

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016038.D
 Acq On : 04 May 2020 16:22
 Operator : JC/SP
 Sample : VX0504WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Quant Time: May 05 07:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	307763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190401	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	5.46	113	141870	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.70	98	553939	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.12	95	208943	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59492	18.263	ug/l	100
3) Chloromethane	1.32	50	67199	17.763	ug/l	97
4) Vinyl Chloride	1.39	62	71281	17.660	ug/l	98
5) Bromomethane	1.63	94	50468	24.802	ug/l	98
6) Chloroethane	1.71	64	47031	19.151	ug/l	100
7) Trichlorofluoromethane	1.92	101	98821	18.649	ug/l	97
8) Diethyl Ether	2.17	74	43203	19.350	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	57303	18.744	ug/l	99
10) Methyl Iodide	2.49	142	72316	17.610	ug/l	100
11) Tert butyl alcohol	3.01	59	97989	95.683	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55831	17.451	ug/l	94
13) Acrolein	2.27	56	56095	87.532	ug/l	100
14) Allyl chloride	2.70	41	105130	17.922	ug/l	98
15) Acrylonitrile	3.11	53	193657	91.154	ug/l	100
16) Acetone	2.42	43	169846	93.993	ug/l	99
17) Carbon Disulfide	2.55	76	174413	18.022	ug/l	100
18) Methyl Acetate	2.75	43	81965	18.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	210185	19.058	ug/l	100
20) Methylene Chloride	2.83	84	65662	17.627	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	62094	17.417	ug/l	99
22) Diisopropyl ether	3.82	45	204659	18.494	ug/l	94
23) Vinyl Acetate	3.78	43	926931	95.206	ug/l	100
24) 1,1-Dichloroethane	3.67	63	113831	18.388	ug/l	99
25) 2-Butanone	4.64	43	274259	94.188	ug/l	98
26) 2,2-Dichloropropane	4.55	77	99143	17.537	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	70553	18.102	ug/l	99
28) Bromochloromethane	4.98	49	53915	19.100	ug/l	99
29) Tetrahydrofuran	5.09	42	179640	93.108	ug/l	100
30) Chloroform	5.18	83	112982	18.330	ug/l	99
31) Cyclohexane	5.55	56	102301	18.183	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	102207	18.242	ug/l	99
36) 1,1-Dichloropropene	5.77	75	86872	18.122	ug/l	98
37) Ethyl Acetate	4.79	43	106105	19.098	ug/l	100
38) Carbon Tetrachloride	5.75	117	89050	18.276	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	104708	18.138	ug/l	99
40) Benzene	6.11	78	255526	18.218	ug/l	98
41) Methacrylonitrile	5.00	41	56070	18.687	ug/l	99
42) 1,2-Dichloroethane	6.17	62	96277	19.055	ug/l	99
43) Isopropyl Acetate	6.41	43	169107	19.076	ug/l	99
44) Trichloroethene	7.19	130	91523	18.367	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66051	18.611	ug/l	98
46) Dibromomethane	7.64	93	44886	18.611	ug/l	99
47) Bromodichloromethane	7.88	83	90602	18.445	ug/l	100
48) Methyl methacrylate	7.74	41	79316	18.882	ug/l	99
49) 1,4-Dioxane	7.71	88	38035	377.547	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	522261	96.275	ug/l	99
52) Toluene	8.76	92	161250	18.444	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	108658	18.553	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	112376	18.370	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	64654	18.797	ug/l	99
56) Ethyl methacrylate	9.16	69	106514	18.971	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112028	18.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	285511	95.518	ug/l	100
59) 2-Hexanone	9.47	43	403822	94.791	ug/l	99
60) Dibromochloromethane	9.57	129	70653	18.650	ug/l	100
61) 1,2-Dibromoethane	9.65	107	70387	18.892	ug/l	98
64) Tetrachloroethene	9.32	164	102382	18.506	ug/l	98
65) Chlorobenzene	10.12	112	171653	18.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	64380	18.459	ug/l	99
67) Ethyl Benzene	10.24	91	310844	18.462	ug/l	99
68) m/p-Xylenes	10.34	106	234102	37.111	ug/l	100
69) o-Xylene	10.68	106	112590	18.568	ug/l	99
70) Styrene	10.70	104	188154	18.290	ug/l	99
71) Bromoform	10.84	173	51216	18.024	ug/l #	98
73) Isopropylbenzene	11.00	105	301318	18.390	ug/l	99
74) N-amyl acetate	10.88	43	144593	18.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	53121	18.272	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	125758	24.601	ug/l	84
77) Bromobenzene	11.24	156	75147	17.769	ug/l	98
78) n-propylbenzene	11.35	91	342998	17.995	ug/l	100
79) 2-Chlorotoluene	11.40	91	202604	18.007	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	254927	18.428	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39605	18.463	ug/l	98
82) 4-Chlorotoluene	11.49	91	241477	18.175	ug/l	99
83) tert-Butylbenzene	11.76	119	214770	18.014	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	252150	18.029	ug/l	100
85) sec-Butylbenzene	11.93	105	291361	18.100	ug/l	100
86) p-Isopropyltoluene	12.05	119	268850	17.989	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135616	17.859	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	137650	17.860	ug/l	99
89) n-Butylbenzene	12.37	91	241135	17.661	ug/l	99
90) Hexachloroethane	12.58	117	45500	17.727	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	130670	17.871	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23924	17.757	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 2020
Response via : Initial Calibration

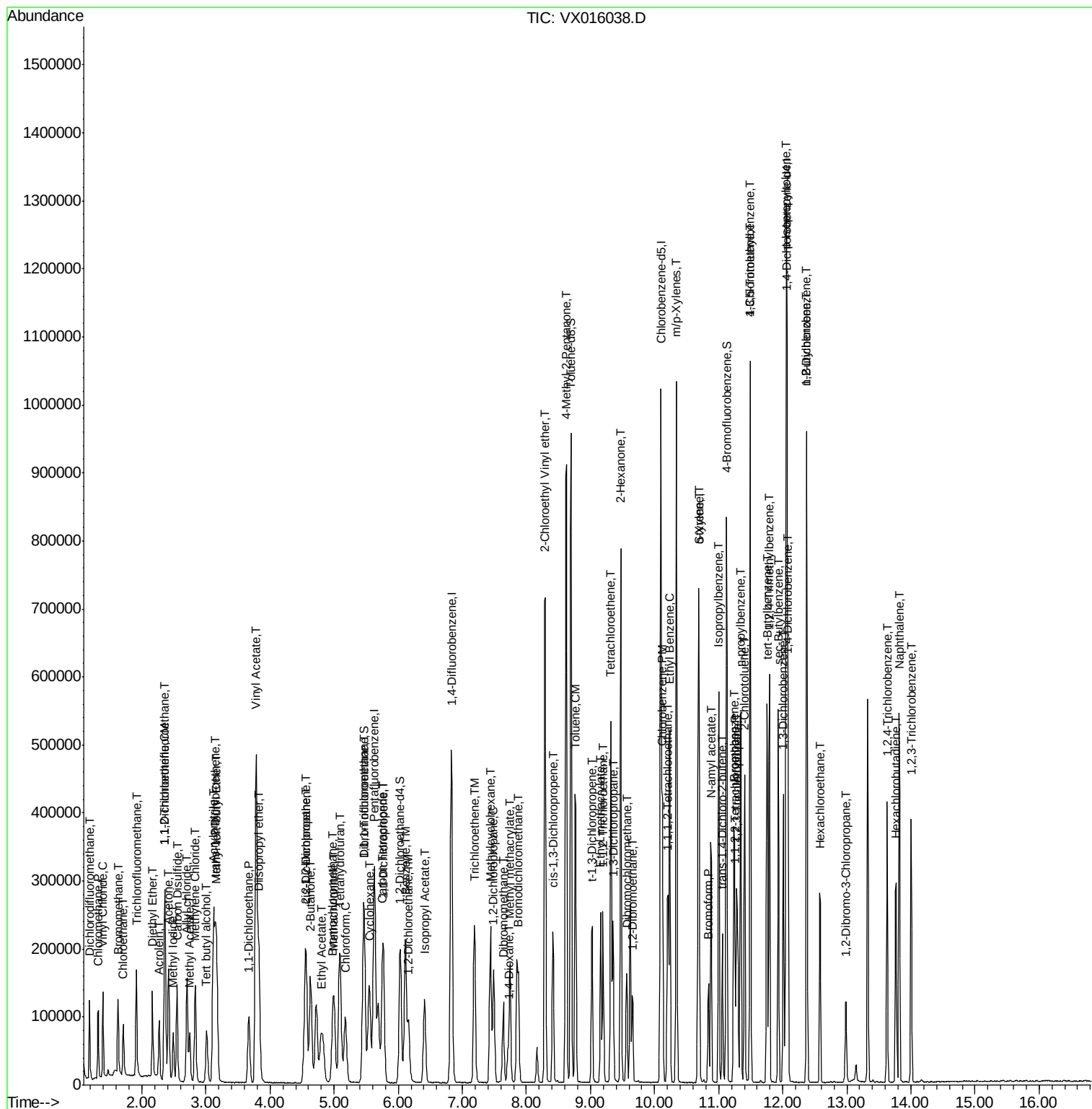
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	98493	18.194	ug/l	98
94) Hexachlorobutadiene	13.77	225	42880	18.726	ug/l	98
95) Naphthalene	13.82	128	319291	18.215	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	94030	17.773	ug/l	99

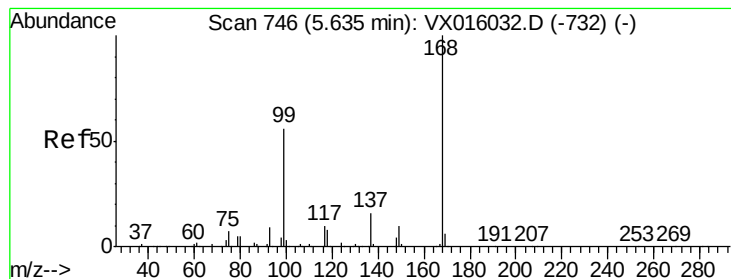
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050420\
Data File : VX016038.D
Acq On : 04 May 2020 16:22
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Sample : VX0504WBSD01
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Quant Time: May 05 07:28:22 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

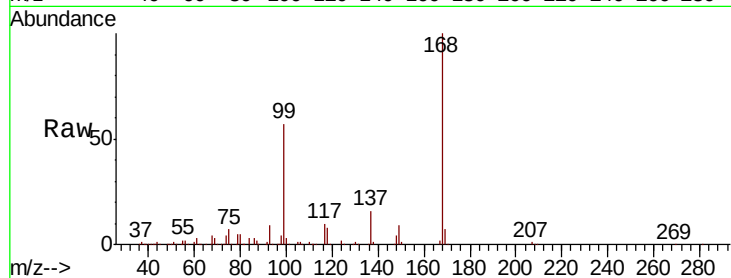
VX0504WBSD01

Tot Ion:168 Resp: 307763

Ion Ratio Lower Upper

168 100

99 56.6 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

120000

100000

80000

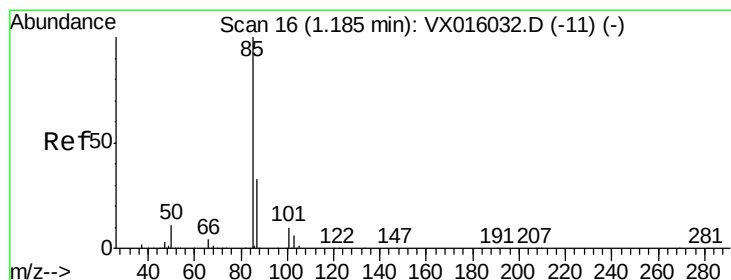
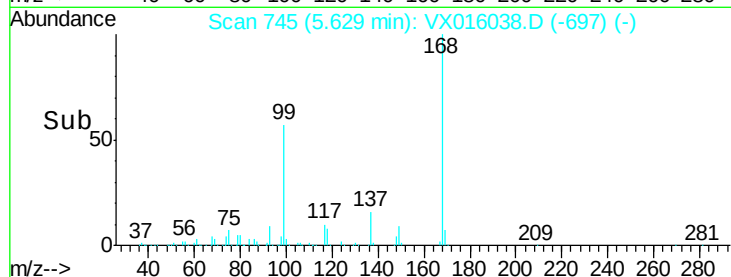
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.263 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016038.D

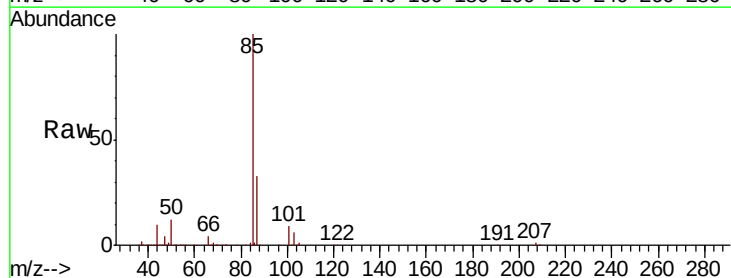
Acq: 04 May 2020 16:22

Tgt Ion: 85 Resp: 59492

Ion Ratio Lower Upper

85 100

87 32.5 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

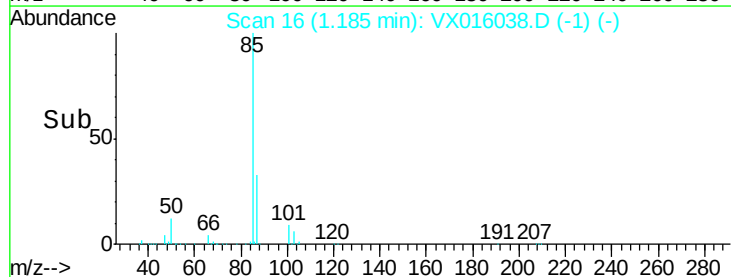
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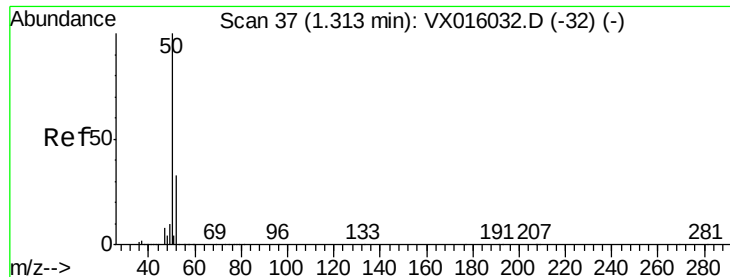
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.763 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

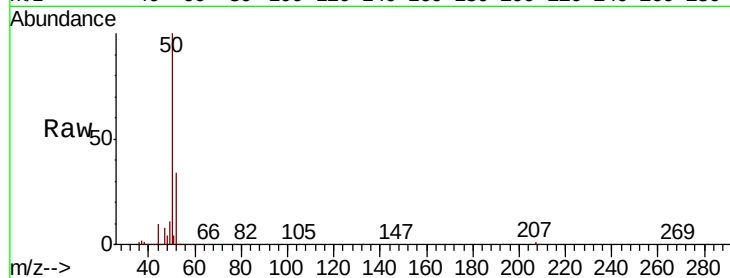
VX0504WBSD01

Tot Ion: 50 Resp: 67199

Ion Ratio Lower Upper

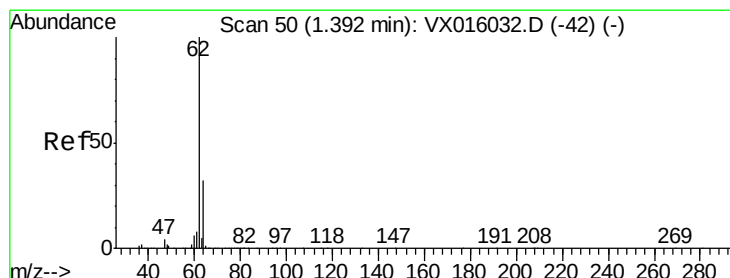
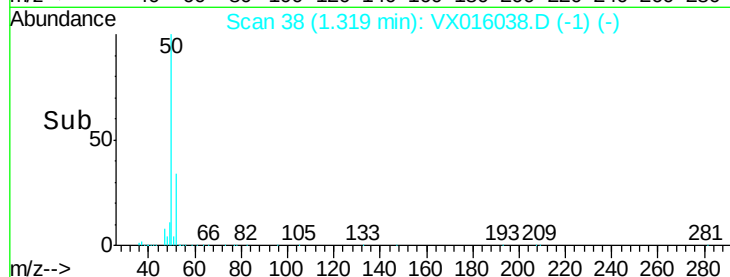
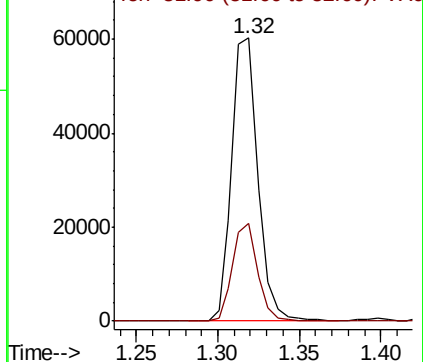
50 100

52 34.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.660 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016038.D

