

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016324.D
 Acq On : 19 May 2020 11:06
 Operator : JC/SP
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Quant Time: May 20 03:43:53 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	253697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142033	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
35) Dibromofluoromethane	5.46	113	116598	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.70	98	462144	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.12	95	174947	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50759	18.902	ug/l	99
3) Chloromethane	1.31	50	54099	17.347	ug/l	99
4) Vinyl Chloride	1.39	62	60538	18.195	ug/l	100
5) Bromomethane	1.63	94	32812	19.561	ug/l	99
6) Chloroethane	1.71	64	35563	17.567	ug/l	97
7) Trichlorofluoromethane	1.92	101	79509	18.202	ug/l	98
8) Diethyl Ether	2.17	74	33302	18.094	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47092	18.686	ug/l	99
10) Methyl Iodide	2.49	142	34163	10.092	ug/l	100
11) Tert butyl alcohol	3.01	59	69505	82.333	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46662	17.694	ug/l	96
13) Acrolein	2.27	56	60032	113.639	ug/l	99
14) Allyl chloride	2.70	41	81369	16.828	ug/l	94
15) Acrylonitrile	3.11	53	155808	88.968	ug/l	98
16) Acetone	2.42	43	121000	81.232	ug/l	94
17) Carbon Disulfide	2.55	76	128203	16.047	ug/l	98
18) Methyl Acetate	2.75	43	66893	18.264	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	172807	19.008	ug/l	99
20) Methylene Chloride	2.83	84	55157	17.962	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	51451	17.507	ug/l	98
22) Diisopropyl ether	3.82	45	166774	18.282	ug/l	89
23) Vinyl Acetate	3.78	43	711061	88.598	ug/l	99
24) 1,1-Dichloroethane	3.67	63	94551	18.528	ug/l	97
25) 2-Butanone	4.63	43	206932	86.211	ug/l	97
26) 2,2-Dichloropropane	4.55	77	87237	18.719	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61027	18.995	ug/l	98
28) Bromochloromethane	4.98	49	41897	18.005	ug/l	93
29) Tetrahydrofuran	5.09	42	135440	85.159	ug/l	96
30) Chloroform	5.17	83	97252	19.141	ug/l	99
31) Cyclohexane	5.55	56	80510	17.360	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87245	18.891	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72848	18.412	ug/l	99
37) Ethyl Acetate	4.79	43	80295	17.510	ug/l	97
38) Carbon Tetrachloride	5.75	117	76564	19.039	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74228	15.579	ug/l	99
40) Benzene	6.11	78	223591	19.314	ug/l	100
41) Methacrylonitrile	5.00	41	44352	17.909	ug/l	96
42) 1,2-Dichloroethane	6.16	62	76662	18.383	ug/l	98
43) Isopropyl Acetate	6.41	43	130054	17.775	ug/l	97
44) Trichloroethene	7.19	130	74294	18.065	ug/l	95
45) 1,2-Dichloropropane	7.49	63	57122	19.501	ug/l	100
46) Dibromomethane	7.63	93	38059	19.119	ug/l	99
47) Bromodichloromethane	7.87	83	79041	19.496	ug/l	98
48) Methyl methacrylate	7.74	41	59477	17.156	ug/l	92
49) 1,4-Dioxane	7.71	88	29168	350.795	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	404099	90.255	ug/l	97
52) Toluene	8.76	92	143665	19.910	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	89981	18.615	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	96758	19.164	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	57804	20.361	ug/l	98
56) Ethyl methacrylate	9.16	69	88080	19.007	ug/l	92
57) 1,3-Dichloropropane	9.35	76	96687	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	212072	85.962	ug/l	98
59) 2-Hexanone	9.47	43	307058	87.329	ug/l	95
60) Dibromochloromethane	9.57	129	61866	19.787	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59634	19.393	ug/l	100
64) Tetrachloroethene	9.32	164	84254	18.589	ug/l	98
65) Chlorobenzene	10.12	112	153070	19.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	57671	20.183	ug/l	98
67) Ethyl Benzene	10.23	91	268166	19.441	ug/l	98
68) m/p-Xylenes	10.34	106	202886	39.258	ug/l	100
69) o-Xylene	10.68	106	96130	19.351	ug/l	100
70) Styrene	10.70	104	165104	19.591	ug/l	100
71) Bromoform	10.84	173	44892	19.284	ug/l #	98
73) Isopropylbenzene	11.00	105	254168	19.125	ug/l	99
74) N-amyl acetate	10.88	43	109204	17.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	57347	24.207	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	104093	25.105	ug/l	84
77) Bromobenzene	11.24	156	65309	19.039	ug/l	98
78) n-propylbenzene	11.34	91	281205	18.188	ug/l	99
79) 2-Chlorotoluene	11.40	91	175668	19.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	211556	18.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31317	17.999	ug/l	96
82) 4-Chlorotoluene	11.49	91	205832	19.099	ug/l	99
83) tert-Butylbenzene	11.76	119	175152	18.112	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	213804	18.846	ug/l	100
85) sec-Butylbenzene	11.93	105	215224	16.484	ug/l	100
86) p-Isopropyltoluene	12.05	119	203758	16.808	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	115713	18.787	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	118256	18.916	ug/l	99
89) n-Butylbenzene	12.37	91	165105	14.908	ug/l	100
90) Hexachloroethane	12.58	117	34648	16.642	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	113382	19.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19632	17.965	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

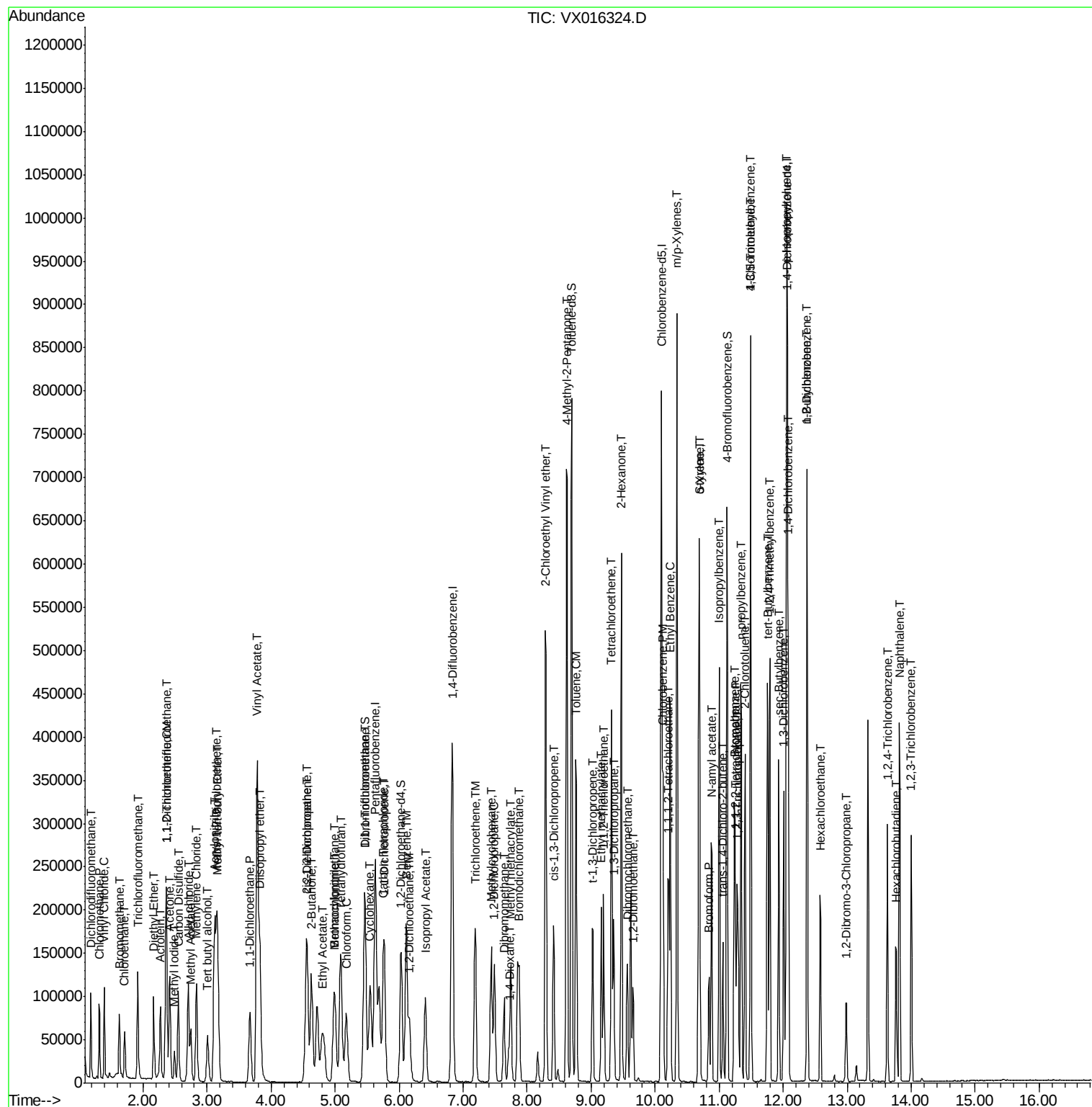
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70942	16.156	ug/l	98
94) Hexachlorobutadiene	13.77	225	25003	13.609	ug/l	95
95) Naphthalene	13.82	128	253776	17.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	71276	16.609	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

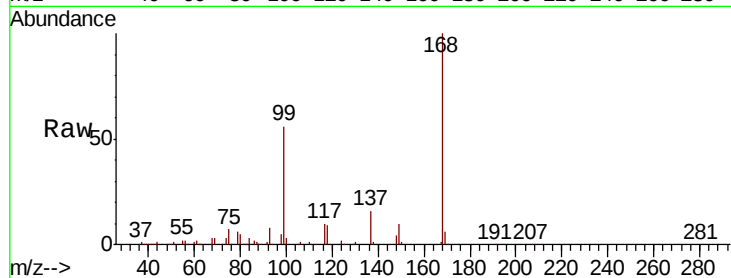
VX0519WBS01

Tot Ion:168 Resp: 253697

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

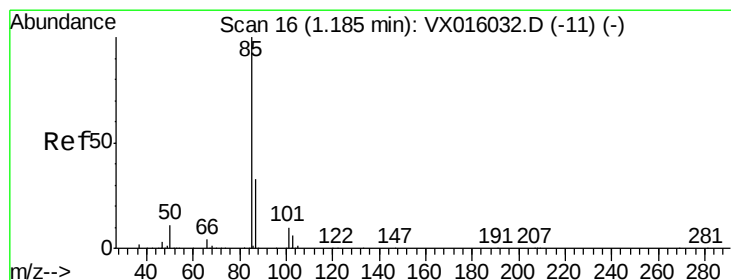
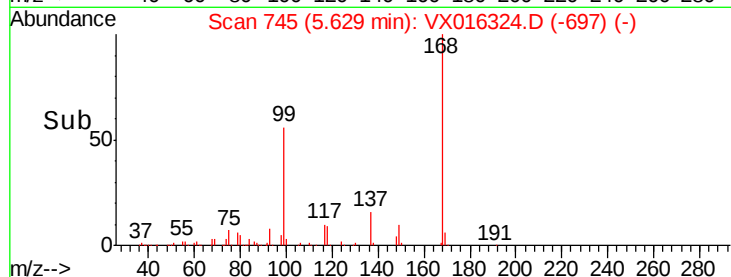
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.902 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016324.D

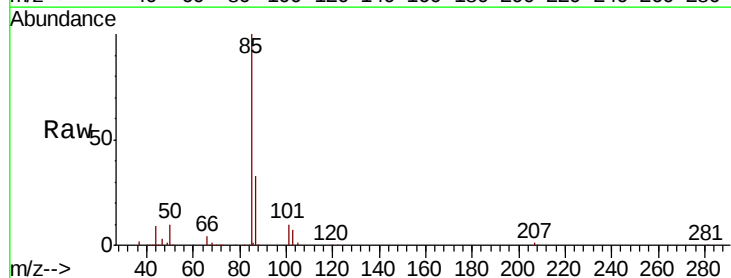
Acq: 19 May 2020 11:06

Tgt Ion: 85 Resp: 50759

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

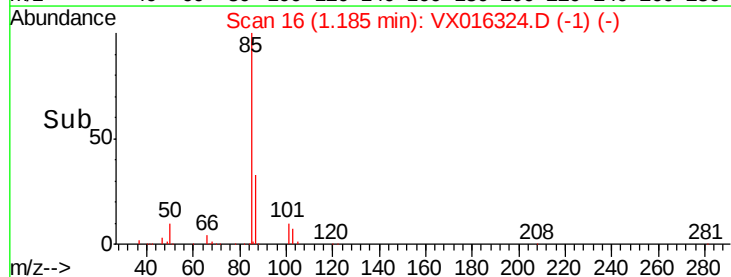
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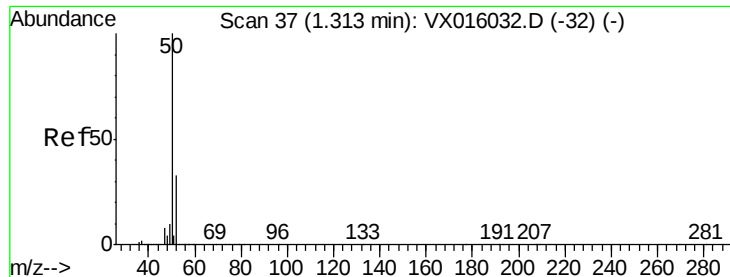
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.347 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

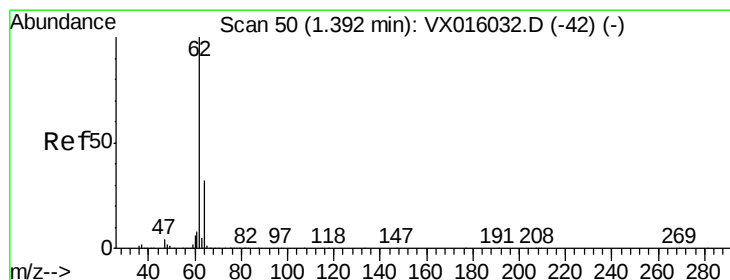
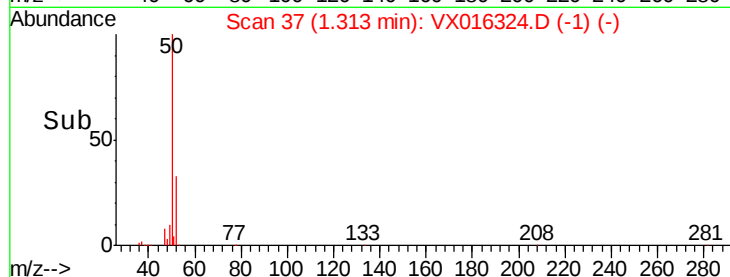
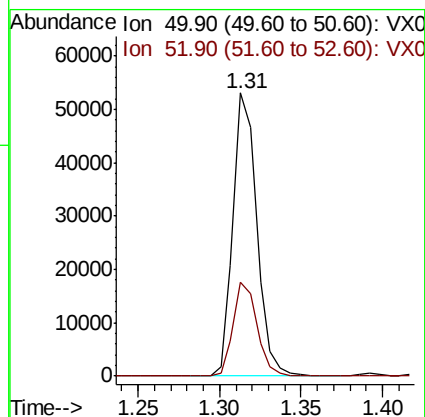
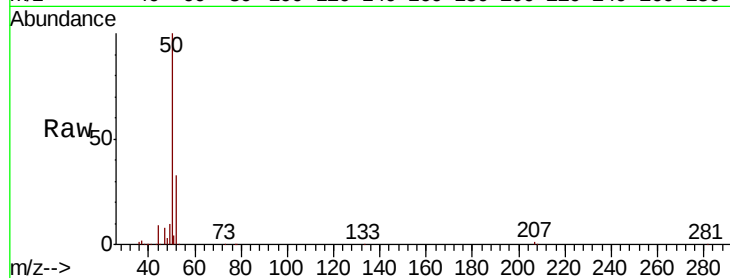
VX0519WBS01

Tot Ion: 50 Resp: 54099

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 18.195 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016324.D

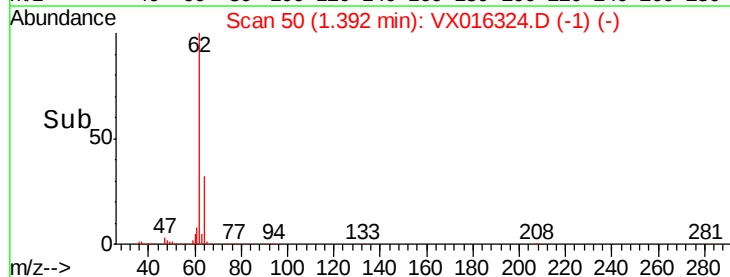
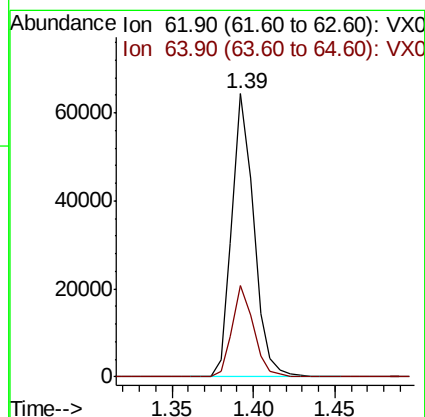
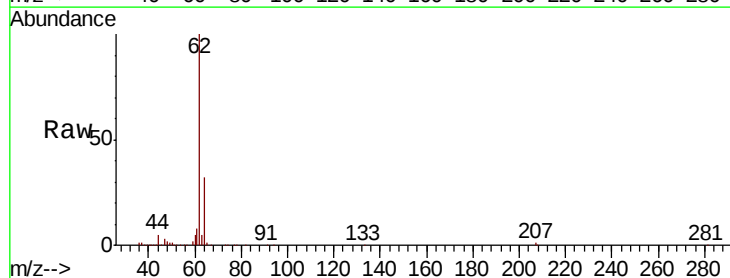
Acq: 19 May 2020 11:06

Tgt Ion: 62 Resp: 60538

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 19.561 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

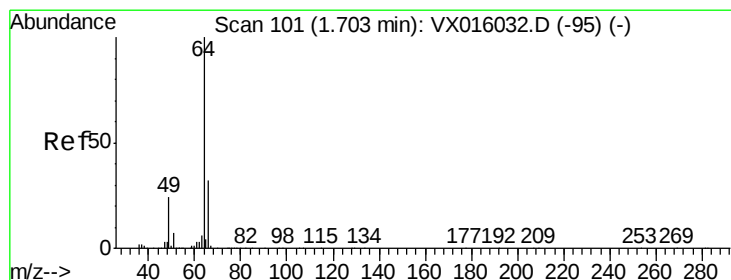
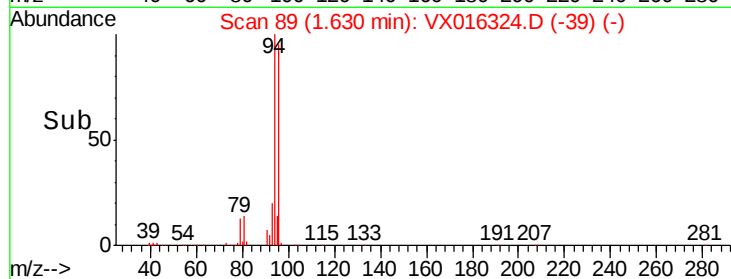
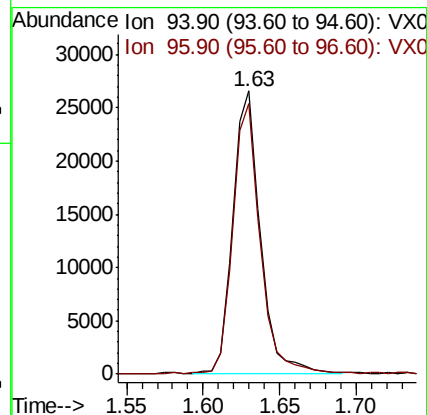
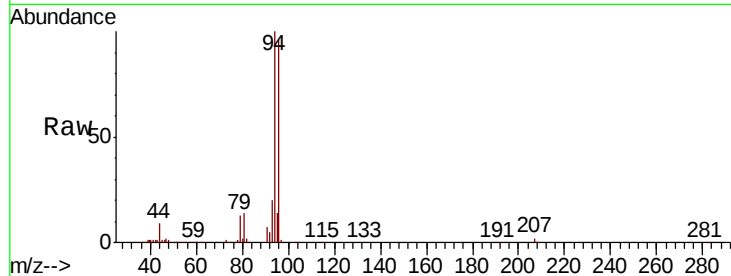
VX0519WBS01

Tot Ion: 94 Resp: 32812

Ion Ratio Lower Upper

94 100

96 95.5 76.9 115.3



#6

Chloroethane

Concen: 17.567 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016324.D

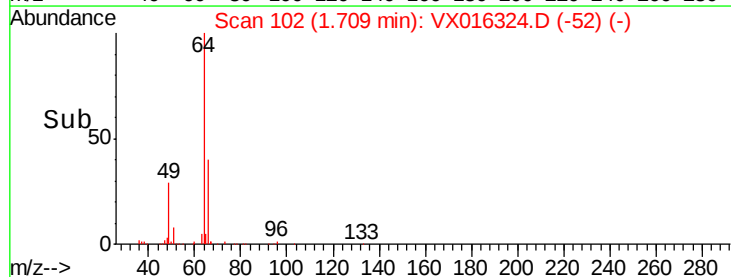
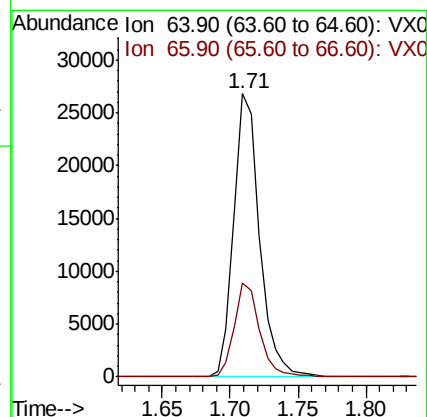
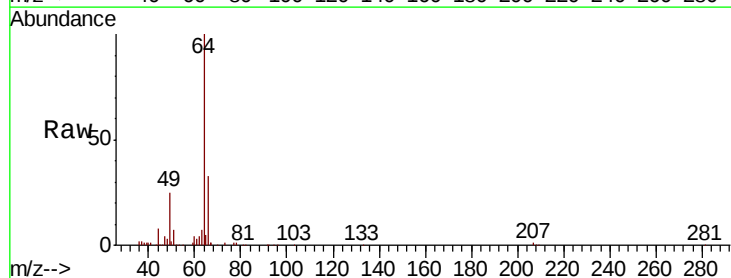
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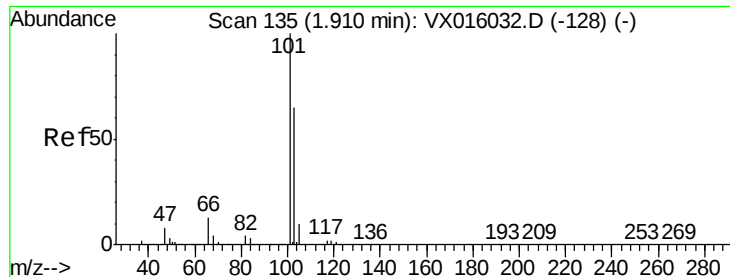
Tgt Ion: 64 Resp: 35563

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8



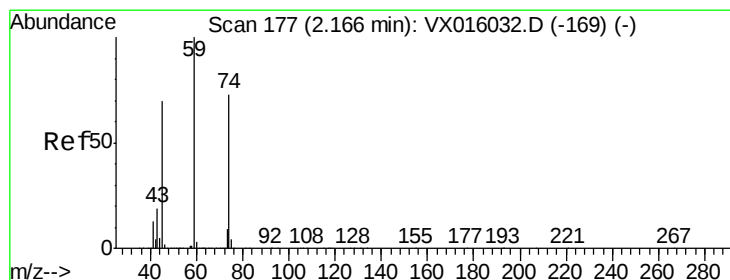
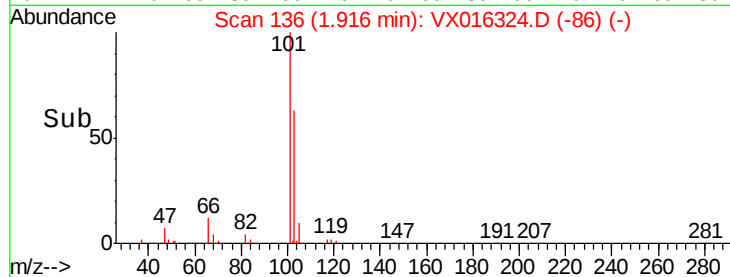
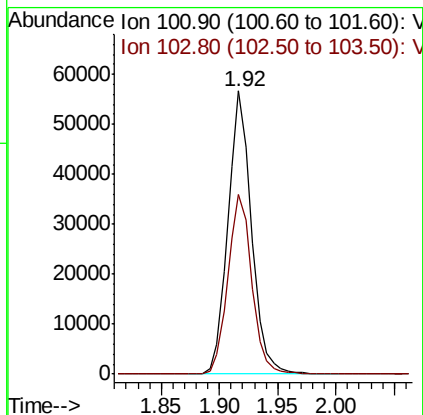
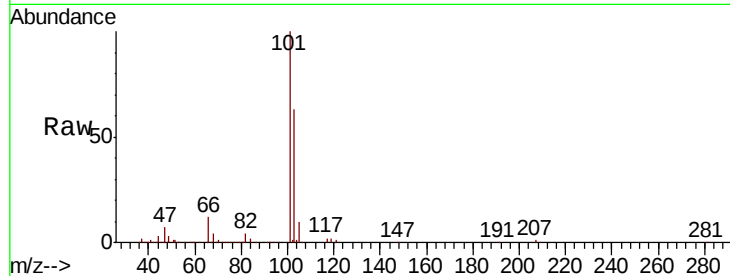


#7

Trichlorofluoromethane
Concen: 18.202 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

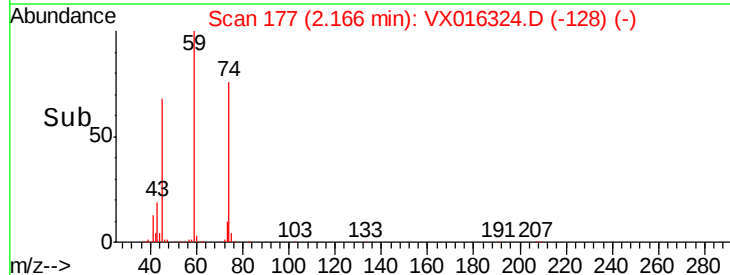
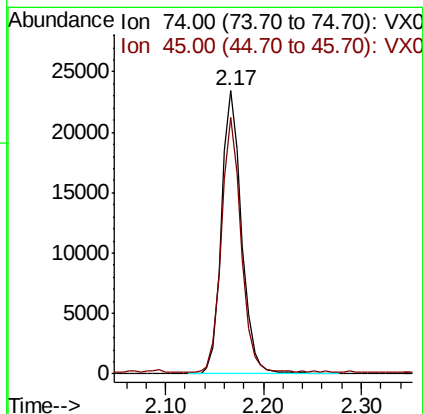
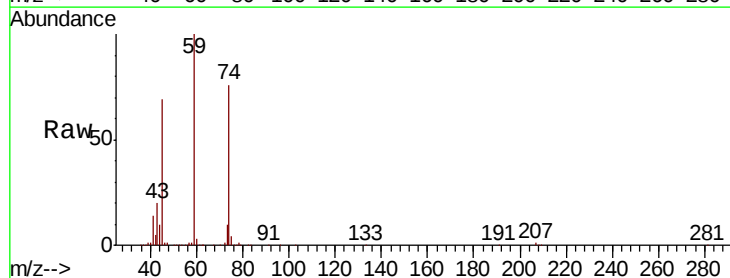
Tot Ion:101 Resp: 79509
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6

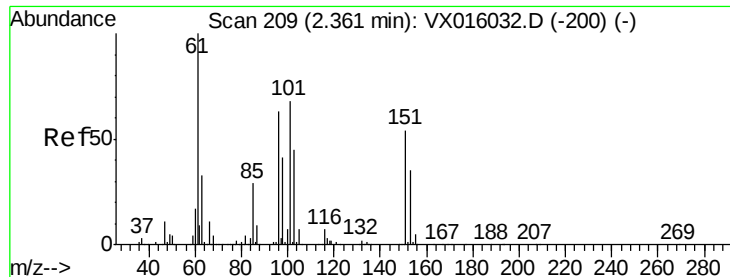


#8

Diethyl Ether
Concen: 18.094 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 74 Resp: 33302
Ion Ratio Lower Upper
74 100
45 88.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.686 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

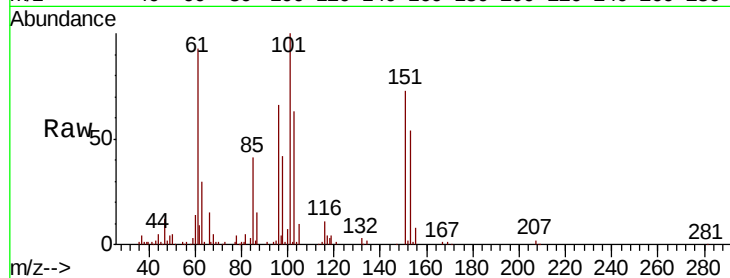
Tot Ion:101 Resp: 47092

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

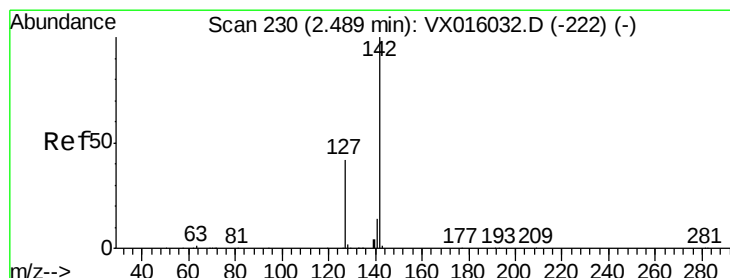
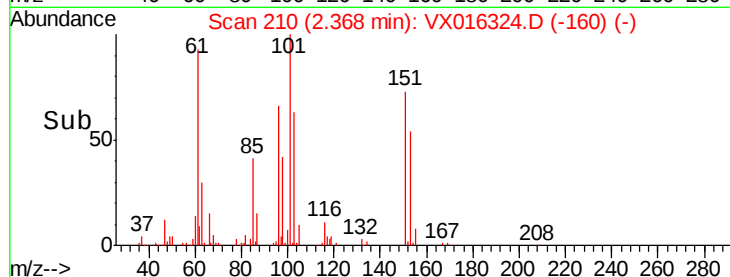
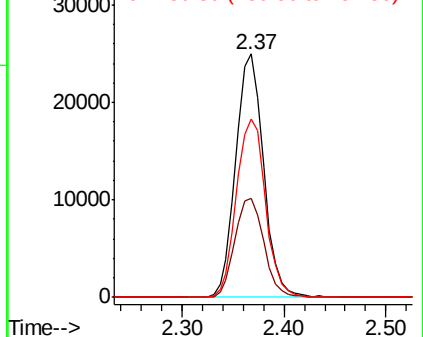
151 76.4 62.1 93.1



