

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016085.D
 Acq On : 07 May 2020 11:01
 Operator : JC/SP
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Quant Time: May 08 02:01:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192559	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	149395	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	8.70	98	596567	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	223365	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	63795	19.052	ug/l	99
3) Chloromethane	1.31	50	72907	18.748	ug/l	98
4) Vinyl Chloride	1.39	62	75482	18.193	ug/l	100
5) Bromomethane	1.63	94	48759	23.311	ug/l	96
6) Chloroethane	1.71	64	46330	18.353	ug/l	99
7) Trichlorofluoromethane	1.92	101	100760	18.499	ug/l	96
8) Diethyl Ether	2.17	74	39607	17.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59341	18.883	ug/l	98
10) Methyl Iodide	2.49	142	70657	16.739	ug/l	100
11) Tert butyl alcohol	3.01	59	90842	86.295	ug/l	99
12) 1,1-Dichloroethene	2.36	96	59842	18.197	ug/l	99
13) Acrolein	2.27	56	47958	72.803	ug/l	99
14) Allyl chloride	2.71	41	109872	18.222	ug/l	98
15) Acrylonitrile	3.11	53	192749	88.263	ug/l	99
16) Acetone	2.42	43	160412	86.362	ug/l	99
17) Carbon Disulfide	2.55	76	179519	18.046	ug/l	100
18) Methyl Acetate	2.75	43	83778	18.344	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	210576	18.575	ug/l	99
20) Methylene Chloride	2.83	84	67691	17.678	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	64894	17.708	ug/l	97
22) Diisopropyl ether	3.82	45	210905	18.541	ug/l	92
23) Vinyl Acetate	3.78	43	915959	91.524	ug/l	100
24) 1,1-Dichloroethane	3.67	63	119254	18.741	ug/l	99
25) 2-Butanone	4.63	43	262985	87.864	ug/l	100
26) 2,2-Dichloropropane	4.55	77	107615	18.518	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	73862	18.436	ug/l	99
28) Bromochloromethane	4.98	49	50237	17.314	ug/l	99
29) Tetrahydrofuran	5.09	42	176667	89.080	ug/l	100
30) Chloroform	5.18	83	116350	18.364	ug/l	97
31) Cyclohexane	5.54	56	109482	18.931	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	106549	18.501	ug/l	99
36) 1,1-Dichloropropene	5.77	75	91235	18.826	ug/l	99
37) Ethyl Acetate	4.79	43	102644	18.274	ug/l	100
38) Carbon Tetrachloride	5.75	117	93860	19.054	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016085.D
 Acq On : 07 May 2020 11:01
 Operator : JC/SP
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Quant Time: May 08 02:01:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	112015	19.193	ug/l	99
40) Benzene	6.11	78	268565	18.940	ug/l	99
41) Methacrylonitrile	5.01	41	55995	18.459	ug/l	99
42) 1,2-Dichloroethane	6.16	62	95418	18.680	ug/l	100
43) Isopropyl Acetate	6.41	43	165398	18.455	ug/l	100
44) Trichloroethene	7.19	130	96904	19.236	ug/l	97
45) 1,2-Dichloropropane	7.49	63	70293	19.591	ug/l	98
46) Dibromomethane	7.64	93	45885	18.818	ug/l	100
47) Bromodichloromethane	7.87	83	93671	18.862	ug/l	100
48) Methyl methacrylate	7.74	41	76951	18.120	ug/l	99
49) 1,4-Dioxane	7.71	88	36542	358.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	509288	92.862	ug/l	100
52) Toluene	8.76	92	170147	19.250	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	109798	18.544	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	116095	18.772	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	66446	19.108	ug/l	98
56) Ethyl methacrylate	9.16	69	106587	18.777	ug/l	99
57) 1,3-Dichloropropane	9.35	76	116395	19.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	262458	86.851	ug/l	99
59) 2-Hexanone	9.47	43	391582	90.918	ug/l	99
60) Dibromochloromethane	9.57	129	72668	18.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70775	18.790	ug/l	98
64) Tetrachloroethene	9.32	164	110946	19.977	ug/l	99
65) Chlorobenzene	10.12	112	179294	18.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67172	19.186	ug/l	100
67) Ethyl Benzene	10.23	91	323119	19.118	ug/l	99
68) m/p-Xylenes	10.34	106	244854	38.668	ug/l	100
69) o-Xylene	10.68	106	117252	19.263	ug/l	99
70) Styrene	10.70	104	196271	19.007	ug/l	100
71) Bromoform	10.84	173	52513	18.410	ug/l #	96
73) Isopropylbenzene	11.00	105	312578	19.040	ug/l	99
74) N-amyl acetate	10.88	43	138005	18.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48943	17.562	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	124960	24.397	ug/l	85
77) Bromobenzene	11.24	156	78058	18.421	ug/l	99
78) n-propylbenzene	11.34	91	363097	19.011	ug/l	100
79) 2-Chlorotoluene	11.40	91	211966	18.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	267262	19.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39121	18.202	ug/l	98
82) 4-Chlorotoluene	11.49	91	253182	19.018	ug/l	100
83) tert-Butylbenzene	11.76	119	224309	18.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	267535	19.091	ug/l	100
85) sec-Butylbenzene	11.93	105	308092	19.102	ug/l	99
86) p-Isopropyltoluene	12.05	119	285438	19.061	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	141480	18.595	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	141990	18.386	ug/l	98
89) n-Butylbenzene	12.37	91	252667	18.469	ug/l	100
90) Hexachloroethane	12.58	117	48554	18.879	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	137575	18.778	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22341	16.550	ug/l	96

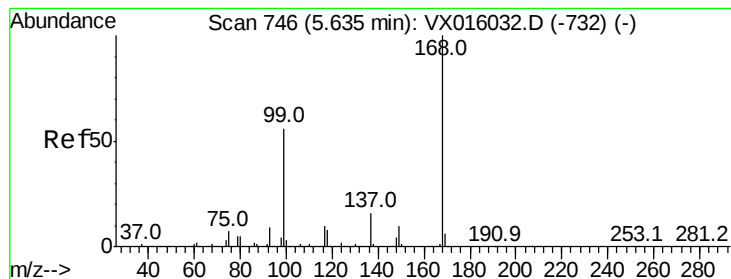
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
Data File : VX016085.D
Acq On : 07 May 2020 11:01
Operator : JC/SP
Sample : VX0507WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Quant Time: May 08 02:01:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	99322	18.311	ug/l	98
94) Hexachlorobutadiene	13.77	225	47441	20.623	ug/l	98
95) Naphthalene	13.82	128	317431	18.073	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	99072	18.689	ug/l	99

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

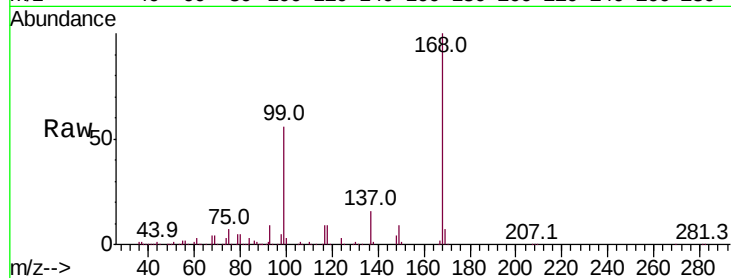


#1

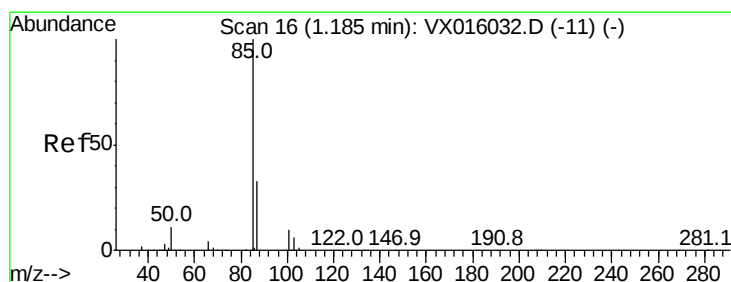
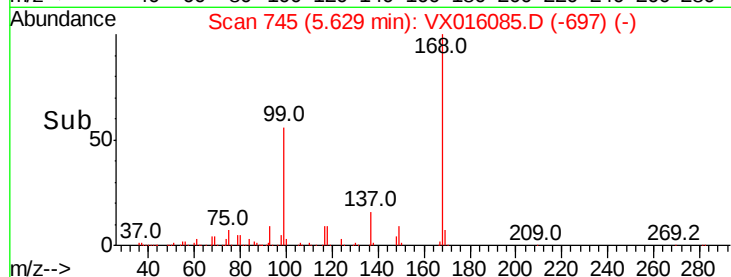
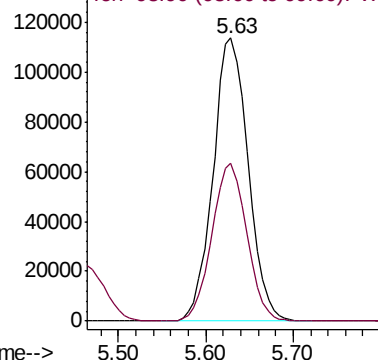
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Tot Ion:168 Resp: 316354
 Ion Ratio Lower Upper
 168 100
 99 56.0 45.0 67.4



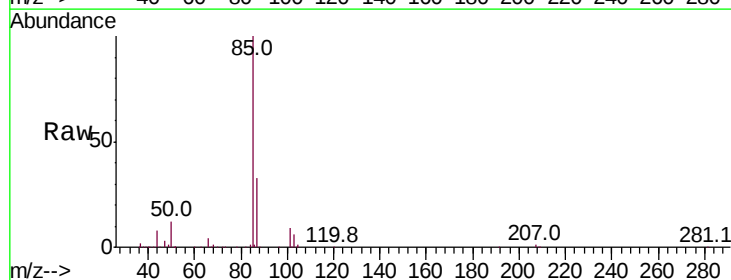
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



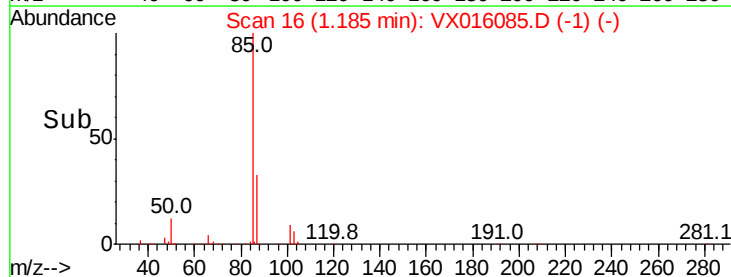
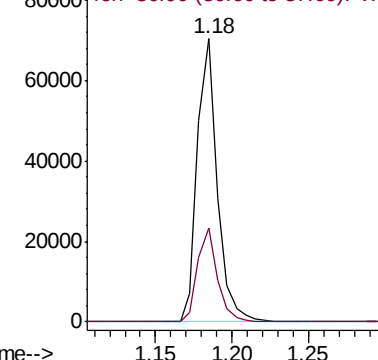
#2

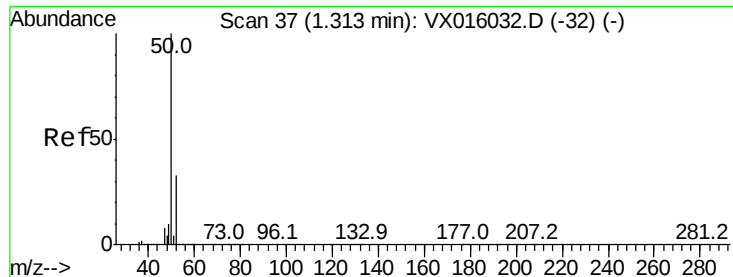
Dichlorodifluoromethane
 Concen: 19.052 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion: 85 Resp: 63795
 Ion Ratio Lower Upper
 85 100
 87 33.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.748 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

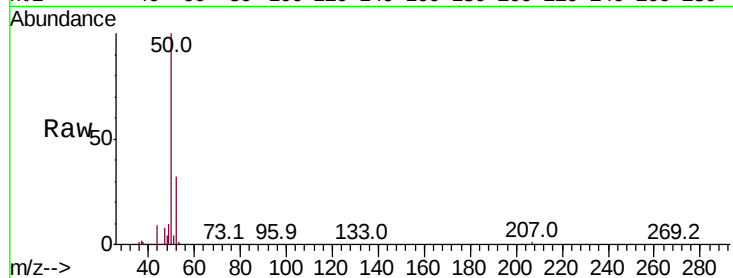
VX0507WBS01

Tot Ion: 50 Resp: 72907

Ion Ratio Lower Upper

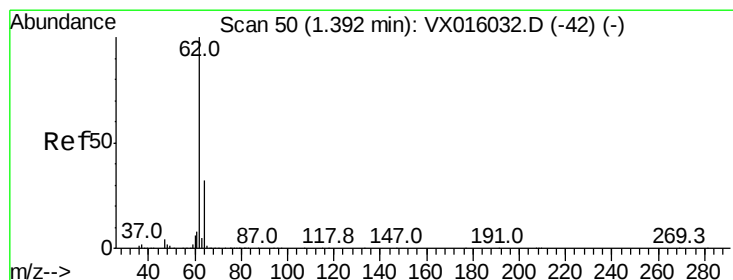
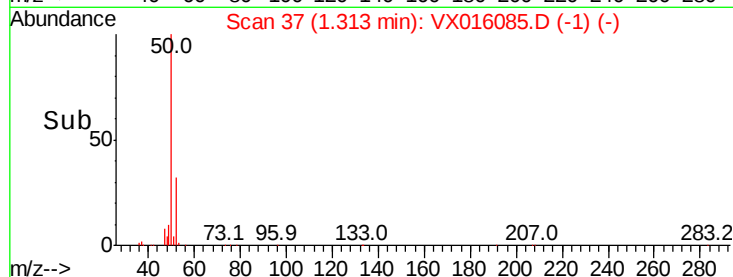
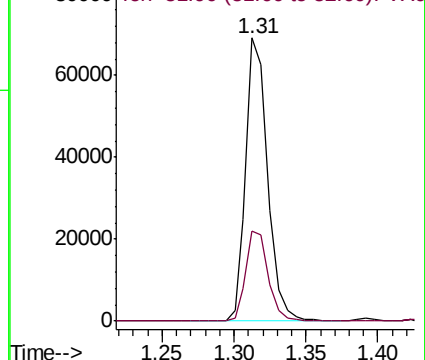
50 100

52 31.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.193 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016085.D

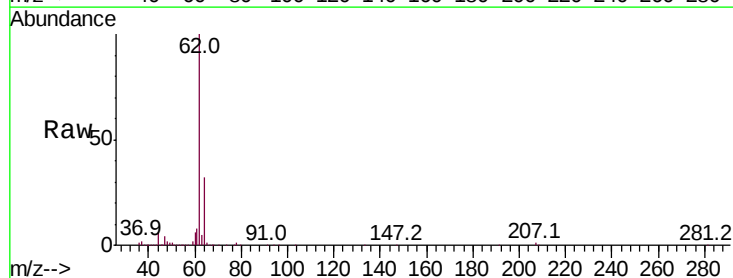
Acq: 07 May 2020 11:01

Tgt Ion: 62 Resp: 75482

Ion Ratio Lower Upper

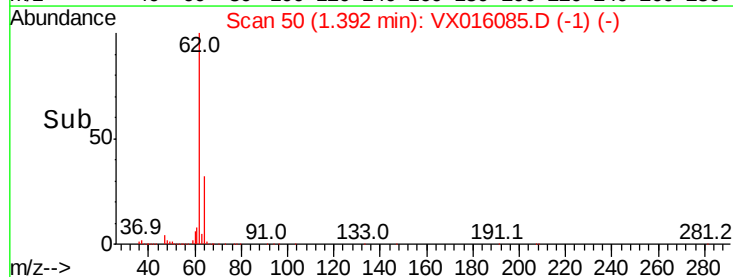
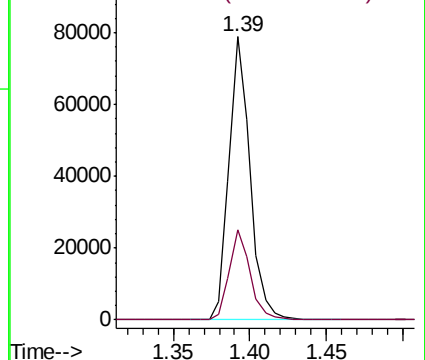
62 100

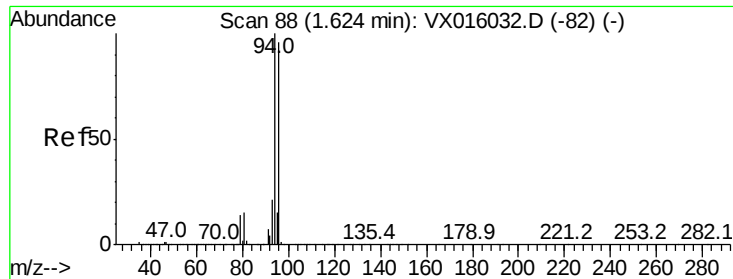
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.311 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

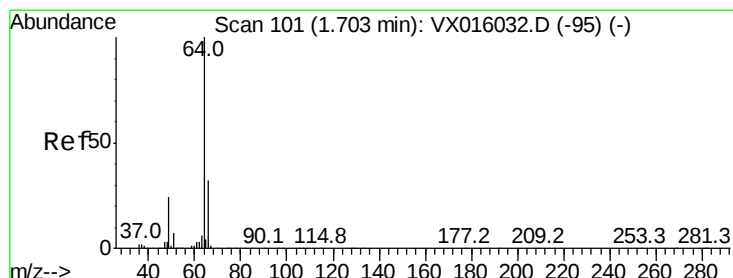
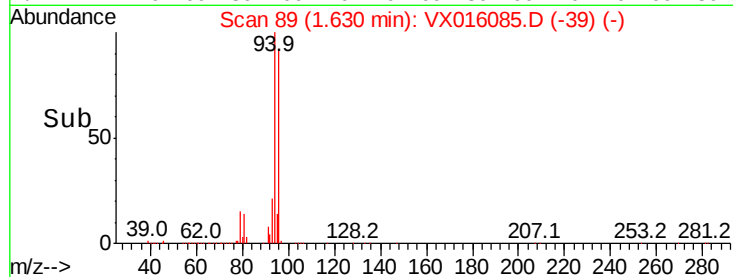
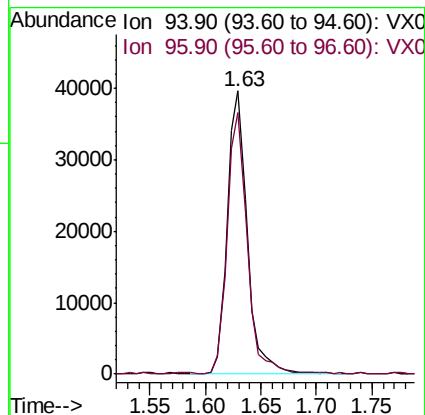
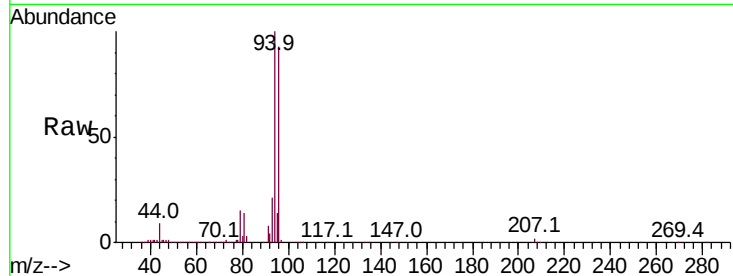
VX0507WBS01

Tot Ion: 94 Resp: 48759

Ion Ratio Lower Upper

94 100

96 92.3 76.9 115.3



#6

Chloroethane

Concen: 18.353 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016085.D

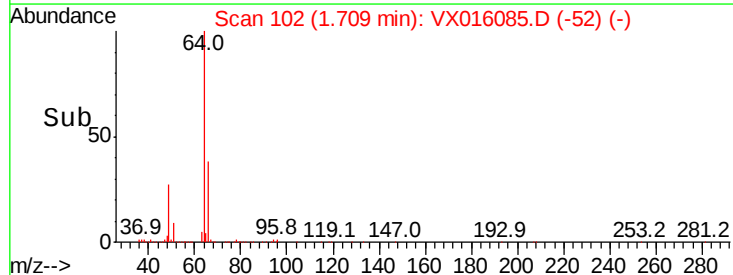
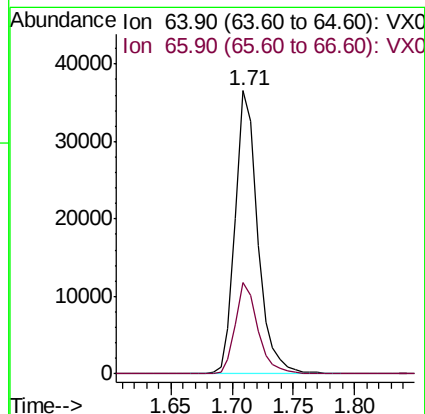
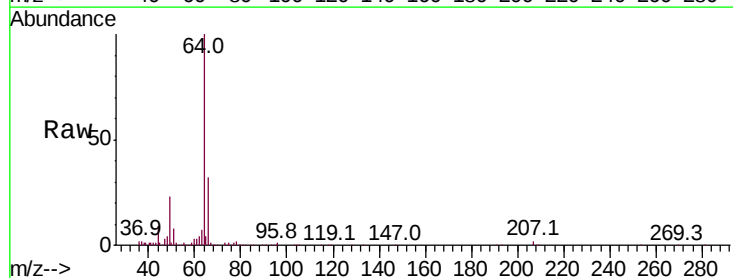
Acq: 07 May 2020 11:01

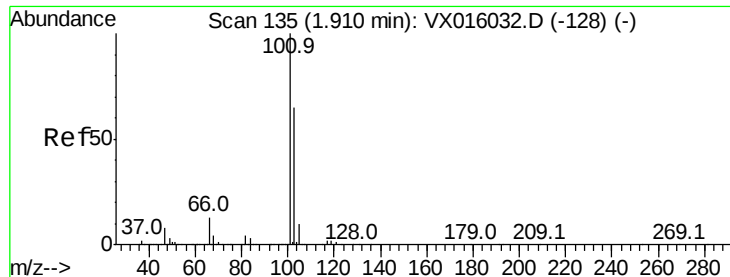
Tgt Ion: 64 Resp: 46330

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



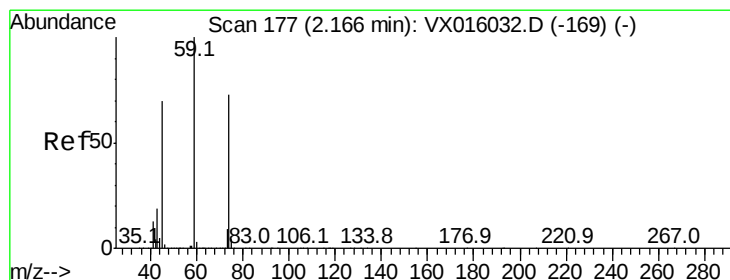
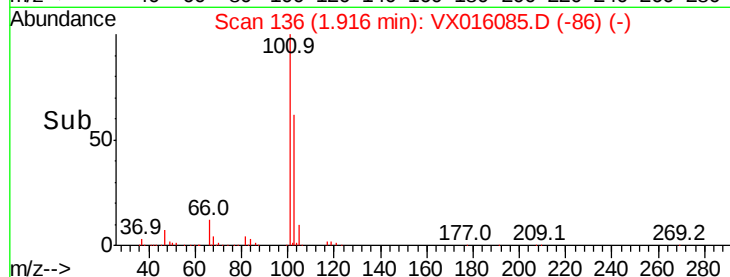
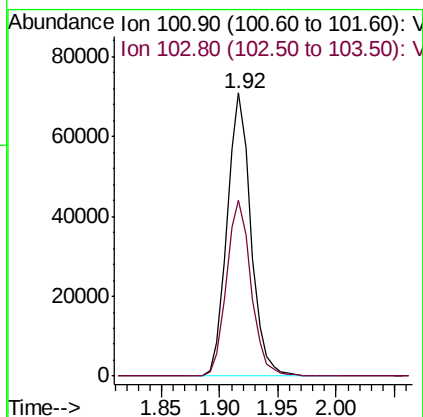
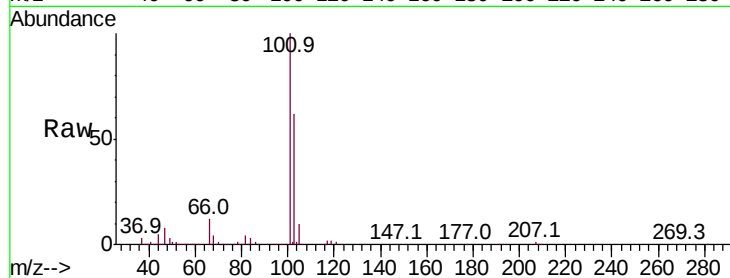


#7

Trichlorofluoromethane
Concen: 18.499 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

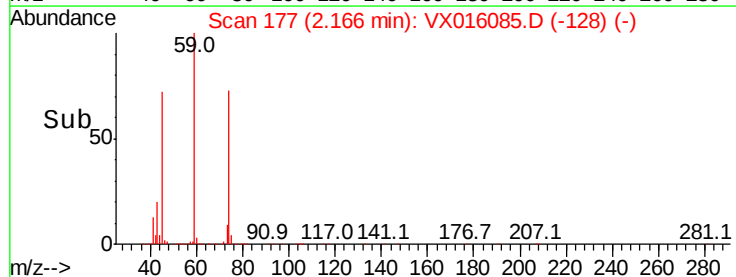
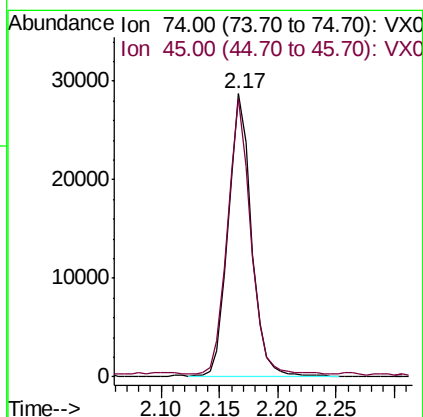
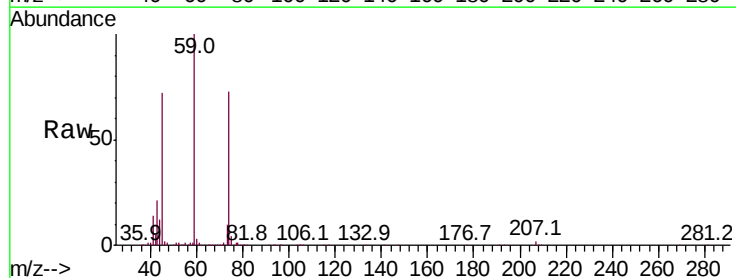
Tot Ion:101 Resp: 100760
Ion Ratio Lower Upper
101 100
103 61.8 51.8 77.6

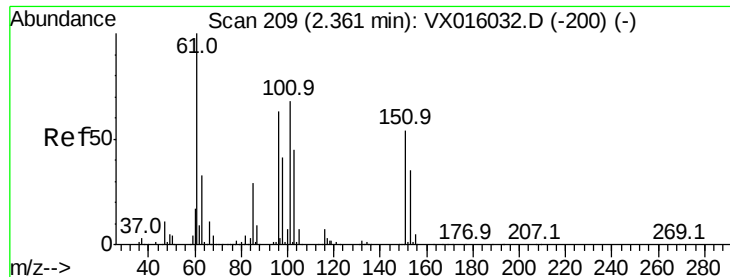


#8

Diethyl Ether
Concen: 17.258 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 74 Resp: 39607
Ion Ratio Lower Upper
74 100
45 97.0 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.883 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

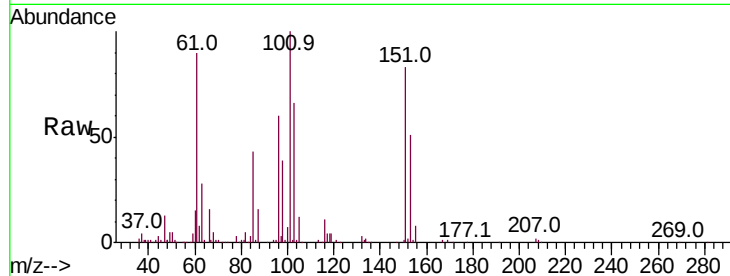
Tot Ion:101 Resp: 59341

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

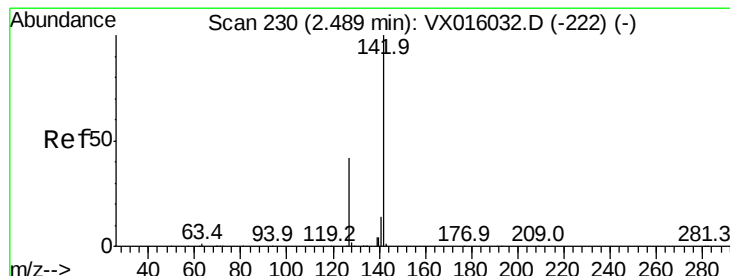
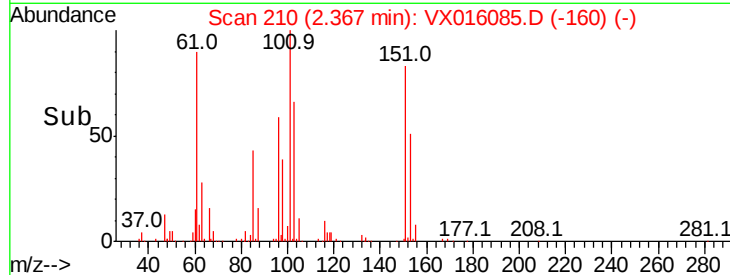
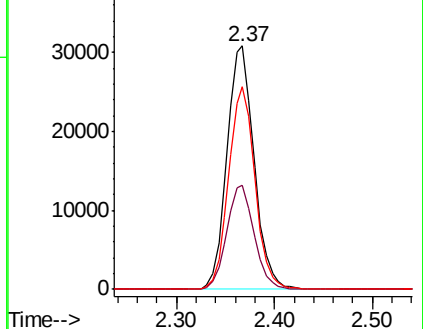
151 80.8 62.1 93.1



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: 16.739 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

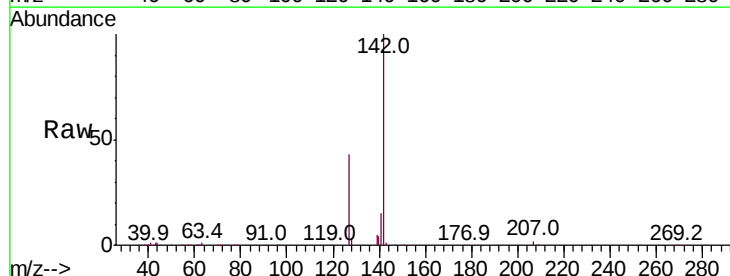
Tgt Ion:142 Resp: 70657

Ion Ratio Lower Upper

142 100

127 43.5 34.6 52.0

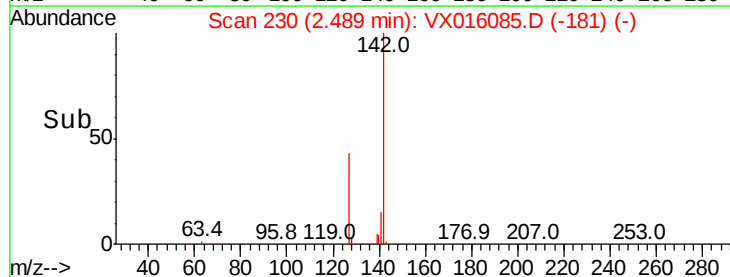
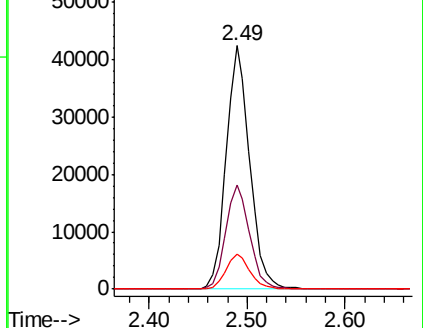
141 14.5 11.3 16.9