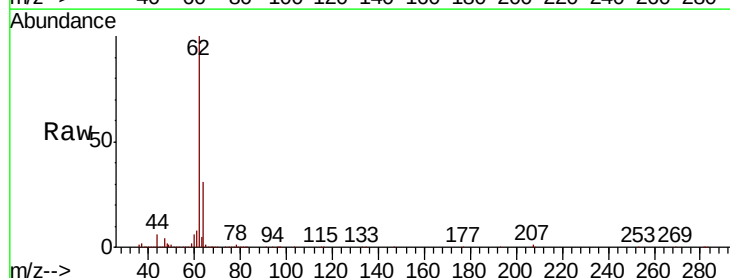
Acq: 04 May 2020 16:22

Tgt Ion: 62 Resp: 71281

Ion Ratio Lower Upper

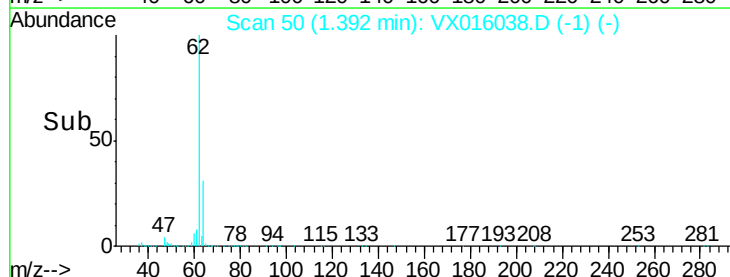
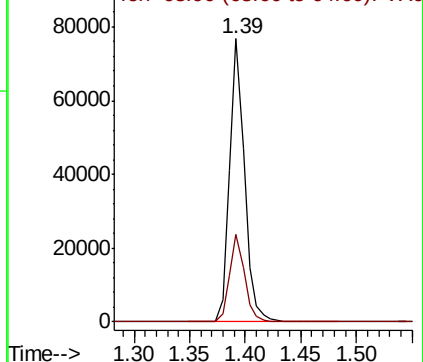
62 100

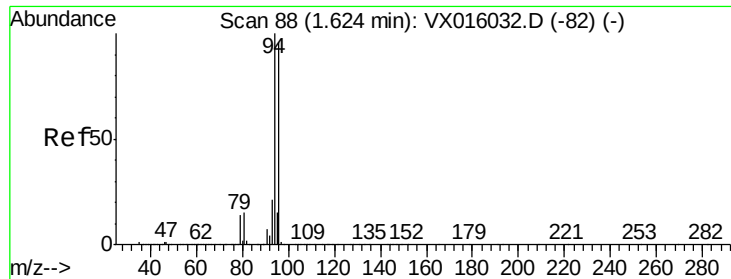
64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.802 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

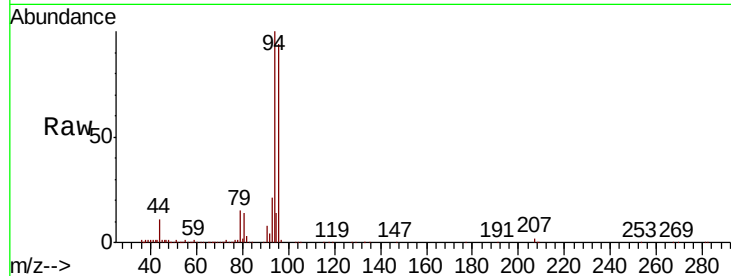
VX0504WBSD01

Tot Ion: 94 Resp: 50468

Ion Ratio Lower Upper

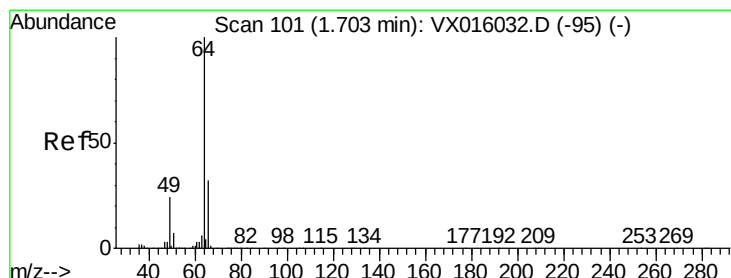
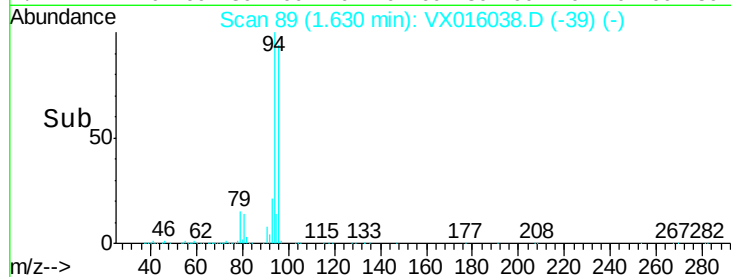
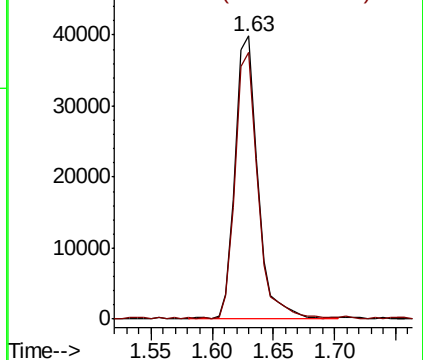
94 100

96 94.2 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.151 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016038.D

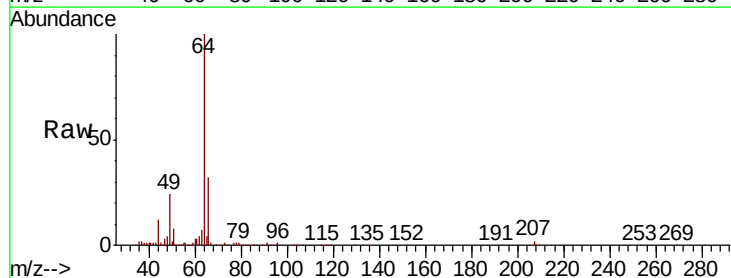
Acq: 04 May 2020 16:22

Tgt Ion: 64 Resp: 47031

Ion Ratio Lower Upper

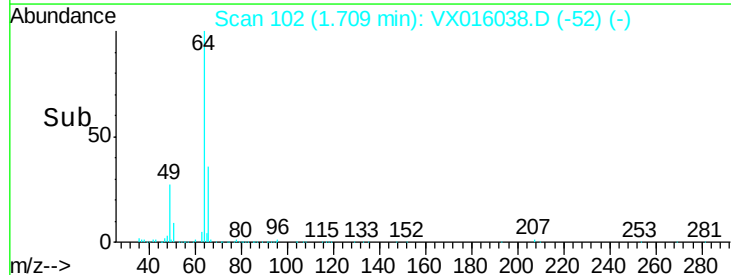
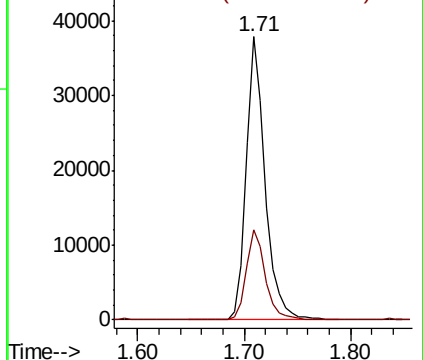
64 100

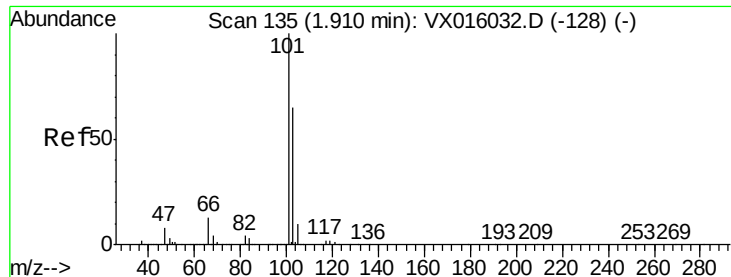
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



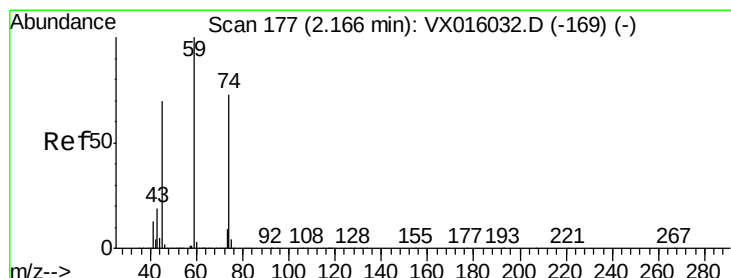
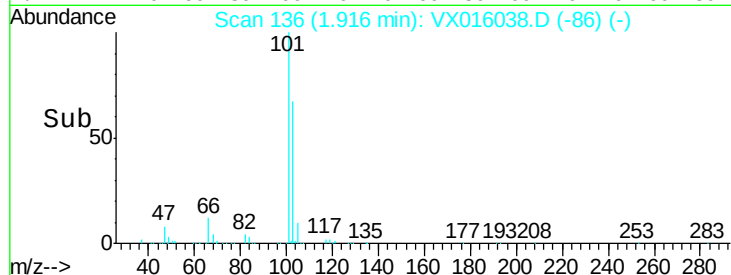
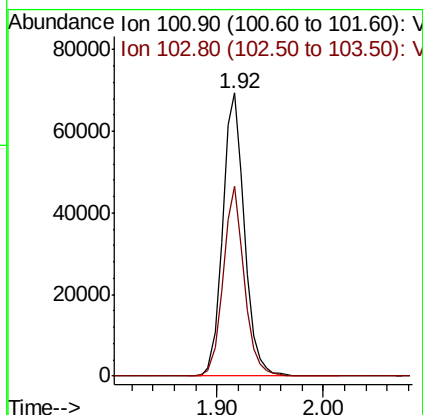
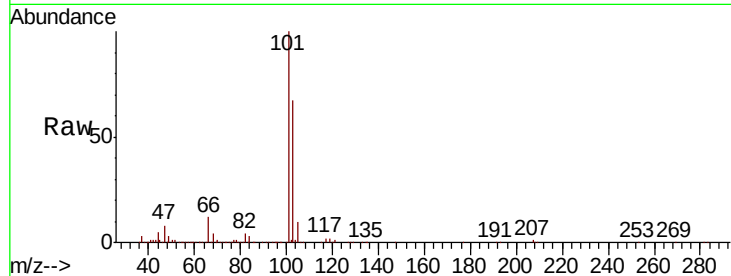


#7

Trichlorofluoromethane
 Concen: 18.649 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

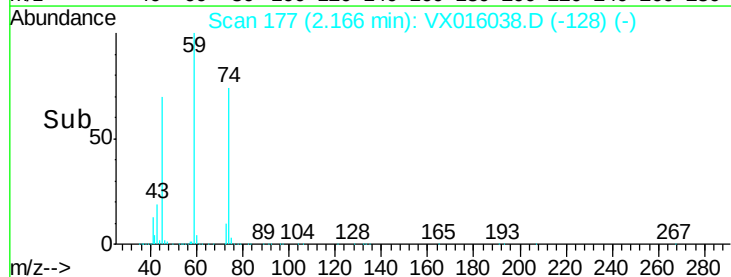
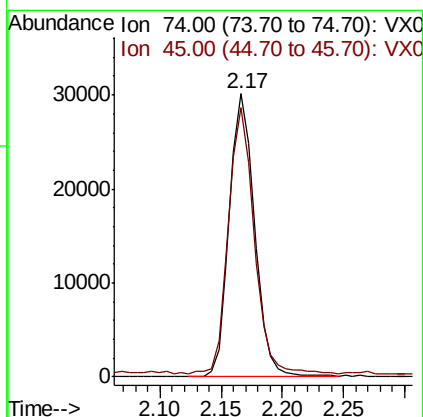
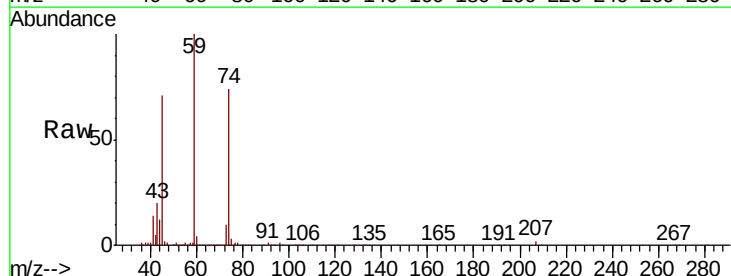
Tot Ion:101 Resp: 98821
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.8 77.6

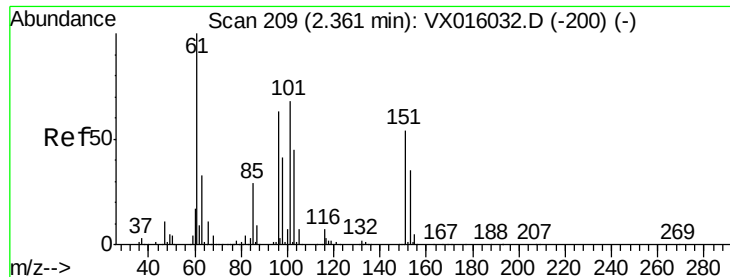


#8

Diethyl Ether
 Concen: 19.350 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion: 74 Resp: 43203
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.744 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016038.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

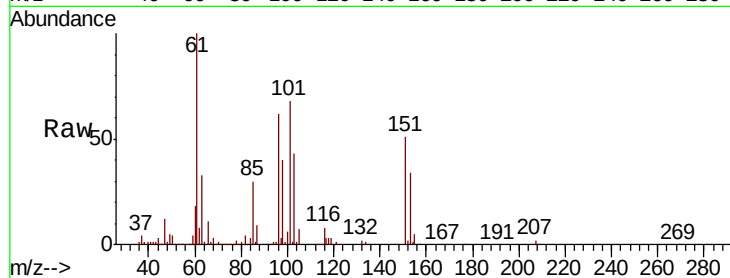
Tot Ion:101 Resp: 57303

Ion Ratio Lower Upper

101 100

85 44.1 34.2 51.4

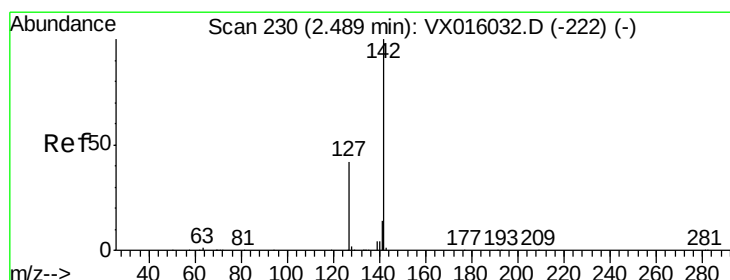
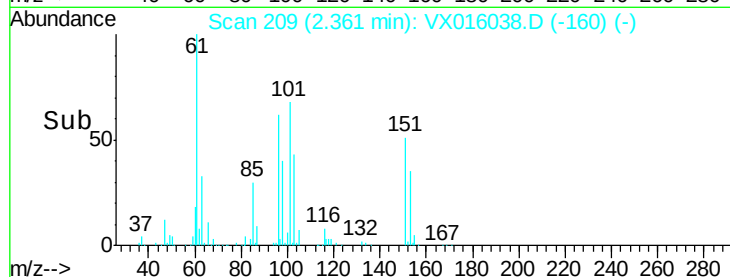
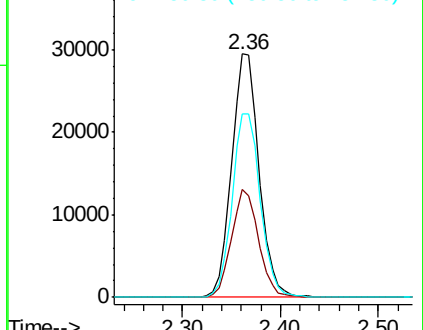
151 77.6 62.1 93.1



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: 17.610 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

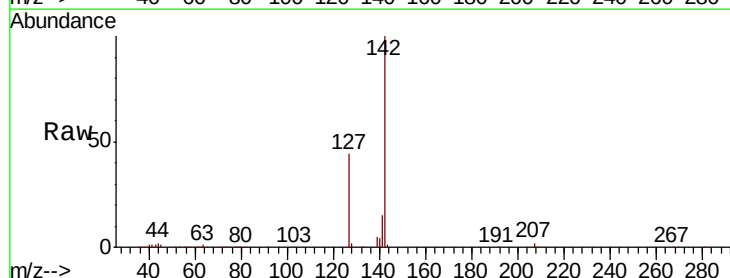
Tgt Ion:142 Resp: 72316

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

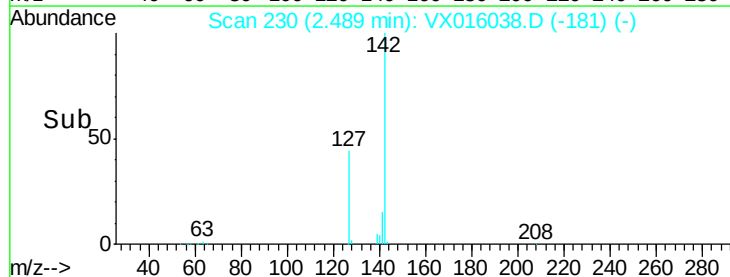
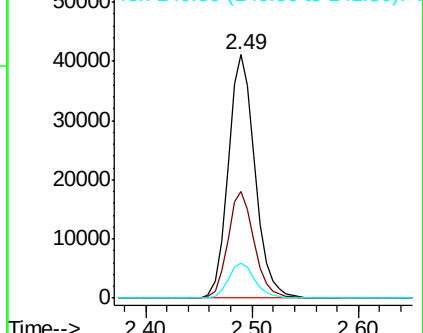
141 14.2 11.3 16.9