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: 10.092 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

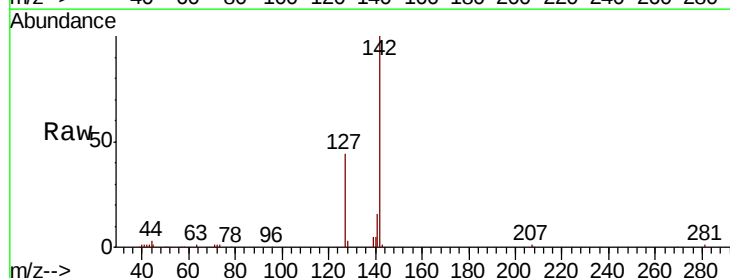
Tgt Ion:142 Resp: 34163

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

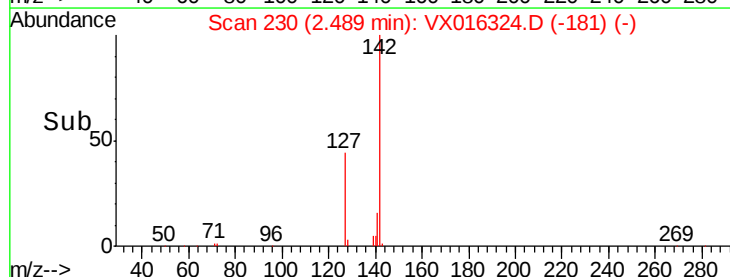
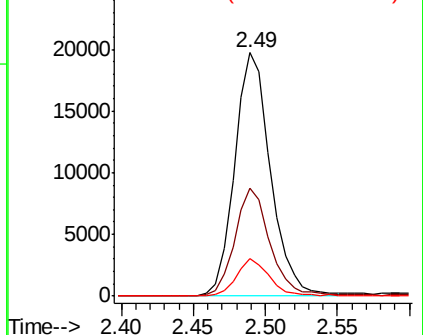
141 14.4 11.3 16.9

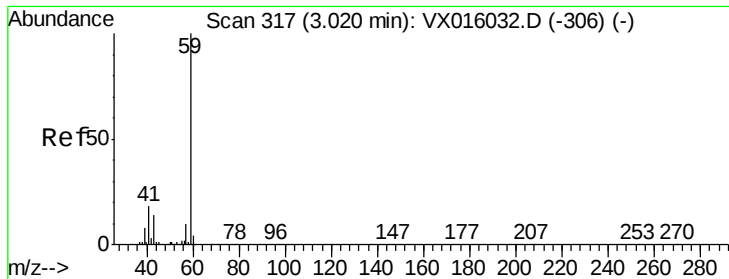


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



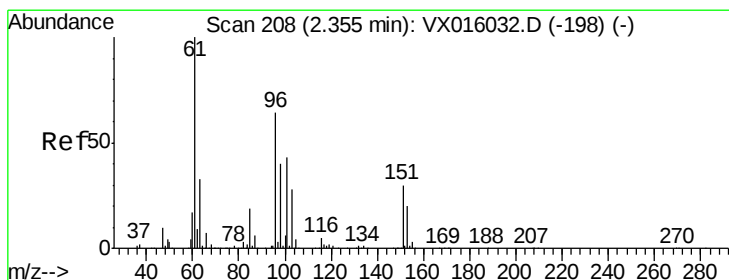
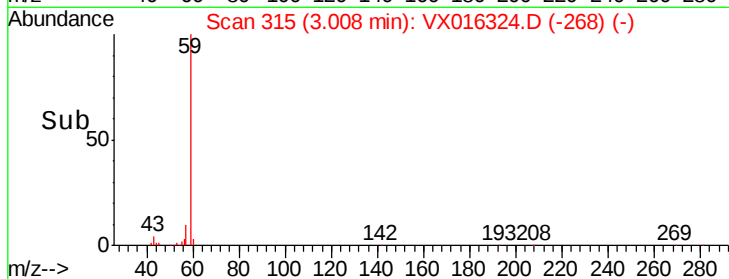
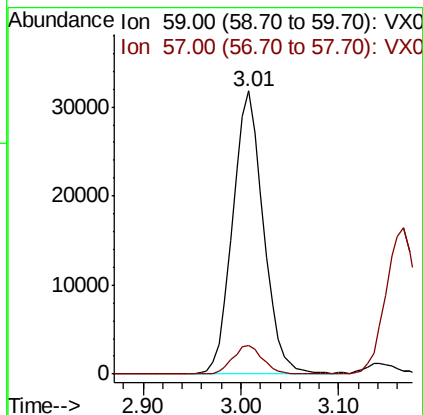
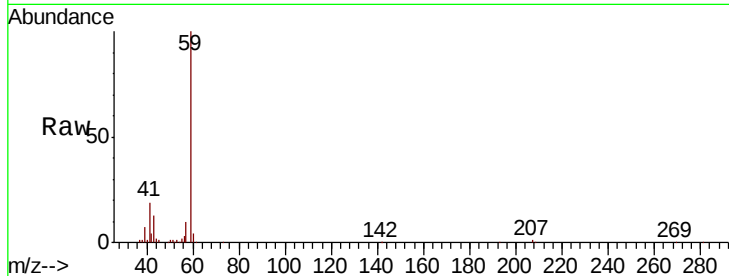


#11

Tert butyl alcohol
Concen: 82.333 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

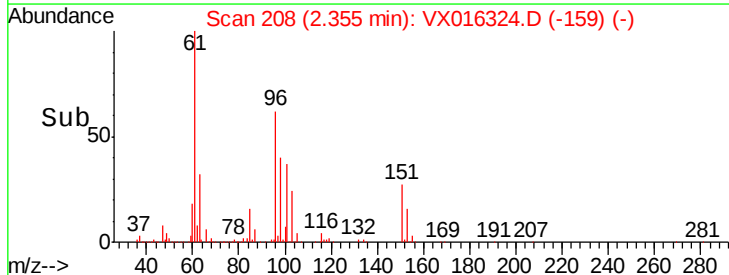
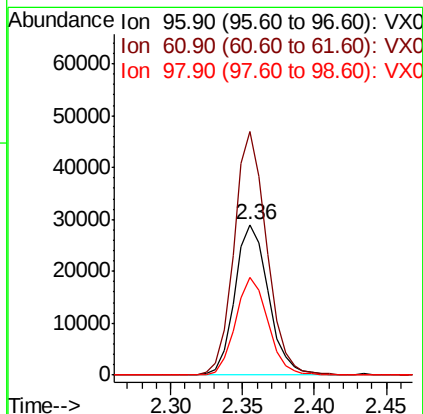
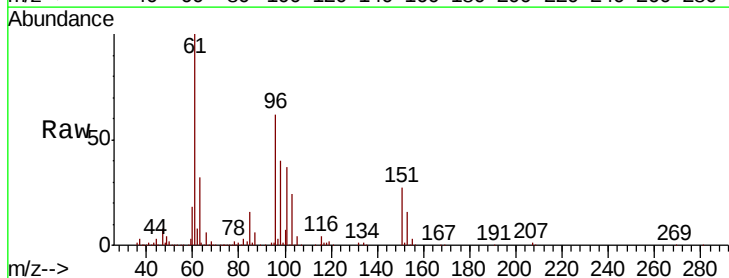
Tot Ion: 59 Resp: 69505
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12

1,1-Dichloroethene
Concen: 17.694 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 96 Resp: 46662
Ion Ratio Lower Upper
96 100
61 162.0 124.8 187.2
98 65.0 49.7 74.5





#13

Acrolein

Concen: 113.639 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

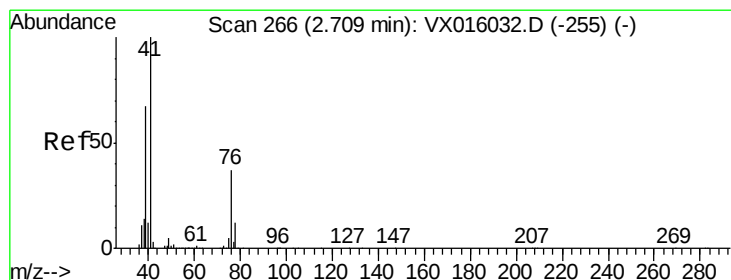
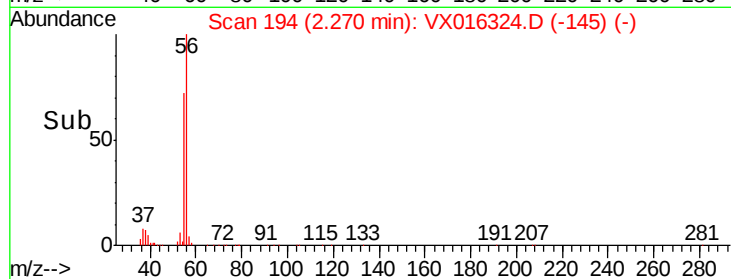
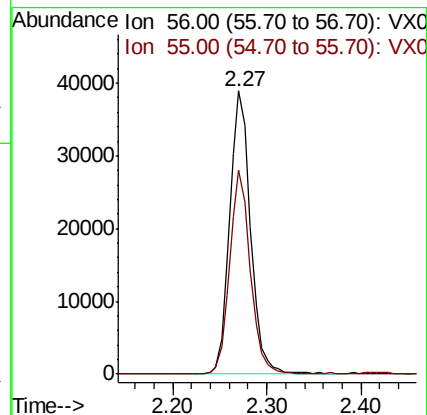
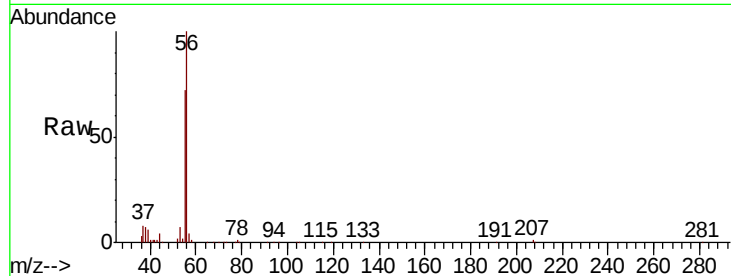
VX0519WBS01

Tot Ion: 56 Resp: 60032

Ion Ratio Lower Upper

56 100

55 71.7 56.5 84.7



#14

Allyl chloride

Concen: 16.828 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

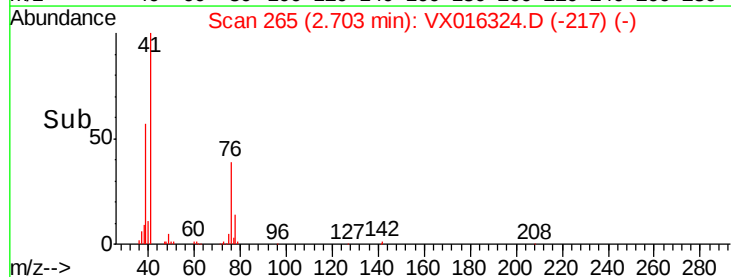
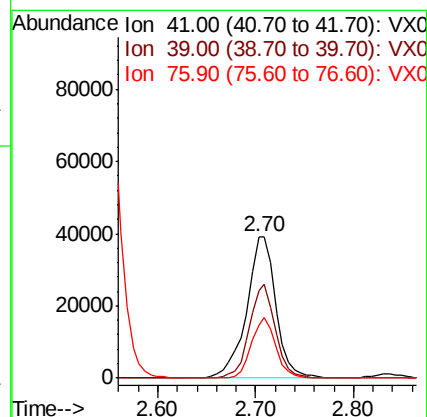
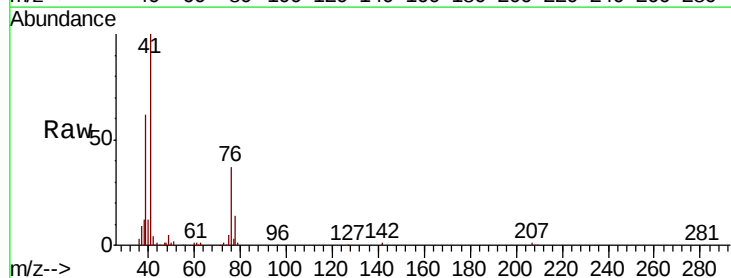
Tgt Ion: 41 Resp: 81369

Ion Ratio Lower Upper

41 100

39 58.3 50.5 75.7

76 35.8 26.6 40.0





#15

Acrylonitrile

Concen: 88.968 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0519WBS01

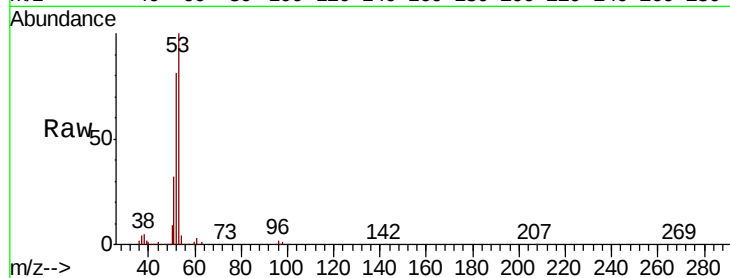
Tot Ion: 53 Resp: 155808

Ion Ratio Lower Upper

53 100

52 80.7 66.1 99.1

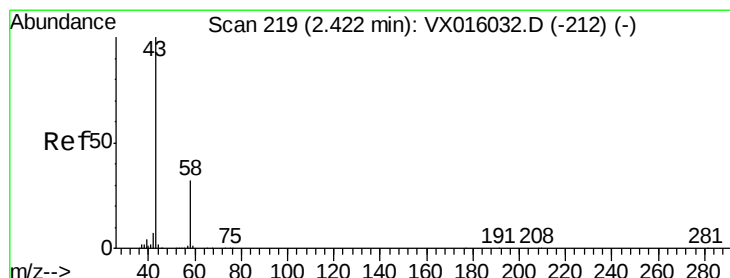
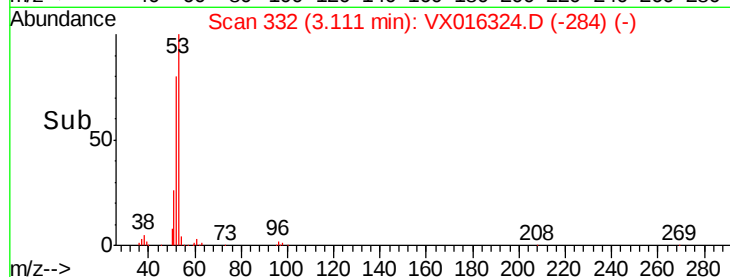
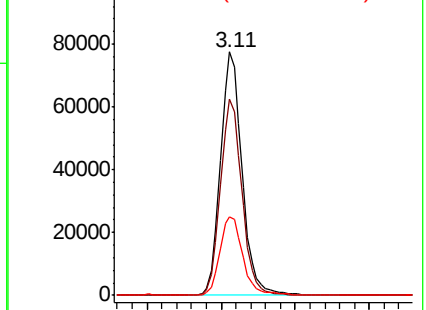
51 34.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.232 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016324.D

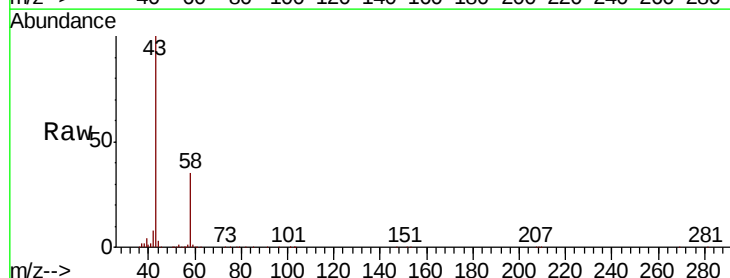
Acq: 19 May 2020 11:06

Tgt Ion: 43 Resp: 121000

Ion Ratio Lower Upper

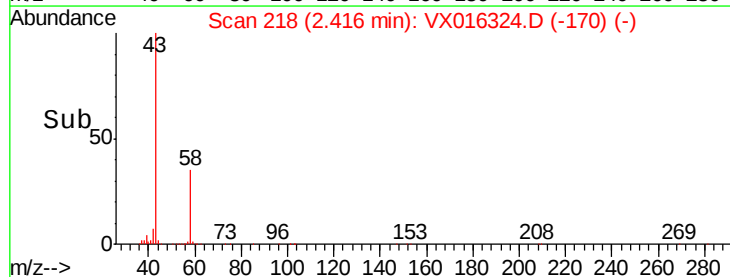
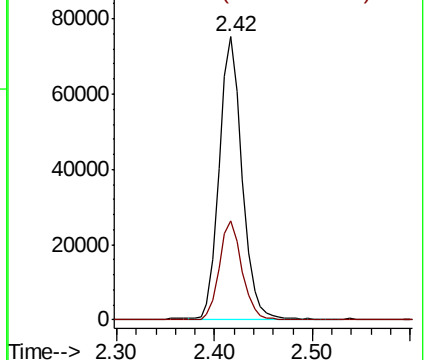
43 100

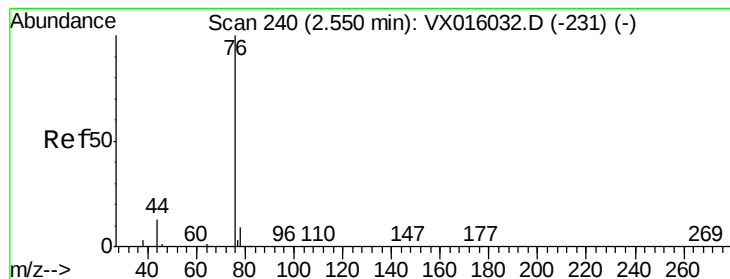
58 35.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.047 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

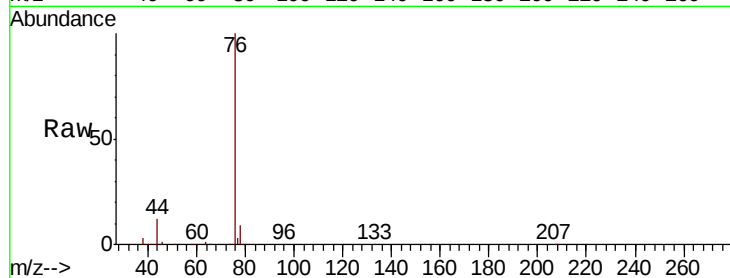
VX0519WBS01

Tot Ion: 76 Resp: 128203

Ion Ratio Lower Upper

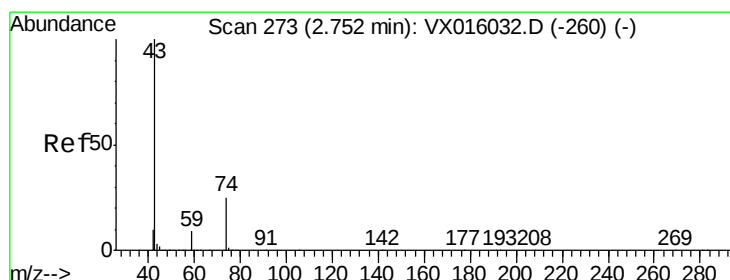
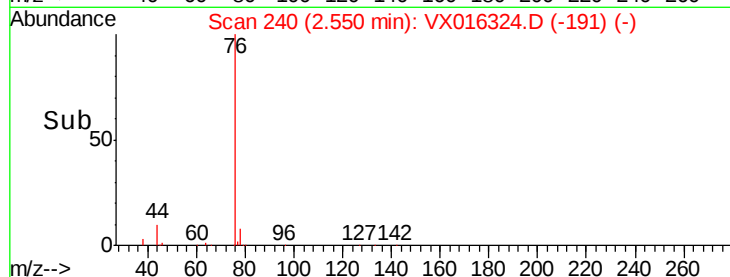
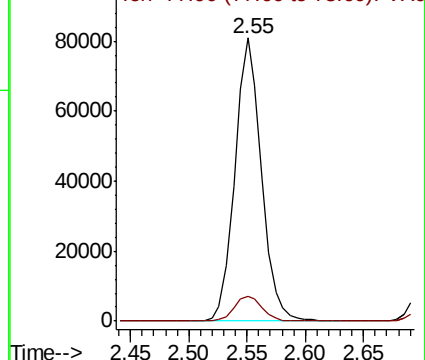
76 100

78 8.8 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: 18.264 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016324.D

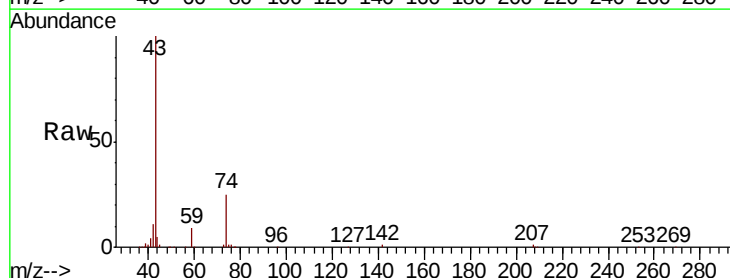
Acq: 19 May 2020 11:06

Tgt Ion: 43 Resp: 66893

Ion Ratio Lower Upper

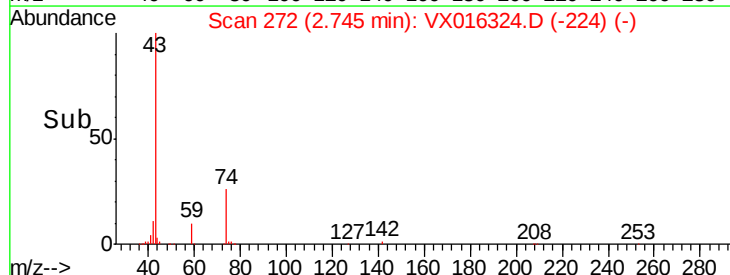
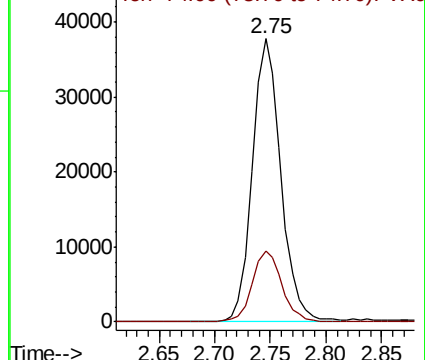
43 100

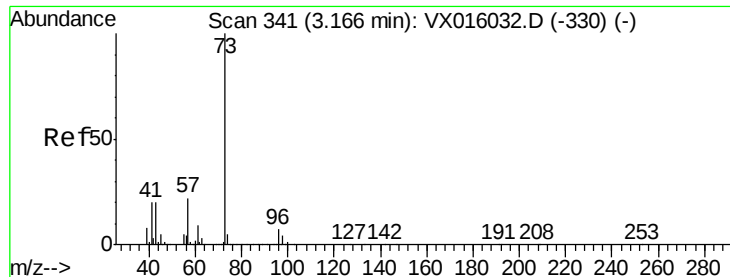
74 26.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



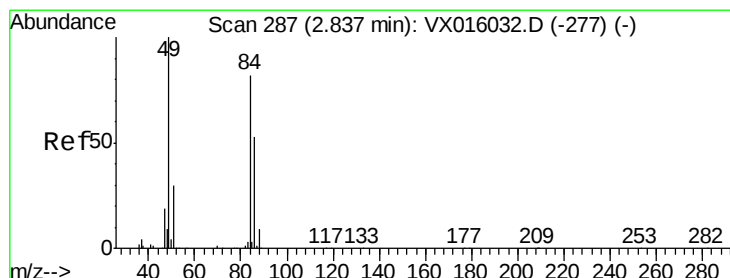
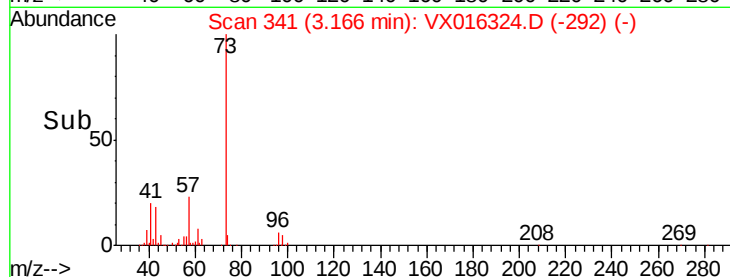
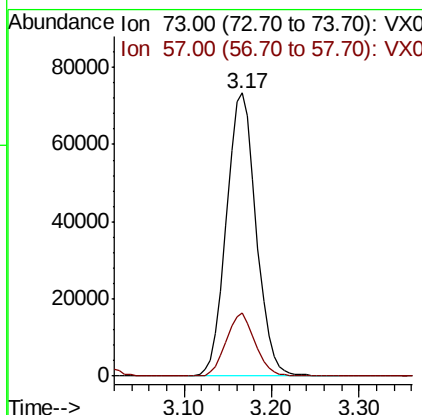
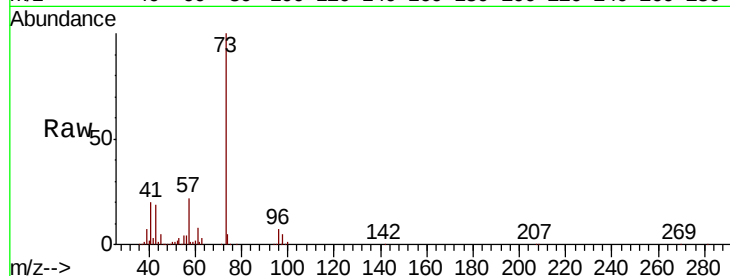


#19

Methyl tert-butyl Ether
 Concen: 19.008 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

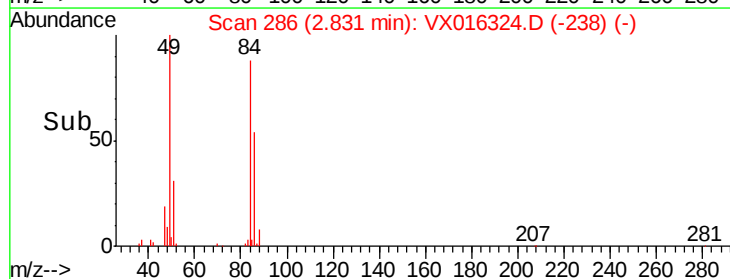
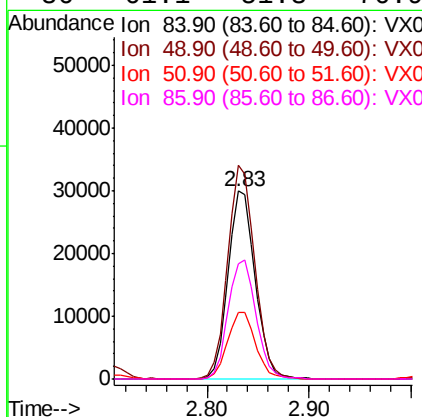
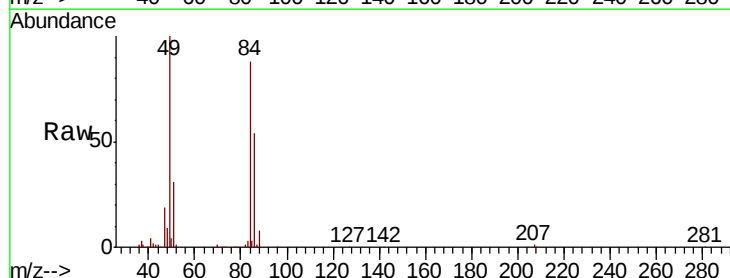
Tot Ion: 73 Resp: 172807
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.8 26.6



#20

Methylene Chloride
 Concen: 17.962 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion: 84 Resp: 55157
 Ion Ratio Lower Upper
 84 100
 49 113.6 97.3 145.9
 51 35.5 29.3 43.9
 86 61.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.507 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

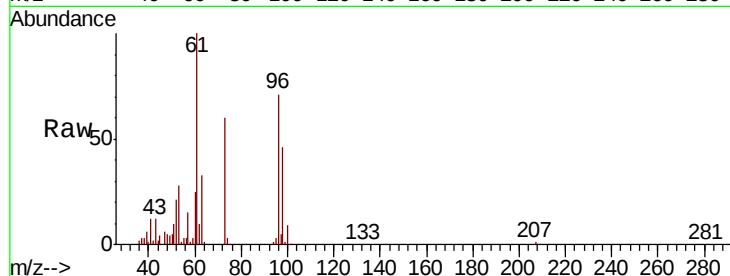
Tot Ion: 96 Resp: 51451

Ion Ratio Lower Upper

96 100

61 141.1 111.2 166.8

98 64.6 50.2 75.4

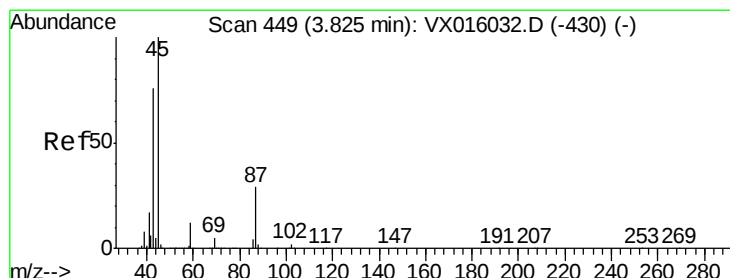
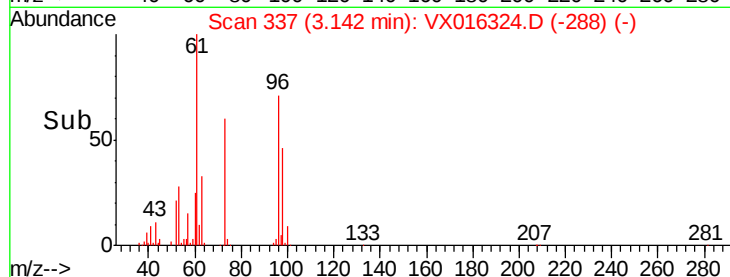
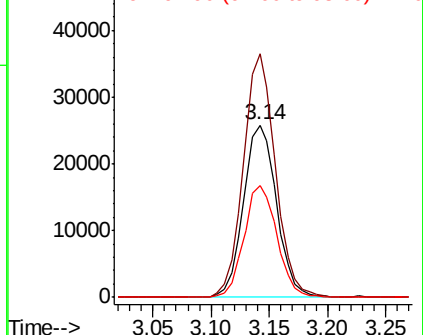


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.282 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion: 45 Resp: 166774

