

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015284.D
 Acq On : 16 Mar 2020 11:15
 Operator : JC/SP
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Quant Time: Mar 17 07:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	295838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	431520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210112	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	150250	42.81	ug/l	0.00
Spiked Amount			Recovery	=	85.62%	
35) Dibromofluoromethane	5.48	113	130450	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	498077	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	180840	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	44617	17.223	ug/l	98
3) Chloromethane	1.31	50	59969	16.342	ug/l	100
4) Vinyl Chloride	1.40	62	59584	16.013	ug/l	98
5) Bromomethane	1.64	94	38359	16.768	ug/l	100
6) Chloroethane	1.72	64	37935	16.995	ug/l	98
7) Trichlorofluoromethane	1.92	101	77274	17.453	ug/l	96
8) Diethyl Ether	2.18	74	34927	17.417	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50698	18.200	ug/l	97
10) Methyl Iodide	2.50	142	47895	15.219	ug/l	99
11) Tert butyl alcohol	3.03	59	55545	91.216	ug/l	100
12) 1,1-Dichloroethene	2.37	96	50662	17.622	ug/l	99
13) Acrolein	2.28	56	46474	81.212	ug/l	100
14) Allyl chloride	2.72	41	96421	19.235	ug/l	95
15) Acrylonitrile	3.13	53	146107	96.345	ug/l	99
16) Acetone	2.43	43	134773	94.819	ug/l	98
17) Carbon Disulfide	2.56	76	129787	16.256	ug/l	99
18) Methyl Acetate	2.76	43	66967	19.268	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	168874	18.798	ug/l	98
20) Methylene Chloride	2.85	84	59984	18.033	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	56195	18.306	ug/l	96
22) Diisopropyl ether	3.84	45	197006	19.726	ug/l	98
23) Vinyl Acetate	3.80	43	795101	96.851	ug/l	98
24) 1,1-Dichloroethane	3.69	63	103044	18.590	ug/l	99
25) 2-Butanone	4.65	43	202552	97.339	ug/l	98
26) 2,2-Dichloropropane	4.57	77	79449	18.055	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	63431	18.419	ug/l	99
28) Bromochloromethane	5.00	49	47546	18.837	ug/l	97
29) Tetrahydrofuran	5.11	42	127218	94.842	ug/l	96
30) Chloroform	5.20	83	98562	18.244	ug/l	98
31) Cyclohexane	5.57	56	91992	18.606	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	82914	18.514	ug/l	98
36) 1,1-Dichloropropene	5.78	75	74718	18.730	ug/l	100
37) Ethyl Acetate	4.81	43	76228	20.600	ug/l	97
38) Carbon Tetrachloride	5.77	117	71402	18.962	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015284.D
 Acq On : 16 Mar 2020 11:15
 Operator : JC/SP
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Quant Time: Mar 17 07:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	90662	19.463	ug/l	98
40) Benzene	6.13	78	229314	19.375	ug/l	98
41) Methacrylonitrile	5.03	41	43401	19.526	ug/l	97
42) 1,2-Dichloroethane	6.18	62	74849	18.416	ug/l	99
43) Isopropyl Acetate	6.43	43	129359	19.871	ug/l	99
44) Trichloroethene	7.20	130	63741	19.338	ug/l	96
45) 1,2-Dichloropropane	7.50	63	61020	19.918	ug/l	99
46) Dibromomethane	7.65	93	37436	18.754	ug/l	96
47) Bromodichloromethane	7.89	83	77114	19.536	ug/l	97
48) Methyl methacrylate	7.76	41	62721	18.930	ug/l	97
49) 1,4-Dioxane	7.73	88	26991	376.781	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	391030	101.594	ug/l	99
52) Toluene	8.78	92	145794	20.147	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	82915	19.735	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	93983	19.786	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58019	19.479	ug/l	97
56) Ethyl methacrylate	9.17	69	86881	20.450	ug/l	96
57) 1,3-Dichloropropane	9.36	76	98899	19.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	218422	94.371	ug/l	99
59) 2-Hexanone	9.48	43	292817	102.643	ug/l	99
60) Dibromochloromethane	9.57	129	60289	19.269	ug/l	98
61) 1,2-Dibromoethane	9.67	107	59114	18.895	ug/l	100
64) Tetrachloroethene	9.33	164	63225	19.046	ug/l	98
65) Chlorobenzene	10.13	112	154077	19.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	57541	18.931	ug/l	99
67) Ethyl Benzene	10.25	91	269558	19.693	ug/l	99
68) m/p-Xylenes	10.36	106	202460	38.876	ug/l	98
69) o-Xylene	10.69	106	98990	19.853	ug/l	98
70) Styrene	10.70	104	169674	19.847	ug/l	99
71) Bromoform	10.85	173	45029	19.104	ug/l #	100
73) Isopropylbenzene	11.01	105	265453	19.777	ug/l	100
74) N-amyl acetate	10.89	43	108031	19.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	83330	18.629	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94069	22.445	ug/l	80
77) Bromobenzene	11.25	156	69596	18.606	ug/l	98
78) n-propylbenzene	11.35	91	308775	20.136	ug/l	100
79) 2-Chlorotoluene	11.42	91	179784	19.632	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	224130	20.059	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	27103	18.353	ug/l	98
82) 4-Chlorotoluene	11.51	91	212340	19.626	ug/l	99
83) tert-Butylbenzene	11.76	119	211561	19.582	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	224969	20.042	ug/l	99
85) sec-Butylbenzene	11.94	105	263670	20.217	ug/l	100
86) p-Isopropyltoluene	12.06	119	241596	20.106	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	125757	19.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	129155	19.024	ug/l	99
89) n-Butylbenzene	12.38	91	211320	19.774	ug/l	99
90) Hexachloroethane	12.59	117	41279	18.171	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	124800	19.089	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16737	18.686	ug/l	97

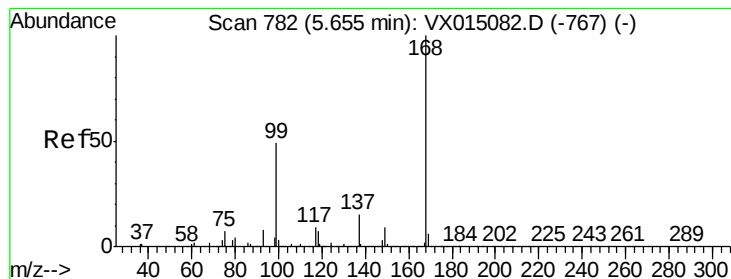
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
Data File : VX015284.D
Acq On : 16 Mar 2020 11:15
Operator : JC/SP
Sample : VX0316WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Quant Time: Mar 17 07:38:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	89650	19.755	ug/l	99
94) Hexachlorobutadiene	13.78	225	45564	19.566	ug/l	99
95) Naphthalene	13.83	128	240148	18.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	89774	19.827	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

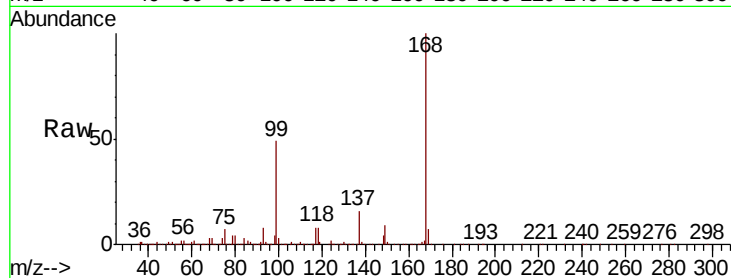
VX0316WBS01

Tot Ion:168 Resp: 295838

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

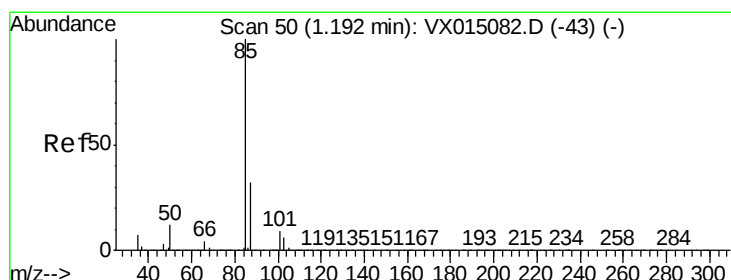
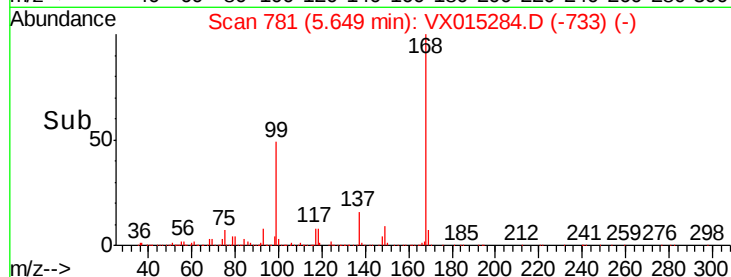
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.223 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015284.D

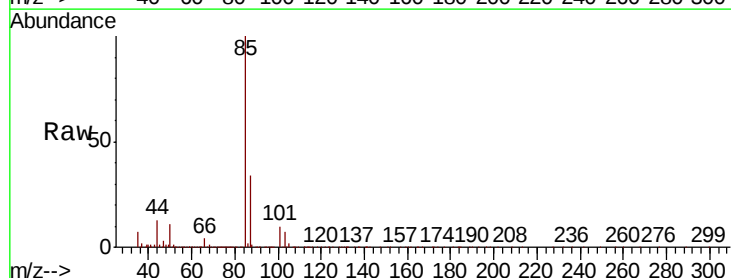
Acq: 16 Mar 2020 11:15

Tgt Ion: 85 Resp: 44617

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

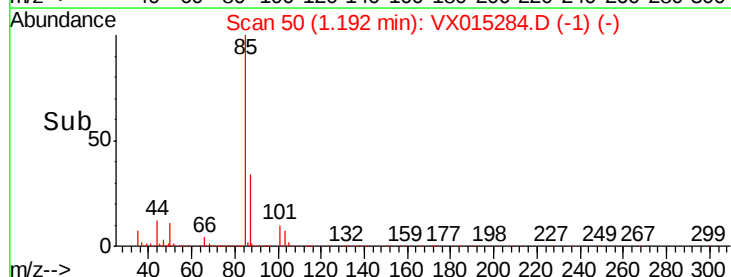
30000

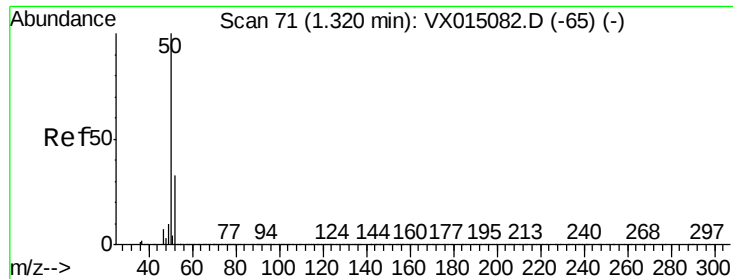
20000

10000

0

Time-->

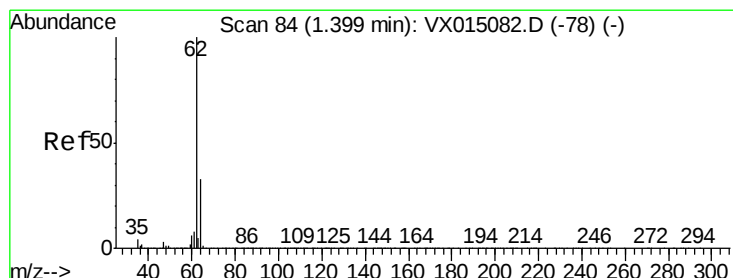
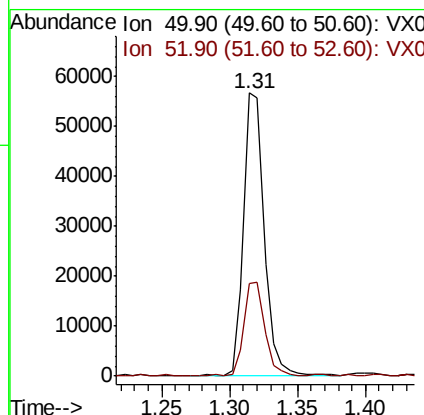
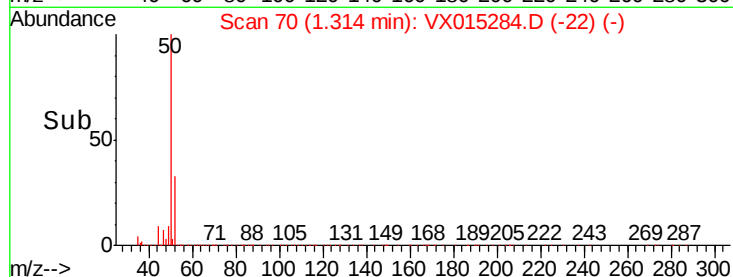
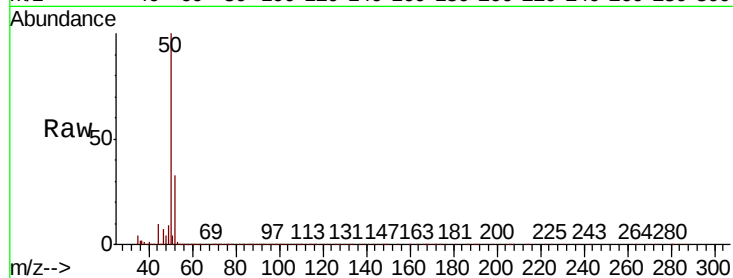




#3
Chloromethane
Concen: 16.342 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

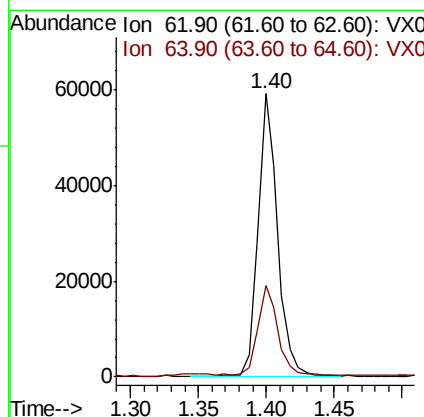
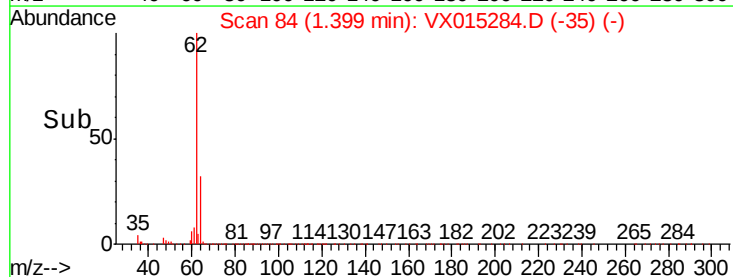
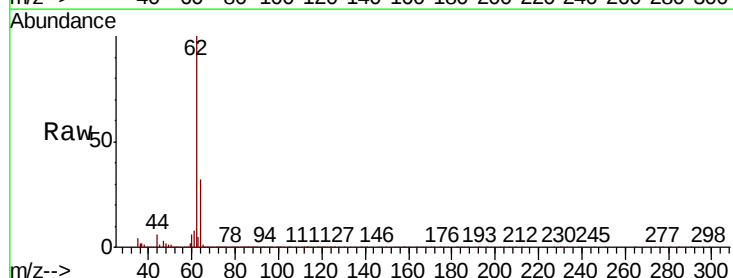
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

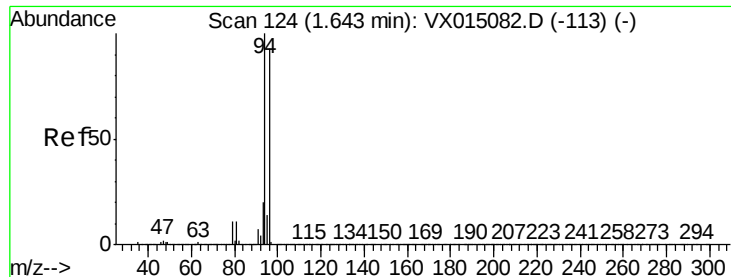
Tot Ion: 50 Resp: 59969
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 16.013 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 62 Resp: 59584
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1





#5

Bromomethane

Concen: 16.768 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

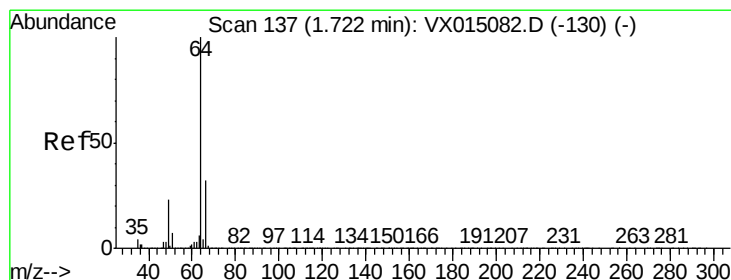
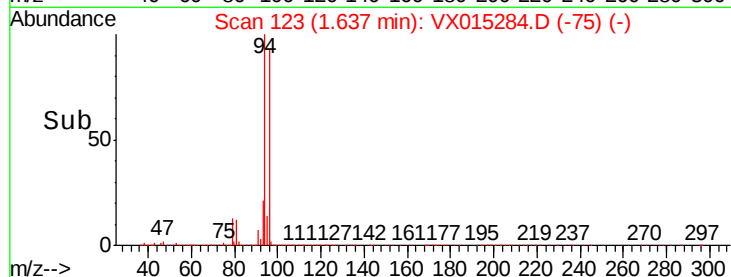
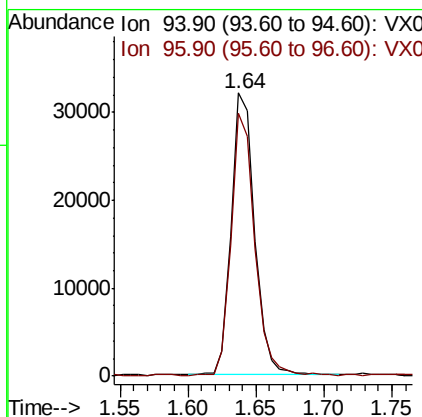
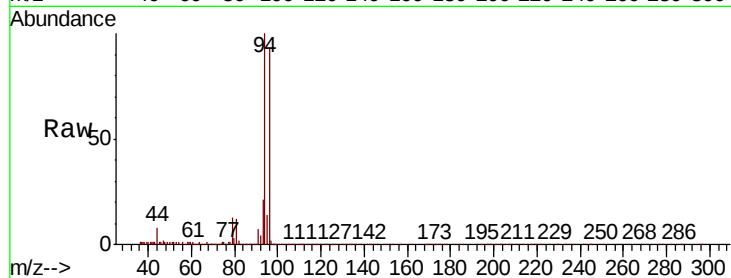
VX0316WBS01

Tot Ion: 94 Resp: 38359

Ion Ratio Lower Upper

94 100

96 93.1 74.6 111.8



#6

Chloroethane

Concen: 16.995 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015284.D

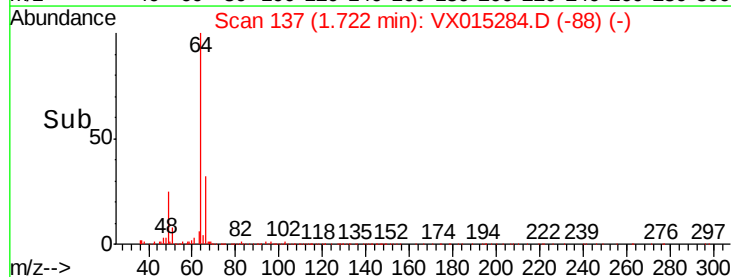
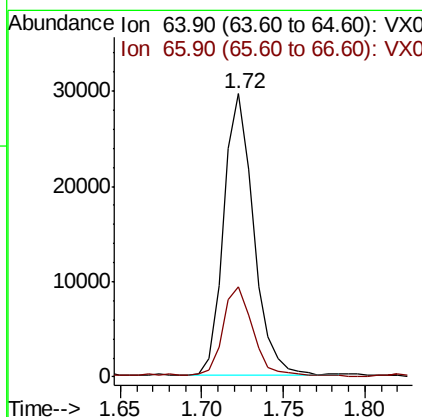
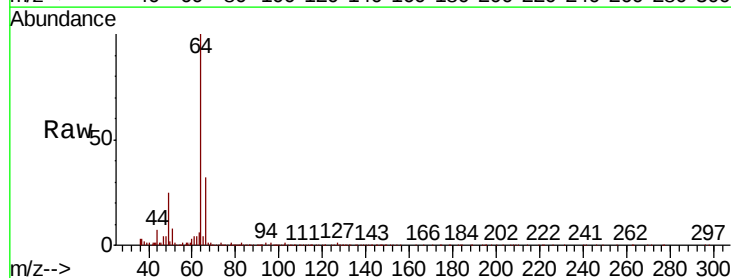
Acq: 16 Mar 2020 11:15

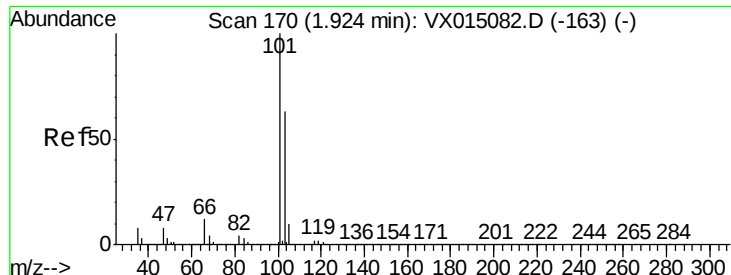
Tgt Ion: 64 Resp: 37935

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8



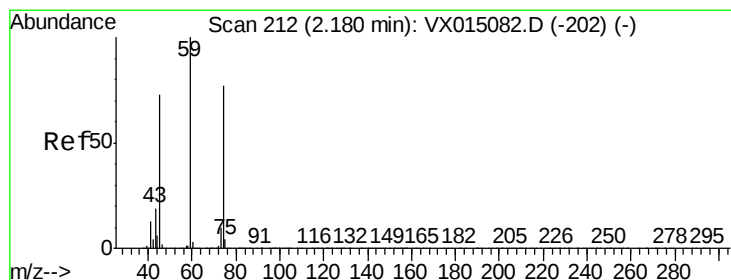
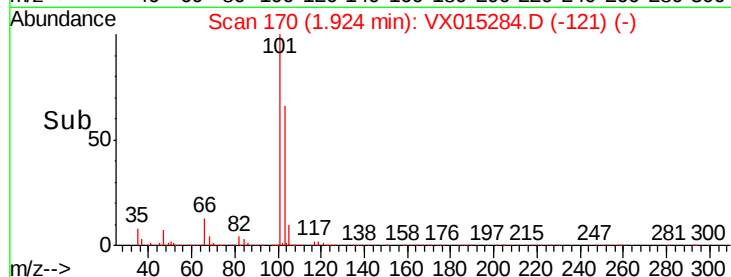
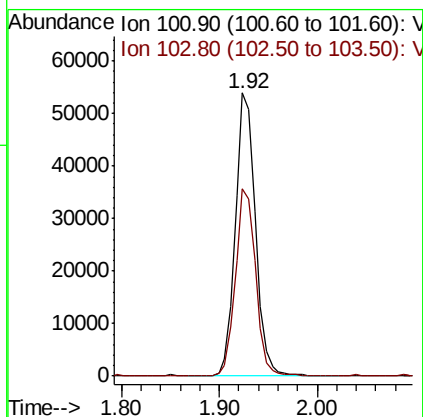
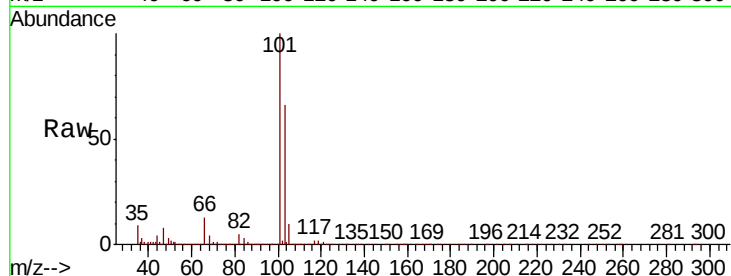


#7

Trichlorofluoromethane
Concen: 17.453 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

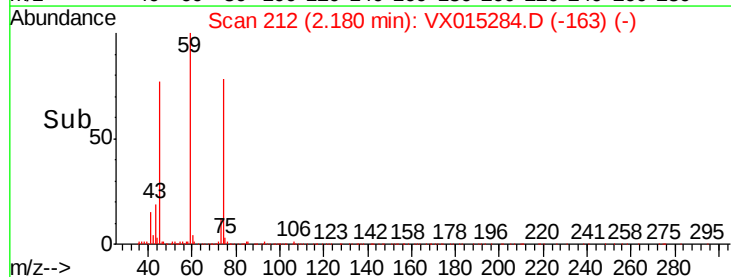
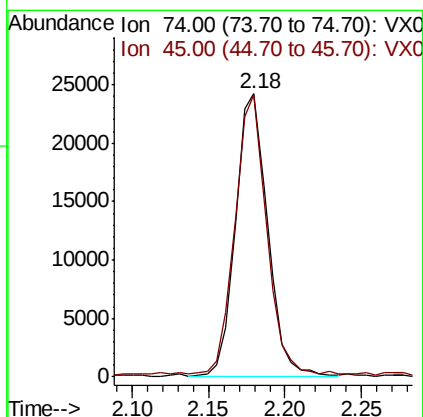
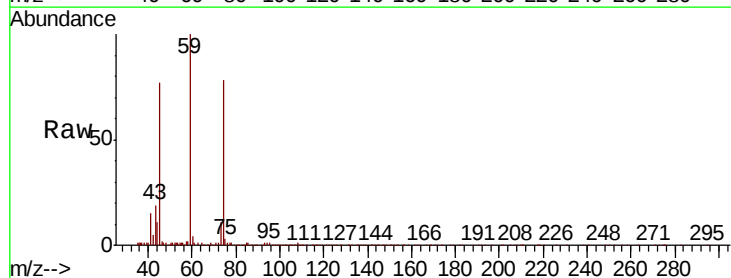
Tot Ion:101 Resp: 77274
Ion Ratio Lower Upper
101 100
103 66.0 50.4 75.6

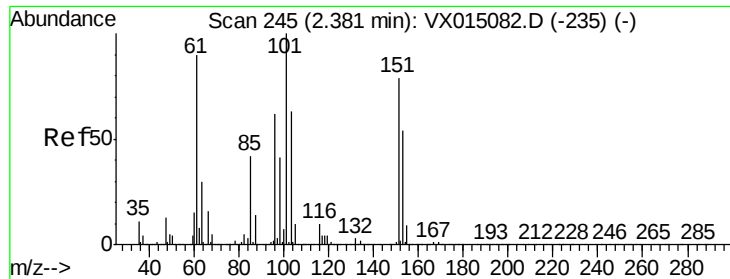


#8

Diethyl Ether
Concen: 17.417 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 74 Resp: 34927
Ion Ratio Lower Upper
74 100
45 97.9 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.200 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

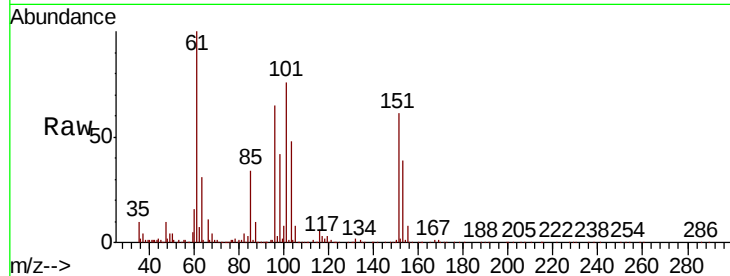
Tot Ion:101 Resp: 50698

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

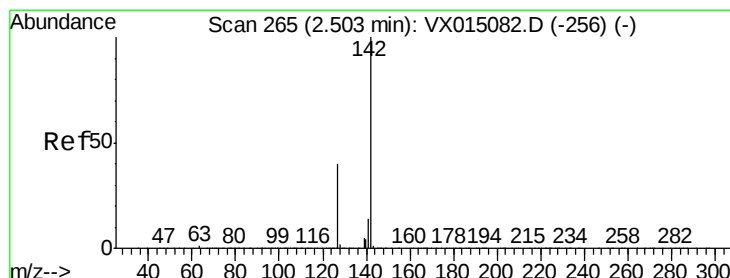
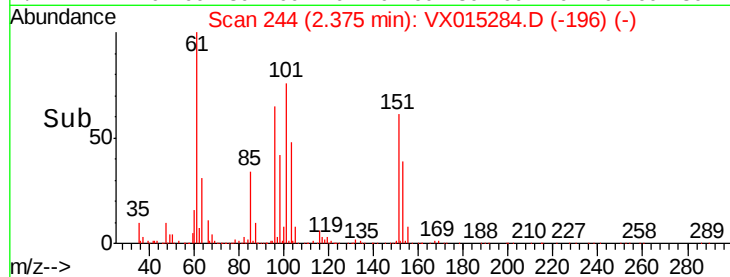
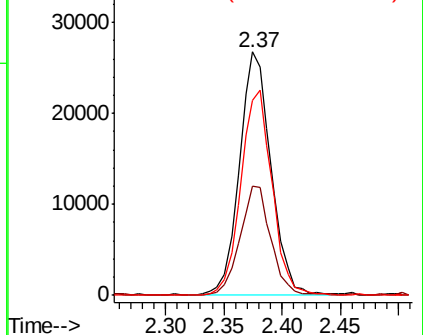
151 83.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.219 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

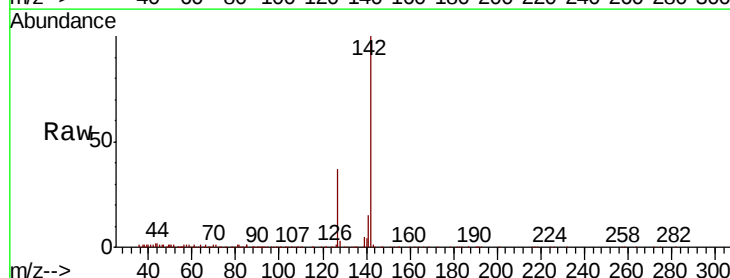
Tgt Ion:142 Resp: 47895

Ion Ratio Lower Upper

142 100

127 39.6 31.7 47.5

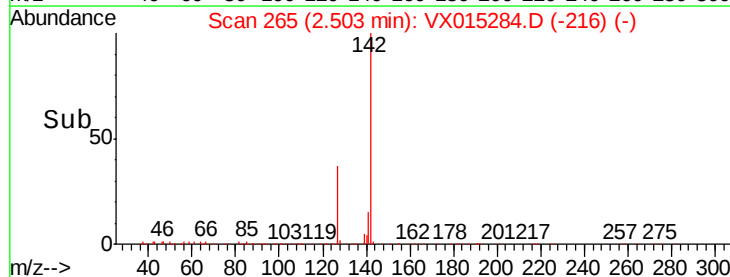
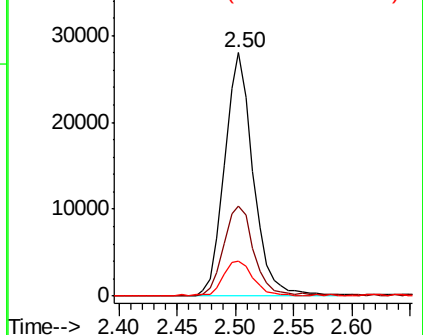
141 15.9 11.3 16.9