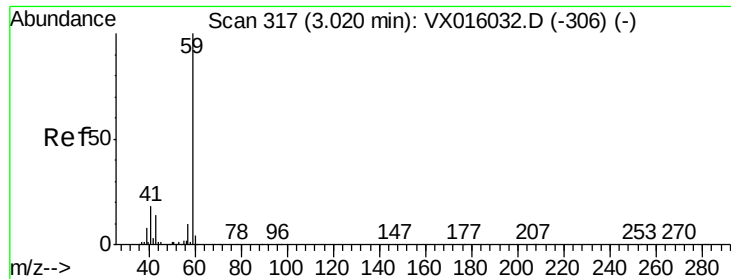


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



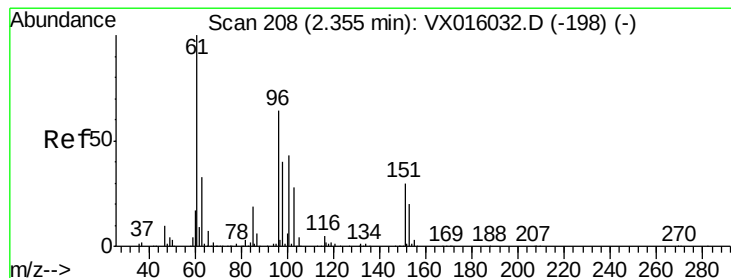
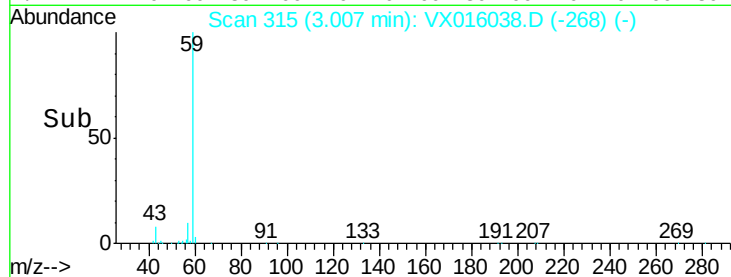
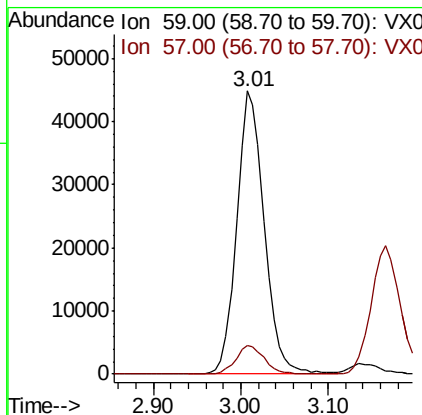
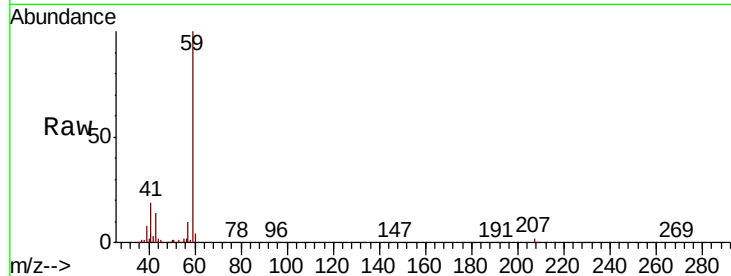


#11

Tert butyl alcohol
 Concen: 95.683 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

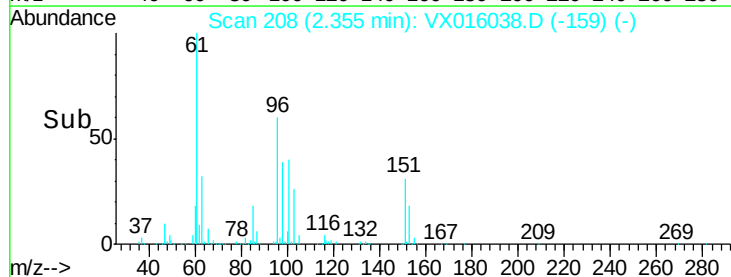
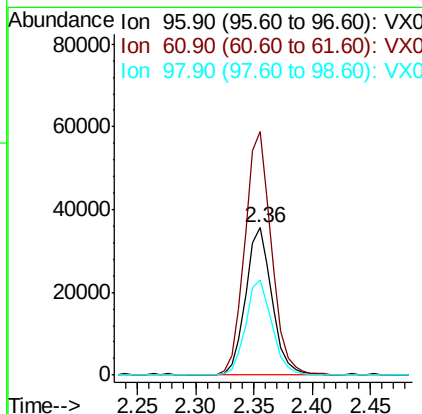
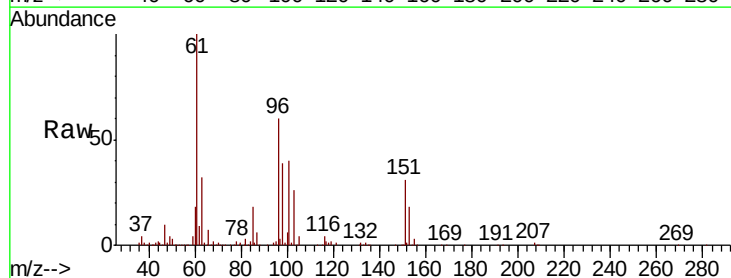
Tot Ion: 59 Resp: 97989
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

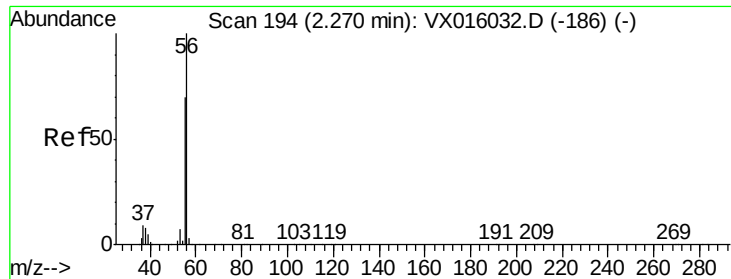


#12

1,1-Dichloroethene
 Concen: 17.451 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion: 96 Resp: 55831
 Ion Ratio Lower Upper
 96 100
 61 165.7 124.8 187.2
 98 64.6 49.7 74.5





#13

Acrolein

Concen: 87.532 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

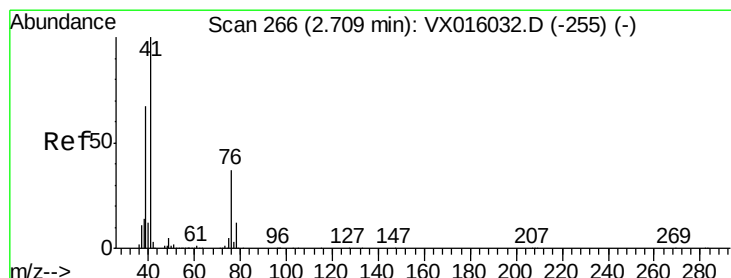
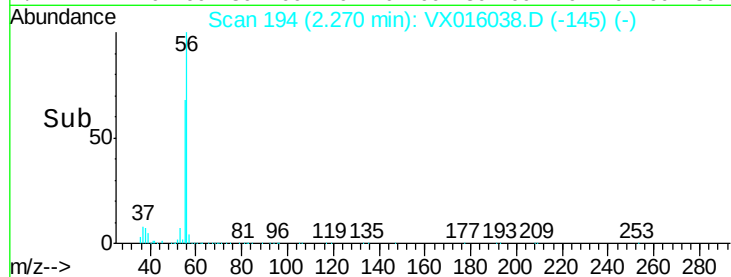
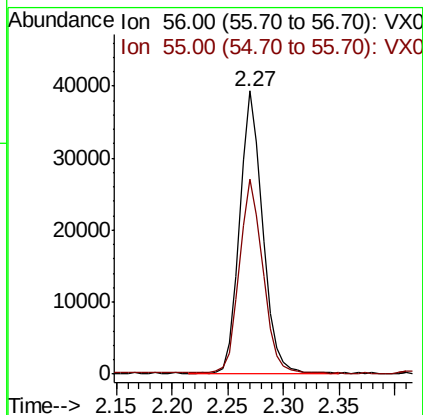
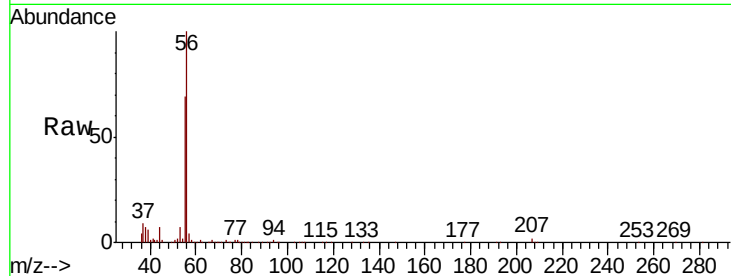
VX0504WBSD01

Tot Ion: 56 Resp: 56095

Ion Ratio Lower Upper

56 100

55 70.5 56.5 84.7



#14

Allyl chloride

Concen: 17.922 ug/l

RT: 2.70 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

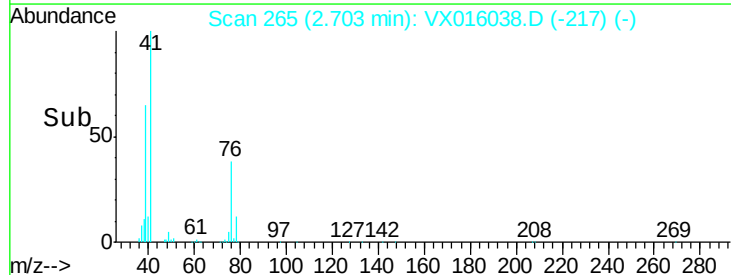
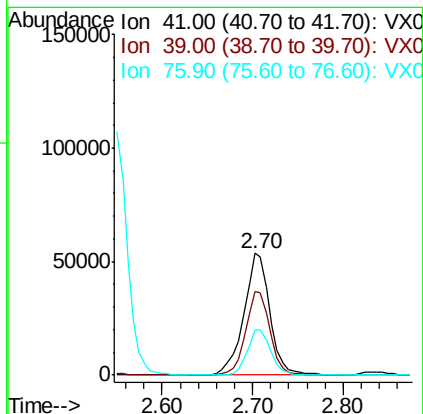
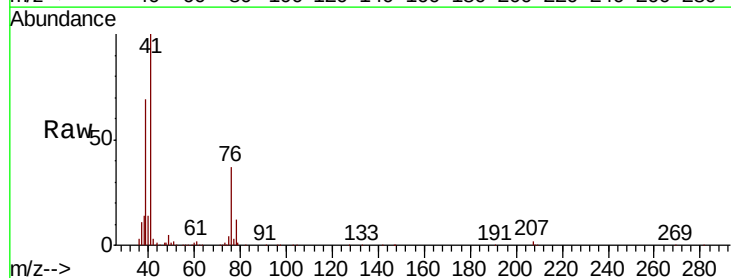
Tgt Ion: 41 Resp: 105130

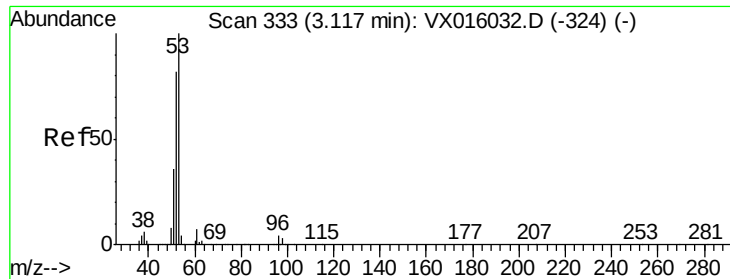
Ion Ratio Lower Upper

41 100

39 64.4 50.5 75.7

76 34.1 26.6 40.0





#15

Acrylonitrile

Concen: 91.154 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

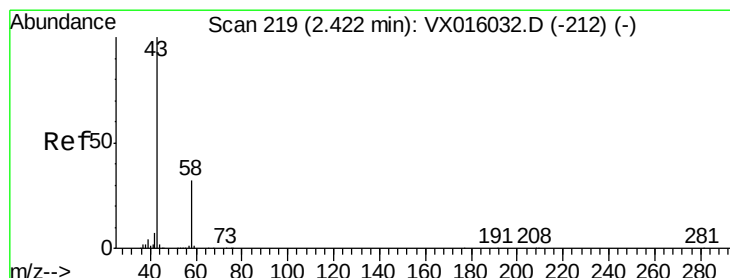
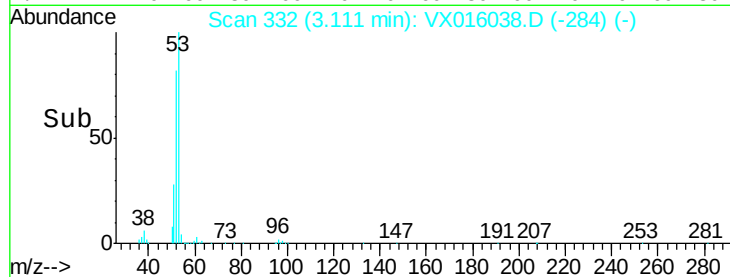
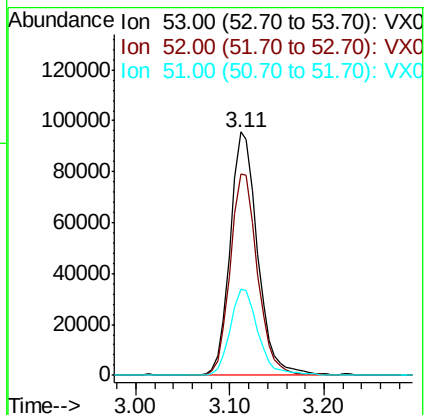
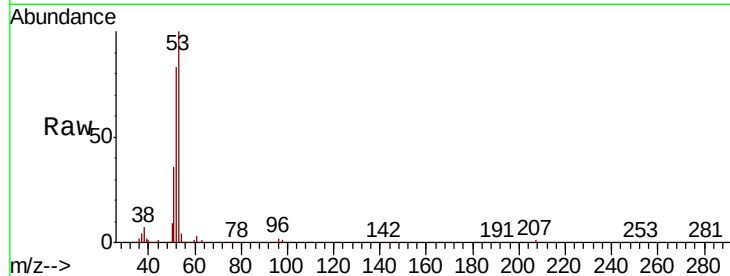
Tot Ion: 53 Resp: 193657

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

51 36.3 28.8 43.2



#16

Acetone

Concen: 93.993 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016038.D

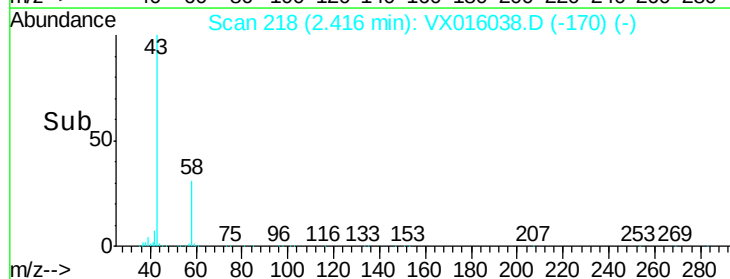
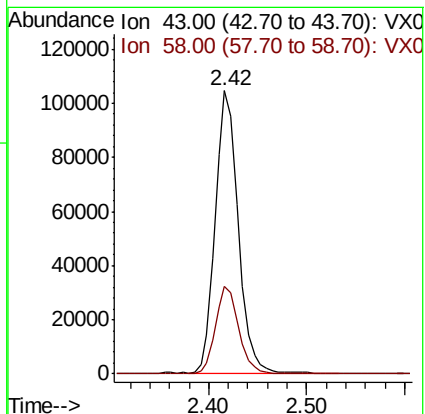
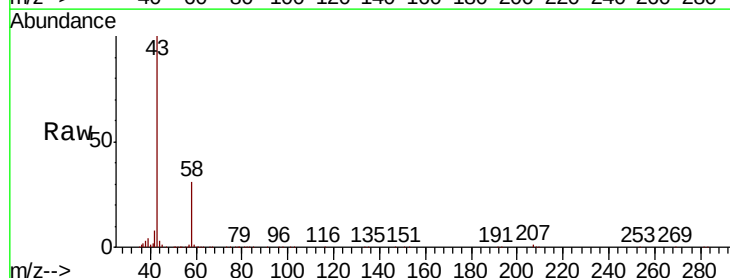
Acq: 04 May 2020 16:22

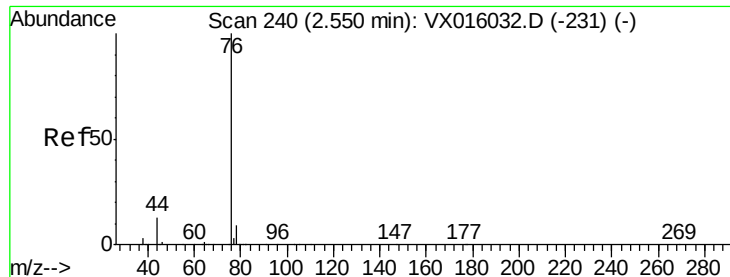
Tgt Ion: 43 Resp: 169846

Ion Ratio Lower Upper

43 100

58 31.1 25.4 38.0





#17

Carbon Disulfide

Concen: 18.022 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

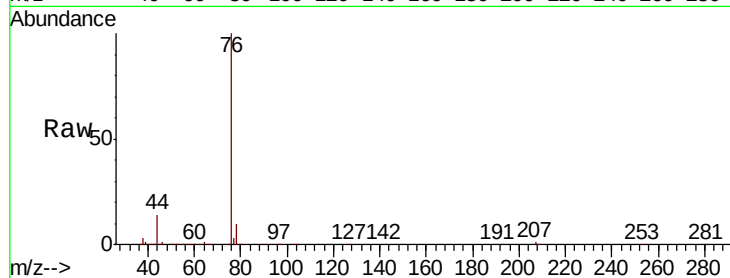
VX0504WBSD01

Tot Ion: 76 Resp: 174413

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

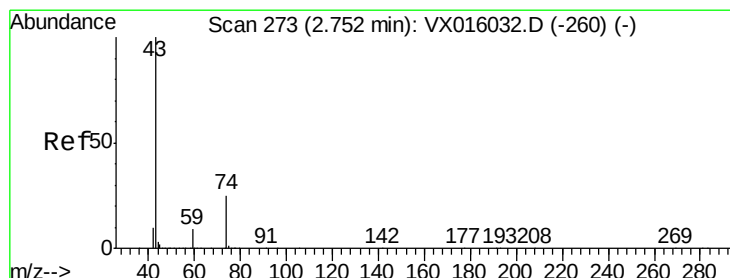
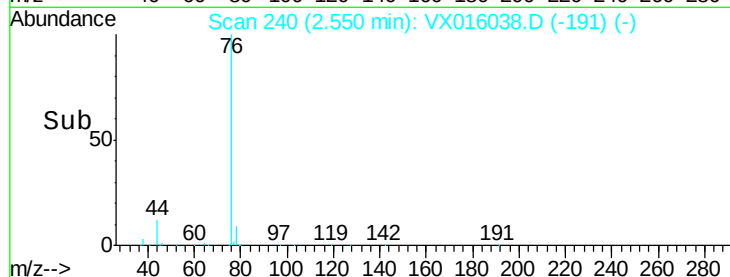
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.448 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016038.D