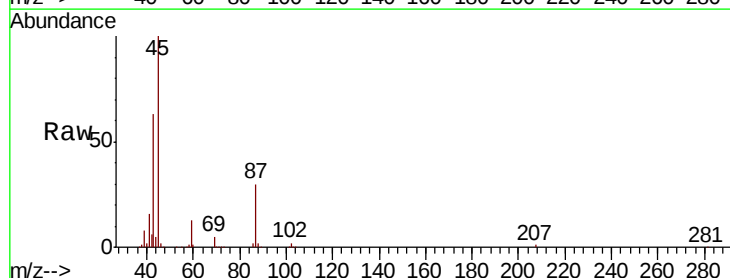
Ion Ratio Lower Upper

45 100

43 62.3 61.1 91.7

87 29.9 23.0 34.6

59 12.5 9.8 14.6



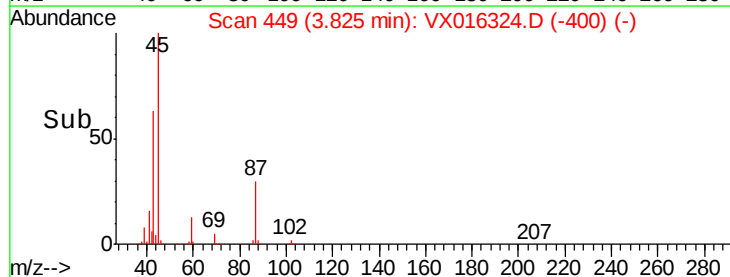
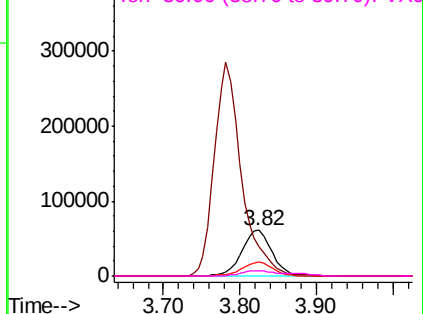
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

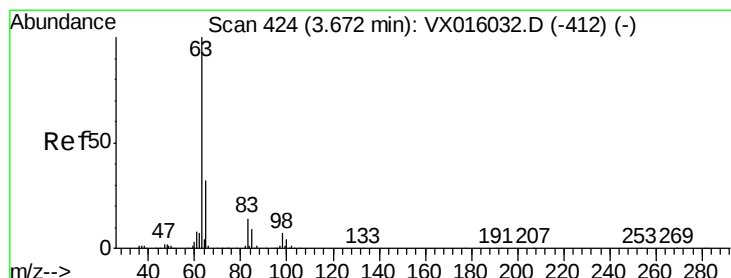
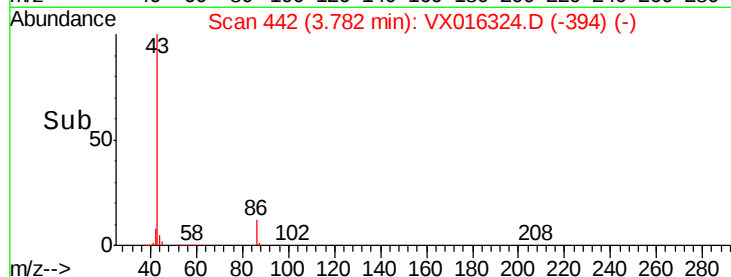
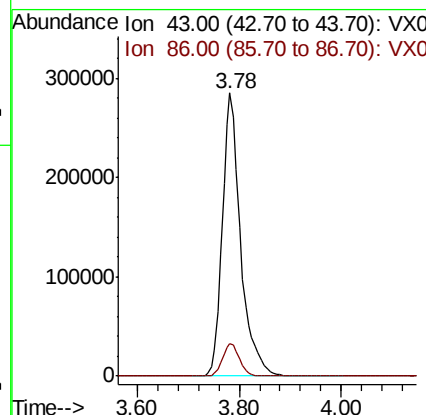
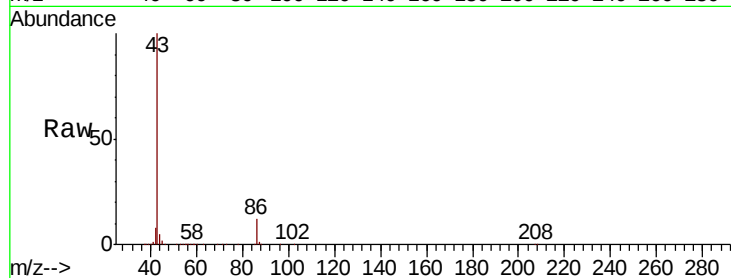




#23
 Vinyl Acetate
 Concen: 88.598 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

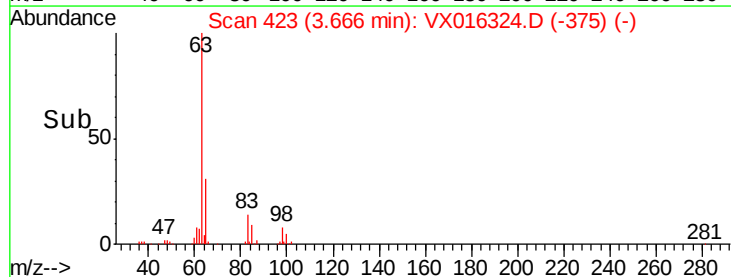
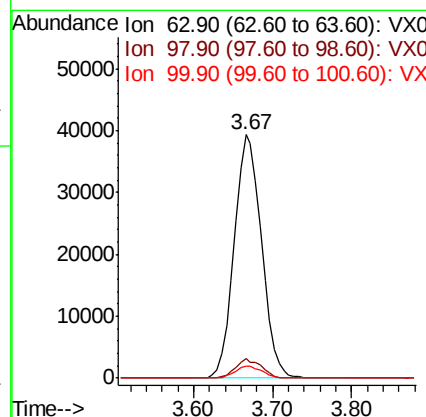
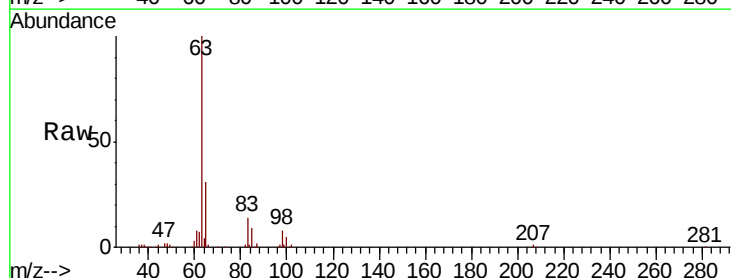
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion: 43 Resp: 711061
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 18.528 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion: 63 Resp: 94551
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 5.0 2.1 6.5

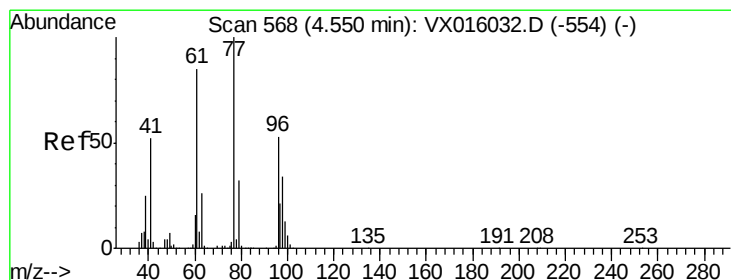
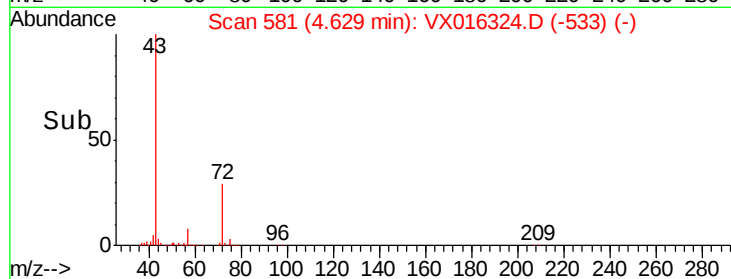
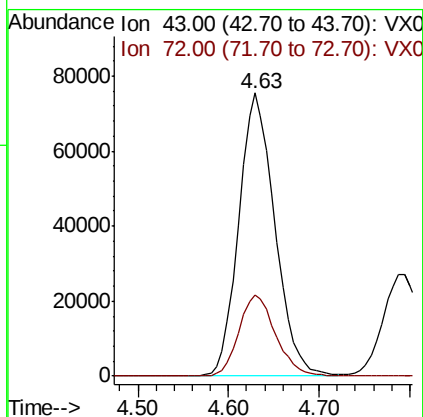
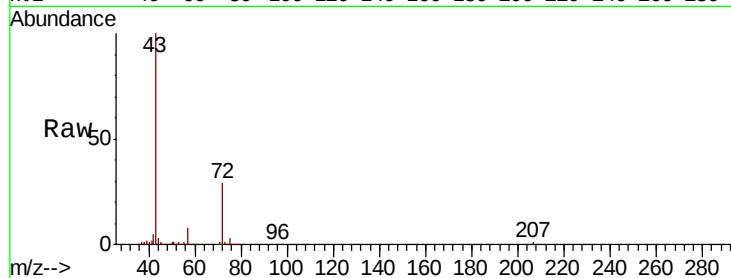




#25
2-Butanone
Concen: 86.211 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

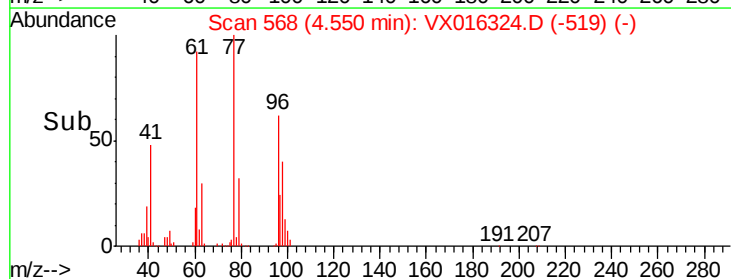
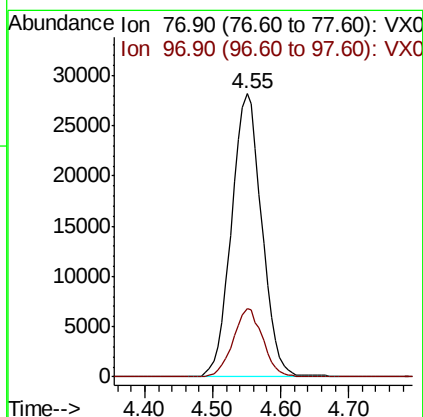
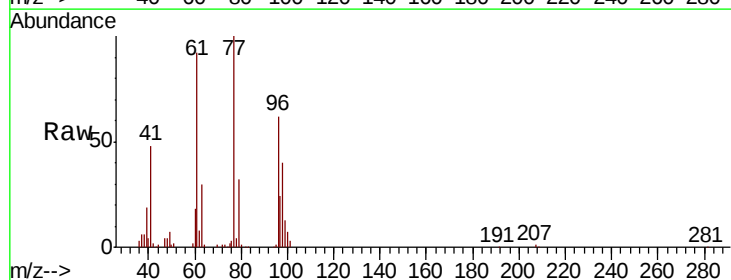
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

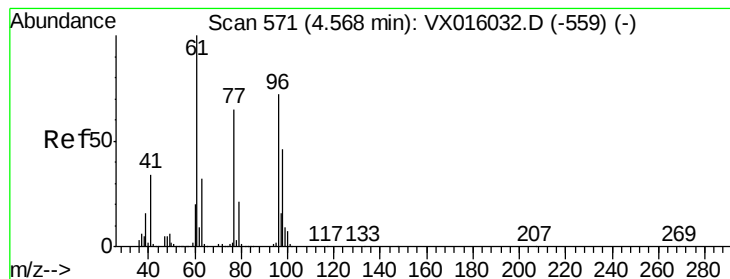
Tot Ion: 43 Resp: 206932
Ion Ratio Lower Upper
43 100
72 28.6 21.8 32.8



#26
2,2-Dichloropropane
Concen: 18.719 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 77 Resp: 87237
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.995 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

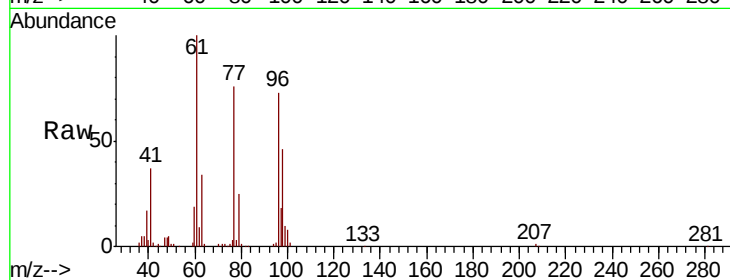
Tot Ion: 96 Resp: 61027

Ion Ratio Lower Upper

96 100

61 144.1 0.0 296.2

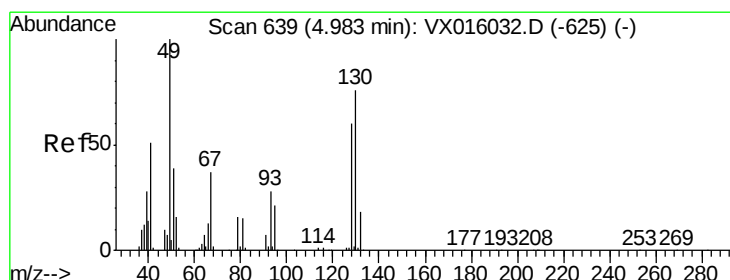
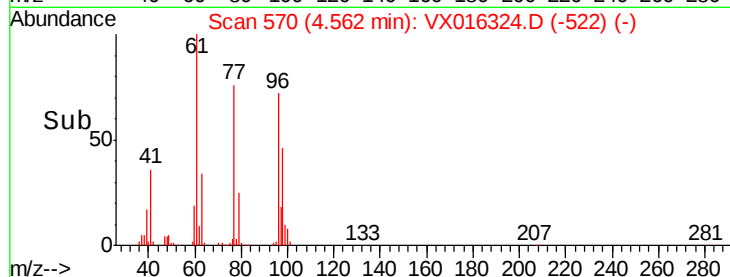
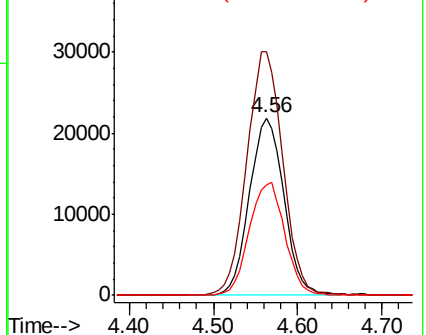
98 65.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.005 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

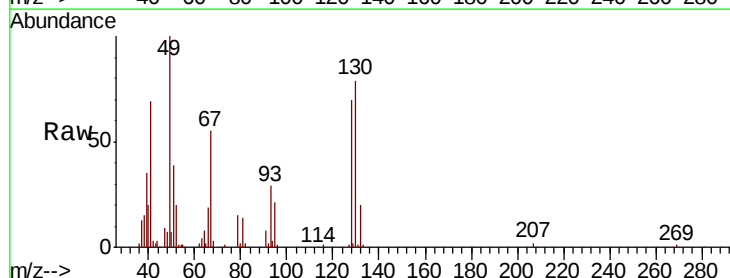
Tgt Ion: 49 Resp: 41897

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

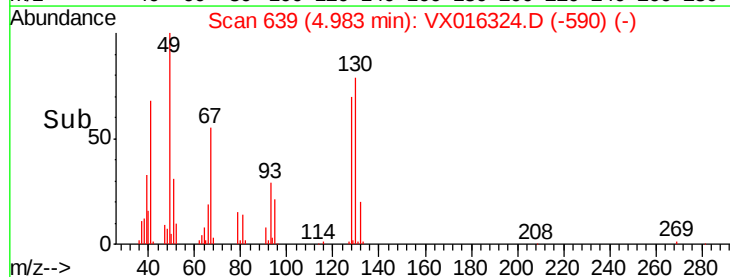
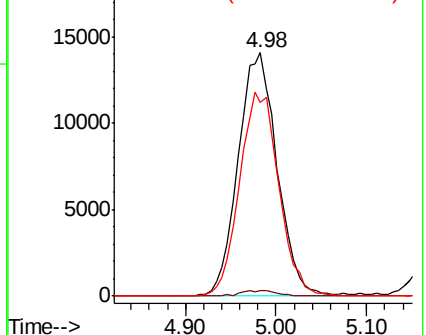
130 84.1 62.4 93.6

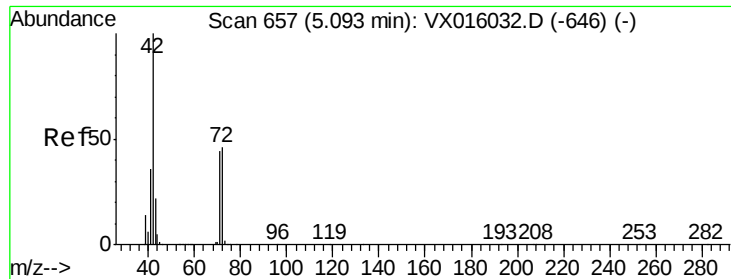


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

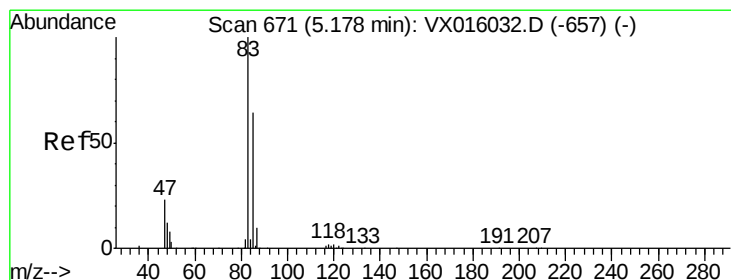
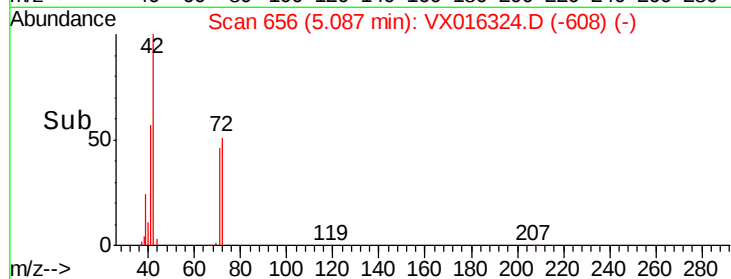
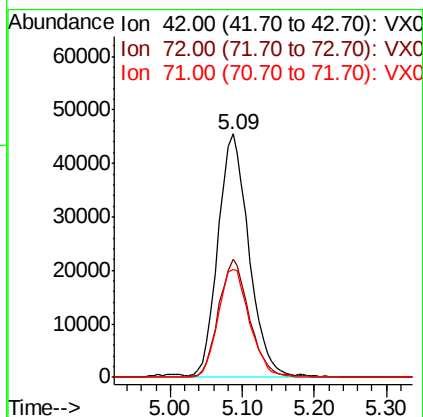
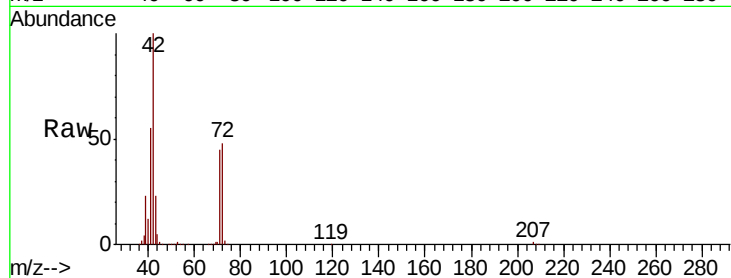




#29
Tetrahydrofuran
Concen: 85.159 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

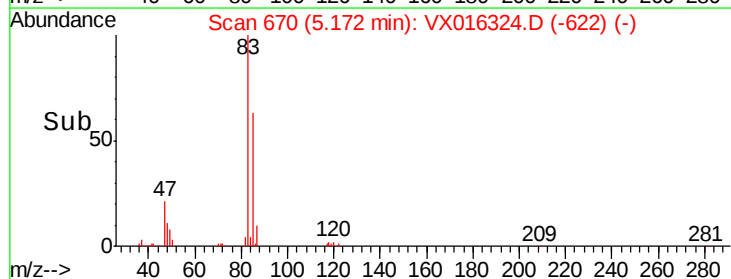
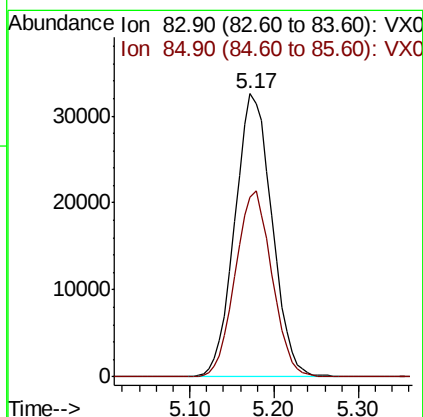
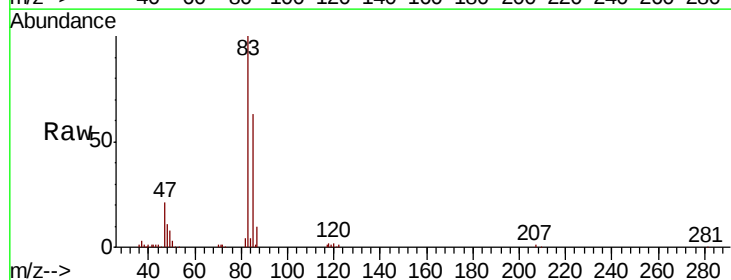
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

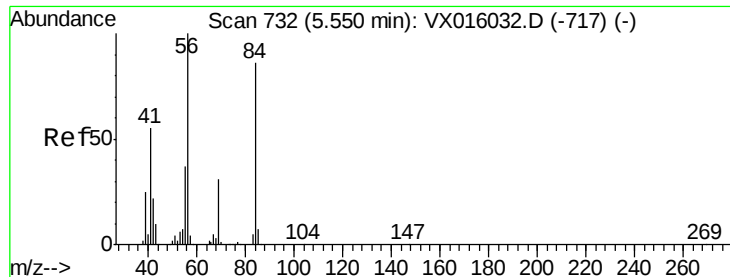
Tot Ion: 42 Resp: 135440
Ion Ratio Lower Upper
42 100
72 48.8 37.1 55.7
71 45.6 34.5 51.7



#30
Chloroform
Concen: 19.141 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 83 Resp: 97252
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4

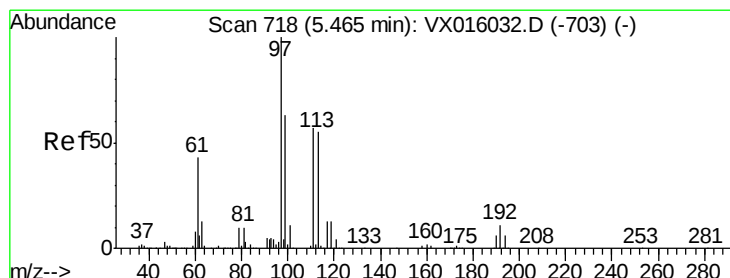
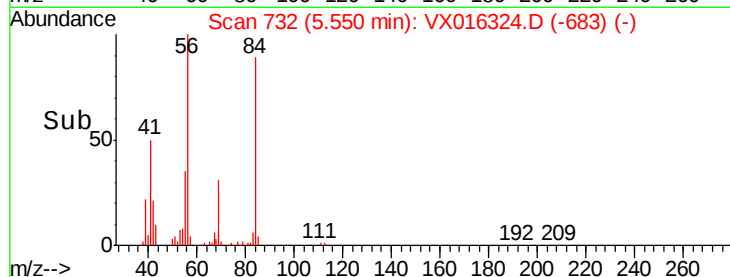
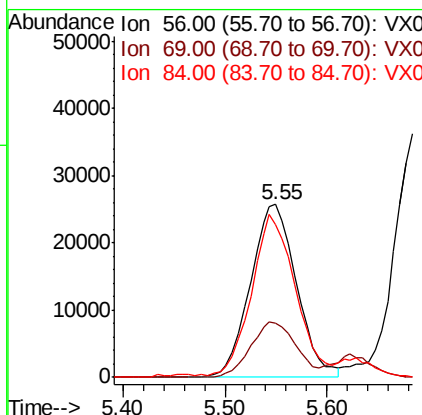
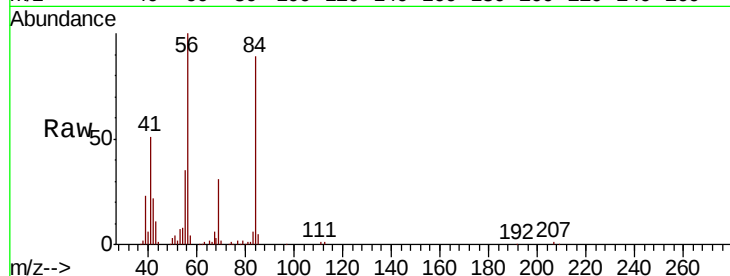




#31
Cyclohexane
Concen: 17.360 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

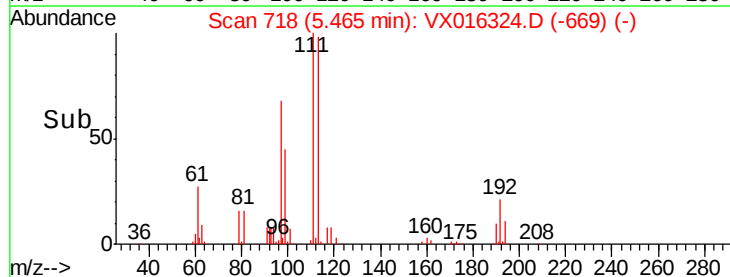
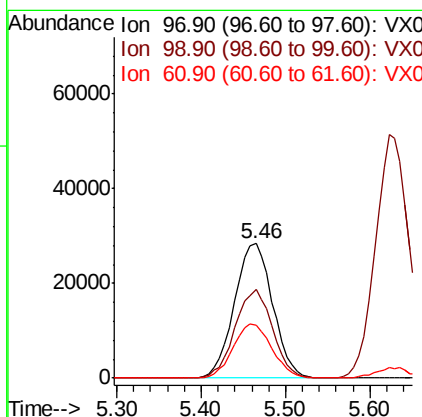
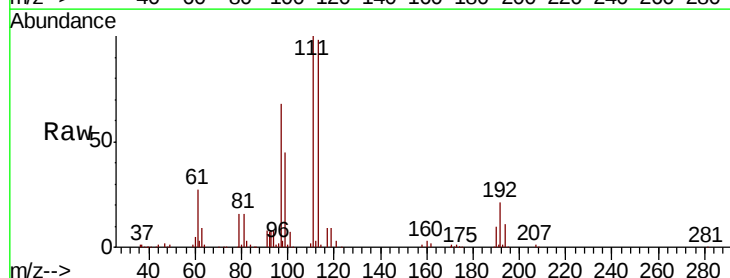
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion: 56 Resp: 80510
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 86.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.891 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 97 Resp: 87245
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 40.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.545 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

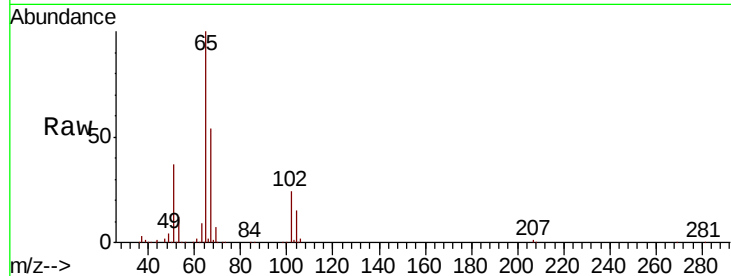
VX0519WBS01

Tot Ion: 65 Resp: 142033

Ion Ratio Lower Upper

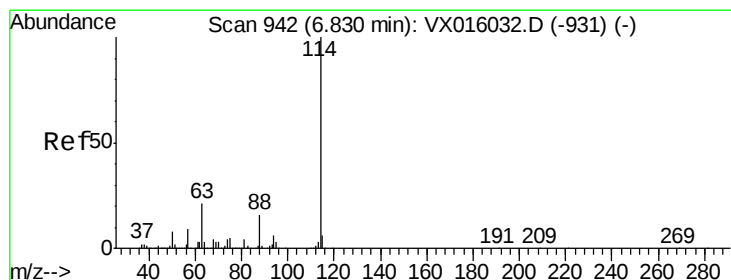
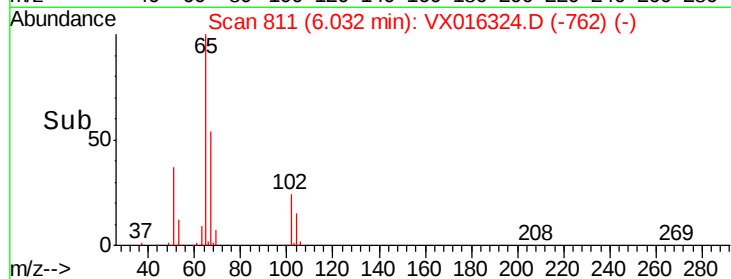
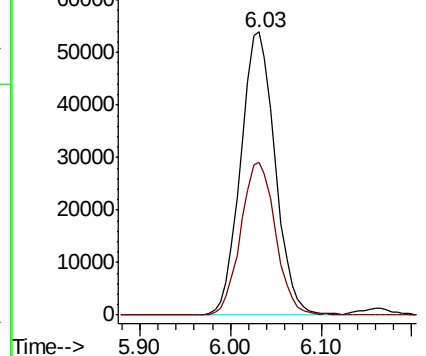
65 100

67 54.7 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: VX016324.D

Acq: 19 May 2020 11:06

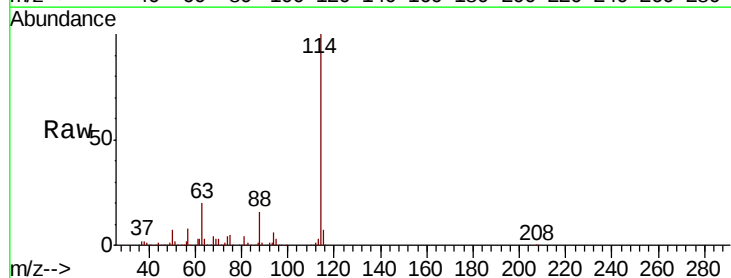
Tgt Ion: 114 Resp: 401931

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

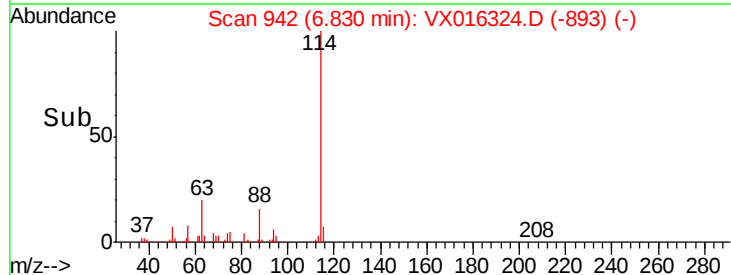
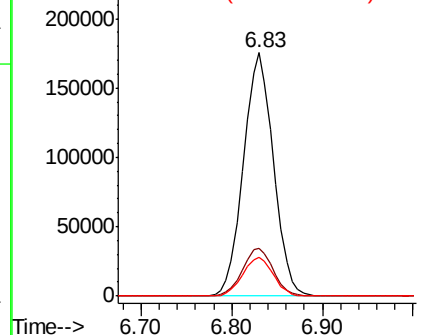
88 15.9 0.0 31.4