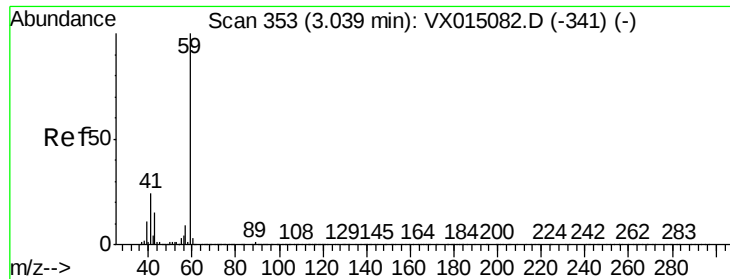


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

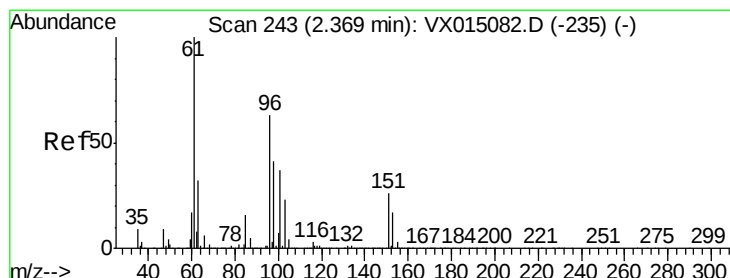
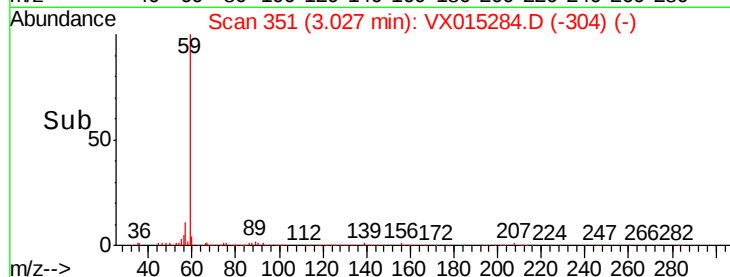
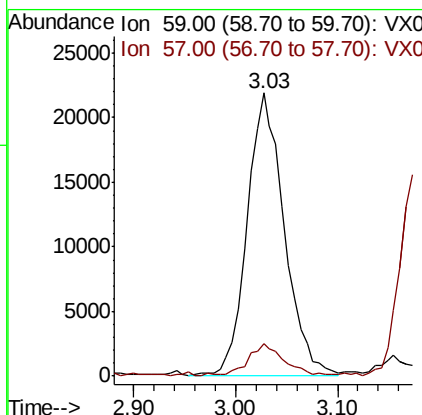
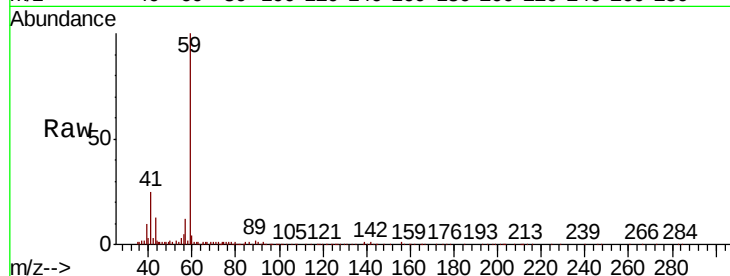




#11
Tert butyl alcohol
Concen: 91.216 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

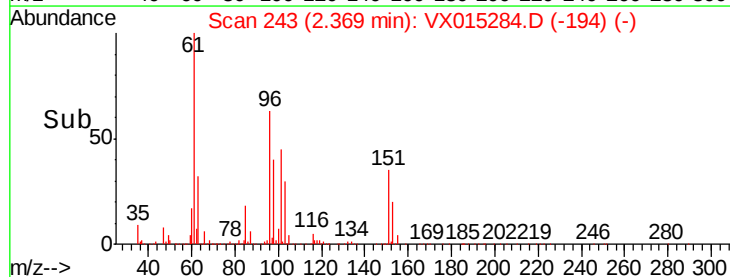
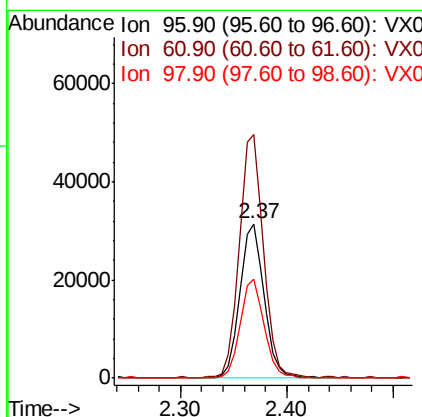
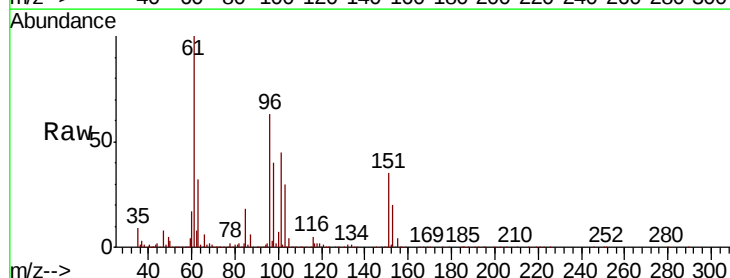
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

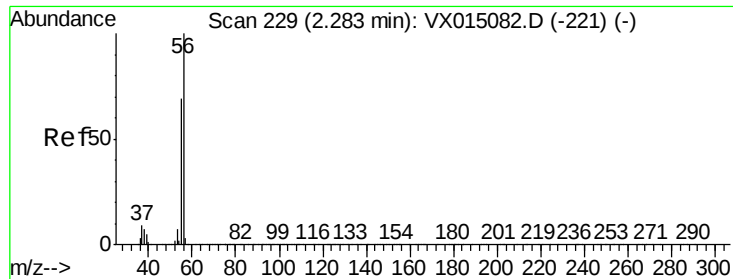
Tot Ion: 59 Resp: 55545
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.622 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 96 Resp: 50662
Ion Ratio Lower Upper
96 100
61 157.2 126.2 189.4
98 63.6 51.4 77.0

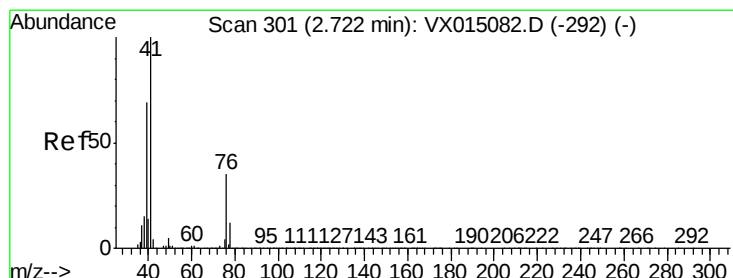
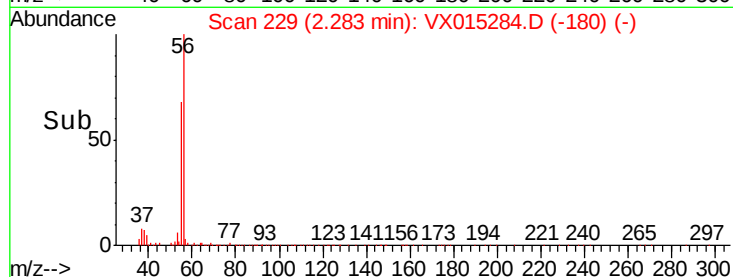
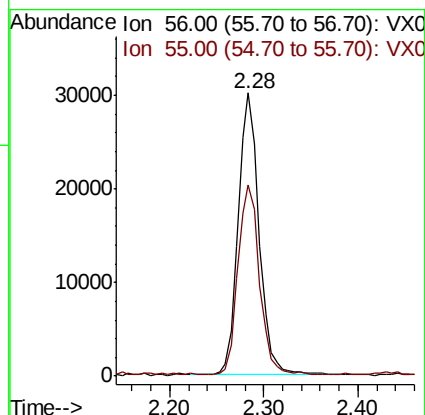
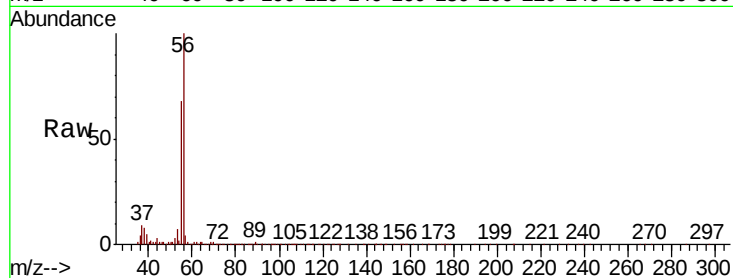




#13
Acrolein
Concen: 81.212 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

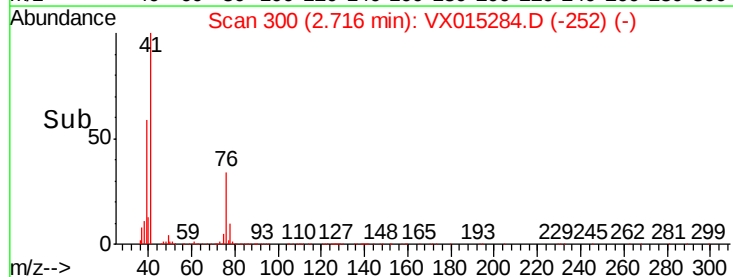
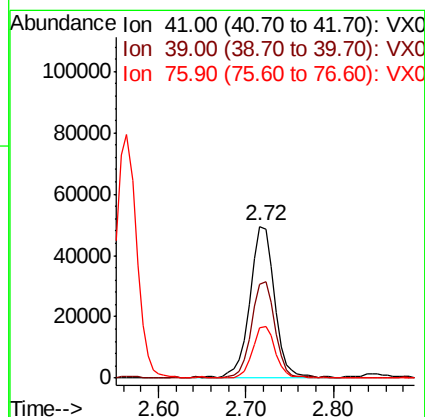
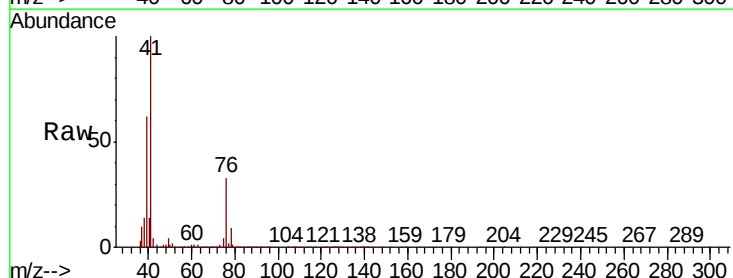
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

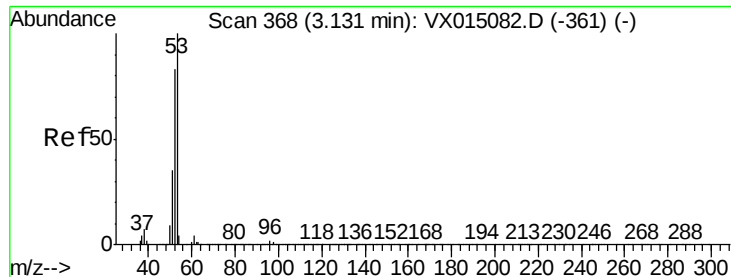
Tot Ion: 56 Resp: 46474
Ion Ratio Lower Upper
56 100
55 69.2 55.4 83.0



#14
Allyl chloride
Concen: 19.235 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 41 Resp: 96421
Ion Ratio Lower Upper
41 100
39 61.4 52.9 79.3
76 30.9 26.8 40.2

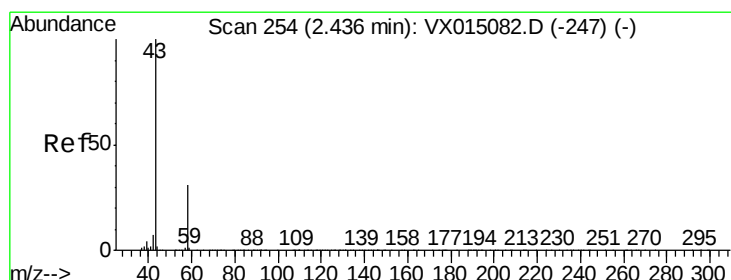
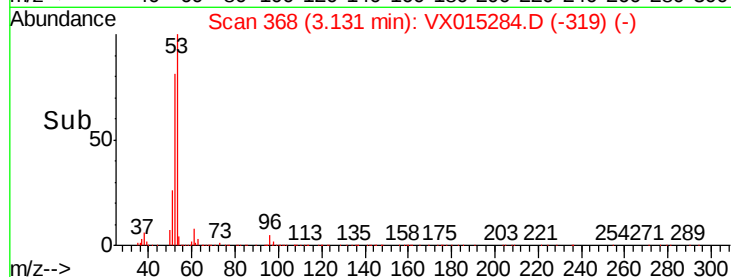
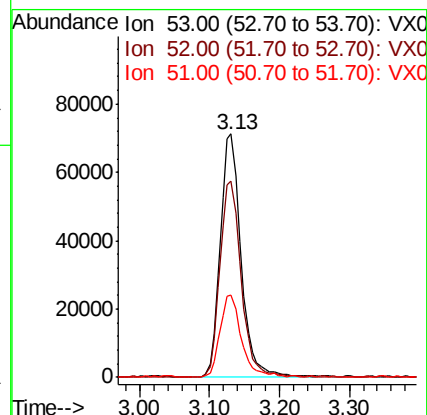
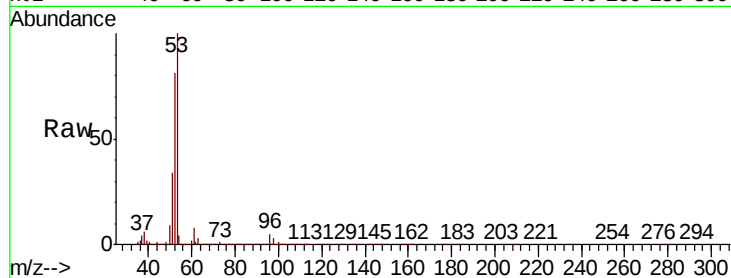




#15
 Acrylonitrile
 Concen: 96.345 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

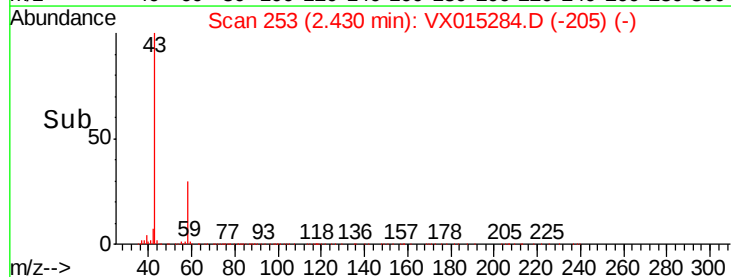
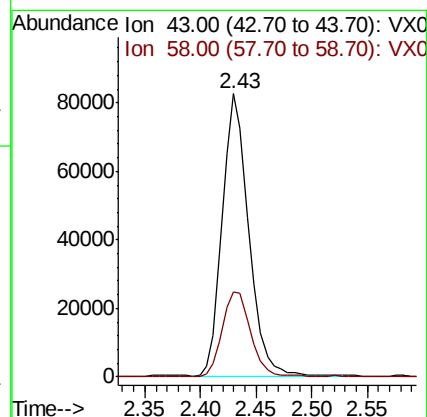
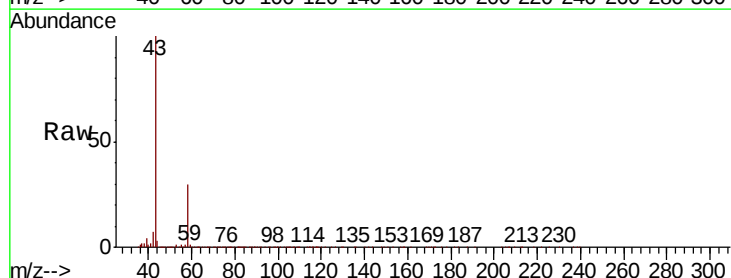
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

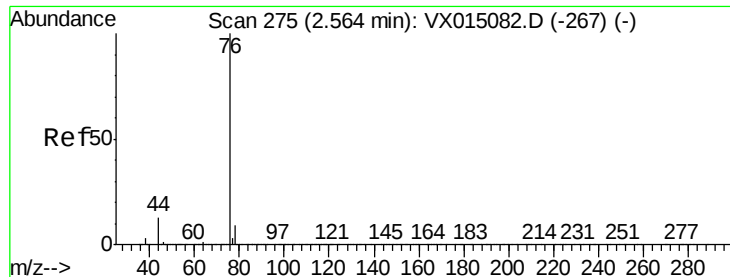
Tot Ion: 53 Resp: 146107
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.6 100.0
 51 35.1 29.0 43.6



#16
 Acetone
 Concen: 94.819 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion: 43 Resp: 134773
 Ion Ratio Lower Upper
 43 100
 58 29.8 24.8 37.2





#17

Carbon Disulfide

Concen: 16.256 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

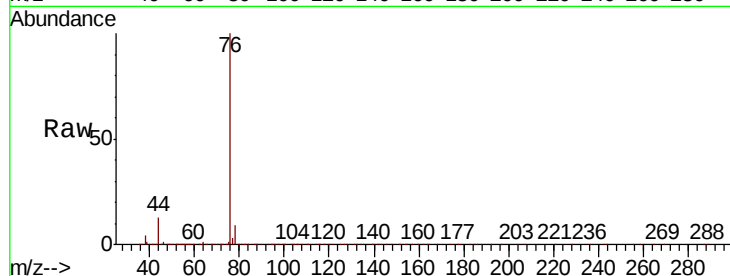
VX0316WBS01

Tot Ion: 76 Resp: 129787

Ion Ratio Lower Upper

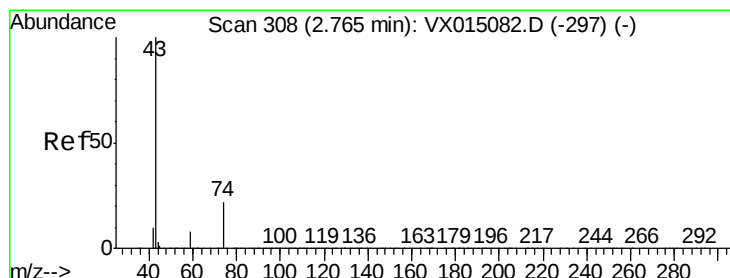
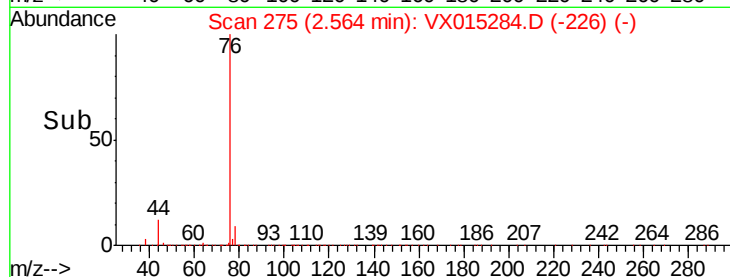
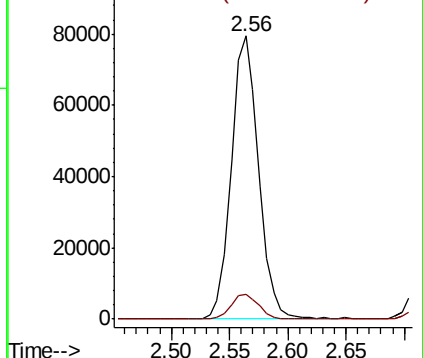
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.268 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015284.D

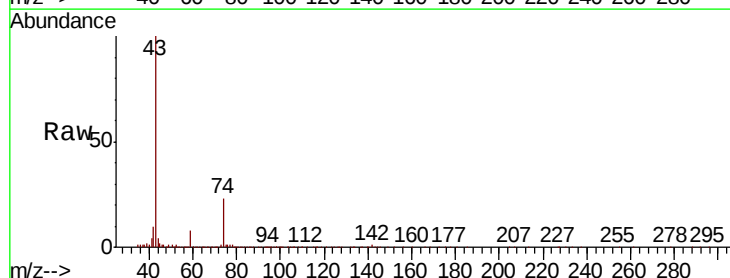
Acq: 16 Mar 2020 11:15

Tgt Ion: 43 Resp: 66967

Ion Ratio Lower Upper

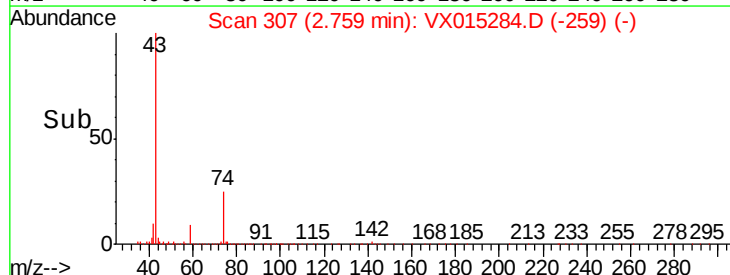
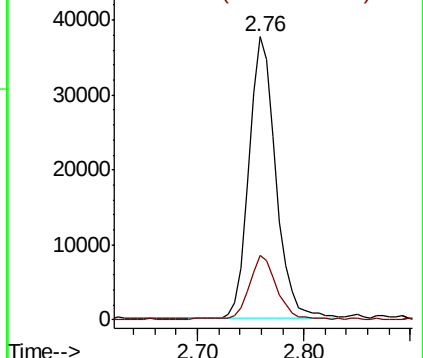
43 100

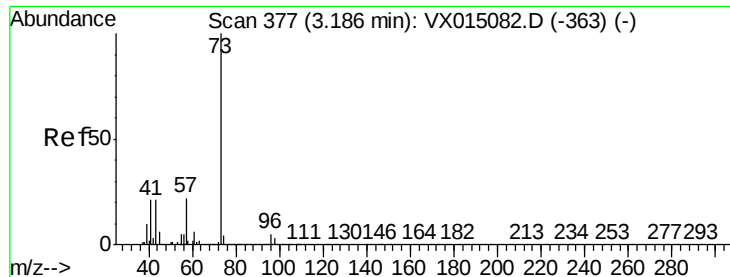
74 24.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



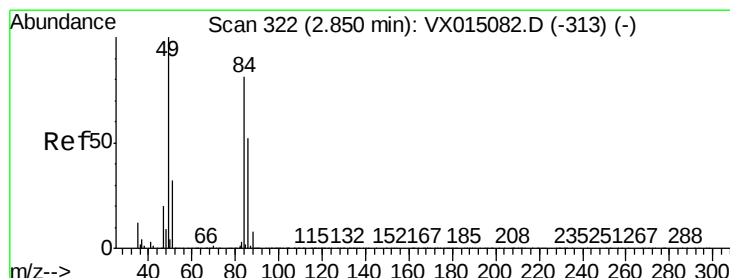
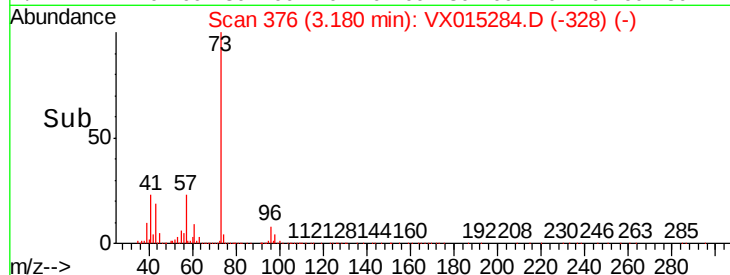
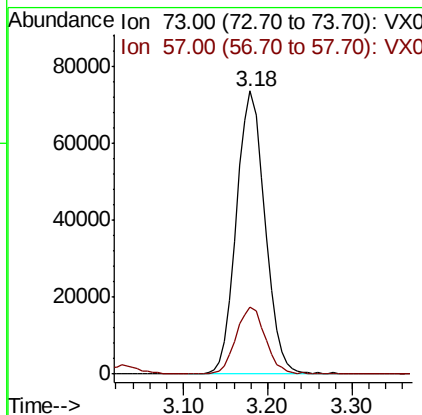
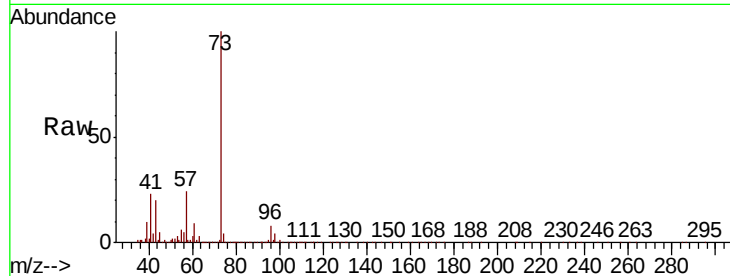


#19

Methyl tert-butyl Ether
 Concen: 18.798 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

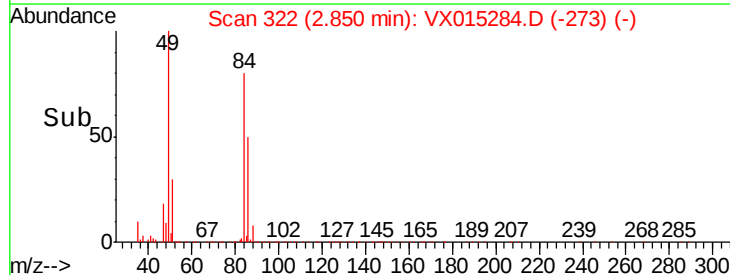
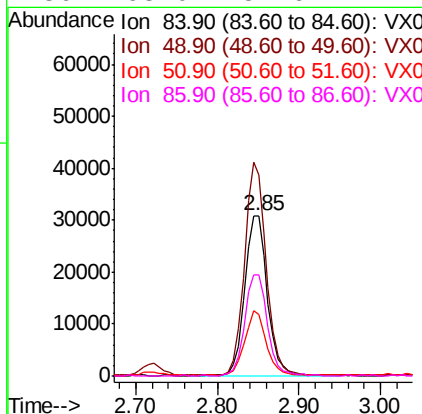
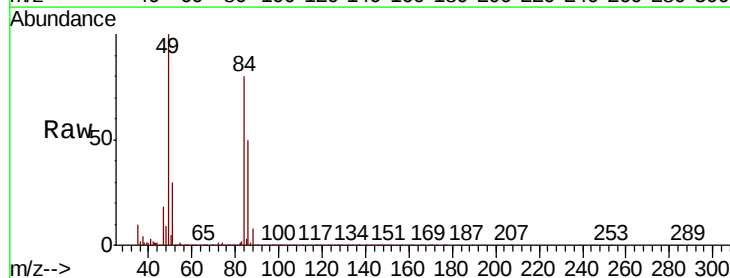
Tot Ion: 73 Resp: 168874
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.8 26.6

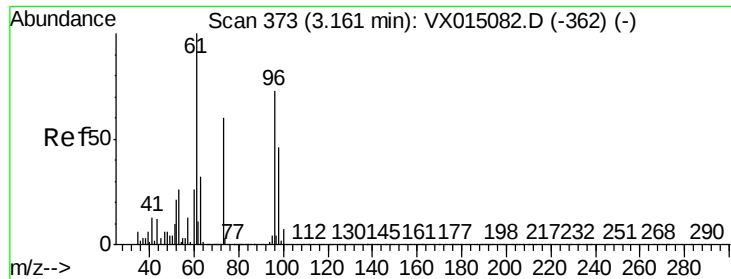


#20

Methylene Chloride
 Concen: 18.033 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion: 84 Resp: 59984
 Ion Ratio Lower Upper
 84 100
 49 125.3 99.4 149.2
 51 37.9 31.5 47.3
 86 63.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.306 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

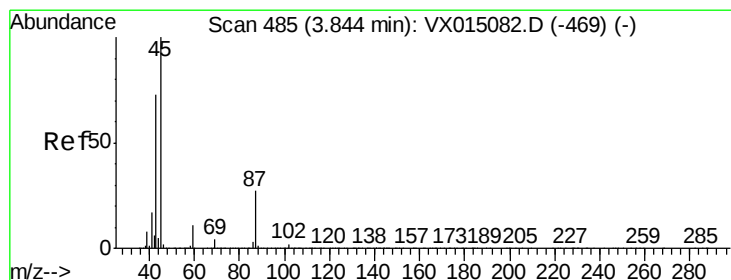
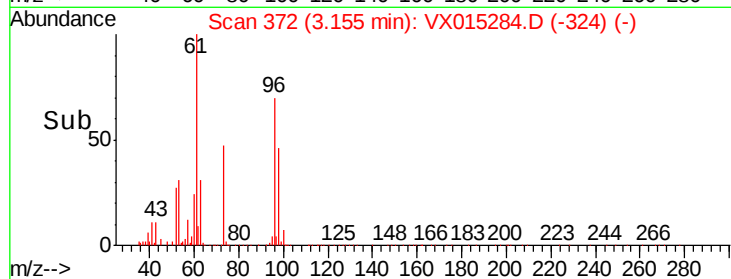
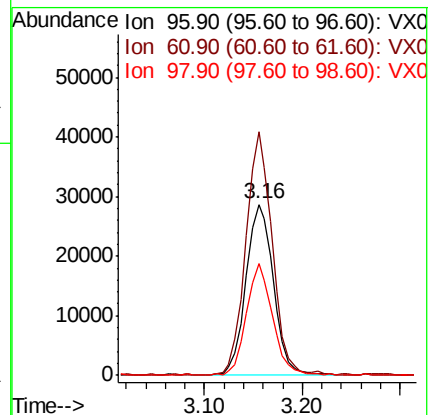
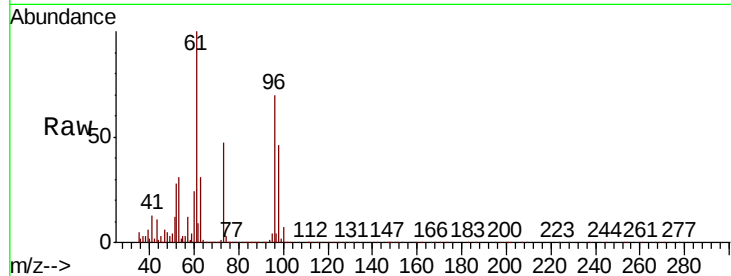
Tot Ion: 96 Resp: 56195

Ion Ratio Lower Upper

96 100

61 142.2 109.9 164.9

98 64.8 50.2 75.2



#22

Diisopropyl ether

Concen: 19.726 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion: 45 Resp: 197006

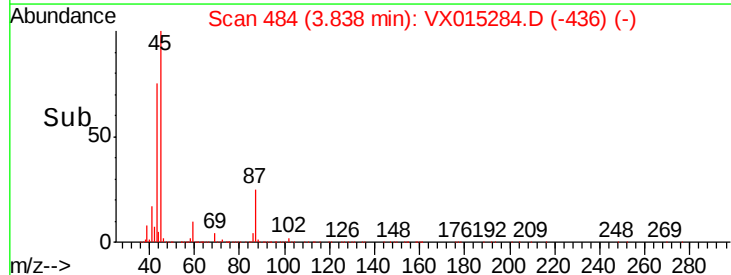
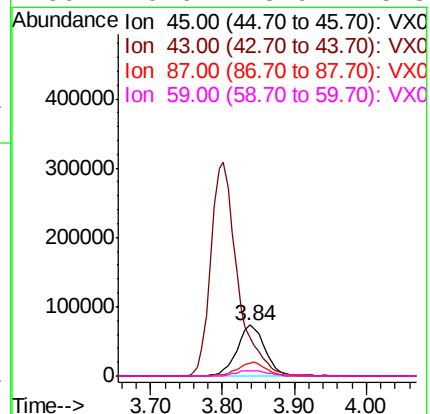
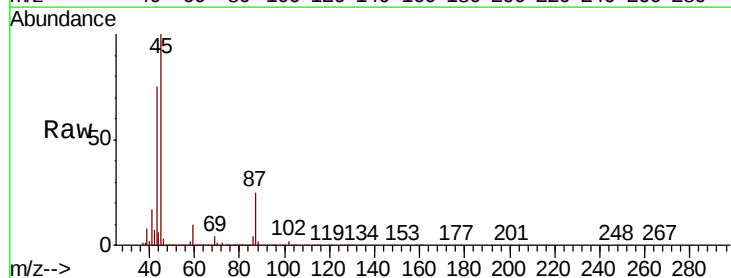
Ion Ratio Lower Upper