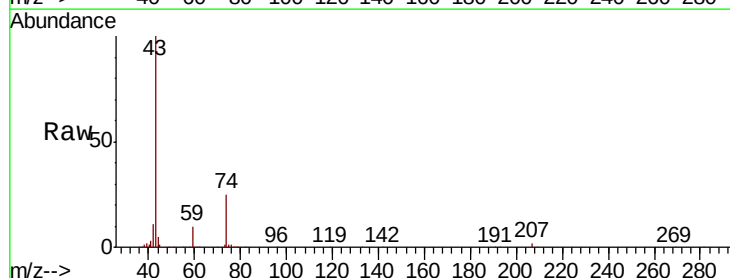
Acq: 04 May 2020 16:22

Tgt Ion: 43 Resp: 81965

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

50000

40000

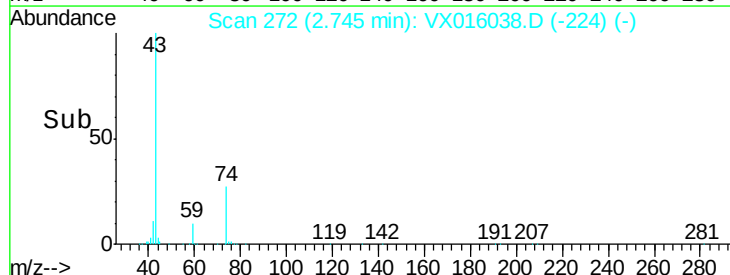
30000

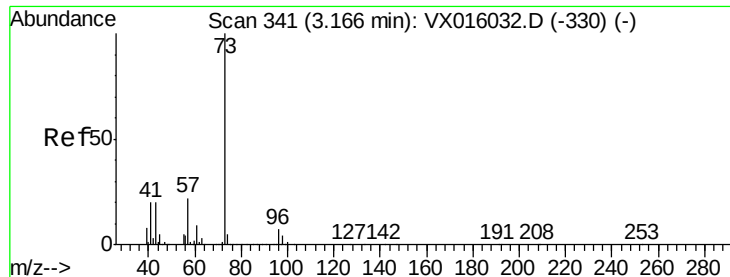
20000

10000

0

Time-->

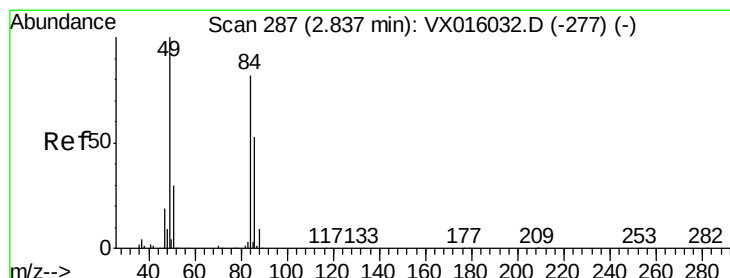
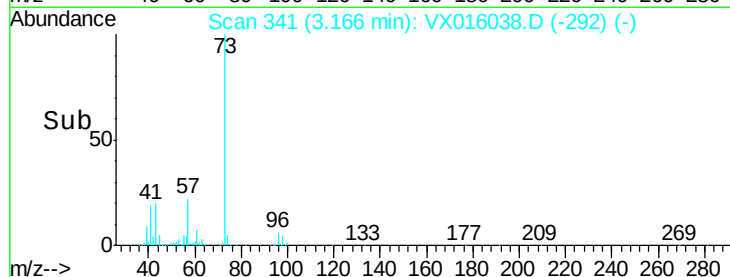
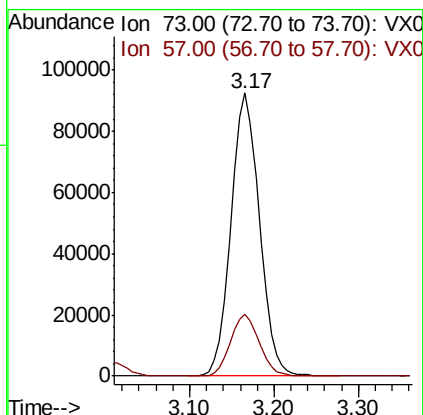
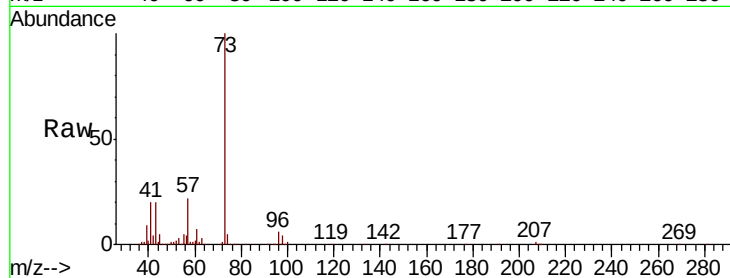




#19
Methyl tert-butyl Ether
Concen: 19.058 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

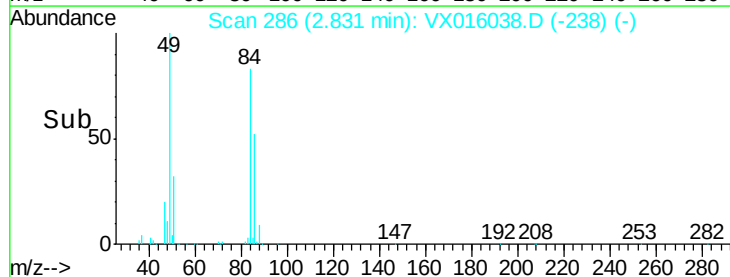
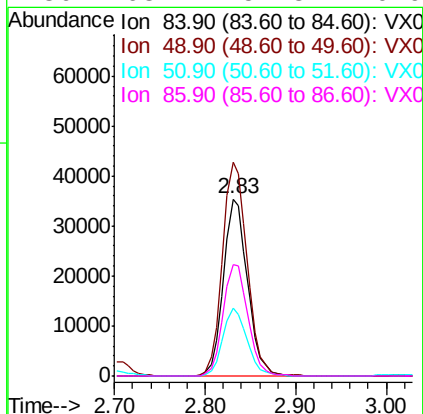
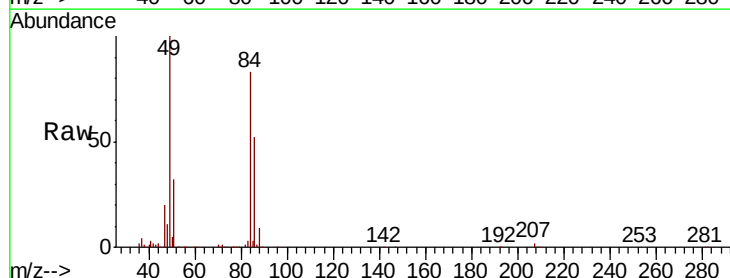
Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

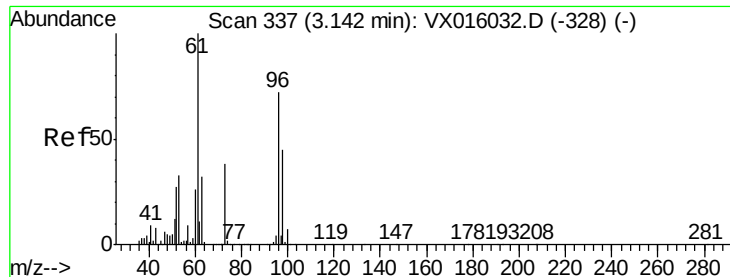
Tot Ion: 73 Resp: 210185
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.6



#20
Methylene Chloride
Concen: 17.627 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 84 Resp: 65662
Ion Ratio Lower Upper
84 100
49 120.7 97.3 145.9
51 38.3 29.3 43.9
86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.417 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

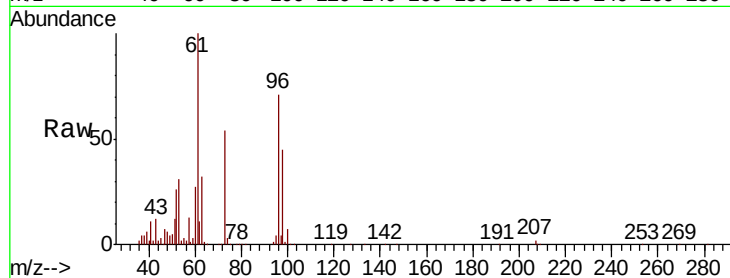
Tot Ion: 96 Resp: 62094

Ion Ratio Lower Upper

96 100

61 140.3 111.2 166.8

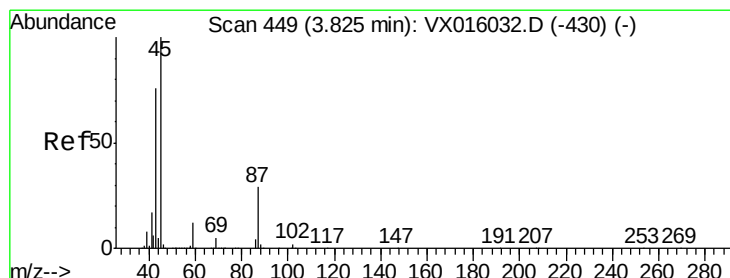
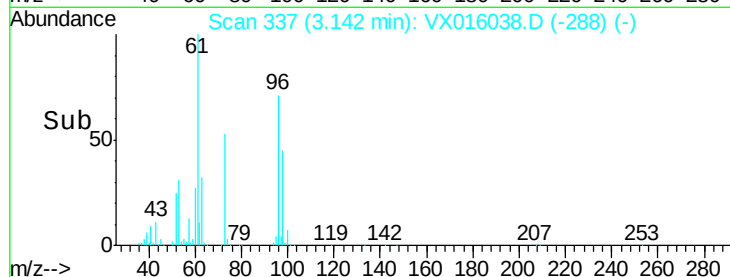
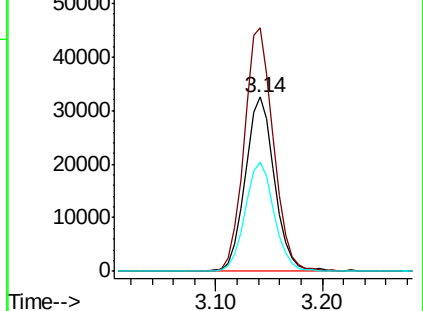
98 62.9 50.2 75.4



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: 18.494 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Tgt Ion: 45 Resp: 204659

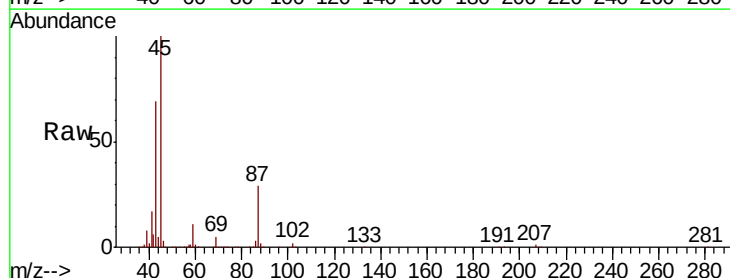
Ion Ratio Lower Upper

45 100

43 69.0 61.1 91.7

87 28.8 23.0 34.6

59 11.3 9.8 14.6

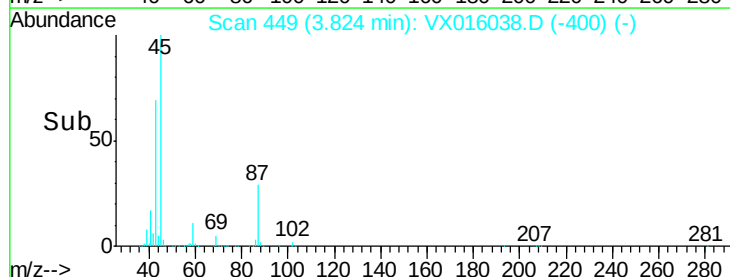
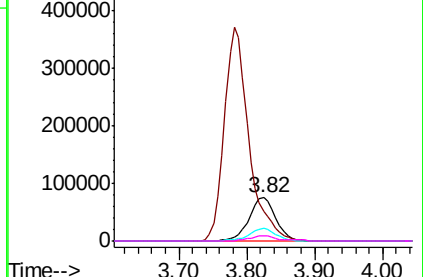


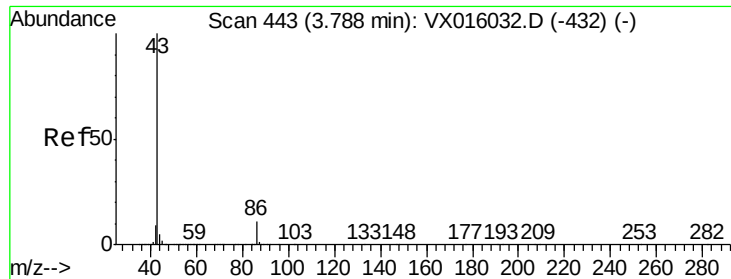
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 95.206 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

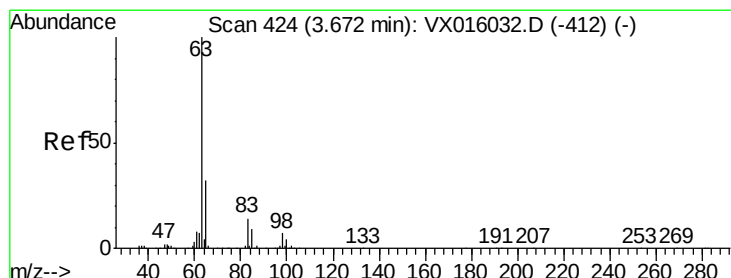
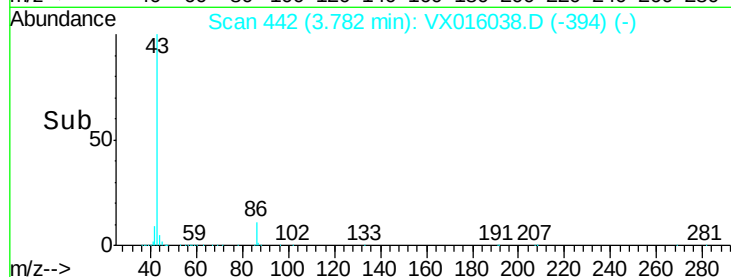
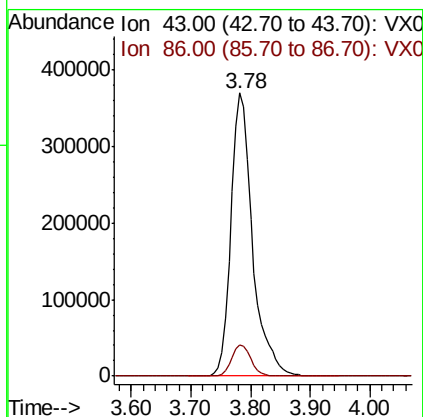
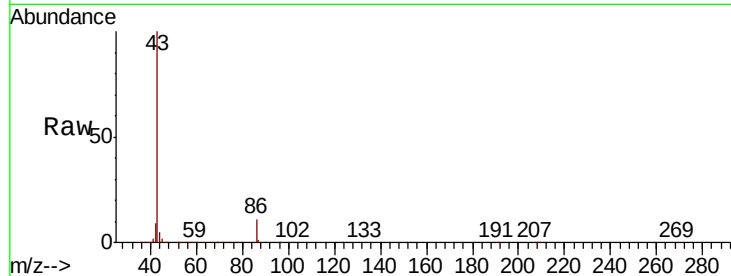
VX0504WBSD01

Tot Ion: 43 Resp: 926931

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.388 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

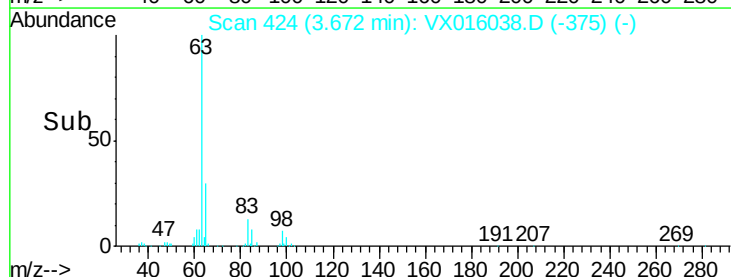
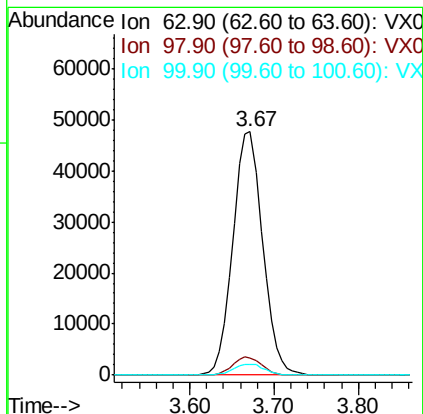
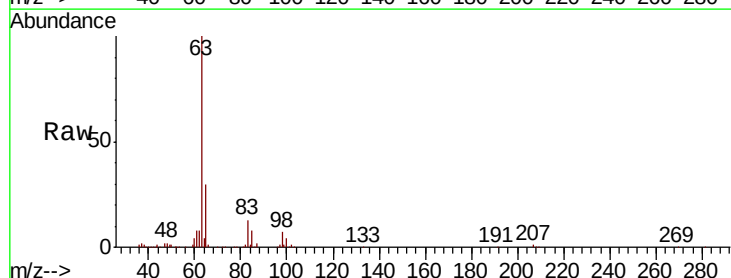
Tgt Ion: 63 Resp: 113831