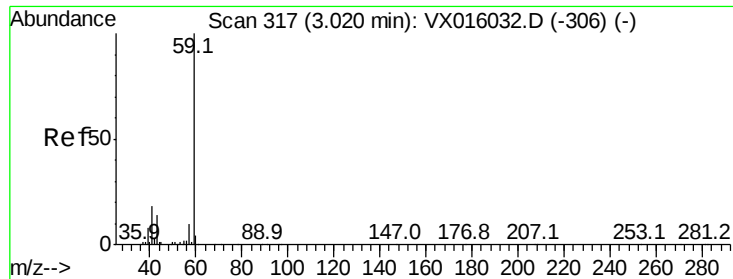


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



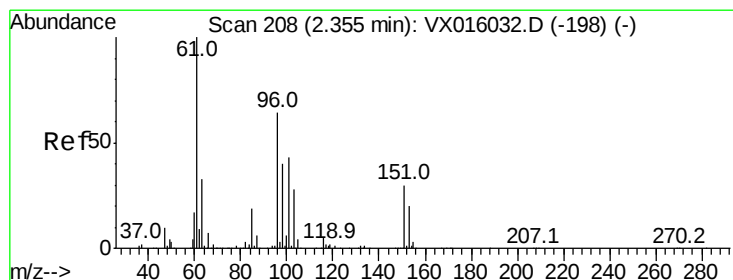
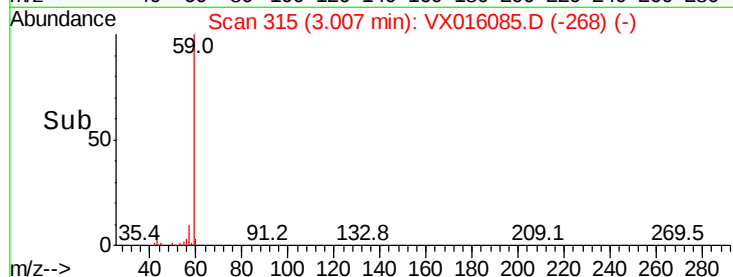
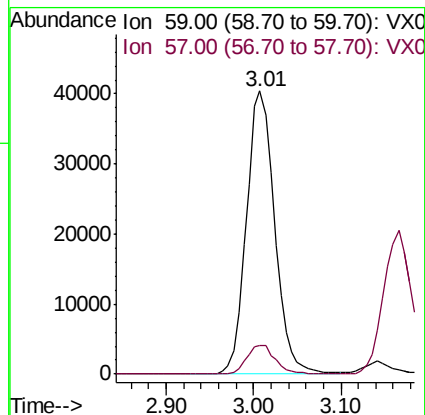
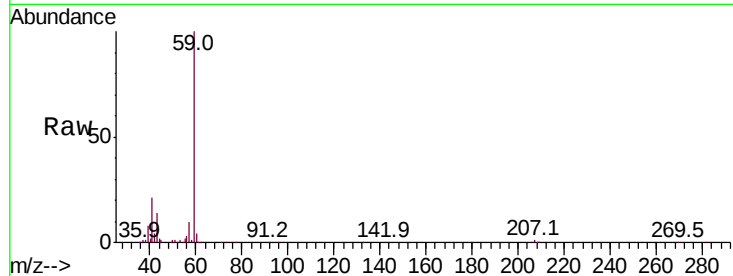


#11

Tert butyl alcohol
 Concen: 86.295 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

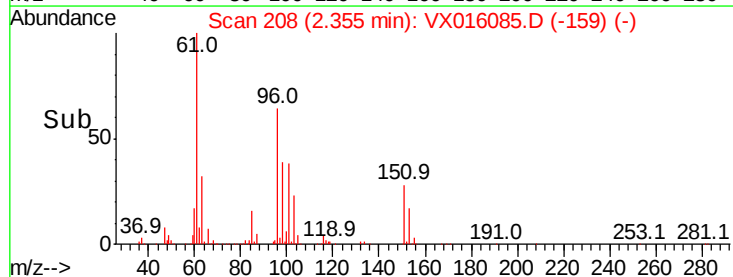
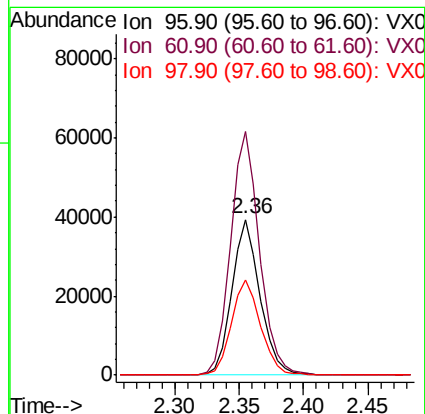
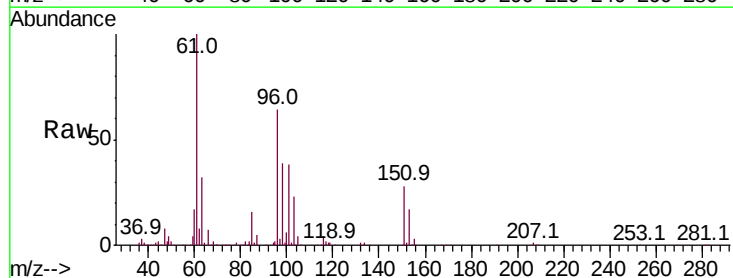
Tot Ion: 59 Resp: 90842
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

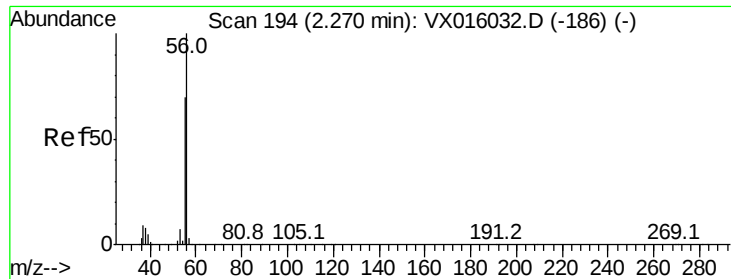


#12

1,1-Dichloroethene
 Concen: 18.197 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion: 96 Resp: 59842
 Ion Ratio Lower Upper
 96 100
 61 156.6 124.8 187.2
 98 61.5 49.7 74.5





#13

Acrolein

Concen: 72.803 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

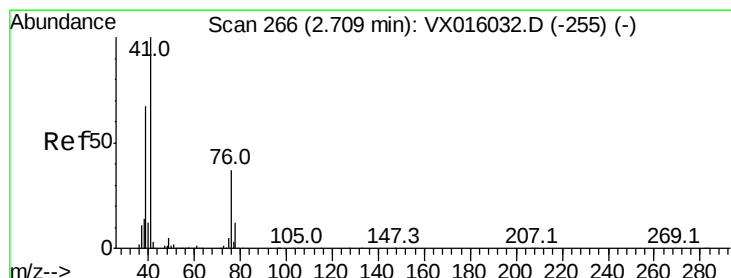
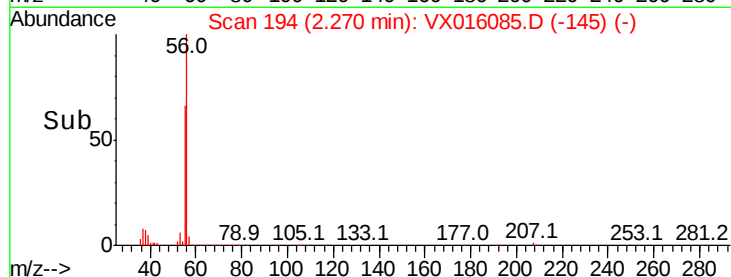
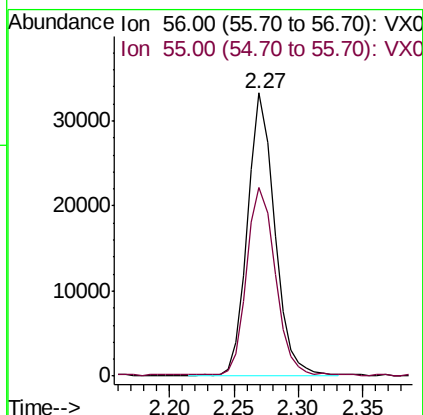
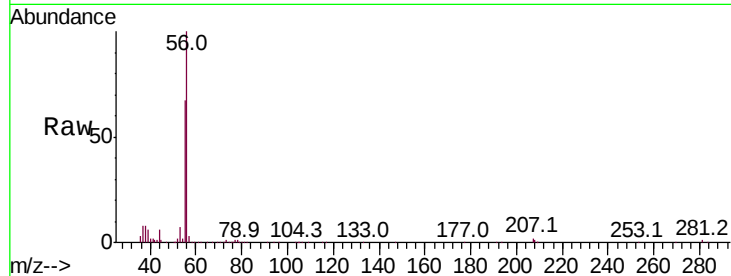
VX0507WBS01

Tot Ion: 56 Resp: 47958

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Allyl chloride

Concen: 18.222 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

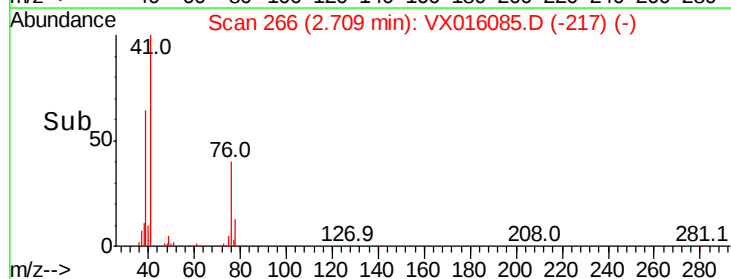
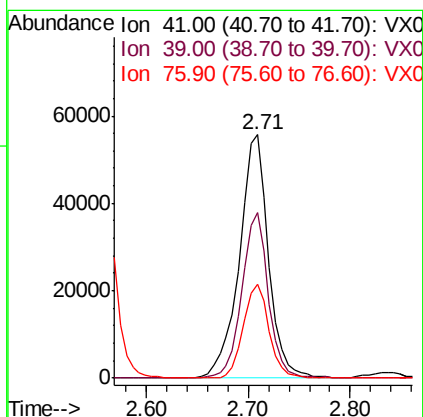
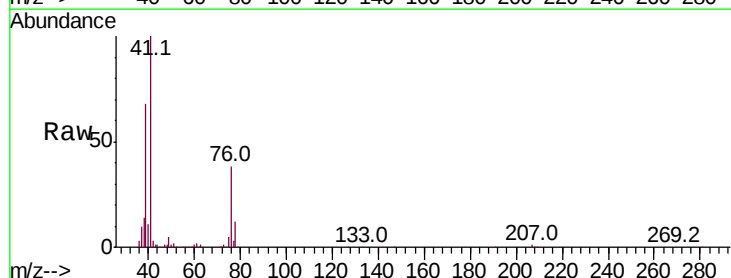
Tgt Ion: 41 Resp: 109872

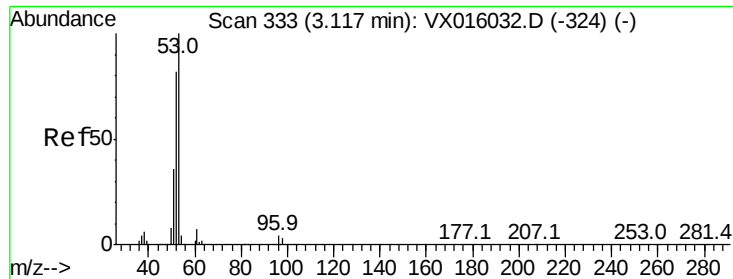
Ion Ratio Lower Upper

41 100

39 61.6 50.5 75.7

76 34.4 26.6 40.0





#15

Acrylonitrile

Concen: 88.263 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

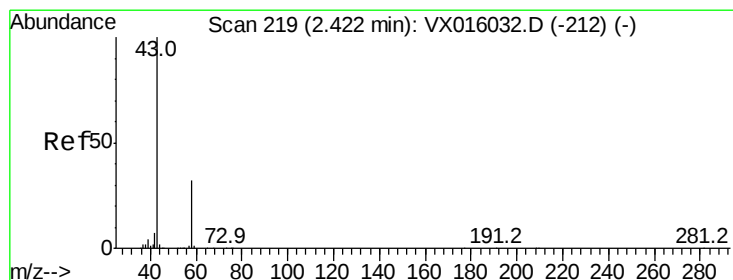
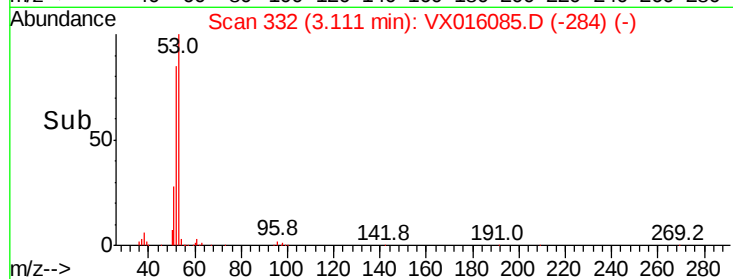
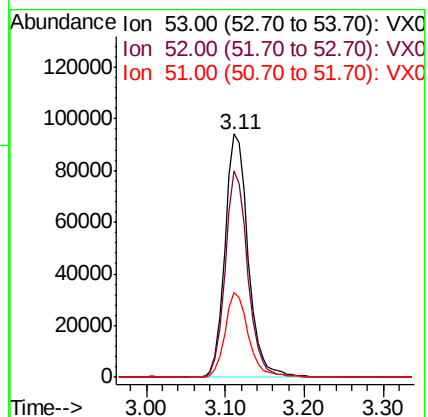
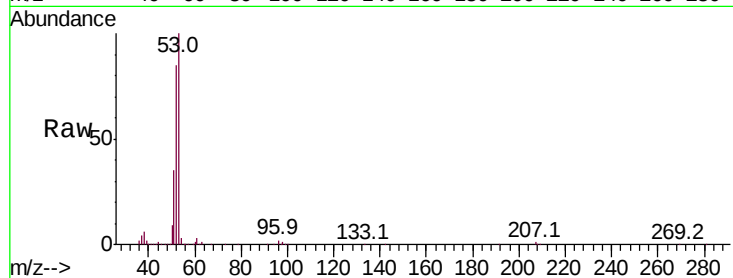
Tot Ion: 53 Resp: 192749

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

51 35.2 28.8 43.2



#16

Acetone

Concen: 86.362 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016085.D

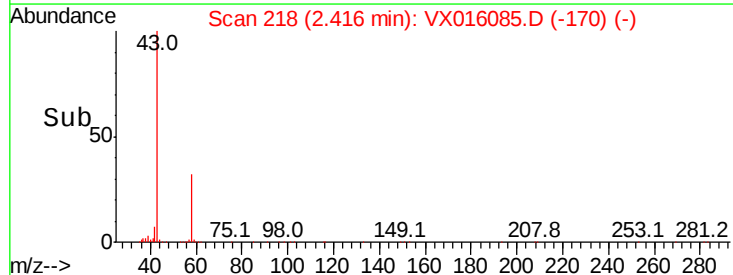
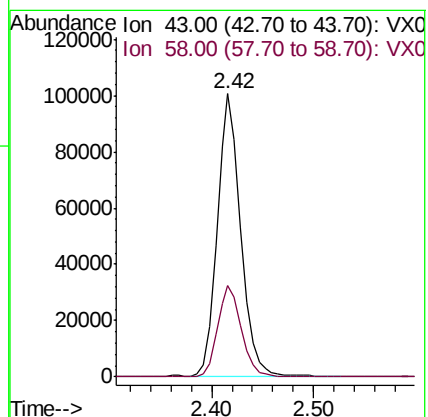
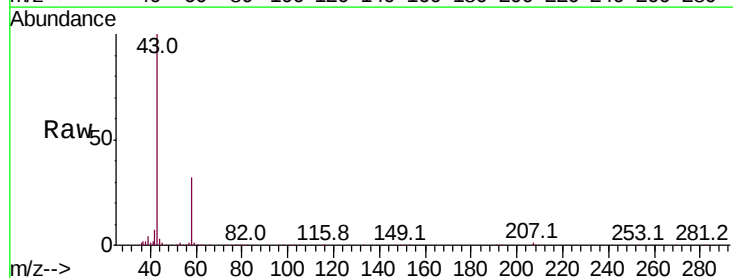
Acq: 07 May 2020 11:01

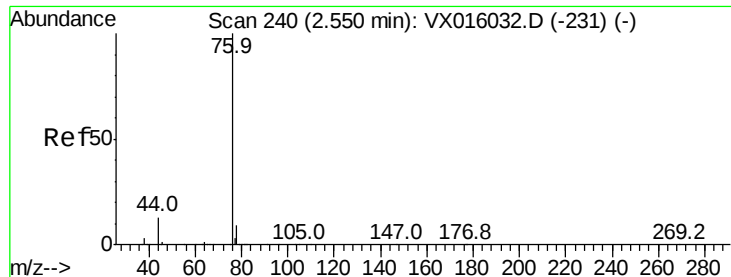
Tgt Ion: 43 Resp: 160412

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.0





#17

Carbon Disulfide

Concen: 18.046 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

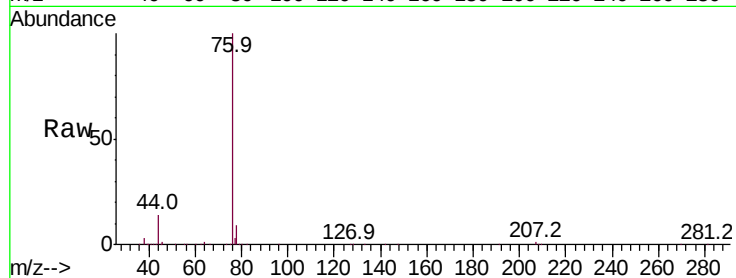
VX0507WBS01

Tot Ion: 76 Resp: 179519

Ion Ratio Lower Upper

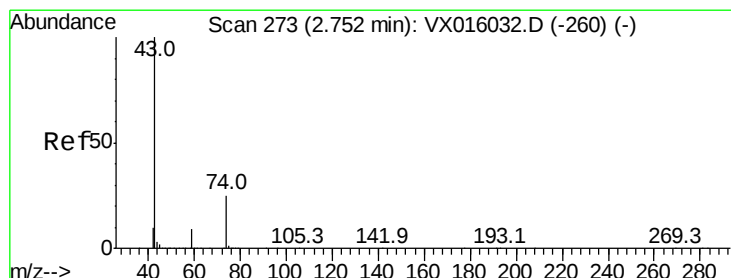
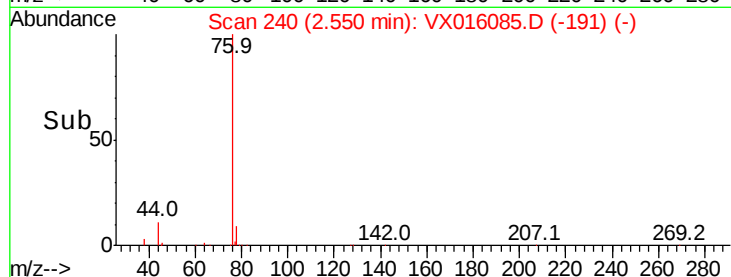
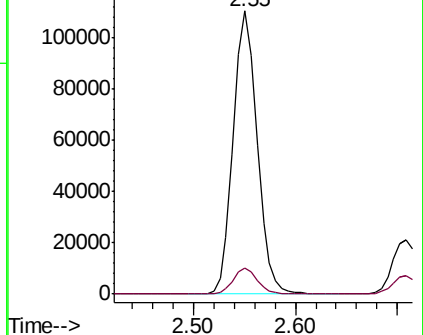
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.344 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016085.D

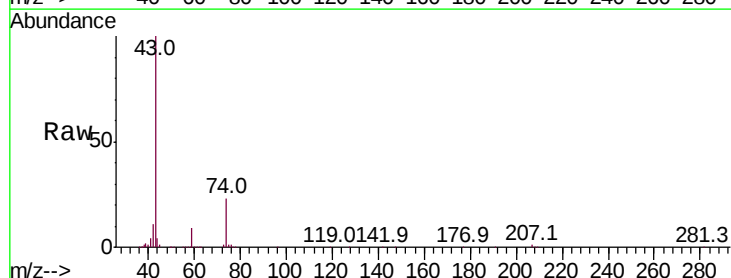
Acq: 07 May 2020 11:01

Tgt Ion: 43 Resp: 83778

Ion Ratio Lower Upper

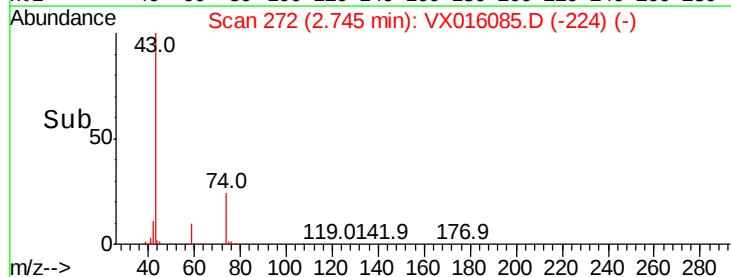
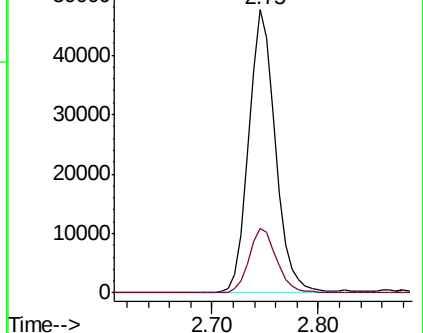
43 100

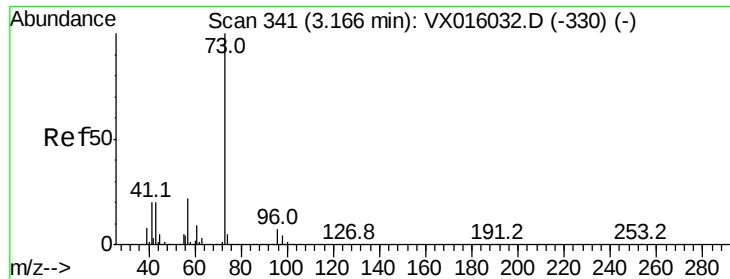
74 24.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

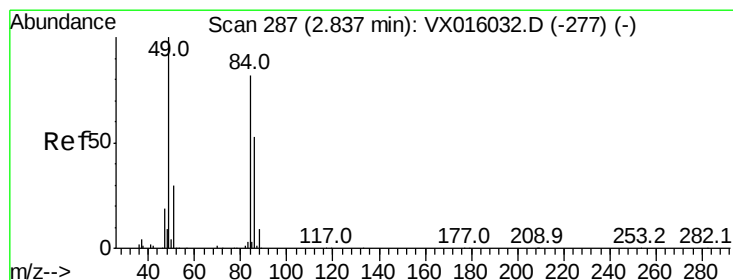
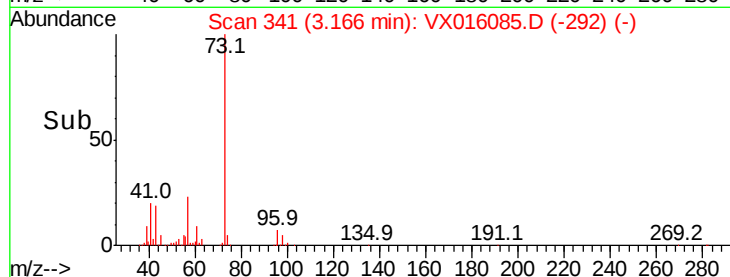
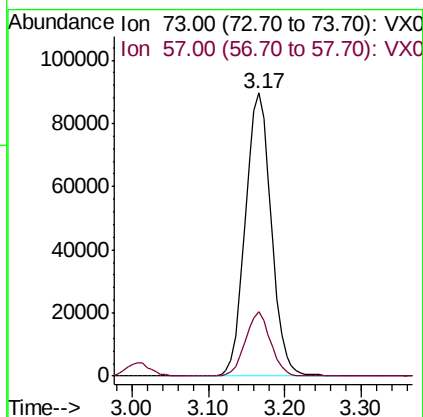
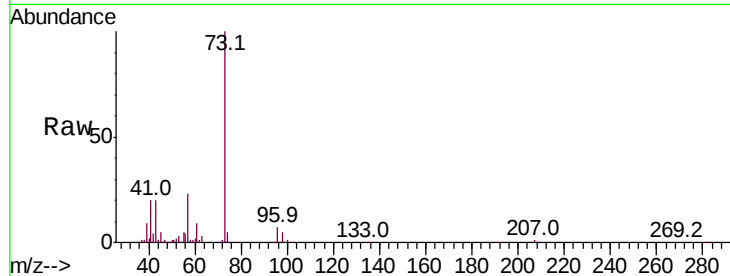




#19
Methvl tert-butvl Ether
Concen: 18.575 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

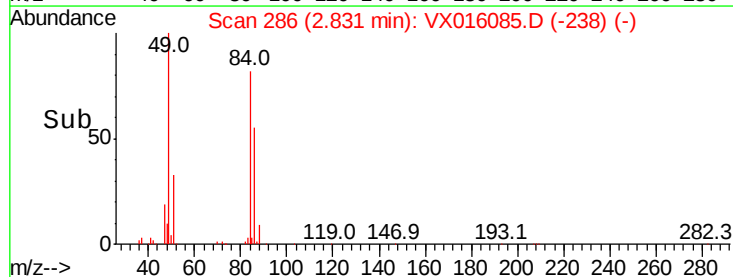
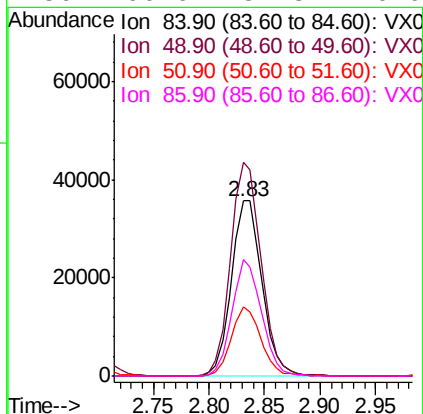
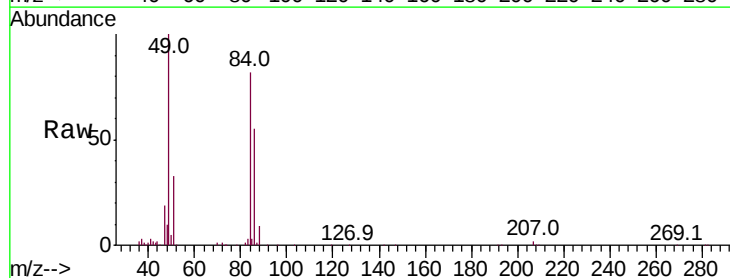
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

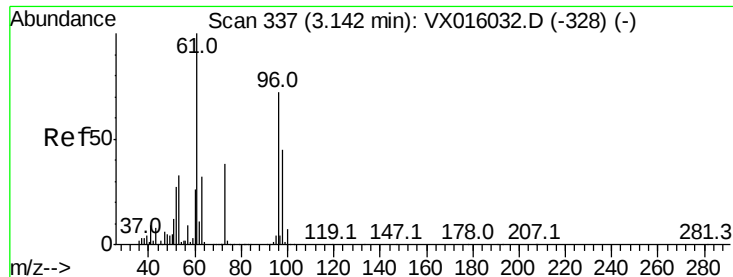
Tot Ion: 73 Resp: 210576
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.6



#20
Methylene Chloride
Concen: 17.678 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 84 Resp: 67691
Ion Ratio Lower Upper
84 100
49 122.1 97.3 145.9
51 39.5 29.3 43.9
86 66.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.708 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

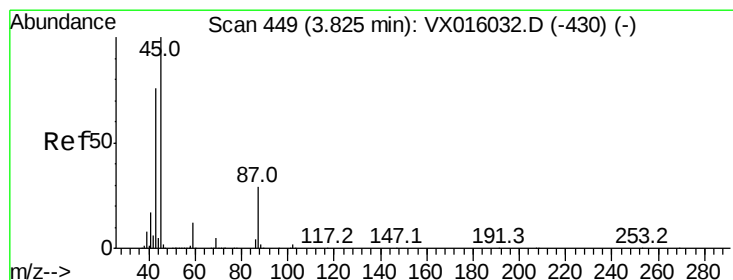
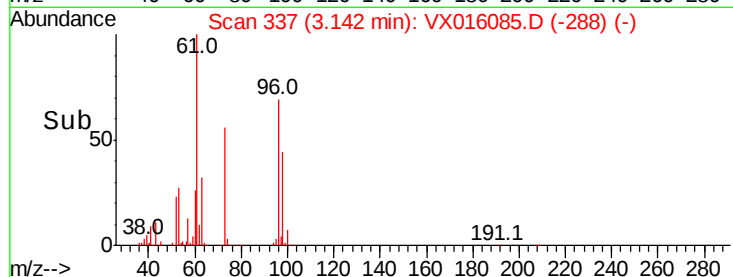
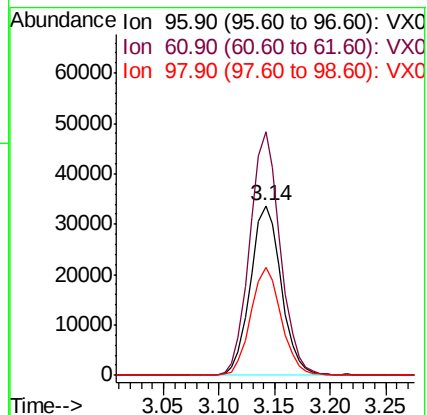
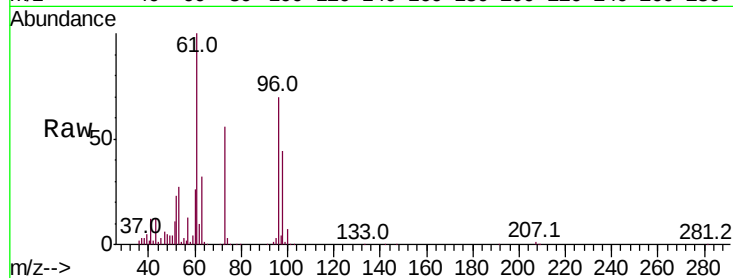
Tot Ion: 96 Resp: 64894

Ion Ratio Lower Upper

96 100

61 143.8 111.2 166.8

98 63.4 50.2 75.4



#22

Diisopropyl ether

Concen: 18.541 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion: 45 Resp: 210905