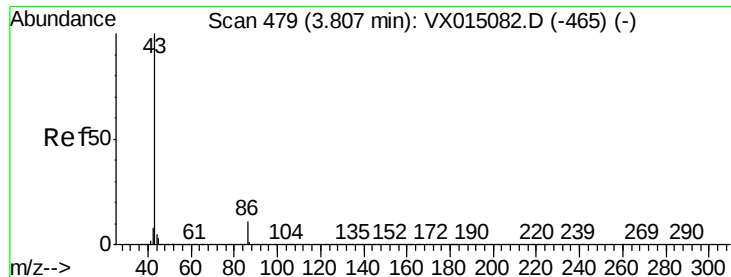
45 100

43 74.0 58.2 87.2

87 25.3 21.2 31.8

59 9.6 8.9 13.3





#23

Vinyl Acetate

Concen: 96.851 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

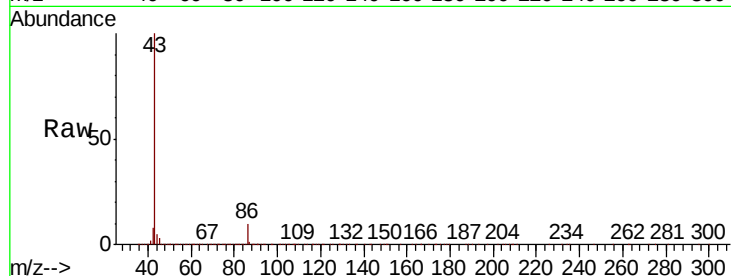
VX0316WBS01

Tot Ion: 43 Resp: 795101

Ion Ratio Lower Upper

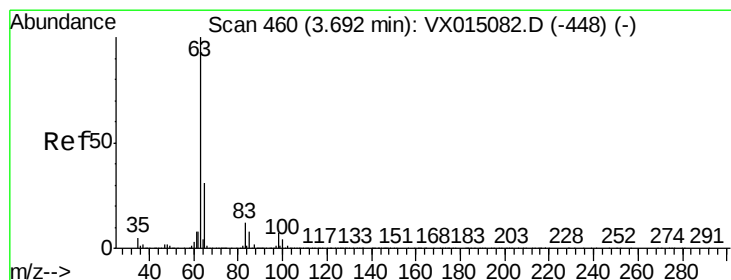
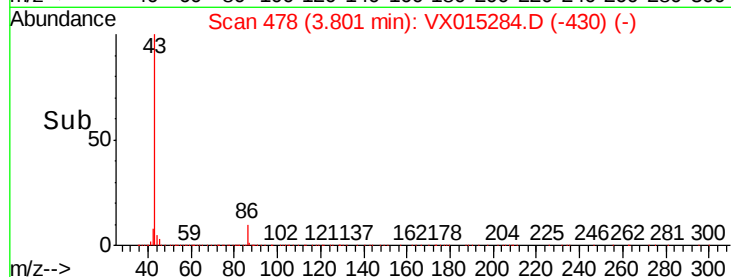
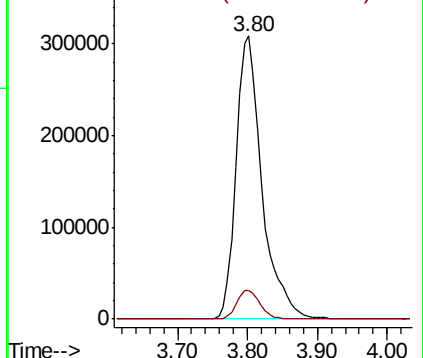
43 100

86 9.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.590 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

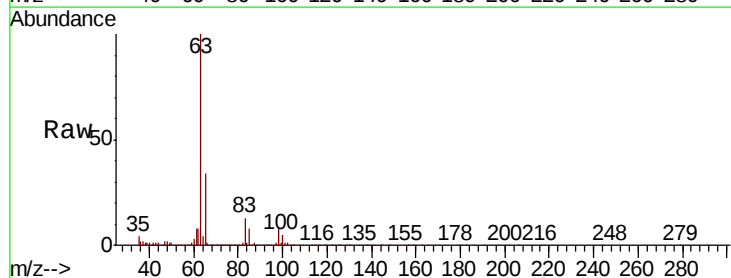
Tgt Ion: 63 Resp: 103044

Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

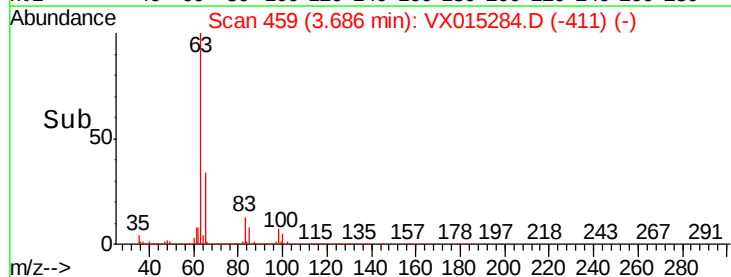
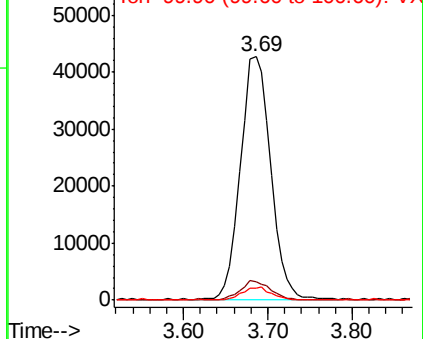
100 4.7 2.1 6.5

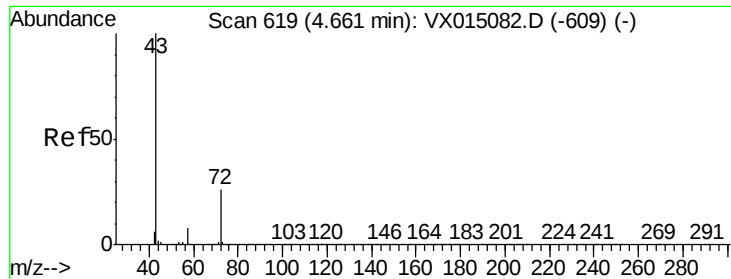


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.339 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

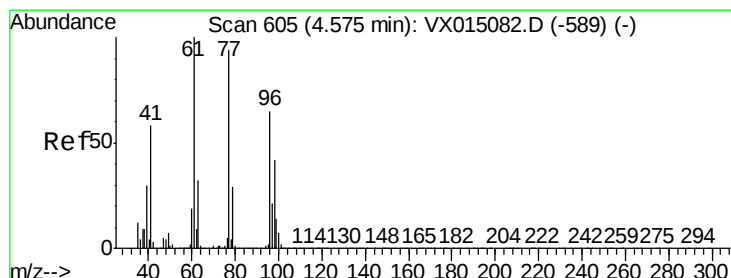
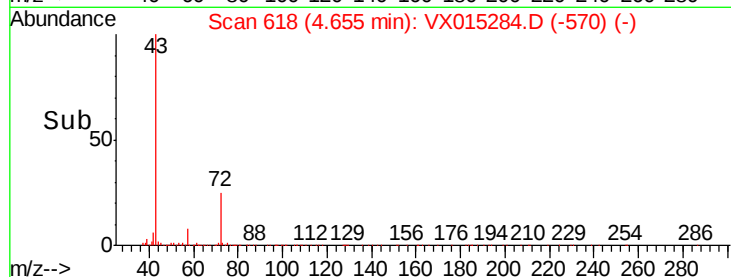
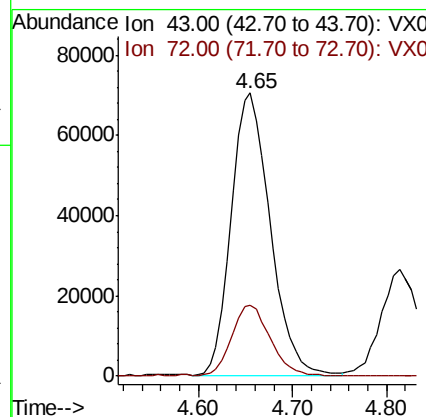
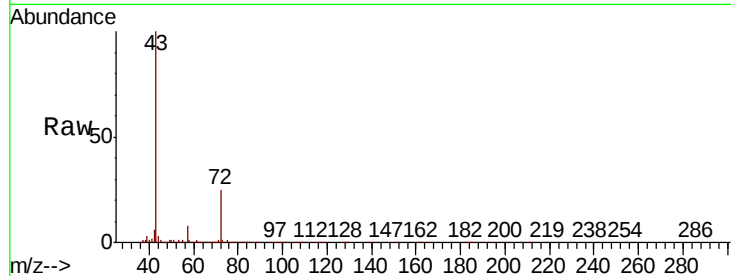
VX0316WBS01

Tot Ion: 43 Resp: 202552

Ion Ratio Lower Upper

43 100

72 24.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 18.055 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015284.D

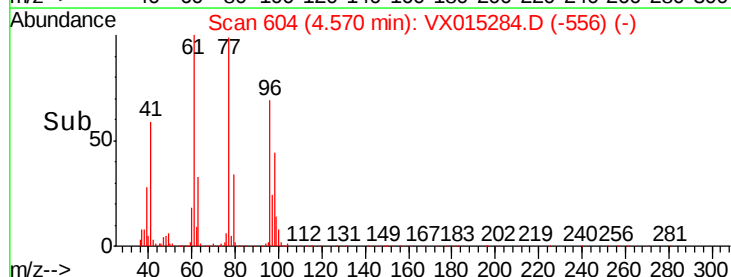
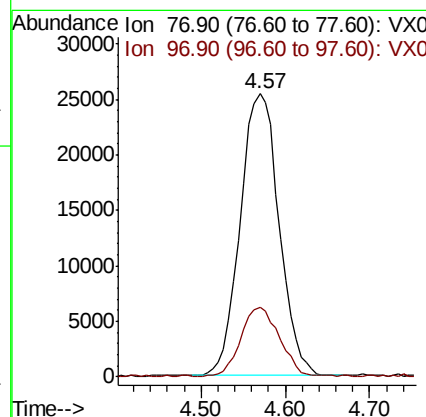
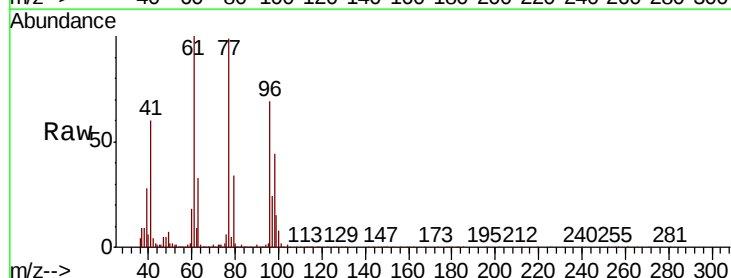
Acq: 16 Mar 2020 11:15

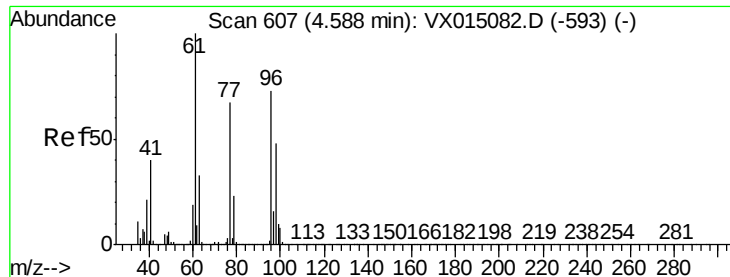
Tgt Ion: 77 Resp: 79449

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.4



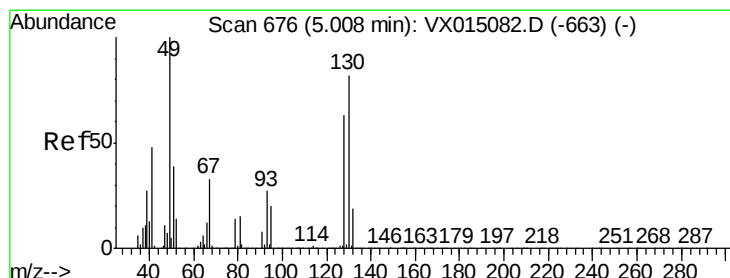
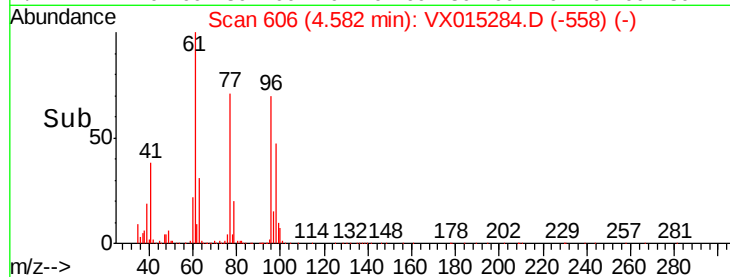
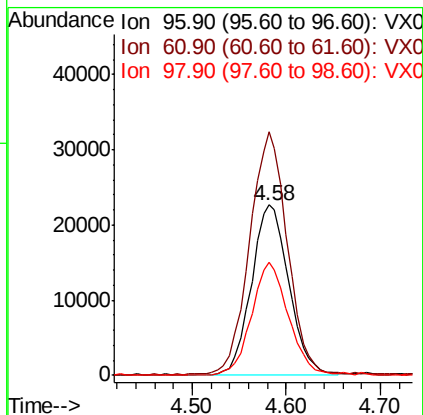
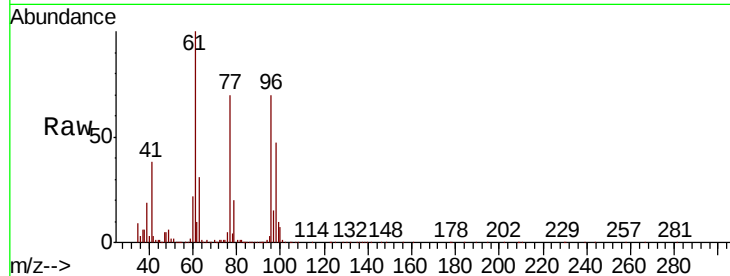


#27

cis-1,2-Dichloroethene
Concen: 18.419 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

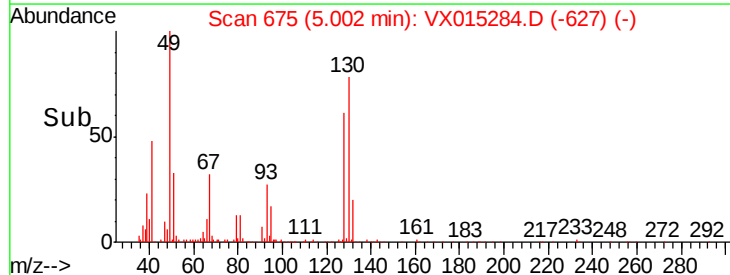
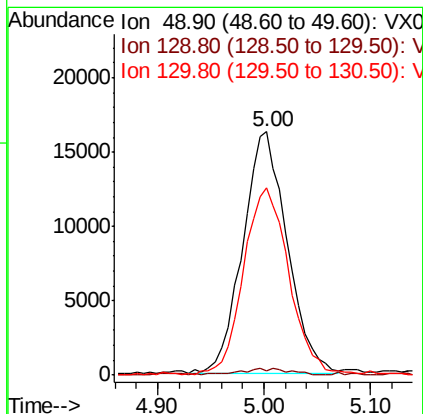
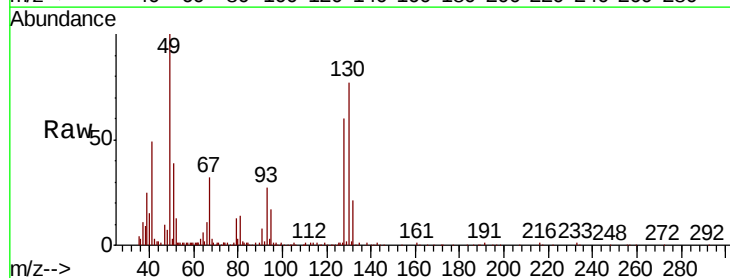
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	286.8
98	65.1	0.0	128.4

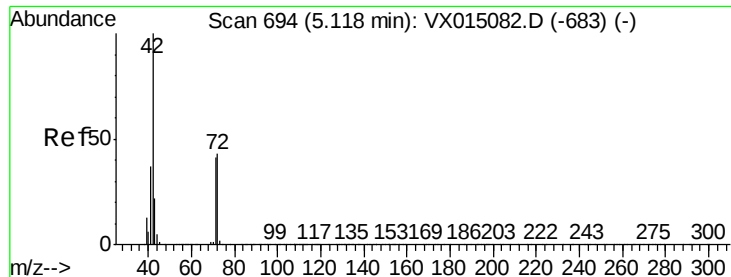


#28

Bromochloromethane
Concen: 18.837 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.4
130	78.4	65.0	97.6





#29

Tetrahydrofuran

Concen: 94.842 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampled :

VX0316WBS01

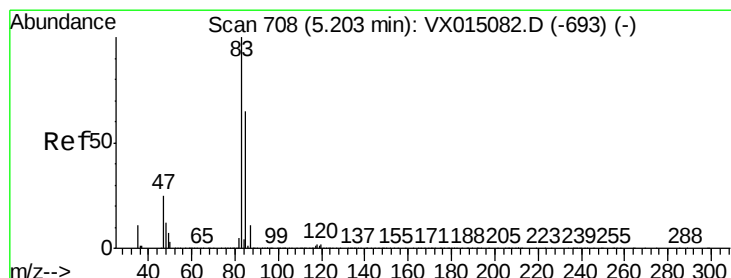
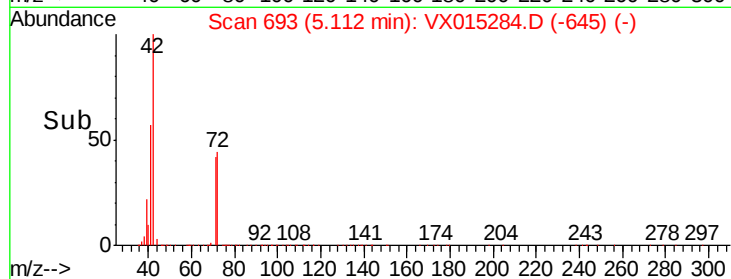
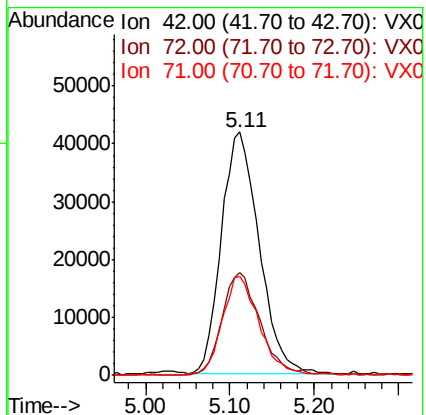
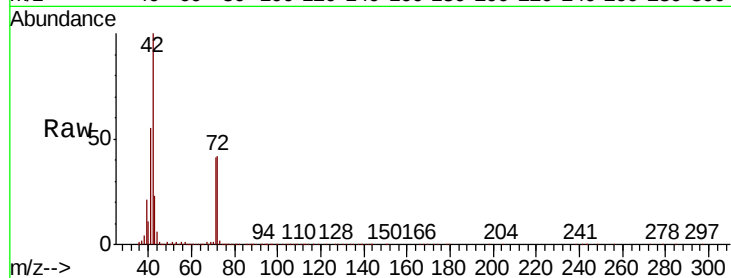
Tot Ion: 42 Resp: 127218

Ion Ratio Lower Upper

42 100

72 42.3 36.4 54.6

71 39.8 33.3 49.9



#30

Chloroform

Concen: 18.244 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015284.D

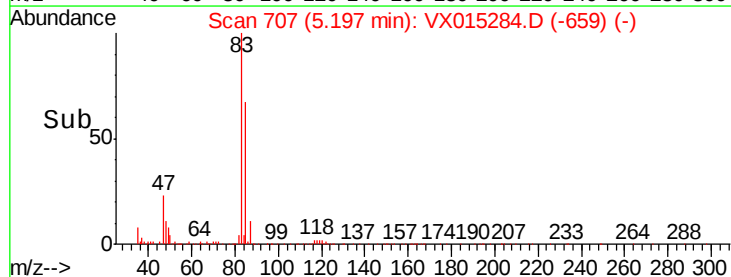
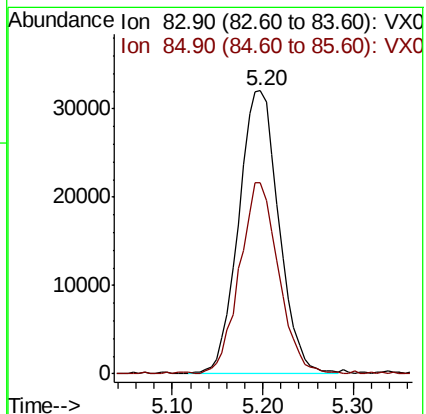
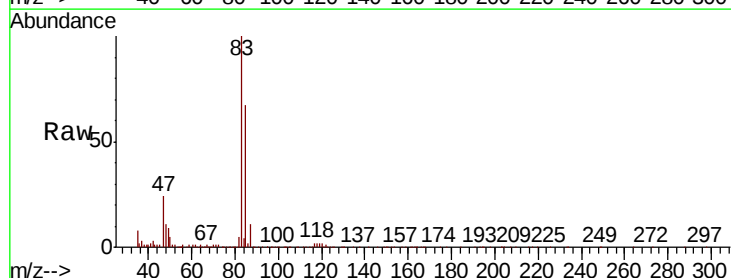
Acq: 16 Mar 2020 11:15

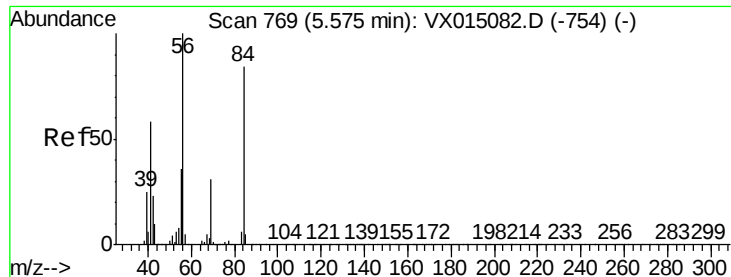
Tgt Ion: 83 Resp: 98562

Ion Ratio Lower Upper

83 100

85 66.9 52.0 78.0

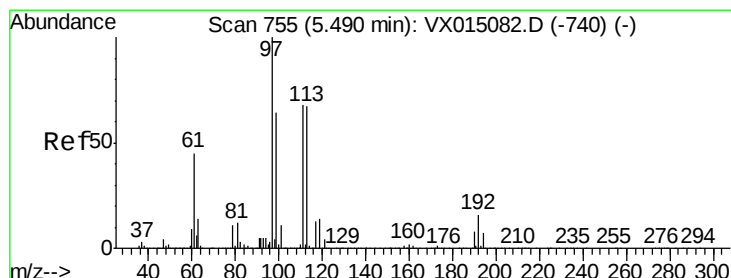
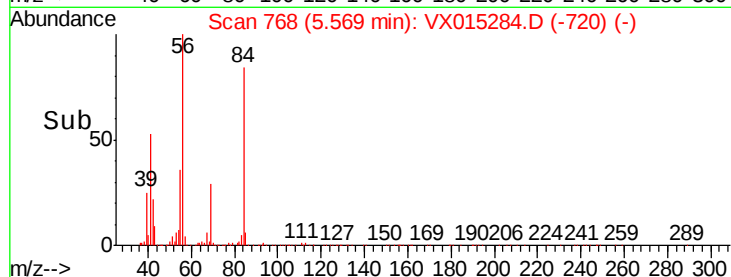
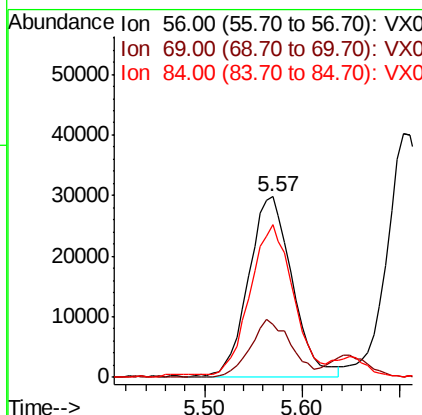
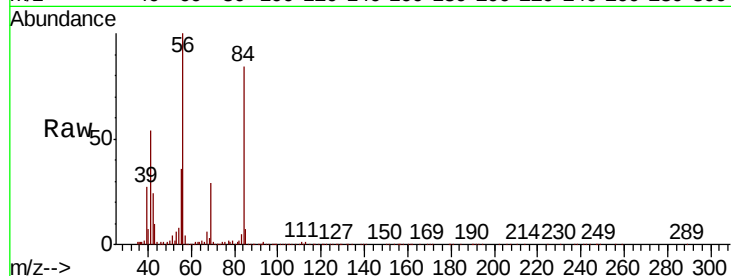




#31
Cyclohexane
Concen: 18.606 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

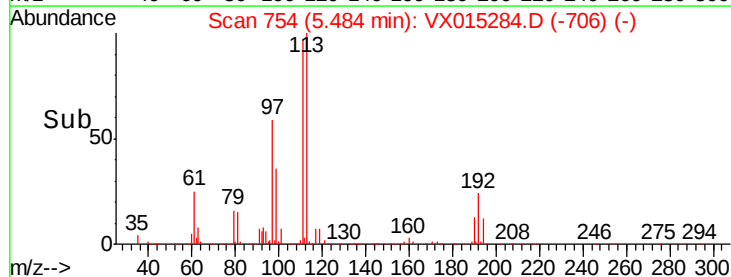
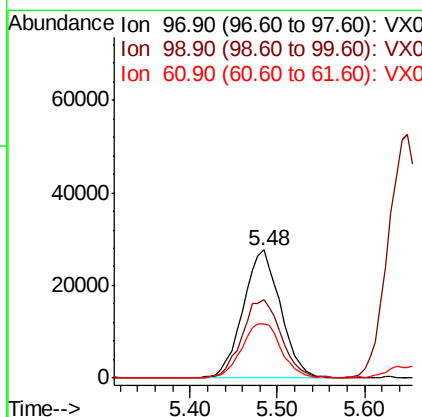
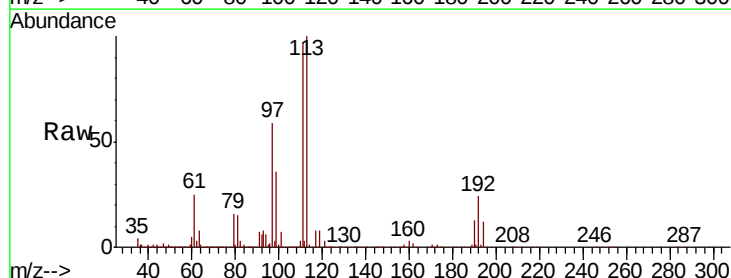
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

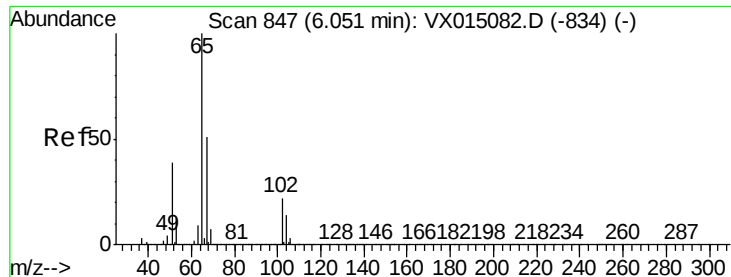
Tot Ion: 56 Resp: 91992
Ion Ratio Lower Upper
56 100
69 28.8 25.0 37.6
84 83.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 18.514 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 97 Resp: 82914
Ion Ratio Lower Upper
97 100
99 63.9 52.8 79.2
61 44.8 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 42.809 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

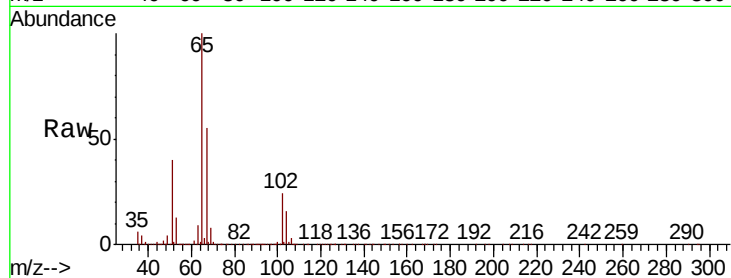
VX0316WBS01

Tot Ion: 65 Resp: 150250

Ion Ratio Lower Upper

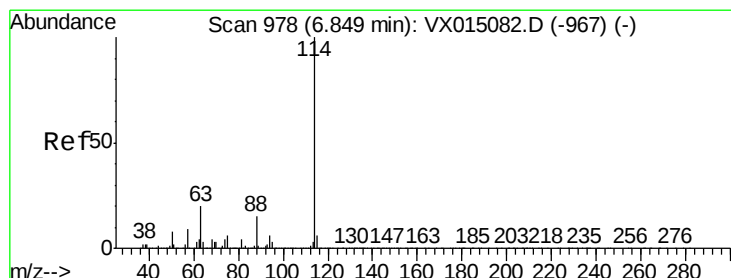
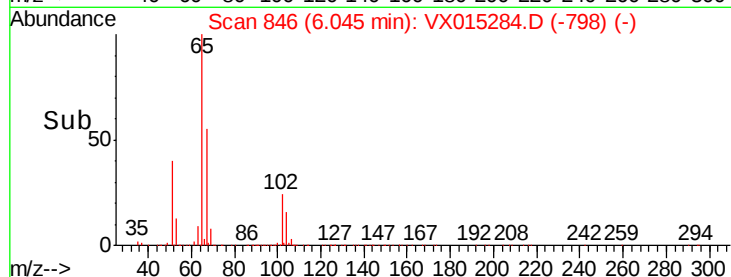
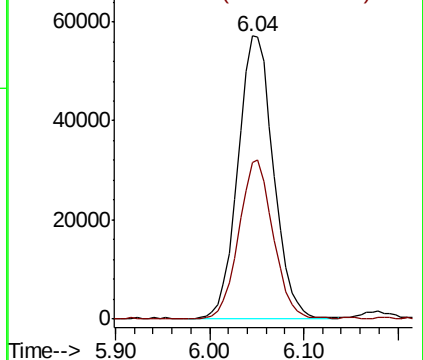
65 100

67 54.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

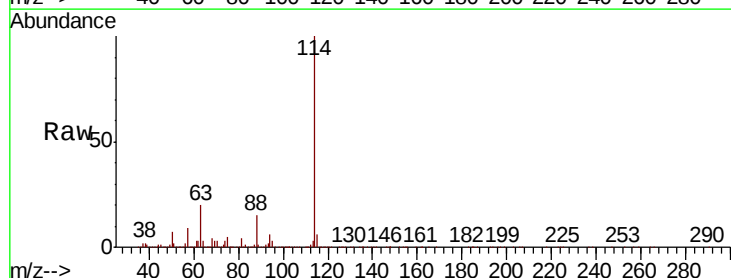
Tgt Ion: 114 Resp: 431520

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

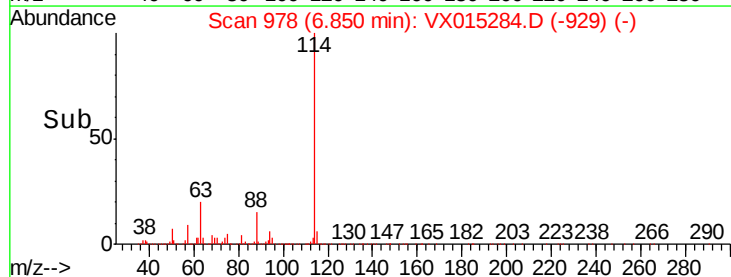
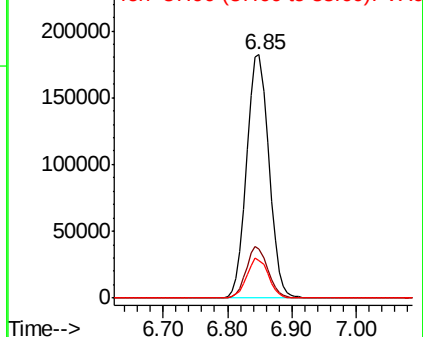
88 15.2 0.0 30.6