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

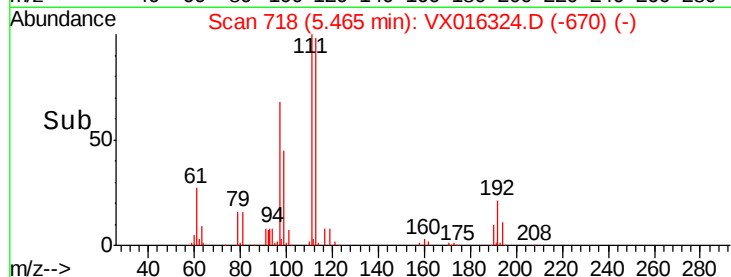
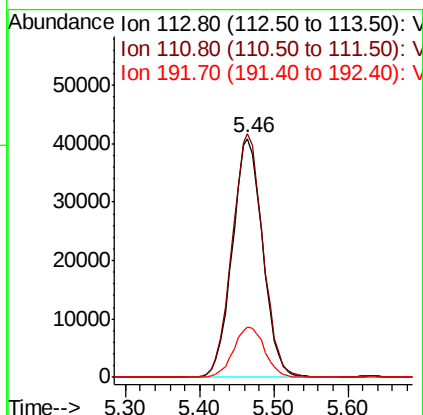
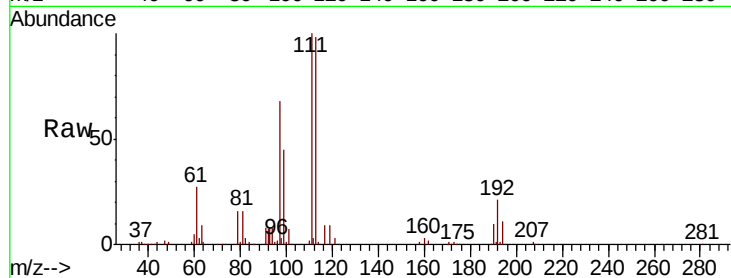




#35
 Dibromofluoromethane
 Concen: 45.789 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

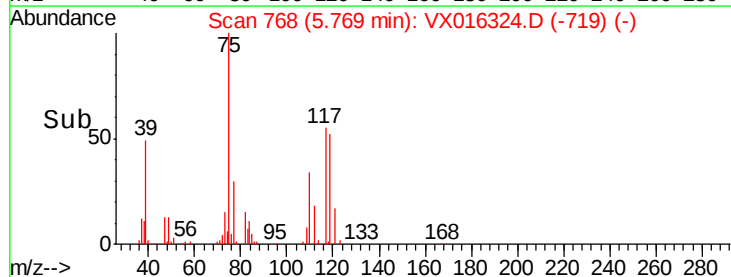
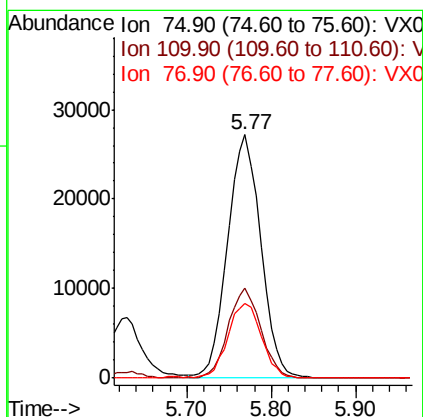
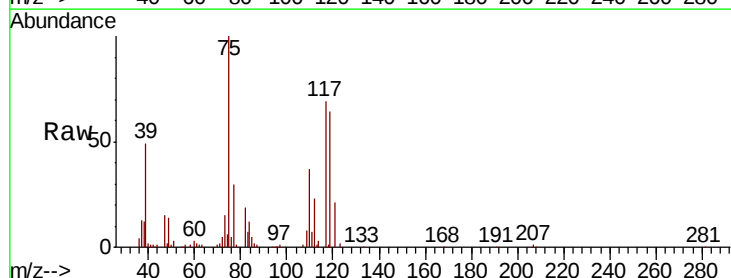
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

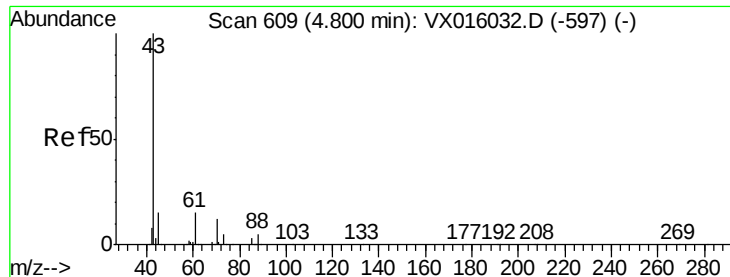
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	21.5	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 18.412 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	31.0	25.0	37.6

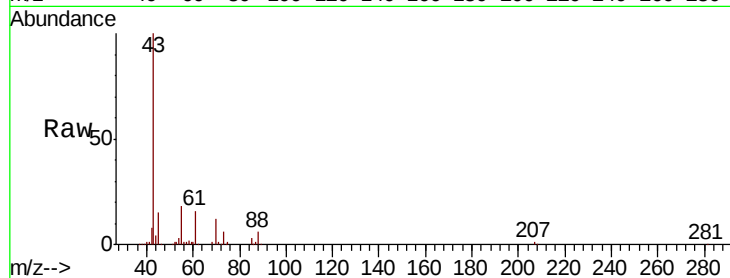




#37
Ethyl Acetate
Concen: 17.510 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleID :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.7	17.5
70	13.0	9.3	13.9

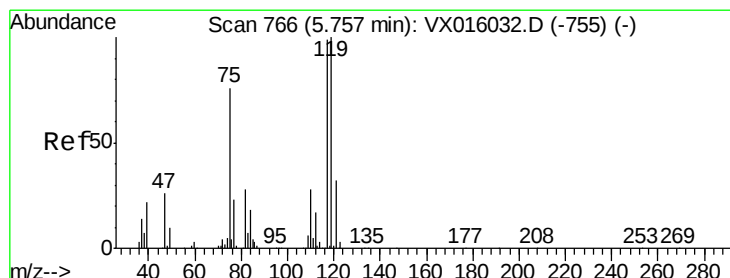
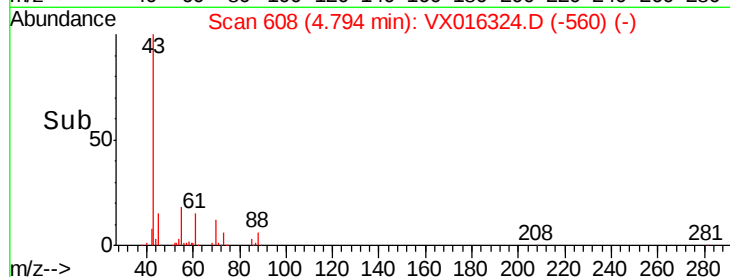
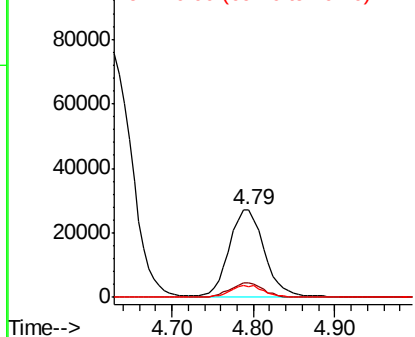


Abundance

Ion 43.00 (42.70 to 43.70): VX0

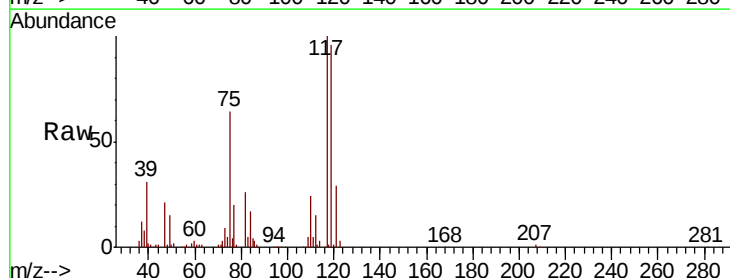
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.039 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	80.3	120.5
121	29.4	25.7	38.5

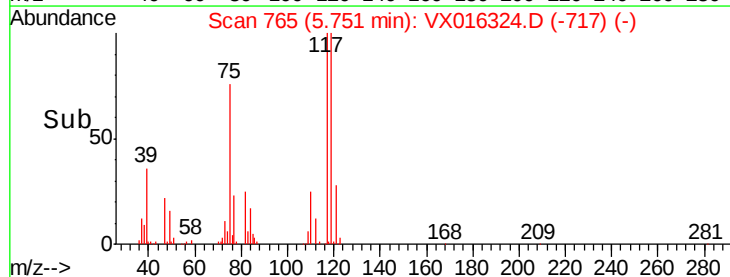
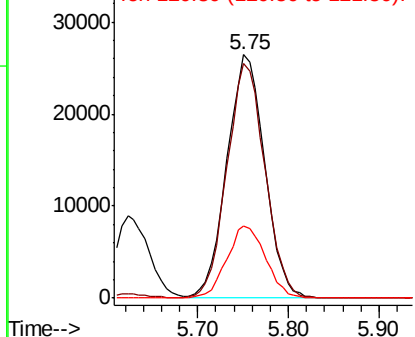


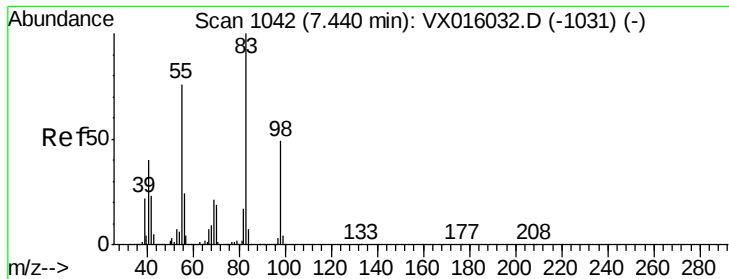
Abundance

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

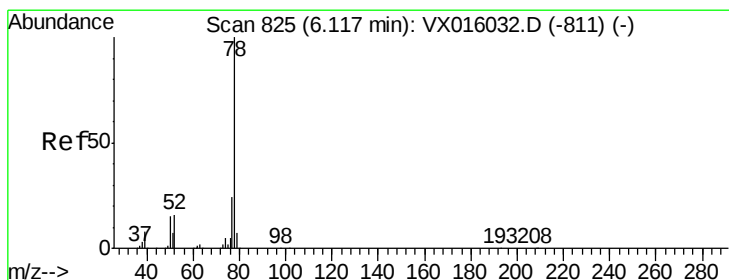
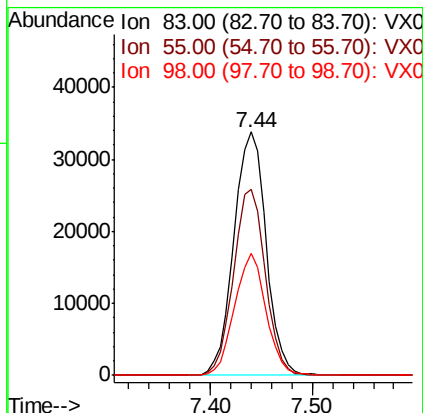
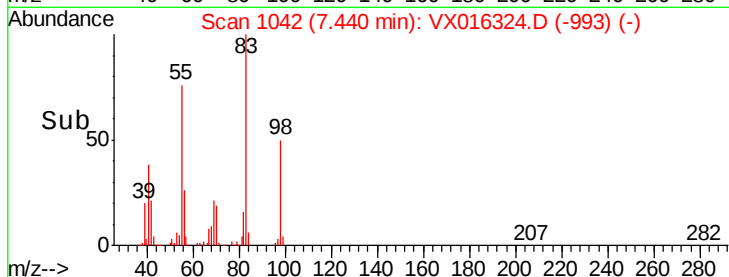
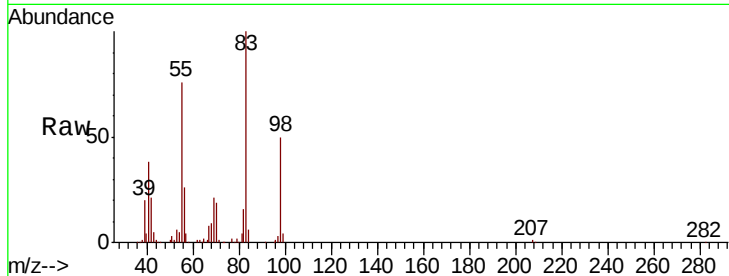




#39
Methvlcvclohexane
Concen: 15.579 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

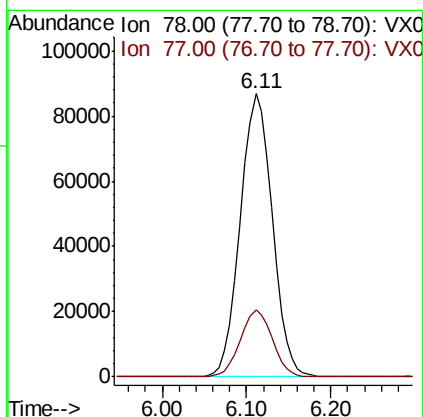
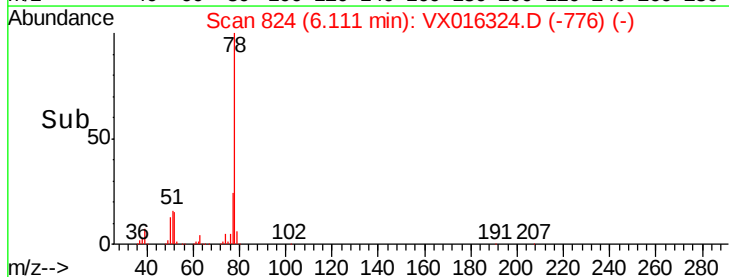
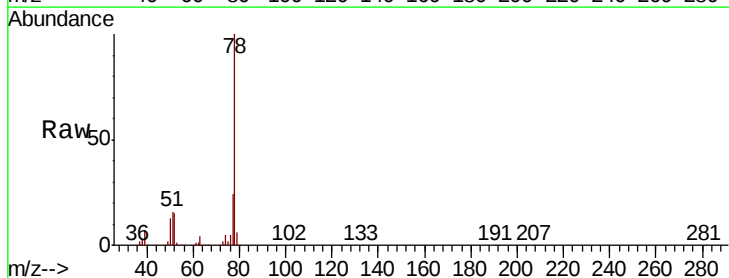
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion: 83 Resp: 74228
Ion Ratio Lower Upper
83 100
55 76.4 61.1 91.7
98 50.2 39.0 58.4



#40
Benzene
Concen: 19.314 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 78 Resp: 223591
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

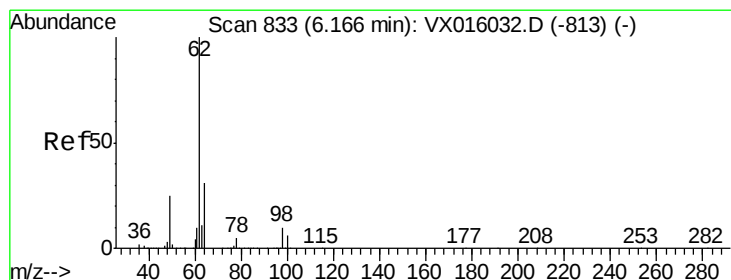
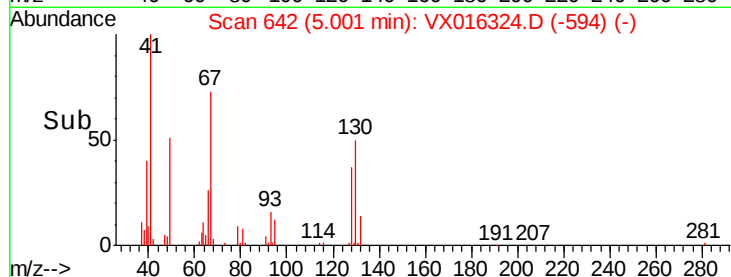
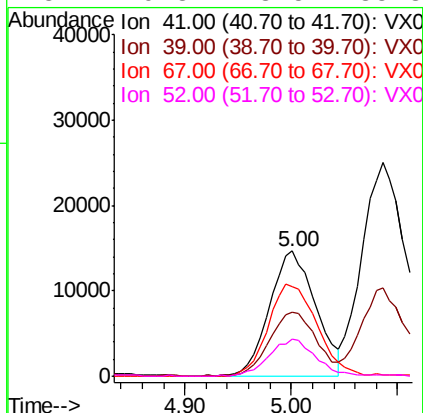
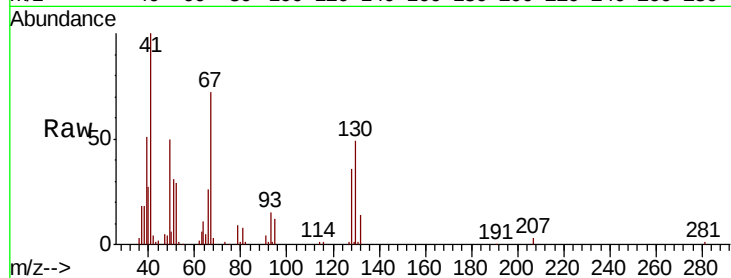




#41
Methacrylonitrile
Concen: 17.909 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

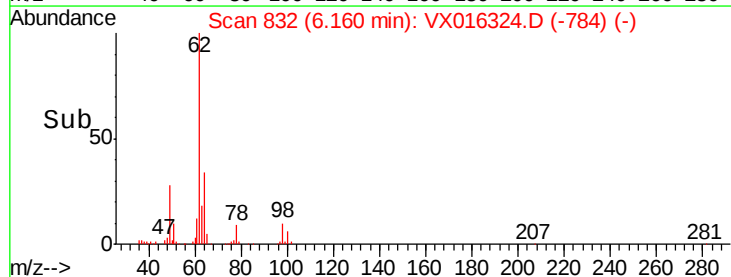
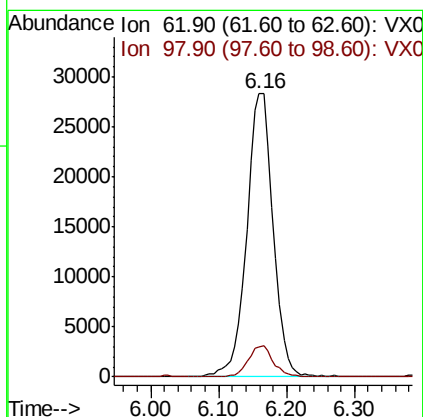
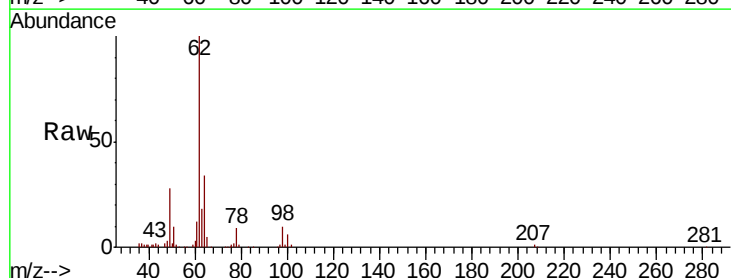
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion:	41	Resp:	44352
Ion	Ratio	Lower	Upper
41	100		
39	50.7	43.2	64.8
67	77.6	59.3	88.9
52	29.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 18.383 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:	62	Resp:	76662
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.4



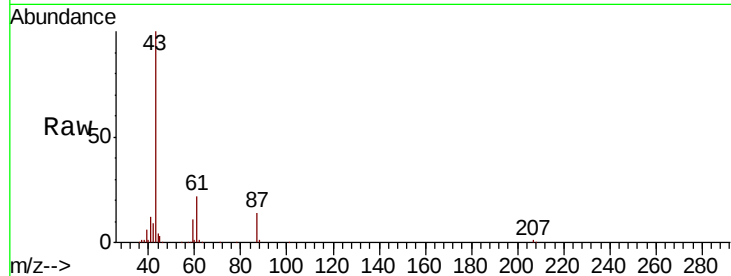


#43

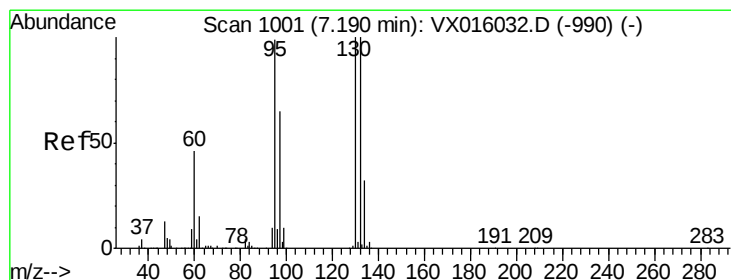
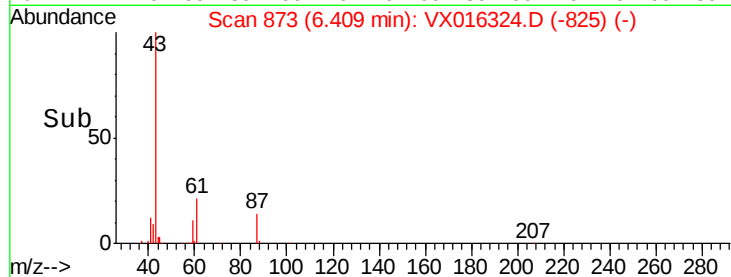
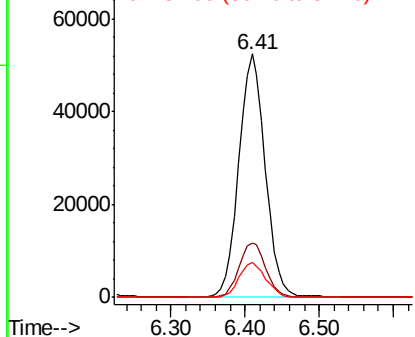
Isopropyl Acetate
 Concen: 17.775 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion	43	Resp	130054
Ion Ratio	Lower	Upper	
43	100		
61	22.7	17.0	25.4
87	14.6	11.0	16.6



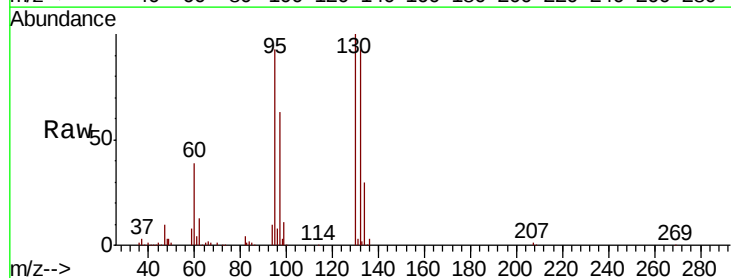
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



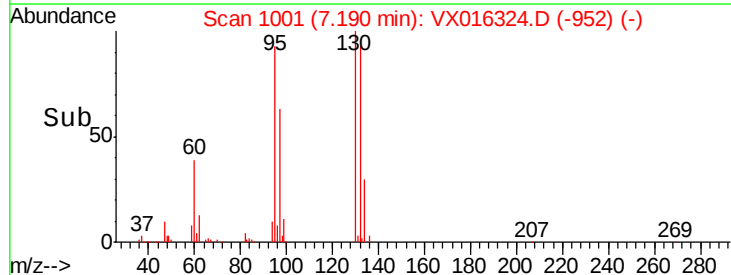
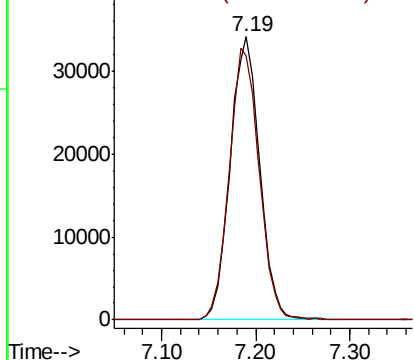
#44

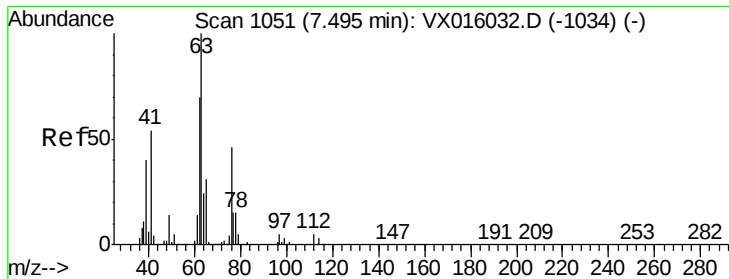
Trichloroethene
 Concen: 18.065 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	130	Resp	74294
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.501 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

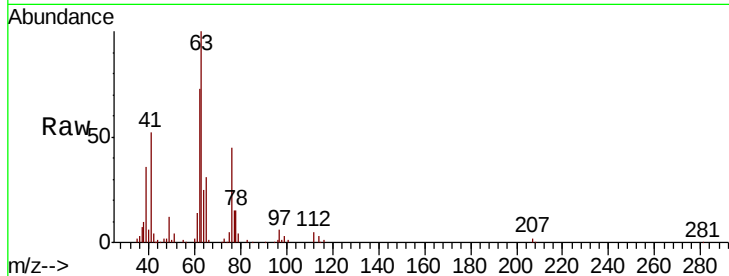
VX0519WBS01

Tot Ion: 63 Resp: 57122

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

30000

25000

20000

15000

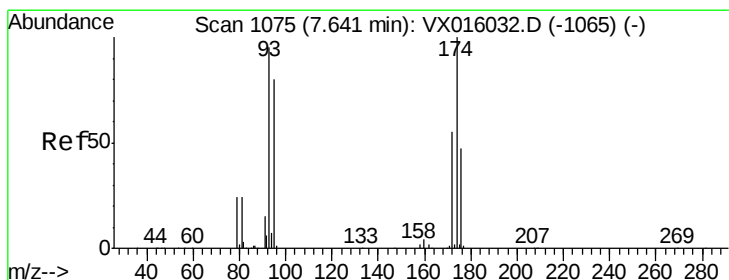
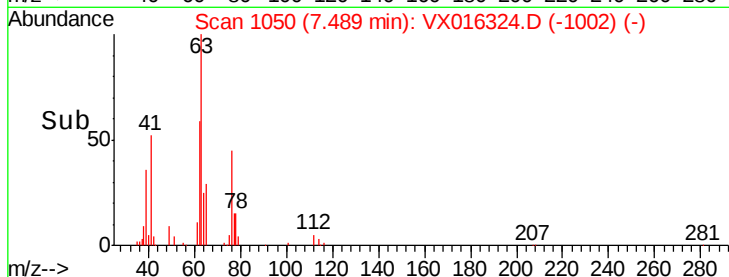
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 19.119 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

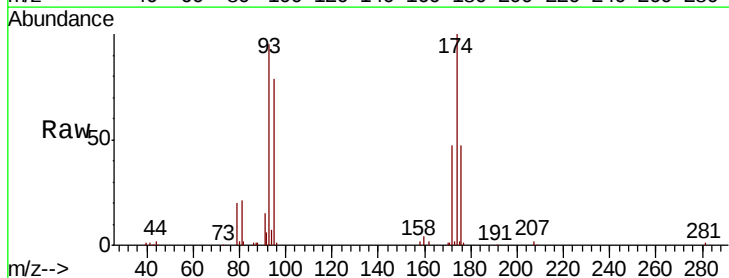
Tgt Ion: 93 Resp: 38059

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 106.5 84.2 126.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

15000

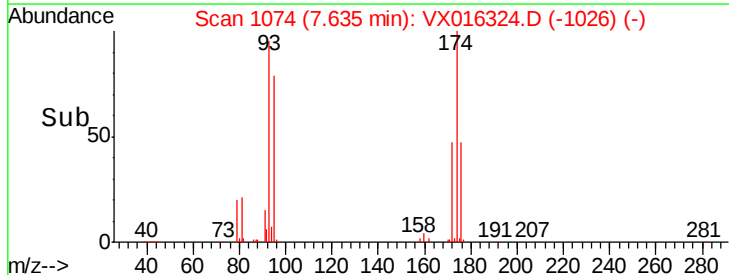
10000

5000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 19.496 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

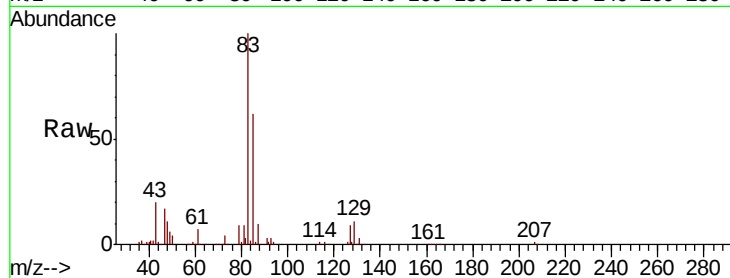
Tot Ion: 83 Resp: 79041

Ion Ratio Lower Upper

83 100

85 61.7 50.5 75.7

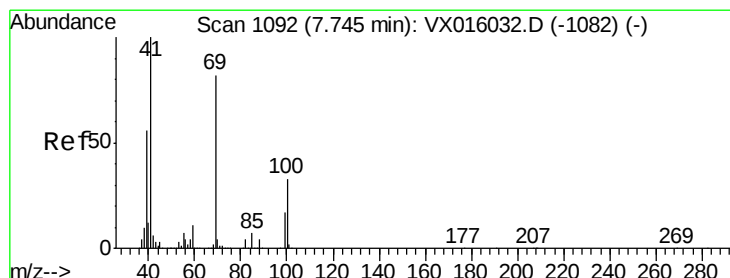
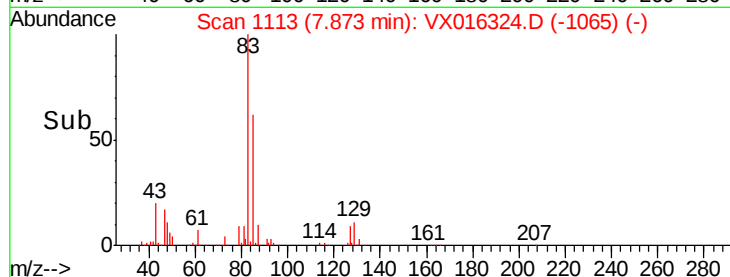
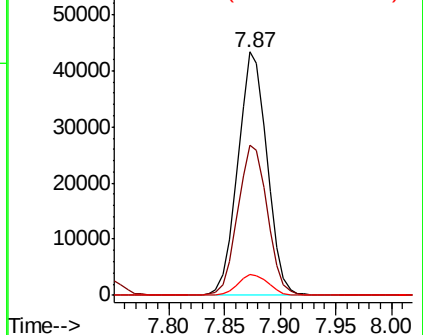
127 8.7 6.7 10.1



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: 17.156 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

