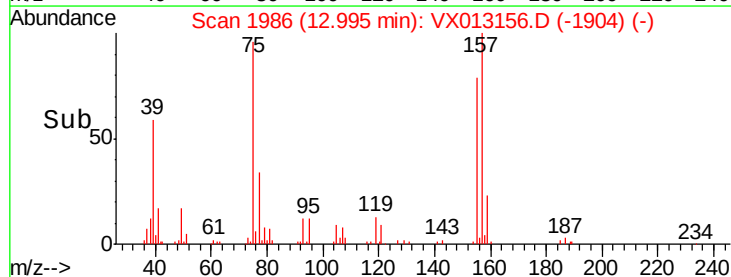
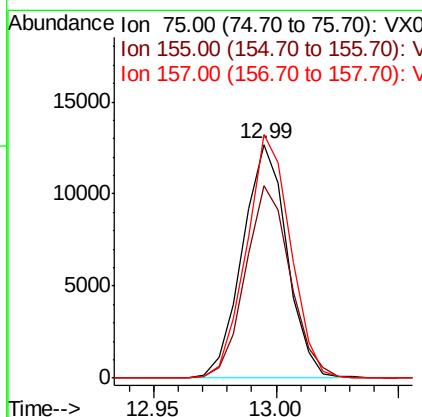
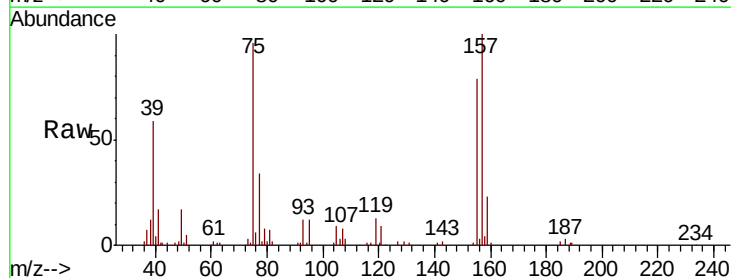
Instrument :
 MSVOA_X
 ClientSampled :
 VX1021WBS01

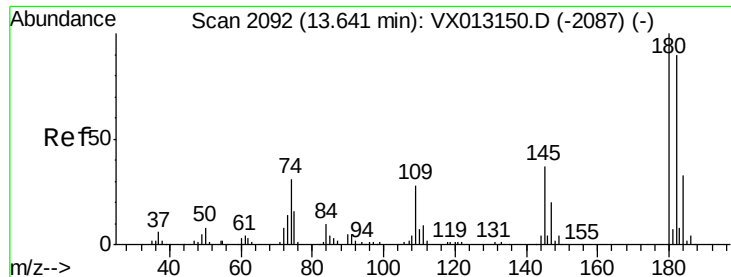
Tot Ion:146 Resp: 91821
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.5 67.5
 148 62.1 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.991 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013156.D
 Acq: 21 Oct 2019 16:54

Tgt Ion: 75 Resp: 16003
 Ion Ratio Lower Upper
 75 100
 155 82.9 65.4 98.0
 157 103.7 84.1 126.1