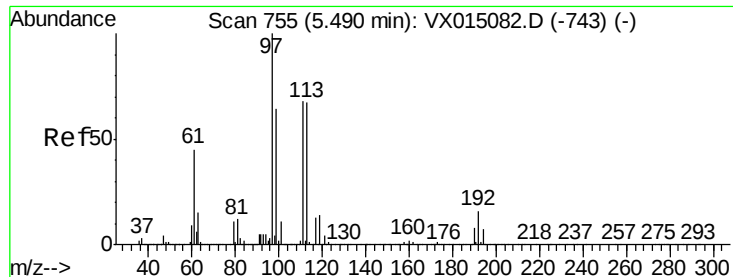


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

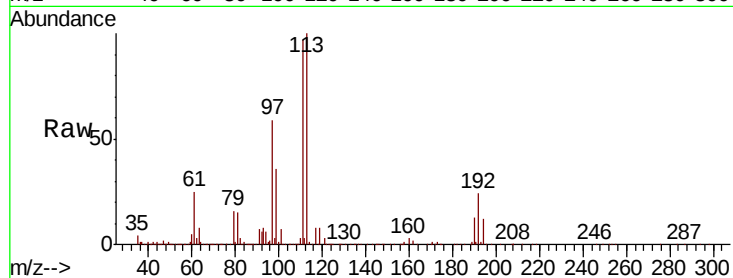
Tot Ion:113 Resp: 130450

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

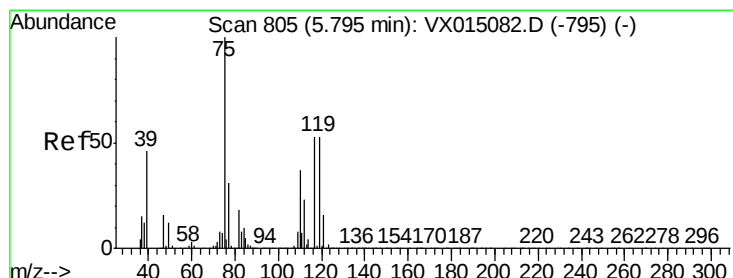
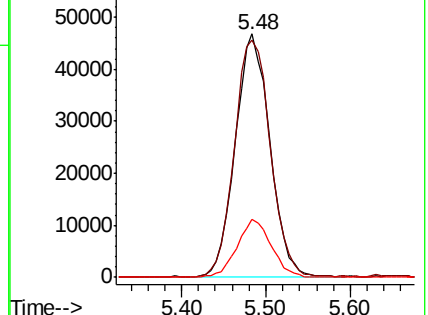
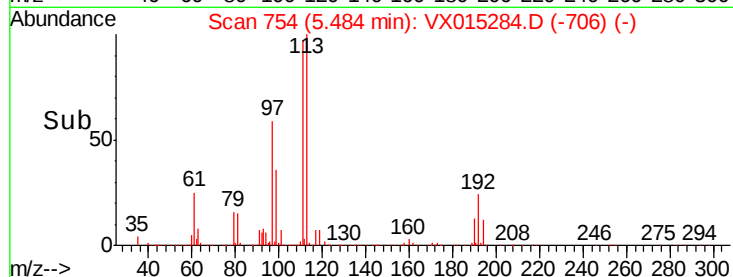
192 23.6 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.730 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

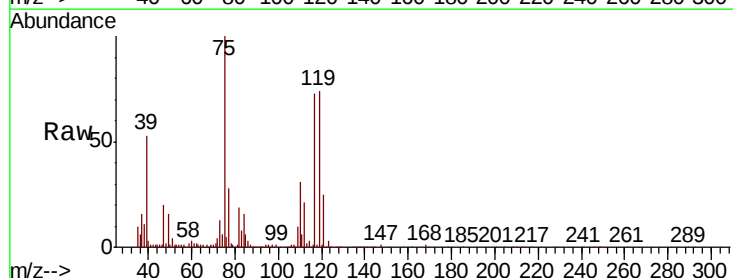
Tgt Ion: 75 Resp: 74718

Ion Ratio Lower Upper

75 100

110 36.3 17.9 53.8

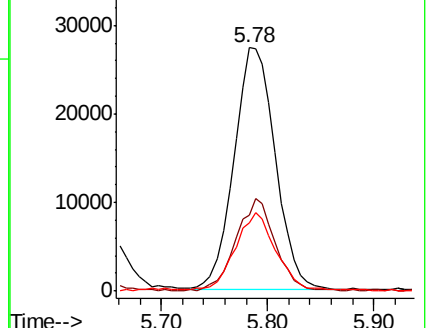
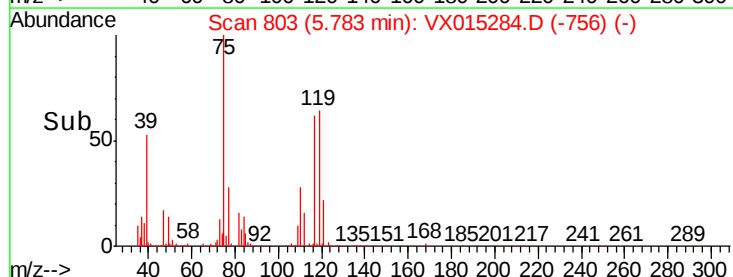
77 30.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

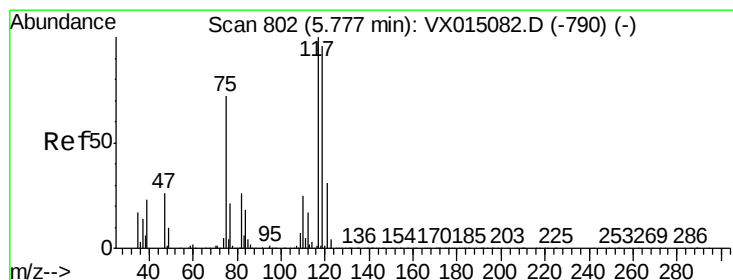
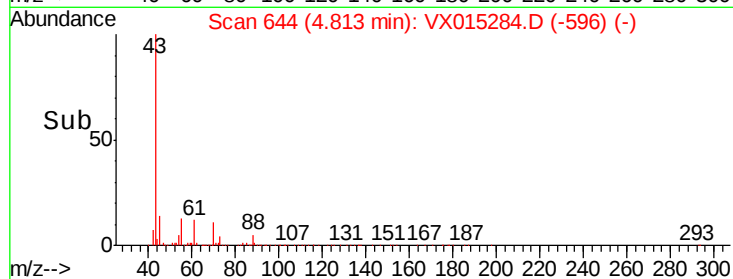
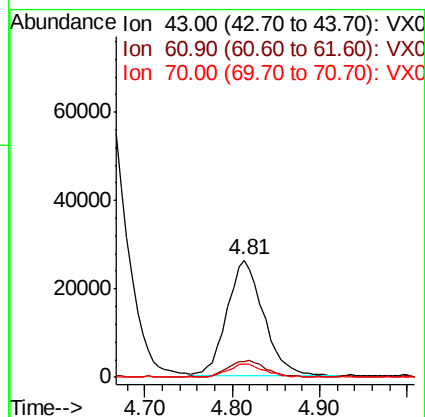
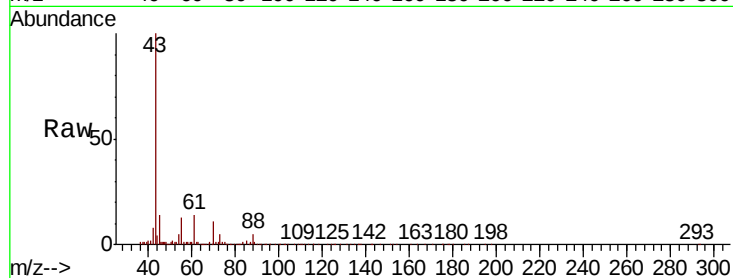




#37
Ethyl Acetate
Concen: 20.600 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

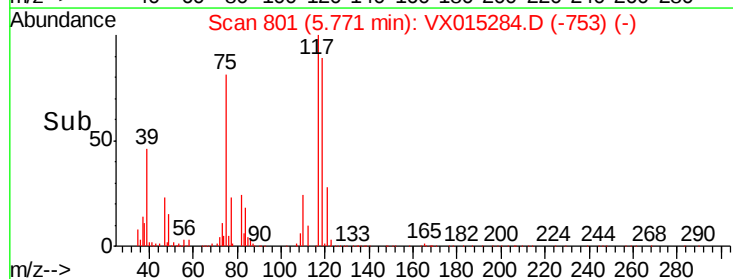
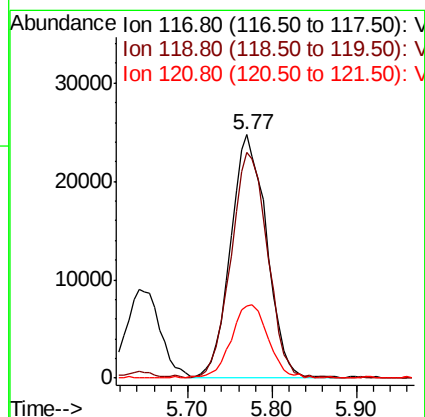
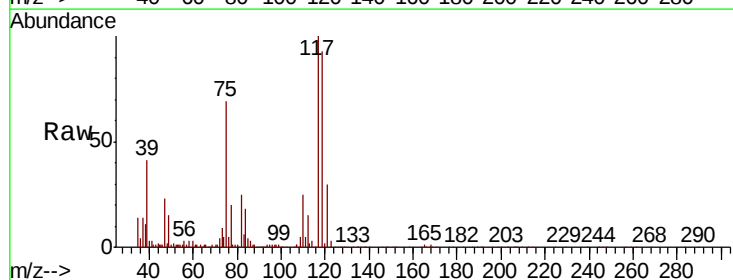
Instrument :
MSVOA_X
ClientSampleID :
VX0316WBS01

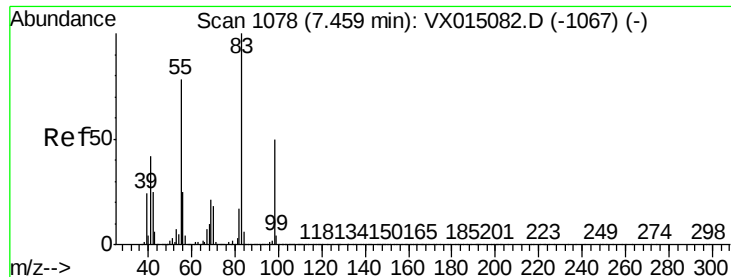
Tot Ion: 43 Resp: 76228
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 11.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.962 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 117 Resp: 71402
Ion Ratio Lower Upper
117 100
119 92.8 76.9 115.3
121 29.3 24.6 37.0

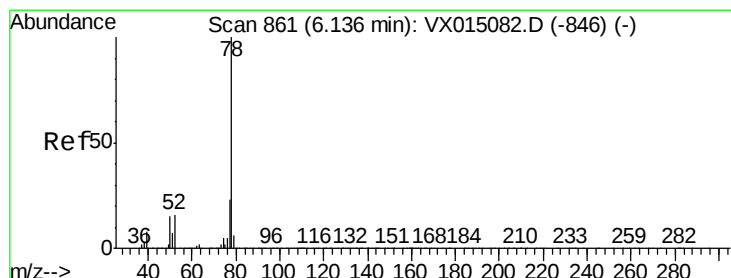
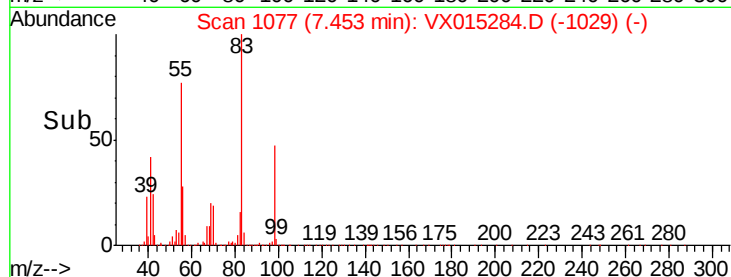
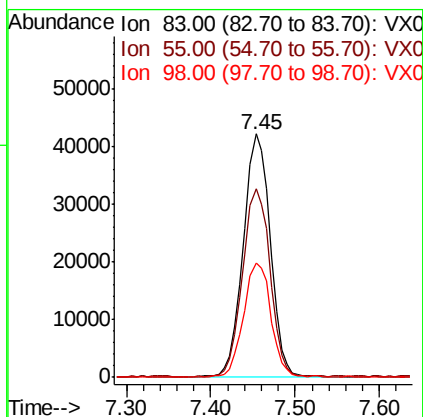
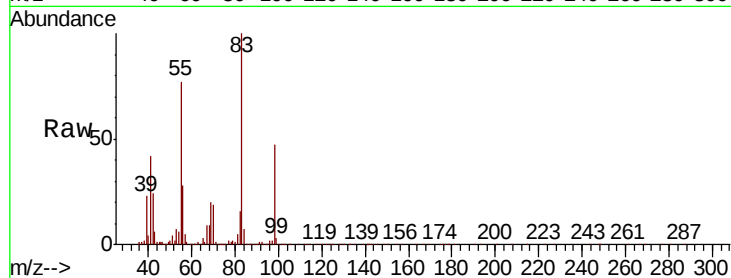




#39
Methylvlcyclohexane
Concen: 19.463 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

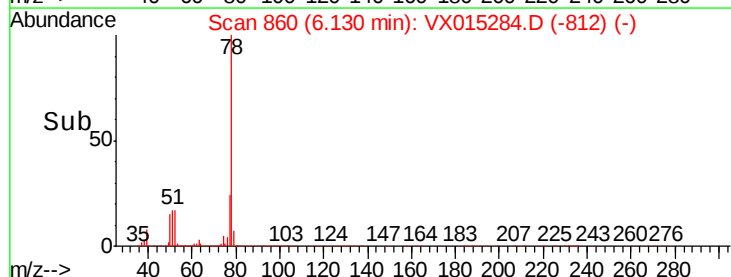
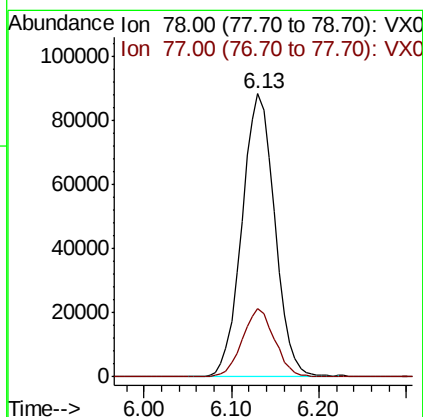
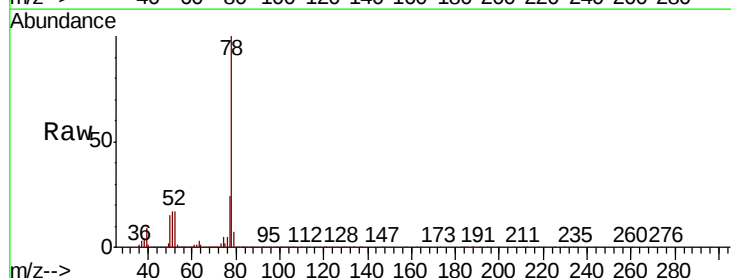
Instrument :
MSVOA_X
ClientSampled :
VX0316WBS01

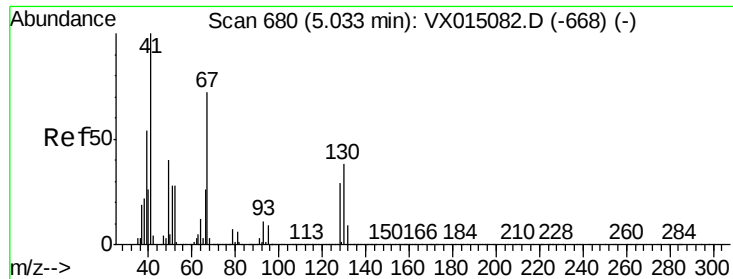
Tot Ion: 83 Resp: 90662
Ion Ratio Lower Upper
83 100
55 77.3 62.4 93.6
98 47.2 39.7 59.5



#40
Benzene
Concen: 19.375 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 78 Resp: 229314
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

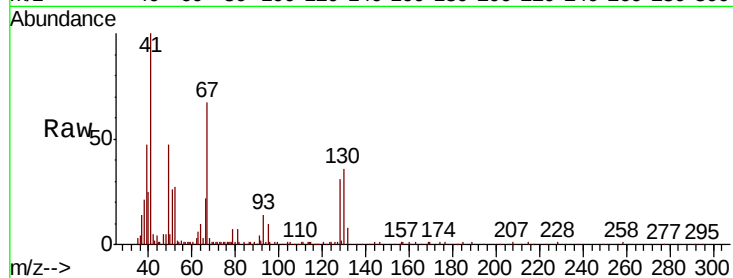




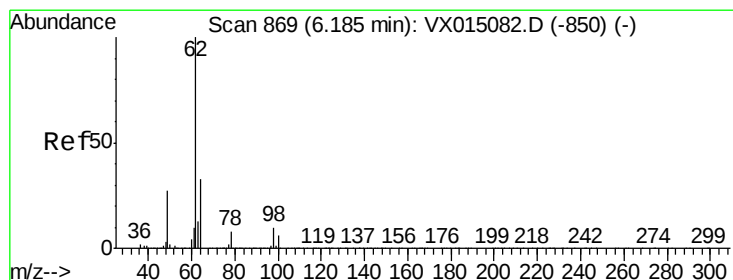
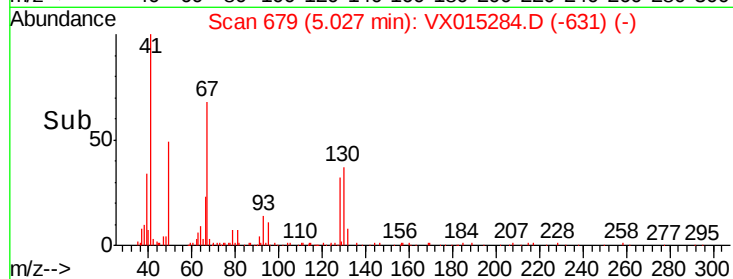
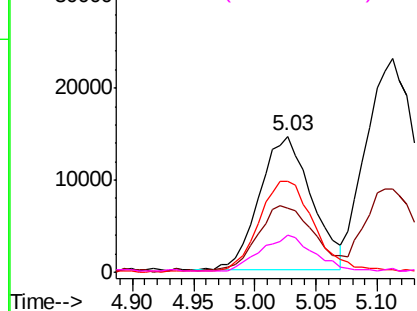
#41
Methacrylonitrile
Concen: 19.526 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampled :
VX0316WBS01

Tot Ion	41	Resp:	43401
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.9	65.9
67	69.3	57.8	86.8
52	26.4	22.6	34.0

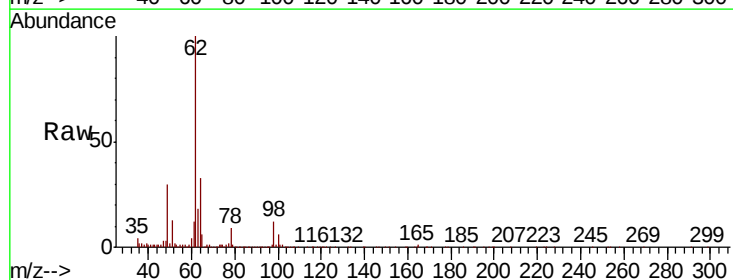


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

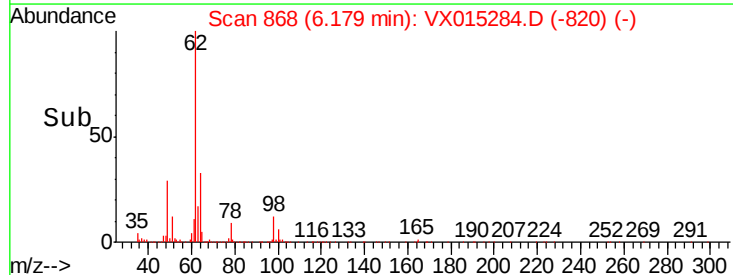
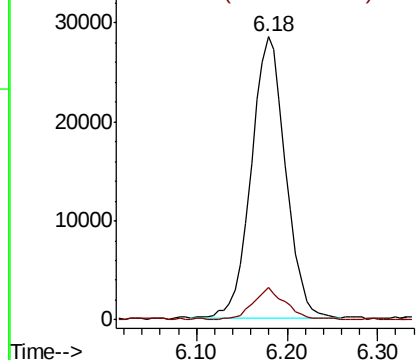


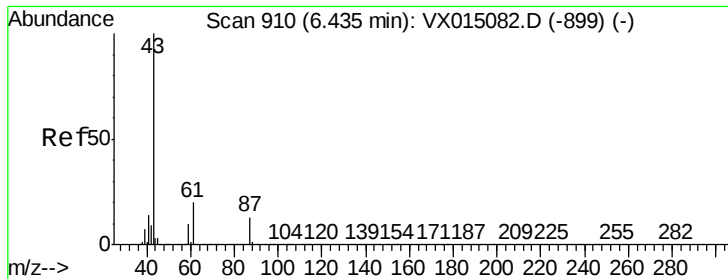
#42
1,2-Dichloroethane
Concen: 18.416 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	62	Resp:	74849
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



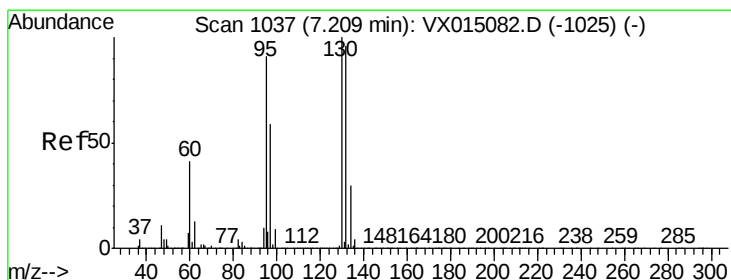
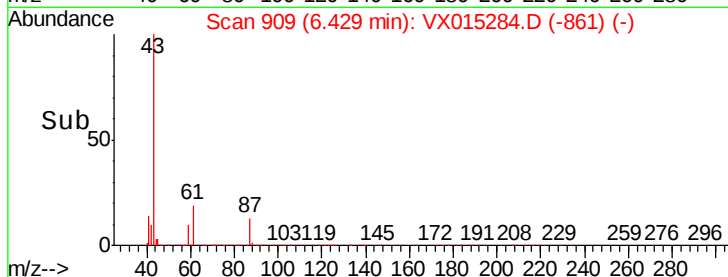
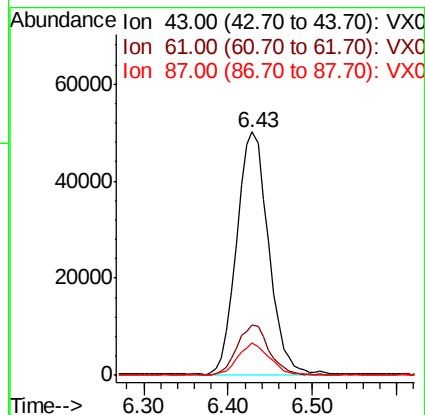
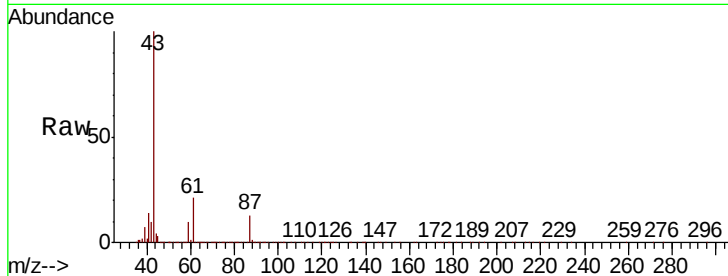


#43

Isopropyl Acetate
 Concen: 19.871 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

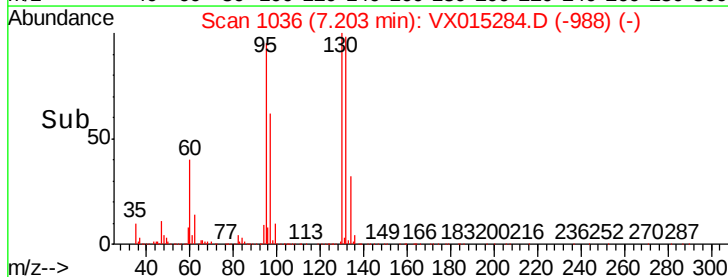
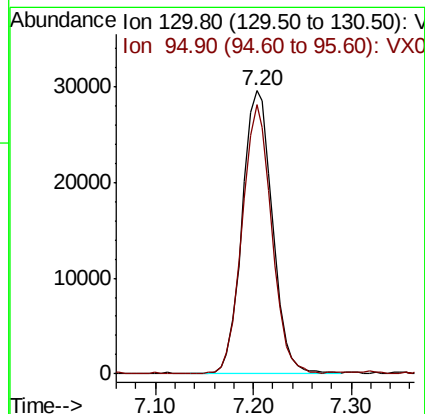
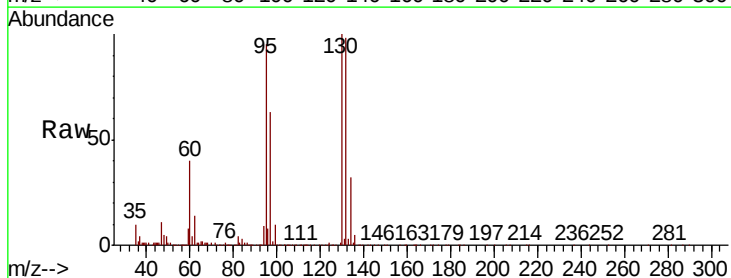
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	13.1	10.6	16.0

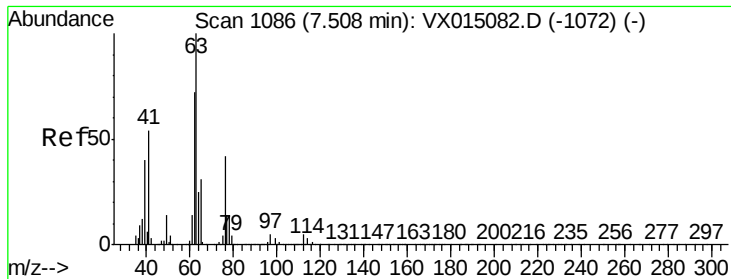


#44

Trichloroethene
 Concen: 19.338 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	181.2





#45

1,2-Dichloropropane

Concen: 19.918 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

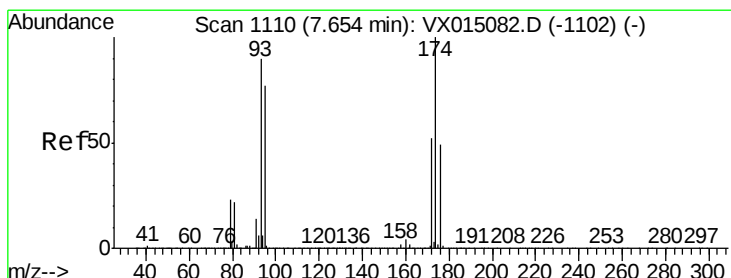
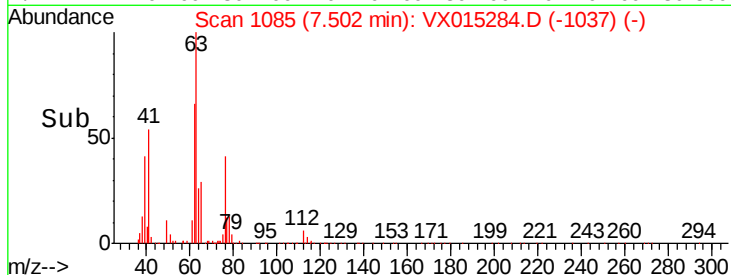
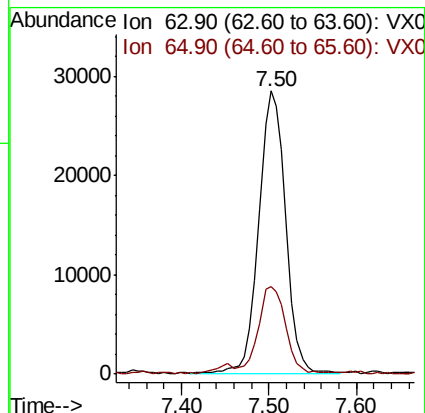
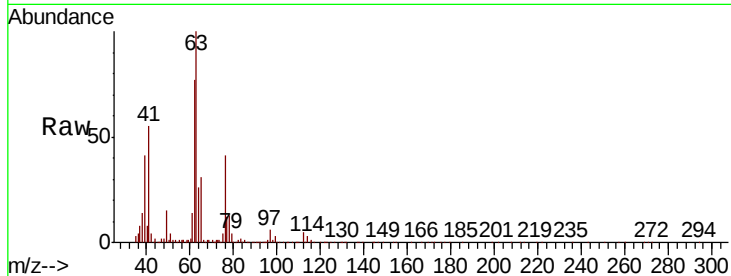
VX0316WBS01

Tot Ion: 63 Resp: 61020

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 18.754 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

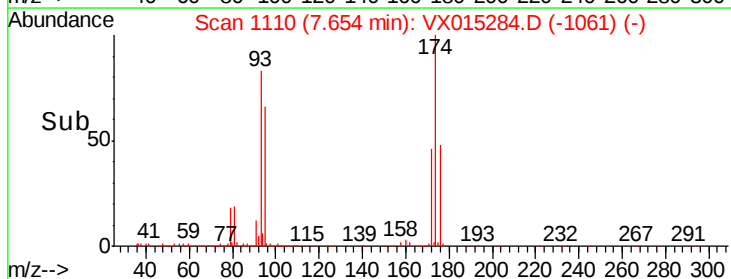
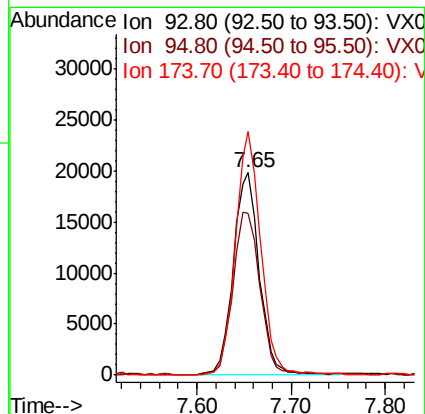
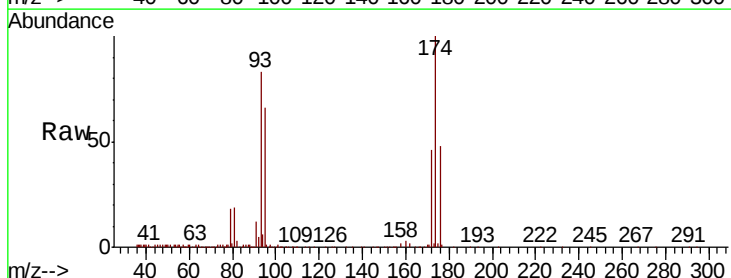
Tgt Ion: 93 Resp: 37436