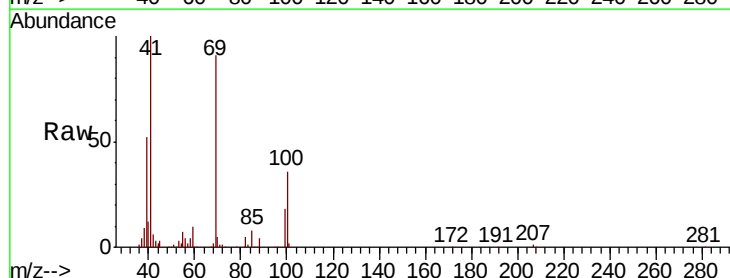
Tgt Ion: 41 Resp: 59477

Ion Ratio Lower Upper

41 100

69 93.9 67.8 101.6

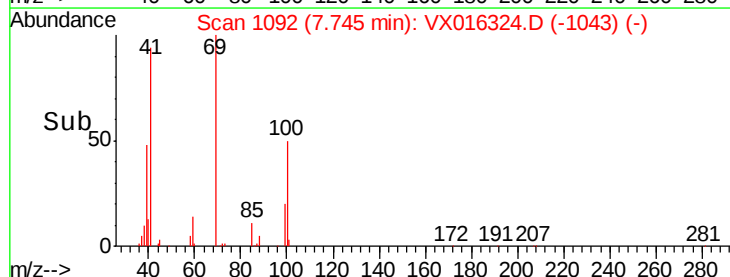
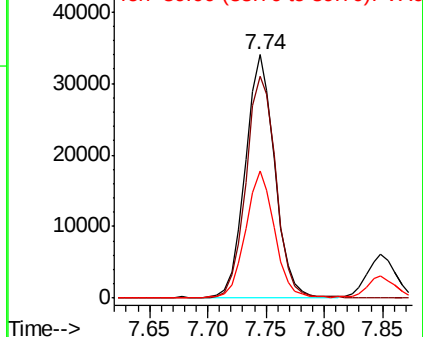
39 52.0 44.6 67.0

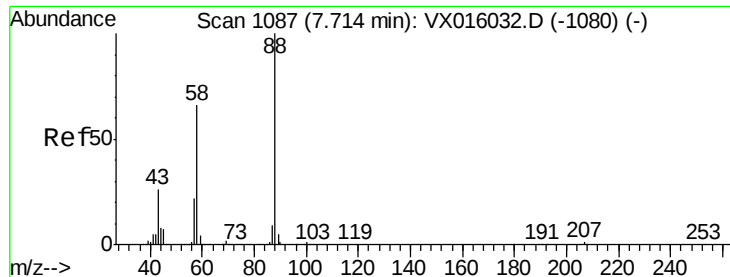


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 350.795 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

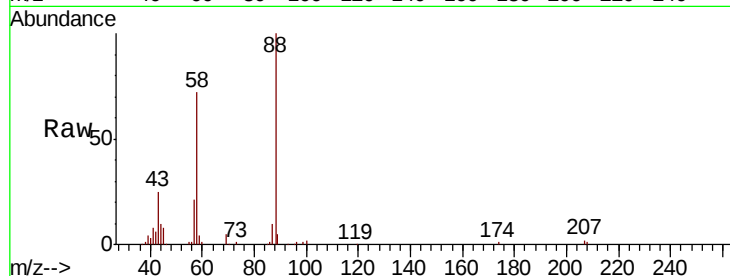
Tot Ion: 88 Resp: 29168

Ion Ratio Lower Upper

88 100

43 29.3 25.3 37.9

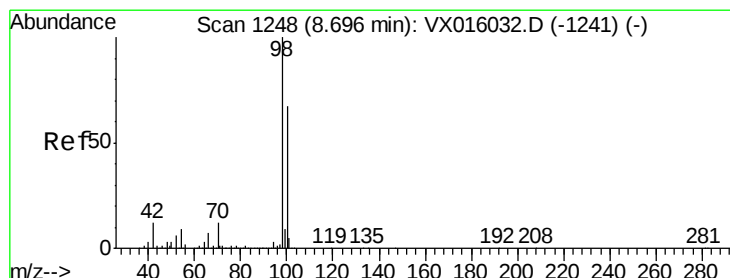
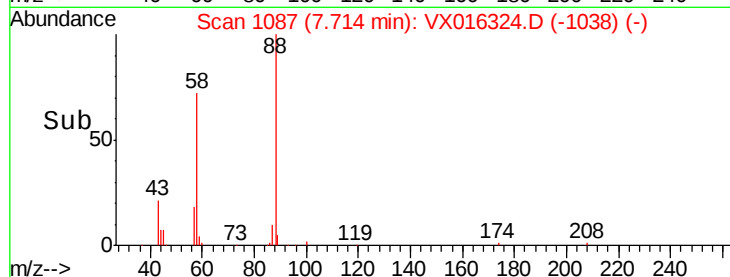
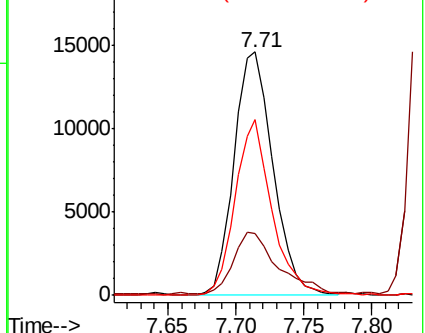
58 68.2 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.102 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016324.D

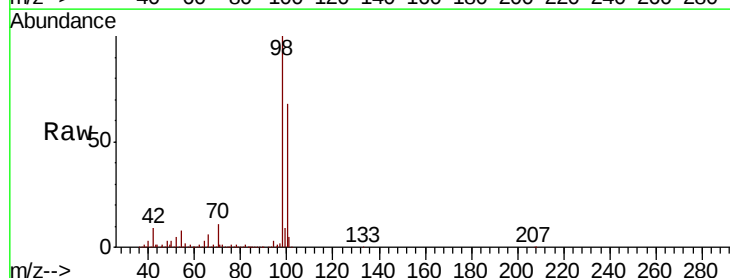
Acq: 19 May 2020 11:06

Tgt Ion: 98 Resp: 462144

Ion Ratio Lower Upper

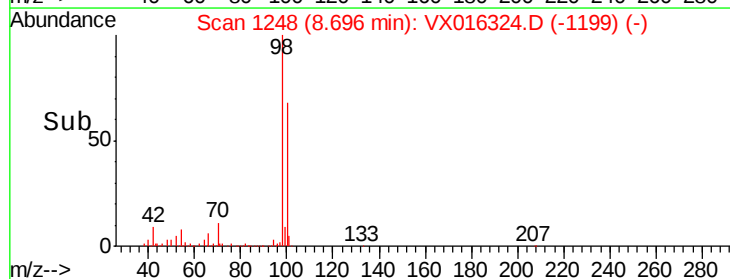
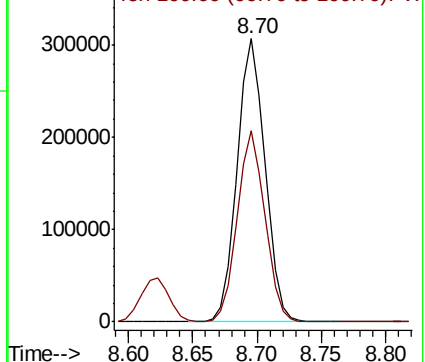
98 100

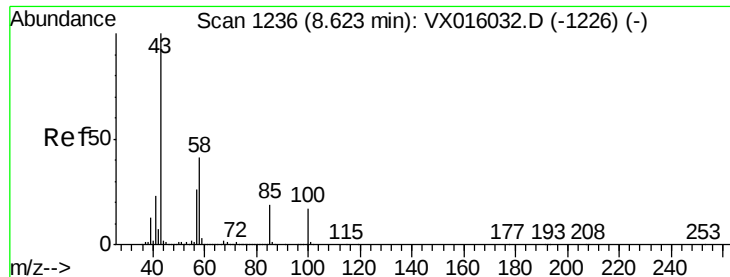
100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 90.255 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

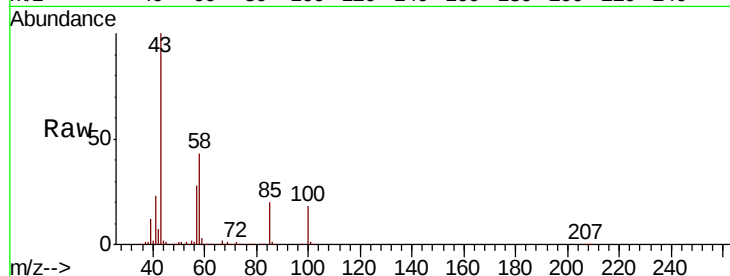
VX0519WBS01

Tot Ion: 43 Resp: 404099

Ion Ratio Lower Upper

43 100

58 43.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

150000

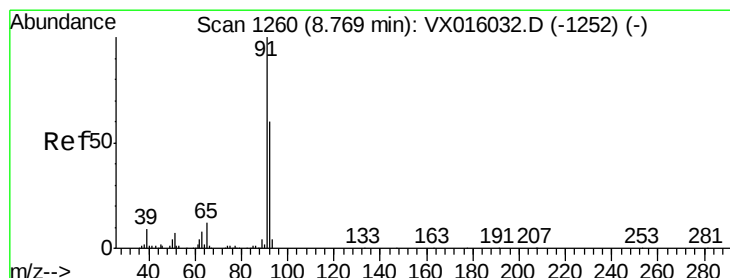
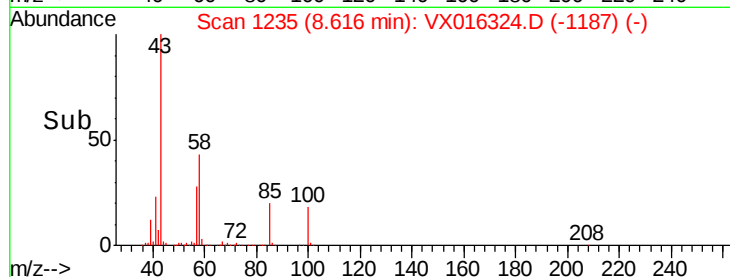
100000

50000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.910 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016324.D

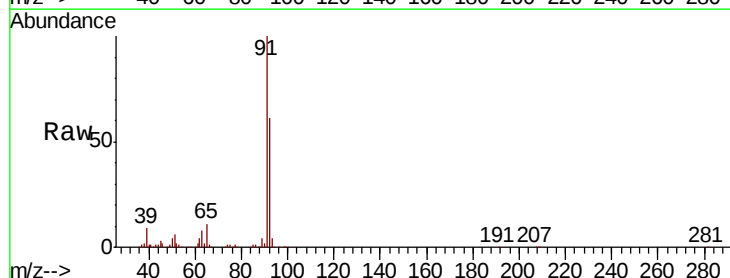
Acq: 19 May 2020 11:06

Tgt Ion: 92 Resp: 143665

Ion Ratio Lower Upper

92 100

91 165.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

150000

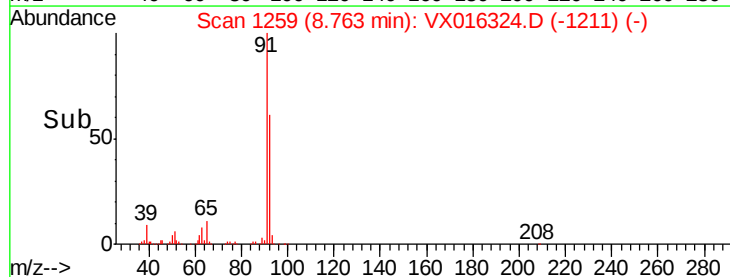
100000

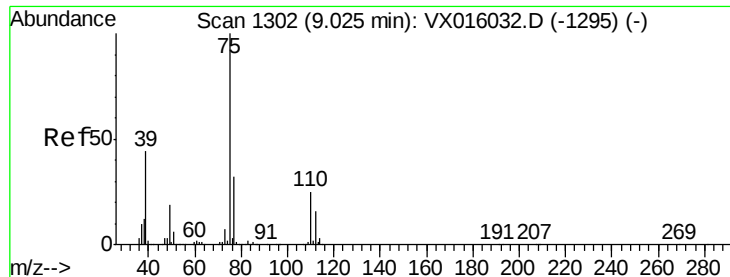
50000

0

Time-->

8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 18.615 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

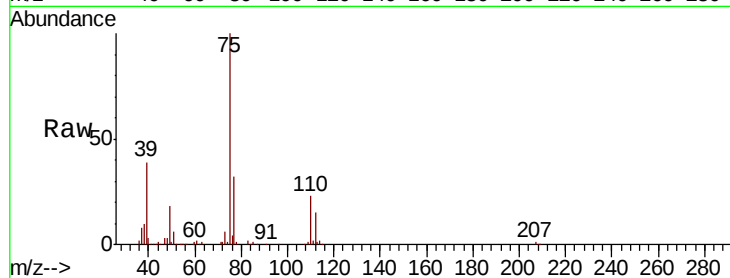
VX0519WBS01

Tot Ion: 75 Resp: 89981

Ion Ratio Lower Upper

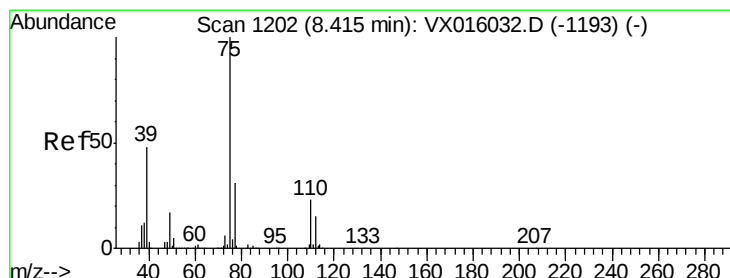
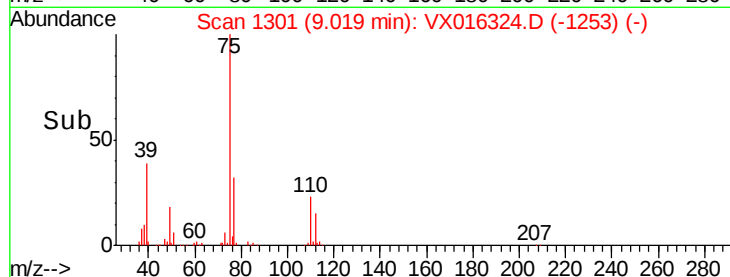
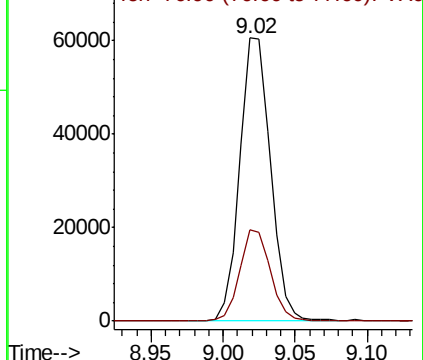
75 100

77 32.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.164 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

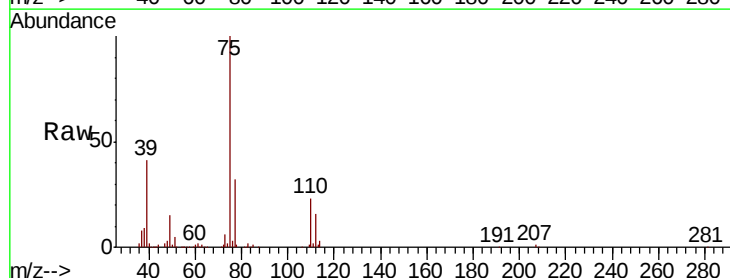
Tgt Ion: 75 Resp: 96758

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

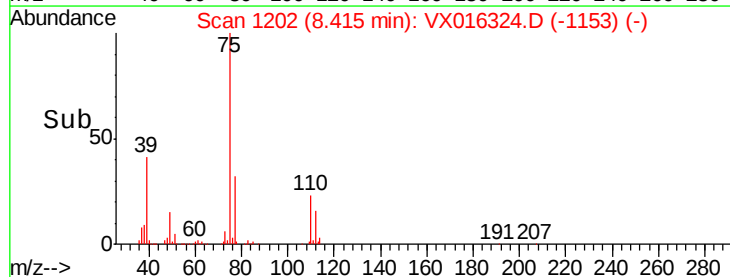
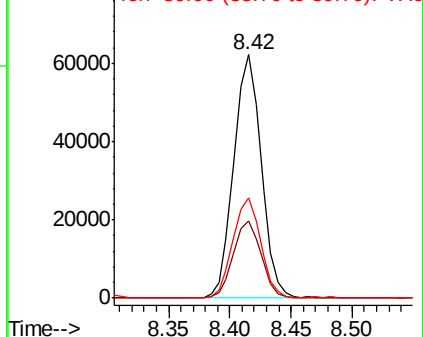
39 41.1 38.7 58.1

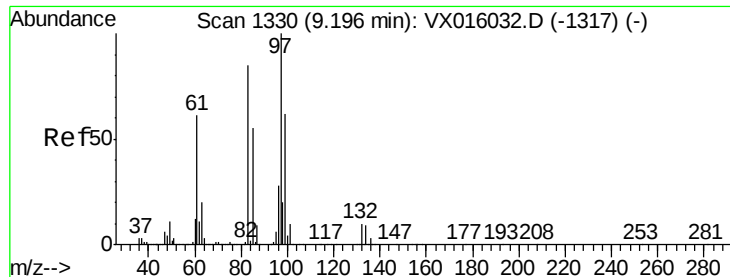


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

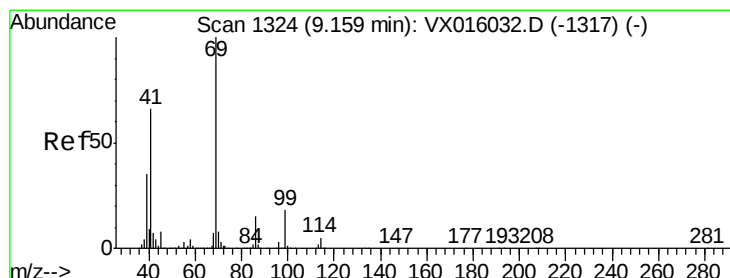
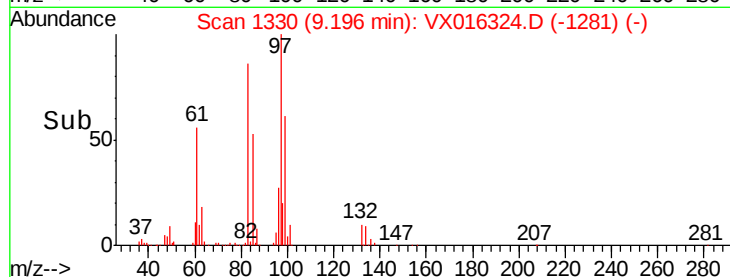
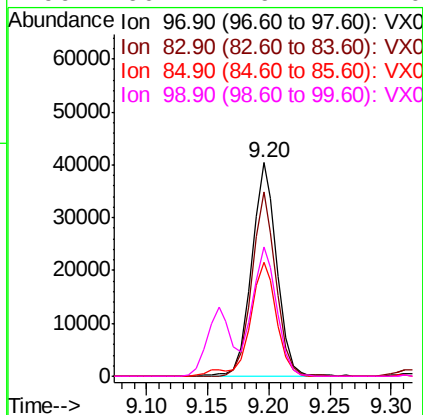
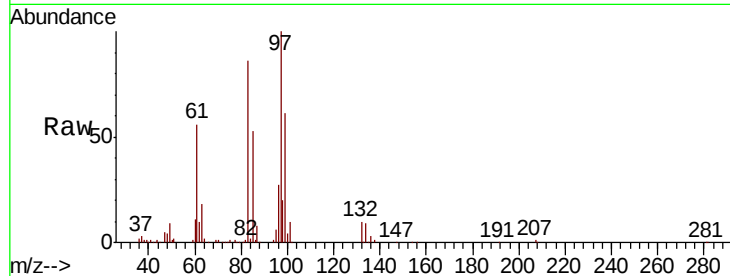




#55
 1,1,2-Trichloroethane
 Concen: 20.361 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

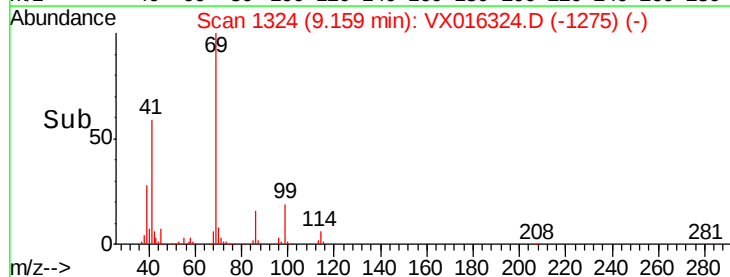
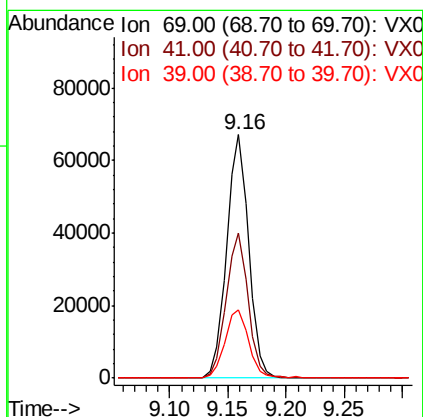
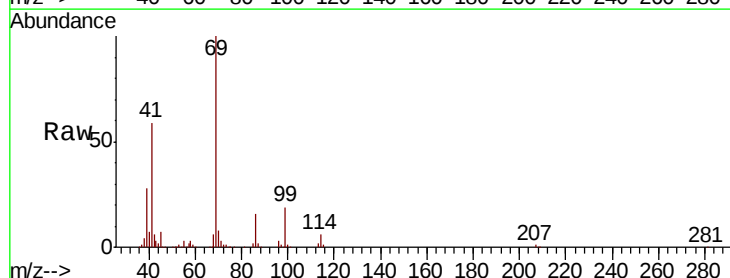
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

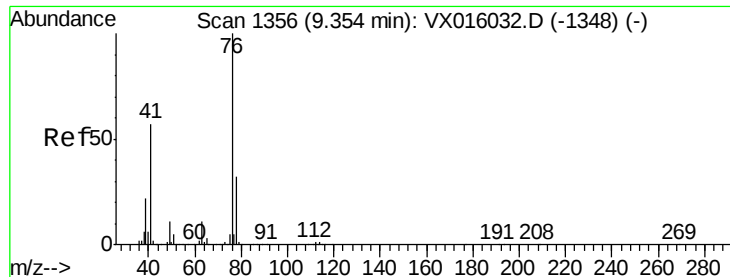
Tot Ion:	97	Resp:	57804
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.8
85	53.2	43.8	65.8
99	60.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.007 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion:	69	Resp:	88080
Ion	Ratio	Lower	Upper
69	100		
41	59.2	52.2	78.4
39	30.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.518 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

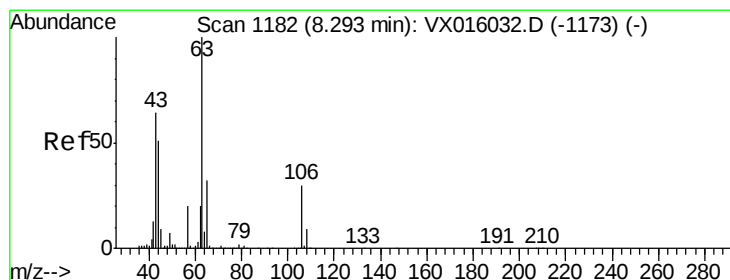
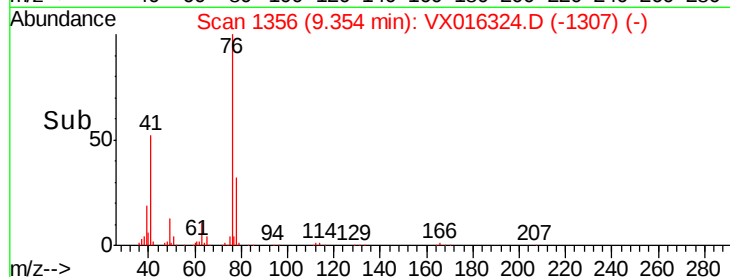
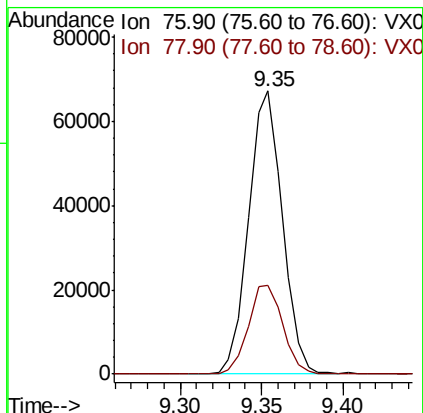
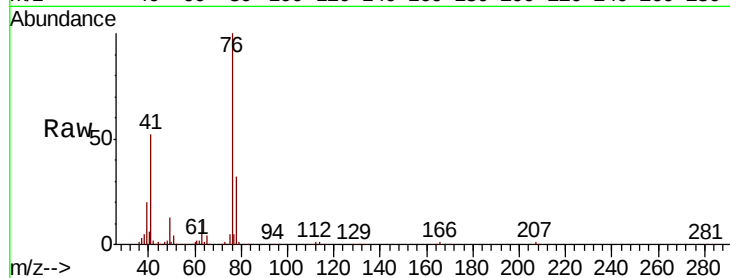
VX0519WBS01

Tot Ion: 76 Resp: 96687

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.962 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016324.D

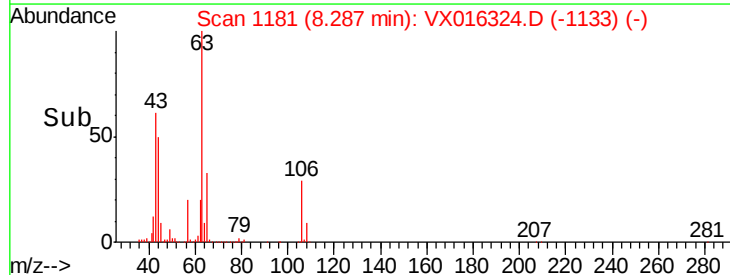
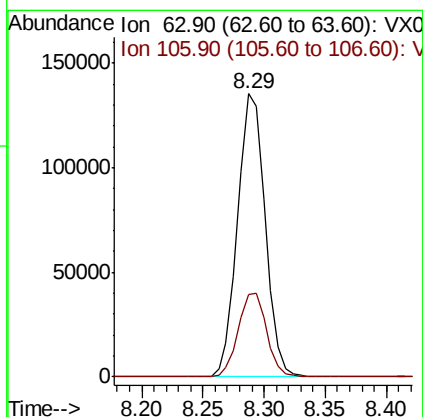
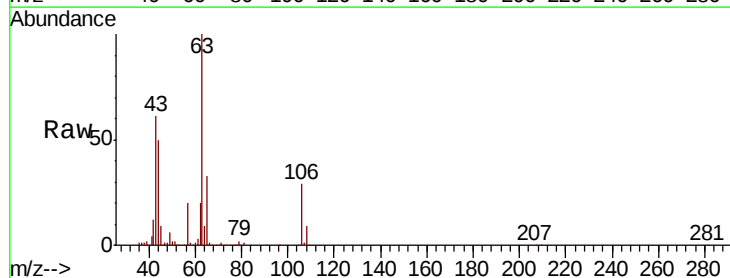
Acq: 19 May 2020 11:06

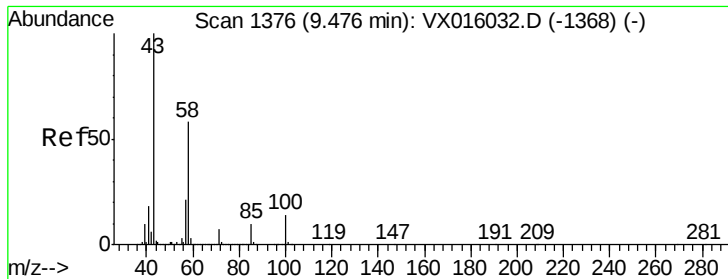
Tgt Ion: 63 Resp: 212072

Ion Ratio Lower Upper

63 100

106 30.4 23.4 35.2

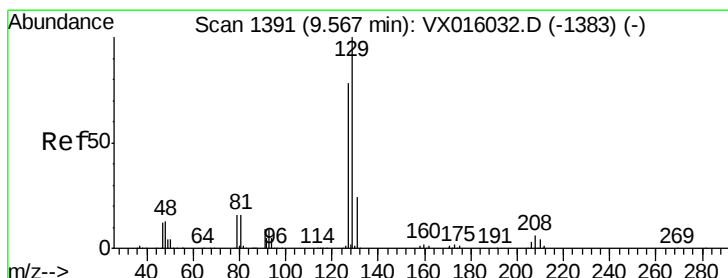
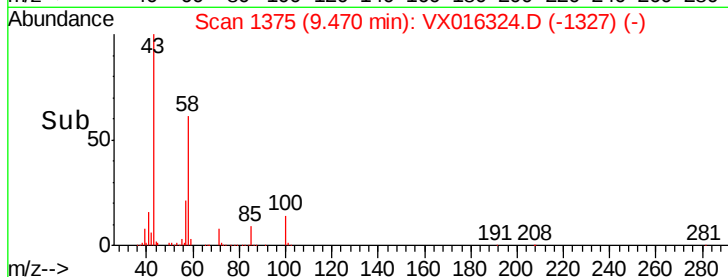
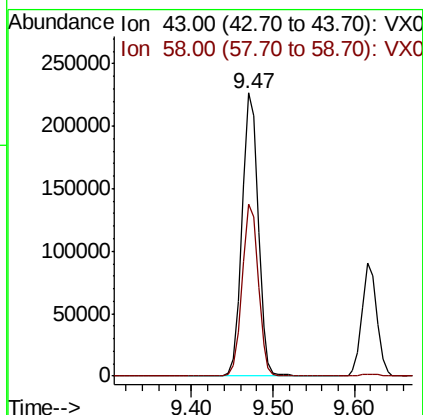
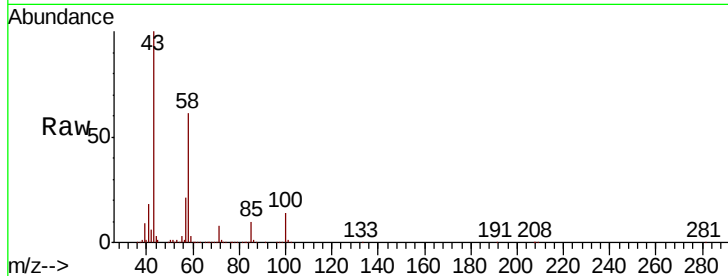




#59
2-Hexanone
Concen: 87.329 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