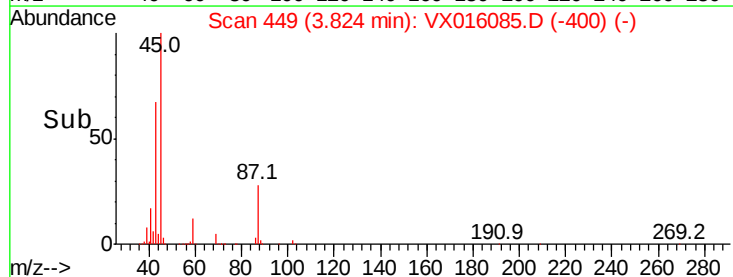
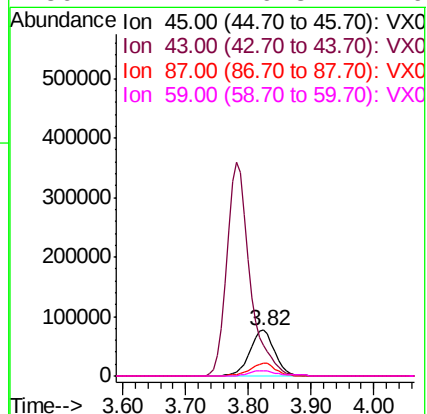
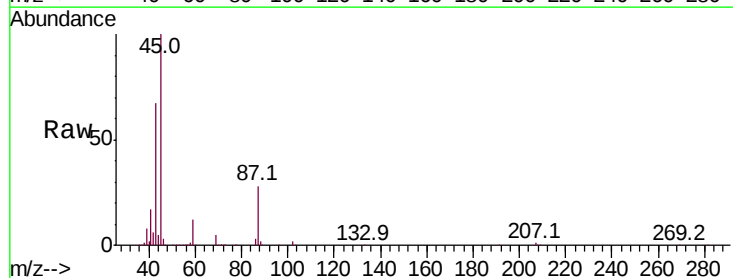
Ion Ratio Lower Upper

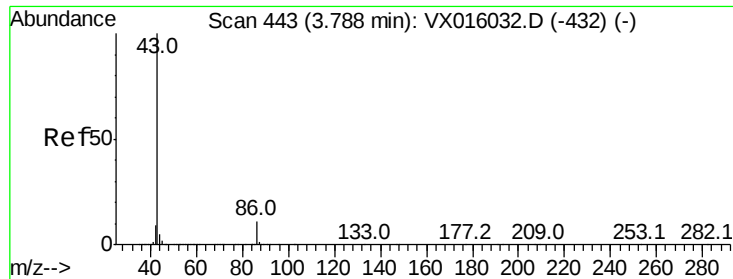
45 100

43 66.7 61.1 91.7

87 27.8 23.0 34.6

59 12.2 9.8 14.6





#23

Vinyl Acetate

Concen: 91.524 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

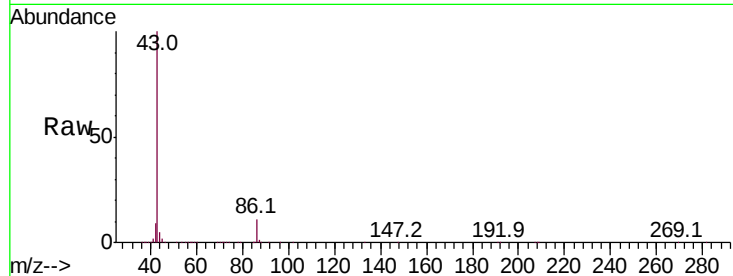
VX0507WBS01

Tot Ion: 43 Resp: 915959

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

400000

300000

200000

100000

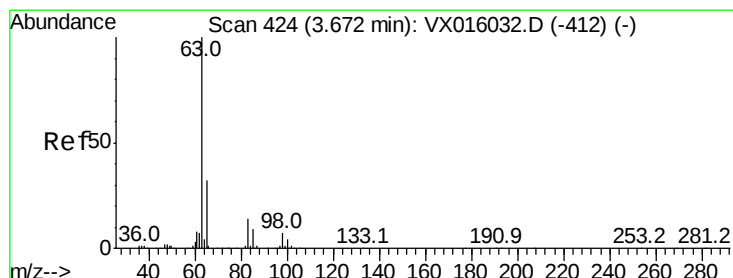
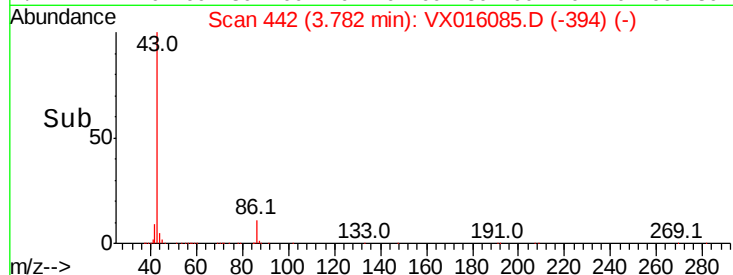
0

Time-->

3.60

3.80

4.00



#24

1,1-Dichloroethane

Concen: 18.741 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

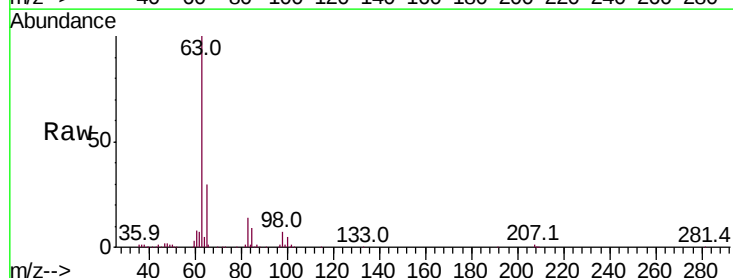
Tgt Ion: 63 Resp: 119254

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.5 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

60000

40000

20000

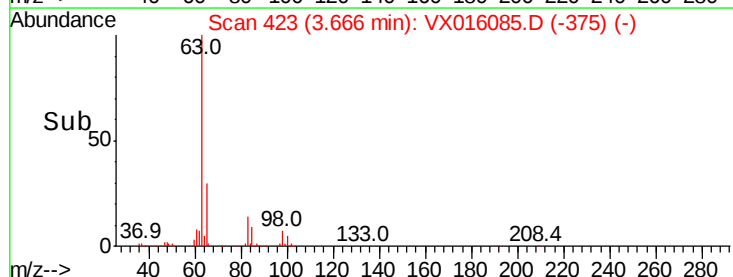
0

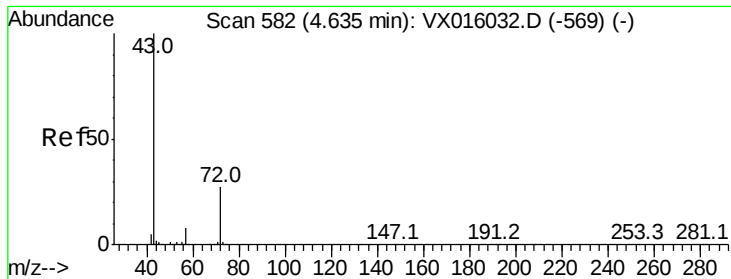
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 87.864 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

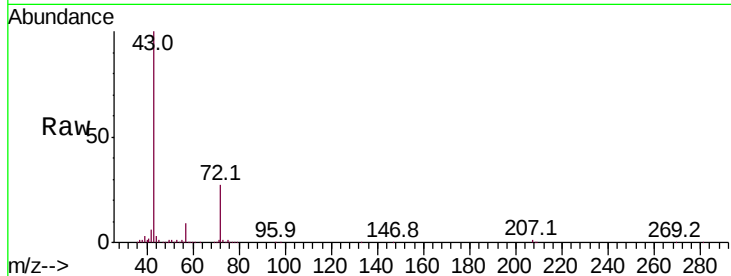
VX0507WBS01

Tot Ion: 43 Resp: 262985

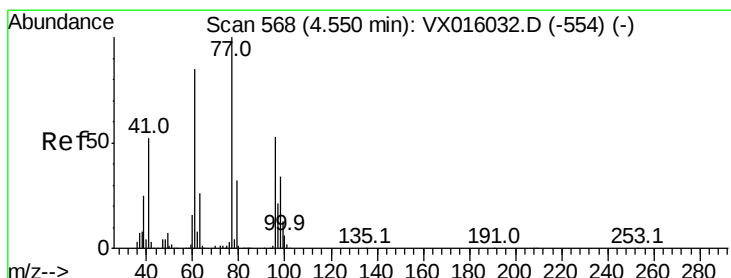
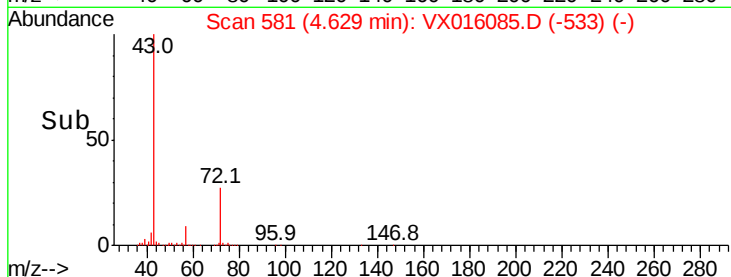
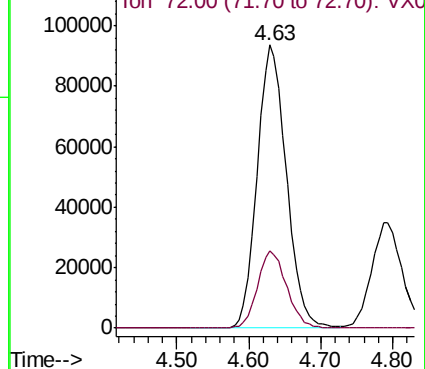
Ion Ratio Lower Upper

43 100

72 27.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 18.518 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016085.D

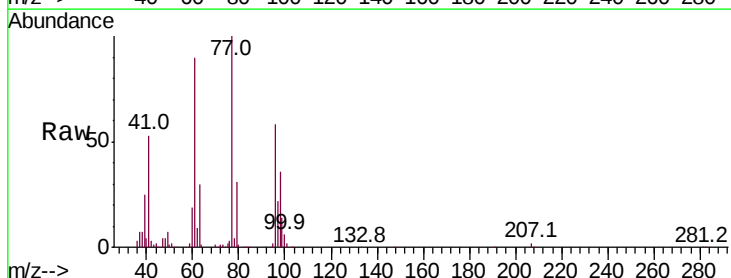
Acq: 07 May 2020 11:01

Tgt Ion: 77 Resp: 107615

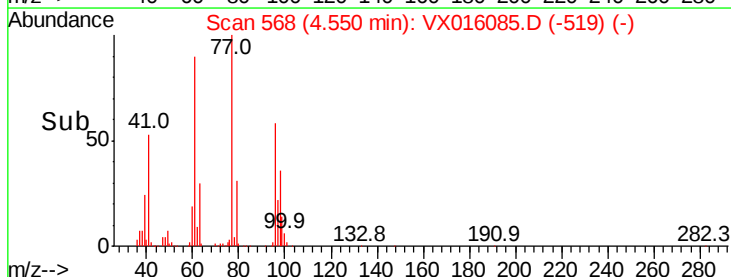
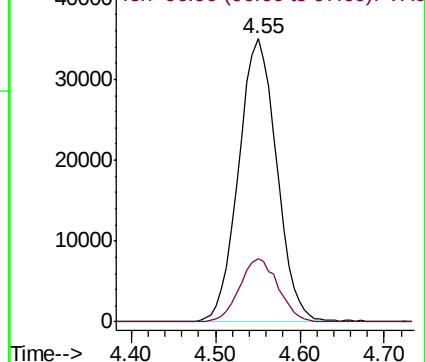
Ion Ratio Lower Upper

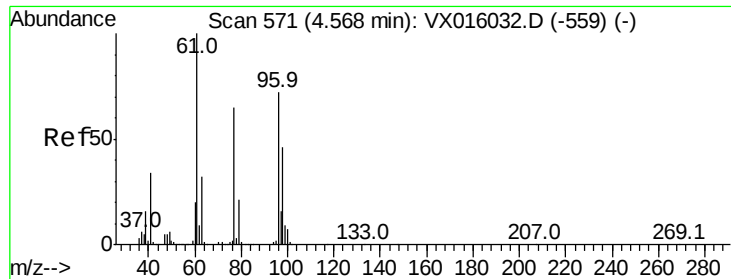
77 100

97 22.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0



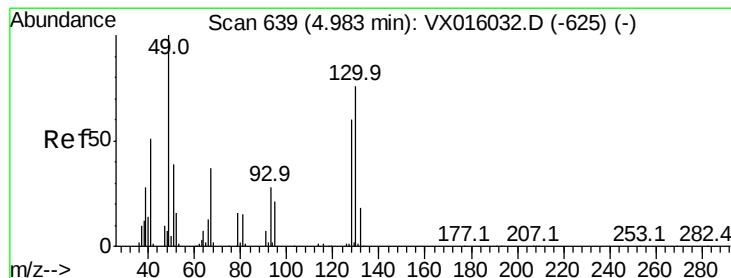
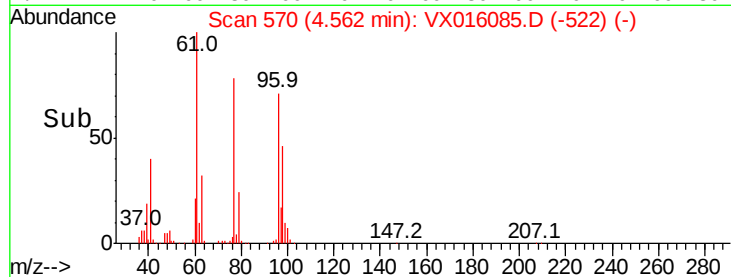
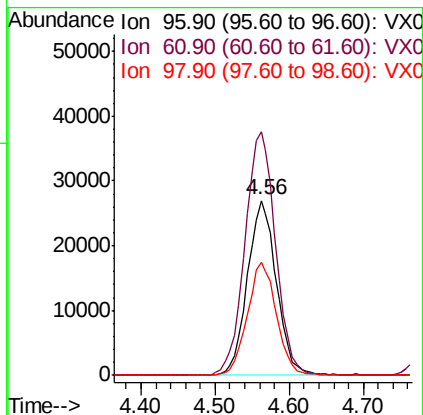
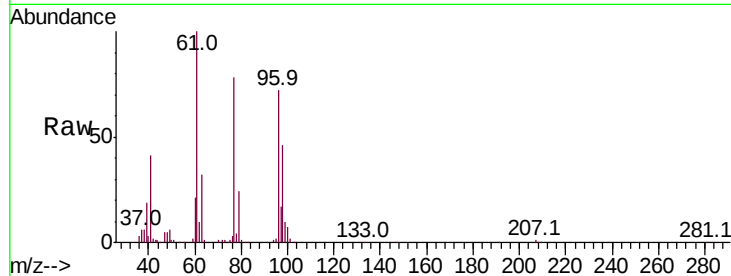


#27

cis-1,2-Dichloroethene
Concen: 18.436 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

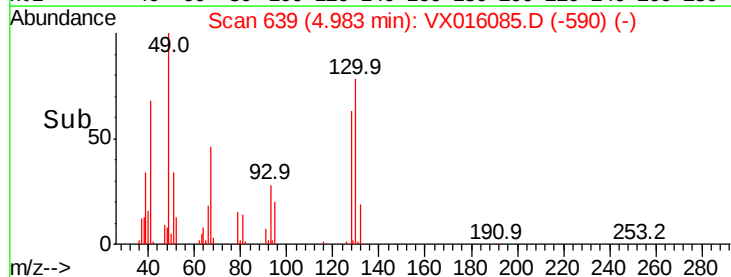
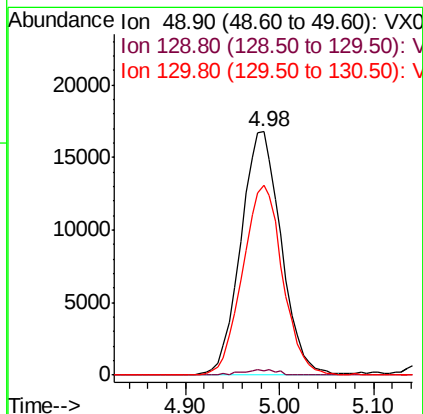
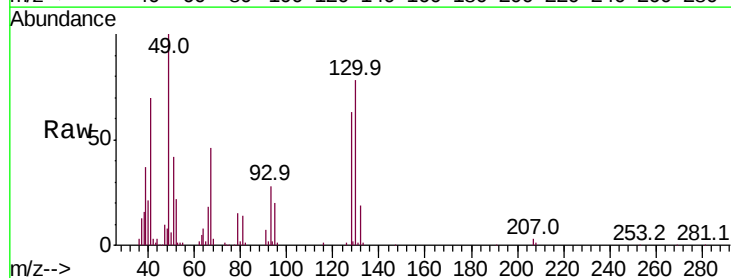
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	296.2
98	64.9	0.0	129.4

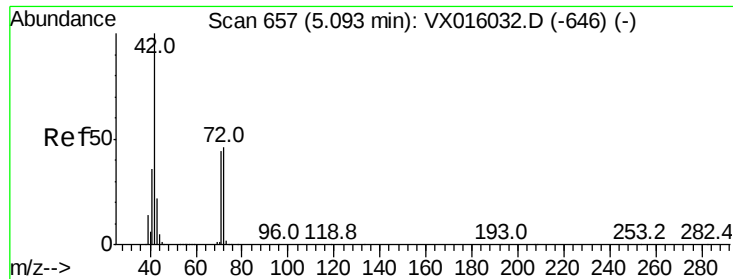


#28

Bromochloromethane
Concen: 17.314 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	77.0	62.4	93.6





#29

Tetrahydrofuran

Concen: 89.080 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

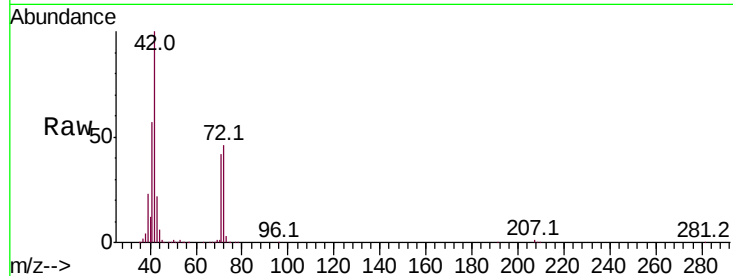
Tot Ion: 42 Resp: 176667

Ion Ratio Lower Upper

42 100

72 46.5 37.1 55.7

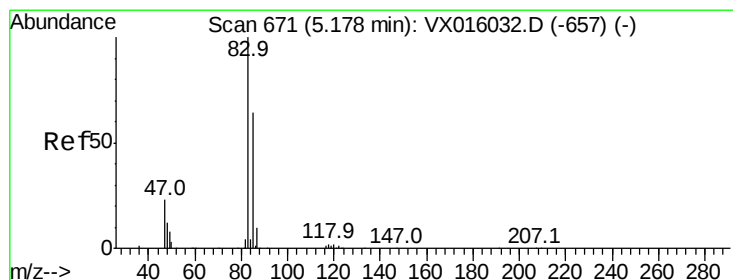
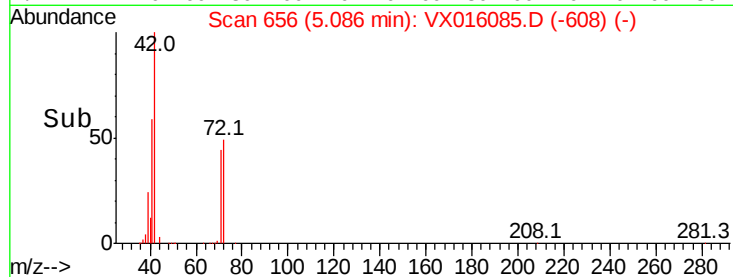
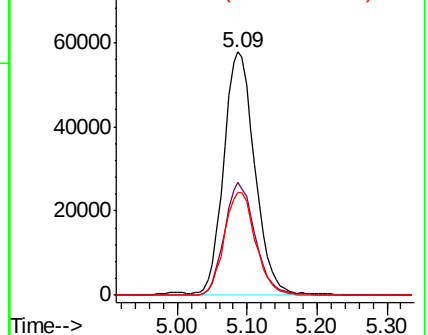
71 43.0 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.364 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016085.D

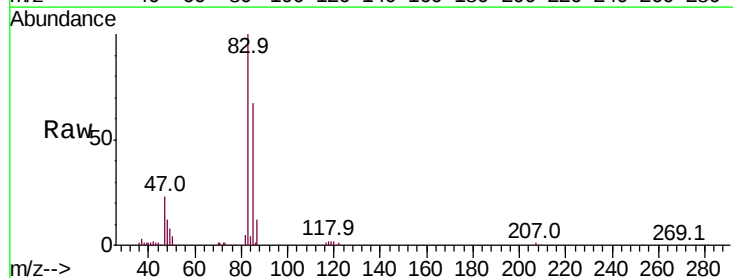
Acq: 07 May 2020 11:01

Tgt Ion: 83 Resp: 116350

Ion Ratio Lower Upper

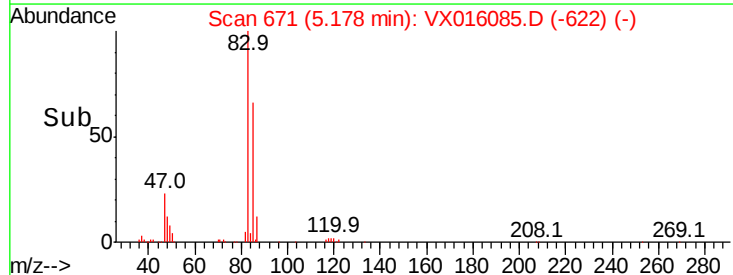
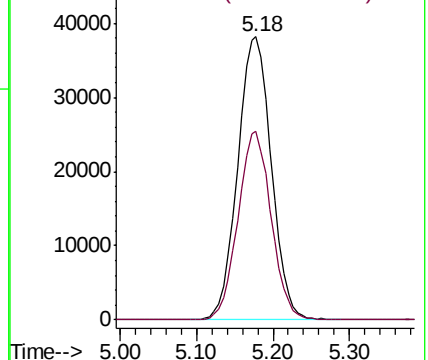
83 100

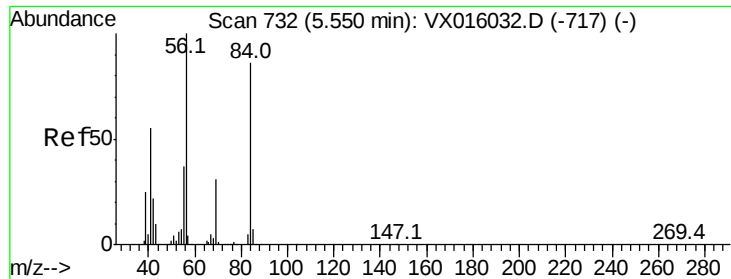
85 66.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

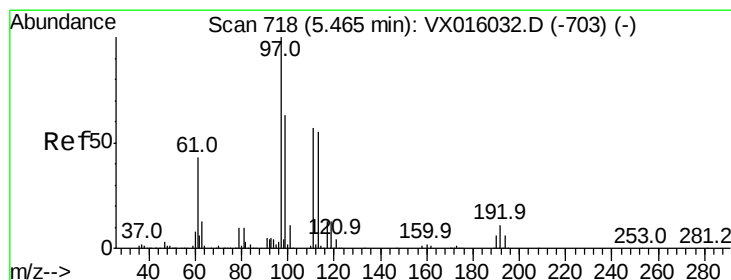
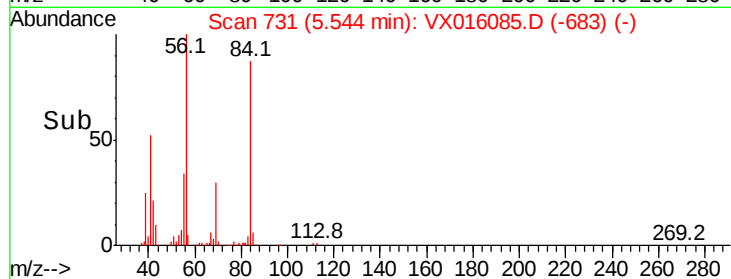
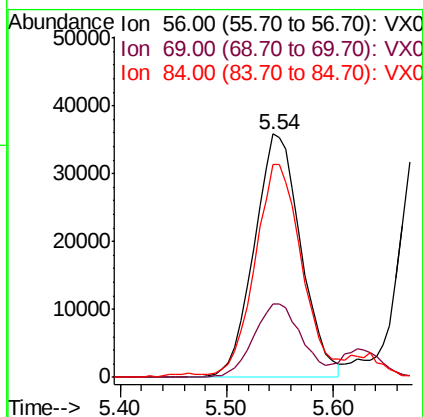
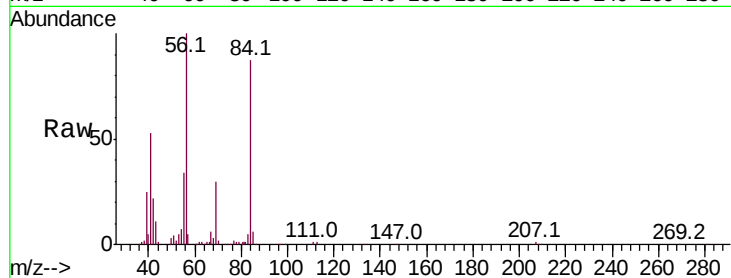




#31
Cyclohexane
Concen: 18.931 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

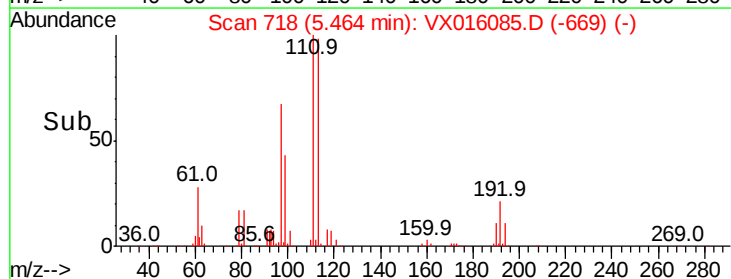
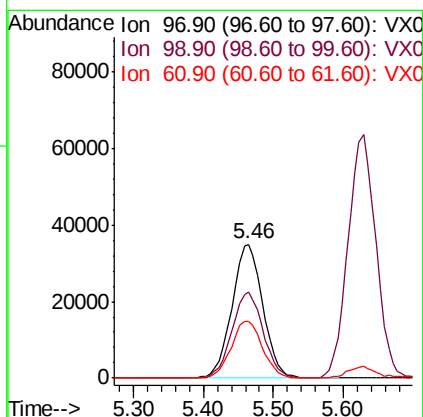
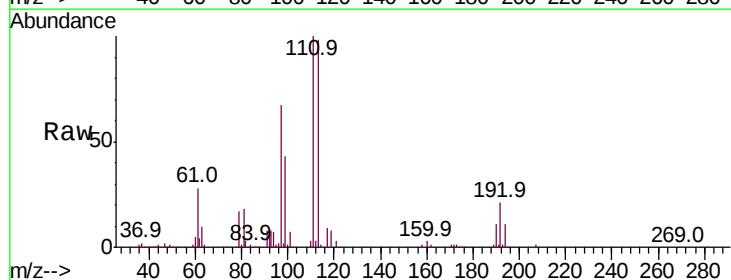
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

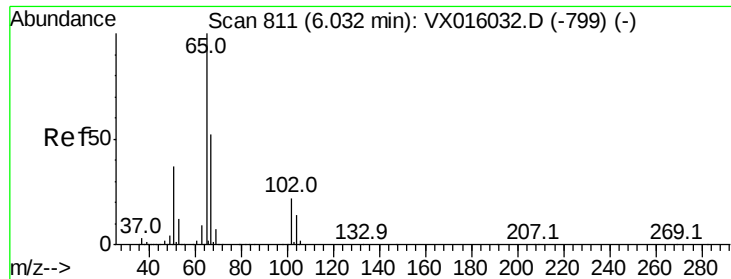
Tot Ion: 56 Resp: 109482
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 85.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.501 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 97 Resp: 106549
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.256 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

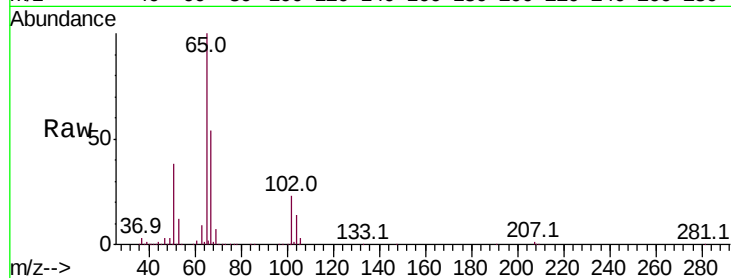
VX0507WBS01

Tot Ion: 65 Resp: 192559

Ion Ratio Lower Upper

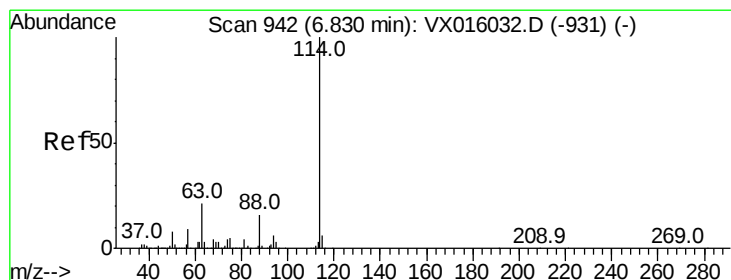
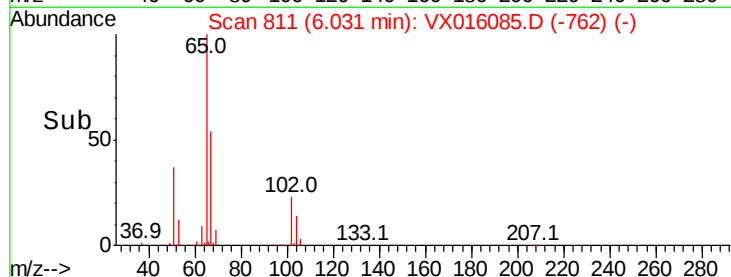
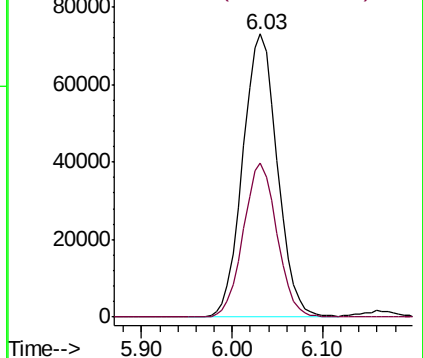
65 100

67 53.1 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

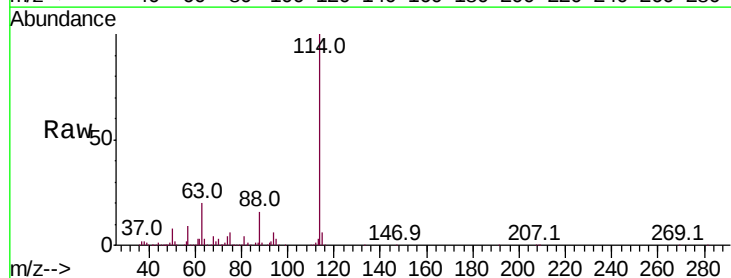
Tgt Ion: 114 Resp: 492334

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

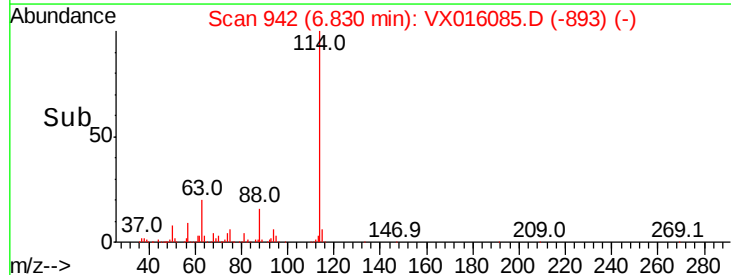
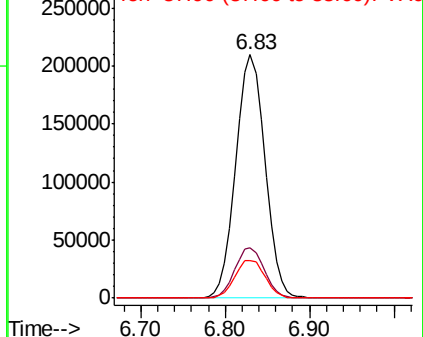
88 15.7 0.0 31.4