Ion Ratio Lower Upper

93 100

95 86.1 67.8 101.8

174 119.3 91.0 136.4





#47

Bromodichloromethane

Concen: 19.536 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

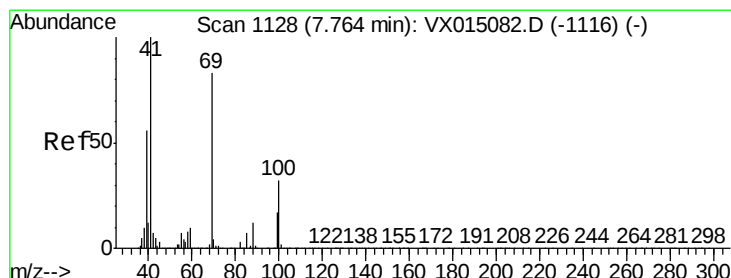
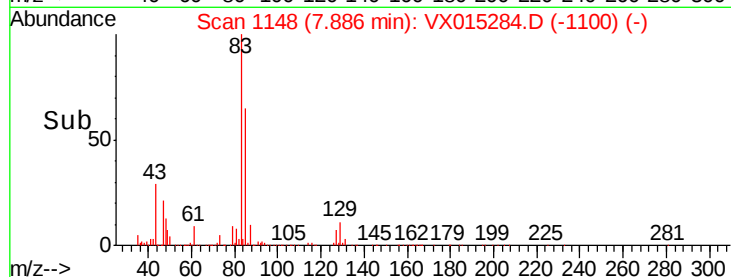
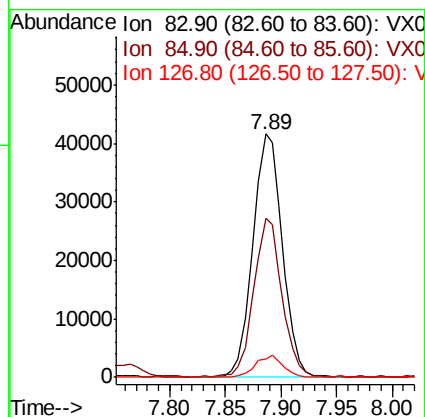
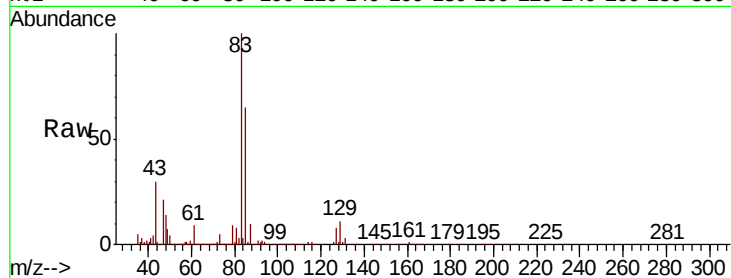
Tot Ion: 83 Resp: 77114

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

127 7.6 7.1 10.7



#48

Methyl methacrylate

Concen: 18.930 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

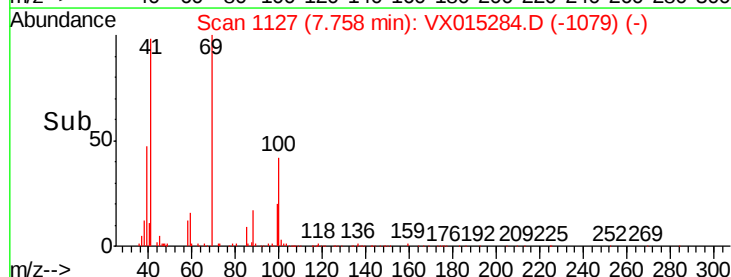
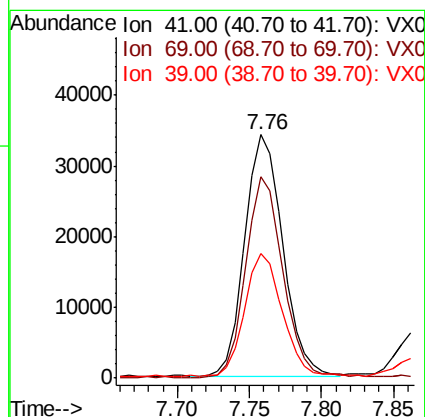
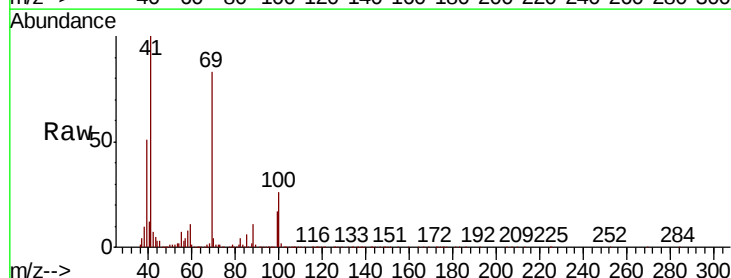
Tgt Ion: 41 Resp: 62721

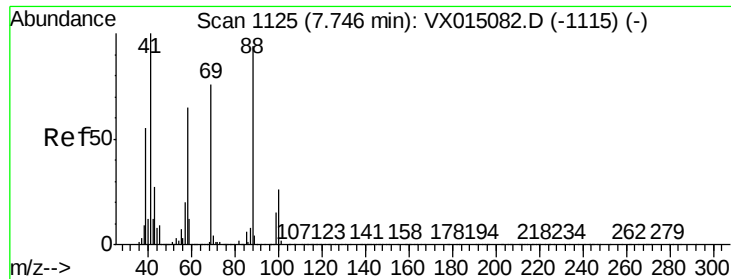
Ion Ratio Lower Upper

41 100

69 82.5 65.4 98.2

39 50.7 44.6 67.0

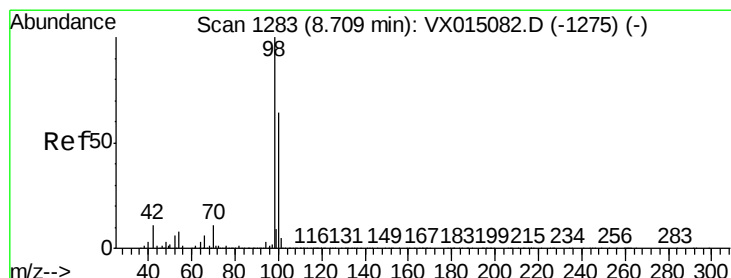
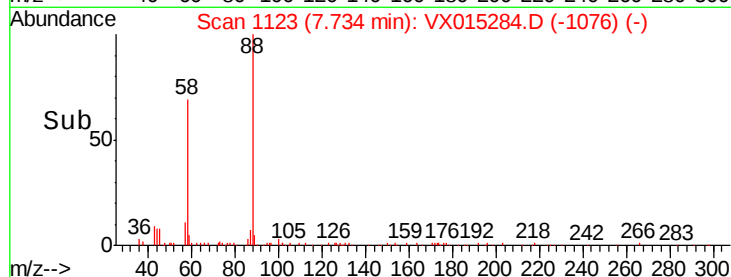
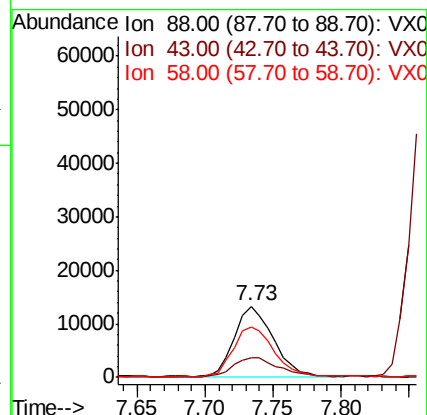
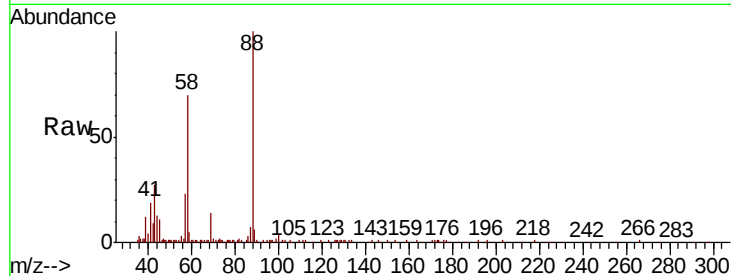




#49
1,4-Dioxane
Concen: 376.781 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

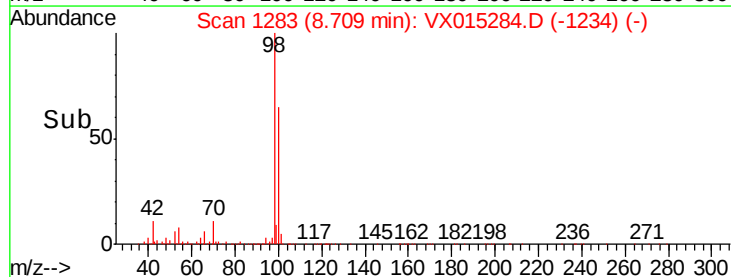
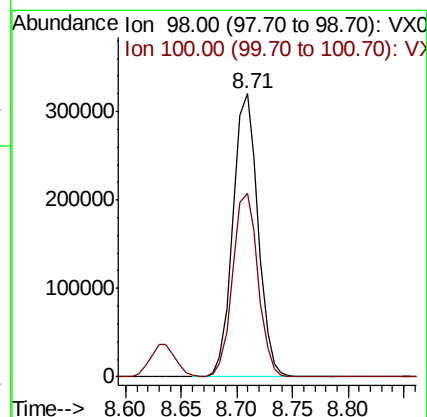
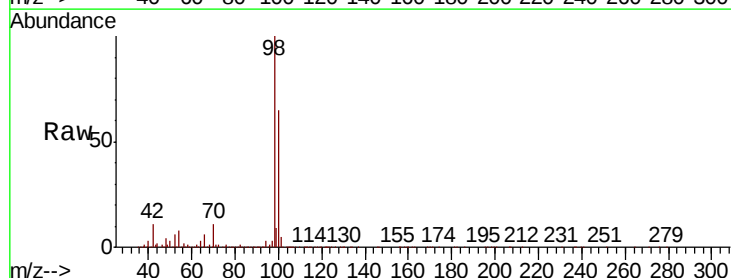
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

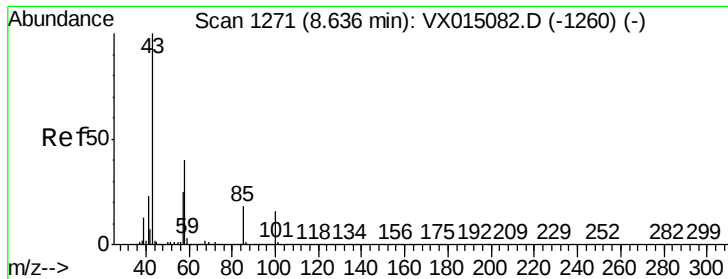
Tot Ion: 88 Resp: 26991
Ion Ratio Lower Upper
88 100
43 29.2 27.0 40.4
58 74.0 55.6 83.4



#50
Toluene-d8
Concen: 48.099 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 98 Resp: 498077
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 101.594 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampled :

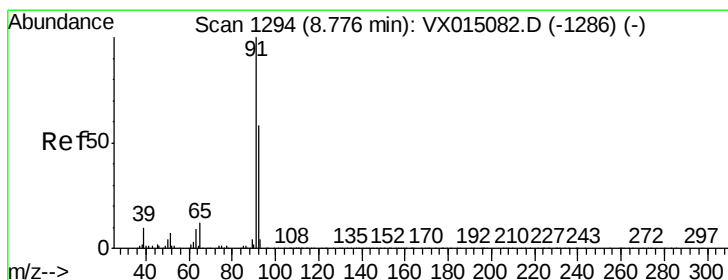
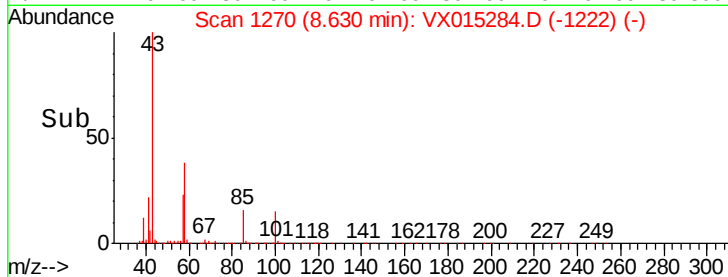
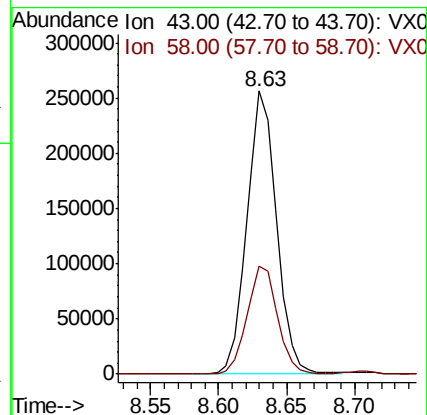
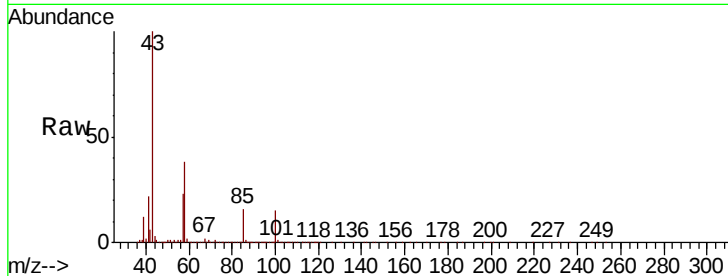
VX0316WBS01

Tot Ion: 43 Resp: 391030

Ion Ratio Lower Upper

43 100

58 39.1 31.6 47.4



#52

Toluene

Concen: 20.147 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015284.D

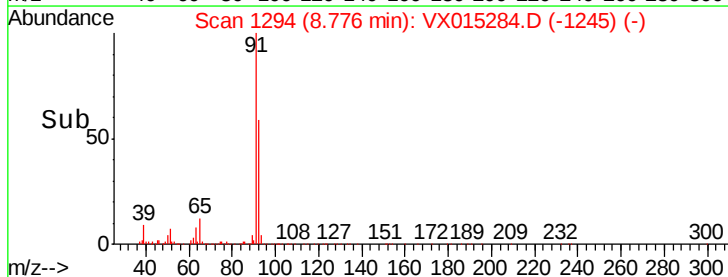
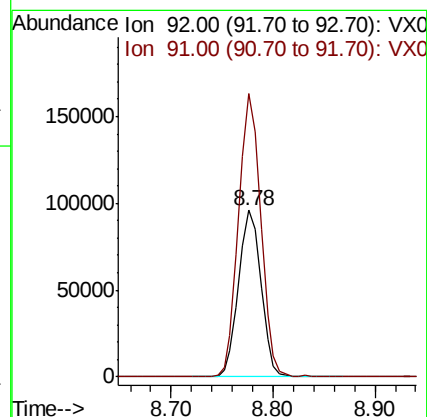
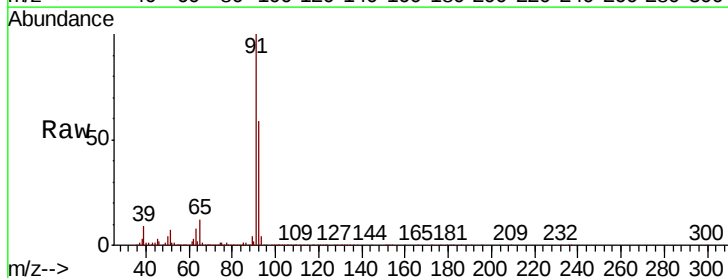
Acq: 16 Mar 2020 11:15

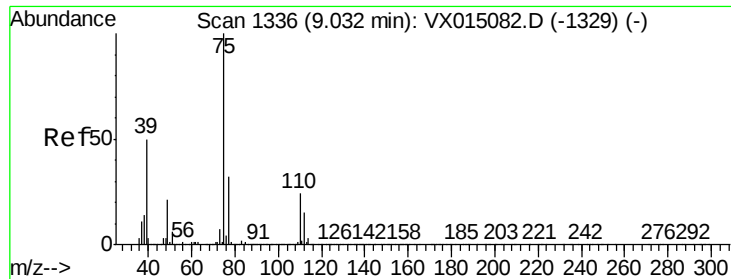
Tgt Ion: 92 Resp: 145794

Ion Ratio Lower Upper

92 100

91 168.3 136.9 205.3

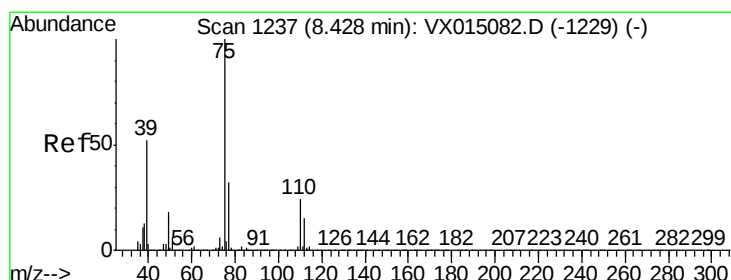
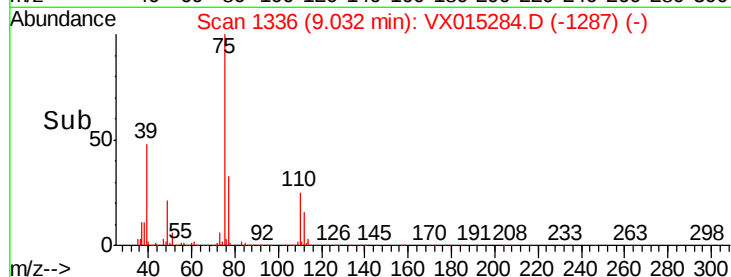
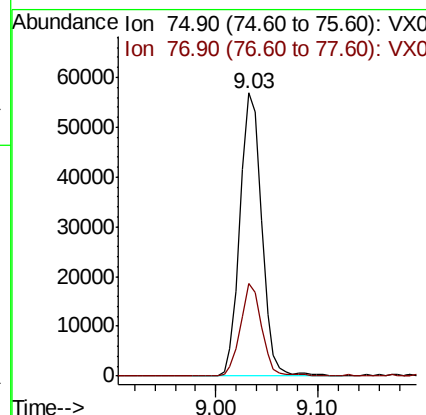
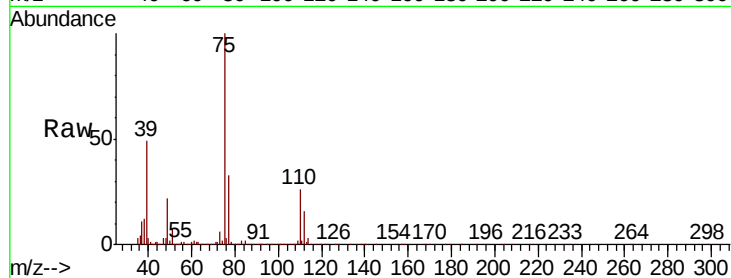




#53
 t-1,3-Dichloropropene
 Concen: 19.735 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

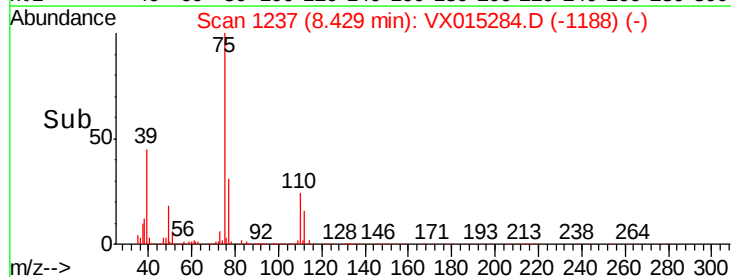
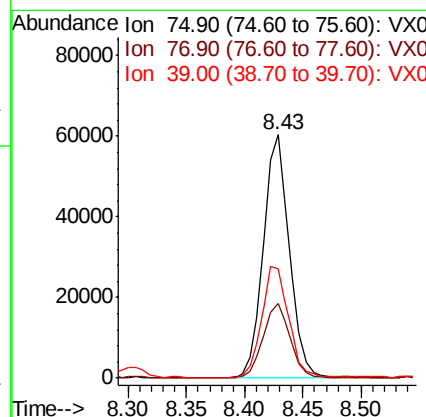
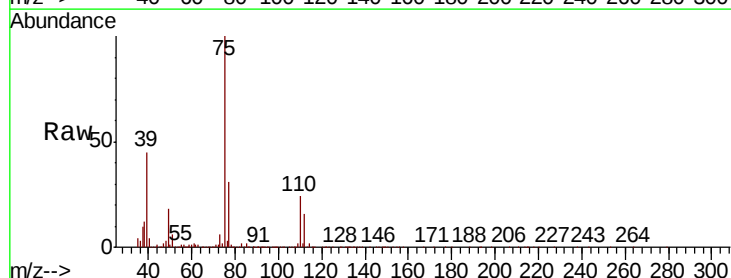
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

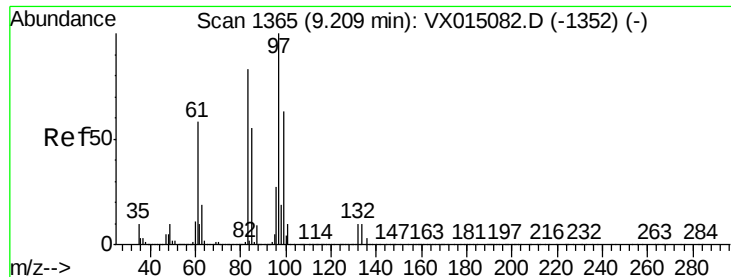
Tot Ion: 75 Resp: 82915
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.786 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion: 75 Resp: 93983
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6
 39 44.8 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 19.479 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 97 Resp: 58019

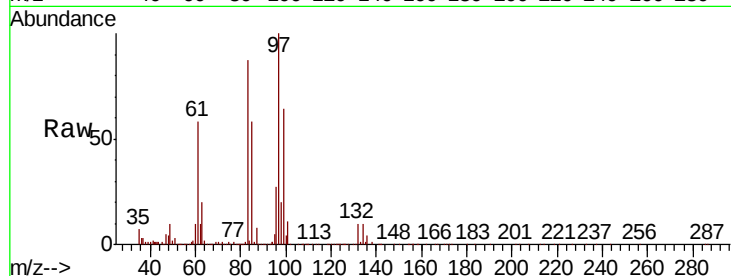
Ion Ratio Lower Upper

97 100

83 87.2 66.4 99.6

85 58.2 43.5 65.3

99 63.2 50.7 76.1

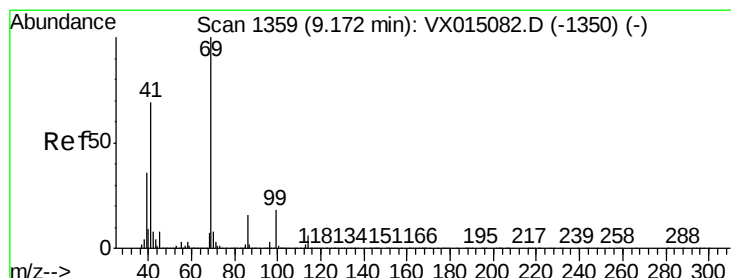
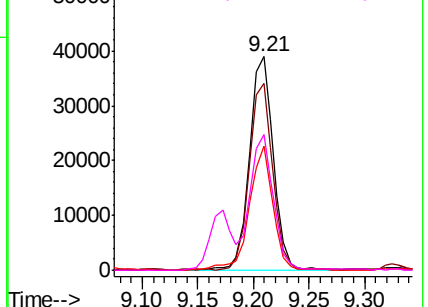
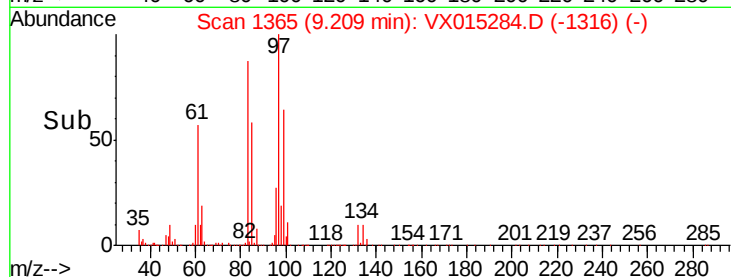


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.450 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

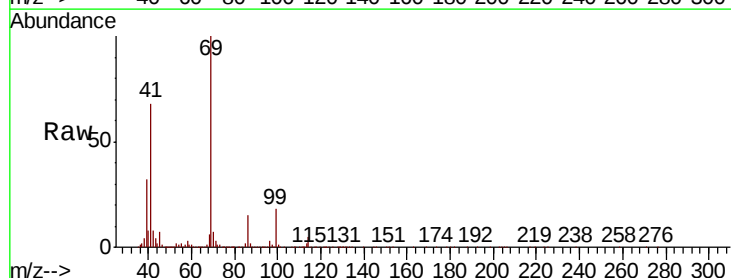
Tgt Ion: 69 Resp: 86881

Ion Ratio Lower Upper

69 100

41 67.7 55.8 83.8

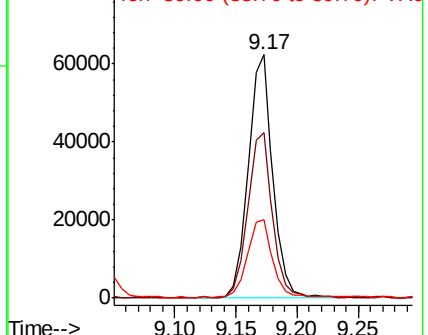
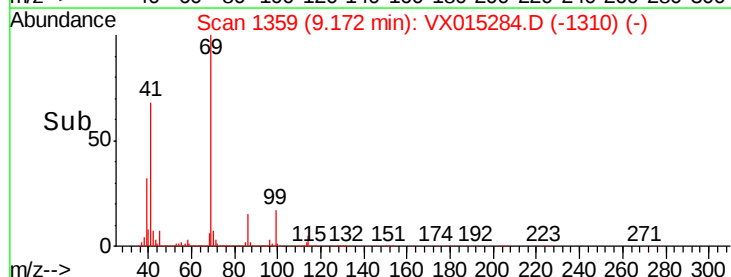
39 32.5 29.4 44.2

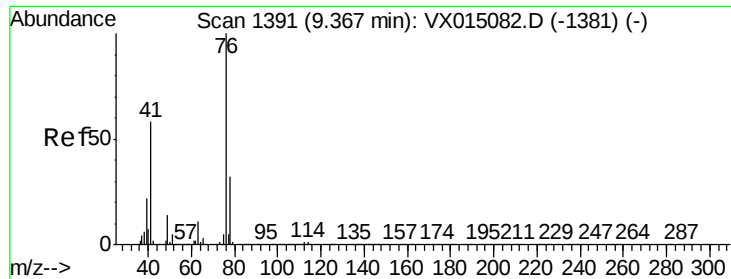


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.736 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

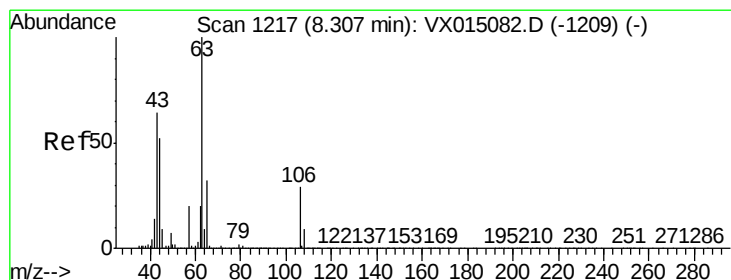
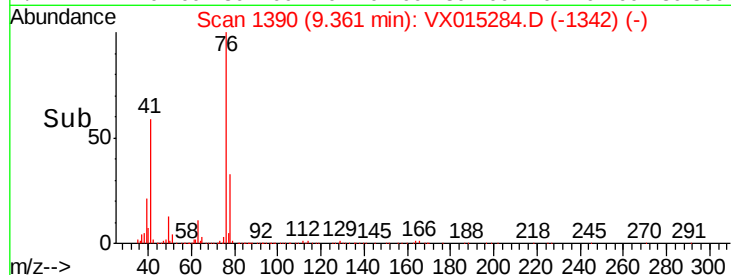
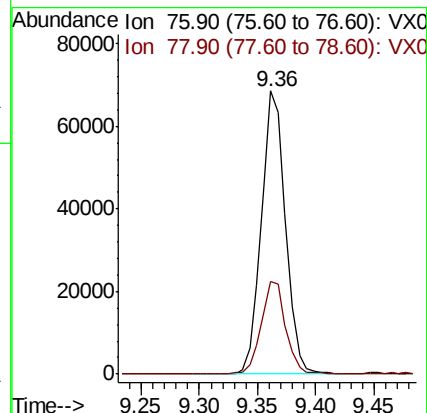
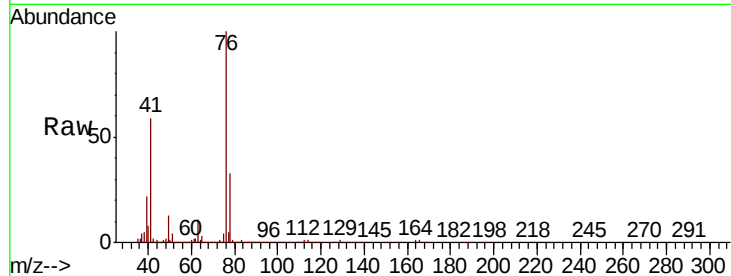
VX0316WBS01

Tot Ion: 76 Resp: 98899

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.371 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015284.D

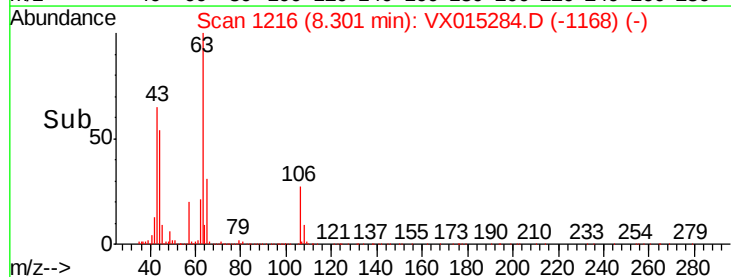
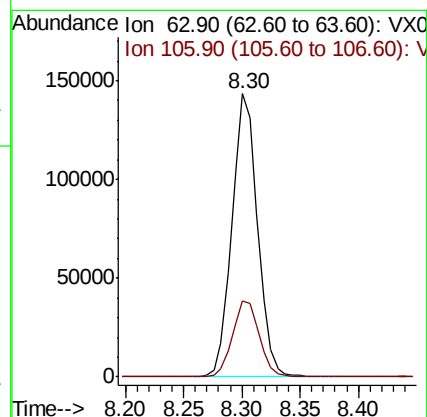
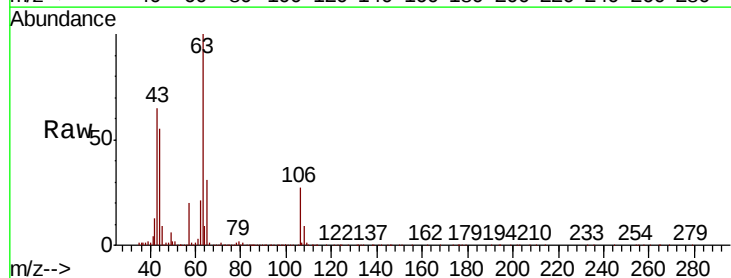
Acq: 16 Mar 2020 11:15