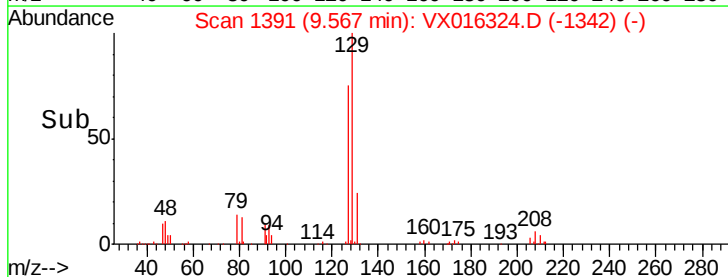
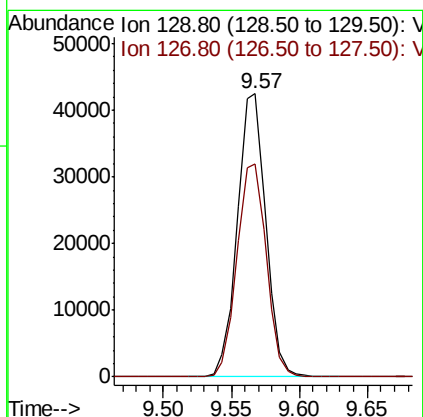
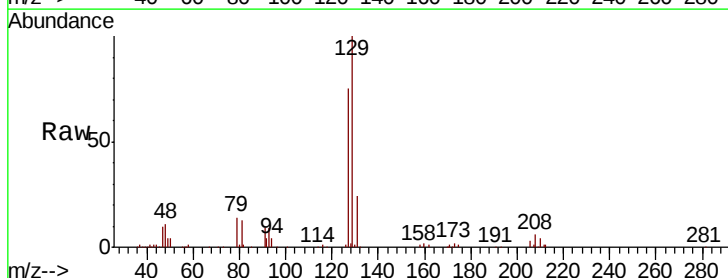
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

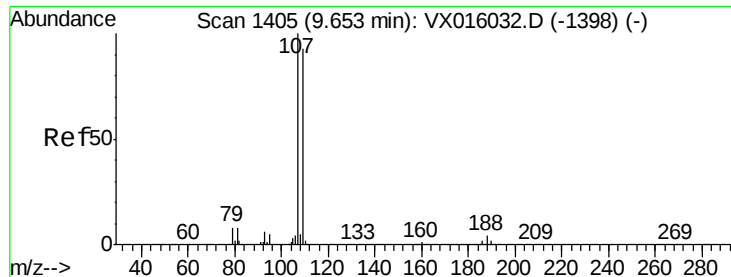
Tot Ion: 43 Resp: 307058
Ion Ratio Lower Upper
43 100
58 60.7 28.6 85.9



#60
Dibromochloromethane
Concen: 19.787 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 129 Resp: 61866
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.393 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

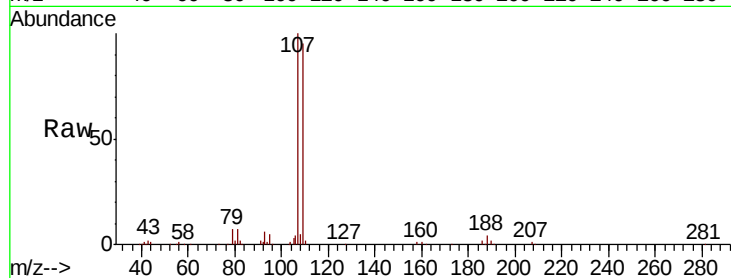
VX0519WBS01

Tot Ion:107 Resp: 59634

Ion Ratio Lower Upper

107 100

109 93.2 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

40000

30000

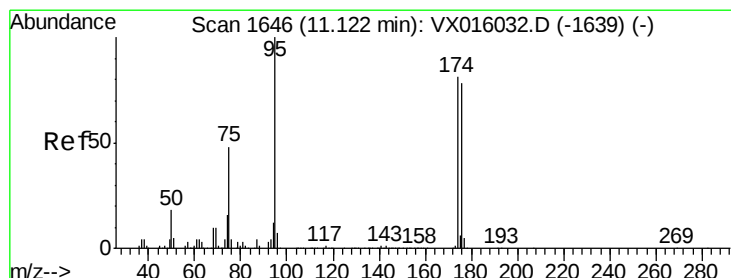
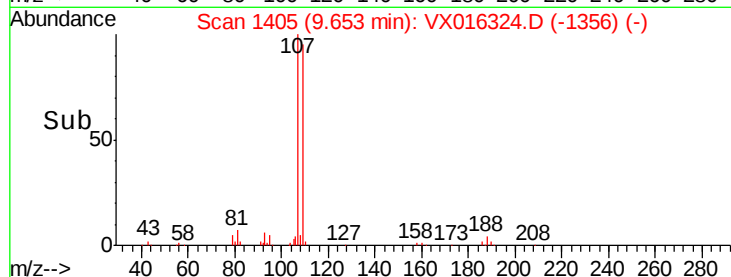
20000

10000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.880 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

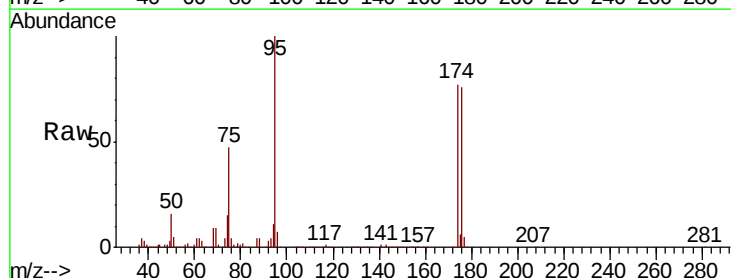
Tgt Ion: 95 Resp: 174947

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.4

176 77.5 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

200000

150000

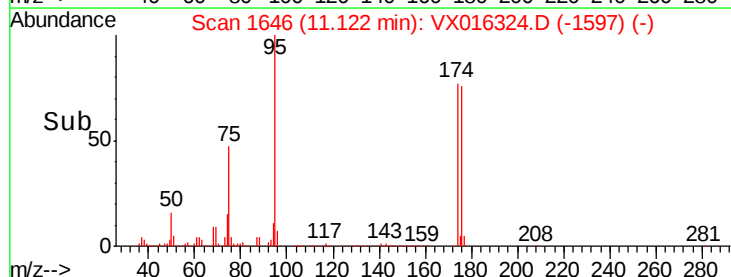
100000

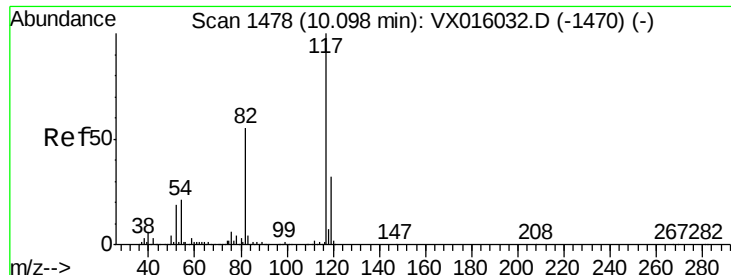
50000

0

11.10 11.12 11.20

Time-->

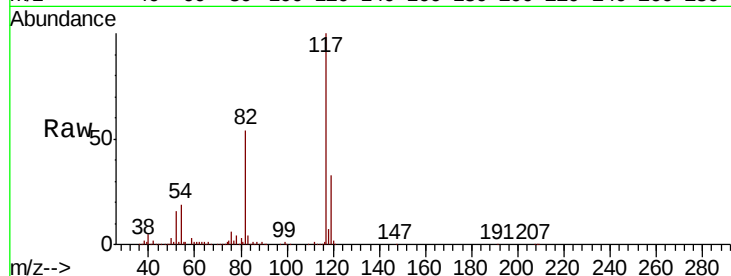




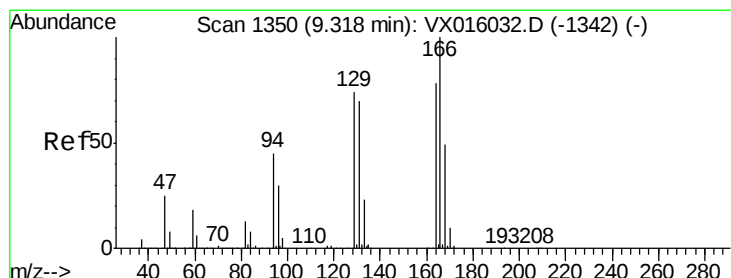
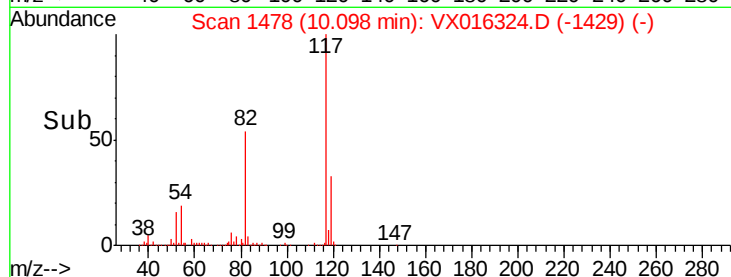
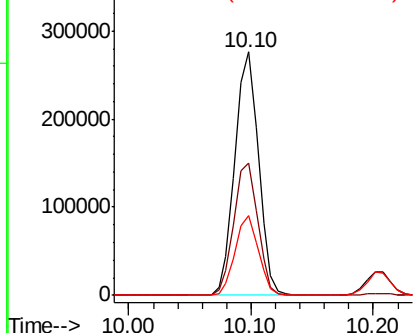
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion:117 Resp: 369209
Ion Ratio Lower Upper
117 100
82 54.3 44.4 66.6
119 32.8 25.5 38.3



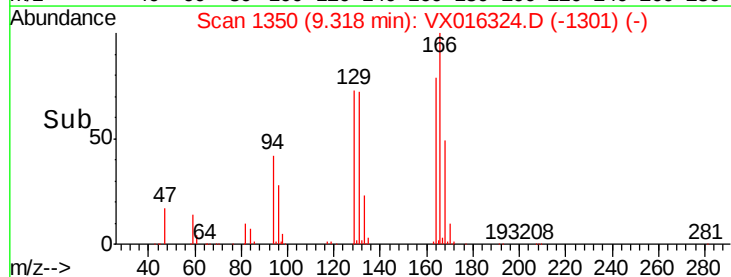
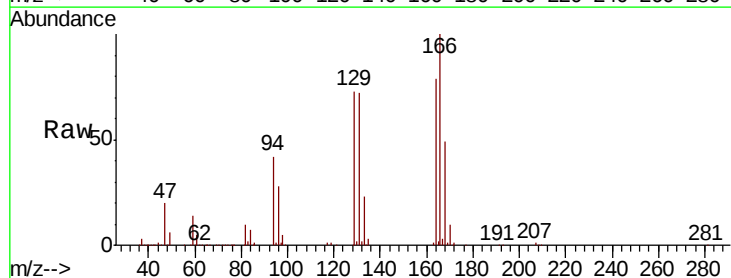
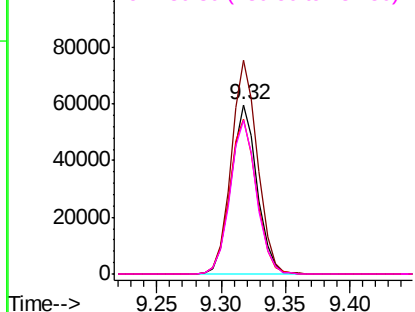
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

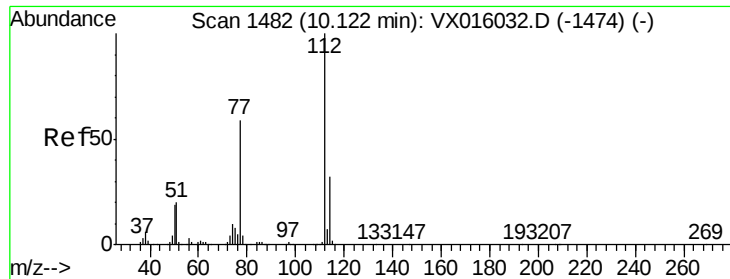


#64
Tetrachloroethene
Concen: 18.589 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:164 Resp: 84254
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 91.8 76.1 114.1
131 90.6 71.9 107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

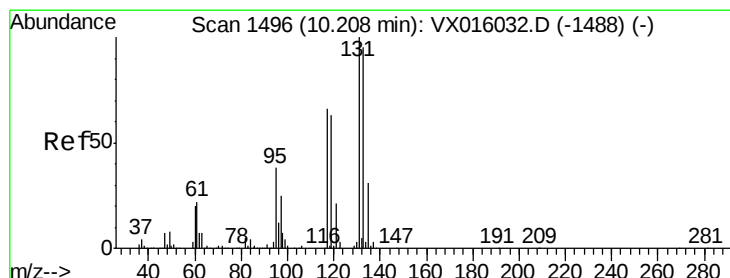
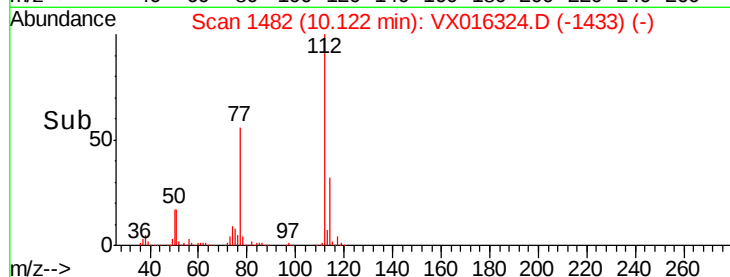
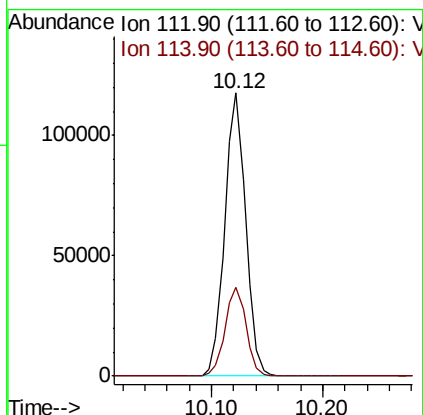
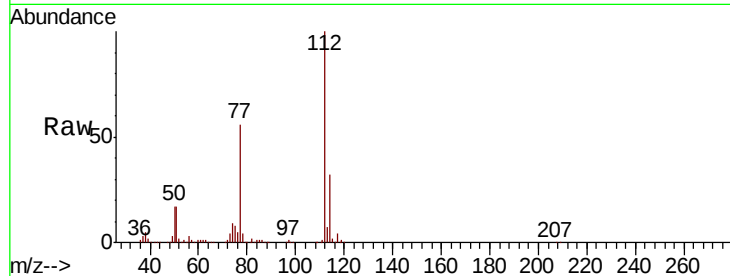




#65
Chlorobenzene
Concen: 19.800 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

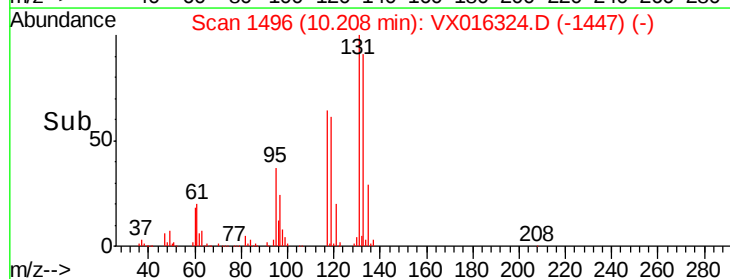
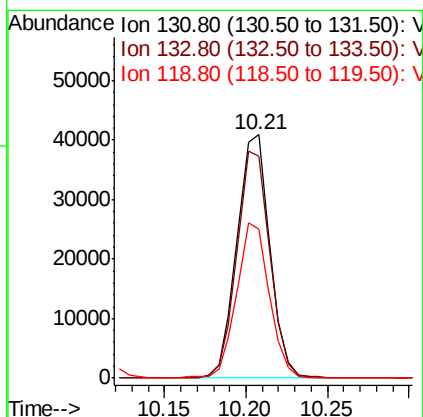
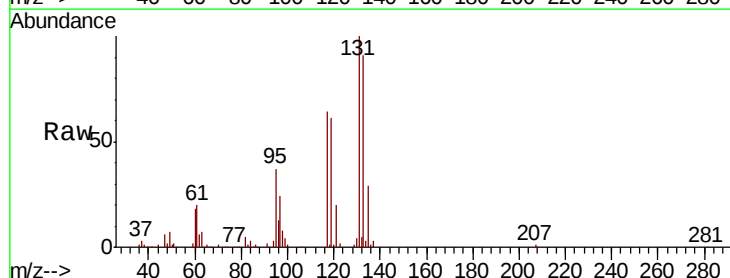
Instrument :
MSVOA_X
ClientSampled :
VX0519WBS01

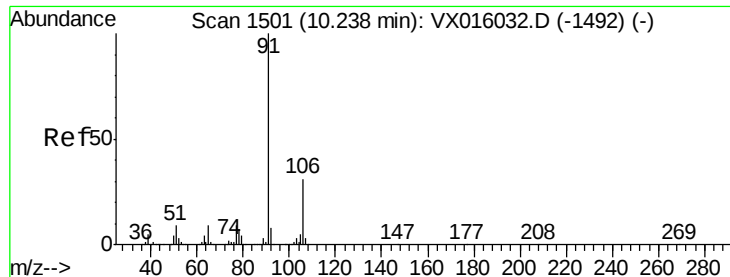
Tot Ion:112 Resp: 153070
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.183 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:131 Resp: 57671
Ion Ratio Lower Upper
131 100
133 93.5 48.3 144.8
119 63.3 32.3 96.9





#67

Ethyl Benzene

Concen: 19.441 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

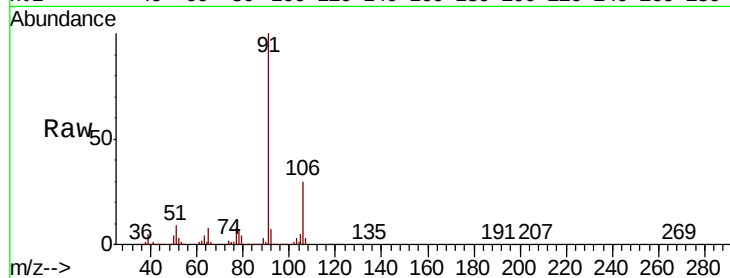
VX0519WBS01

Tot Ion: 91 Resp: 268166

Ion Ratio Lower Upper

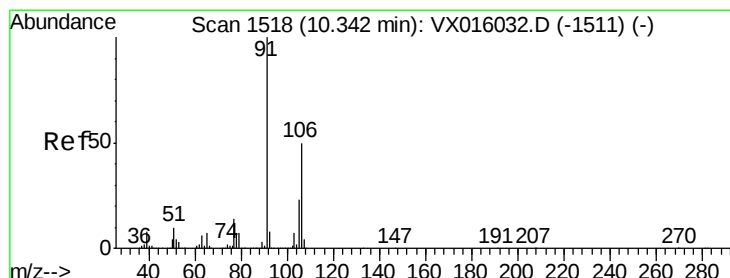
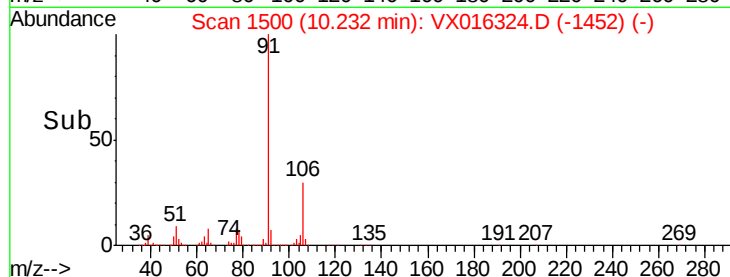
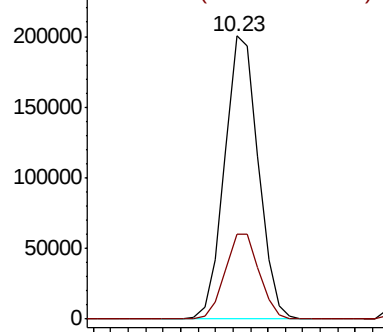
91 100

106 30.2 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: 39.258 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016324.D

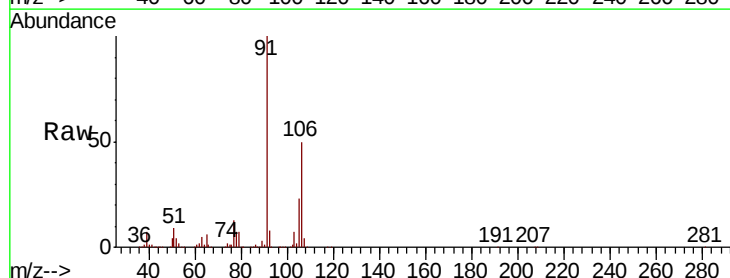
Acq: 19 May 2020 11:06

Tgt Ion:106 Resp: 202886

Ion Ratio Lower Upper

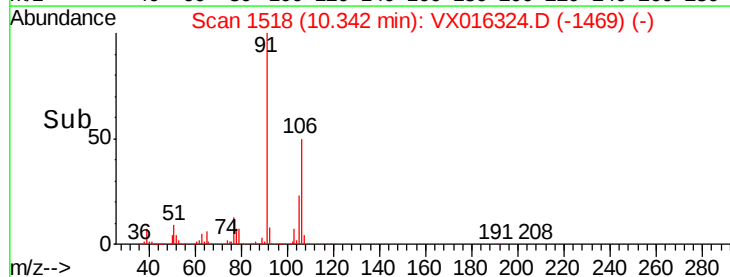
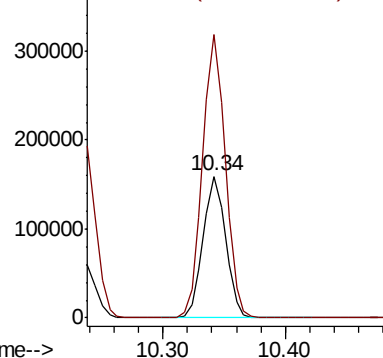
106 100

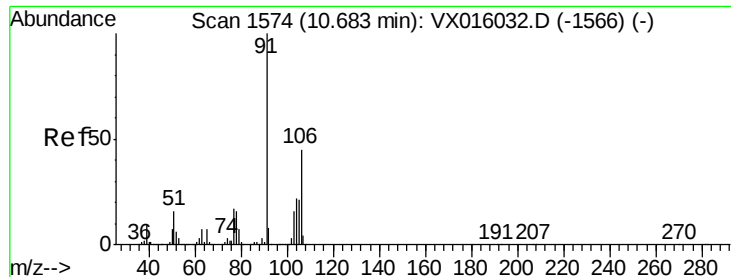
91 201.6 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

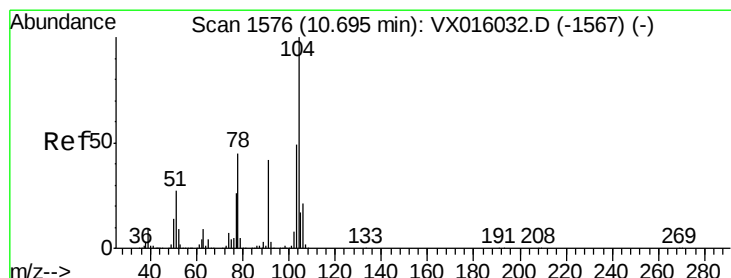
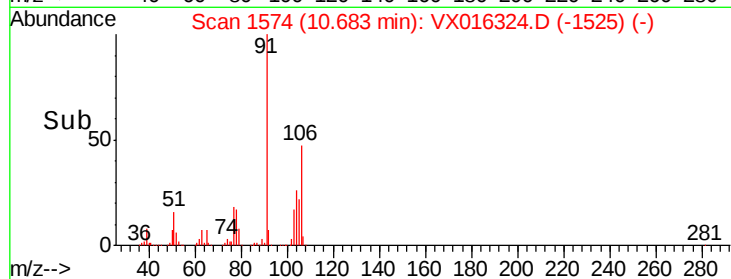
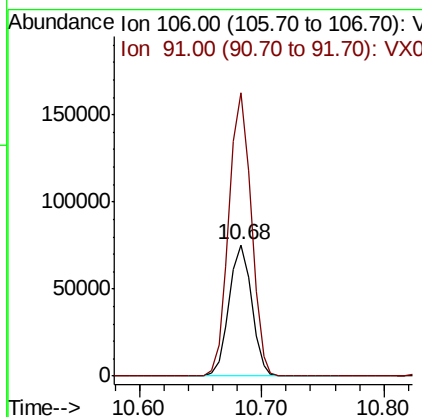
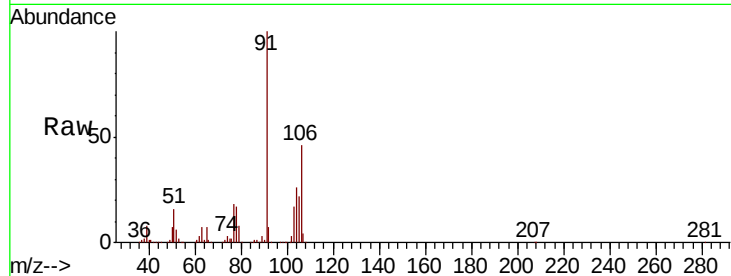




#69
o-Xylene
Concen: 19.351 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

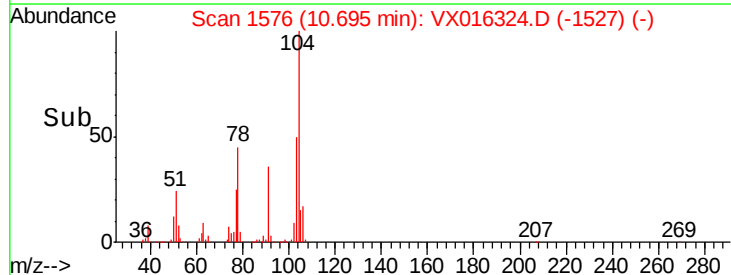
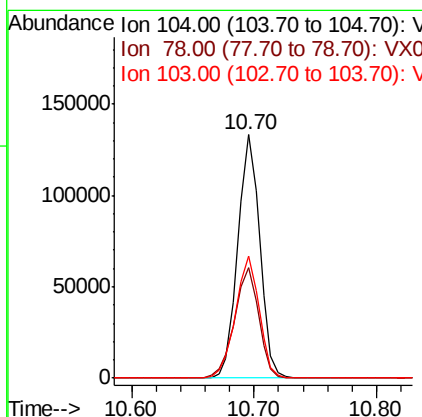
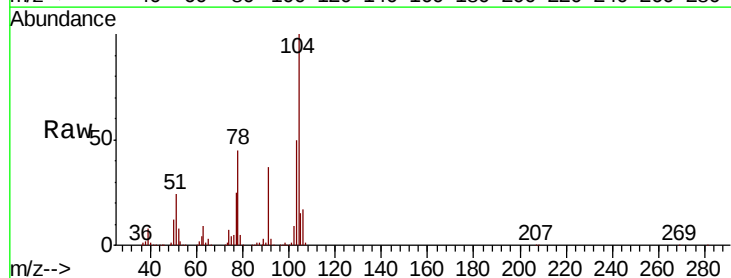
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

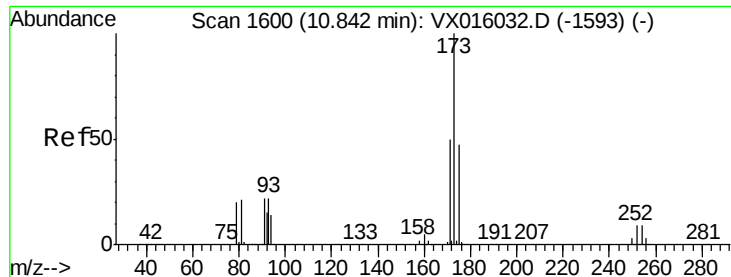
Tot Ion:106 Resp: 96130
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.6



#70
Styrene
Concen: 19.591 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:104 Resp: 165104
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 54.1 43.0 64.6





#71

Bromoform

Concen: 19.284 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

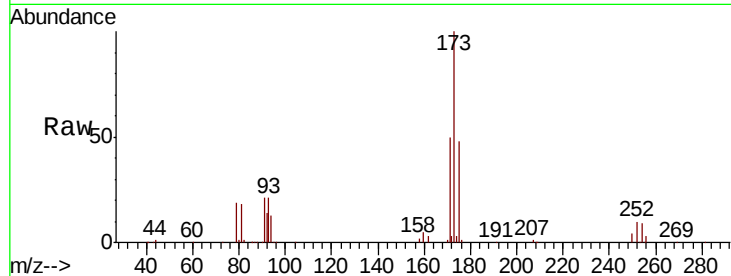
Tot Ion:173 Resp: 44892

Ion Ratio Lower Upper

173 100

175 49.6 24.0 72.0

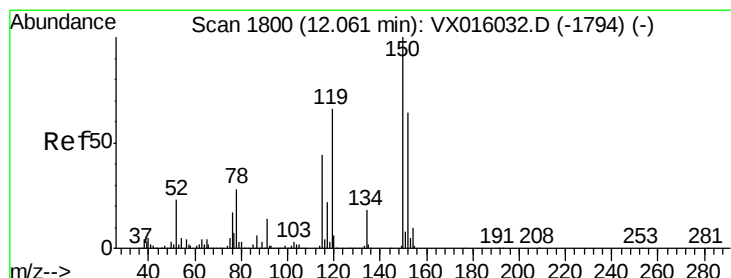
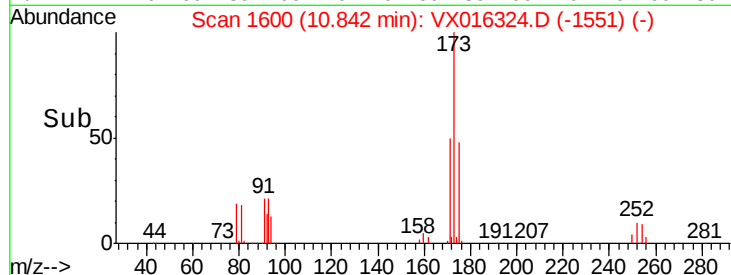
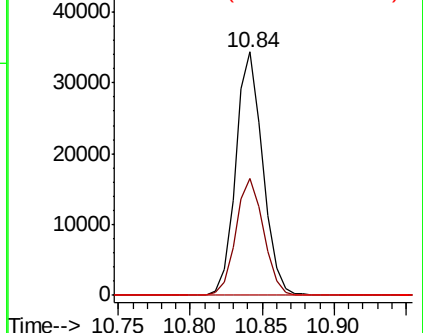
254 0.1 0.1 0.1#