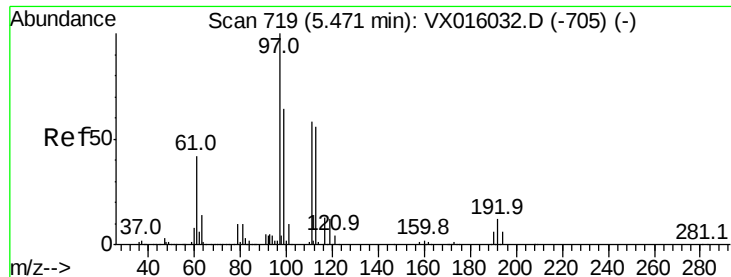


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.896 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

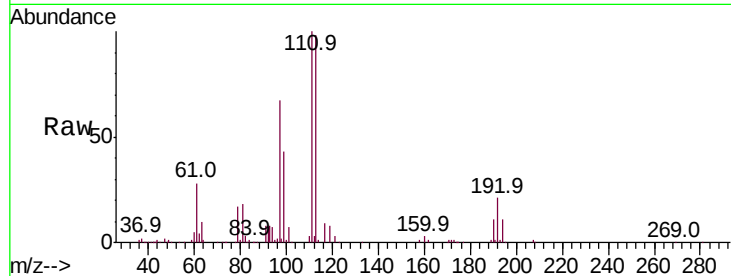
Tot Ion:113 Resp: 149395

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

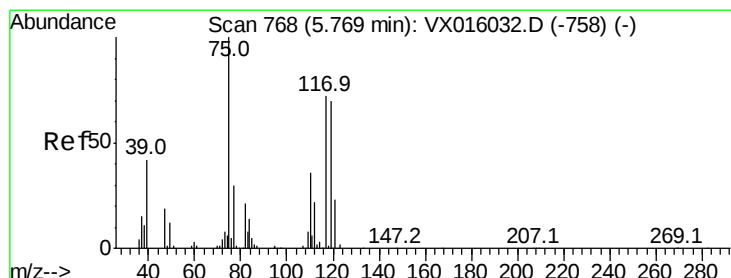
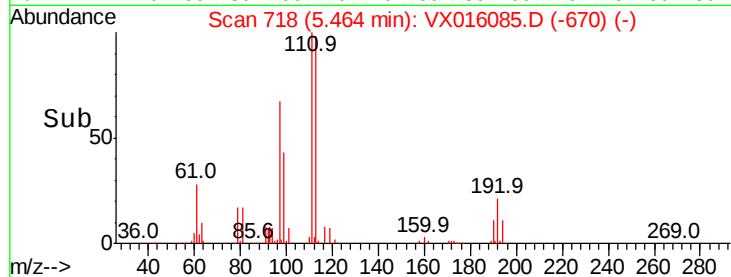
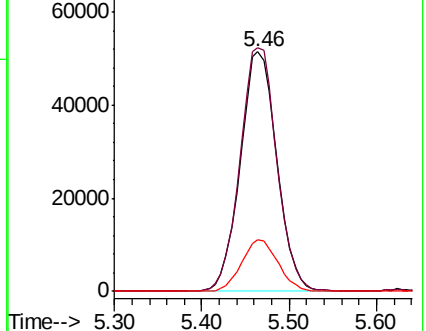
192 21.4 17.0 25.4



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: 18.826 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

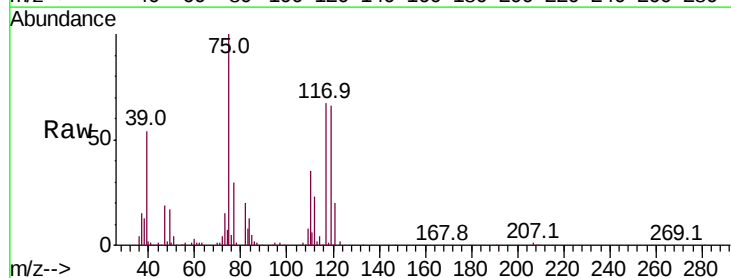
Tgt Ion: 75 Resp: 91235

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.1

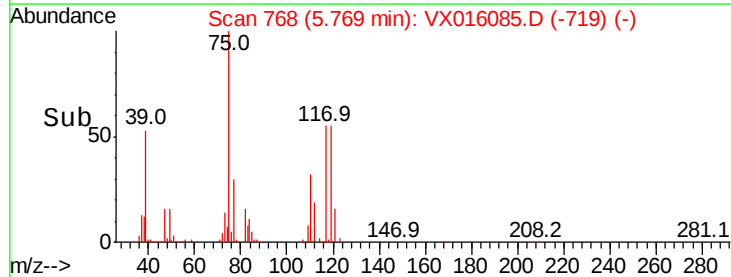
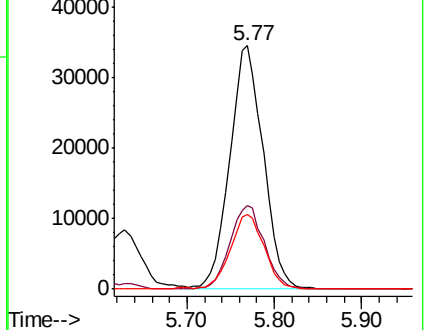
77 31.2 25.0 37.6

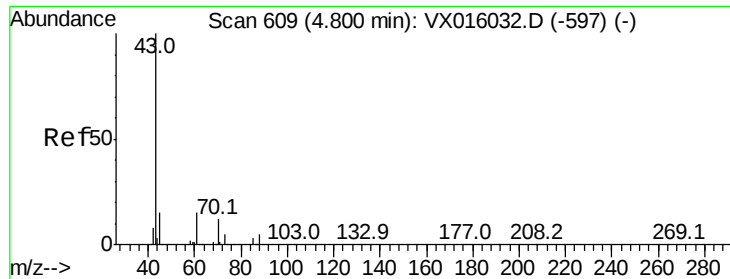


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

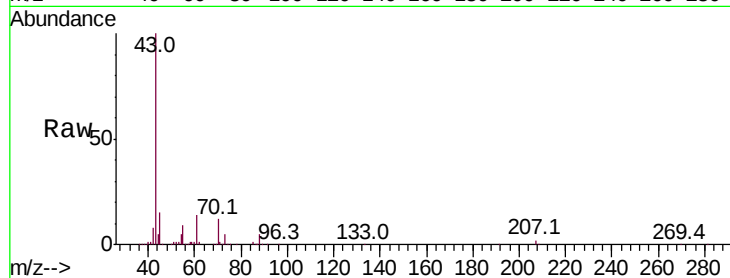




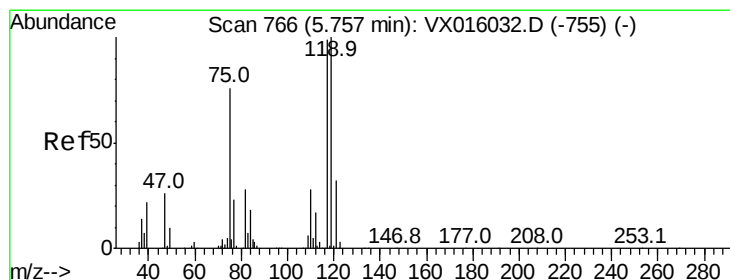
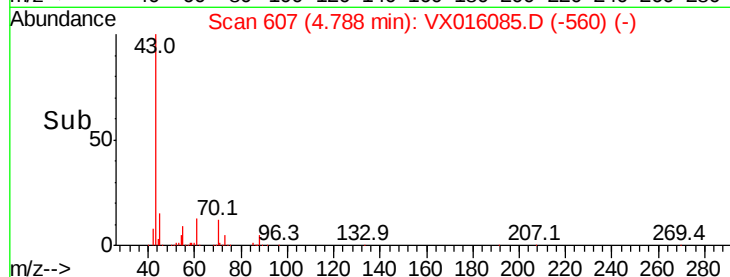
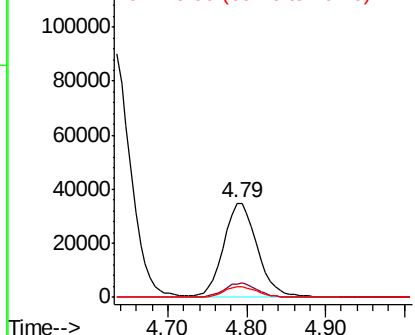
#37
Ethyl Acetate
Concen: 18.274 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion: 43 Resp: 102644
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 11.7 9.3 13.9

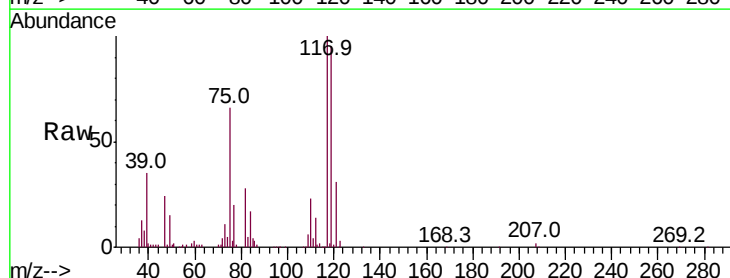


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

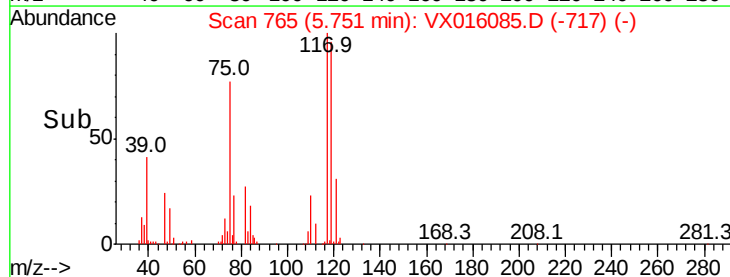
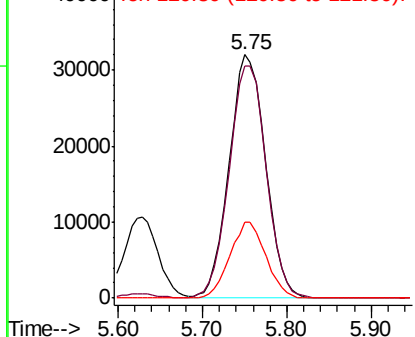


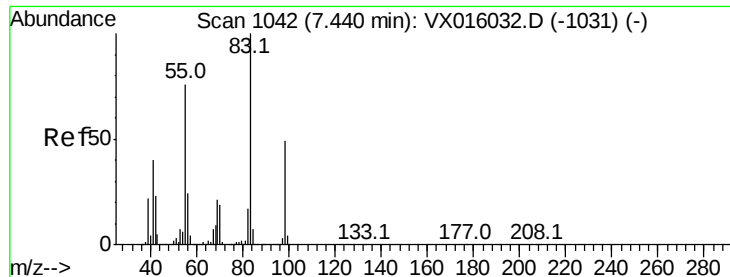
#38
Carbon Tetrachloride
Concen: 19.054 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 117 Resp: 93860
Ion Ratio Lower Upper
117 100
119 95.4 80.3 120.5
121 31.2 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



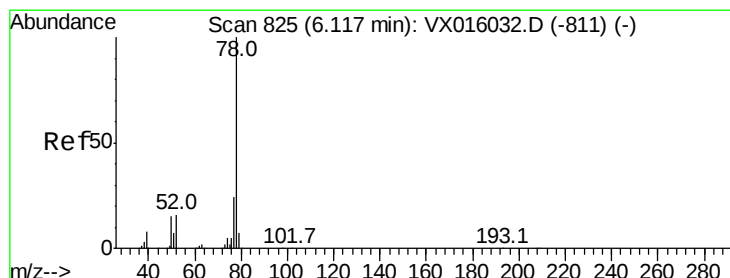
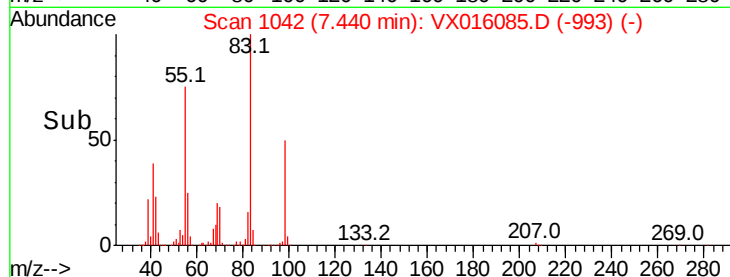
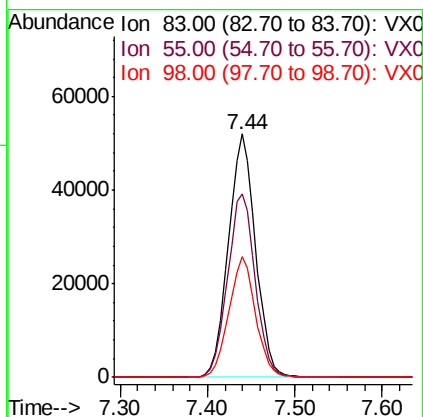
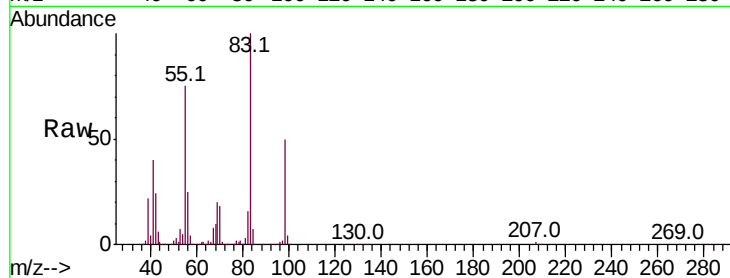


#39
Methvlcvclohexane
Concen: 19.193 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion: 83 Resp: 112015

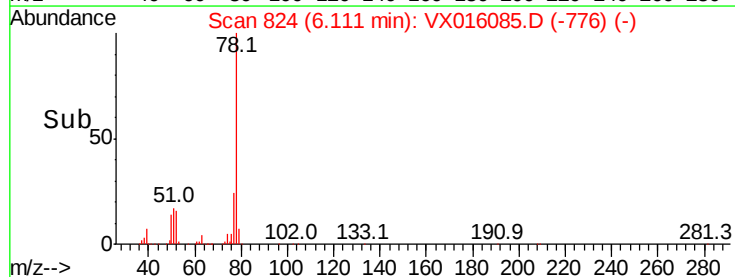
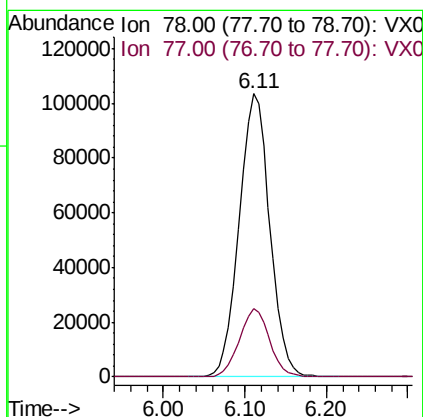
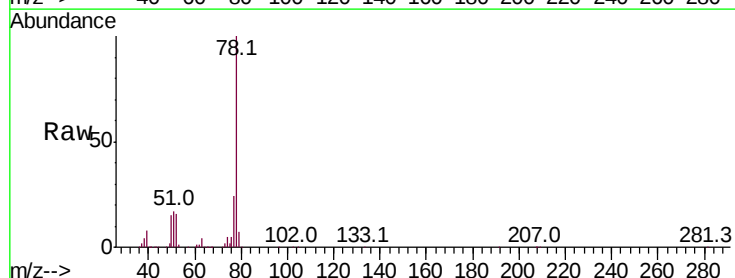
Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.1	91.7
98	49.8	39.0	58.4

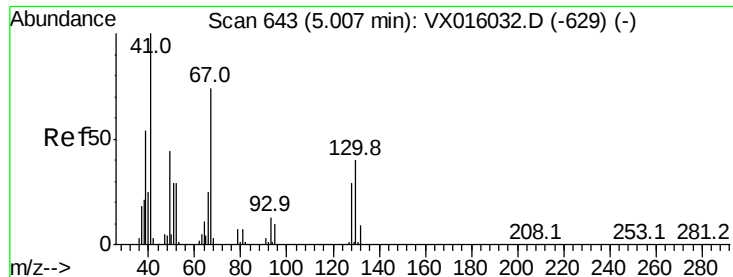


#40
Benzene
Concen: 18.940 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 78 Resp: 268565

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

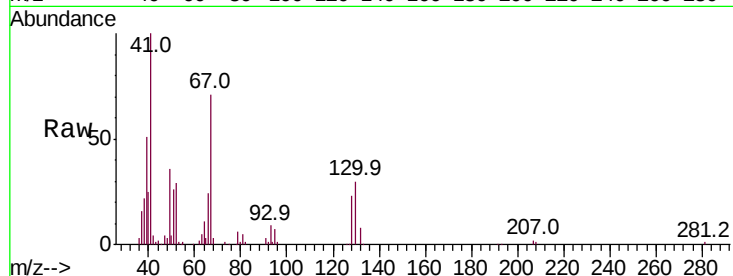




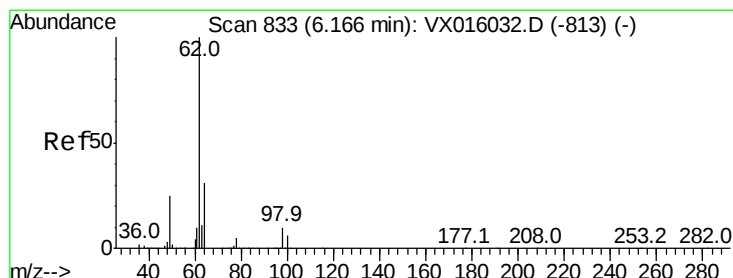
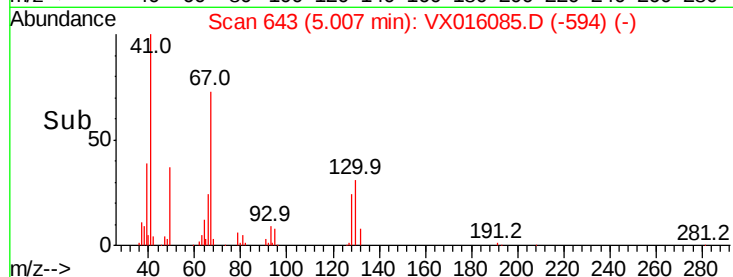
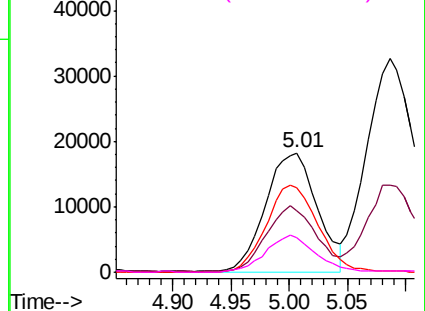
#41
Methacrylonitrile
Concen: 18.459 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion:	41	Resp:	55995
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.2	64.8
67	74.0	59.3	88.9
52	30.6	23.5	35.3

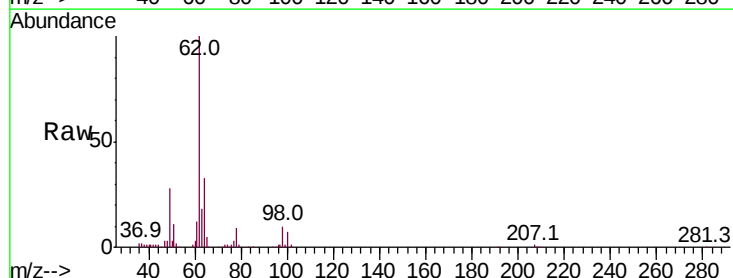


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

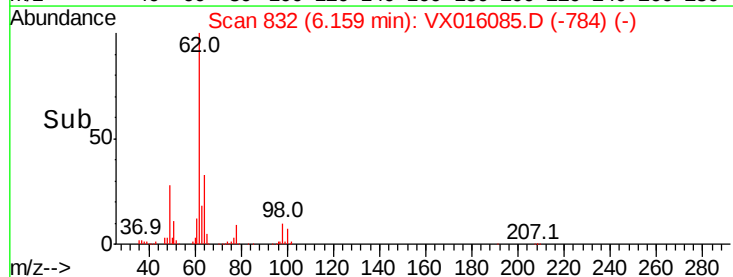
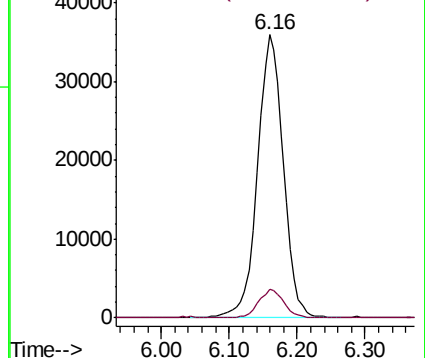


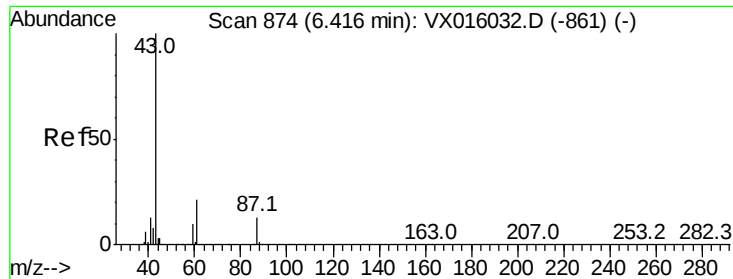
#42
1,2-Dichloroethane
Concen: 18.680 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion:	62	Resp:	95418
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



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



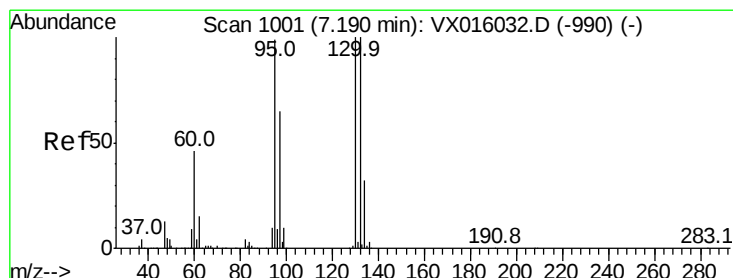
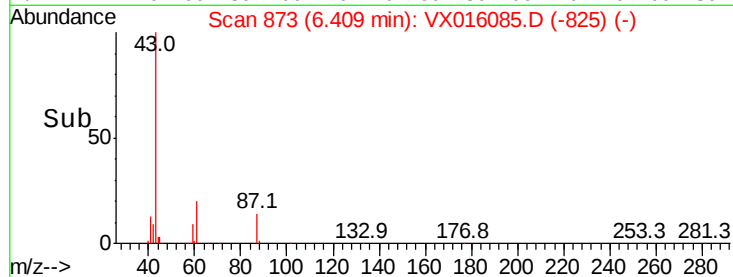
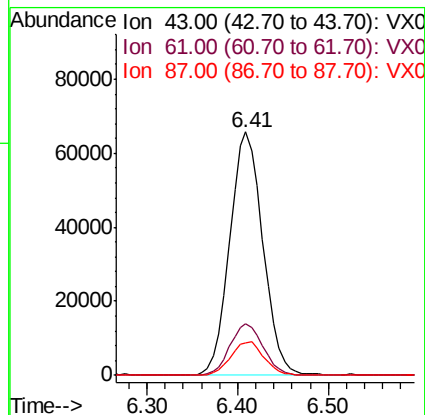
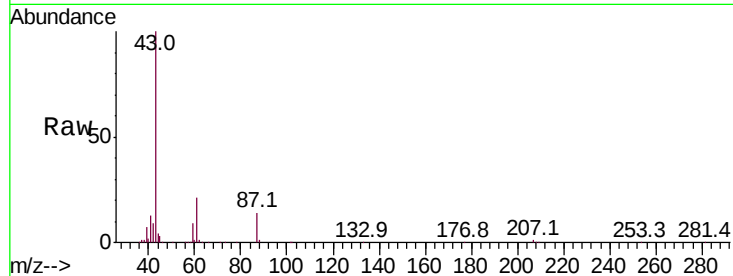


#43

Isopropyl Acetate
 Concen: 18.455 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

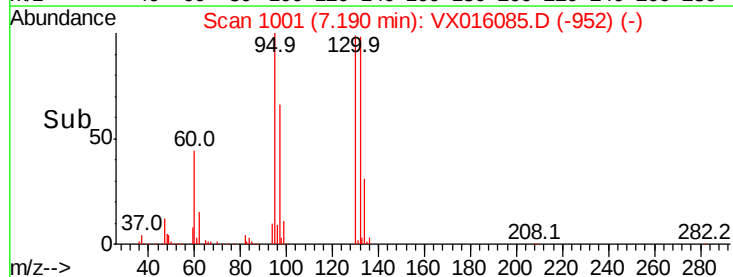
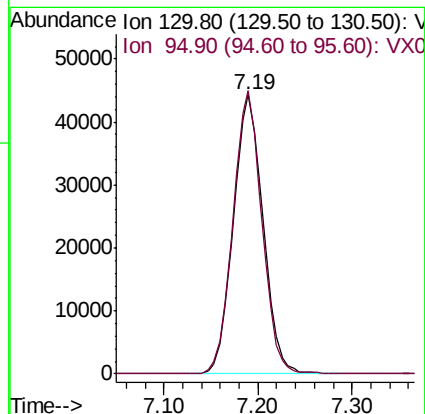
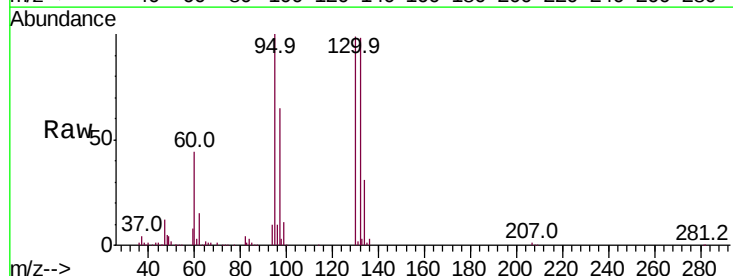
Tot Ion	43	Resp	165398
Ion Ratio	100	Lower	Upper
61	21.4	17.0	25.4
87	13.9	11.0	16.6

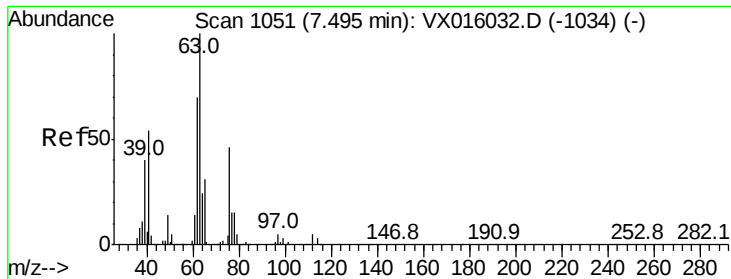


#44

Trichloroethene
 Concen: 19.236 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	130	Resp	96904
Ion Ratio	100	Lower	Upper
95	101.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.591 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

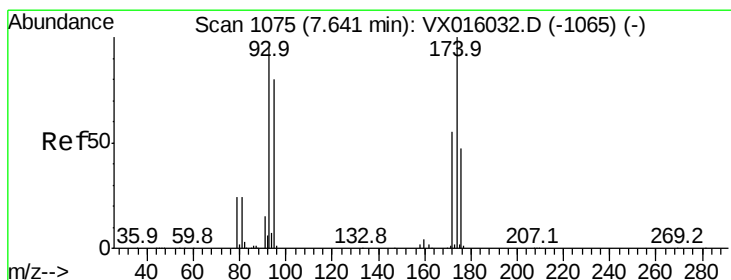
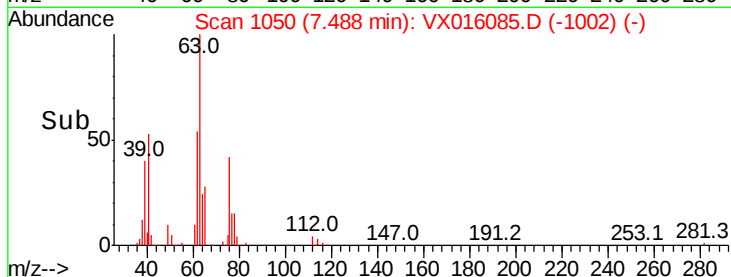
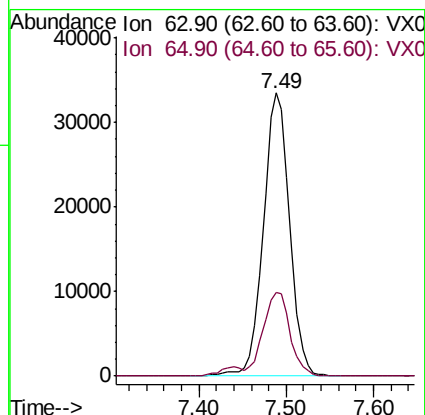
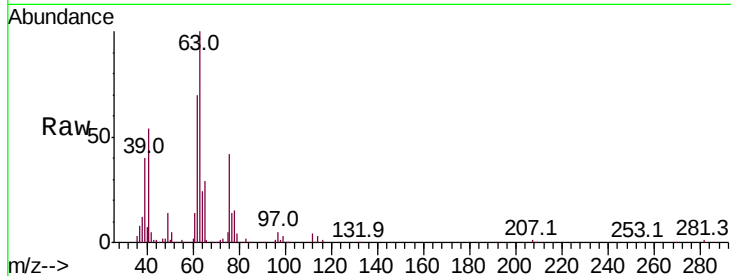
VX0507WBS01

Tot Ion: 63 Resp: 70293

Ion Ratio Lower Upper

63 100

65 29.4 24.4 36.6



#46

Dibromomethane

Concen: 18.818 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

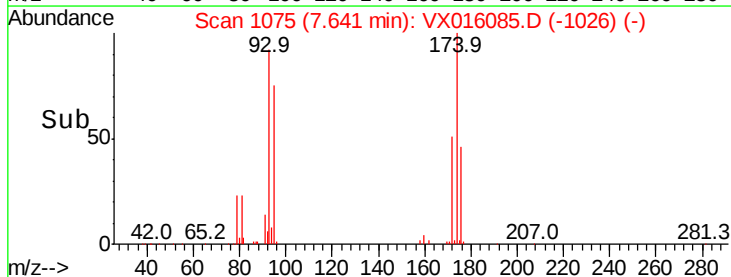
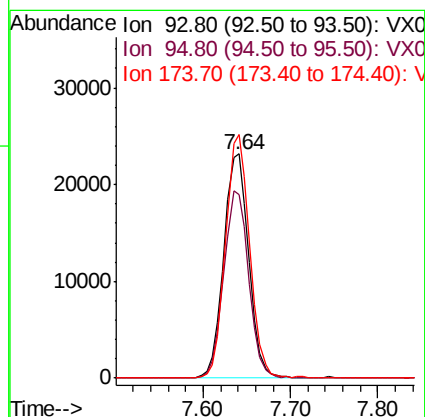
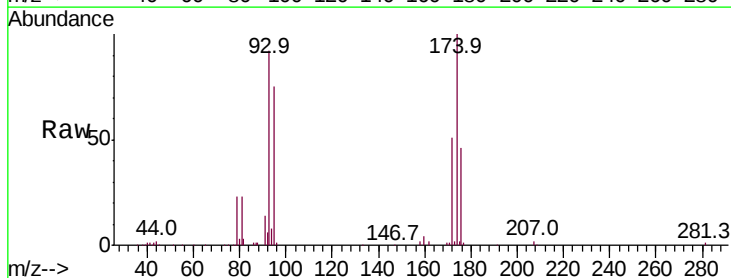
Tgt Ion: 93 Resp: 45885