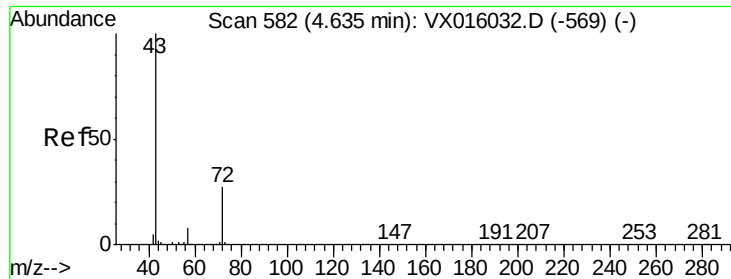
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 94.188 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

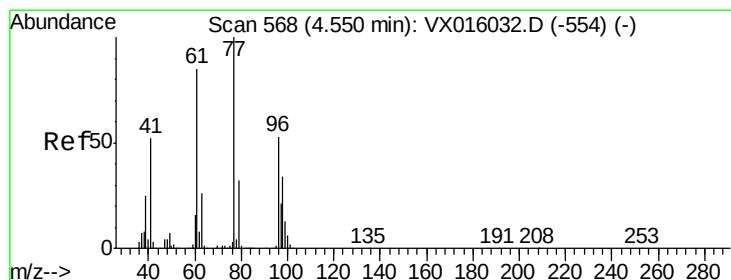
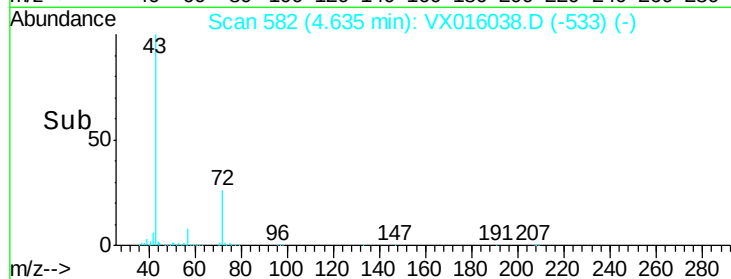
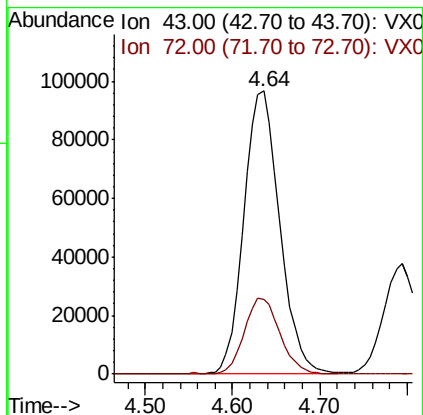
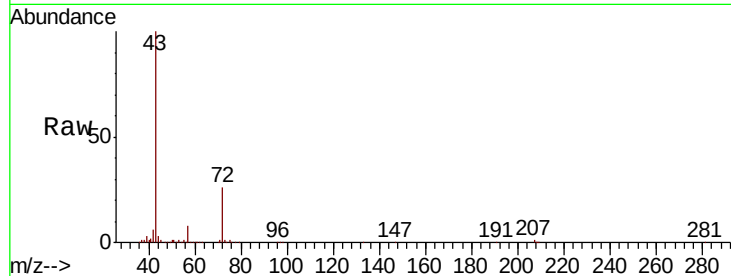
VX0504WBSD01

Tot Ion: 43 Resp: 274259

Ion Ratio Lower Upper

43 100

72 26.3 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.537 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016038.D

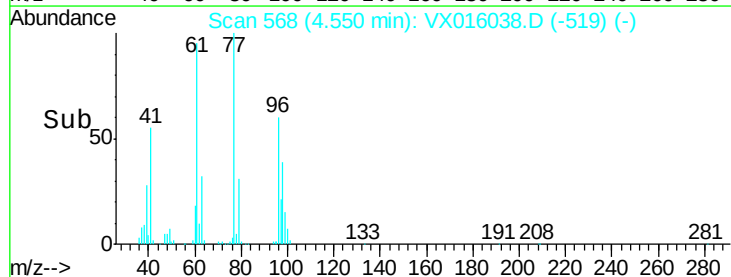
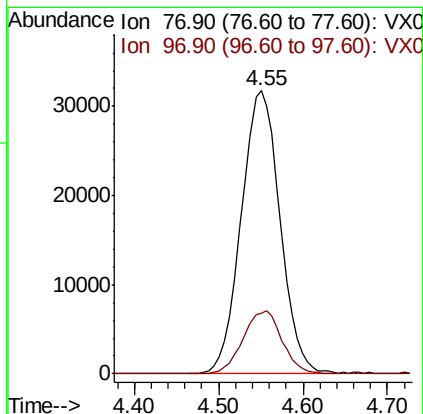
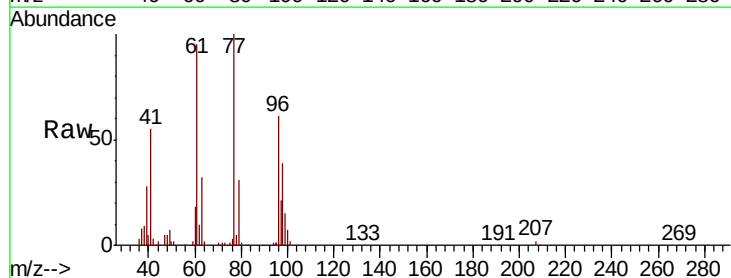
Acq: 04 May 2020 16:22

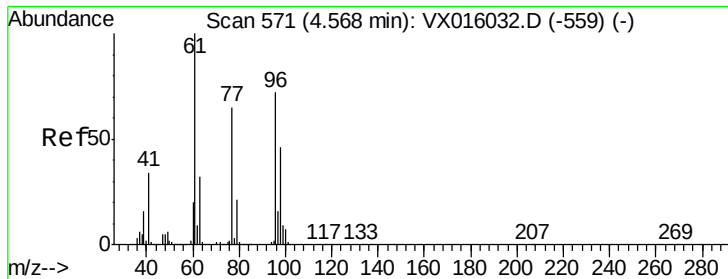
Tgt Ion: 77 Resp: 99143

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



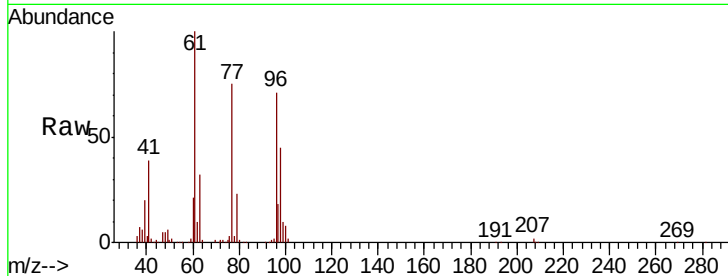


#27

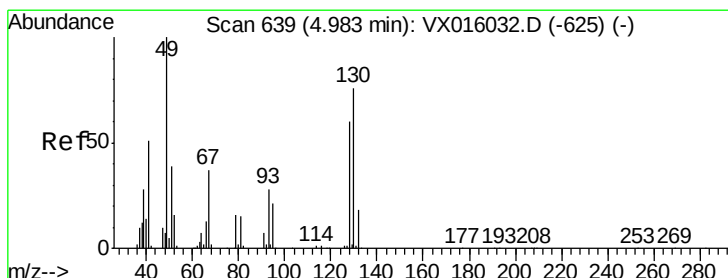
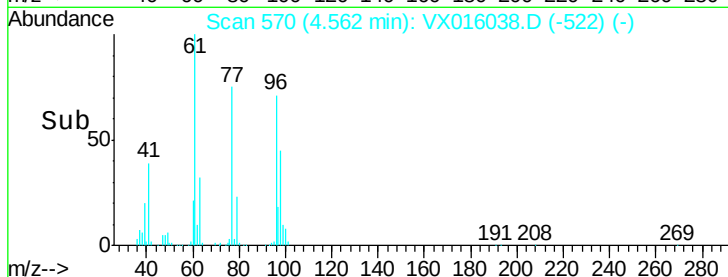
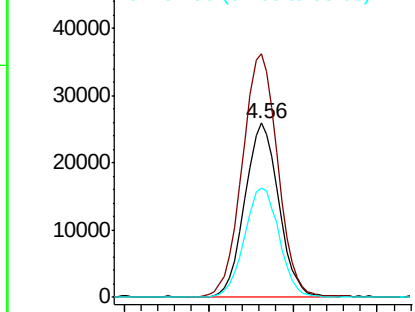
cis-1,2-Dichloroethene
 Concen: 18.102 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	296.2
98	64.8	0.0	129.4



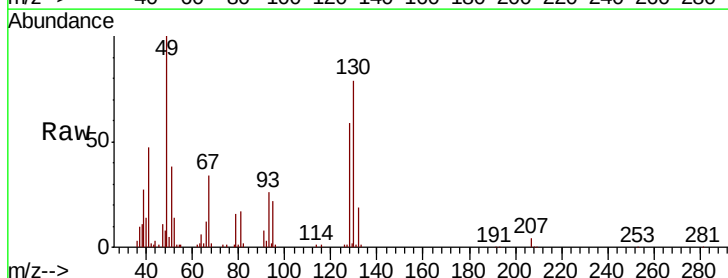
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



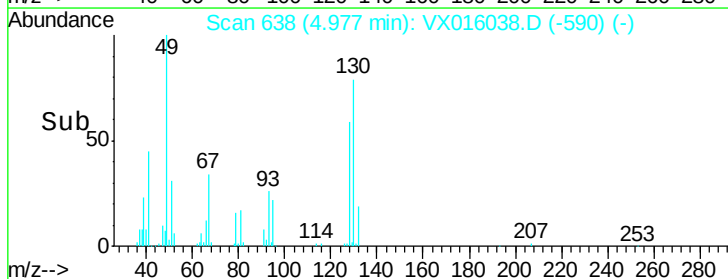
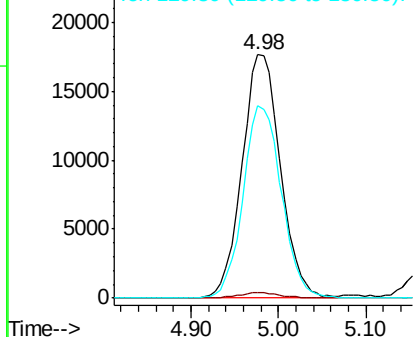
#28

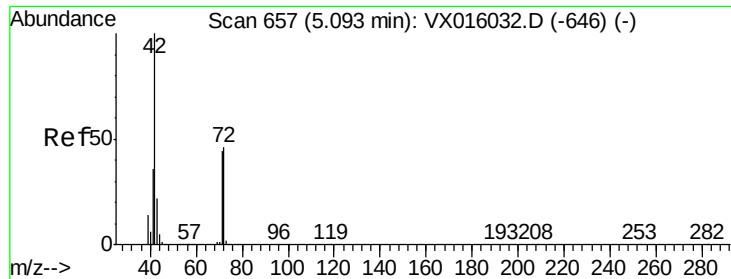
Bromochloromethane
 Concen: 19.100 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	78.7	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

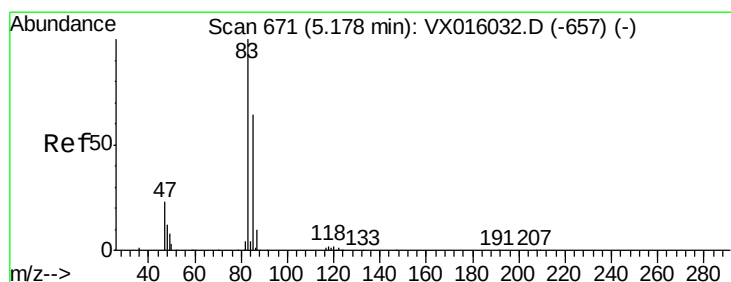
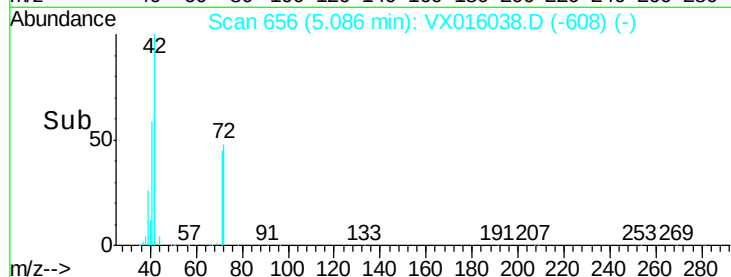
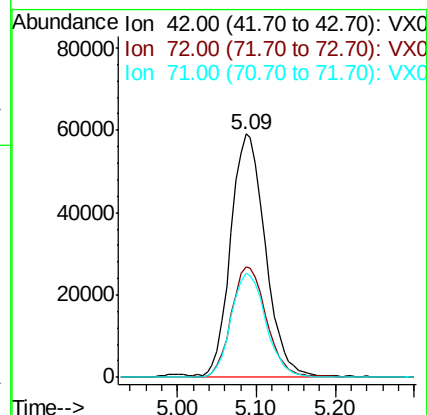
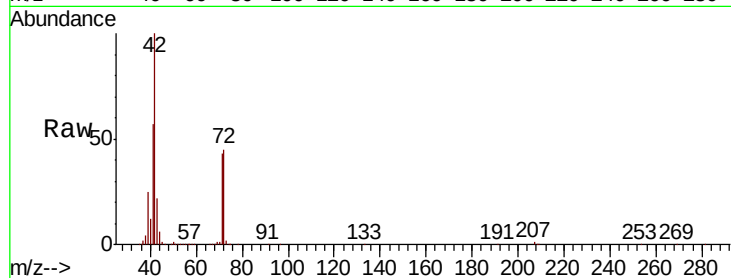




#29
Tetrahydrofuran
Concen: 93.108 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

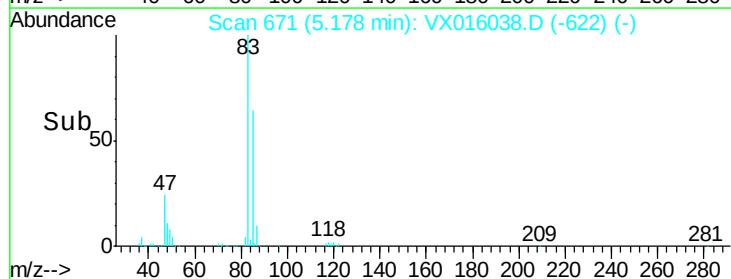
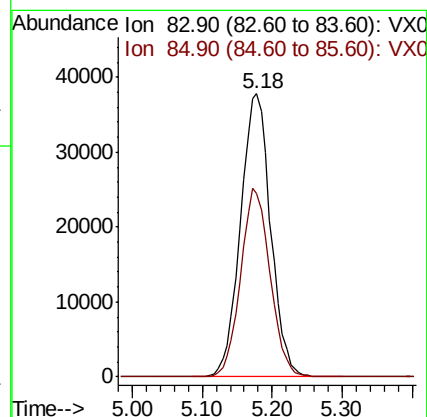
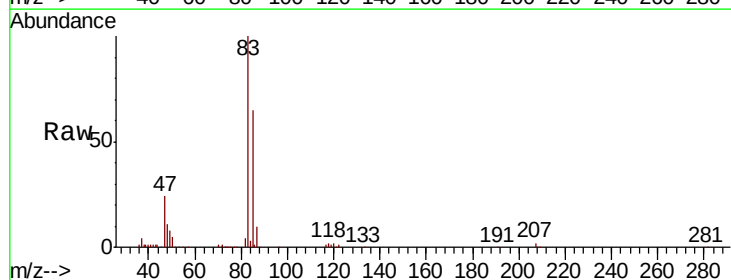
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

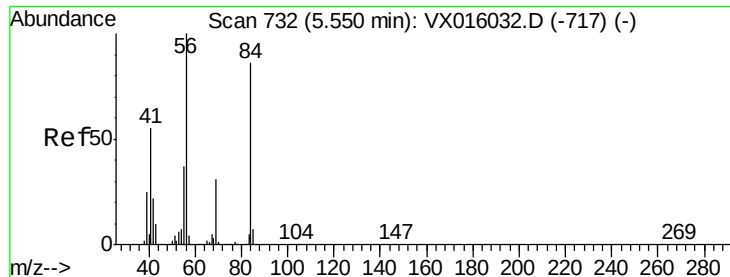
Tot Ion: 42 Resp: 179640
Ion Ratio Lower Upper
42 100
72 46.7 37.1 55.7
71 43.1 34.5 51.7



#30
Chloroform
Concen: 18.330 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 83 Resp: 112982
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4