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: VX016324.D

Acq: 19 May 2020 11:06

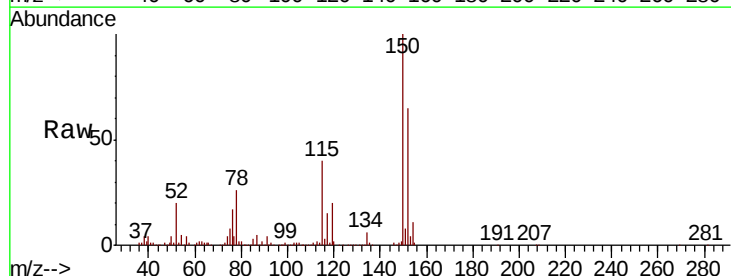
Tgt Ion:152 Resp: 182720

Ion Ratio Lower Upper

152 100

115 66.9 41.3 124.1

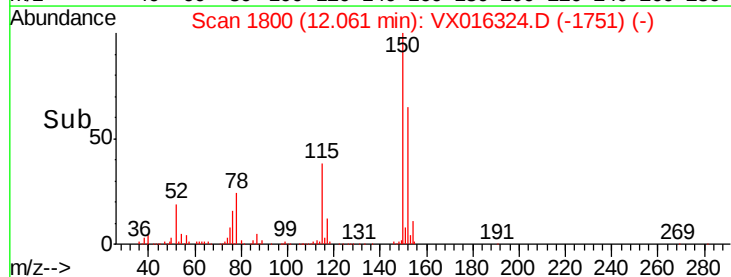
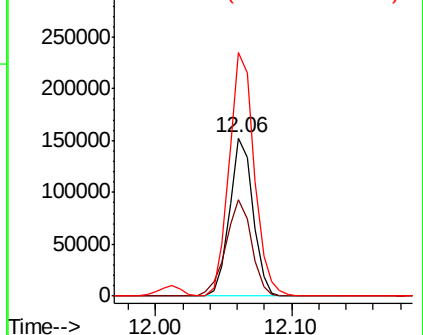
150 165.2 0.0 352.2

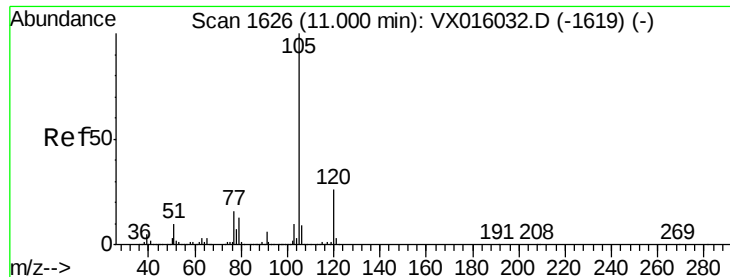


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.125 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

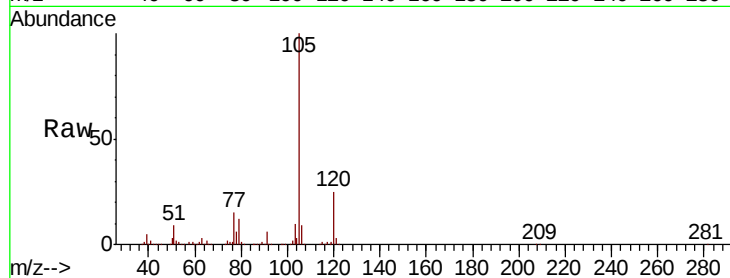
VX0519WBS01

Tot Ion: 105 Resp: 254168

Ion Ratio Lower Upper

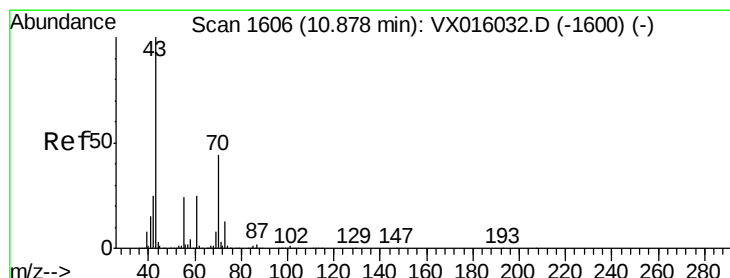
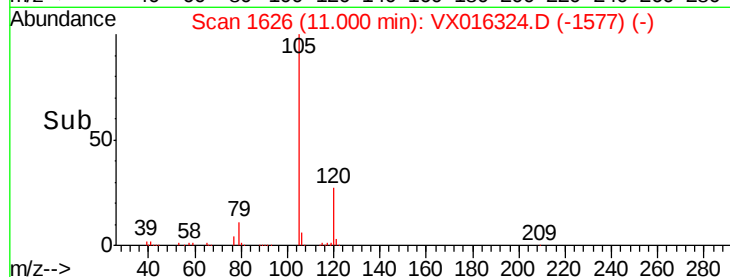
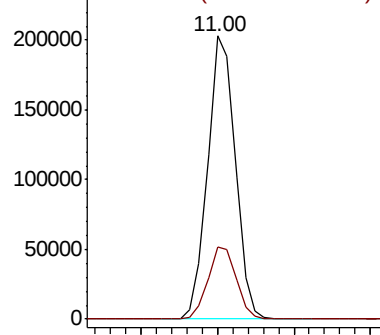
105 100

120 26.2 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: 17.616 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion: 43 Resp: 109204

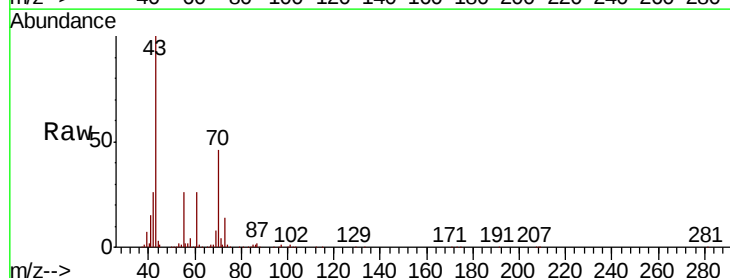
Ion Ratio Lower Upper

43 100

70 47.6 36.5 54.7

55 26.6 19.7 29.5

61 27.0 20.9 31.3

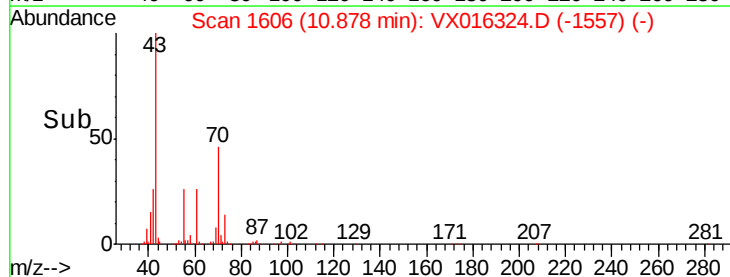
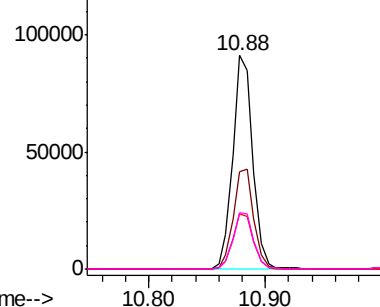


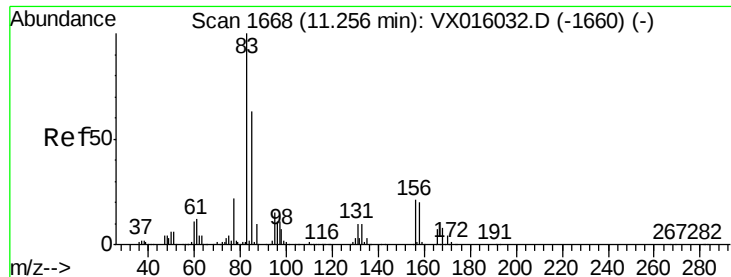
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.207 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

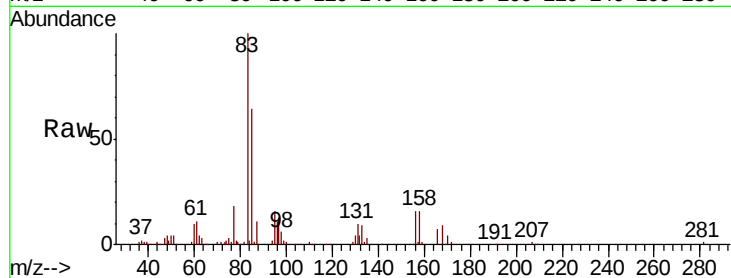
Tot Ion: 83 Resp: 57347

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

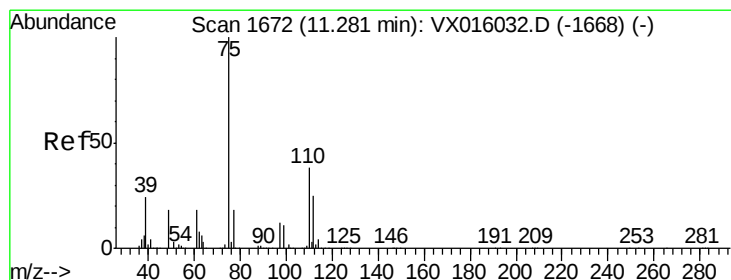
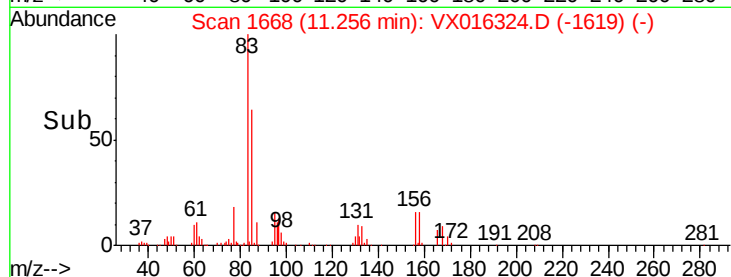
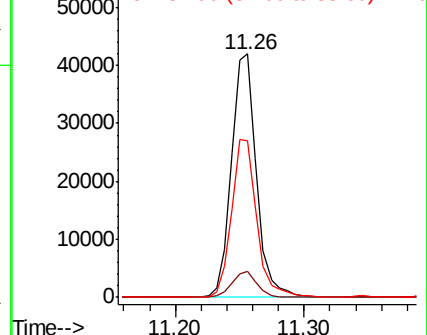
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.105 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016324.D

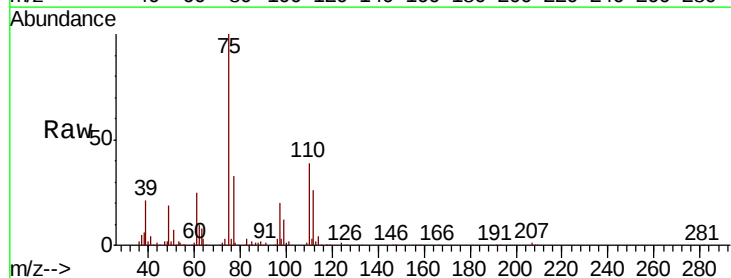
Acq: 19 May 2020 11:06

Tgt Ion: 75 Resp: 104093

Ion Ratio Lower Upper

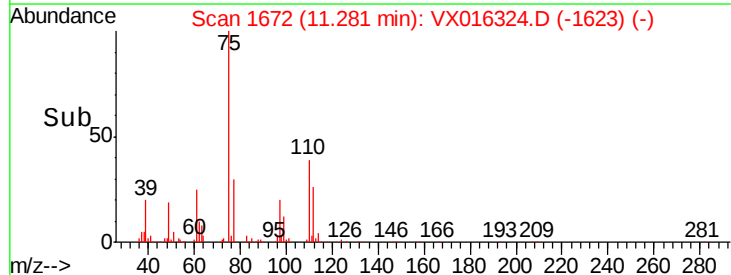
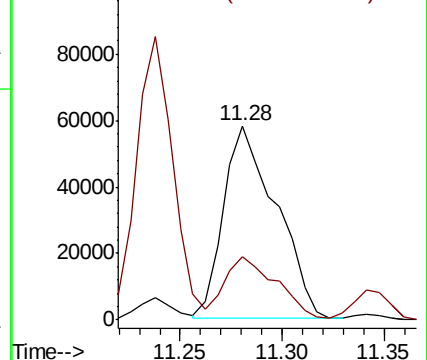
75 100

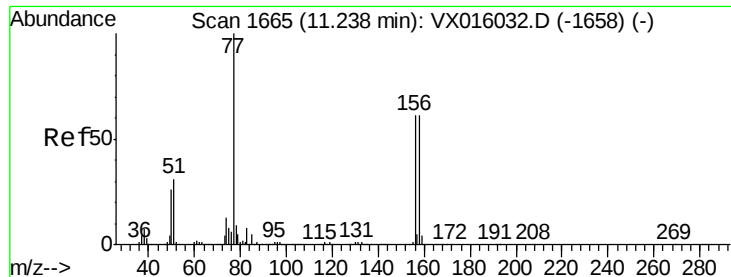
77 32.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

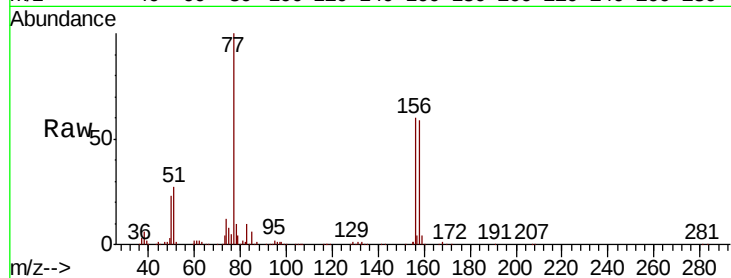
Tot Ion:156 Resp: 65309

Ion Ratio Lower Upper

156 100

77 162.8 80.1 240.3

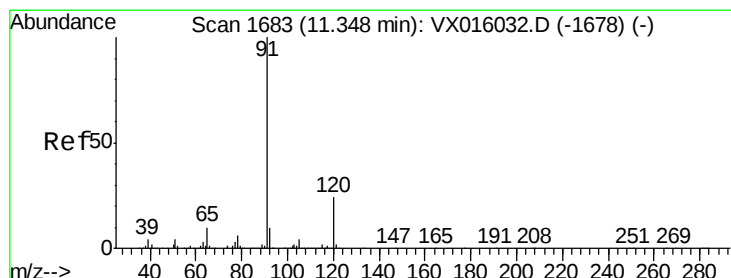
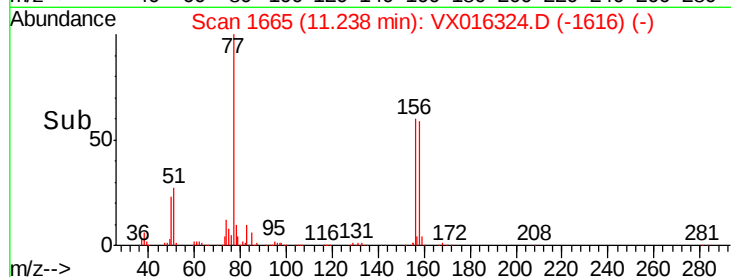
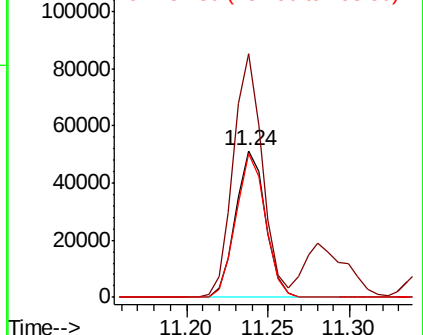
158 96.9 49.4 148.2



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: 18.188 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016324.D

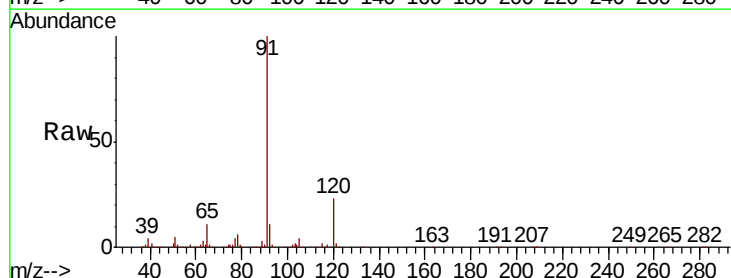
Acq: 19 May 2020 11:06

Tgt Ion: 91 Resp: 281205

Ion Ratio Lower Upper

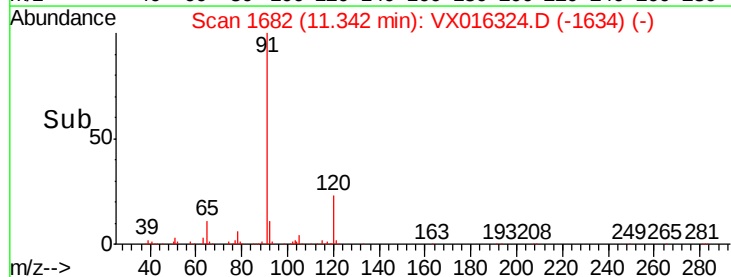
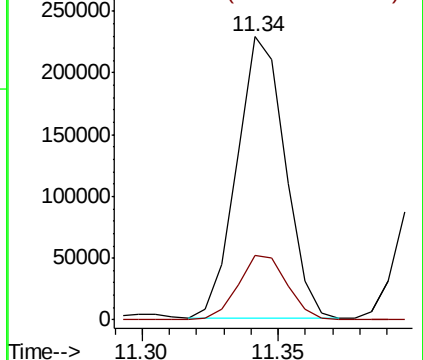
91 100

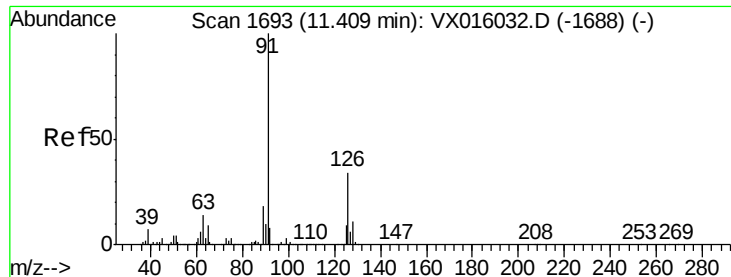
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

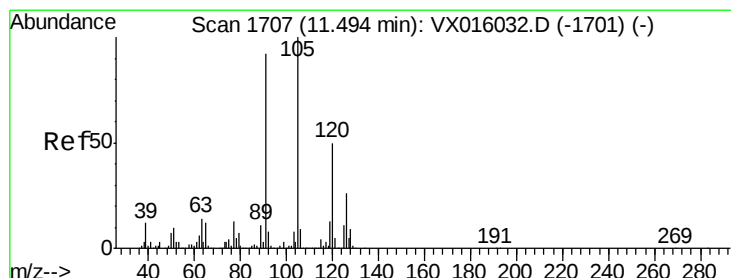
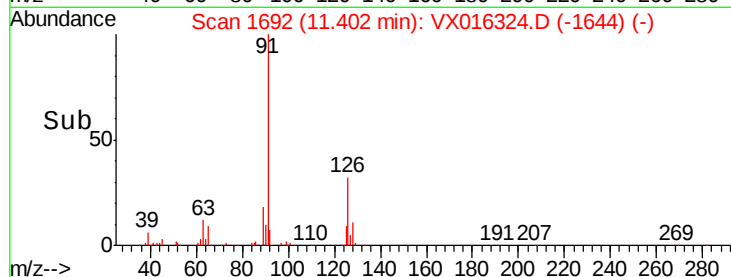
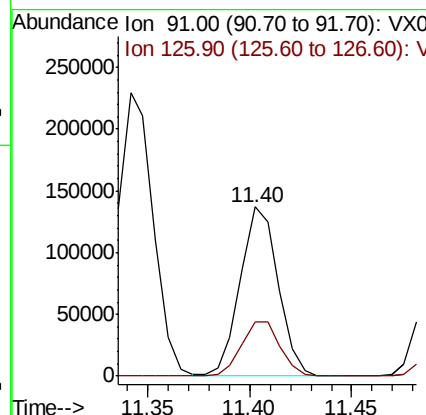
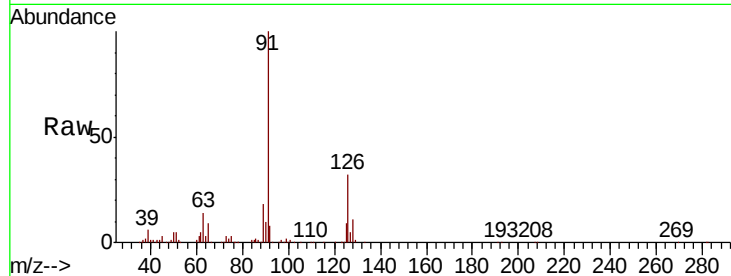




#79
 2-Chlorotoluene
 Concen: 19.249 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

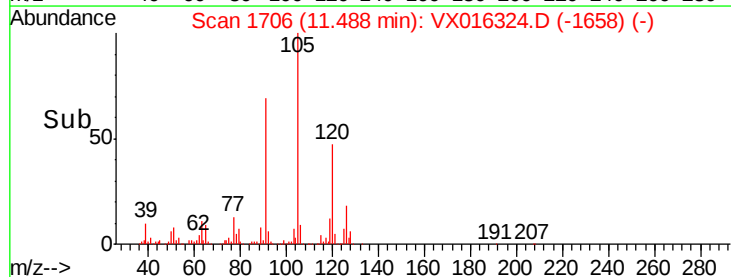
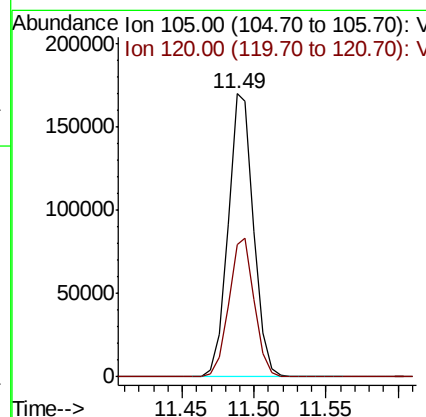
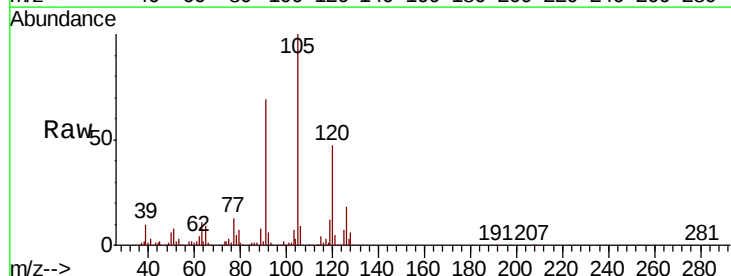
Instrument :
 MSVOA_X
 ClientSampled :
 VX0519WBS01

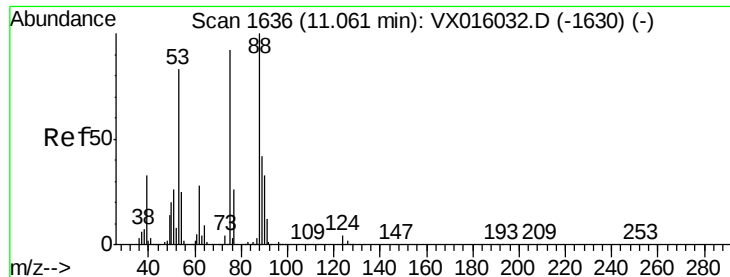
Tot Ion: 91 Resp: 175668
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.853 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion: 105 Resp: 211556
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.999 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

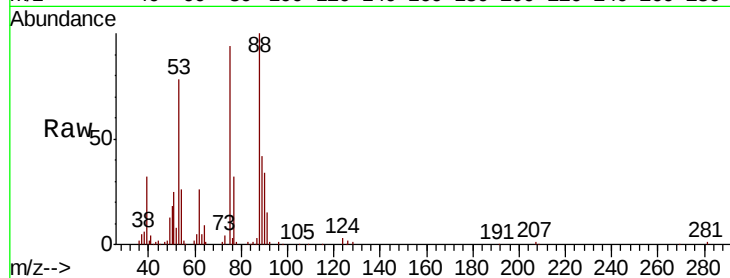
Tot Ion: 75 Resp: 31317

Ion Ratio Lower Upper

75 100

53 87.5 73.1 109.7

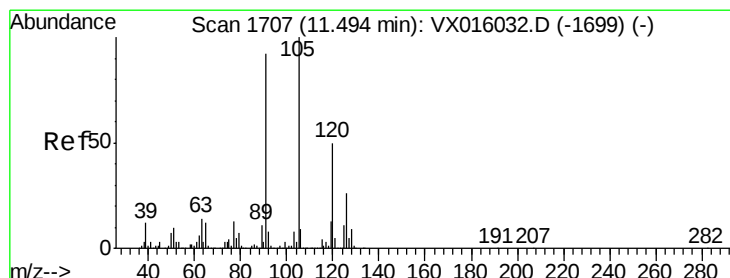
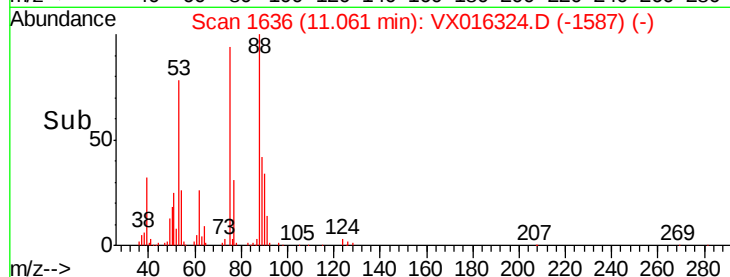
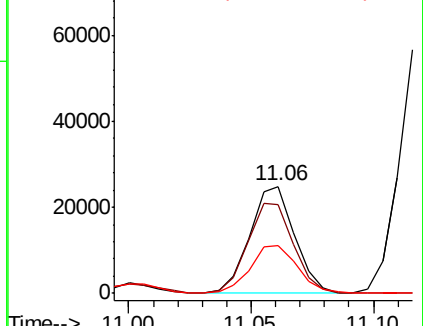
89 48.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.099 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016324.D

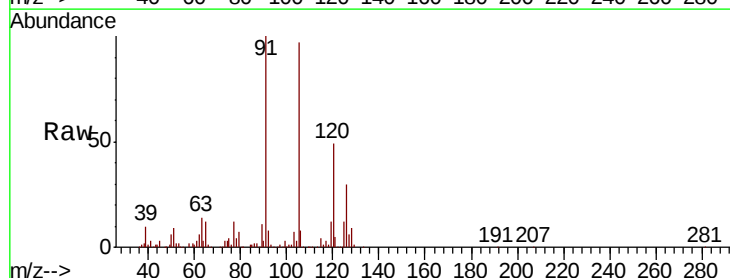
Acq: 19 May 2020 11:06

Tgt Ion: 91 Resp: 205832

Ion Ratio Lower Upper

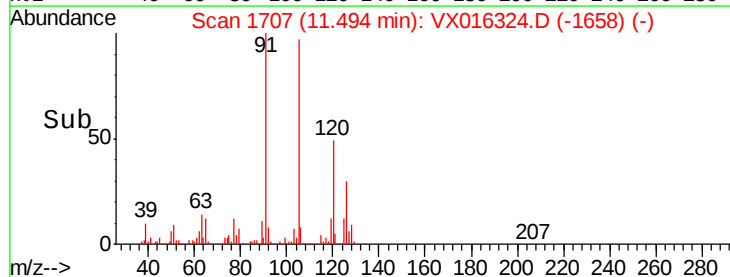
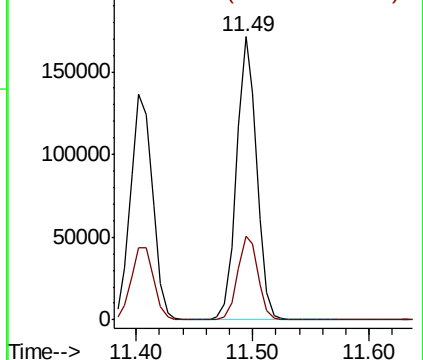
91 100

126 30.1 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

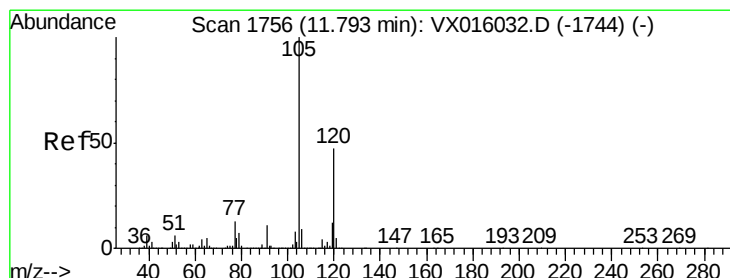
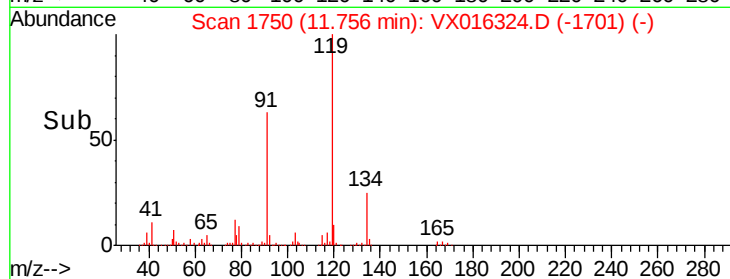
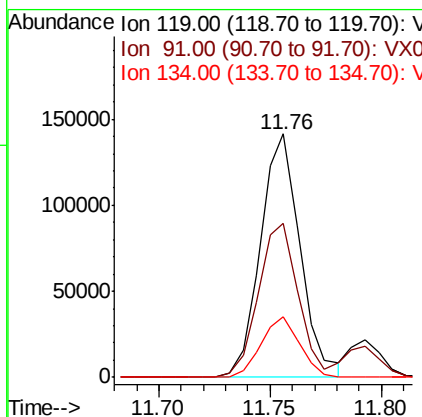
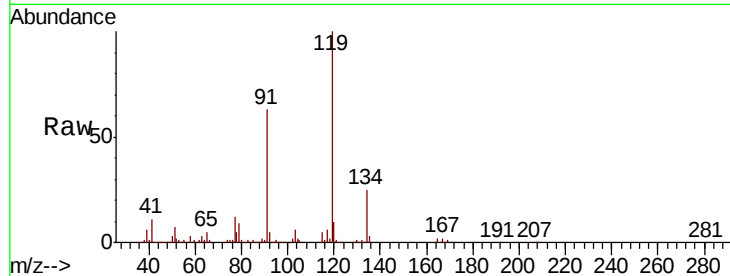




#83
tert-Butylbenzene
Concen: 18.112 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

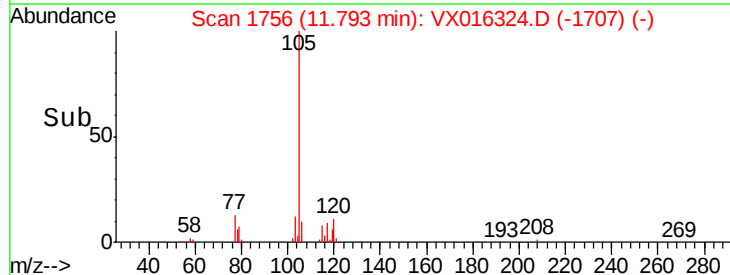
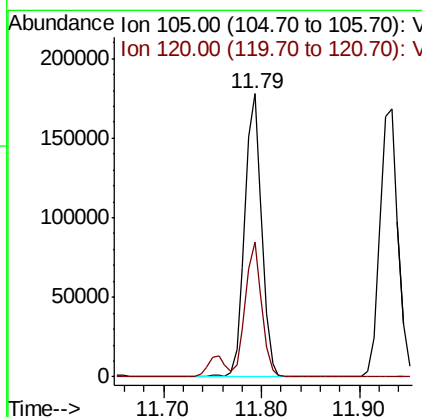
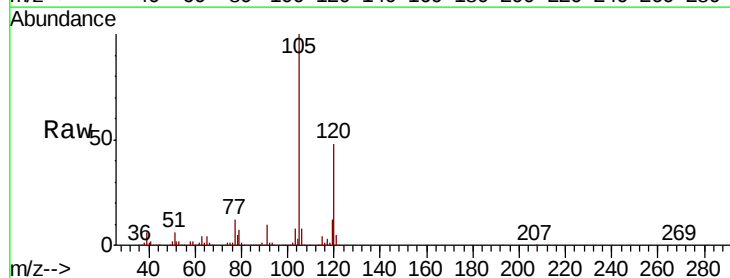
Instrument :
MSVOA_X
ClientSampled :
VX0519WBS01