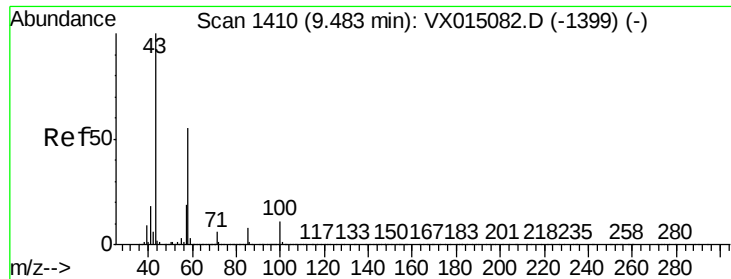
Tgt Ion: 63 Resp: 218422

Ion Ratio Lower Upper

63 100

106 28.2 22.8 34.2

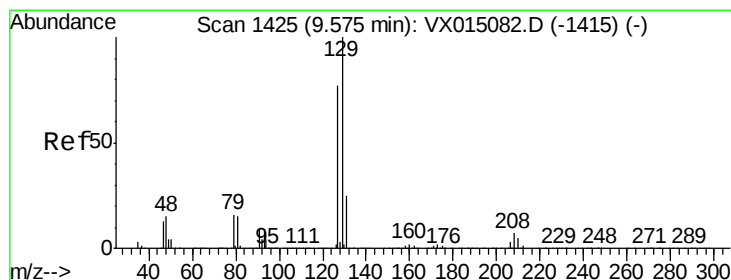
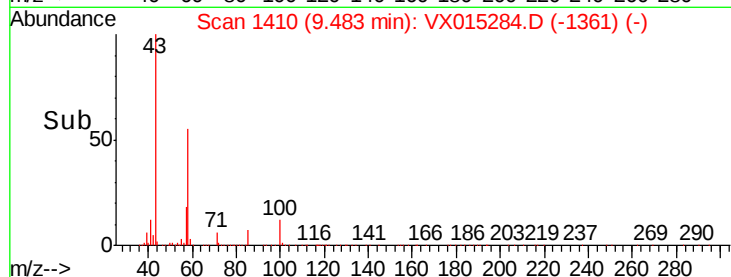
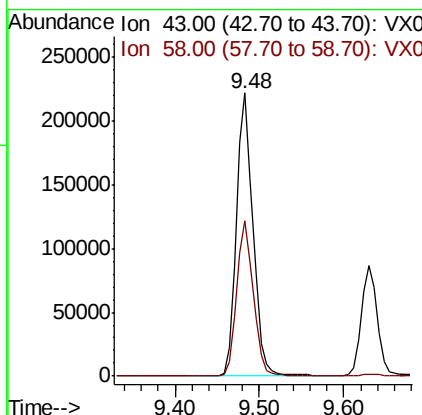
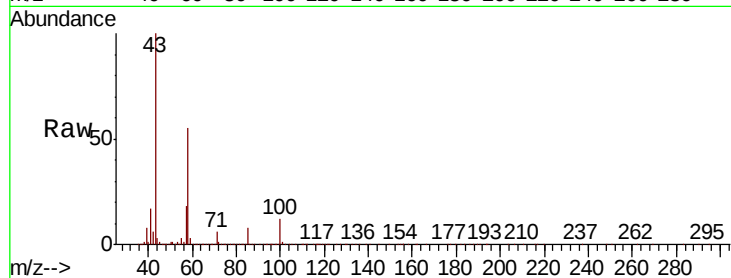




#59
2-Hexanone
Concen: 102.643 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

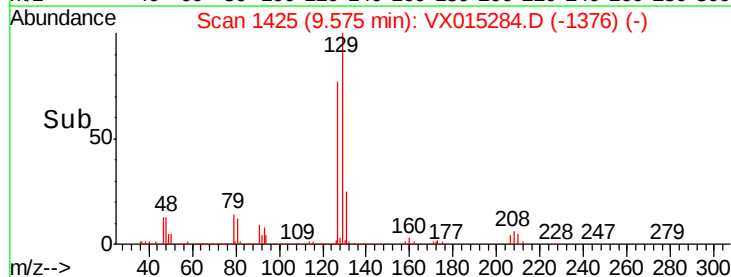
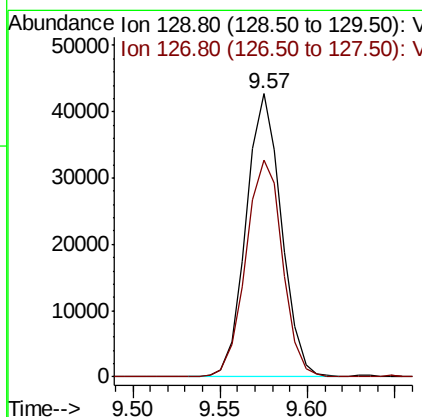
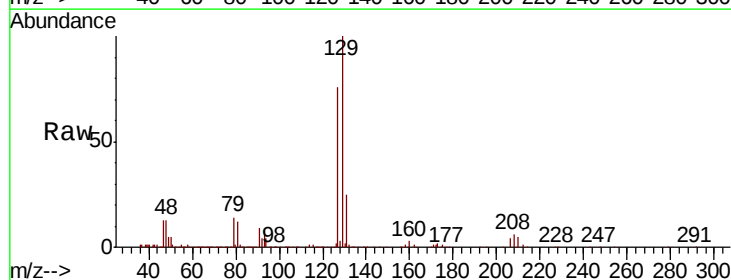
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

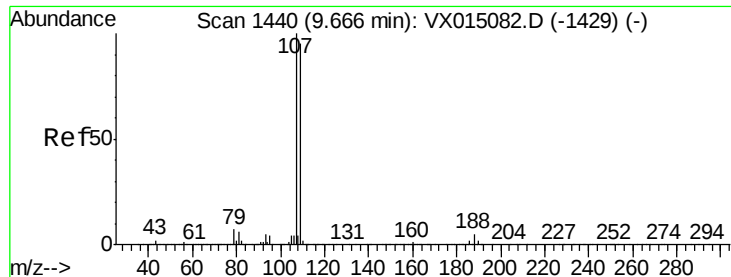
Tot Ion: 43 Resp: 292817
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8



#60
Dibromochloromethane
Concen: 19.269 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 129 Resp: 60289
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.895 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

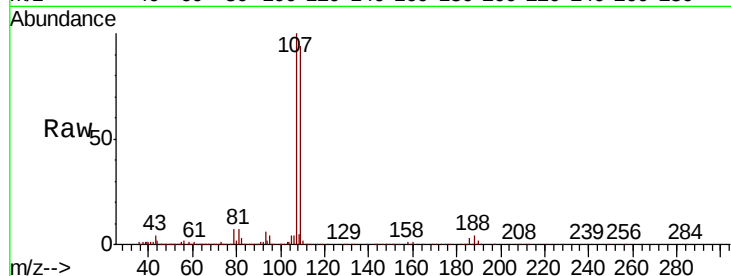
VX0316WBS01

Tot Ion:107 Resp: 59114

Ion Ratio Lower Upper

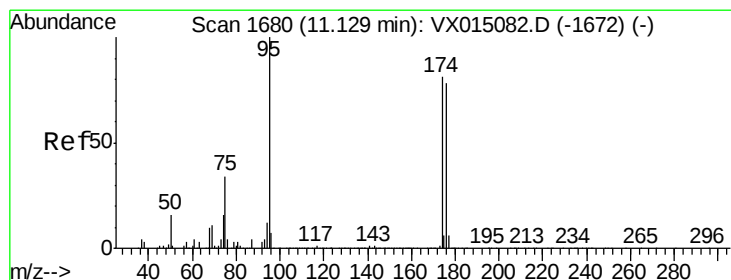
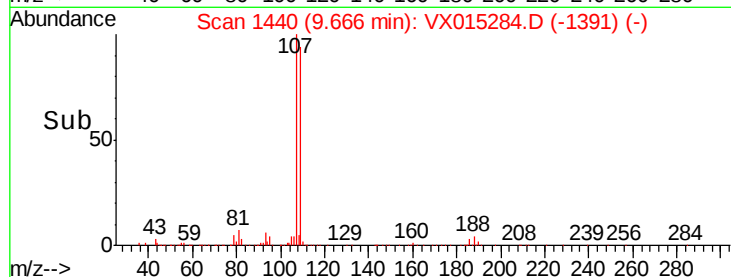
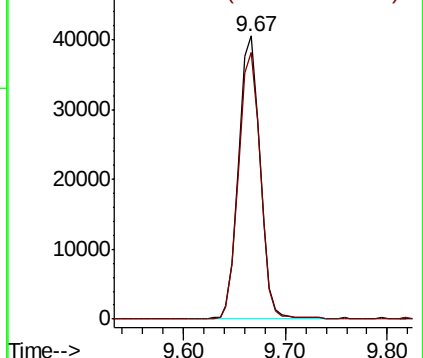
107 100

109 94.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.960 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

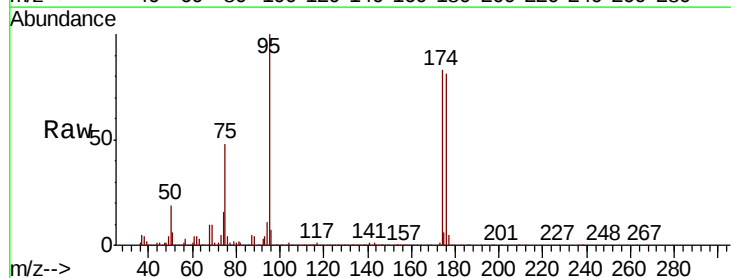
Tgt Ion: 95 Resp: 180840

Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.6

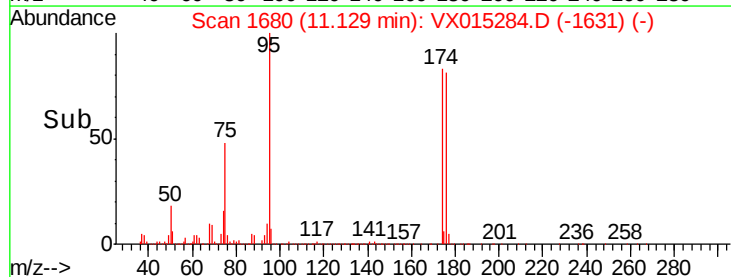
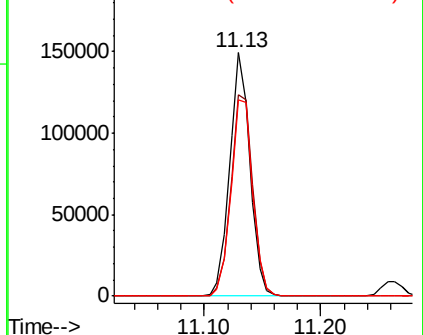
176 87.4 0.0 170.2

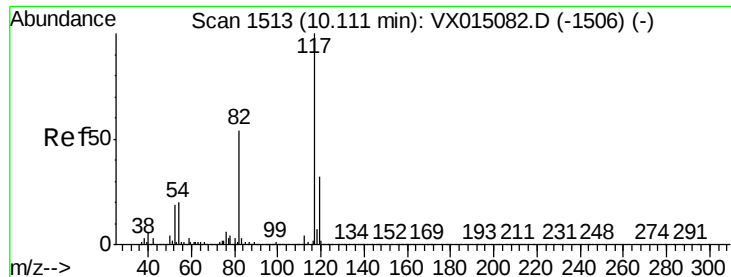


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

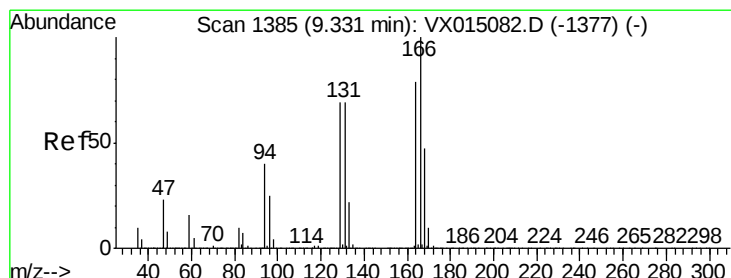
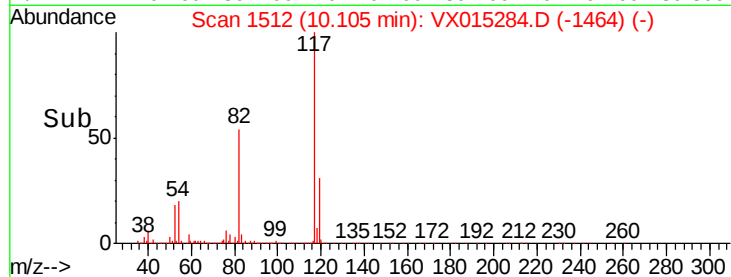
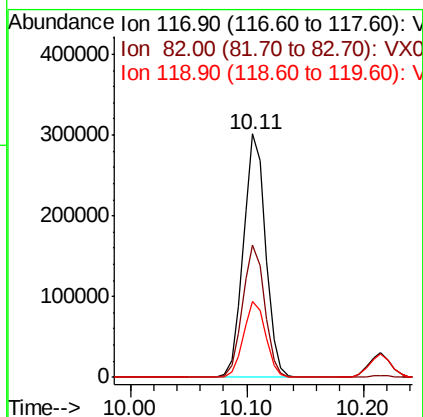
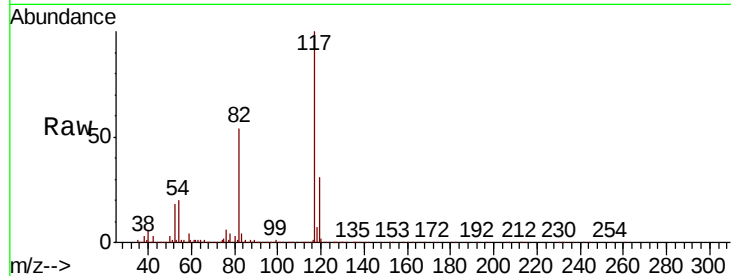




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

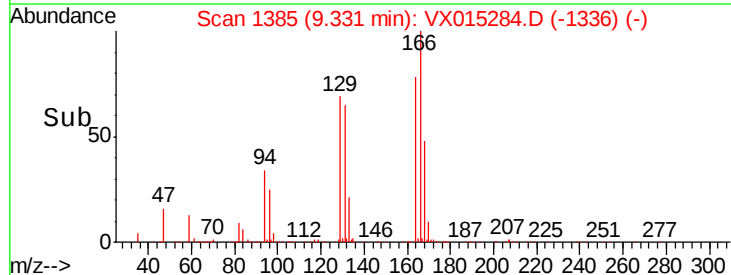
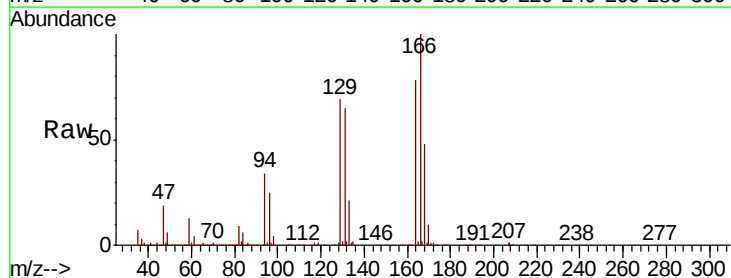
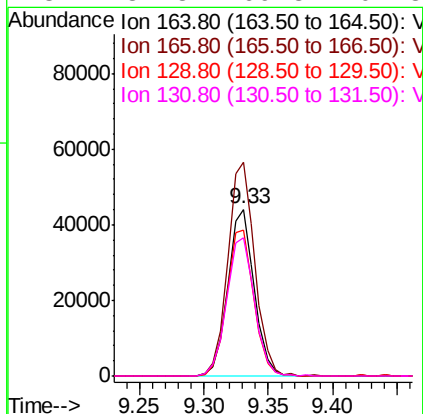
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

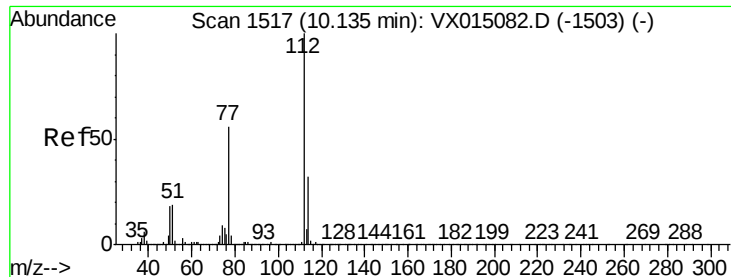
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	31.1	25.8	38.8



#64
Tetrachloroethene
Concen: 19.046 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.1	151.7
129	87.7	69.4	104.0
131	82.8	69.8	104.8





#65

Chlorobenzene

Concen: 19.114 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

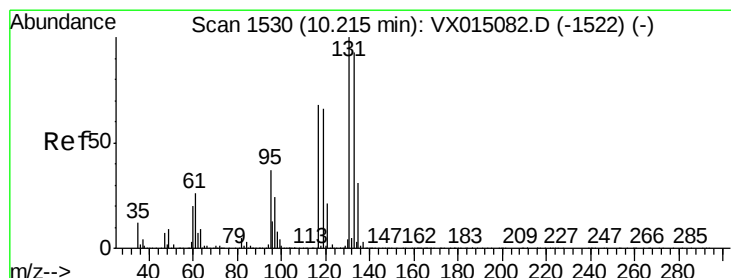
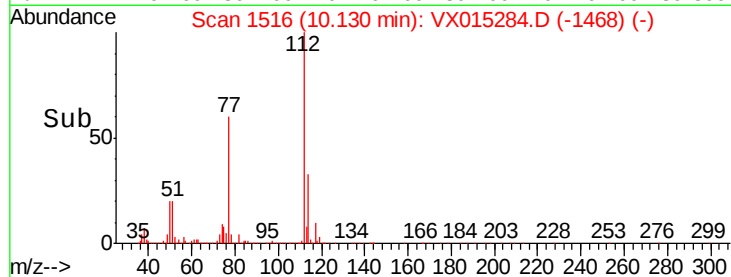
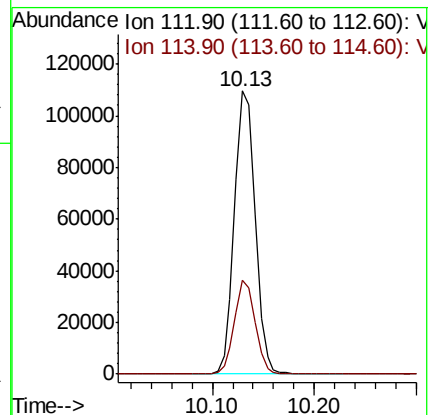
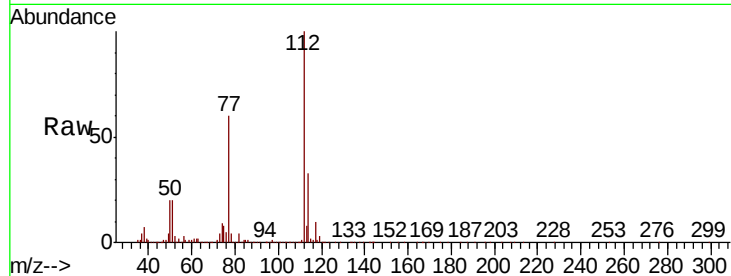
VX0316WBS01

Tot Ion:112 Resp: 154077

Ion Ratio Lower Upper

112 100

114 33.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.931 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

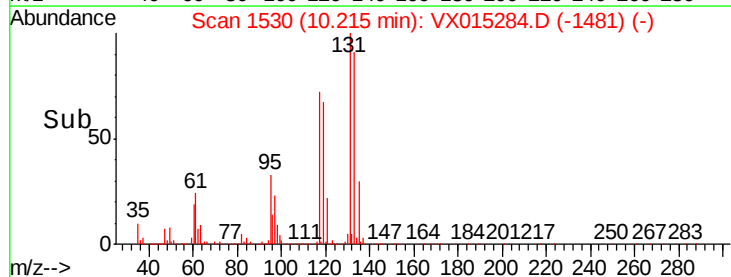
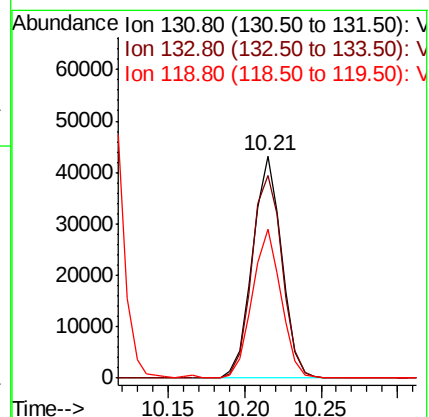
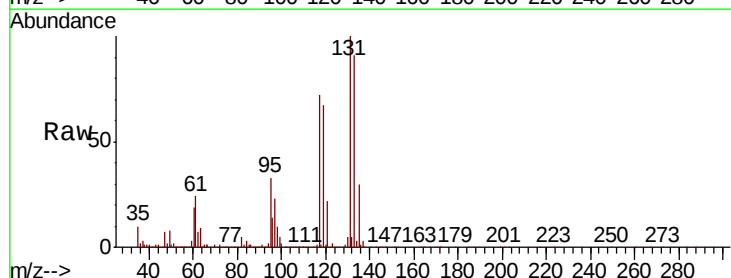
Tgt Ion:131 Resp: 57541

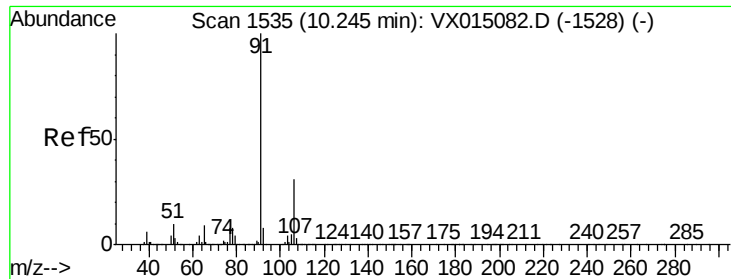
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.5

119 66.3 33.4 100.1

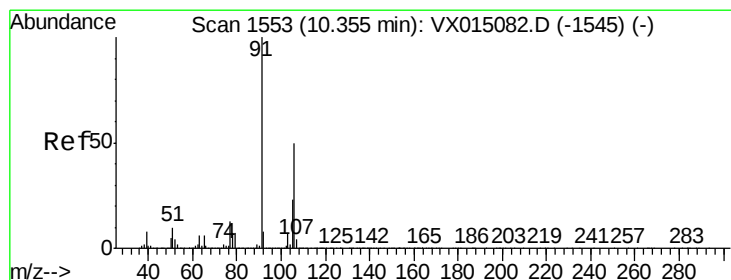
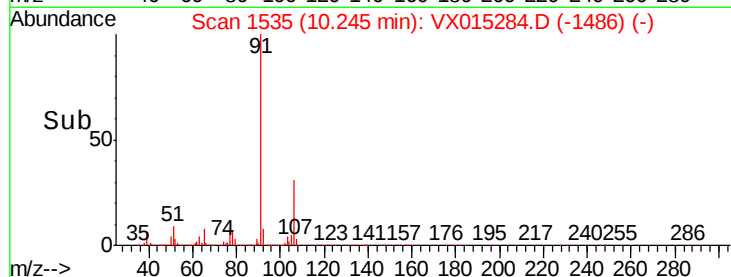
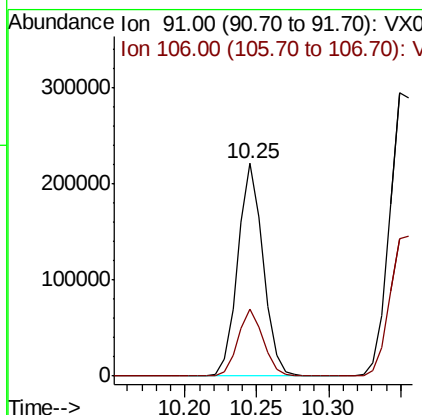
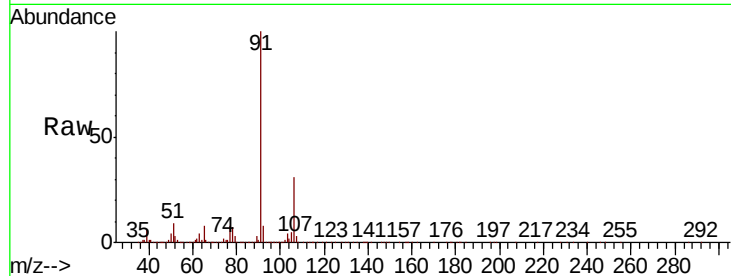




#67
Ethyl Benzene
Concen: 19.693 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

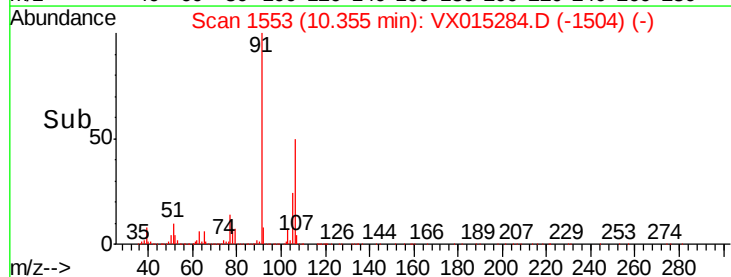
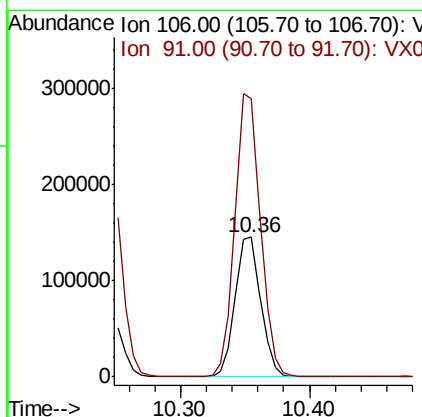
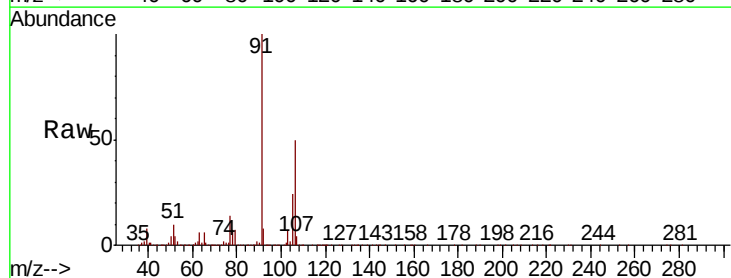
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

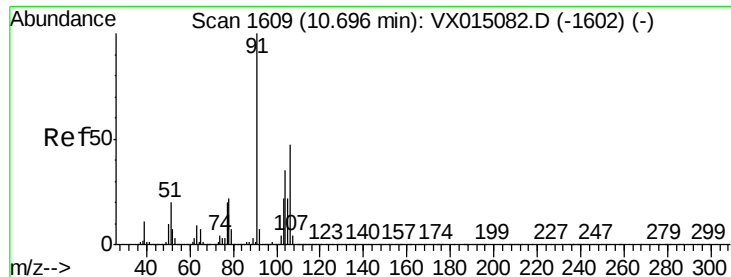
Tot Ion: 91 Resp: 269558
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 38.876 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 106 Resp: 202460
Ion Ratio Lower Upper
106 100
91 202.0 159.4 239.2

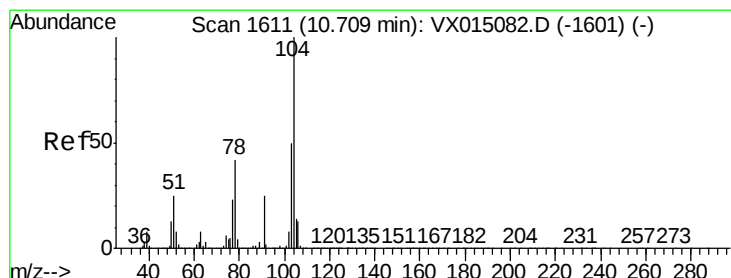
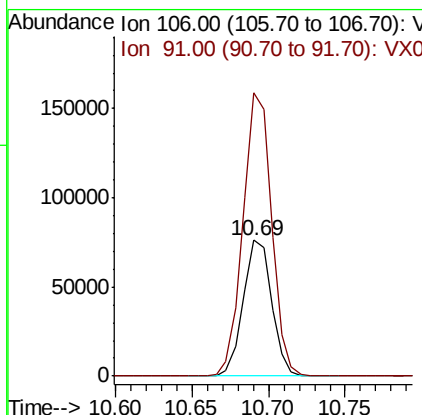
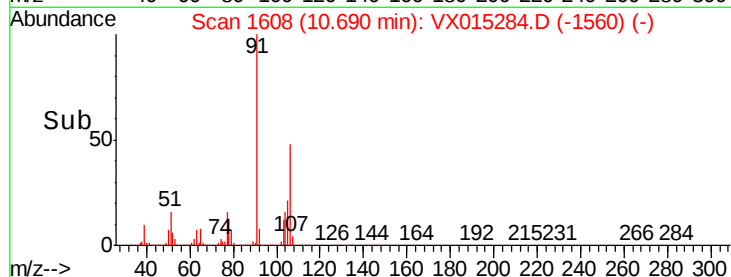
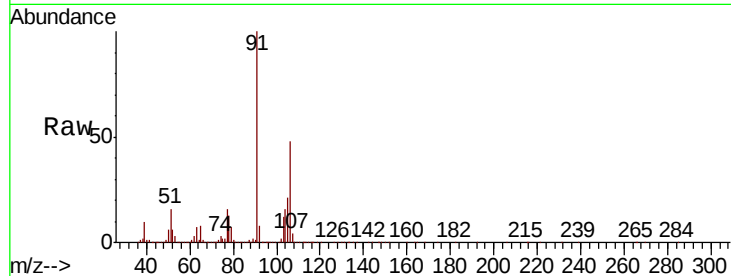




#69
o-Xylene
Concen: 19.853 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

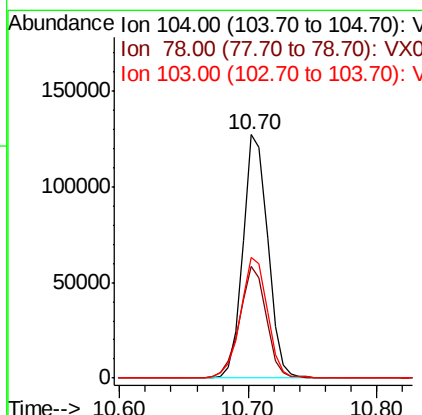
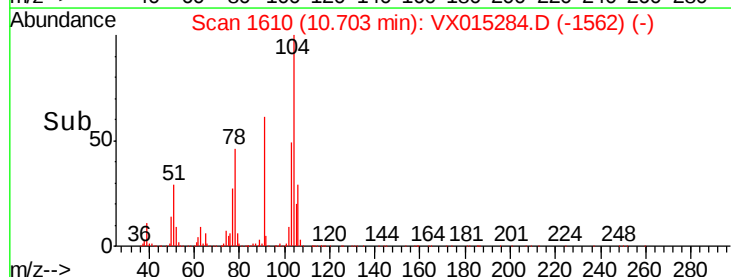
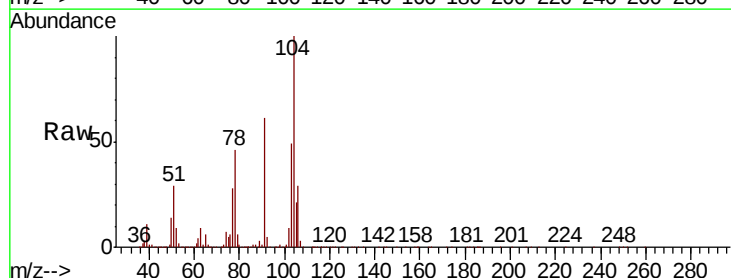
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

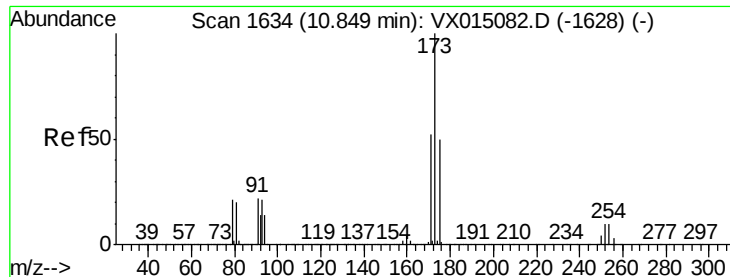
Tot Ion:106 Resp: 98990
Ion Ratio Lower Upper
106 100
91 208.3 105.4 316.1



#70
Styrene
Concen: 19.847 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:104 Resp: 169674
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 53.6 43.7 65.5