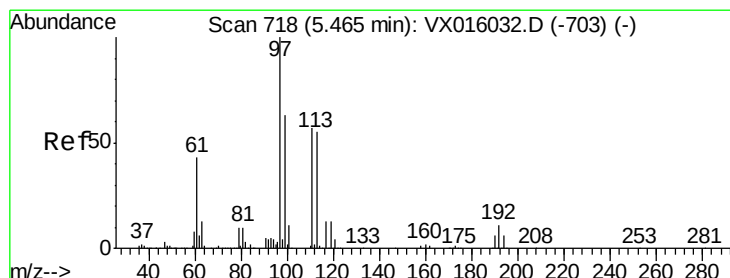
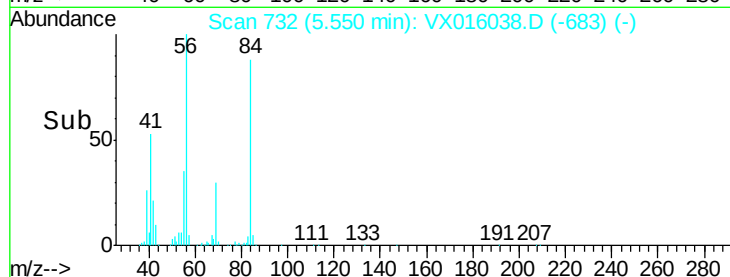
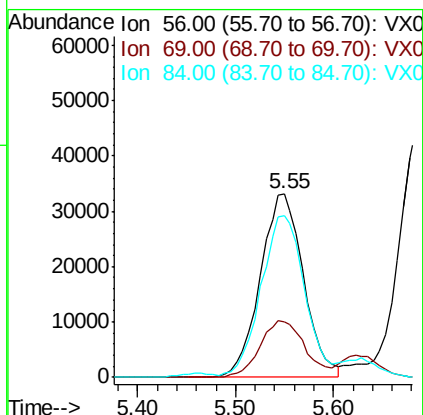
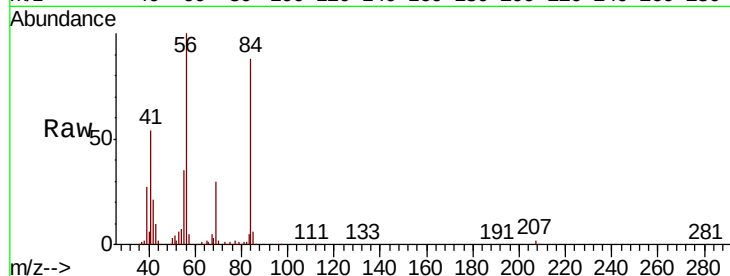




#31
Cyclohexane
Concen: 18.183 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

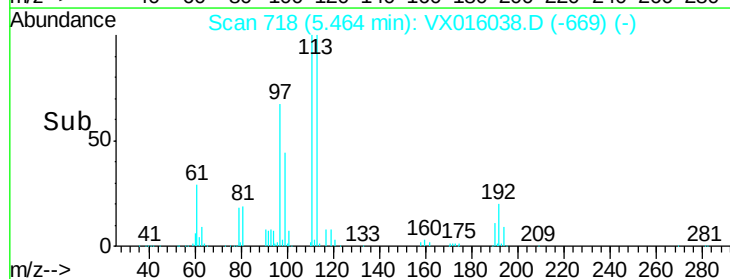
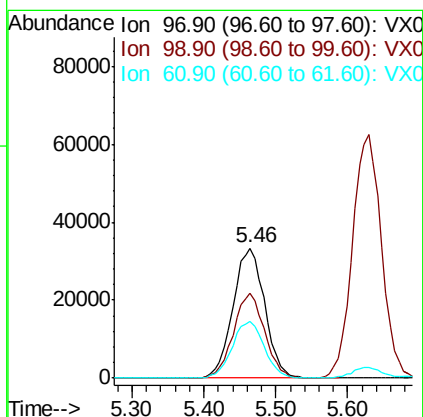
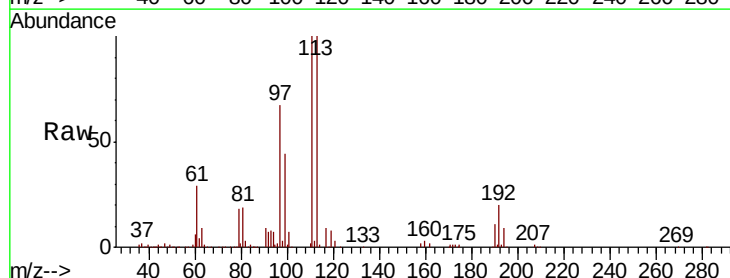
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

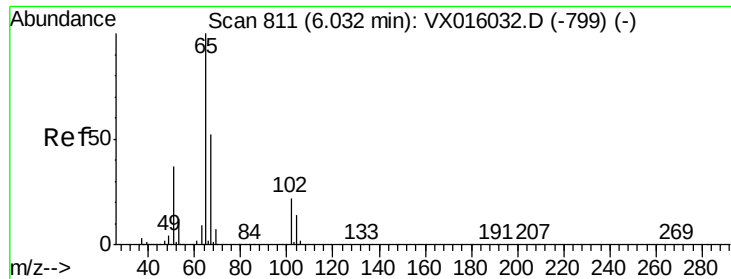
Tot Ion: 56 Resp: 102301
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 86.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.242 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 97 Resp: 102207
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 44.2 34.5 51.7

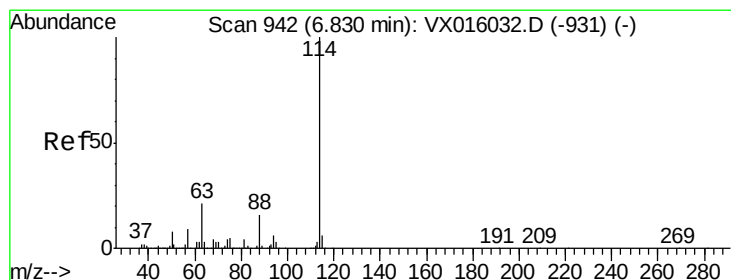
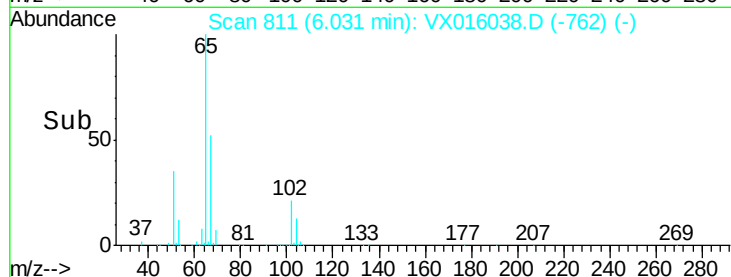
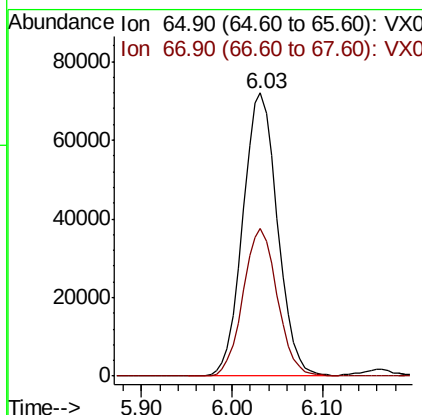
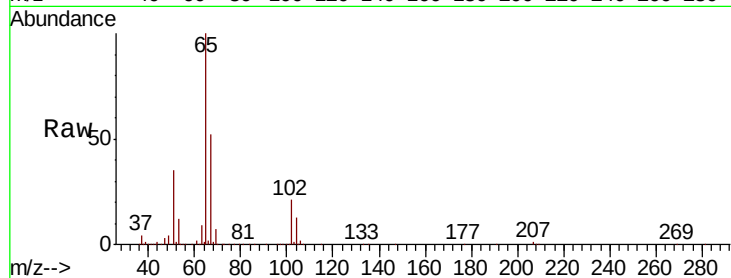




#33
 1,2-Dichloroethane-d4
 Concen: 47.014 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

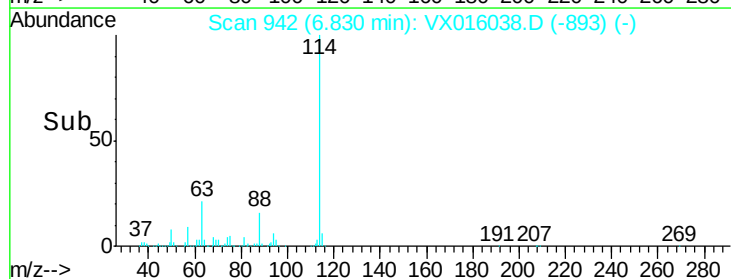
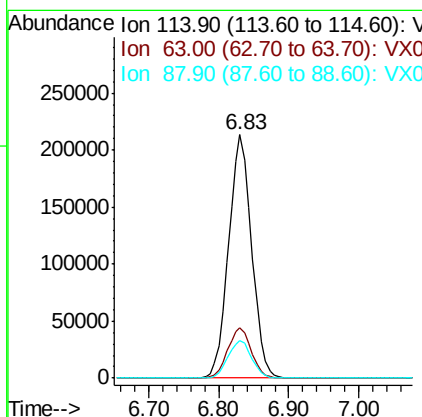
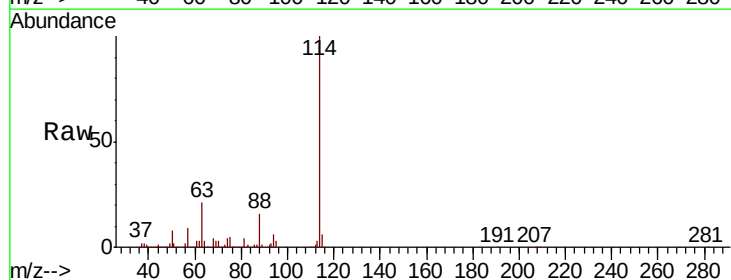
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

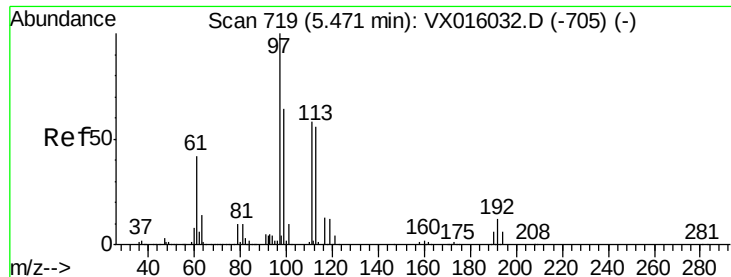
Tot Ion: 65 Resp: 190401
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion: 114 Resp: 486979
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.7 0.0 31.4

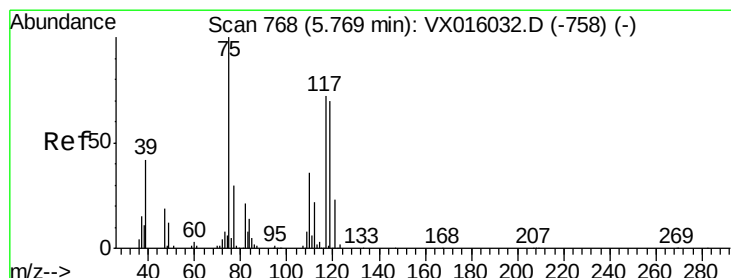
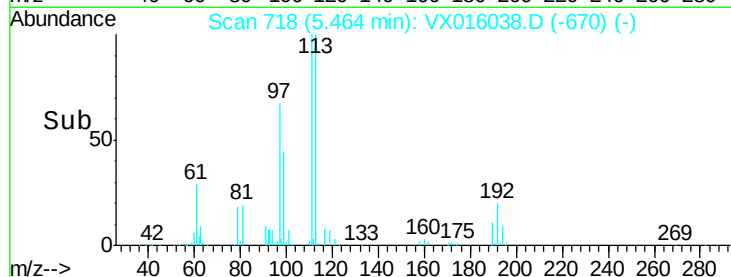
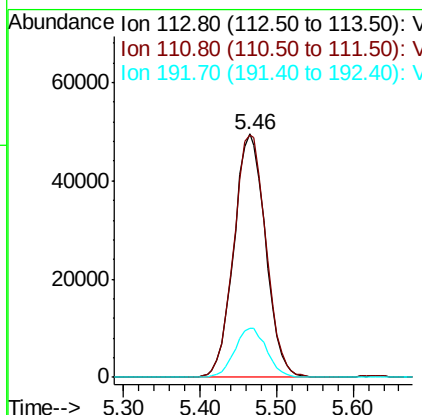
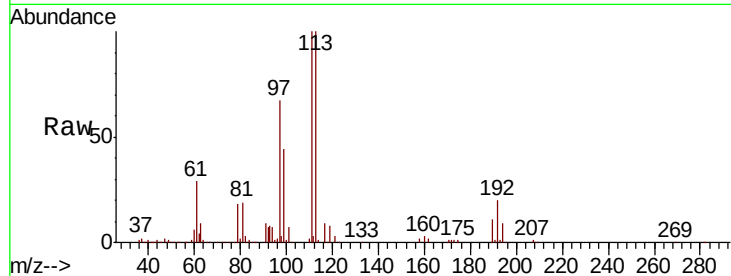




#35
Dibromofluoromethane
Concen: 45.984 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

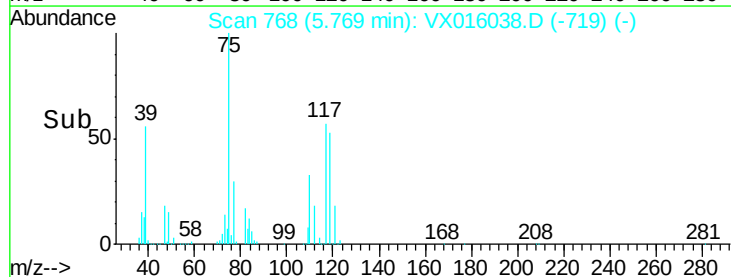
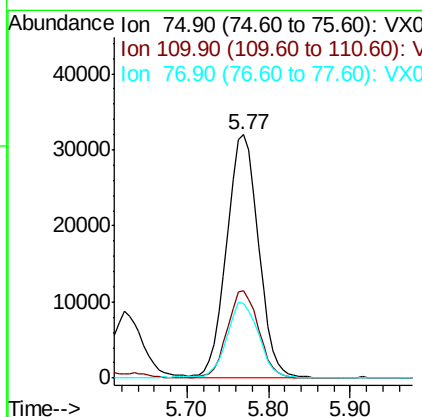
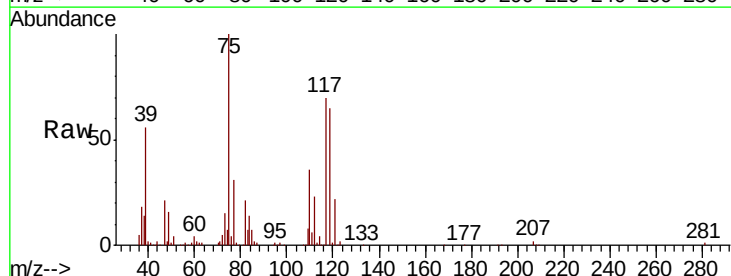
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

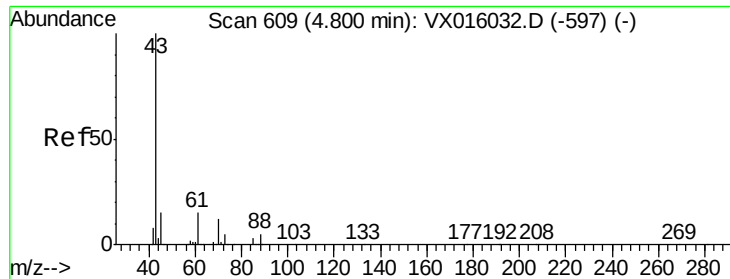
Tot Ion:113 Resp: 141870
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 20.6 17.0 25.4



#36
1,1-Dichloropropene
Concen: 18.122 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 75 Resp: 86872
Ion Ratio Lower Upper
75 100
110 35.1 18.1 54.1
77 30.4 25.0 37.6

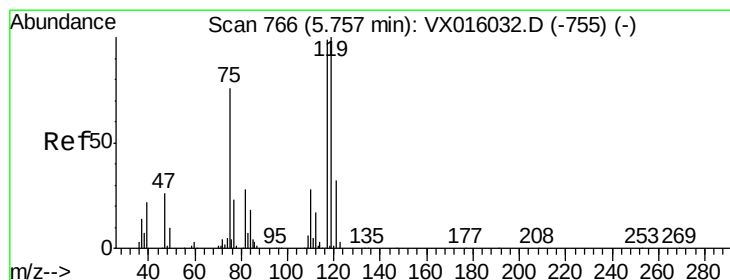
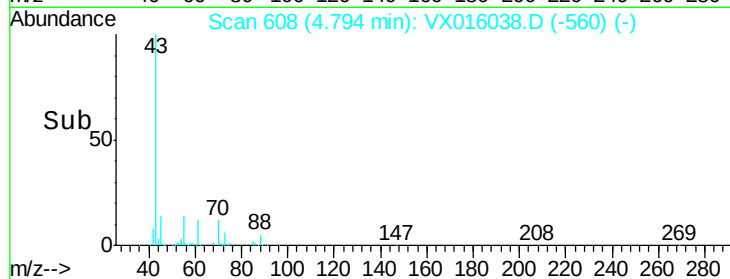
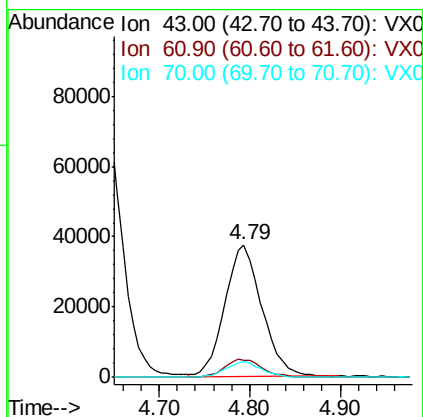
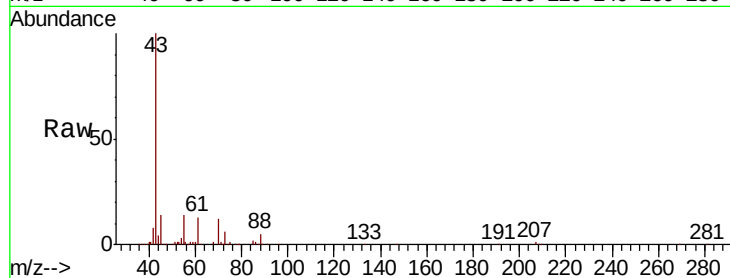




#37
Ethyl Acetate
Concen: 19.098 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