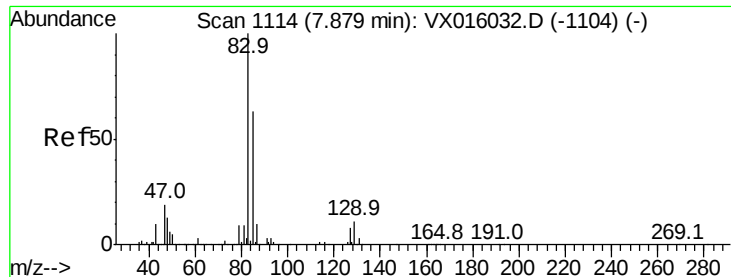
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 104.7 84.2 126.4





#47

Bromodichloromethane

Concen: 18.862 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

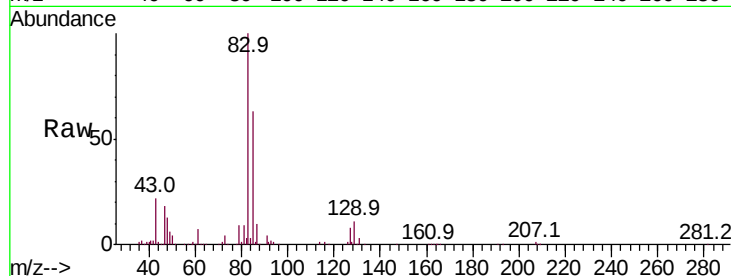
Tot Ion: 83 Resp: 93671

Ion Ratio Lower Upper

83 100

85 63.0 50.5 75.7

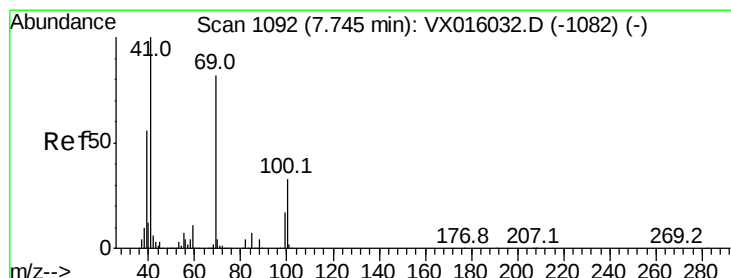
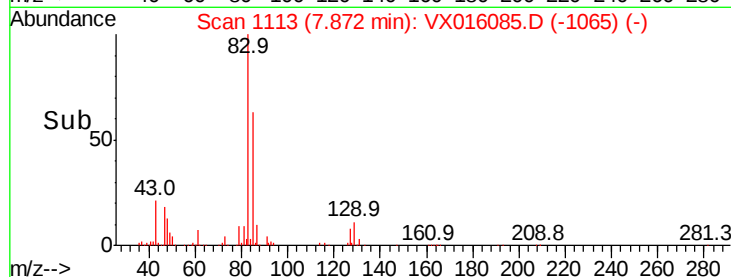
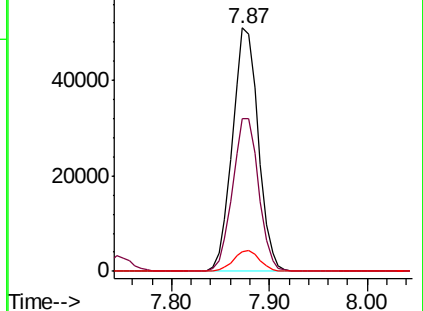
127 8.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.120 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

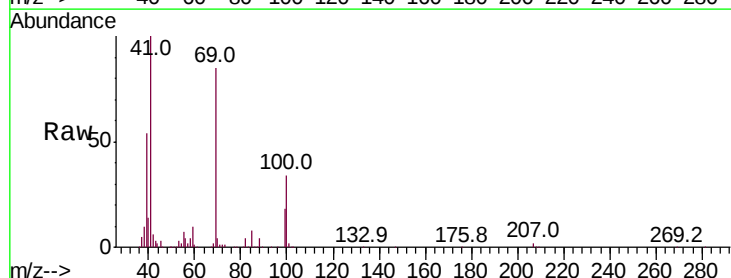
Tgt Ion: 41 Resp: 76951

Ion Ratio Lower Upper

41 100

69 85.7 67.8 101.6

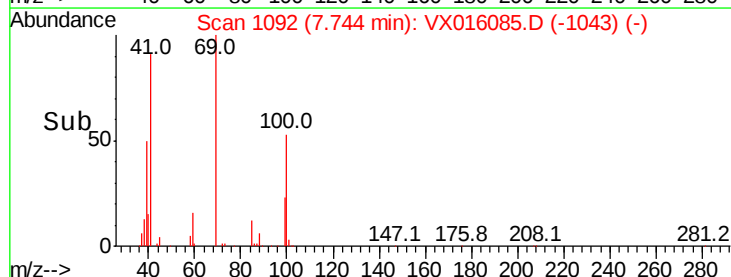
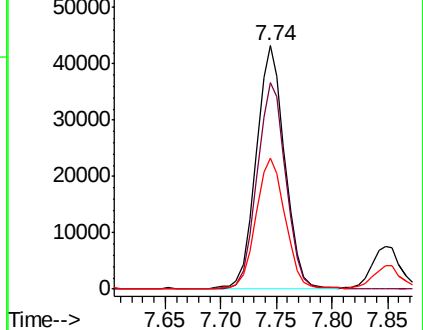
39 54.8 44.6 67.0

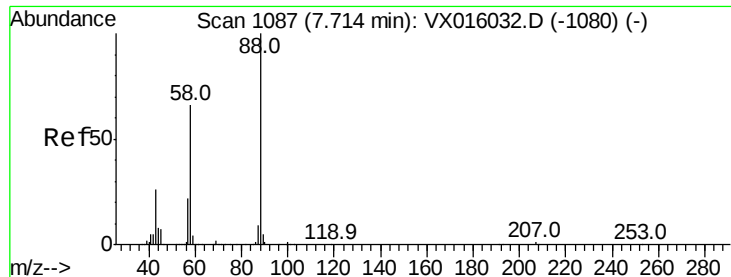


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 358.782 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

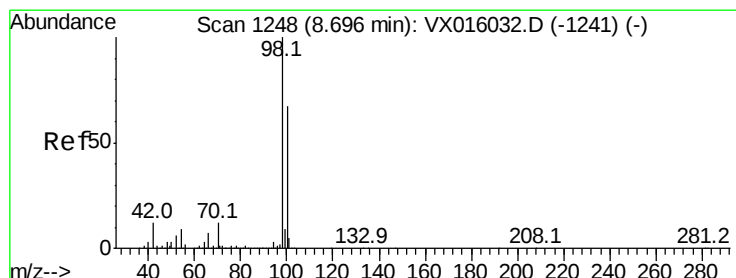
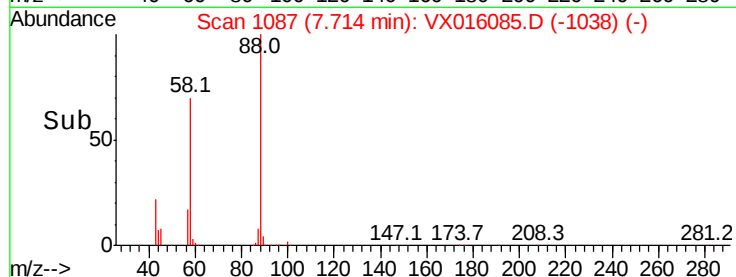
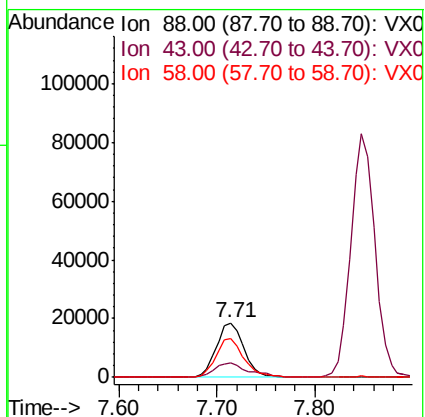
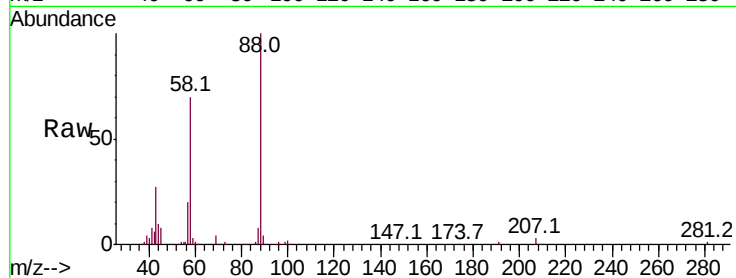
Tot Ion: 88 Resp: 36542

Ion Ratio Lower Upper

88 100

43 31.0 25.3 37.9

58 72.2 55.9 83.9



#50

Toluene-d8

Concen: 49.638 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016085.D

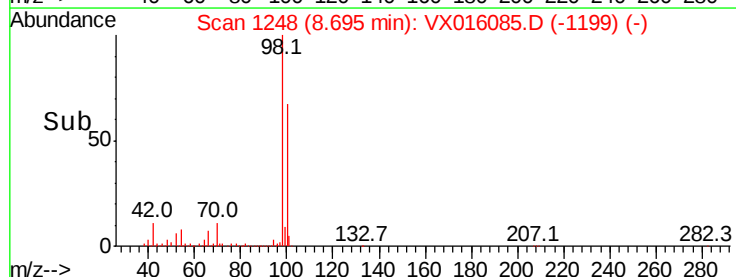
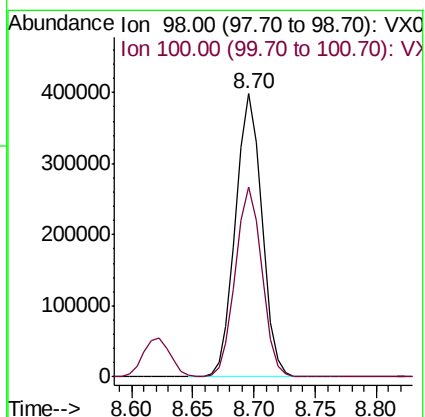
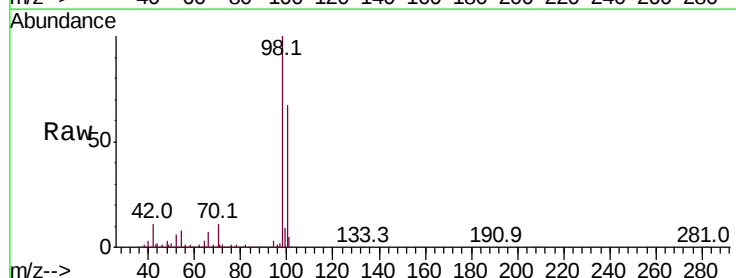
Acq: 07 May 2020 11:01

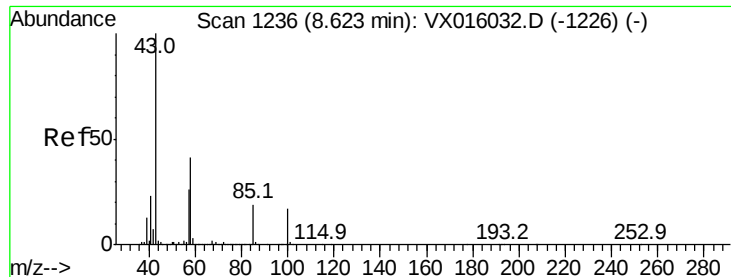
Tgt Ion: 98 Resp: 596567

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5

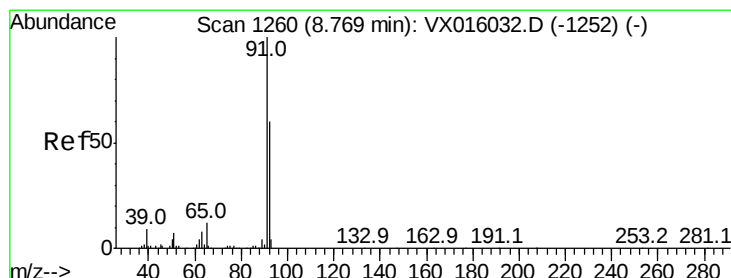
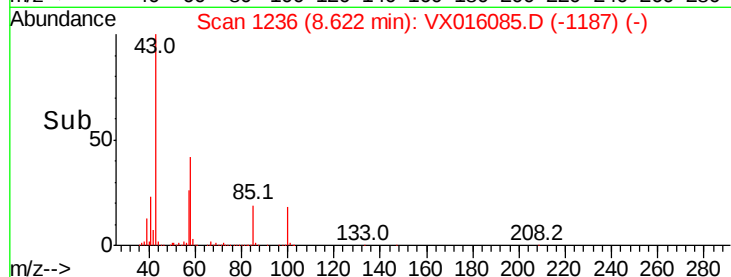
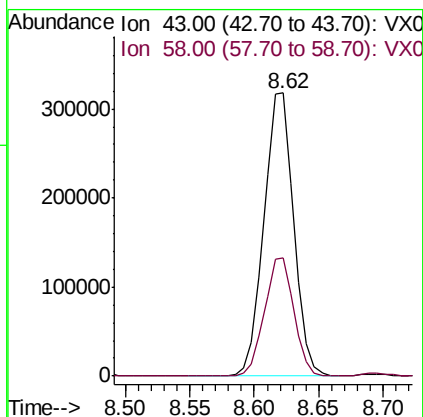
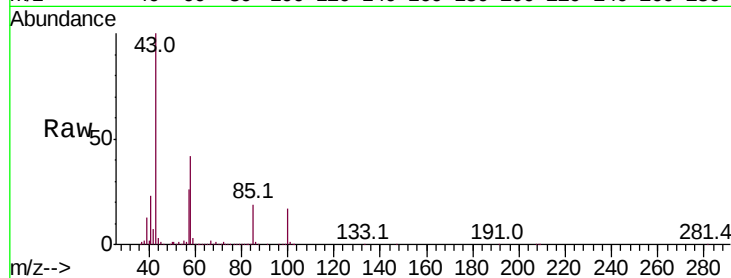




#51
 4-Methyl-2-Pentanone
 Concen: 92.862 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

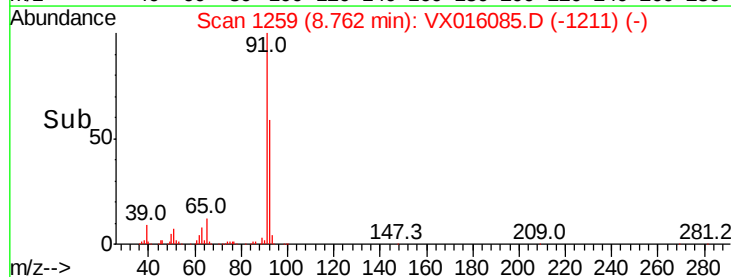
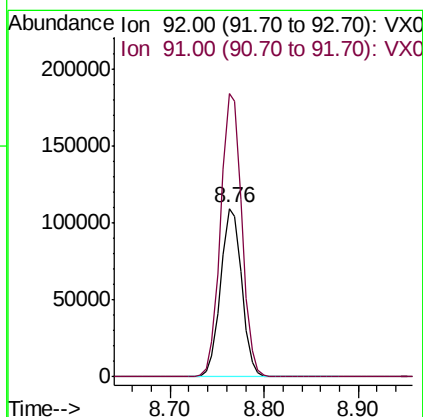
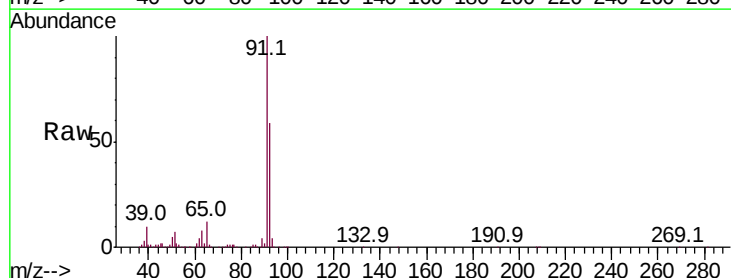
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

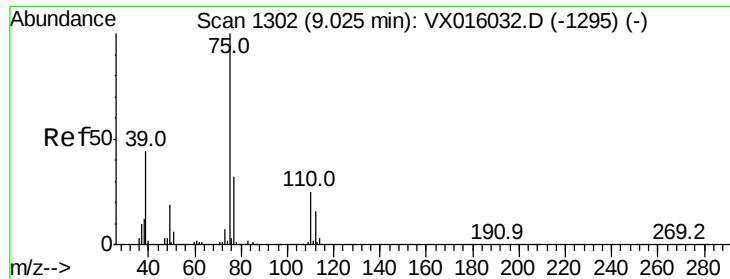
Tot Ion: 43 Resp: 509288
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.0 49.4



#52
 Toluene
 Concen: 19.250 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion: 92 Resp: 170147
 Ion Ratio Lower Upper
 92 100
 91 169.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.544 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

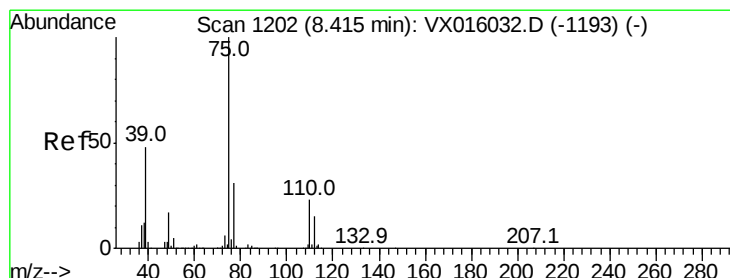
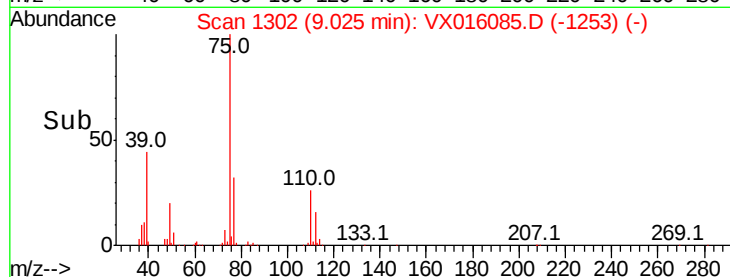
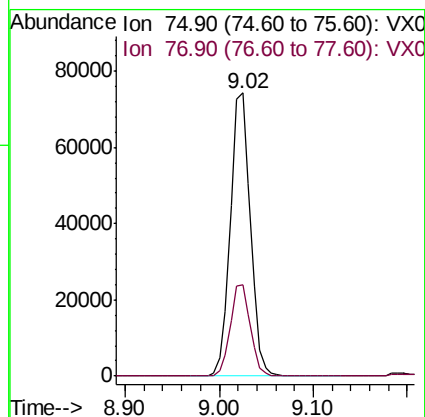
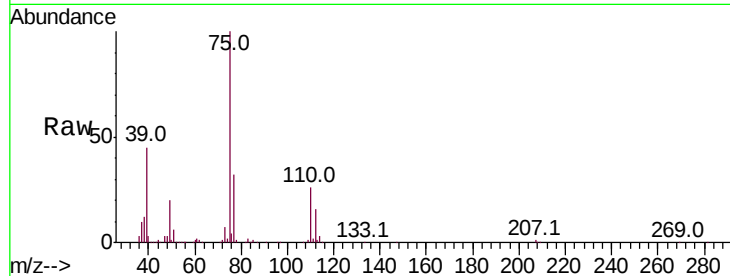
VX0507WBS01

Tot Ion: 75 Resp: 109798

Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.772 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

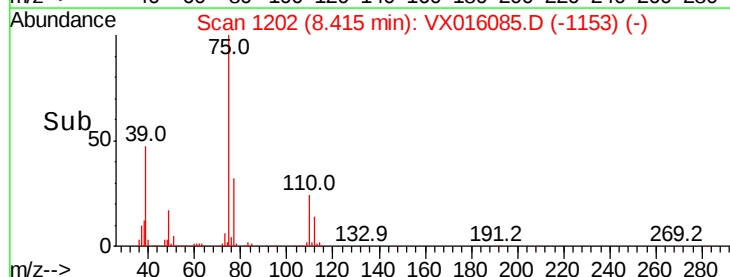
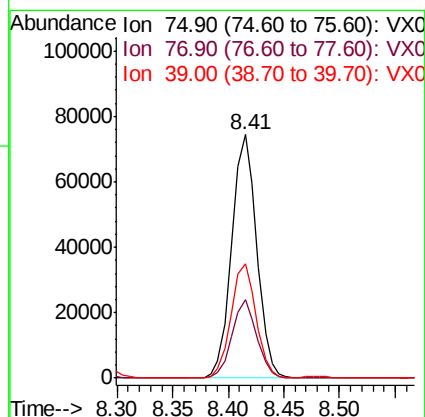
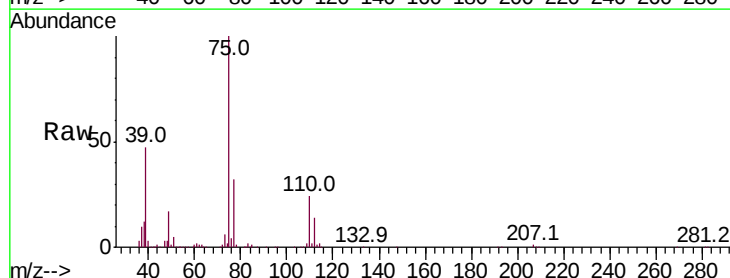
Tgt Ion: 75 Resp: 116095

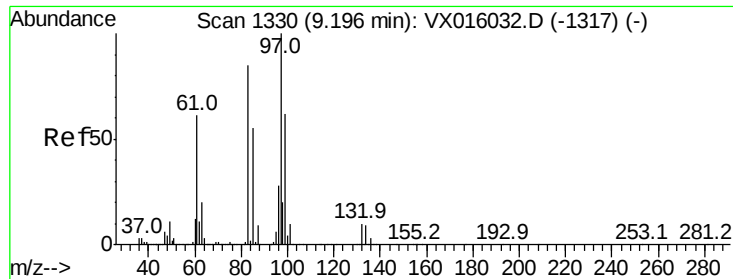
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 46.9 38.7 58.1

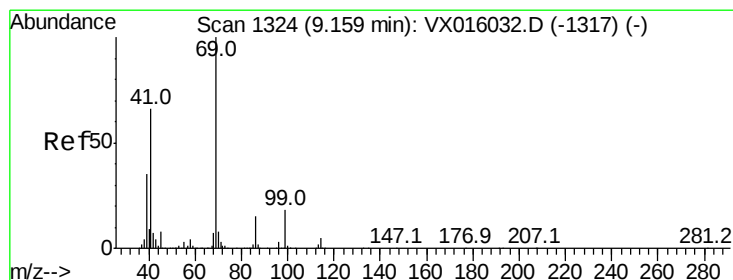
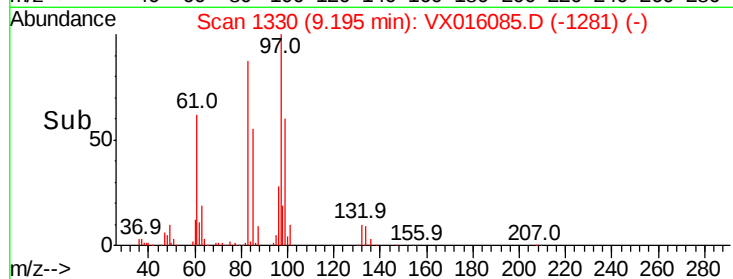
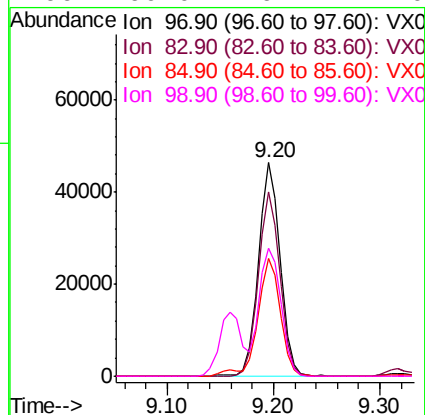
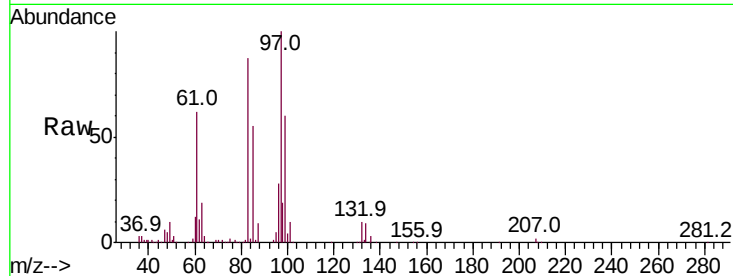




#55
 1,1,2-Trichloroethane
 Concen: 19.108 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

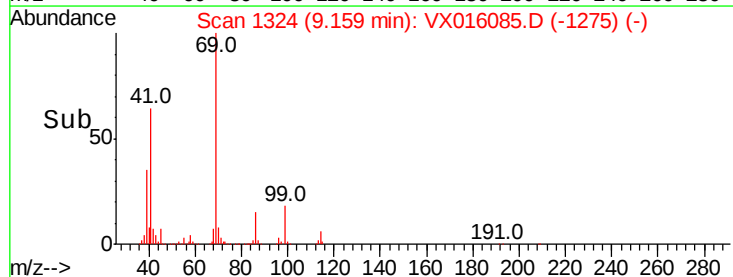
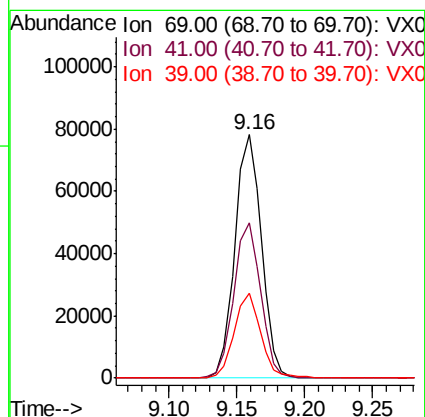
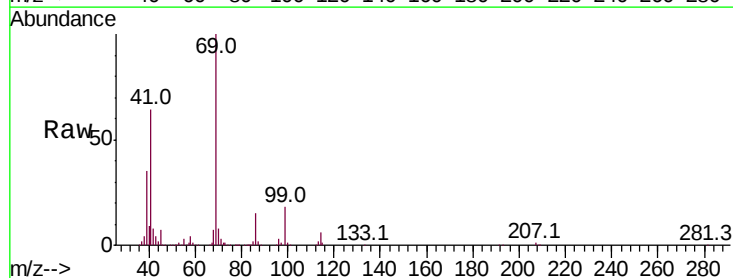
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

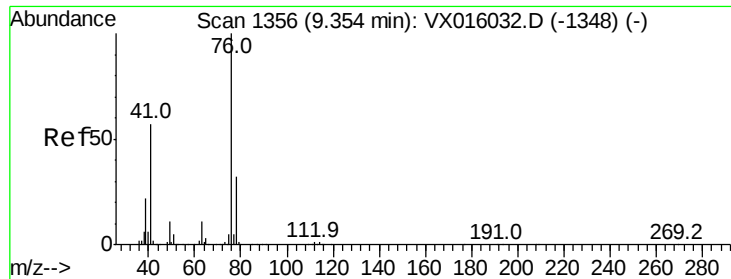
Tot Ion:	97	Resp:	66446
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.8	101.8
85	55.0	43.8	65.8
99	60.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.777 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion:	69	Resp:	106587
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.2	78.4
39	34.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.182 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

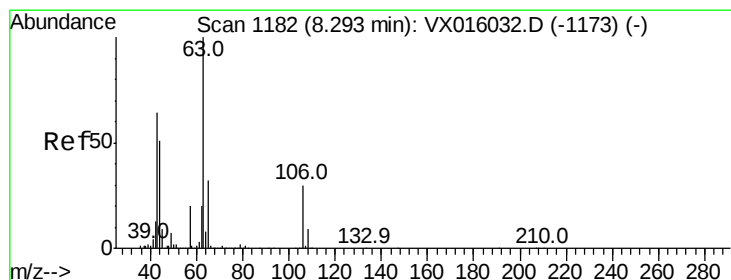
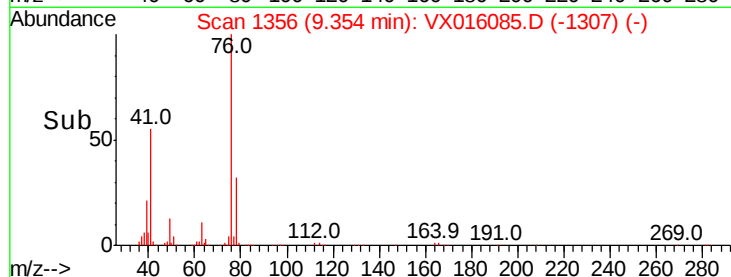
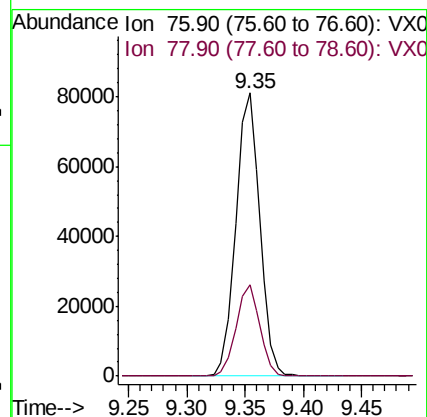
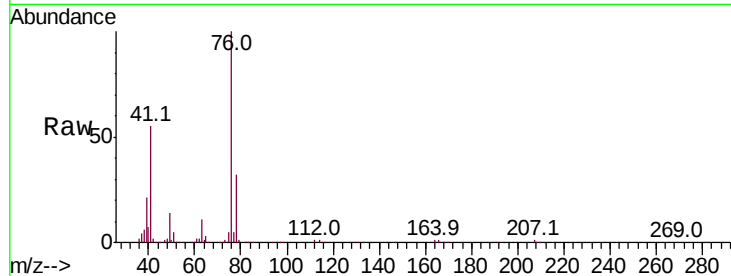
VX0507WBS01

Tot Ion: 76 Resp: 116395

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 86.851 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016085.D

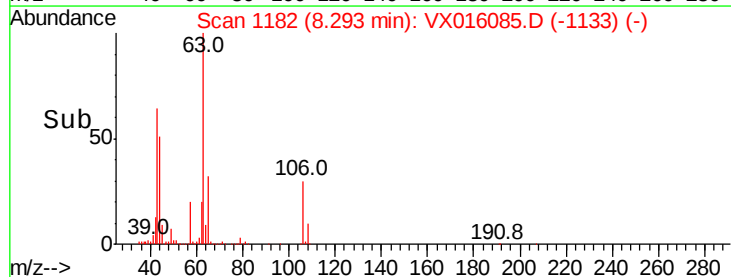
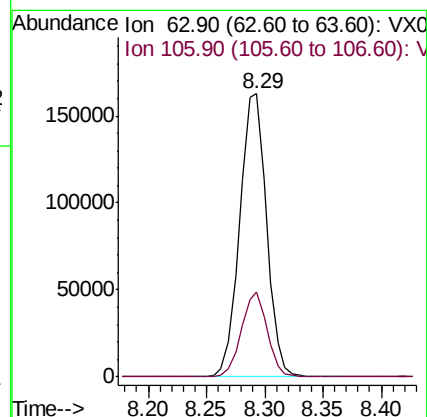
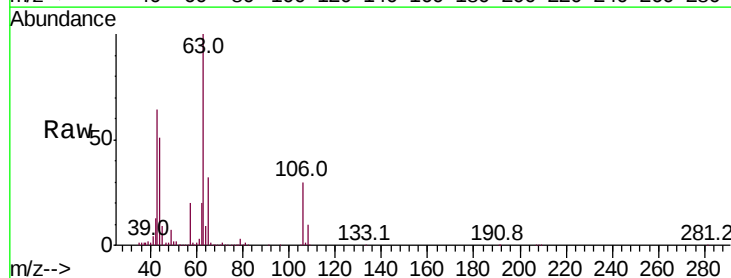
Acq: 07 May 2020 11:01