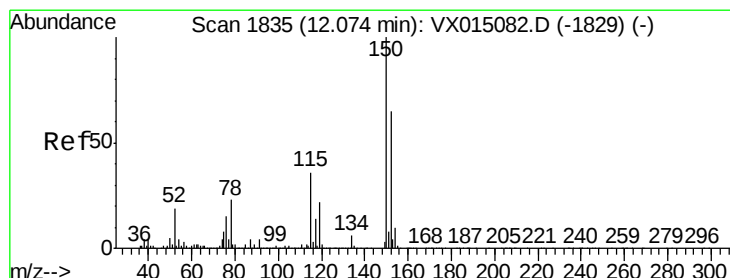
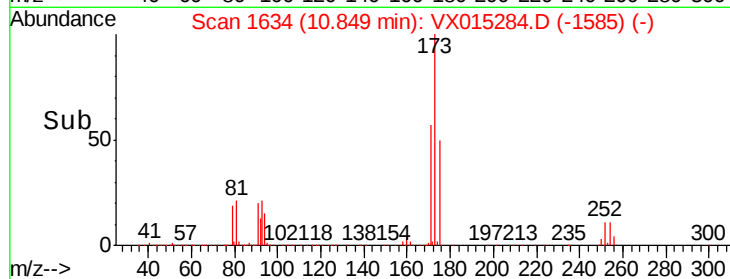
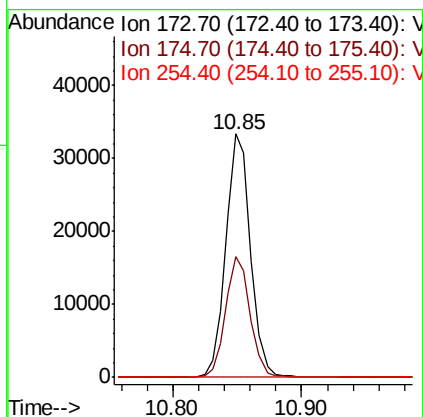
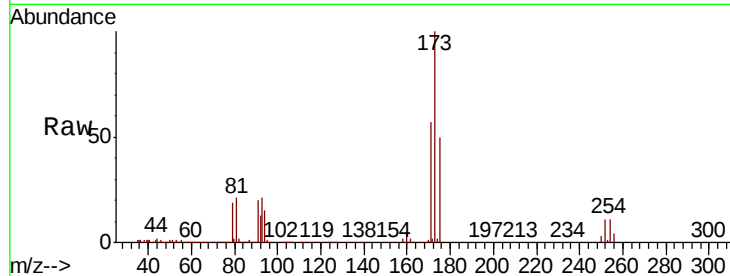




#71
Bromoform
Concen: 19.104 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

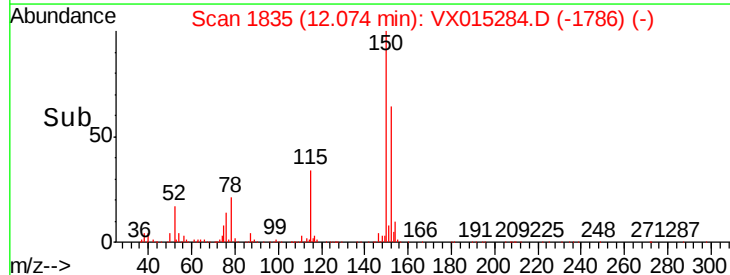
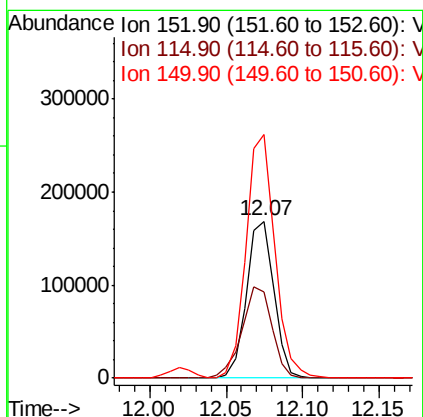
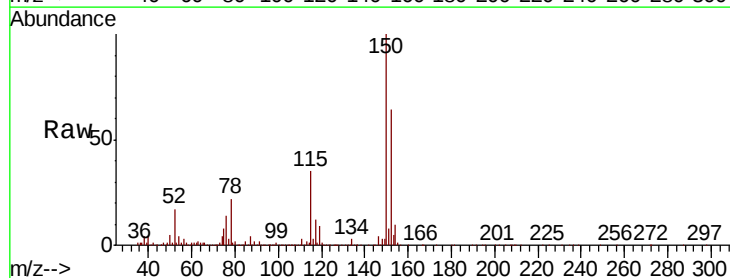
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

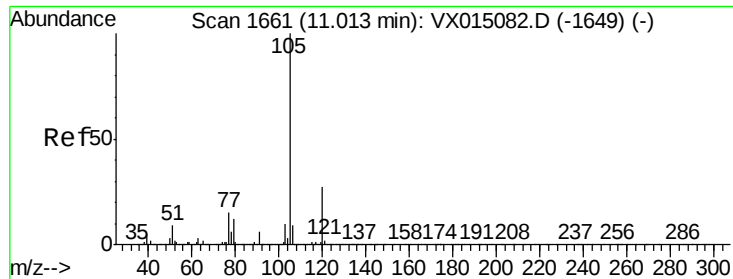
Tot Ion:173 Resp: 45029
Ion Ratio Lower Upper
173 100
175 49.5 24.9 74.7
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:152 Resp: 210112
Ion Ratio Lower Upper
152 100
115 63.9 38.2 114.6
150 162.8 0.0 343.8





#73

Isopropylbenzene

Concen: 19.777 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

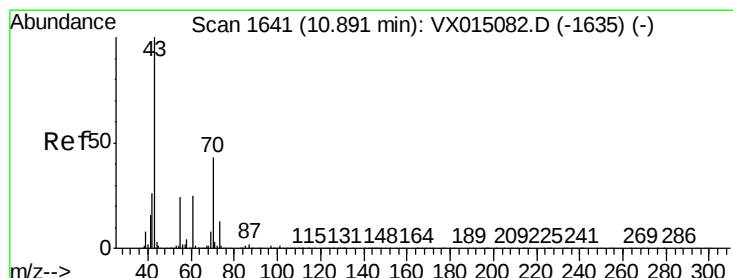
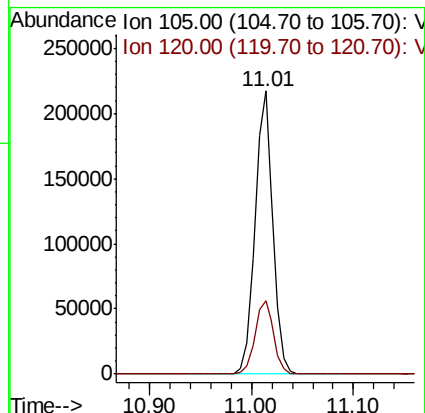
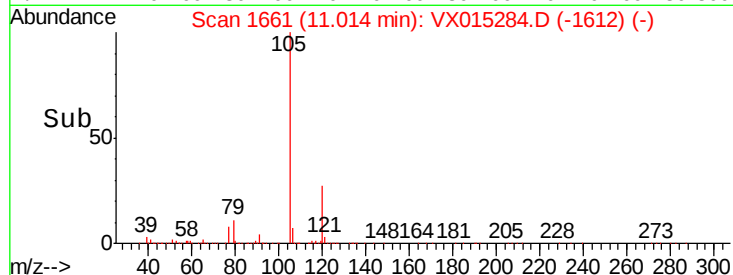
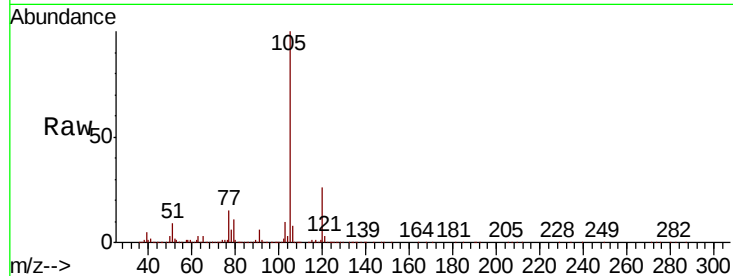
VX0316WBS01

Tot Ion:105 Resp: 265453

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 19.098 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion: 43 Resp: 108031

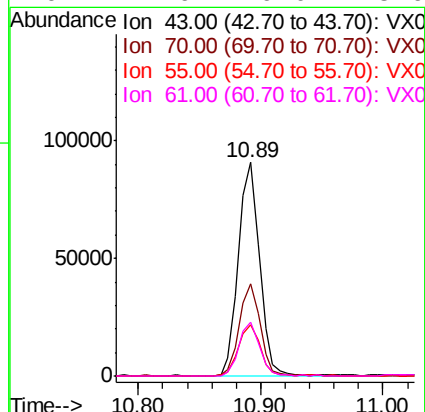
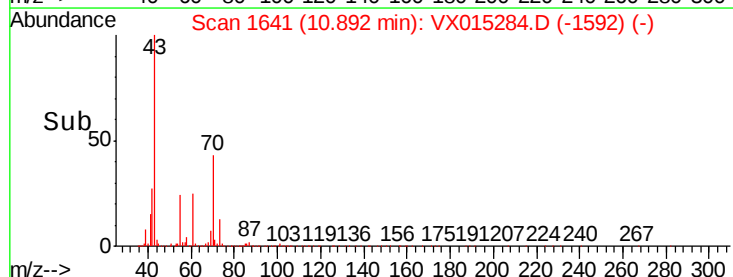
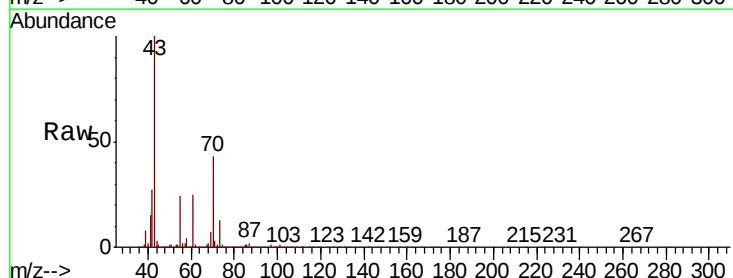
Ion Ratio Lower Upper

43 100

70 42.6 34.7 52.1

55 24.7 19.4 29.0

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.629 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

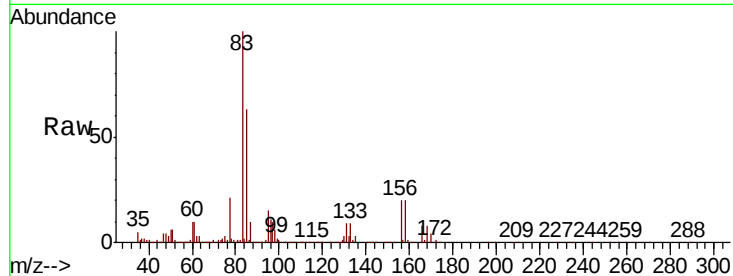
Tot Ion: 83 Resp: 83330

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

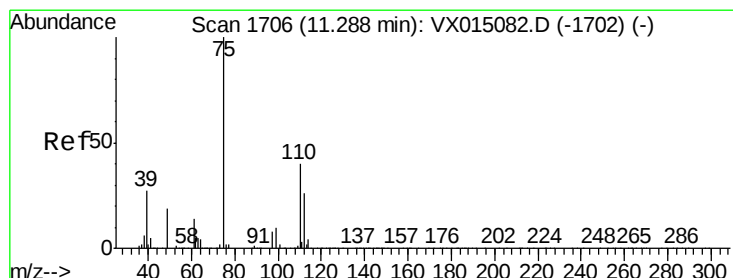
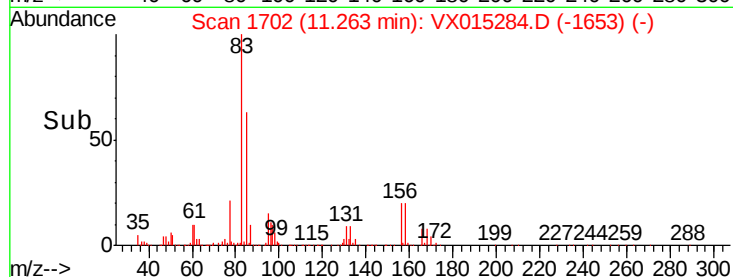
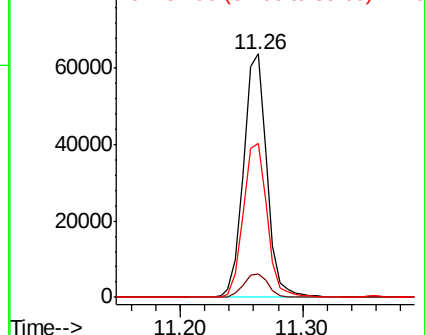
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.445 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015284.D

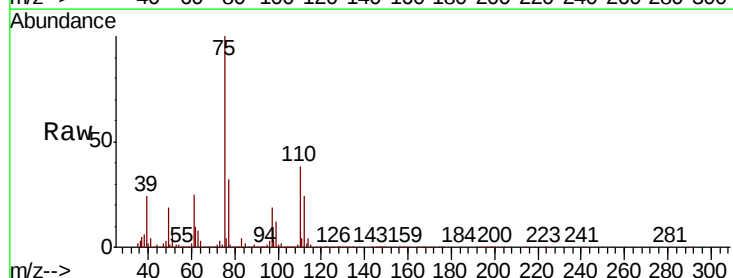
Acq: 16 Mar 2020 11:15

Tgt Ion: 75 Resp: 94069

Ion Ratio Lower Upper

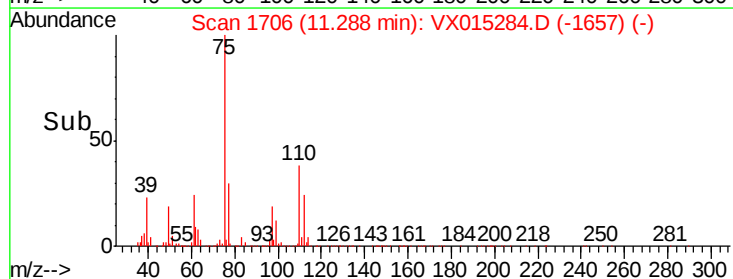
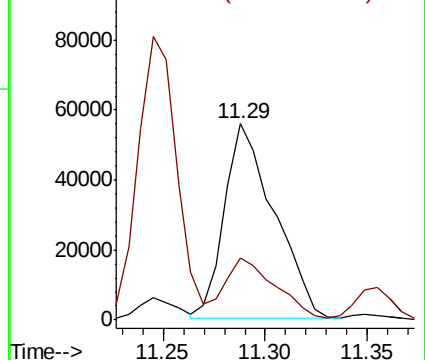
75 100

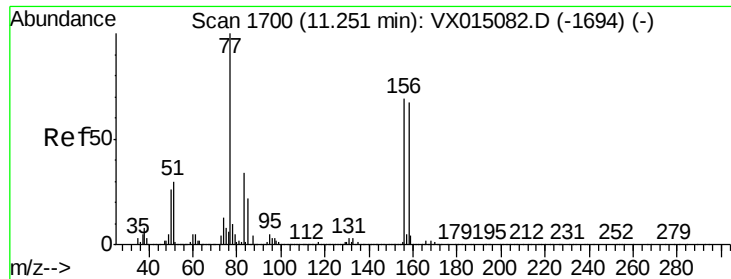
77 32.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.606 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

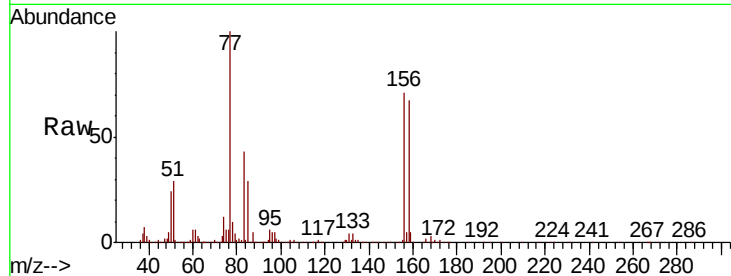
Tot Ion:156 Resp: 69596

Ion Ratio Lower Upper

156 100

77 153.9 75.3 225.9

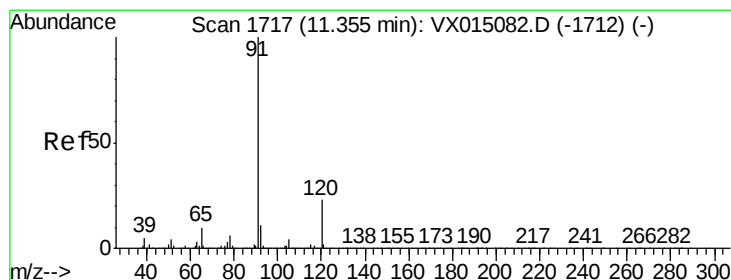
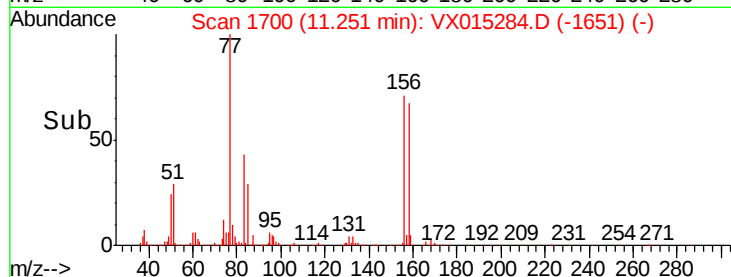
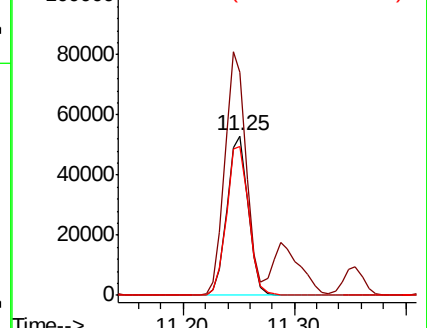
158 98.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.136 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015284.D

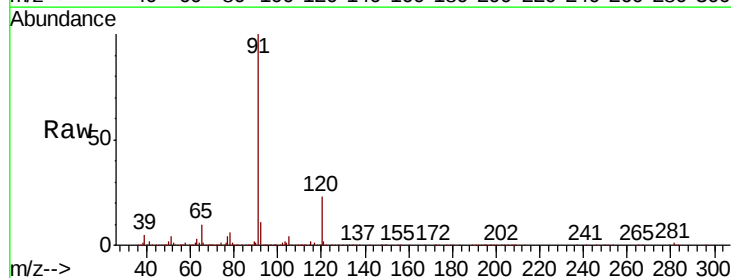
Acq: 16 Mar 2020 11:15

Tgt Ion: 91 Resp: 308775

Ion Ratio Lower Upper

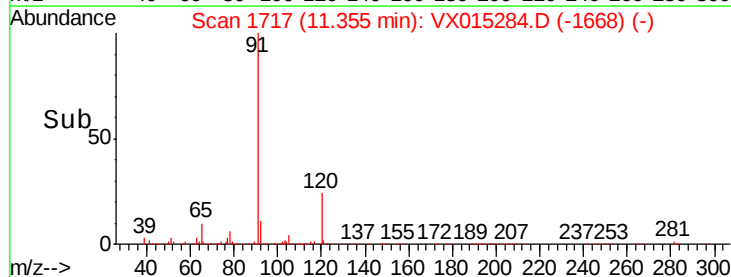
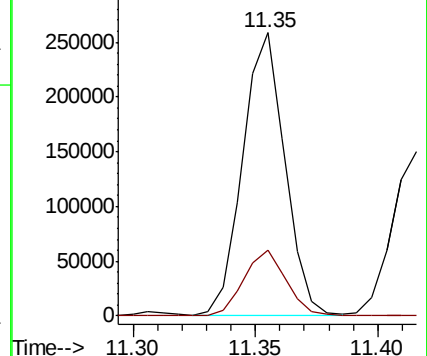
91 100

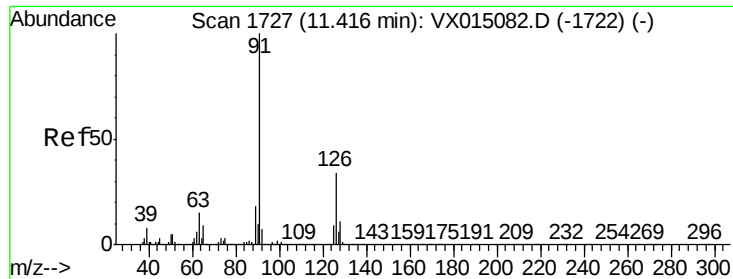
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

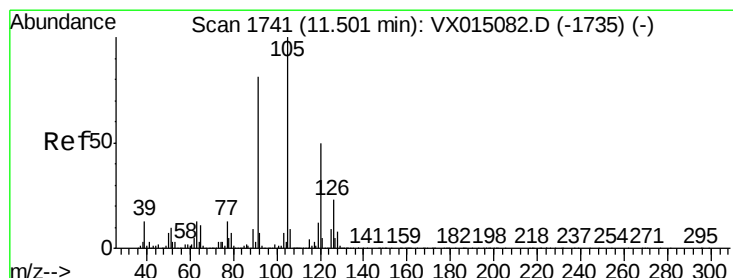
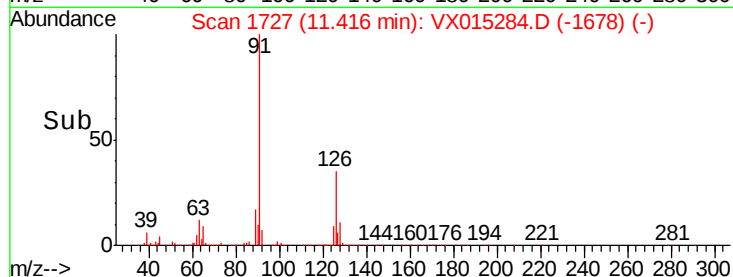
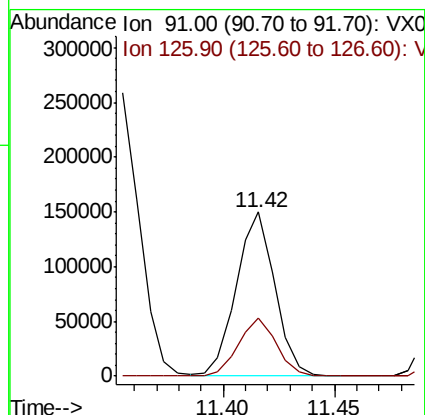
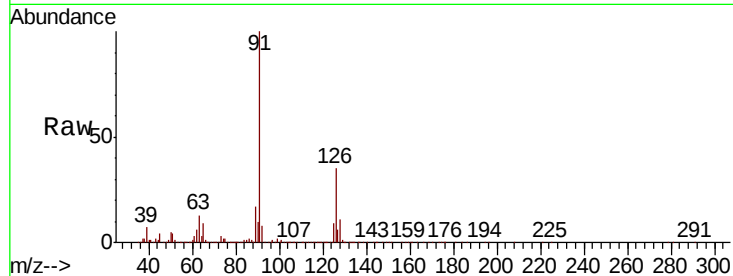




#79
 2-Chlorotoluene
 Concen: 19.632 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

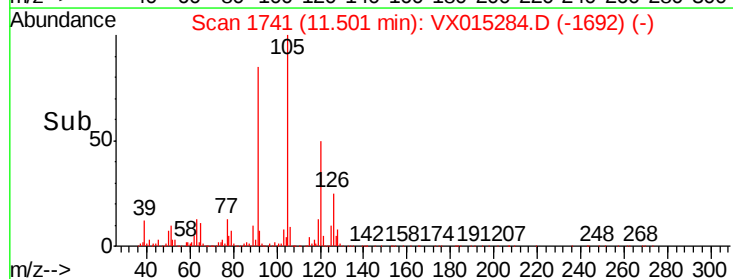
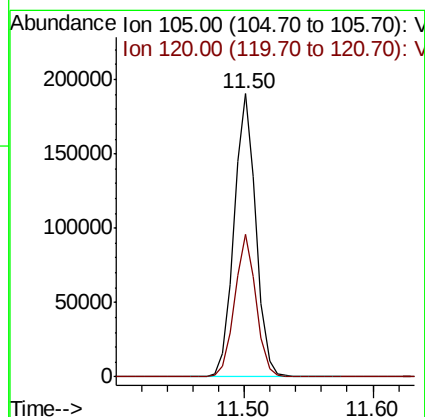
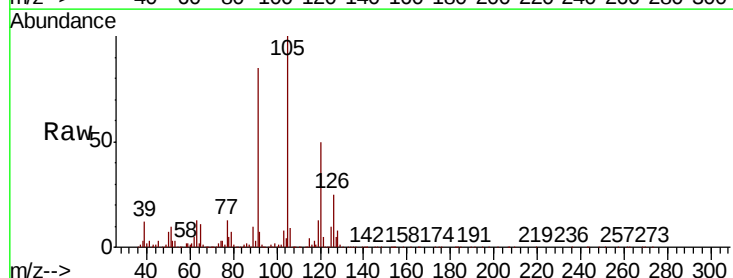
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

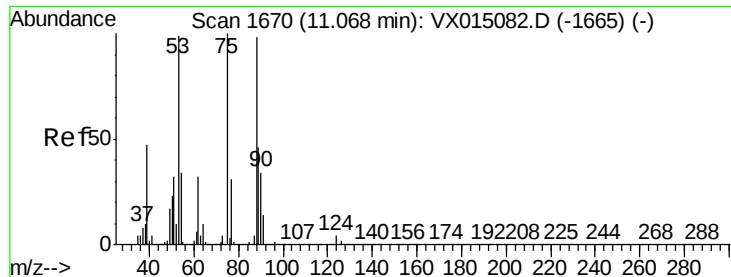
Tot Ion: 91 Resp: 179784
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.059 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion: 105 Resp: 224130
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.1 75.4

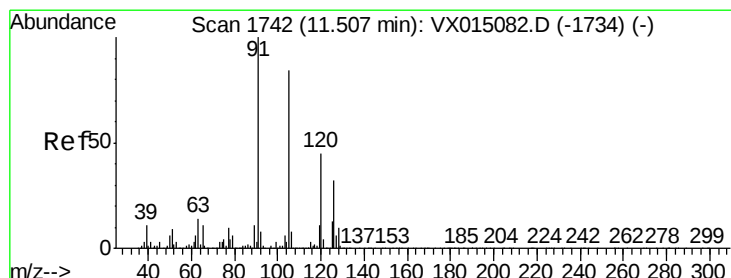
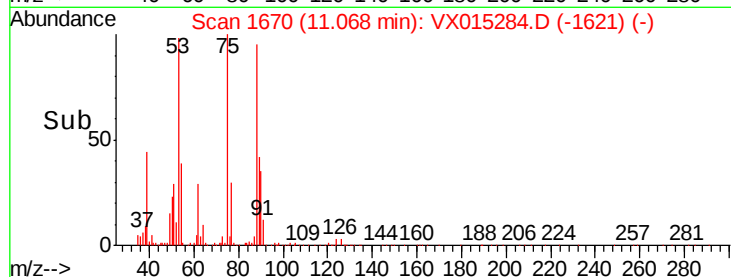
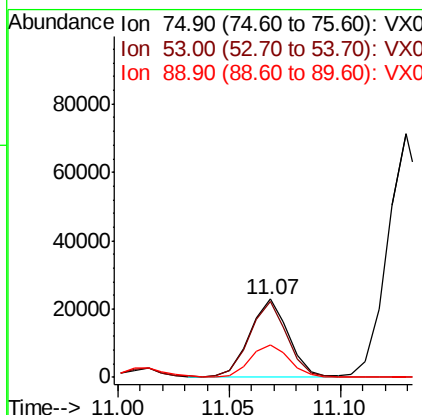
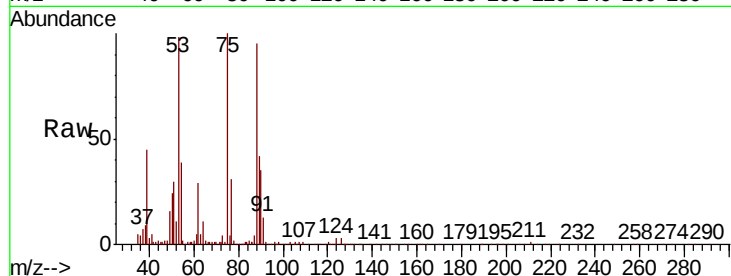




#81
trans-1,4-Dichloro-2-butene
Concen: 18.353 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

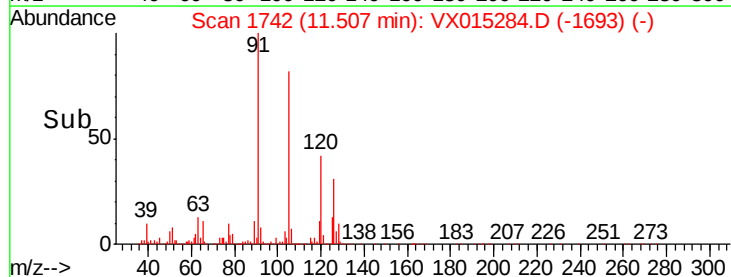
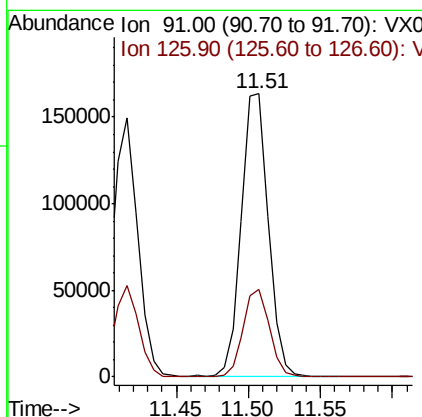
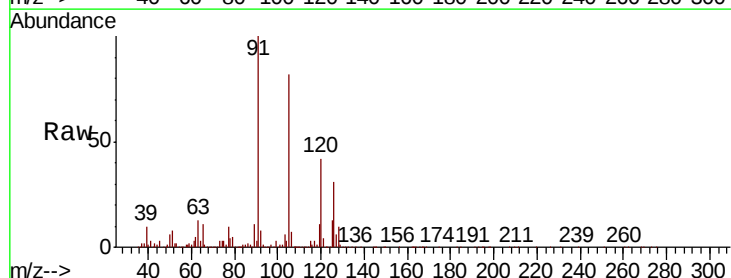
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion: 75 Resp: 27103
Ion Ratio Lower Upper
75 100
53 95.8 77.9 116.9
89 42.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.626 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion: 91 Resp: 212340
Ion Ratio Lower Upper
91 100
126 30.3 15.4 46.2

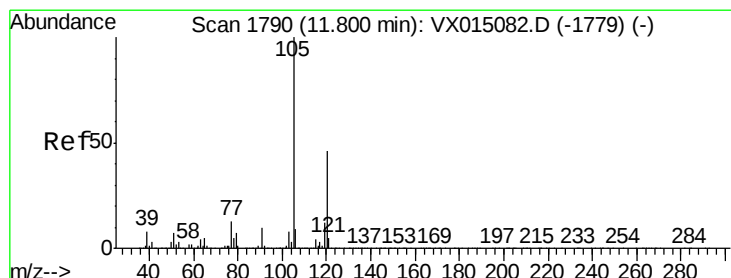
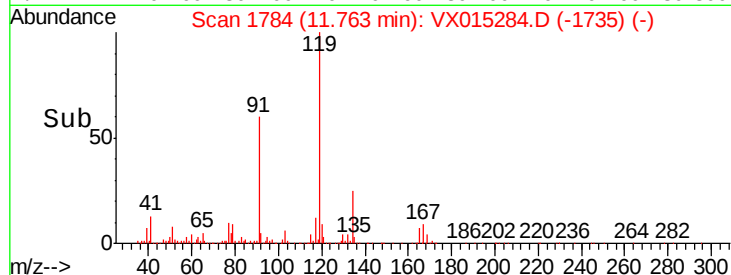
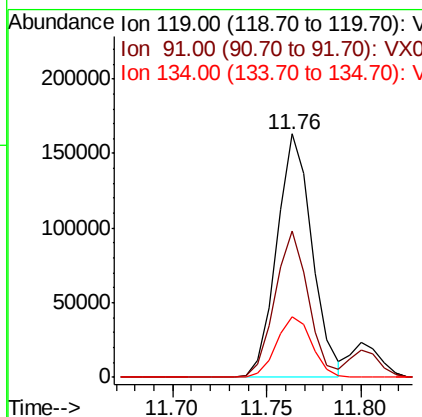
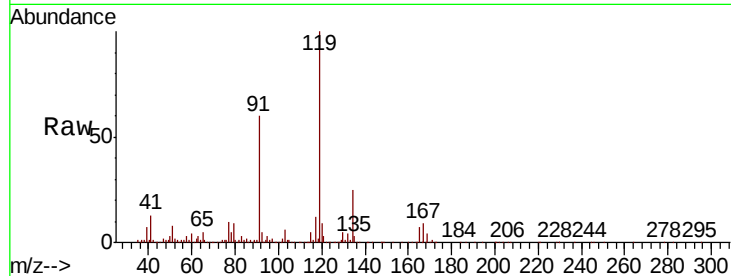