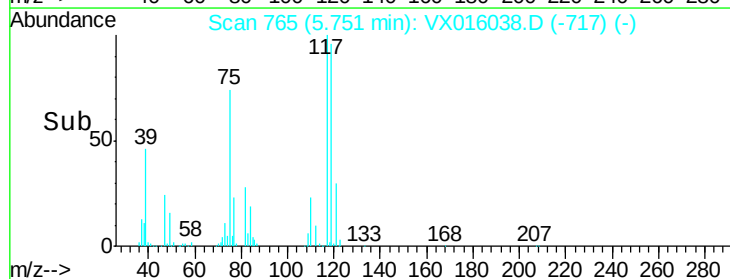
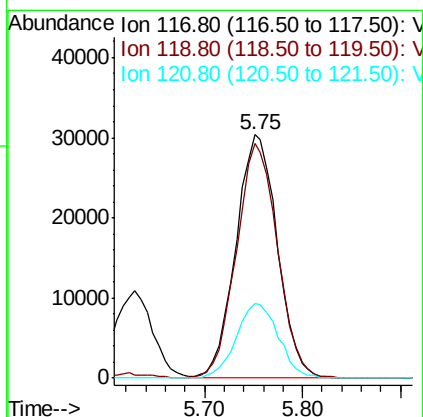
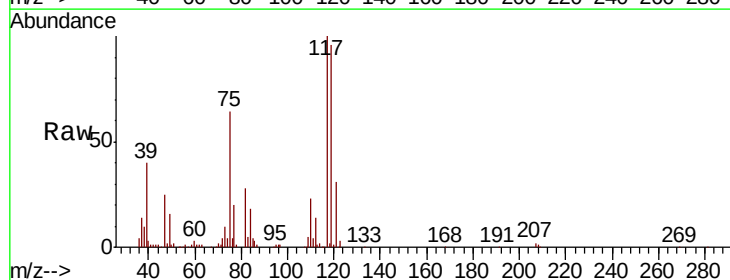
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

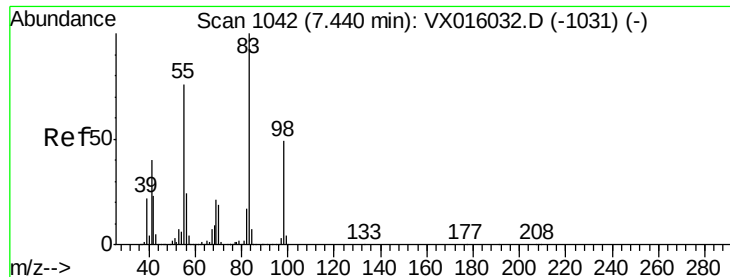
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	11.8	9.3	13.9



#38
Carbon Tetrachloride
Concen: 18.276 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	80.3	120.5
121	30.6	25.7	38.5

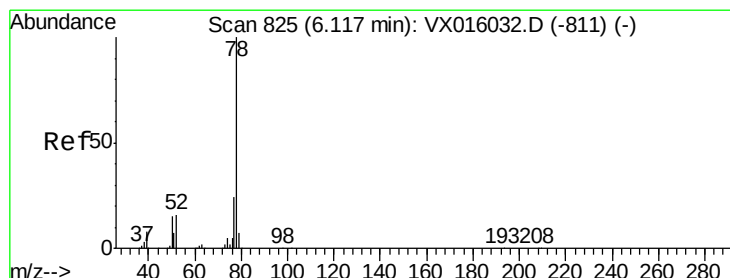
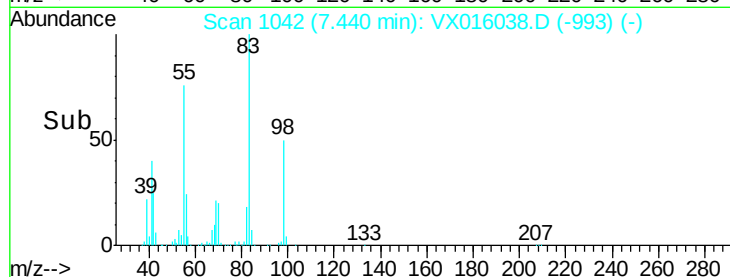
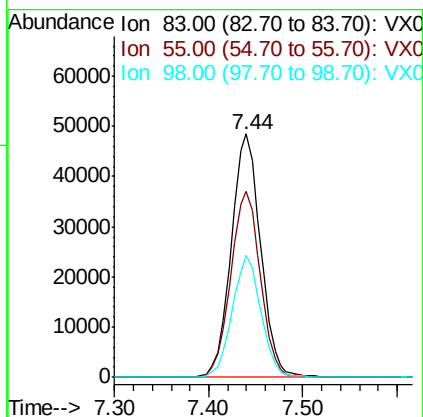
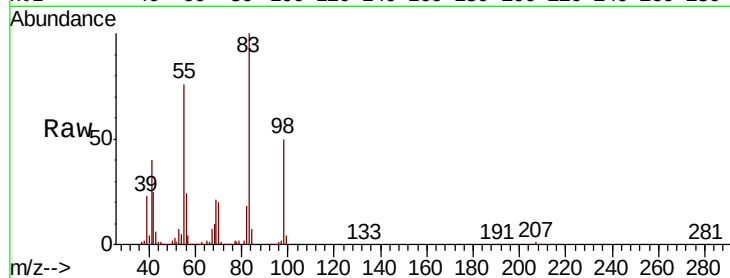




#39
Methylvlcyclohexane
Concen: 18.138 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

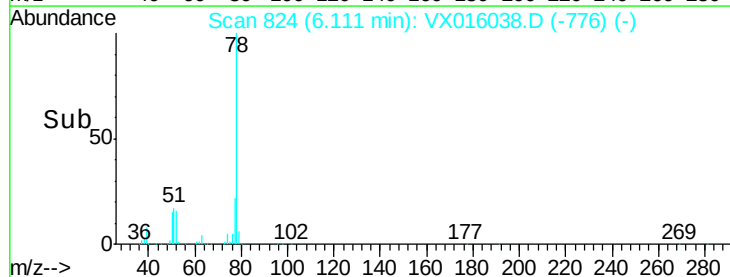
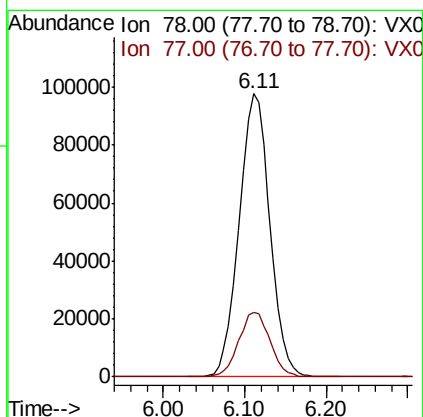
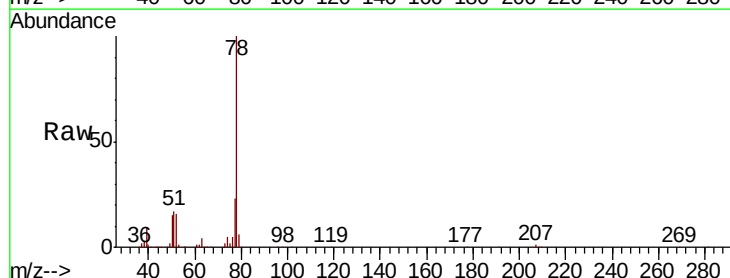
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

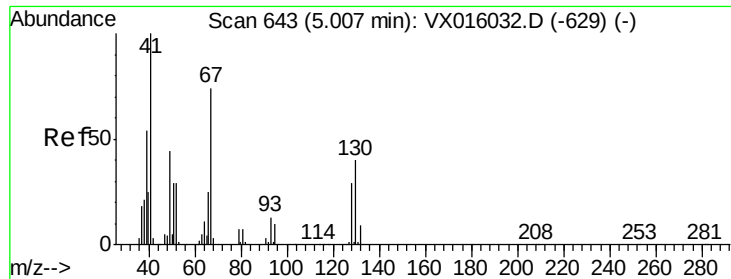
Tot Ion: 83 Resp: 104708
Ion Ratio Lower Upper
83 100
55 76.2 61.1 91.7
98 50.2 39.0 58.4



#40
Benzene
Concen: 18.218 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 78 Resp: 255526
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

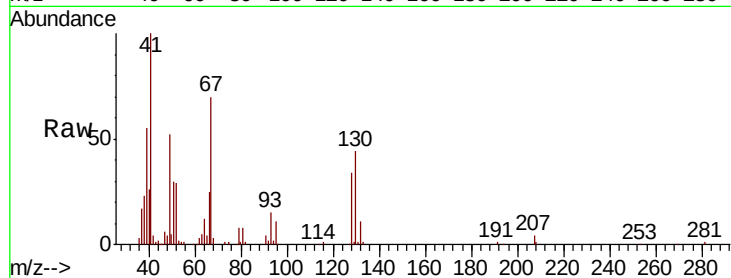




#41
Methacrylonitrile
Concen: 18.687 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

Tot Ion:	41	Resp:	56070
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.2	64.8
67	75.1	59.3	88.9
52	30.5	23.5	35.3



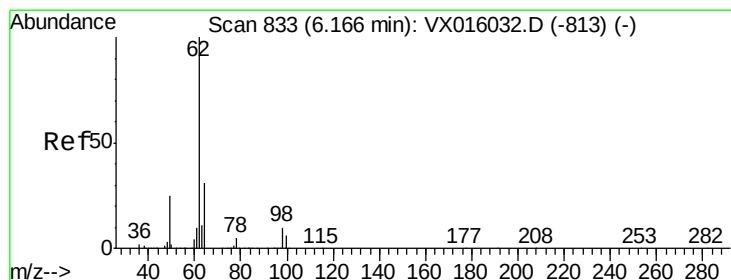
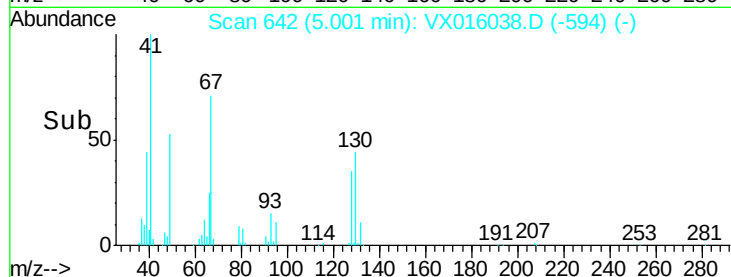
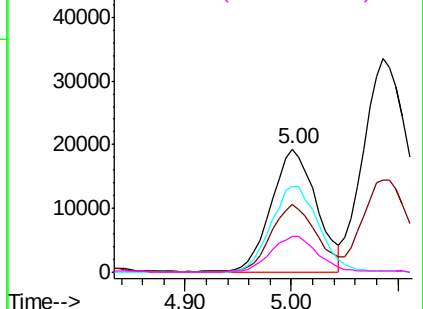
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

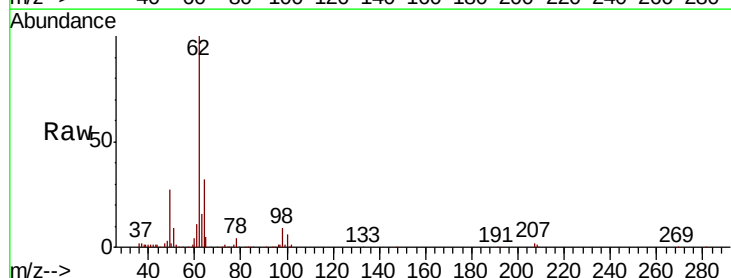
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.055 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

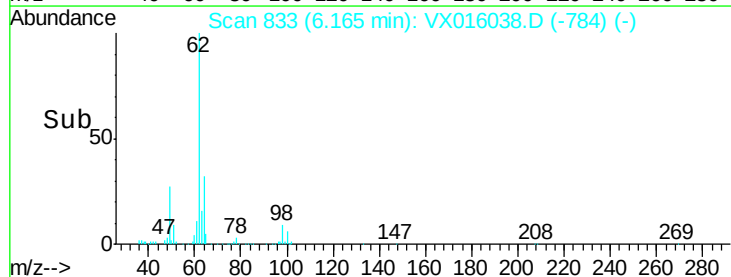
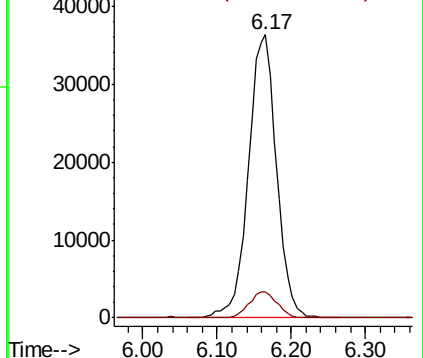
Tgt Ion:	62	Resp:	96277
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4

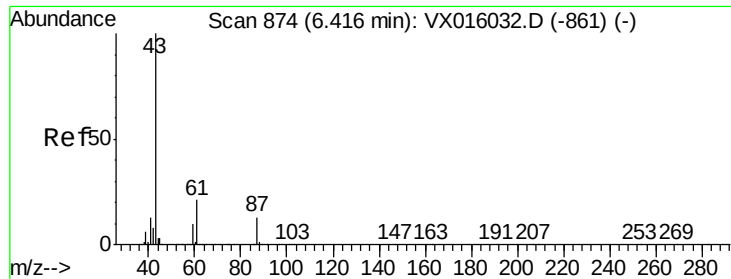


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.076 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

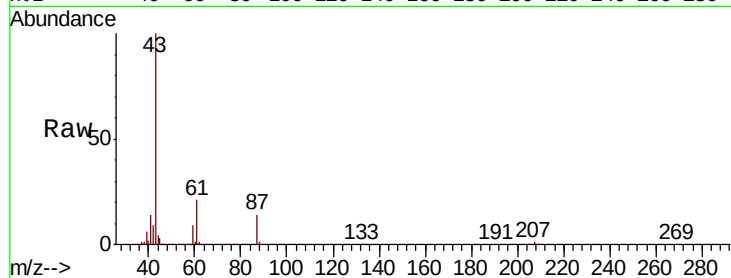
Tot Ion: 43 Resp: 169107

Ion Ratio Lower Upper

43 100

61 20.7 17.0 25.4

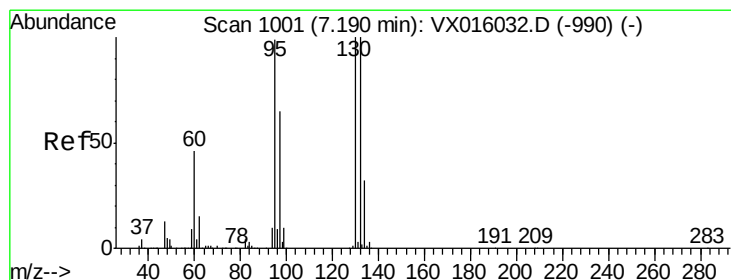
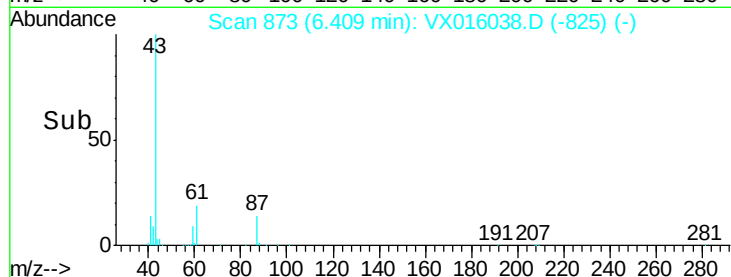
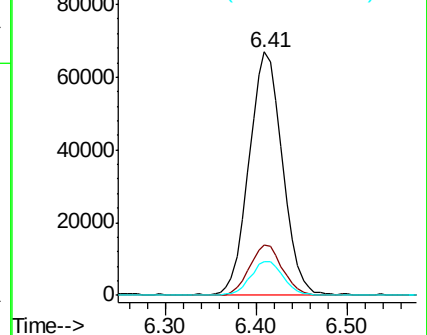
87 13.9 11.0 16.6



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: 18.367 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016038.D

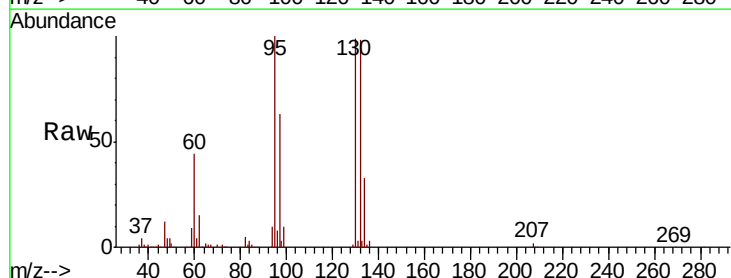
Acq: 04 May 2020 16:22

Tgt Ion: 130 Resp: 91523

Ion Ratio Lower Upper

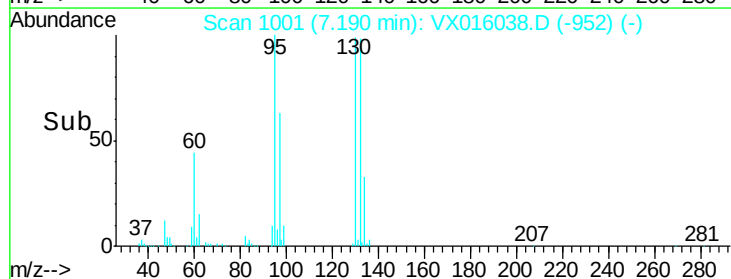
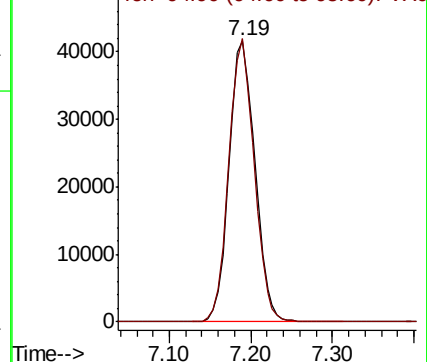
130 100