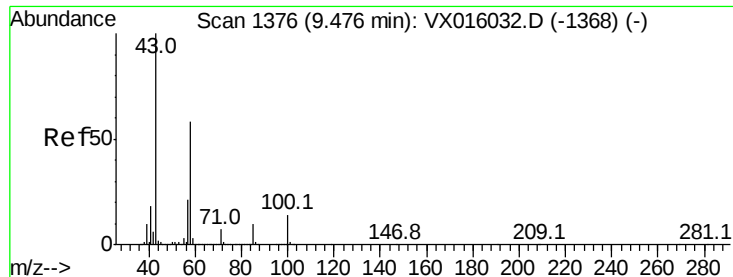
Tgt Ion: 63 Resp: 262458

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2

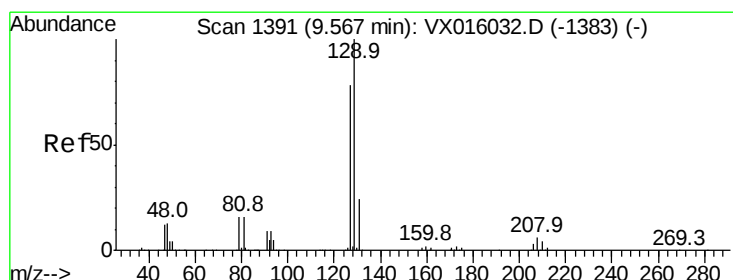
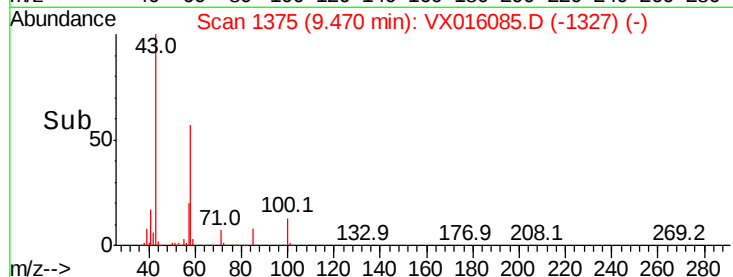
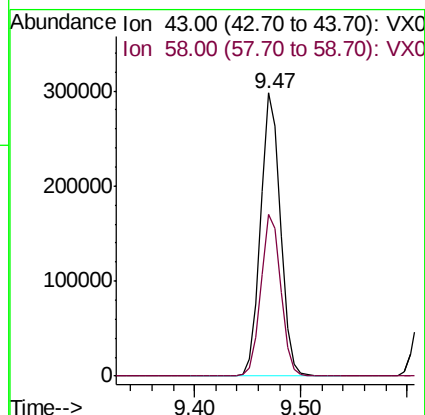
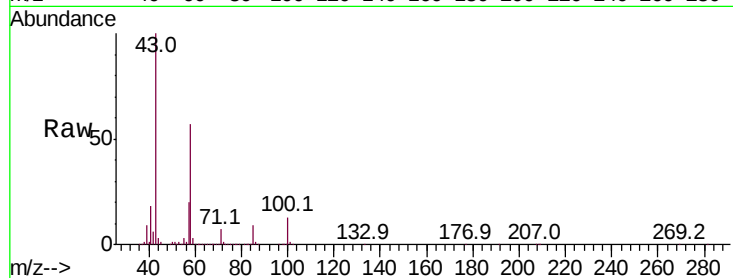




#59
2-Hexanone
Concen: 90.918 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

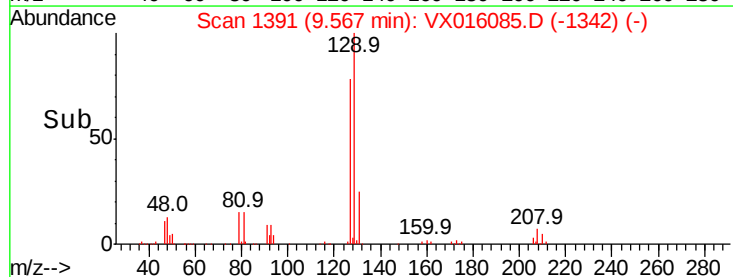
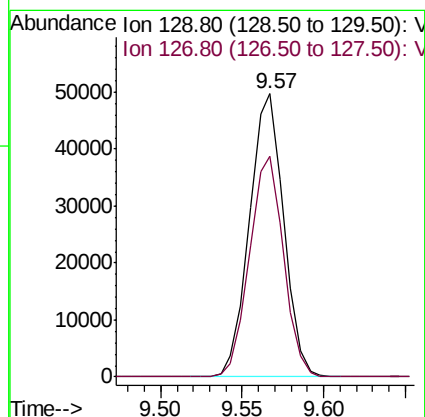
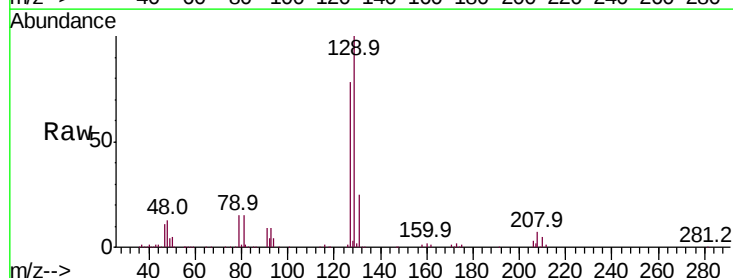
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

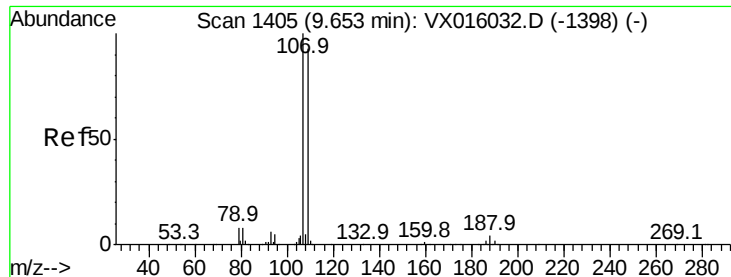
Tot Ion: 43 Resp: 391582
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.9



#60
Dibromochloromethane
Concen: 18.974 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 129 Resp: 72668
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.790 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

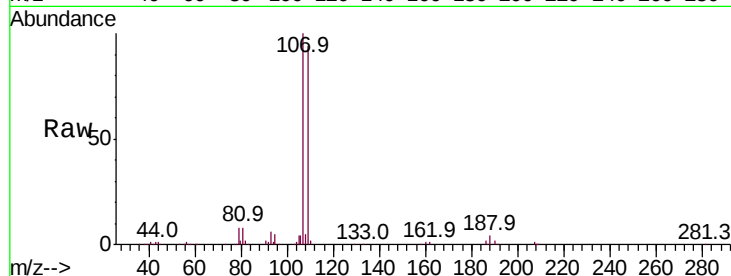
VX0507WBS01

Tot Ion:107 Resp: 70775

Ion Ratio Lower Upper

107 100

109 95.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

30000

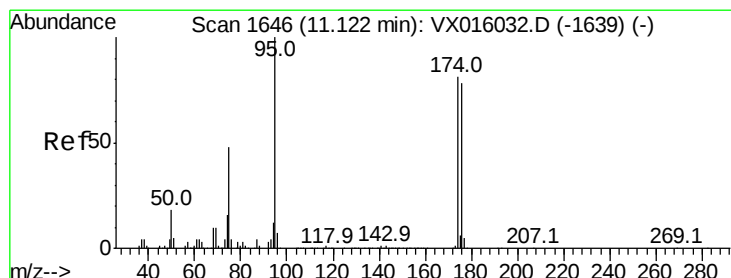
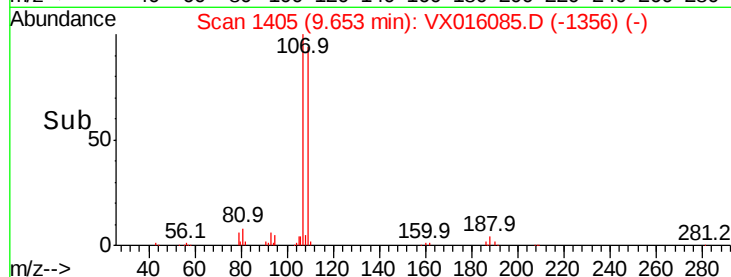
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.864 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

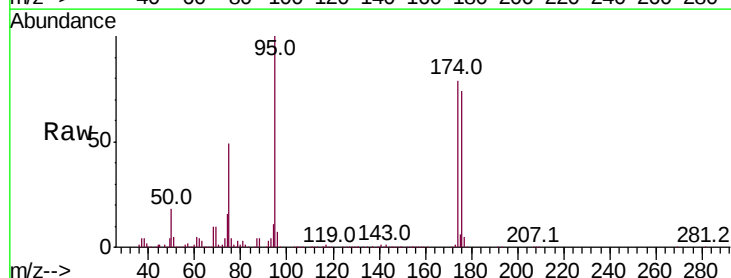
Tgt Ion: 95 Resp: 223365

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

176 77.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

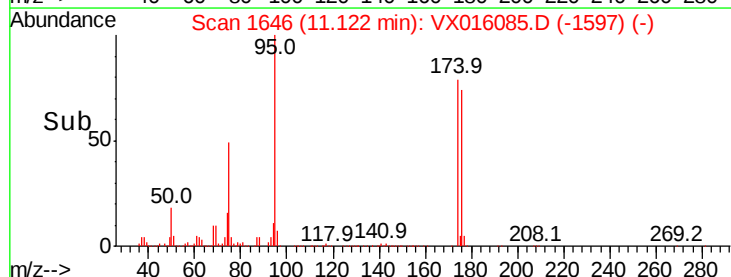
100000

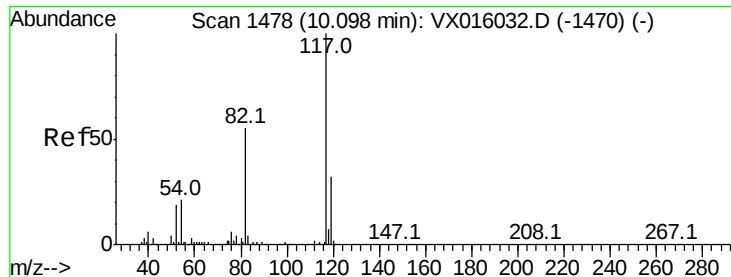
50000

0

Time-->

11.10 11.12 11.20

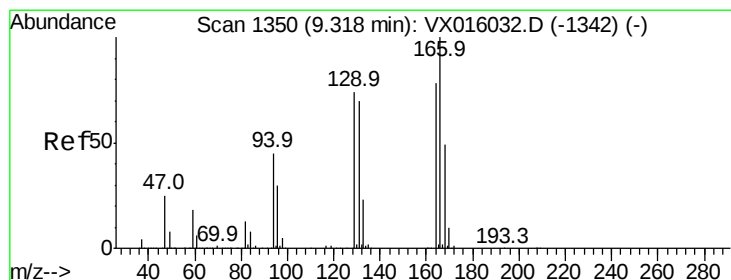
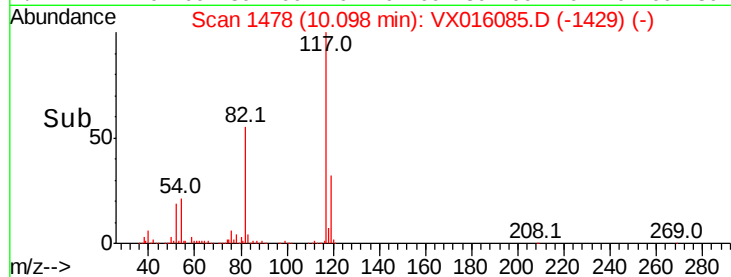
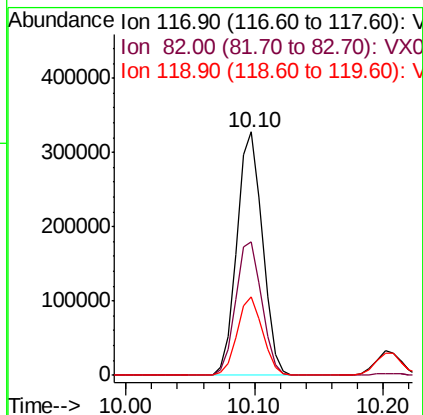
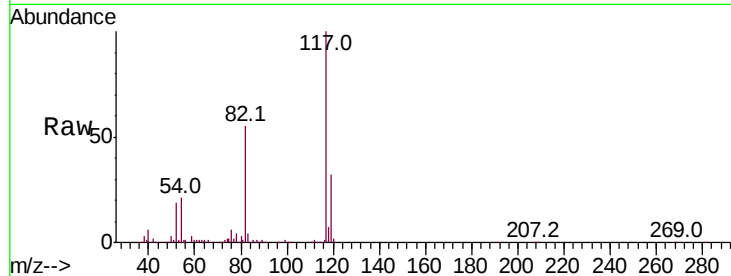




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

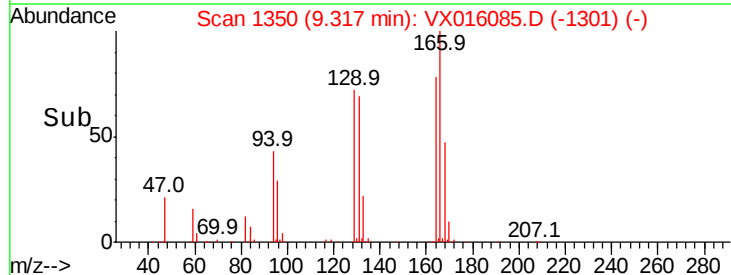
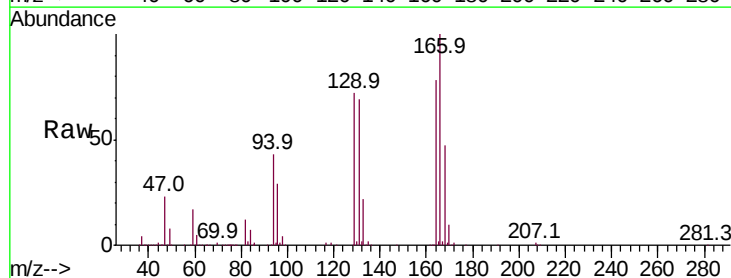
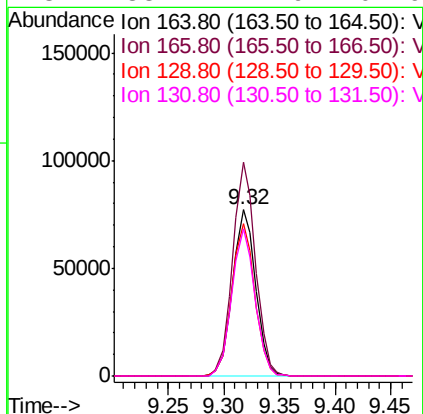
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

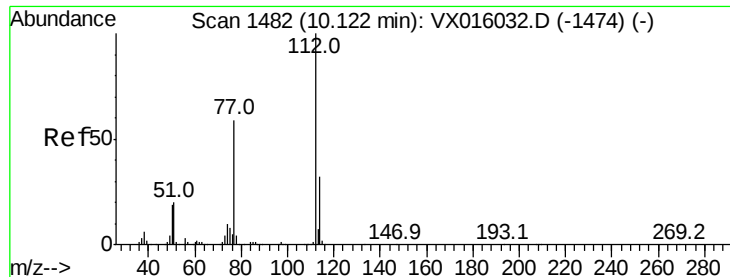
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.4	66.6
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 19.977 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.9	154.3
129	92.0	76.1	114.1
131	88.4	71.9	107.9





#65

Chlorobenzene

Concen: 18.928 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

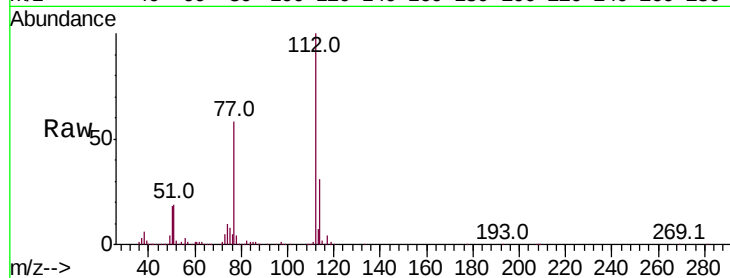
VX0507WBS01

Tot Ion:112 Resp: 179294

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

150000

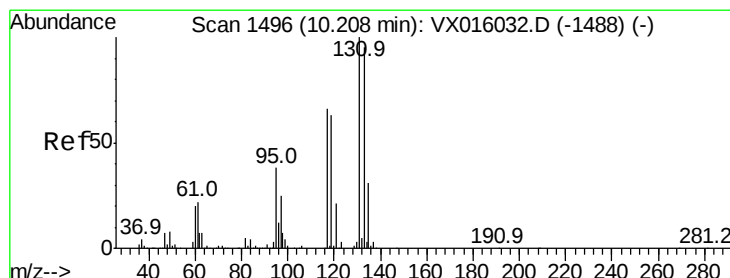
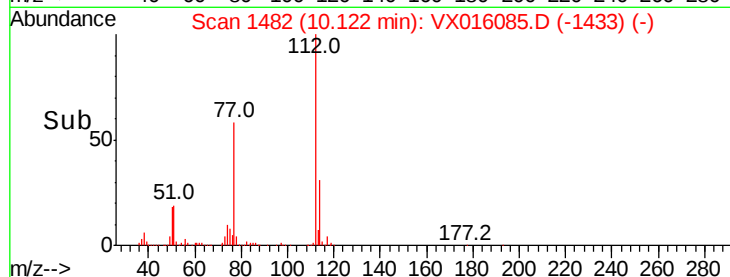
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.186 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

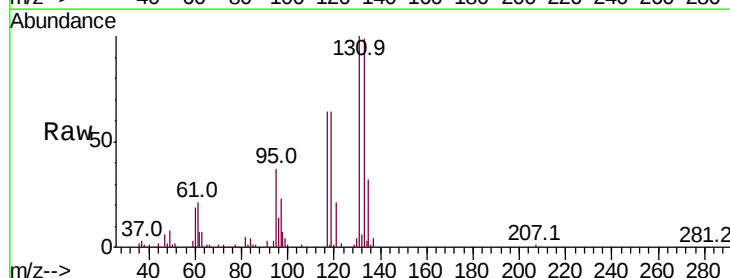
Tgt Ion:131 Resp: 67172

Ion Ratio Lower Upper

131 100

133 96.6 48.3 144.8

119 64.8 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

60000

50000

40000

30000

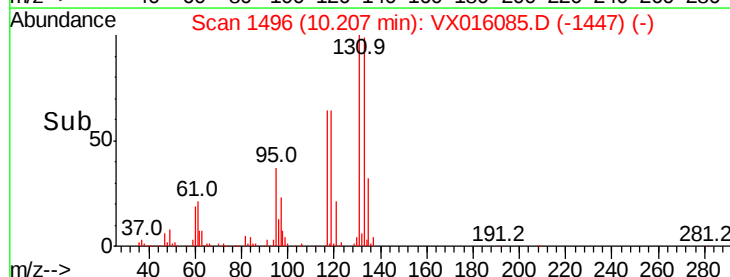
20000

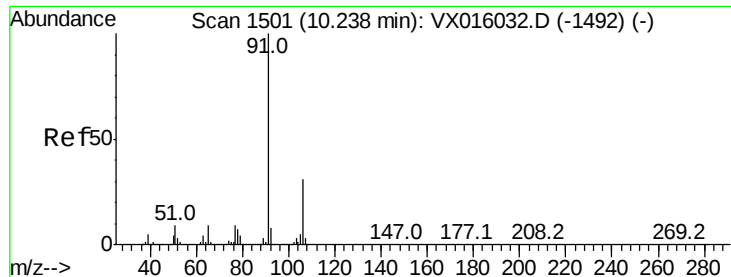
10000

0

10.15 10.25

Time-->





#67

Ethyl Benzene

Concen: 19.118 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

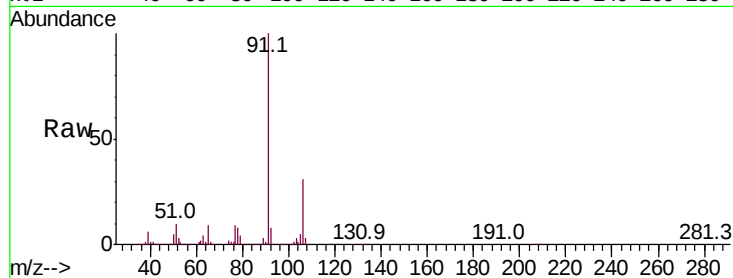
VX0507WBS01

Tot Ion: 91 Resp: 323119

Ion Ratio Lower Upper

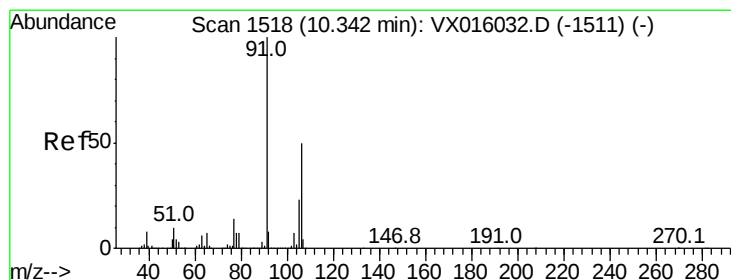
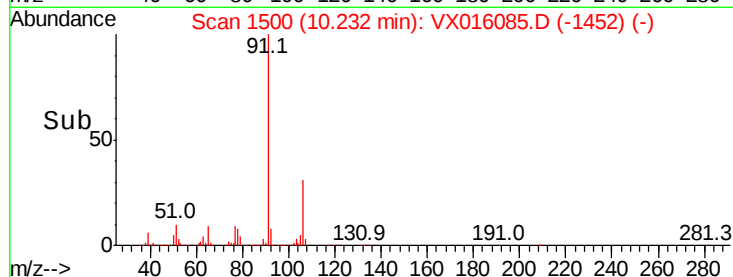
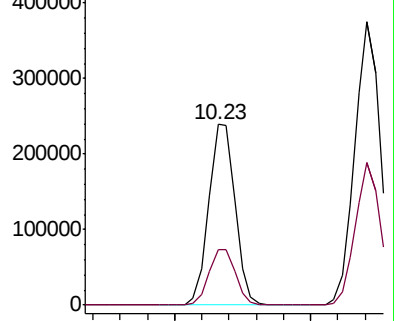
91 100

106 30.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.668 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016085.D

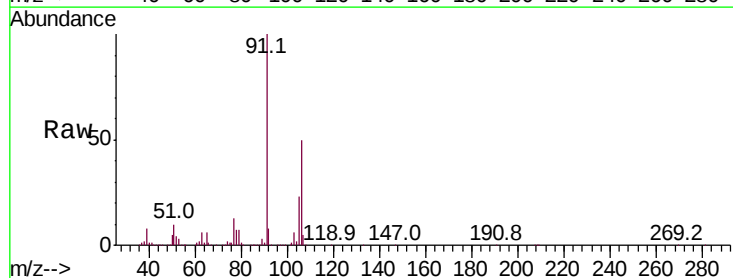
Acq: 07 May 2020 11:01

Tgt Ion: 106 Resp: 244854

Ion Ratio Lower Upper

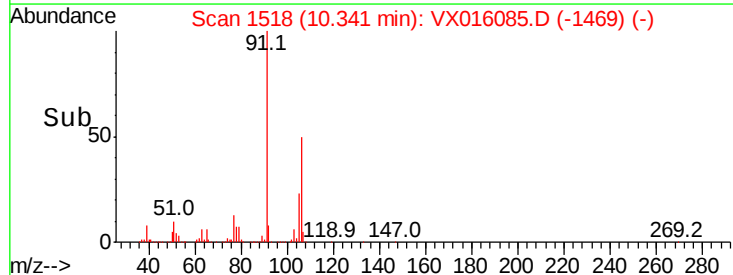
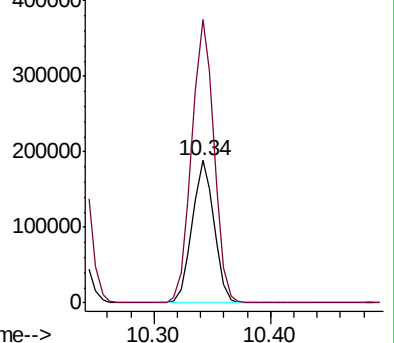
106 100

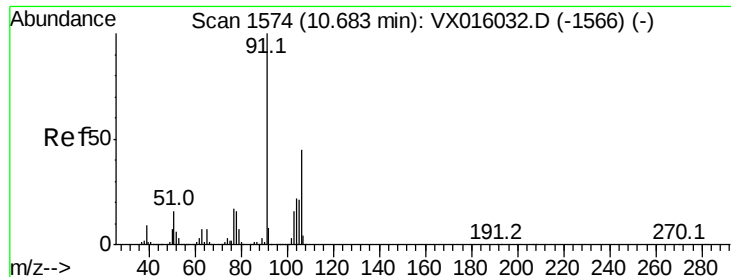
91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

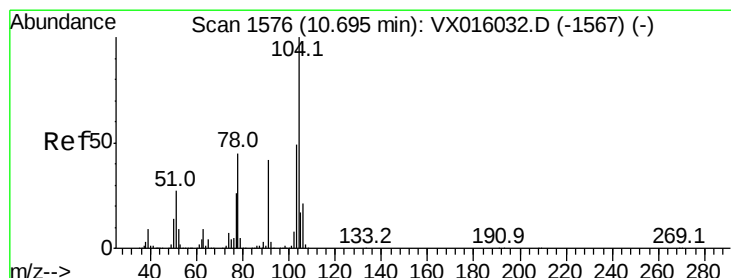
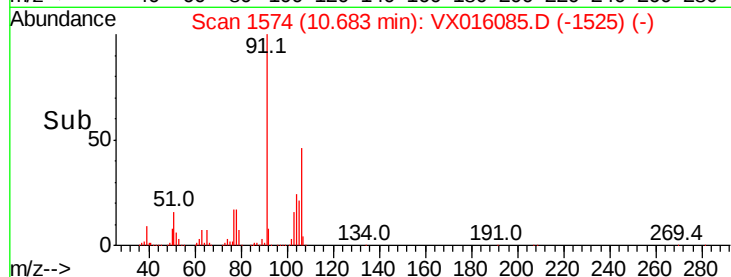
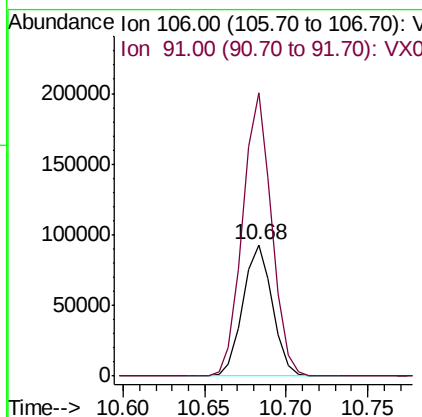
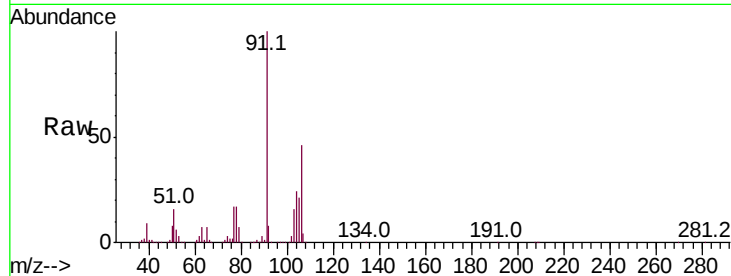




#69
o-Xylene
Concen: 19.263 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

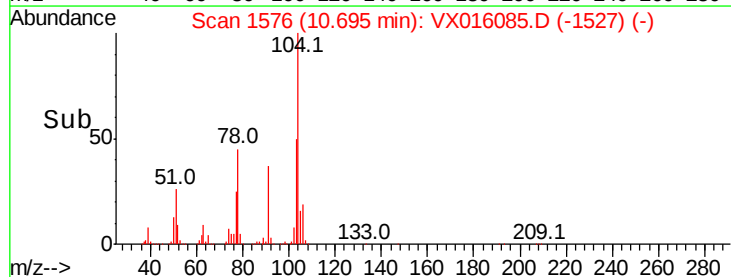
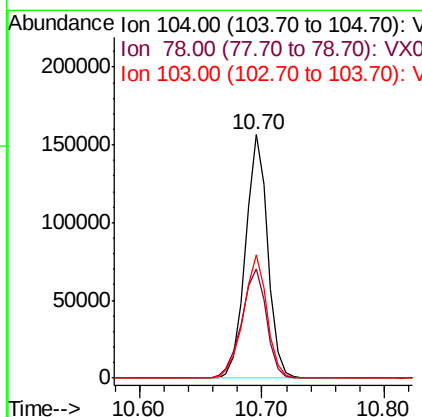
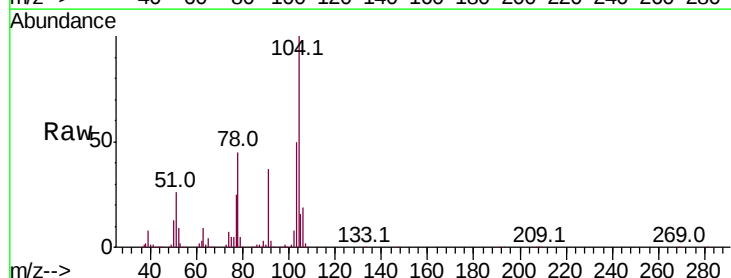
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

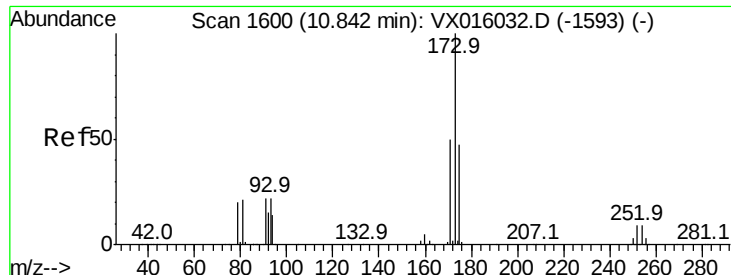
Tot Ion:106 Resp: 117252
Ion Ratio Lower Upper
106 100
91 212.7 107.5 322.6



#70
Styrene
Concen: 19.007 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion:104 Resp: 196271
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 54.0 43.0 64.6





#71

Bromoform

Concen: 18.410 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

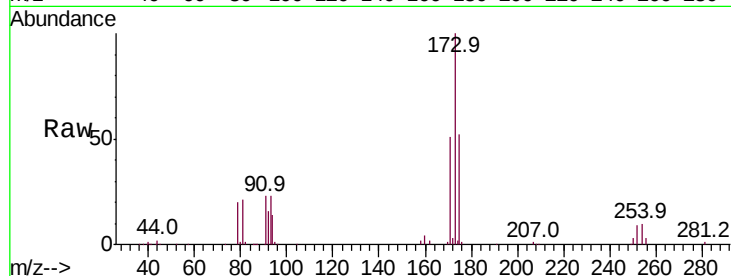
Tot Ion:173 Resp: 52513

Ion Ratio Lower Upper

173 100

175 50.4 24.0 72.0

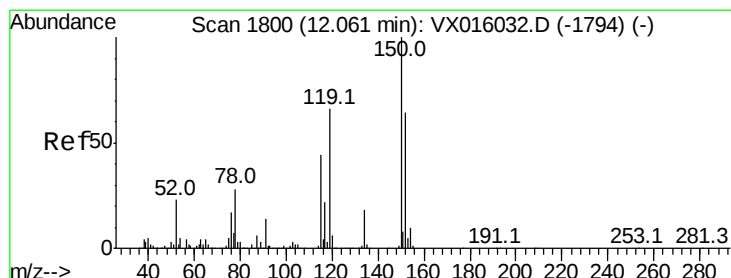
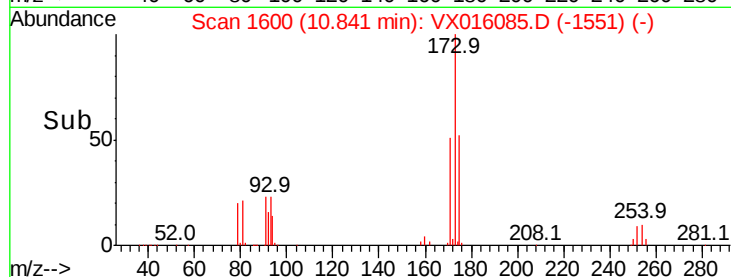
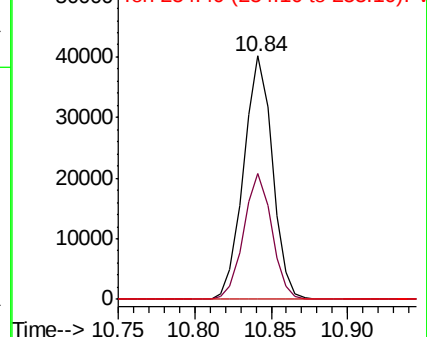
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