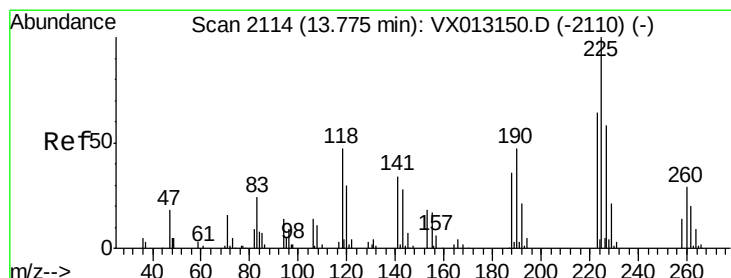
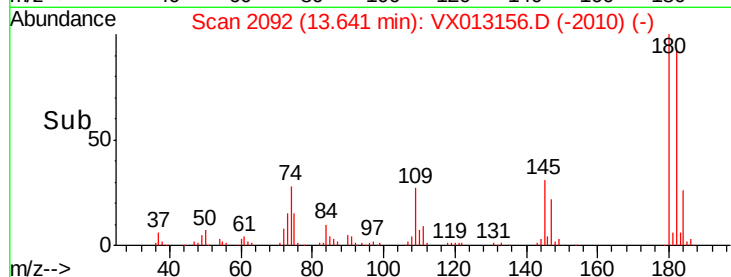
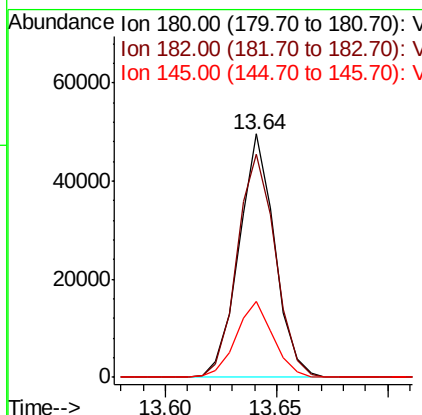
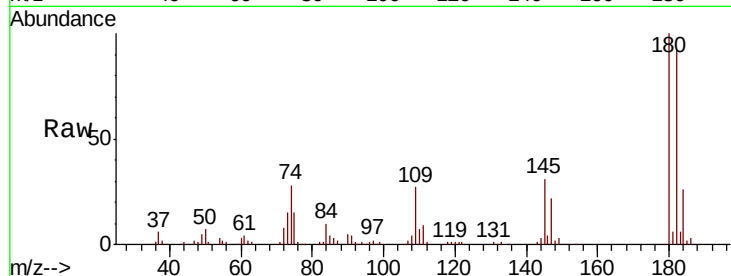




#89
1,2,4-Trichlorobenzene
Concen: 18.846 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

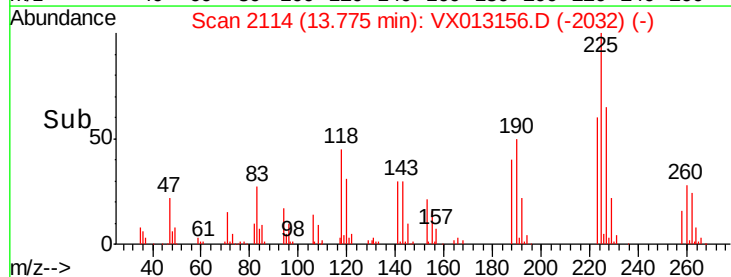
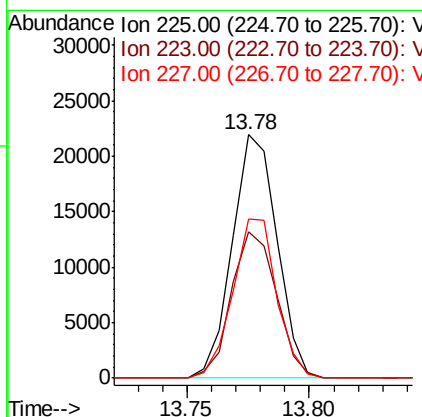
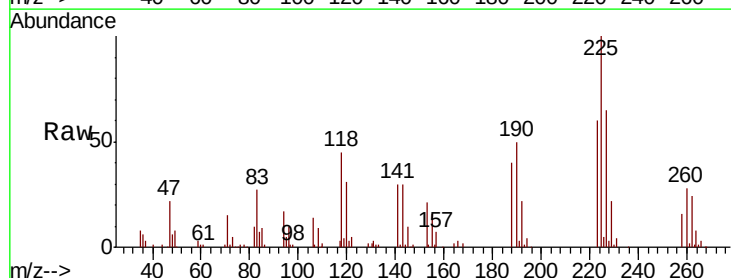
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

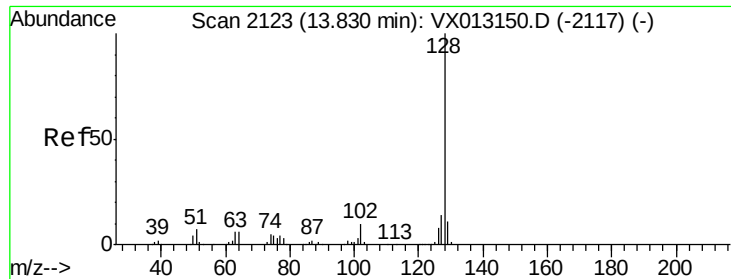
Tot Ion:180 Resp: 55610
Ion Ratio Lower Upper
180 100
182 97.8 76.1 114.1
145 32.4 27.4 41.2