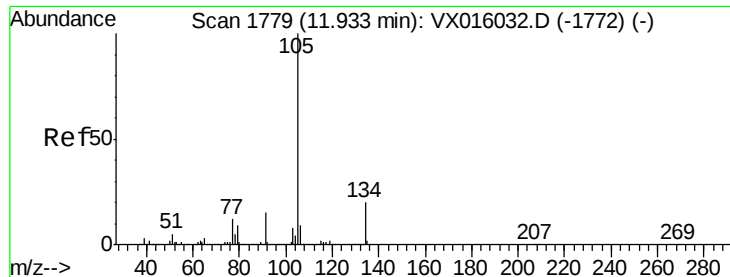
Tot Ion:119 Resp: 175152
Ion Ratio Lower Upper
119 100
91 63.3 32.8 98.4
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 18.846 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:105 Resp: 213804
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0

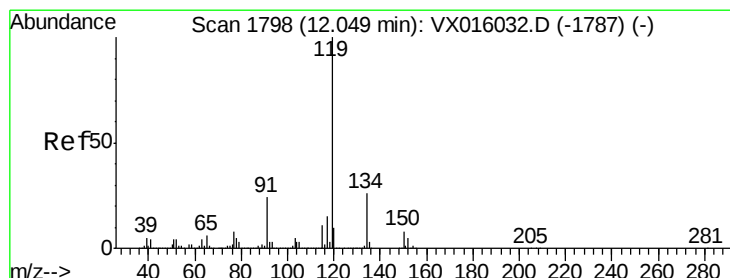
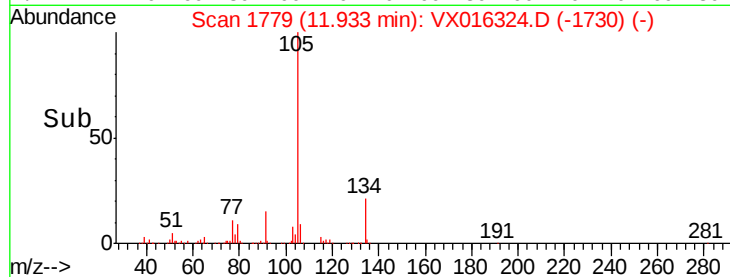
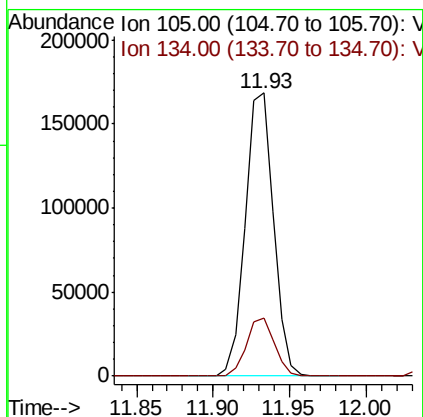
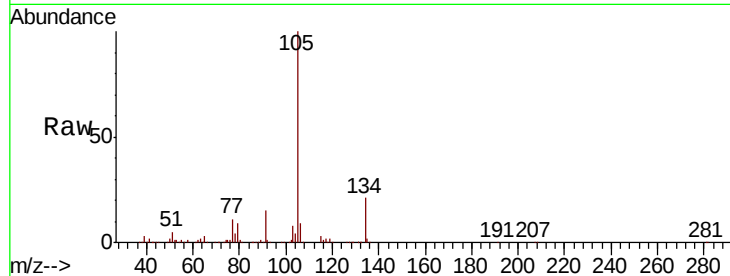




#85
 sec-Butylbenzene
 Concen: 16.484 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

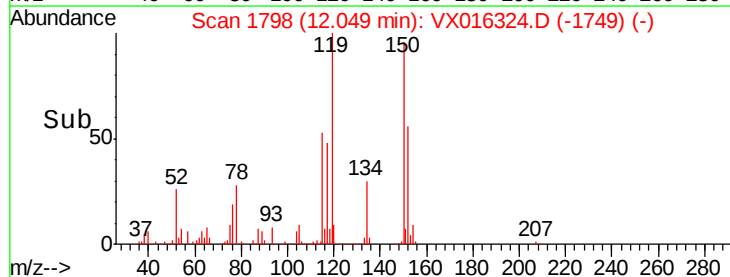
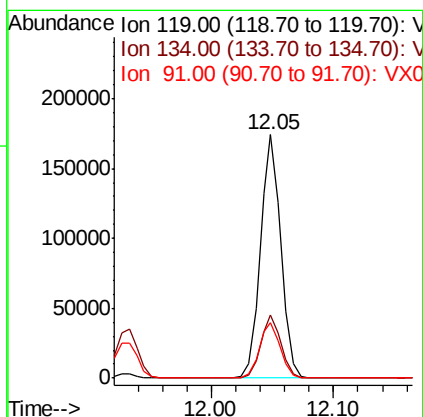
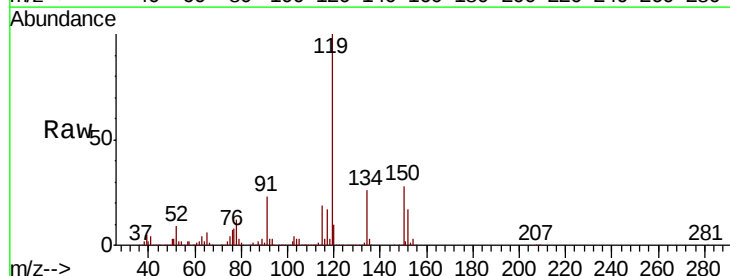
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

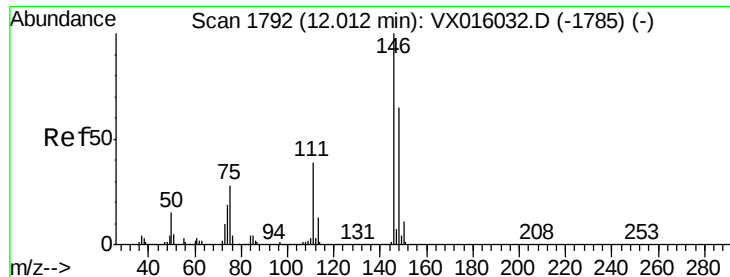
Tot Ion:105 Resp: 215224
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 16.808 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion:119 Resp: 203758
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.787 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

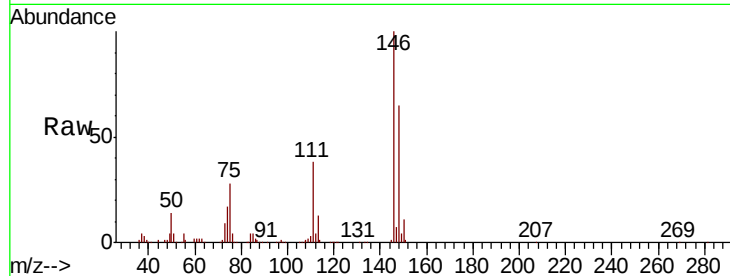
Tot Ion:146 Resp: 115713

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 63.9 32.1 96.3

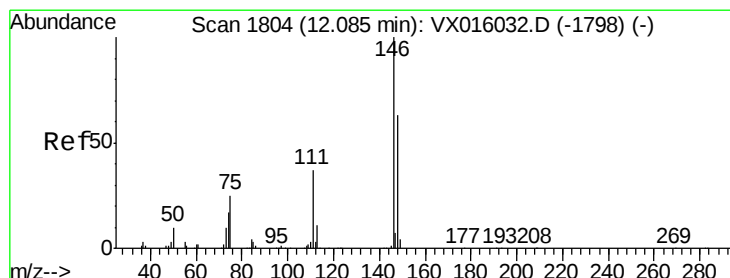
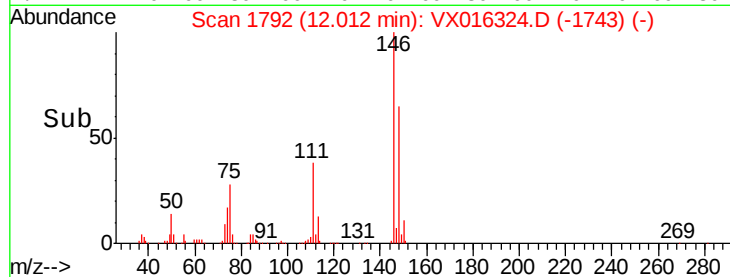
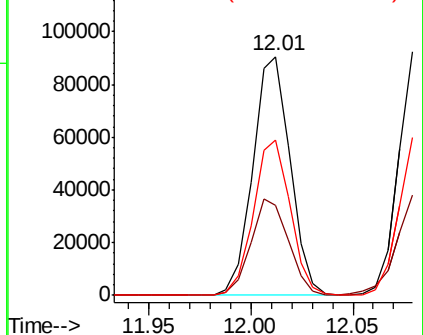


Abundance

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: 18.916 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

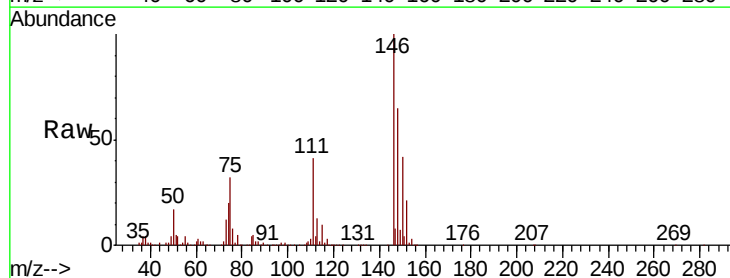
Tgt Ion:146 Resp: 118256

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.7

148 63.8 31.8 95.3

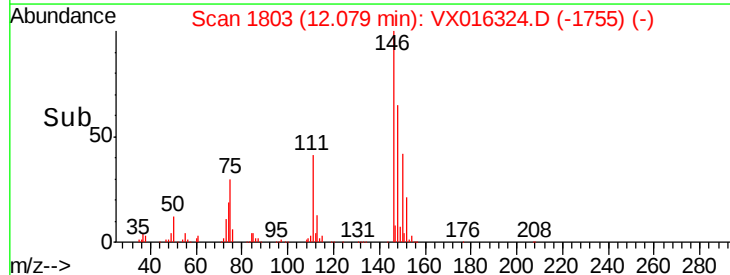
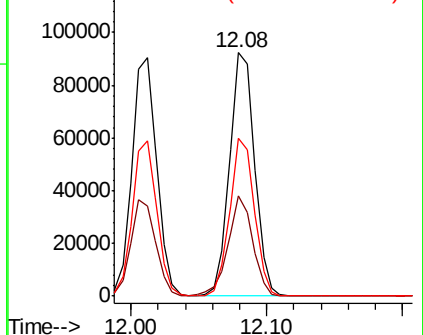


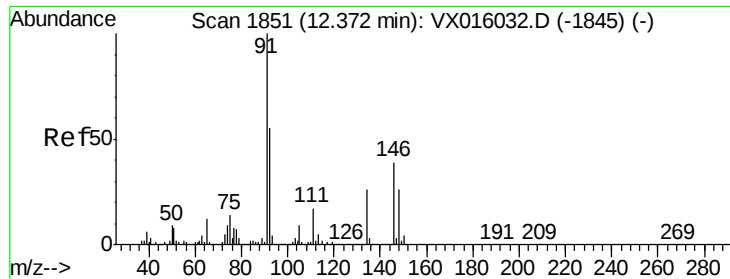
Abundance

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

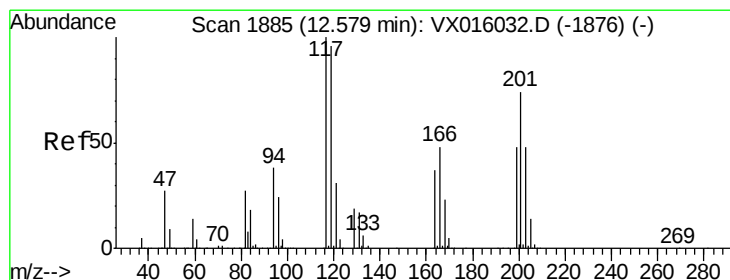
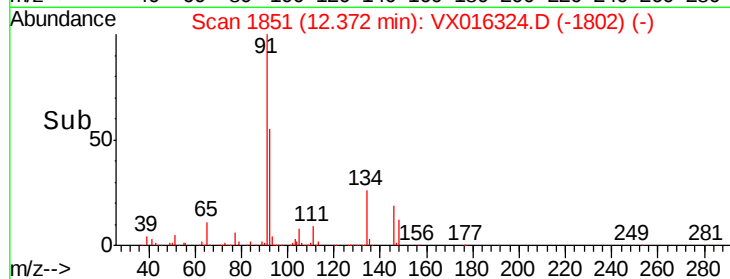
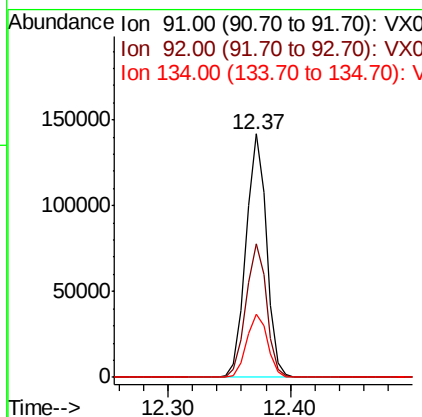
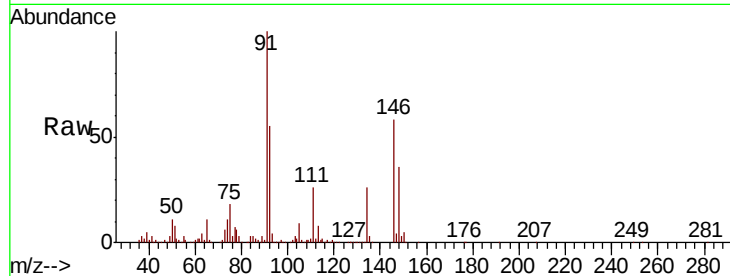




#89
n-Butylbenzene
Concen: 14.908 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

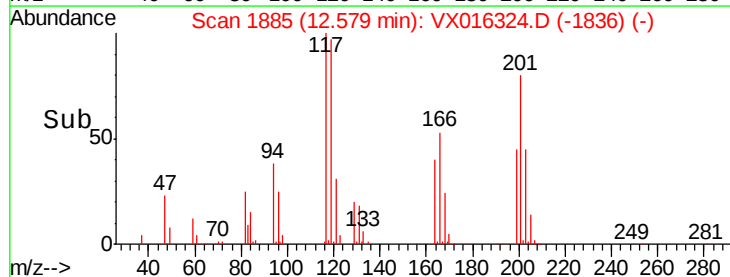
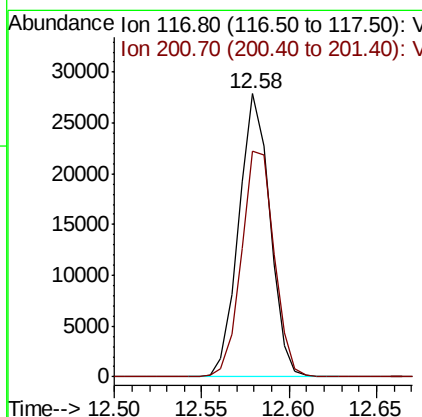
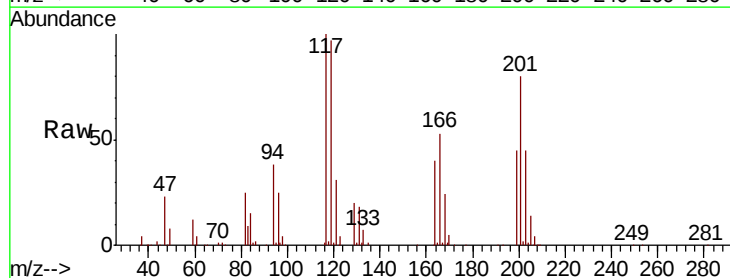
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

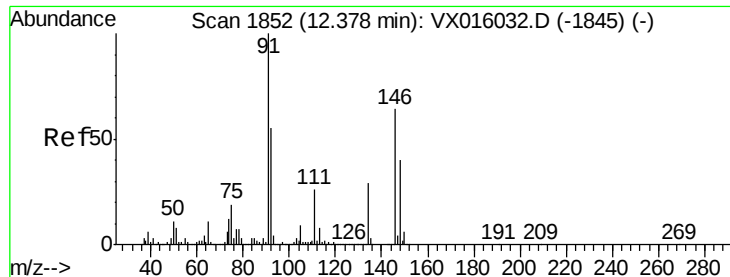
Tot Ion: 91 Resp: 165105
Ion Ratio Lower Upper
91 100
92 54.9 27.6 82.7
134 26.7 13.4 40.1



#90
Hexachloroethane
Concen: 16.642 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 117 Resp: 34648
Ion Ratio Lower Upper
117 100
201 83.7 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 19.117 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

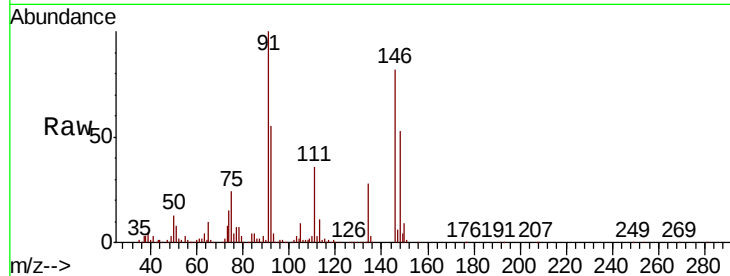
Tot Ion:146 Resp: 113382

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

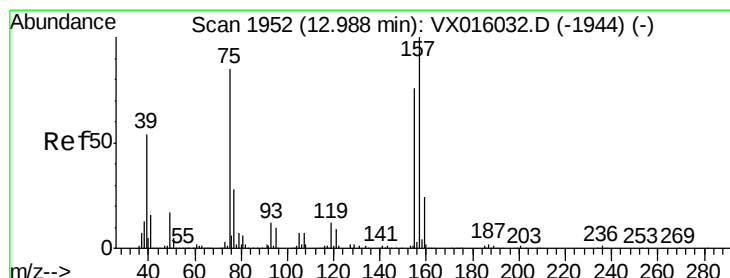
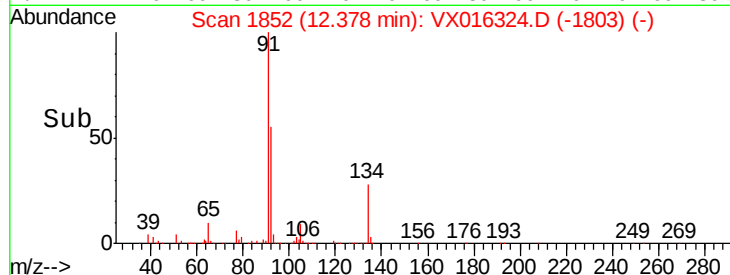
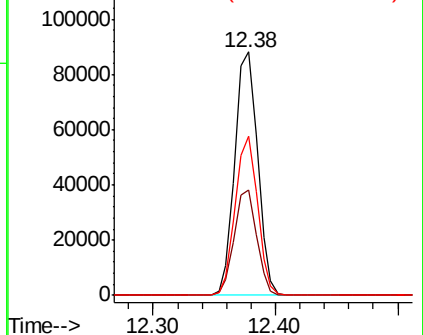
148 63.8 32.4 97.0



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: 17.965 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

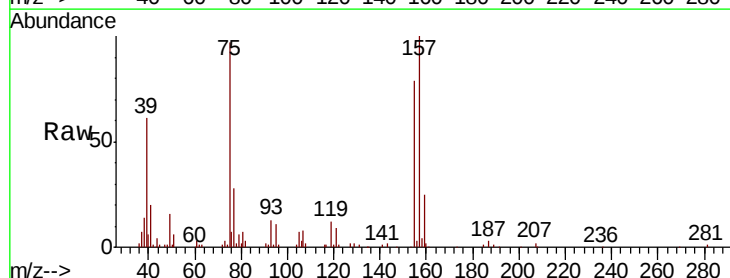
Tgt Ion: 75 Resp: 19632

Ion Ratio Lower Upper

75 100

155 84.0 42.5 127.5

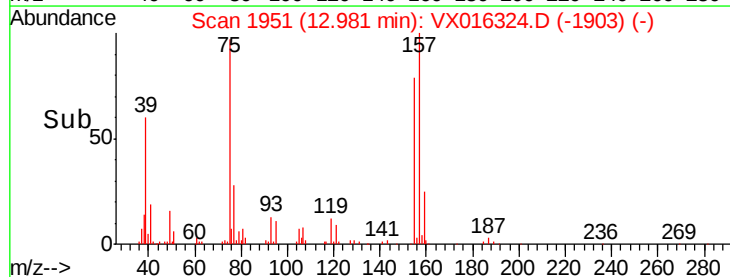
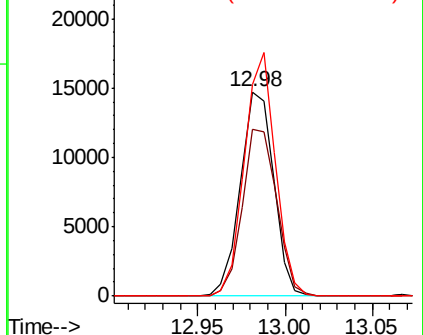
157 110.3 55.3 165.8



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

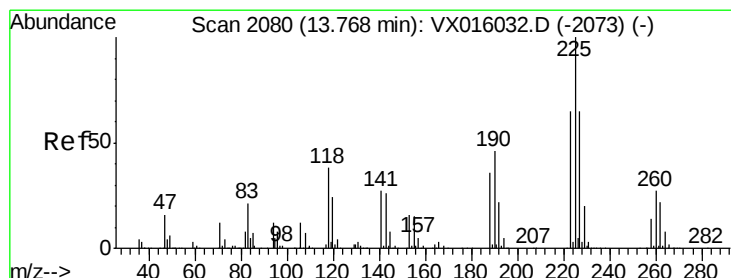
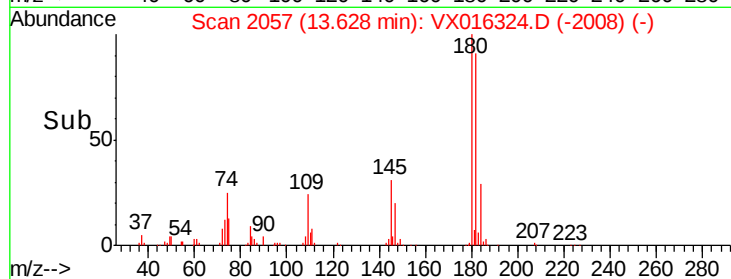
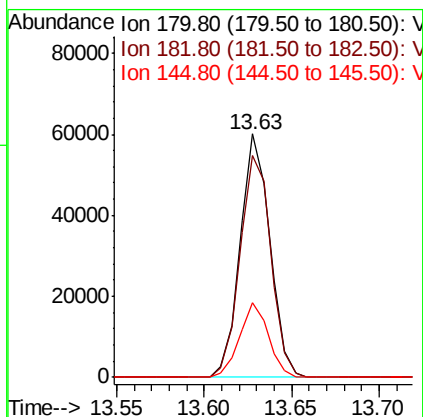
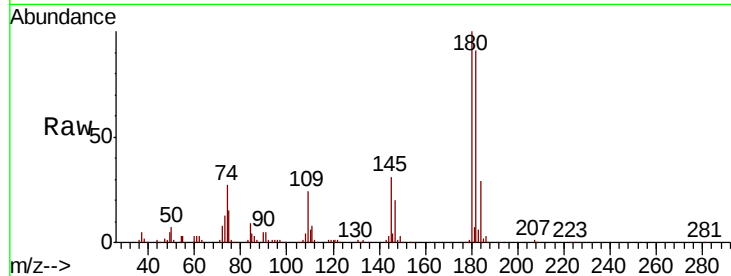




#93
 1,2,4-Trichlorobenzene
 Concen: 16.156 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

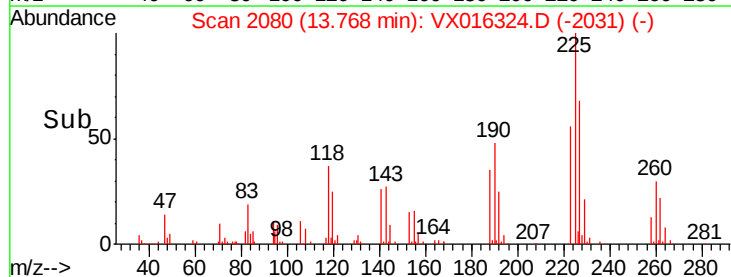
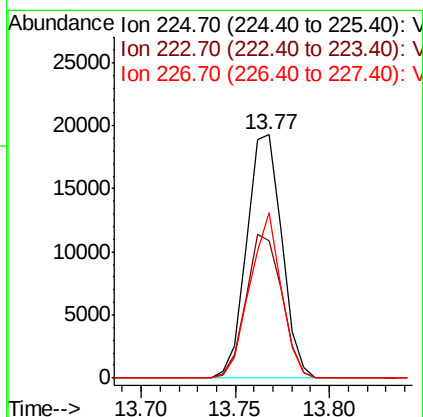
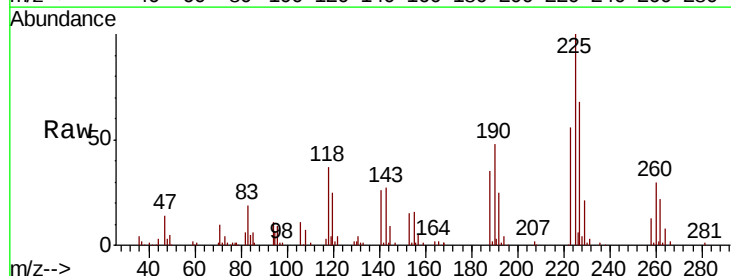
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

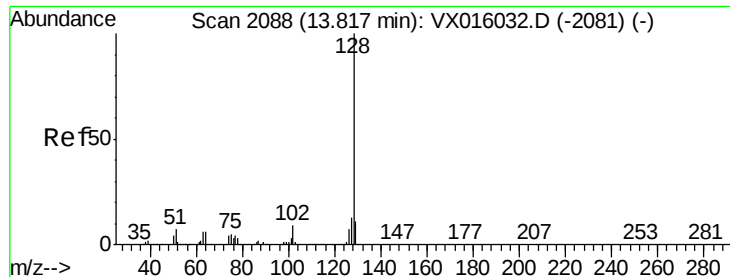
Tot Ion:180 Resp: 70942
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.7 146.1
 145 30.2 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 13.609 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion:225 Resp: 25003
 Ion Ratio Lower Upper
 225 100
 223 60.0 32.3 96.9
 227 60.4 31.8 95.4





#95

Naphthalene

Concen: 17.849 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

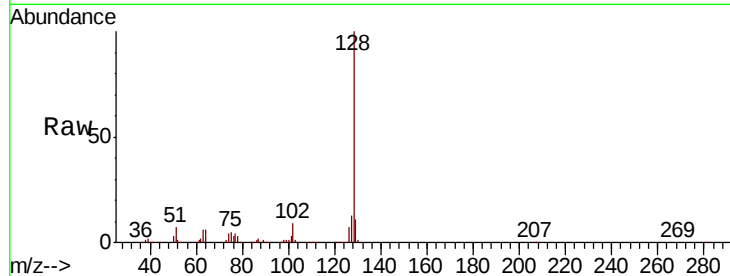
Tot Ion:128 Resp: 253776

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

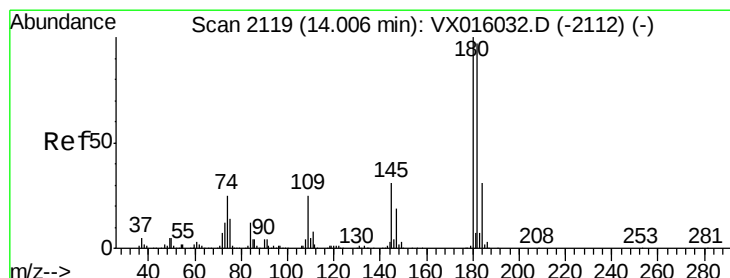
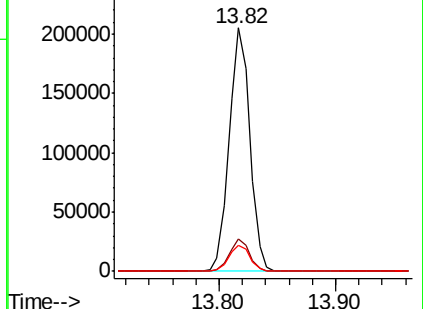
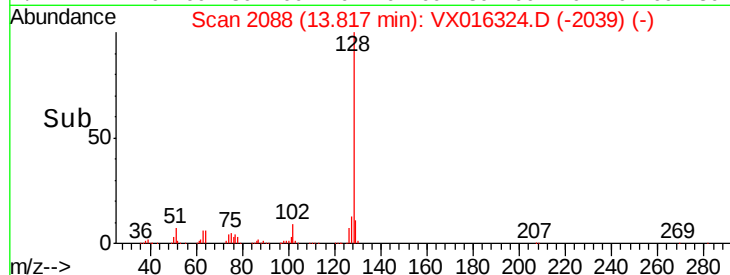
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.609 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

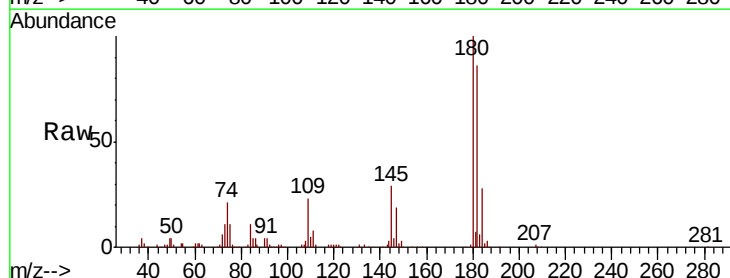
Tgt Ion:180 Resp: 71276

Ion Ratio Lower Upper

180 100

182 92.0 48.4 145.0

145 31.2 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