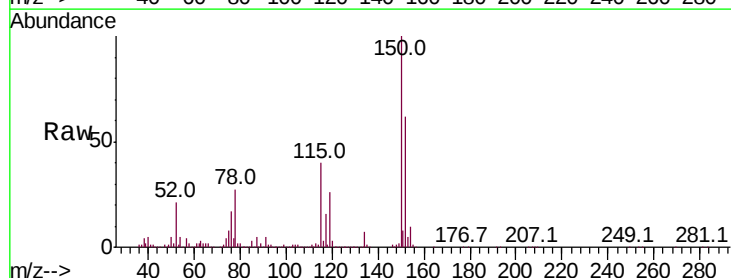
Tgt Ion:152 Resp: 225714

Ion Ratio Lower Upper

152 100

115 67.3 41.3 124.1

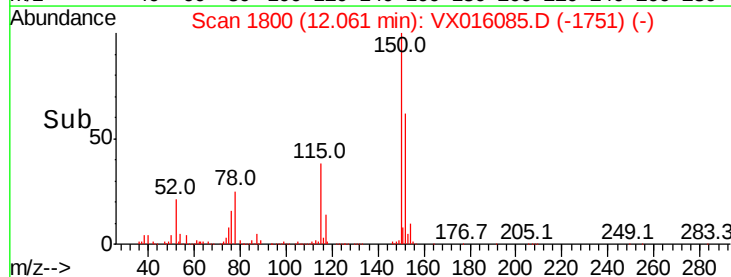
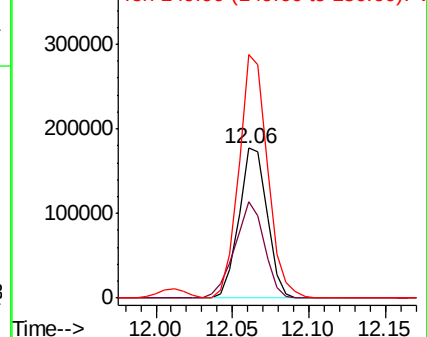
150 165.1 0.0 352.2

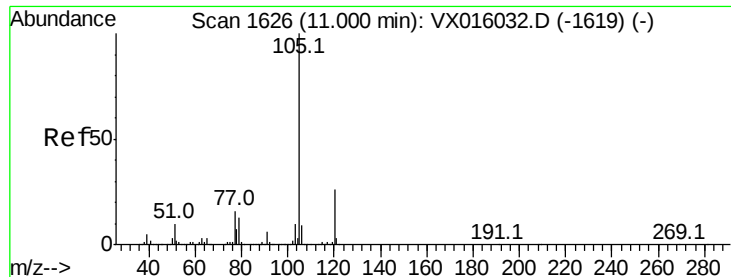


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.040 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

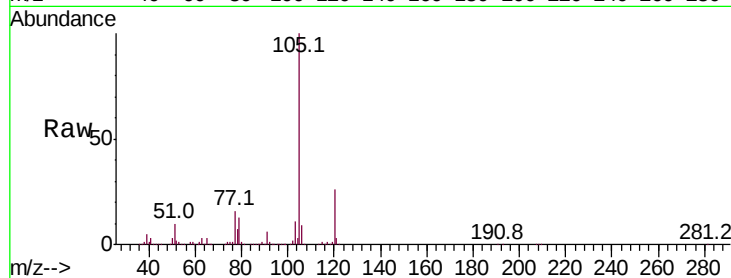
VX0507WBS01

Tot Ion:105 Resp: 312578

Ion Ratio Lower Upper

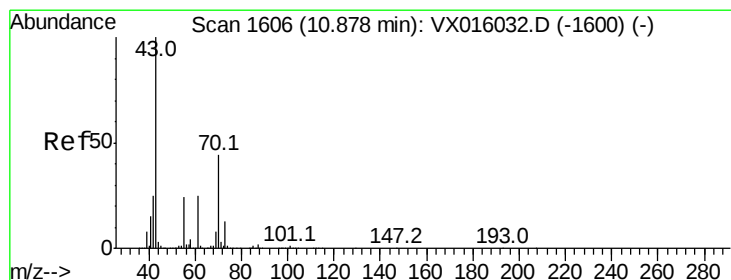
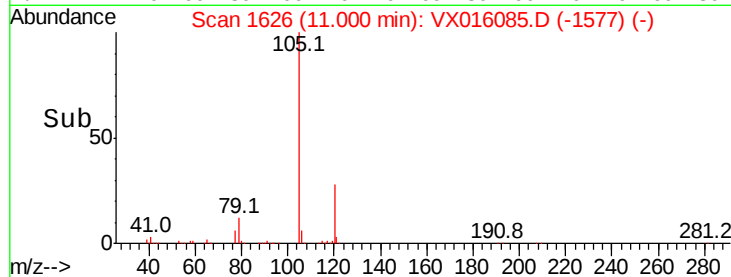
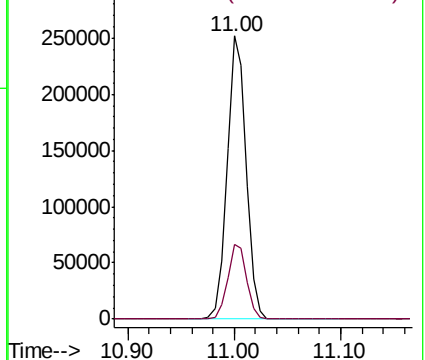
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.022 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion: 43 Resp: 138005

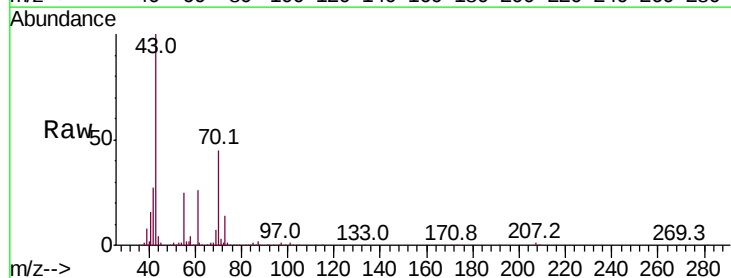
Ion Ratio Lower Upper

43 100

70 45.9 36.5 54.7

55 25.5 19.7 29.5

61 26.2 20.9 31.3

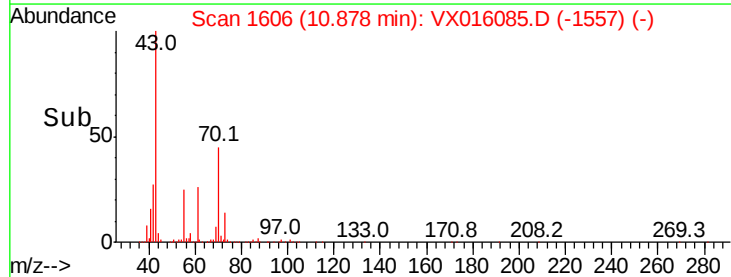
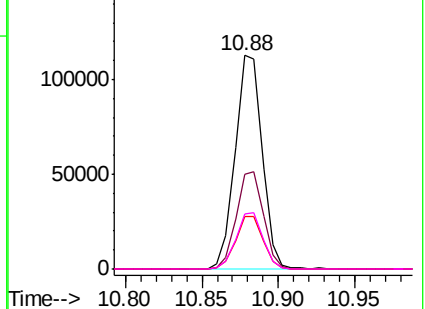


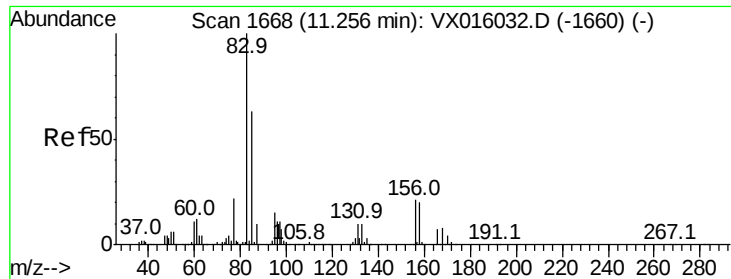
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.562 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

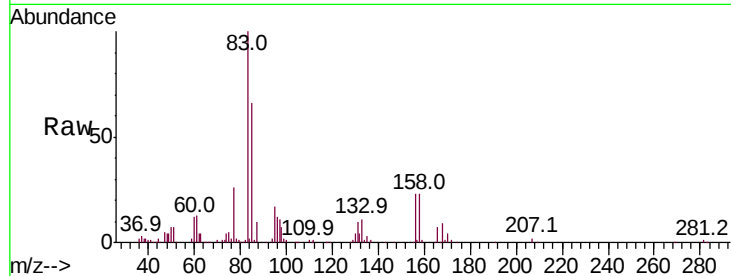
Tot Ion: 83 Resp: 48943

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

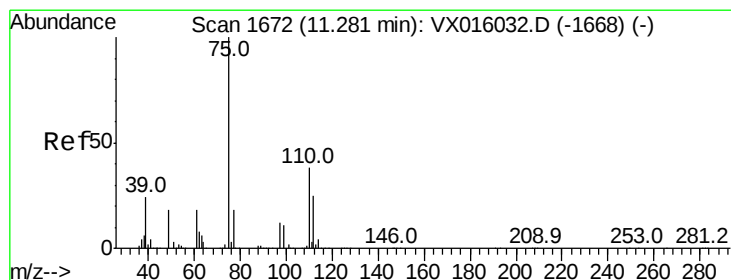
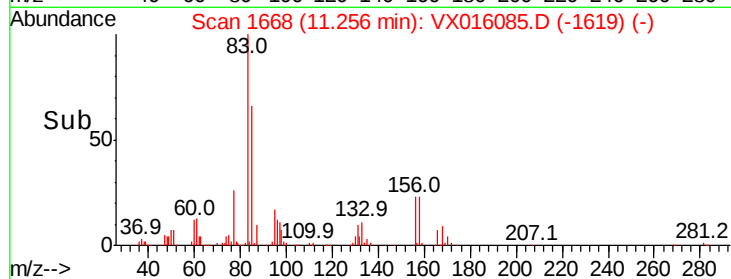
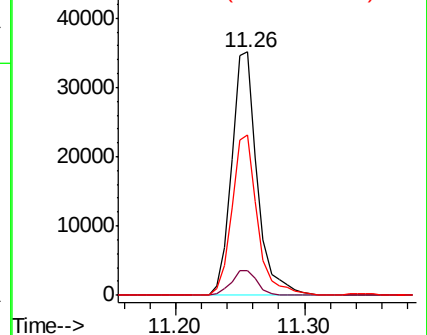
85 66.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.397 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016085.D

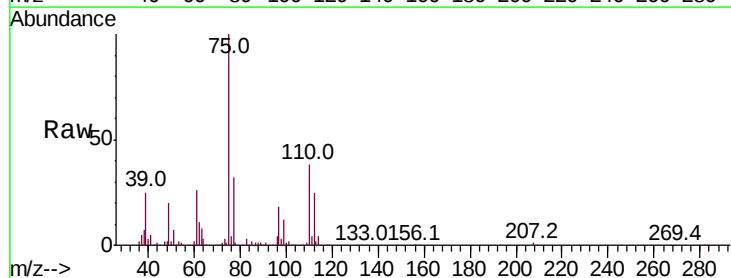
Acq: 07 May 2020 11:01

Tgt Ion: 75 Resp: 124960

Ion Ratio Lower Upper

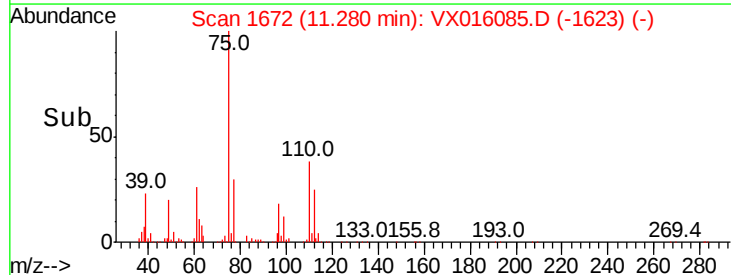
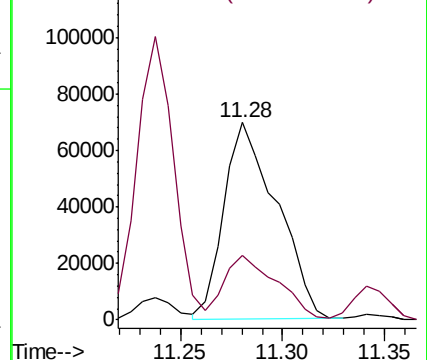
75 100

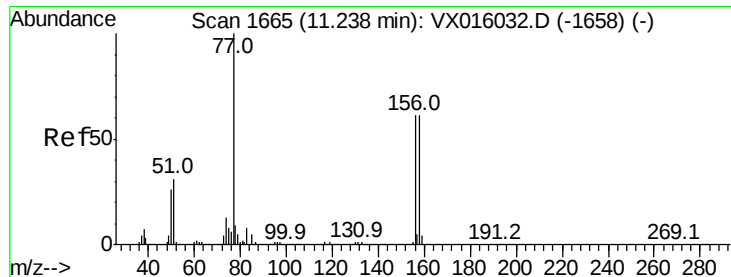
77 32.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.421 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

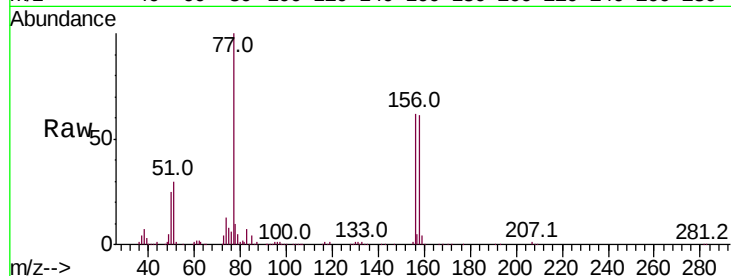
Tot Ion:156 Resp: 78058

Ion Ratio Lower Upper

156 100

77 162.1 80.1 240.3

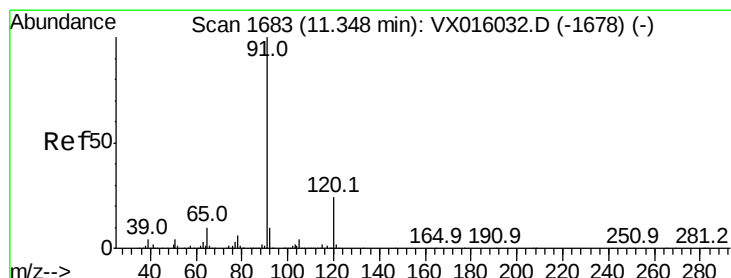
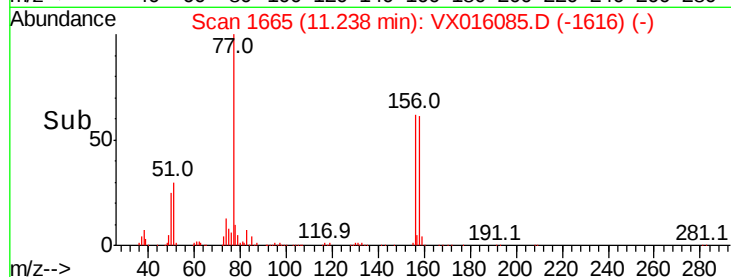
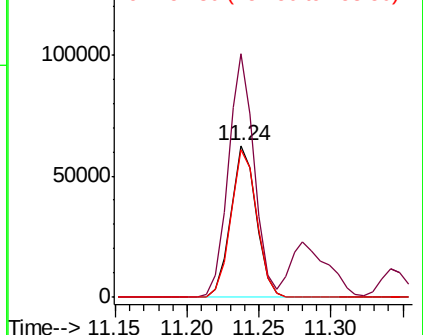
158 98.7 49.4 148.2



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: 19.011 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016085.D

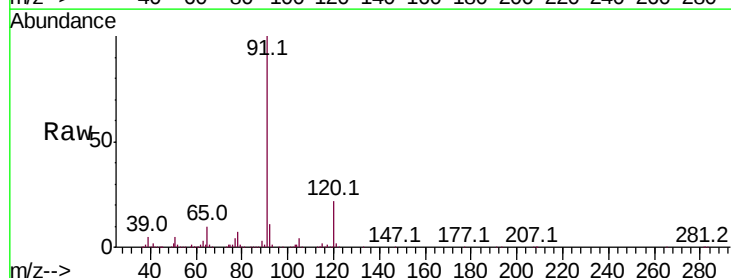
Acq: 07 May 2020 11:01

Tgt Ion: 91 Resp: 363097

Ion Ratio Lower Upper

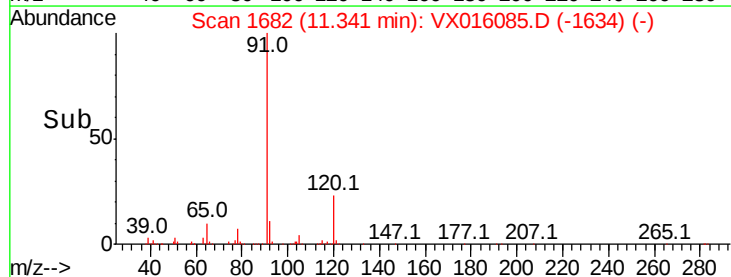
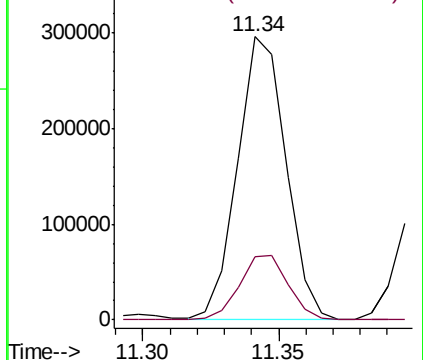
91 100

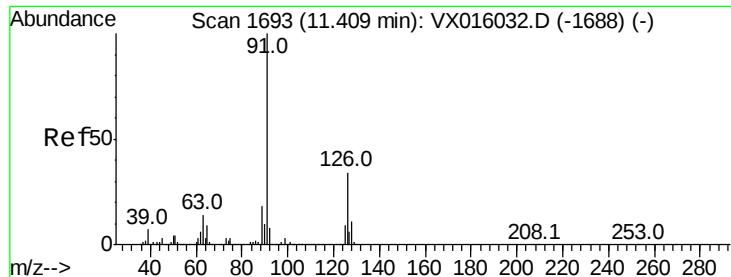
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.802 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

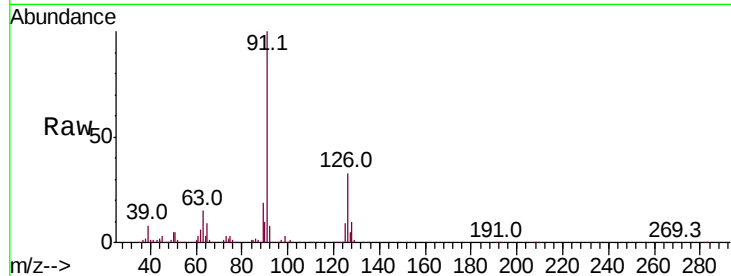
VX0507WBS01

Tot Ion: 91 Resp: 211966

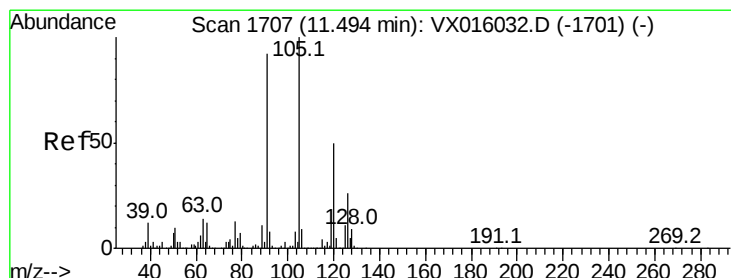
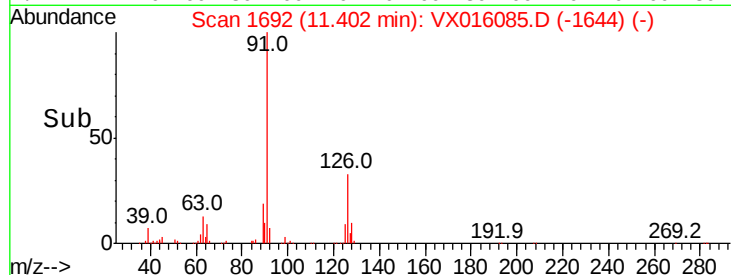
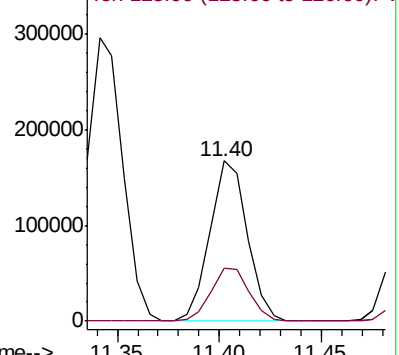
Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016085.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.281 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016085.D

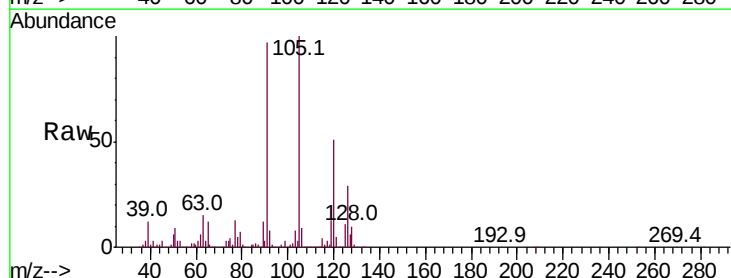
Acq: 07 May 2020 11:01

Tgt Ion: 105 Resp: 267262

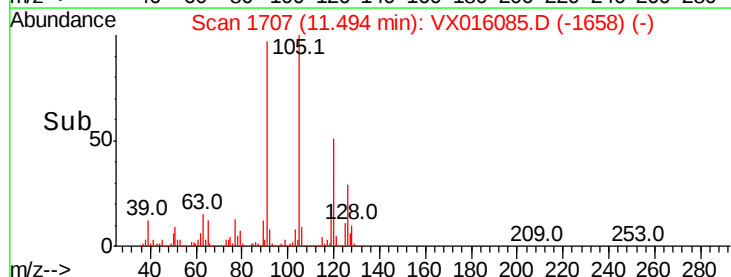
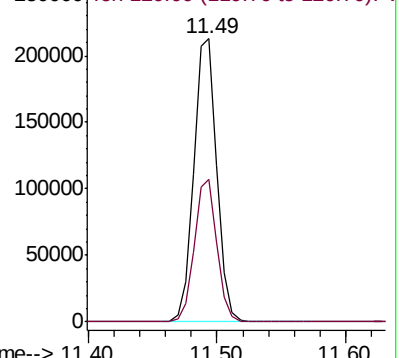
Ion Ratio Lower Upper

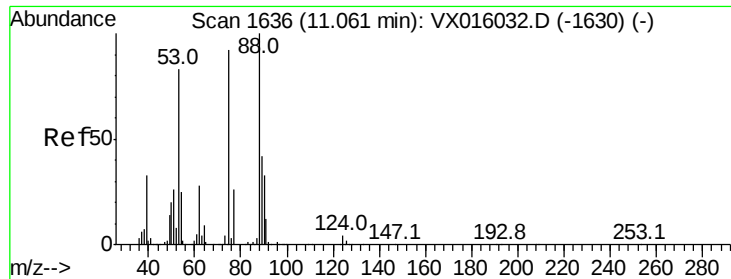
105 100

120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016085.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.202 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

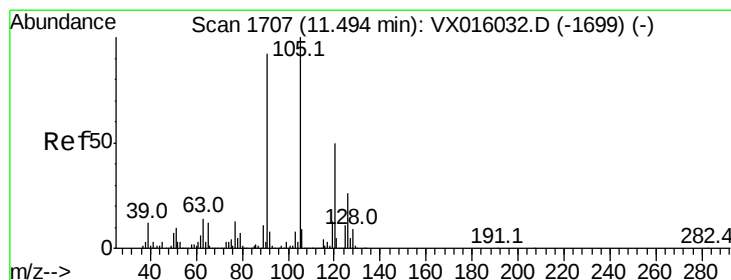
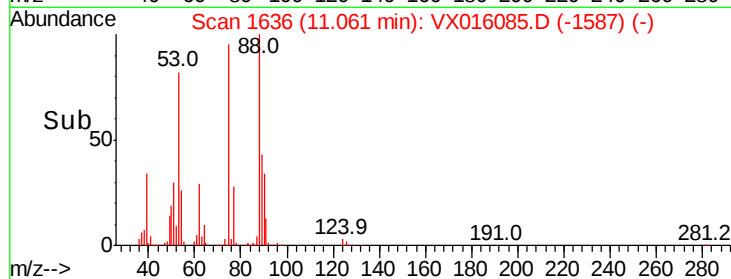
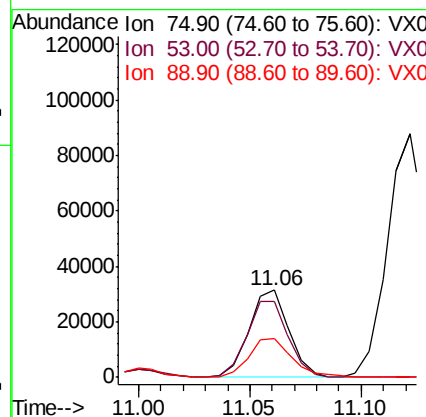
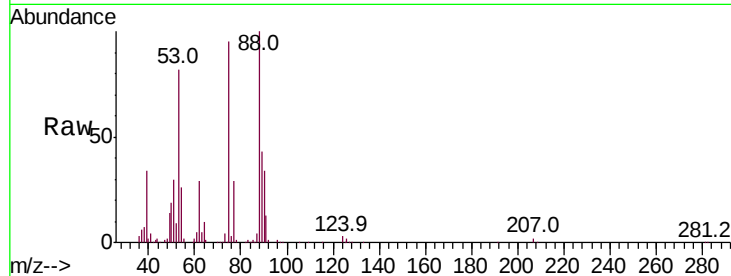
Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion: 75 Resp: 39121

Ion	Ratio	Lower	Upper
75	100		
53	91.7	73.1	109.7
89	49.2	36.7	55.1



#82

4-Chlorotoluene

Concen: 19.018 ug/l

RT: 11.49 min Scan# 1707

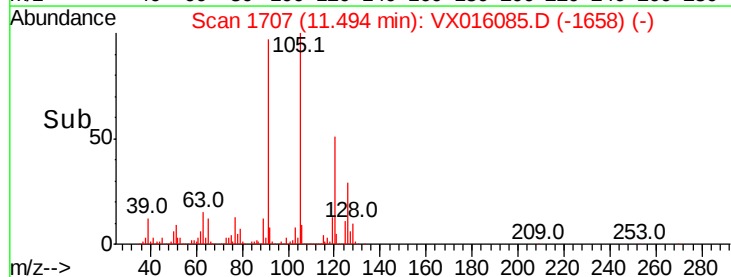
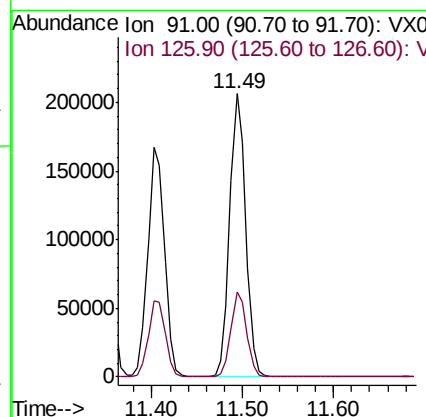
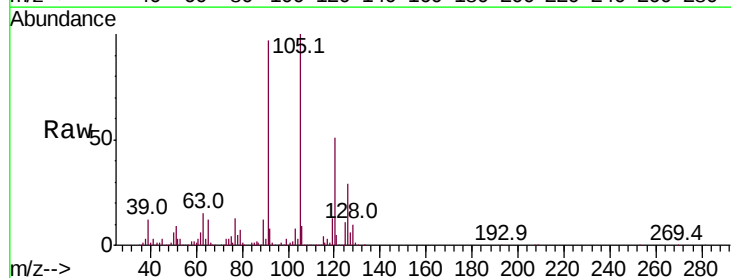
Delta R.T. -0.00 min

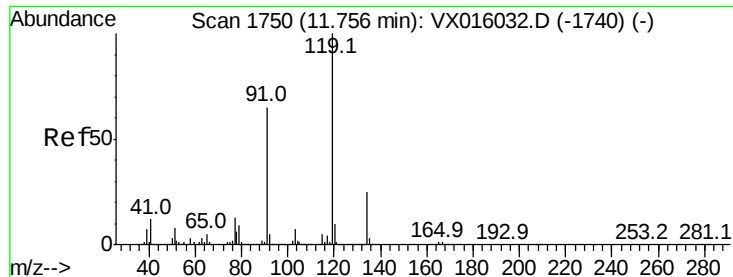
Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion: 91 Resp: 253182

Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.8	44.3

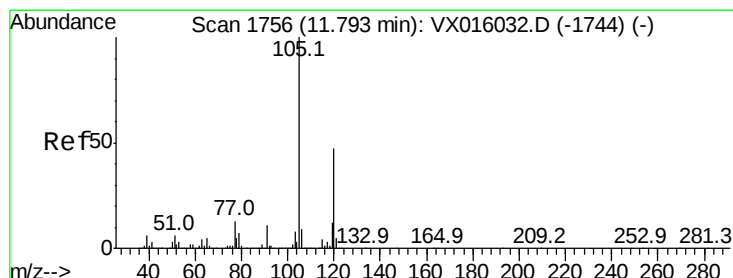
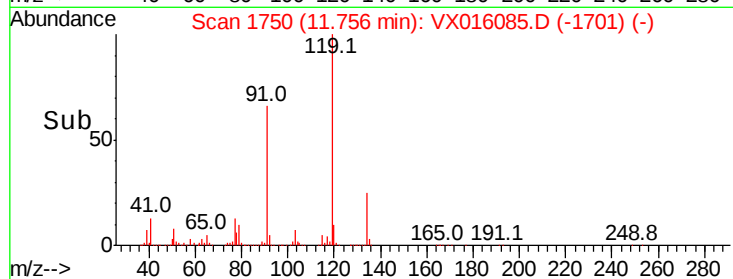
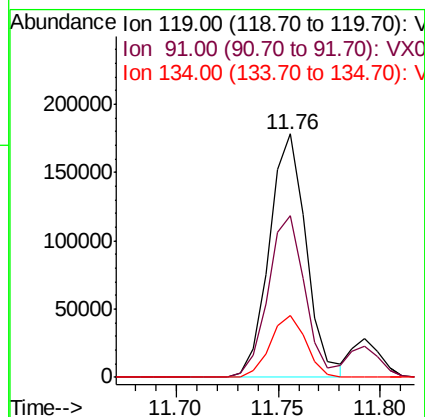
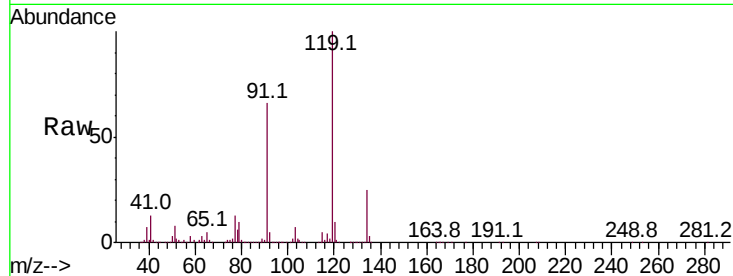