#90
Hexachlorobutadiene
Concen: 18.670 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion:225 Resp: 27971
Ion Ratio Lower Upper
225 100
223 60.5 0.0 131.2
227 64.2 0.0 127.0

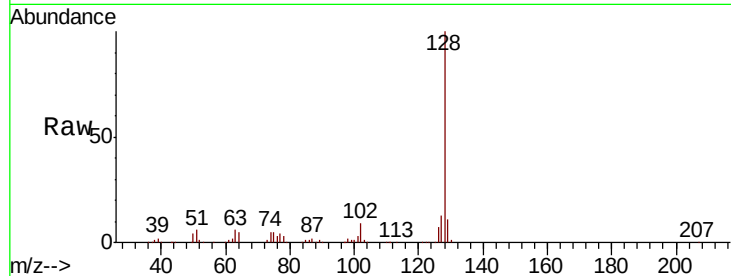




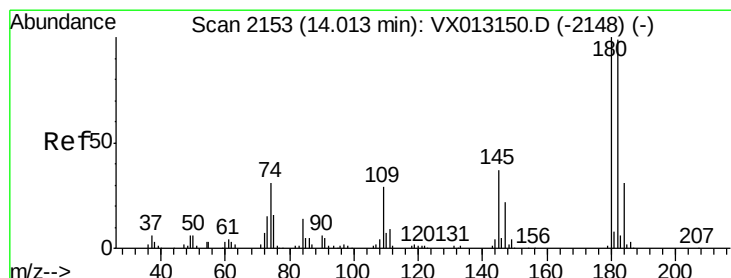
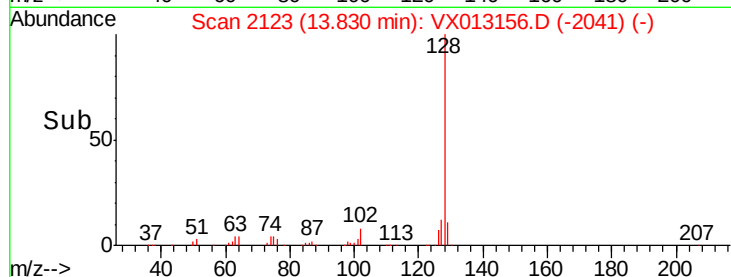
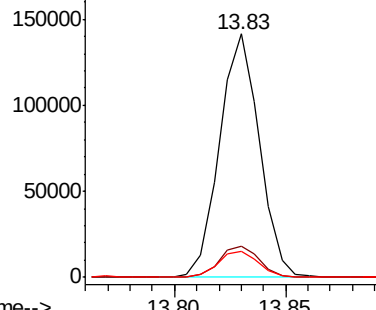
#91
Naphthalene
Concen: 18.335 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tot Ion:128 Resp: 175982
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.6 12.8

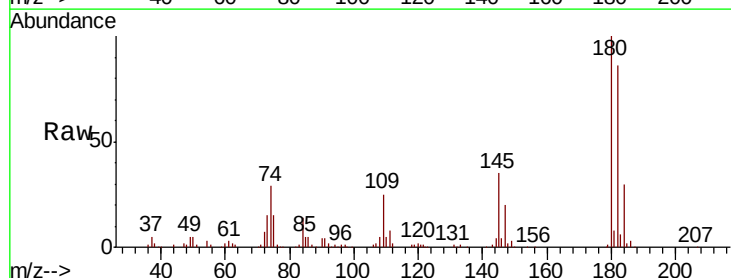


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 19.461 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013156.D
Acq: 21 Oct 2019 16:54

Tgt Ion:180 Resp: 58834
Ion Ratio Lower Upper
180 100
182 90.9 0.0 194.4
145 33.7 0.0 71.2



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