#83
tert-Butylbenzene
Concen: 19.582 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

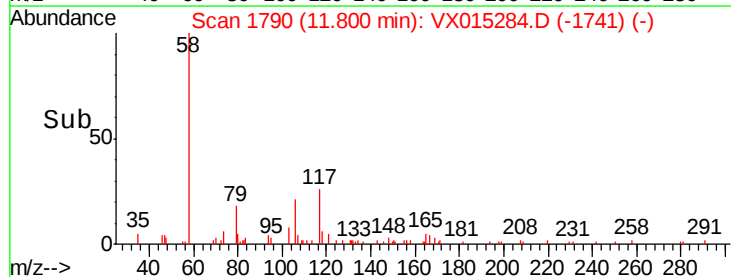
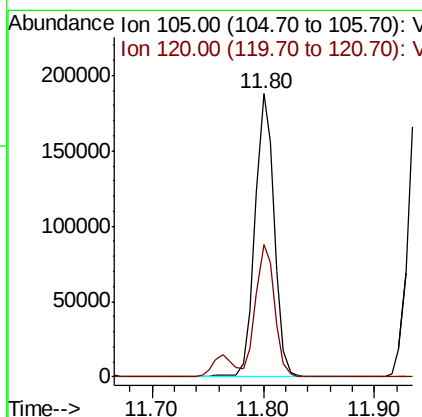
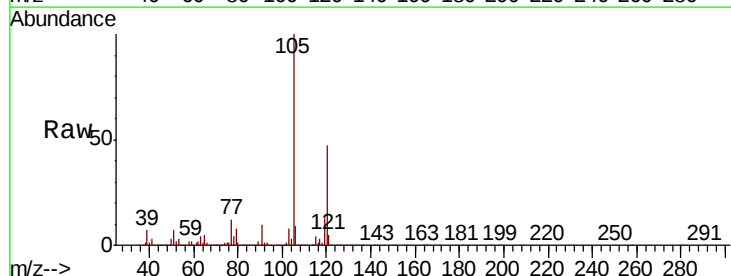
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

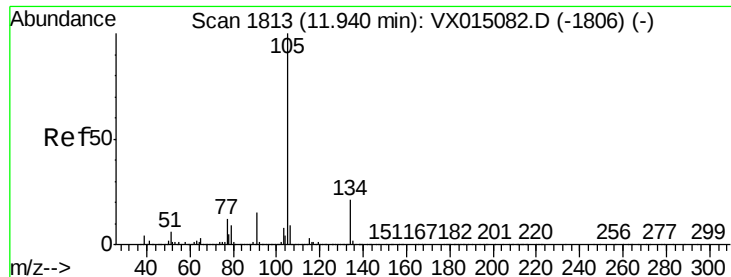
Tot Ion:119 Resp: 211561
Ion Ratio Lower Upper
119 100
91 57.1 28.5 85.6
134 25.1 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 20.042 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:105 Resp: 224969
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.217 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

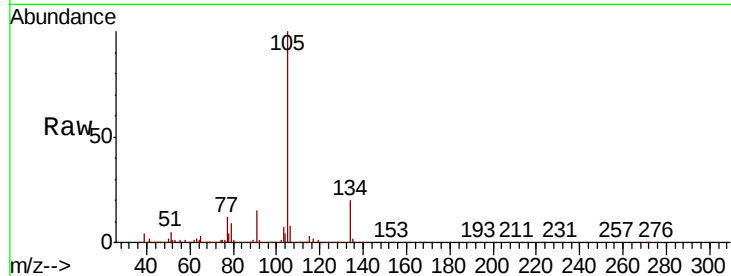
VX0316WBS01

Tot Ion:105 Resp: 263670

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

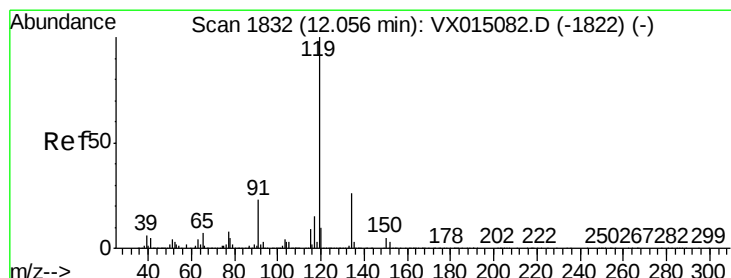
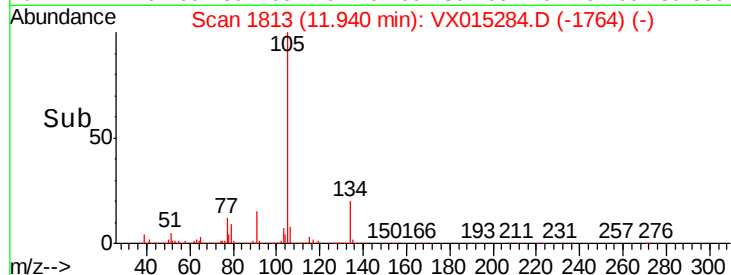
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.106 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

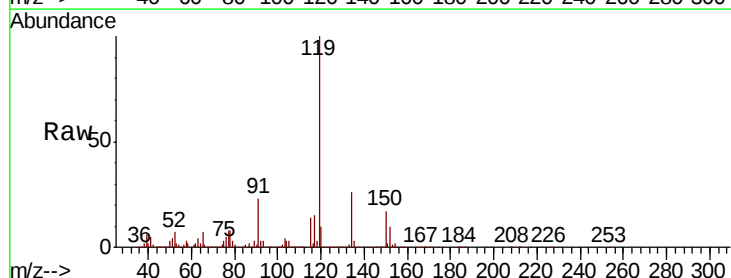
Tgt Ion:119 Resp: 241596

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

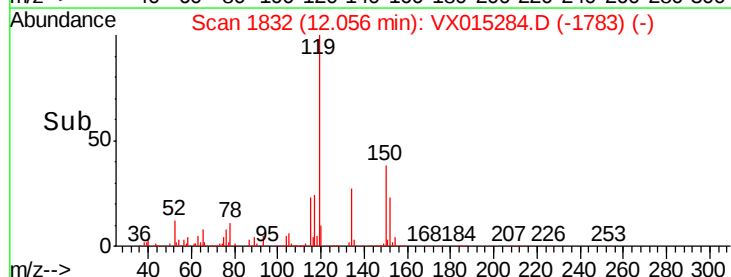
100000

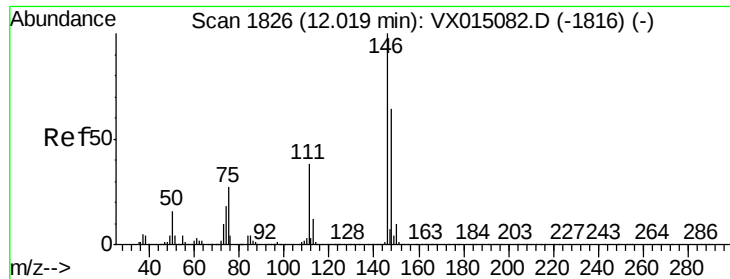
50000

0

12.00 12.05 12.10 12.15

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.124 ug/l

RT: 12.02 min Scan# 1826

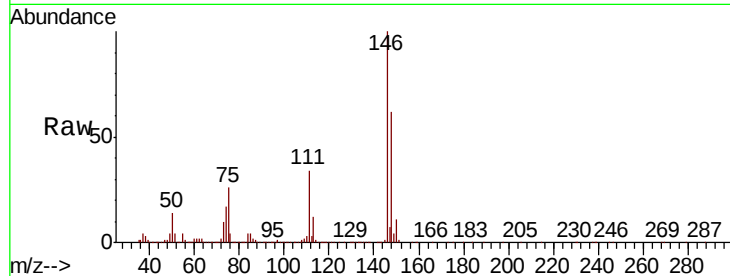
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampled :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.1
148	64.6	31.9	95.5

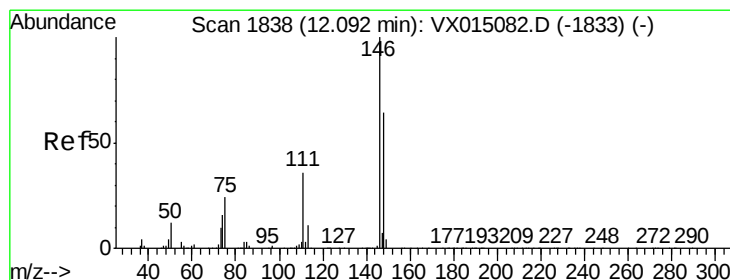
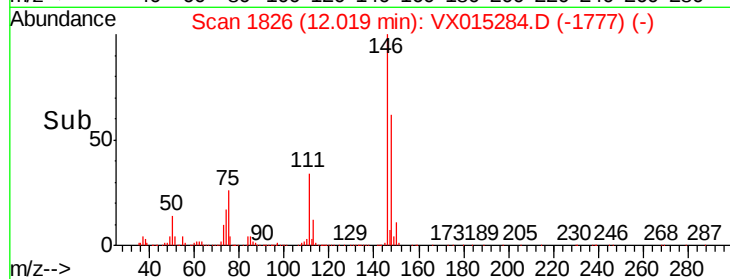
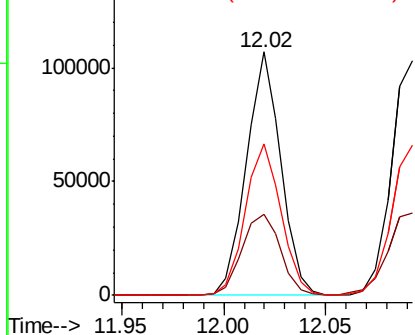


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.024 ug/l

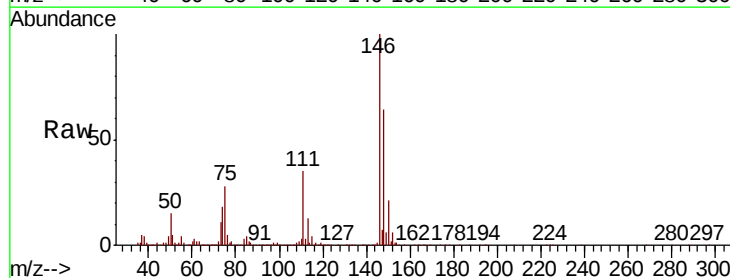
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.4	32.5	97.4

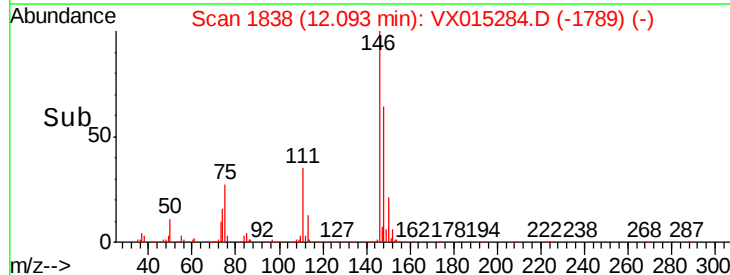
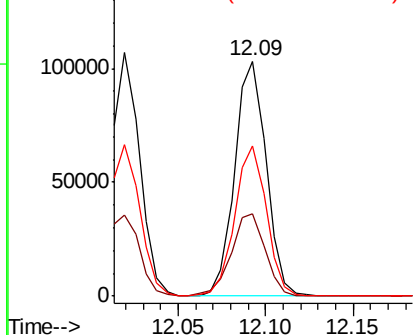


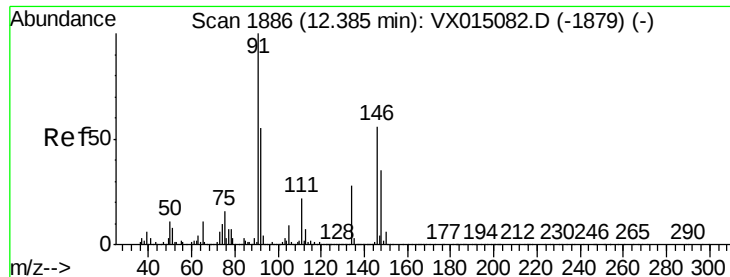
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.774 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

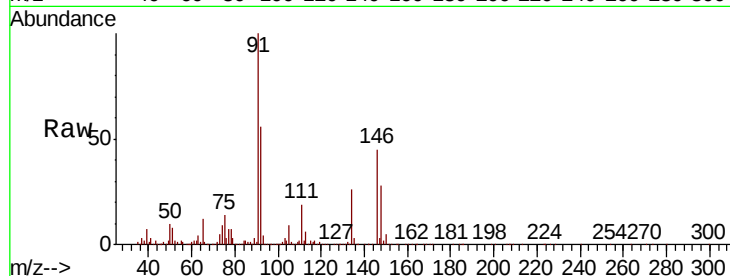
Tot Ion: 91 Resp: 211320

Ion Ratio Lower Upper

91 100

92 55.5 27.2 81.6

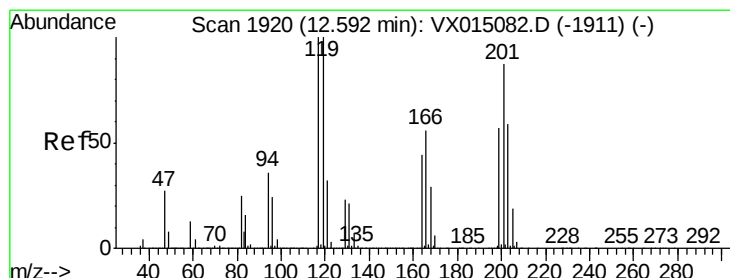
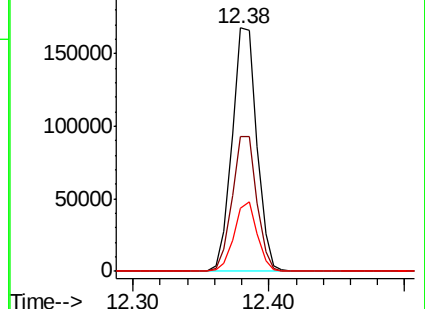
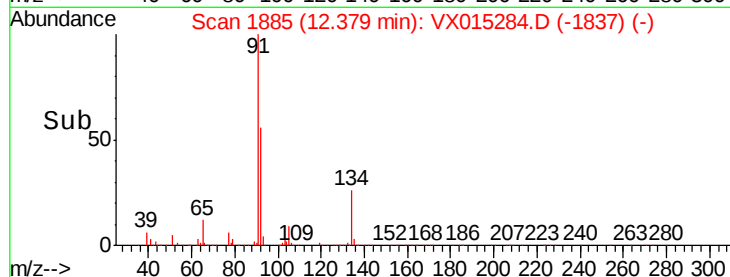
134 26.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.171 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015284.D

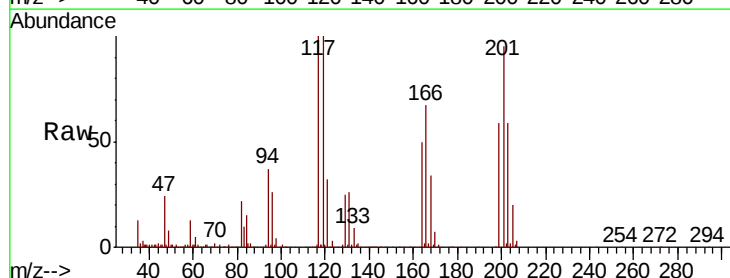
Acq: 16 Mar 2020 11:15

Tgt Ion: 117 Resp: 41279

Ion Ratio Lower Upper

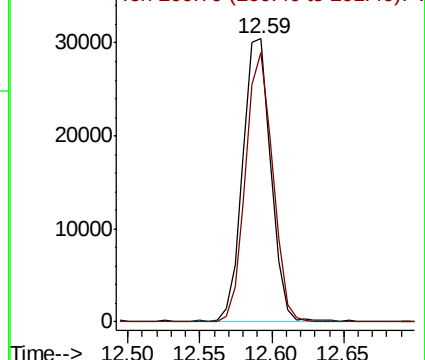
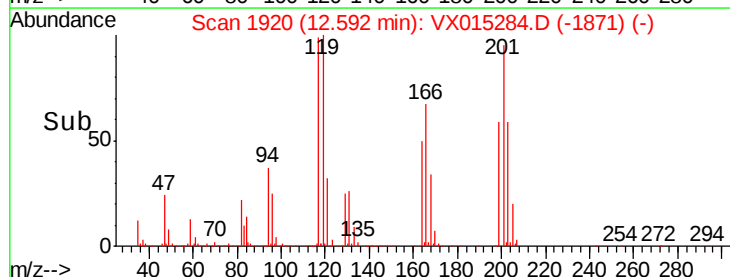
117 100

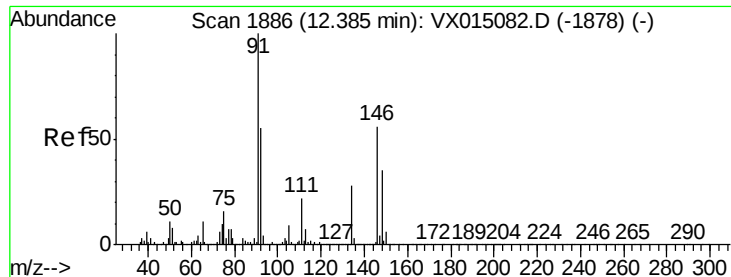
201 91.4 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

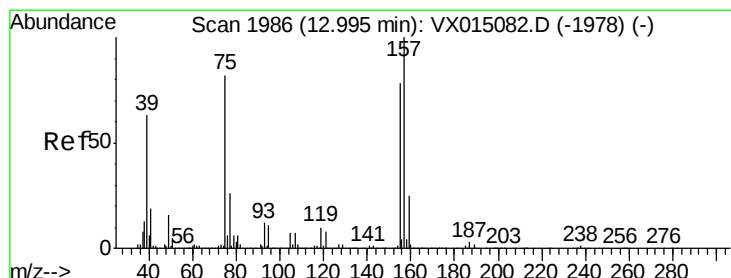
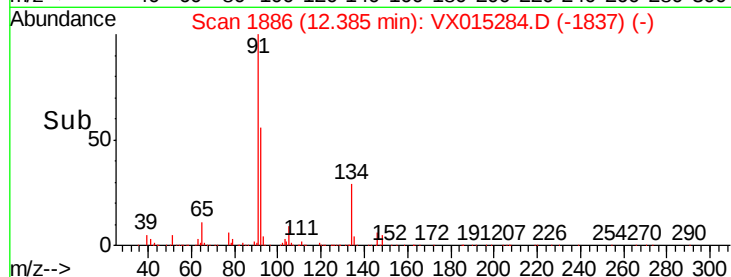
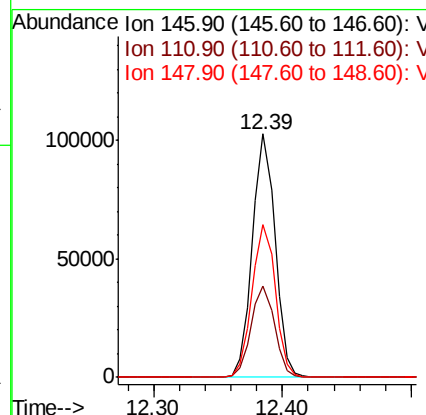
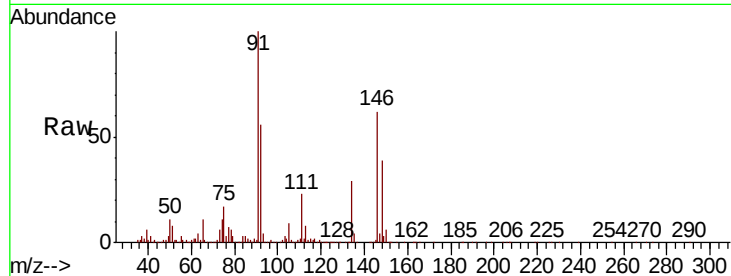




#91
 1,2-Dichlorobenzene
 Concen: 19.089 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

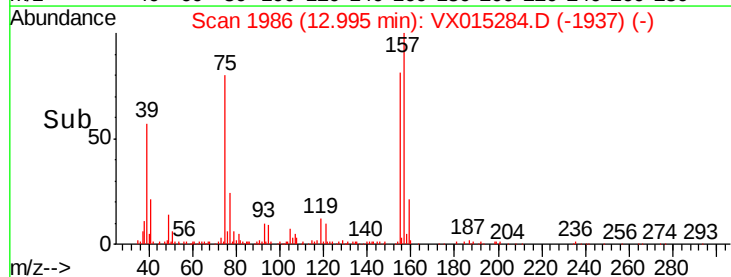
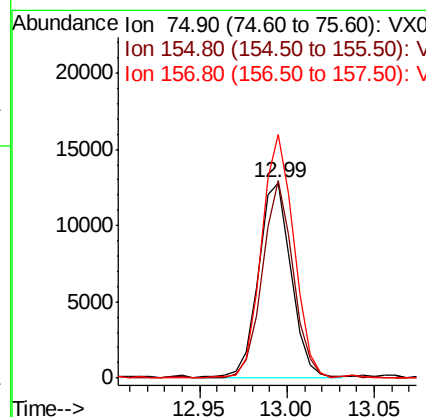
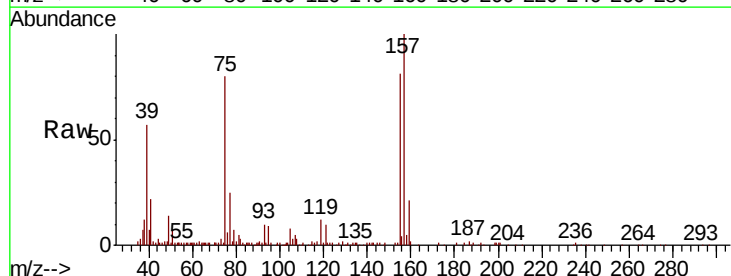
Instrument :
 MSVOA_X
 ClientSampled :
 VX0316WBS01

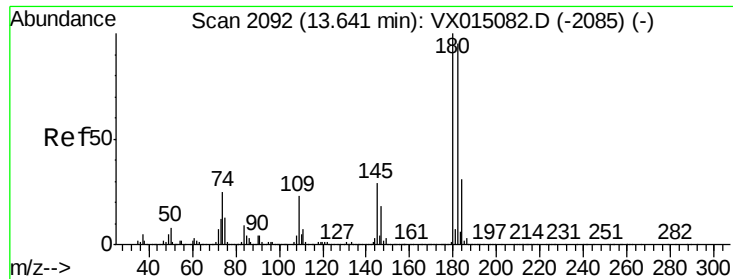
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.9	59.7
148	64.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.686 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.6	139.7
157	122.5	59.2	177.5

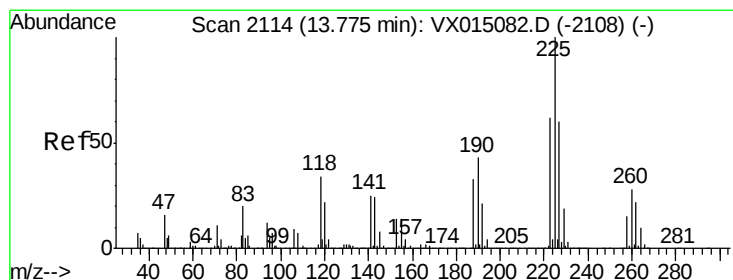
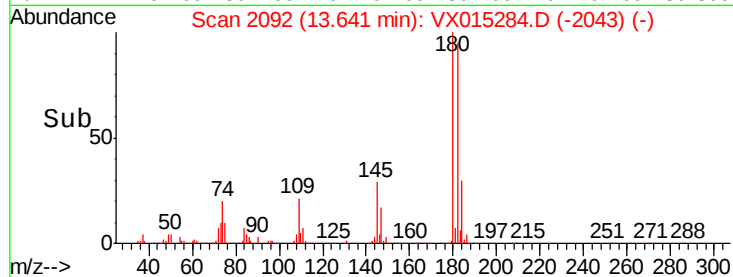
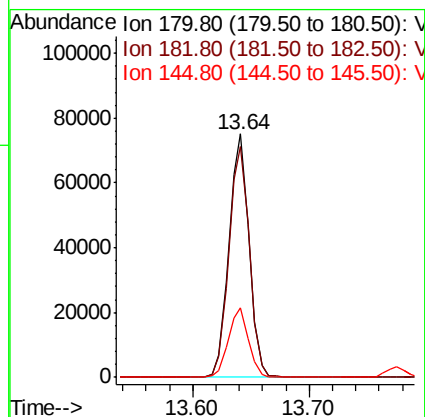
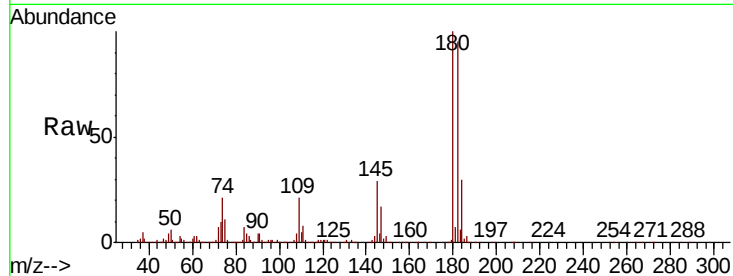




#93
 1,2,4-Trichlorobenzene
 Concen: 19.755 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

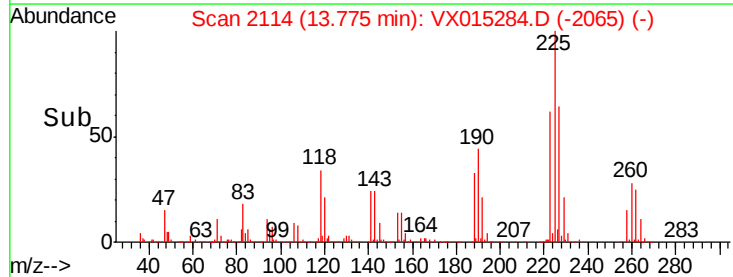
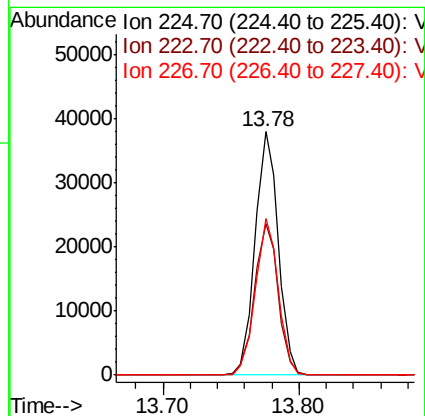
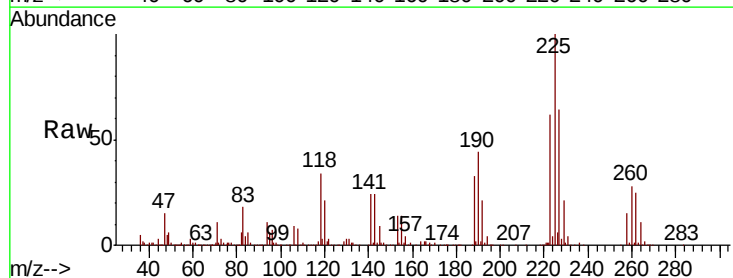
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

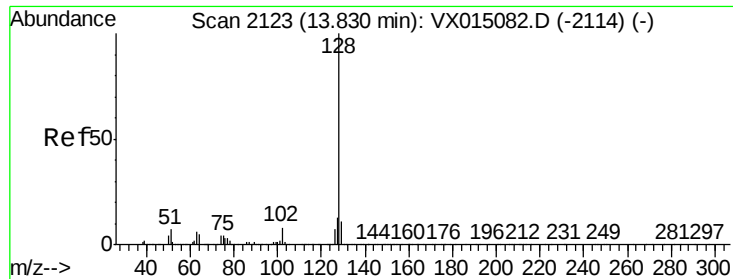
Tot Ion:180 Resp: 89650
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.8
 145 28.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 19.566 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion:225 Resp: 45564
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.9
 227 63.6 31.1 93.2

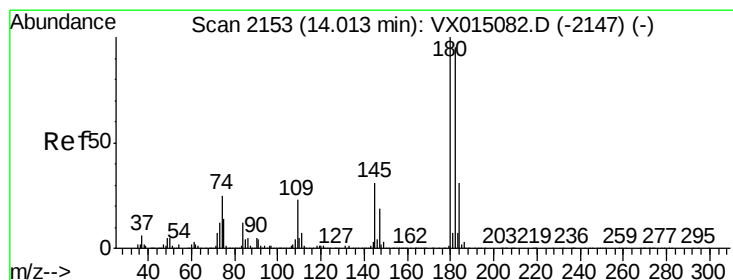
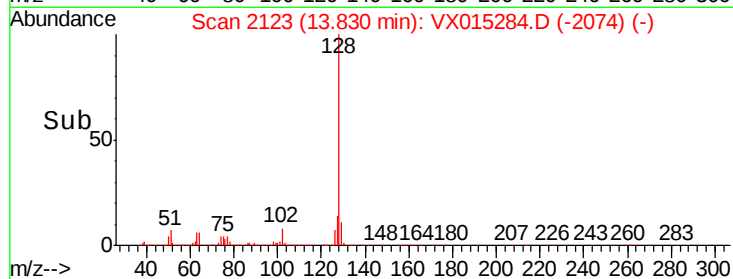
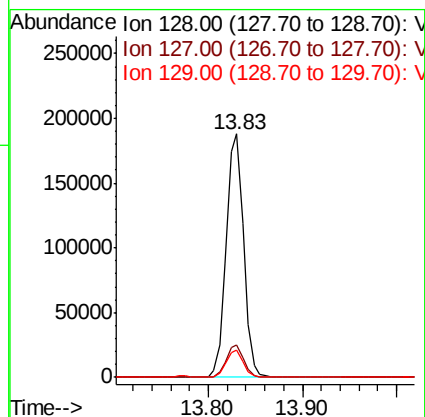
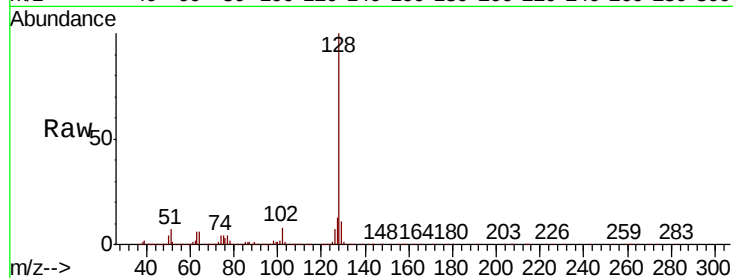




#95
Naphthalene
Concen: 18.197 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion:128 Resp: 240148
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.827 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:180 Resp: 89774
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.4
145 30.3 15.1 45.3