#83
 tert-Butylbenzene
 Concen: 18.777 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

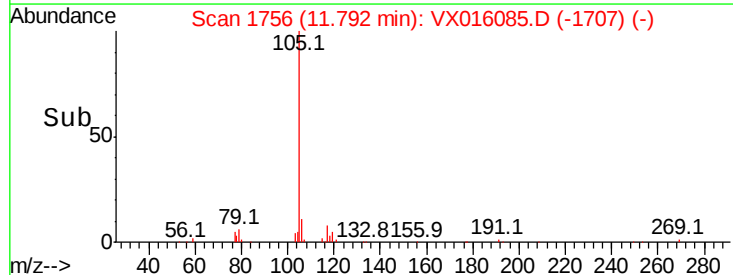
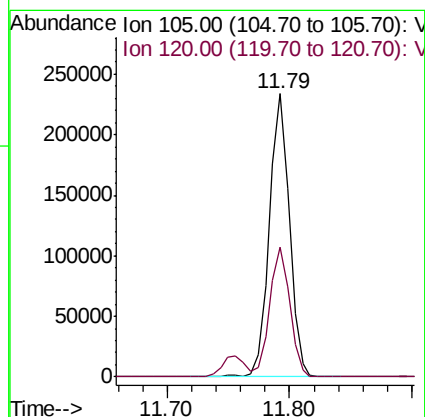
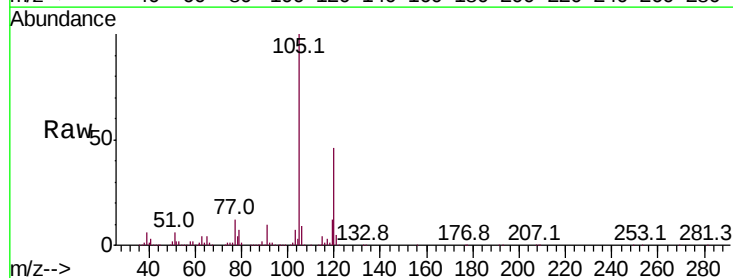
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

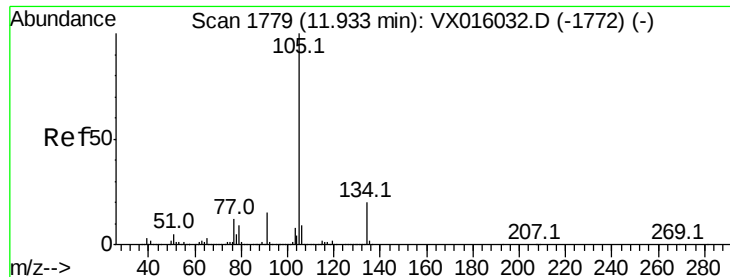
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.8	98.4
134	24.7	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.091 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.102 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

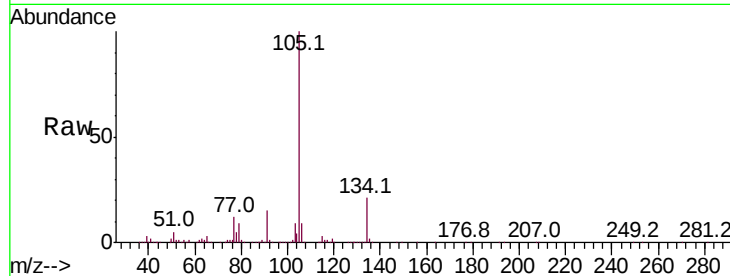
VX0507WBS01

Tot Ion:105 Resp: 308092

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

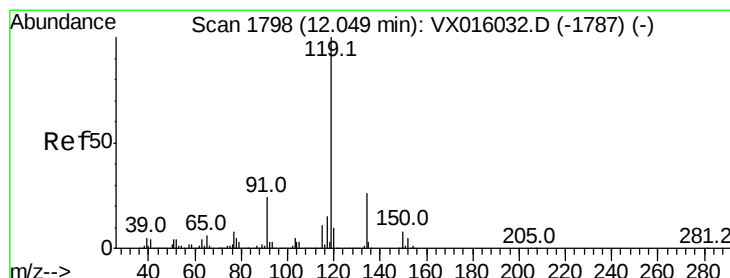
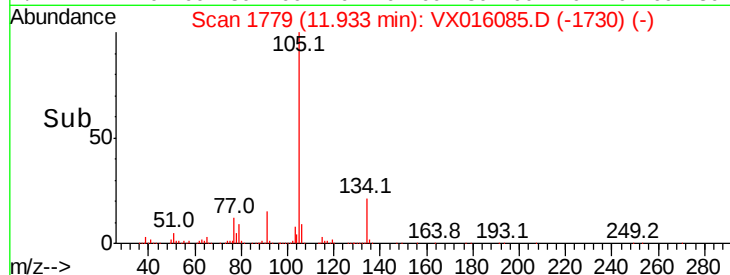
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.061 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

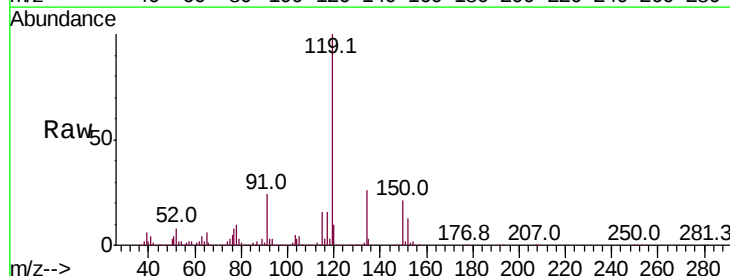
Tgt Ion:119 Resp: 285438

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.9 11.8 35.4



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

12.05

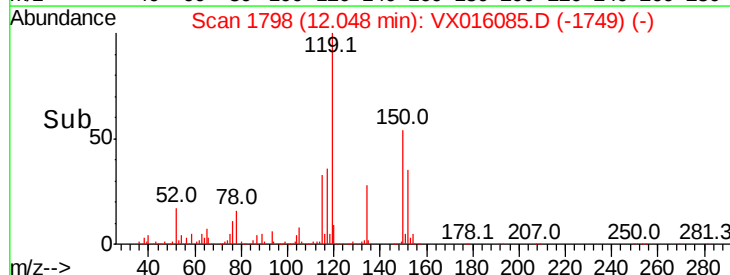
300000

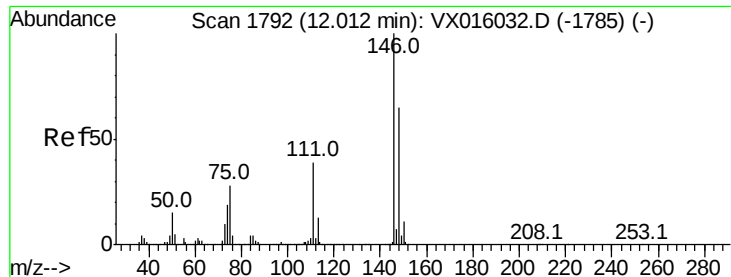
200000

100000

0

Time--> 11.90 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 18.595 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

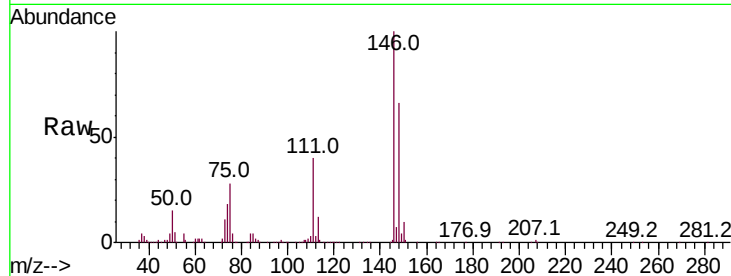
Tot Ion:146 Resp: 141480

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

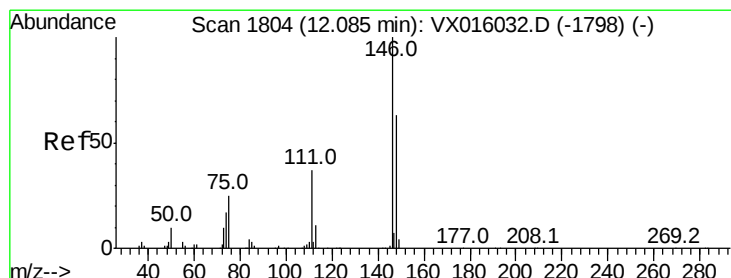
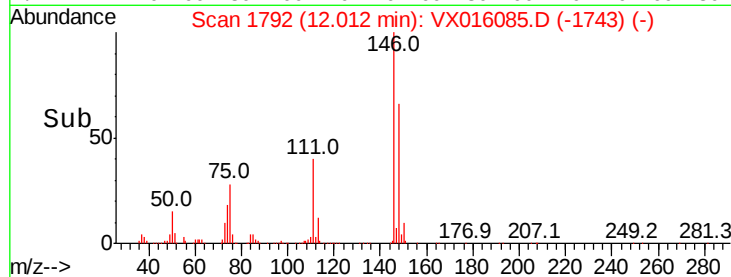
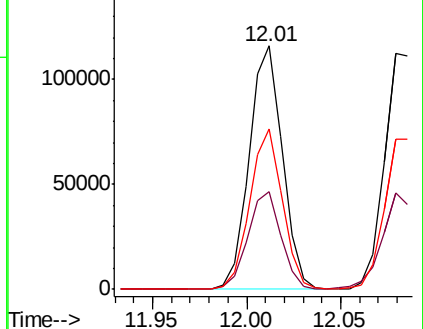
148 64.6 32.1 96.3



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: 18.386 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

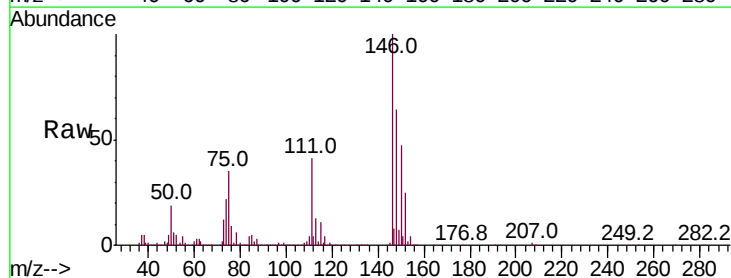
Tgt Ion:146 Resp: 141990

Ion Ratio Lower Upper

146 100

111 41.1 19.6 58.7

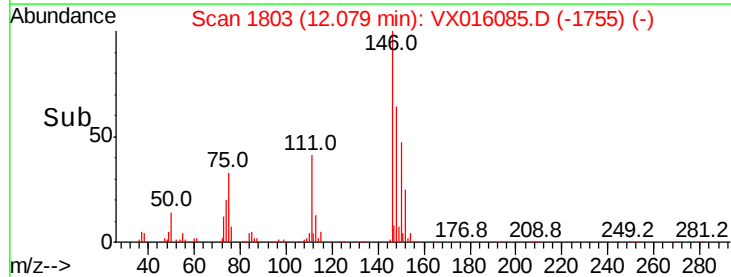
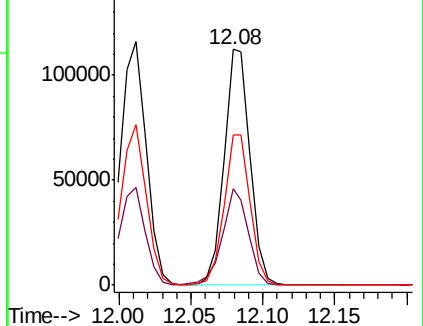
148 64.4 31.8 95.3

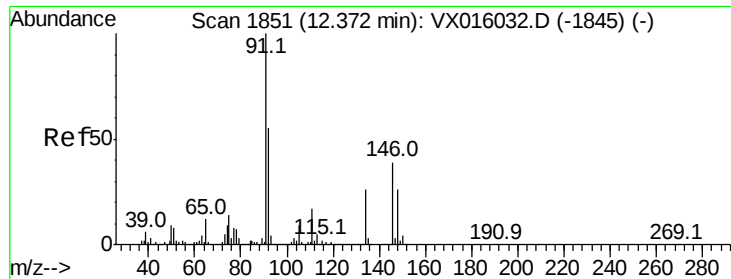


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.469 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

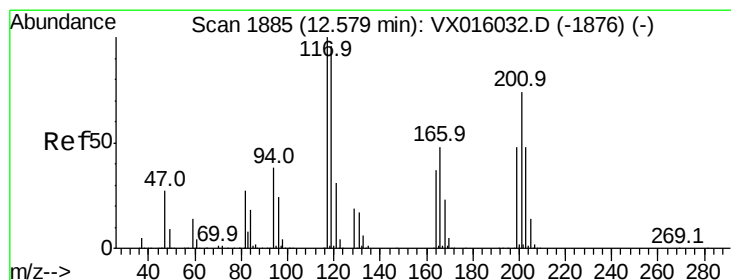
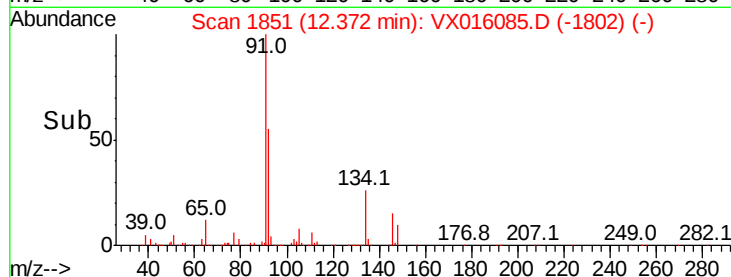
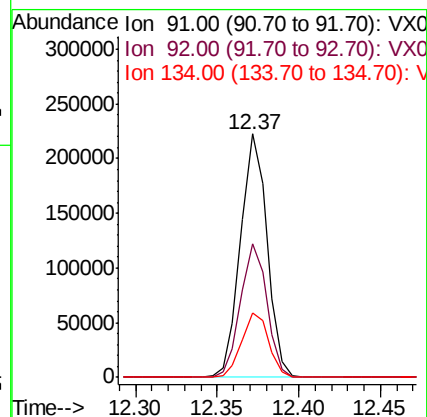
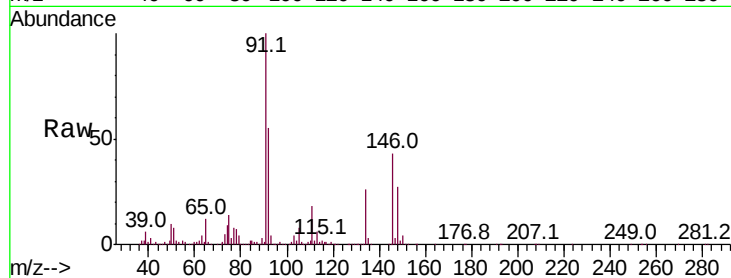
Tot Ion: 91 Resp: 252667

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.7

134 26.8 13.4 40.1



#90

Hexachloroethane

Concen: 18.879 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016085.D

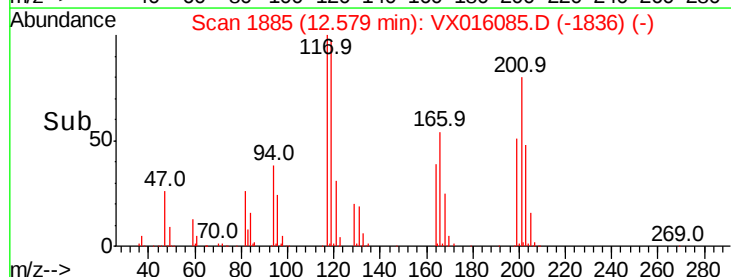
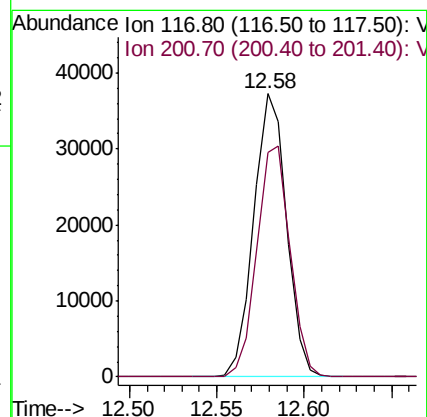
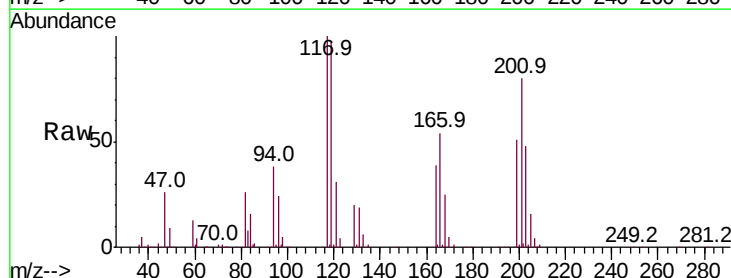
Acq: 07 May 2020 11:01

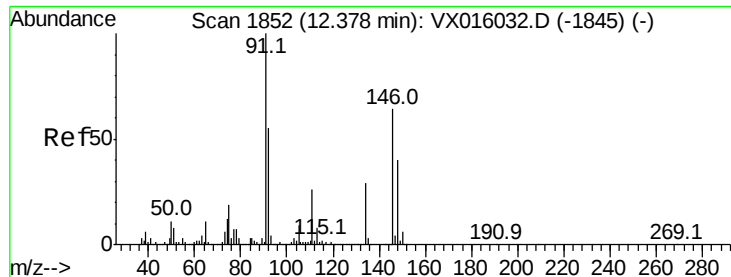
Tgt Ion: 117 Resp: 48554

Ion Ratio Lower Upper

117 100

201 82.6 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 18.778 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

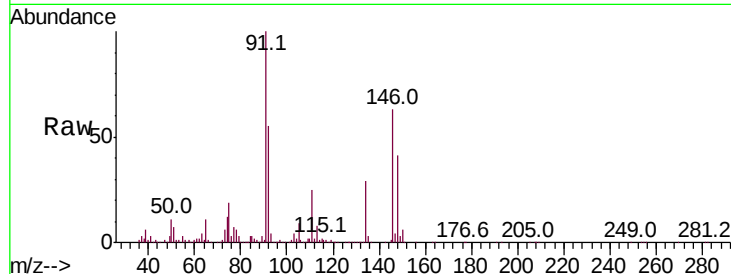
Tot Ion:146 Resp: 137575

Ion Ratio Lower Upper

146 100

111 41.6 21.1 63.1

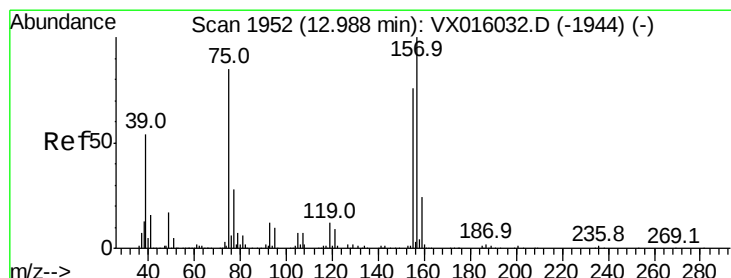
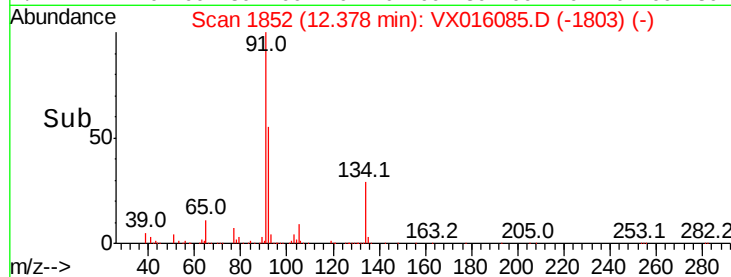
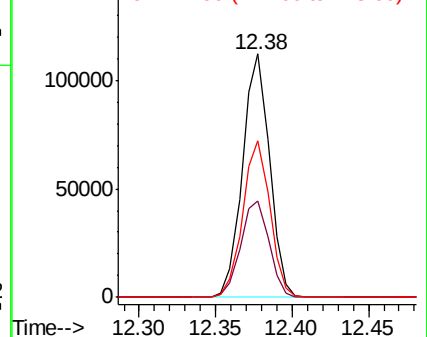
148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.550 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

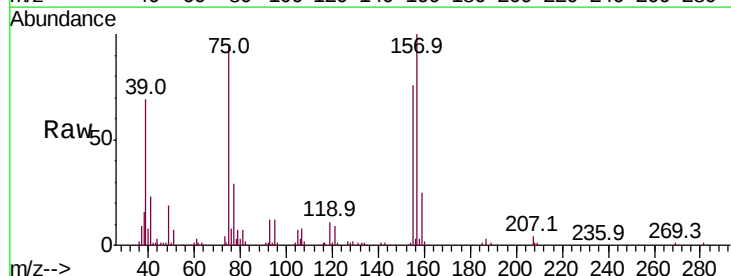
Tgt Ion: 75 Resp: 22341

Ion Ratio Lower Upper

75 100

155 87.8 42.5 127.5

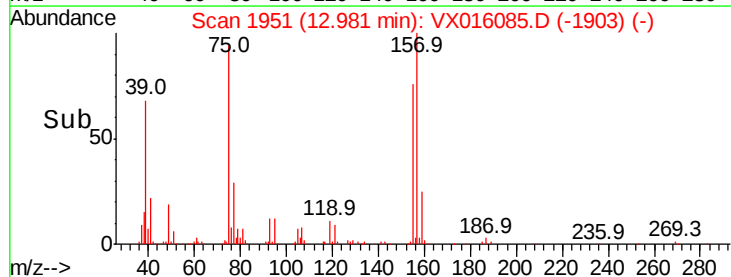
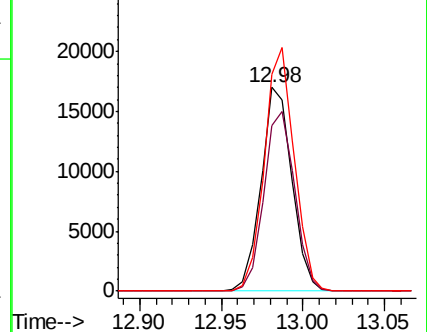
157 115.1 55.3 165.8

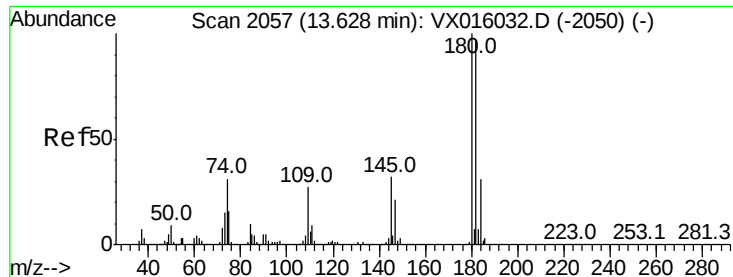


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

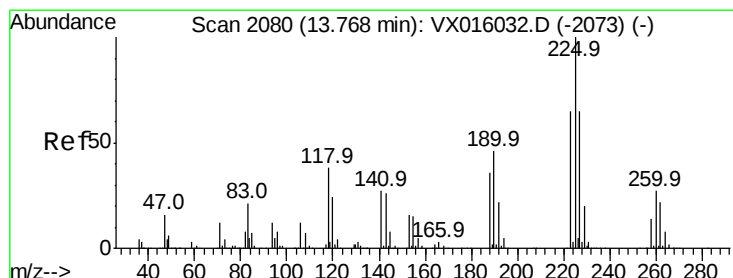
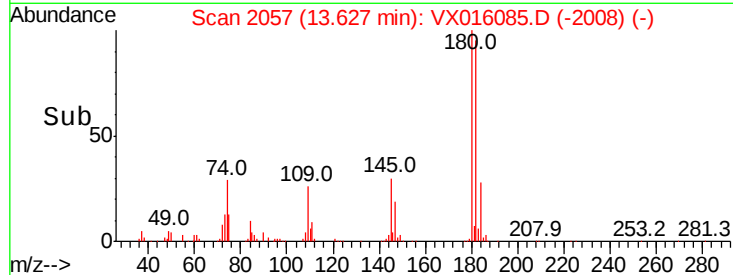
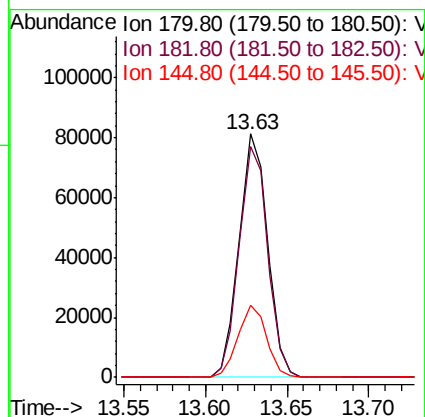
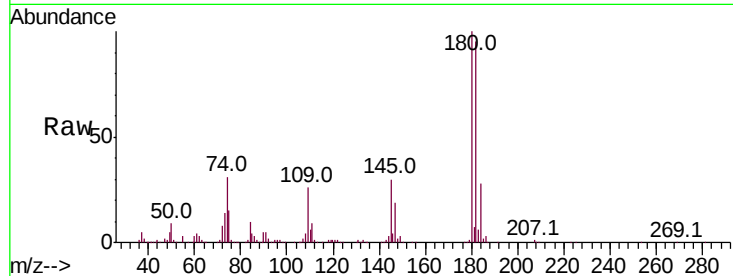




#93
 1,2,4-Trichlorobenzene
 Concen: 18.311 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

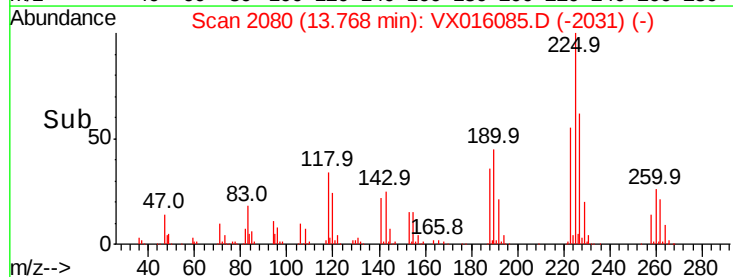
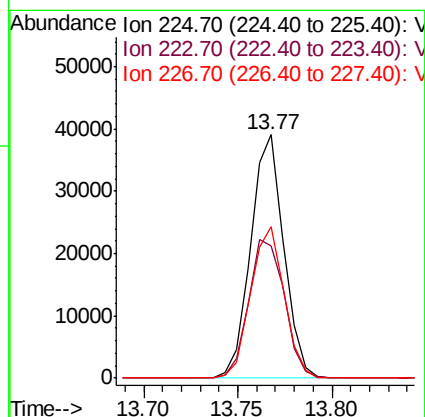
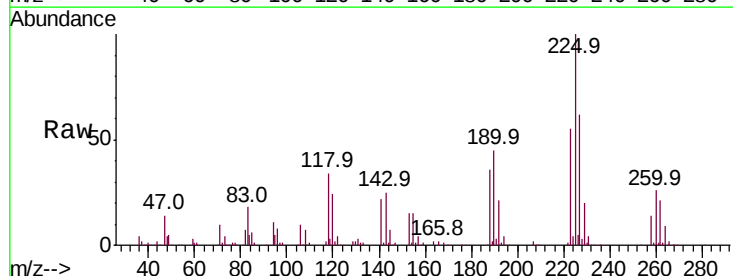
Instrument :
 MSVOA_X
 ClientSampled :
 VX0507WBS01

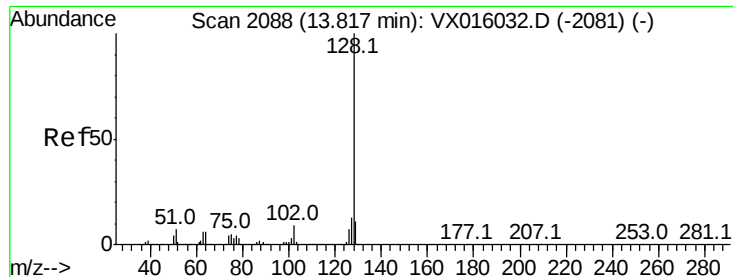
Tot Ion:180 Resp: 99322
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.7 146.1
 145 29.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 20.623 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion:225 Resp: 47441
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.3 96.9
 227 63.1 31.8 95.4

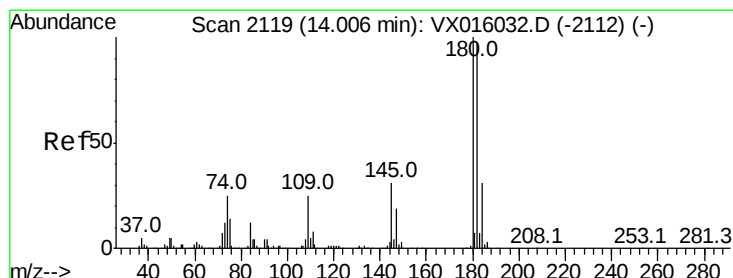
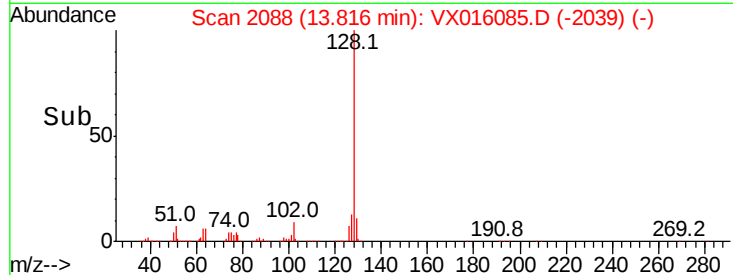
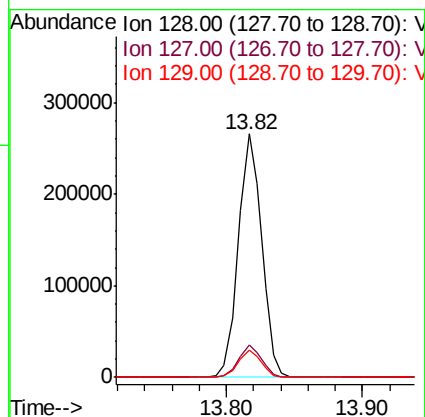
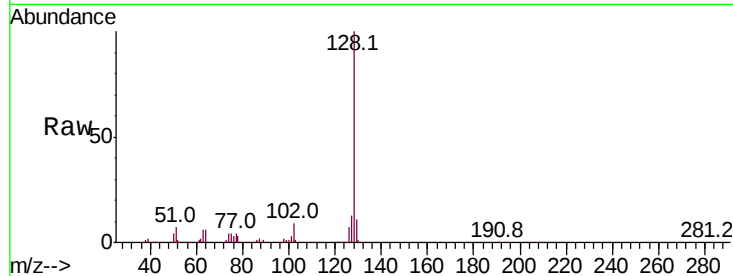




#95
Naphthalene
Concen: 18.073 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion:128 Resp: 317431
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.689 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion:180 Resp: 99072
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 32.2 16.4 49.1