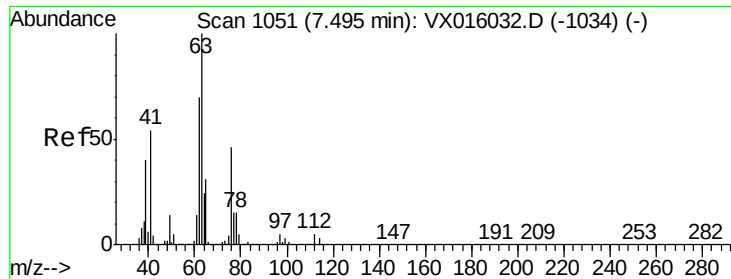
95 100.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.611 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

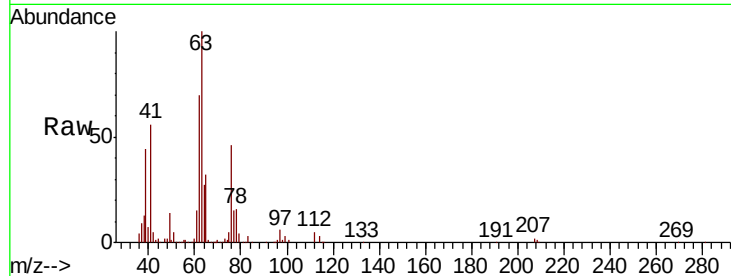
VX0504WBSD01

Tot Ion: 63 Resp: 66051

Ion Ratio Lower Upper

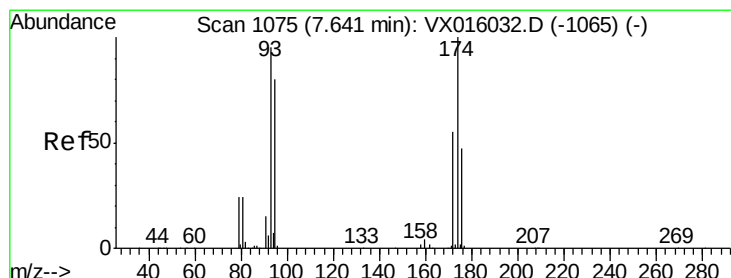
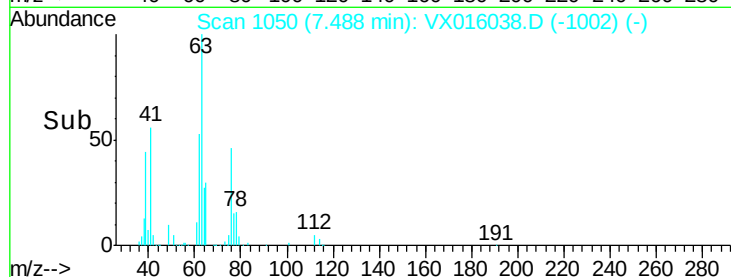
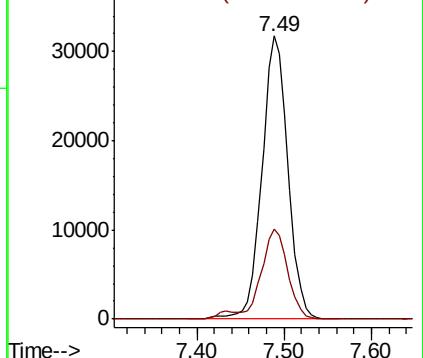
63 100

65 31.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.611 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

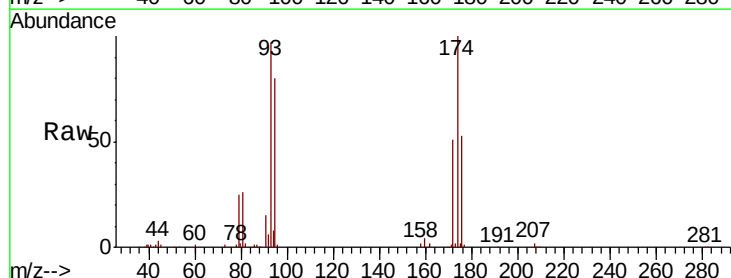
Tgt Ion: 93 Resp: 44886

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

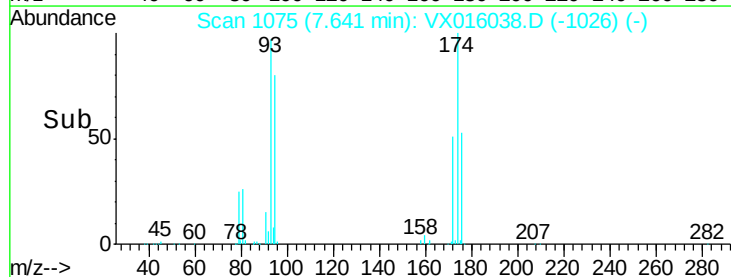
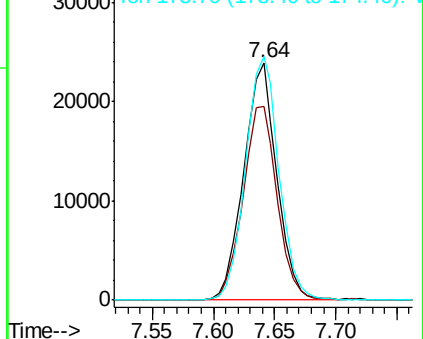
174 104.2 84.2 126.4

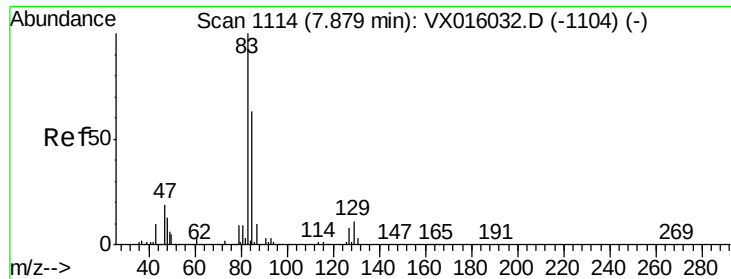


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.445 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

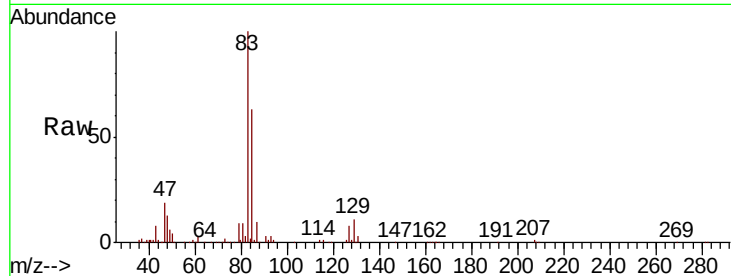
Tot Ion: 83 Resp: 90602

Ion Ratio Lower Upper

83 100

85 63.2 50.5 75.7

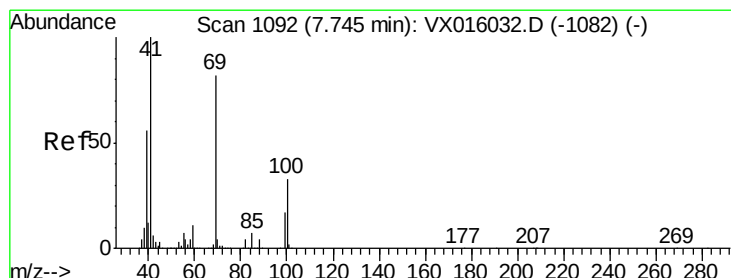
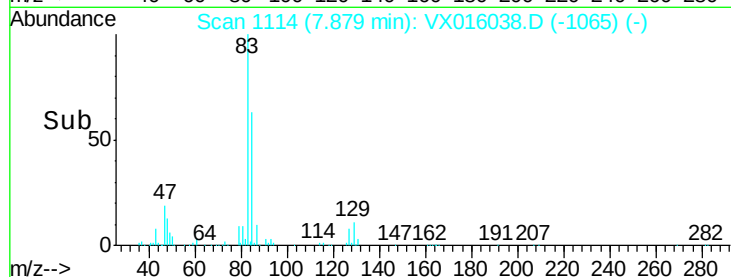
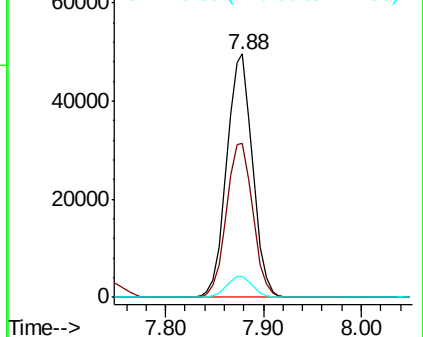
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.882 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

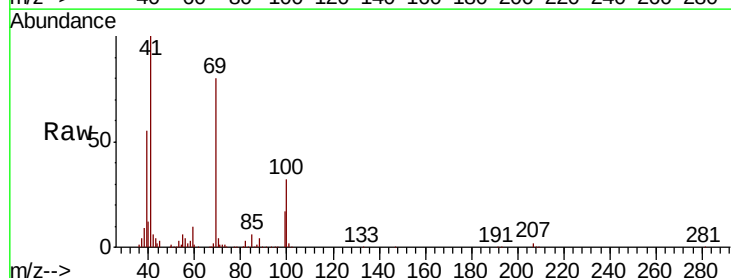
Tgt Ion: 41 Resp: 79316

Ion Ratio Lower Upper

41 100

69 83.5 67.8 101.6

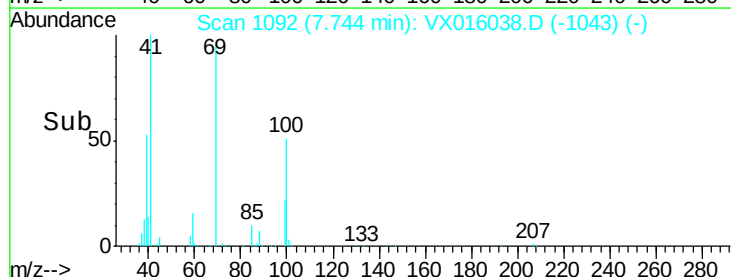
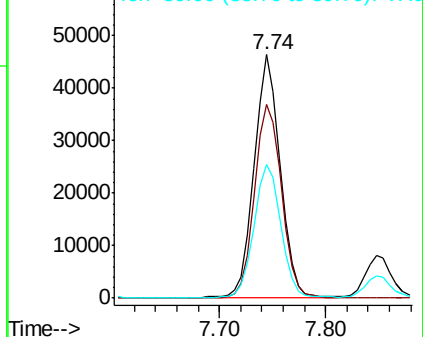
39 57.0 44.6 67.0

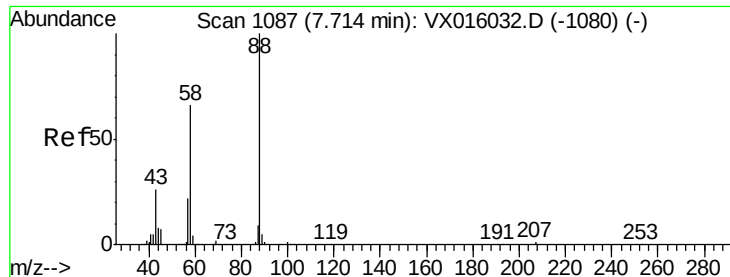


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 377.547 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

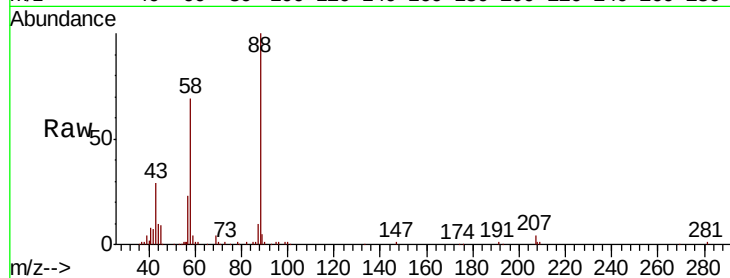
Tot Ion: 88 Resp: 38035

Ion Ratio Lower Upper

88 100

43 32.6 25.3 37.9

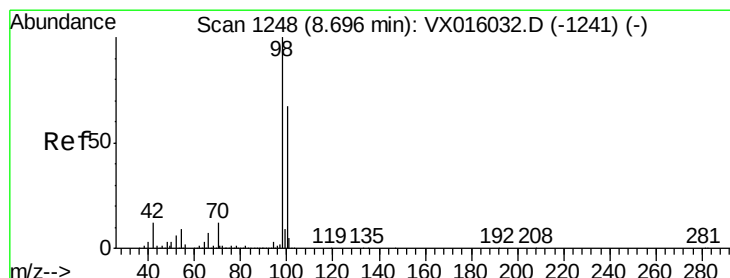
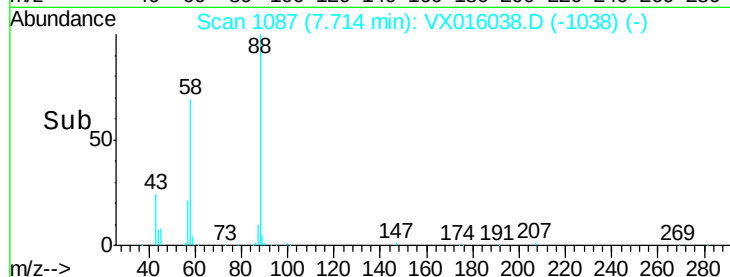
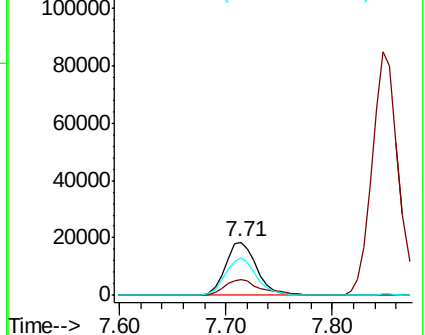
58 69.6 55.9 83.9



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: 46.598 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016038.D

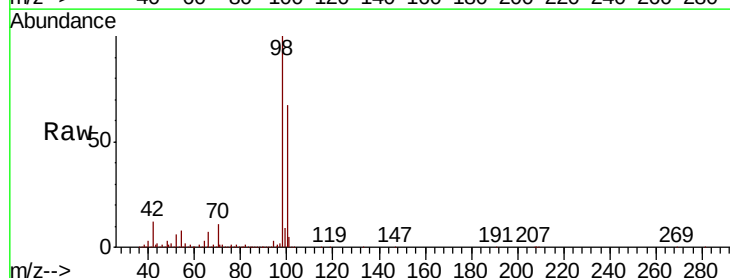
Acq: 04 May 2020 16:22

Tgt Ion: 98 Resp: 553939

Ion Ratio Lower Upper

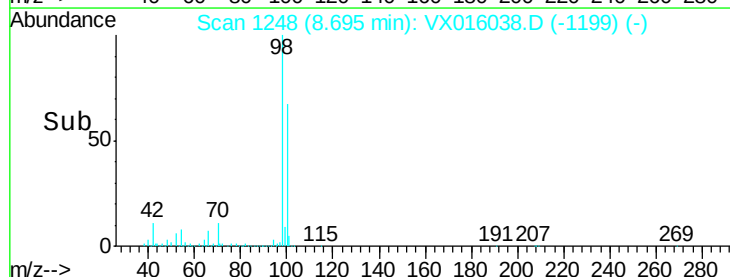
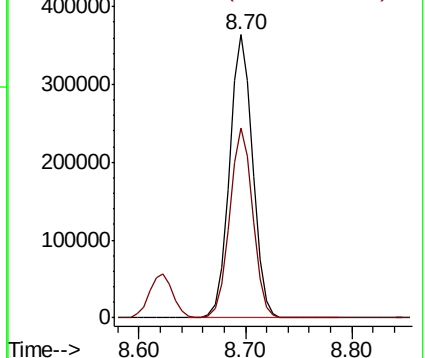
98 100

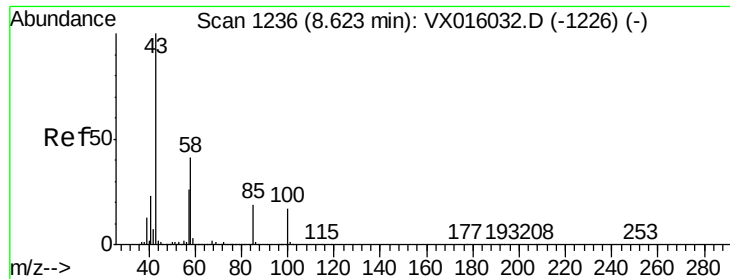
100 66.8 53.7 80.5



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: 96.275 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

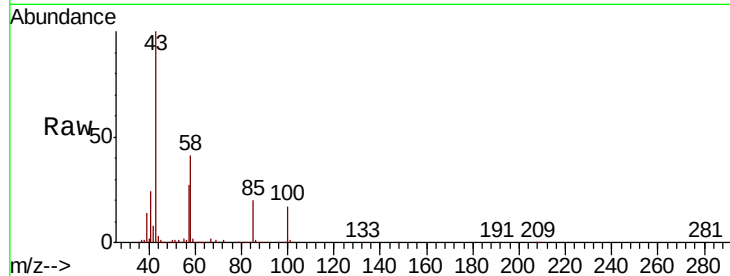
VX0504WBSD01

Tot Ion: 43 Resp: 522261

Ion Ratio Lower Upper

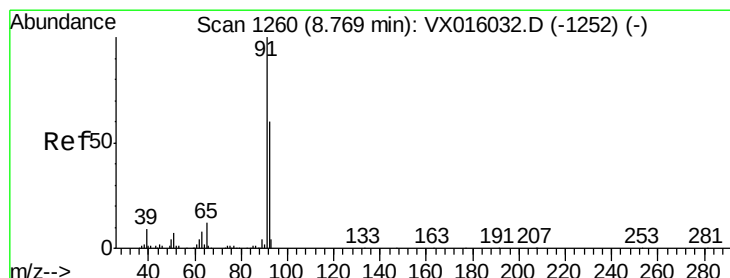
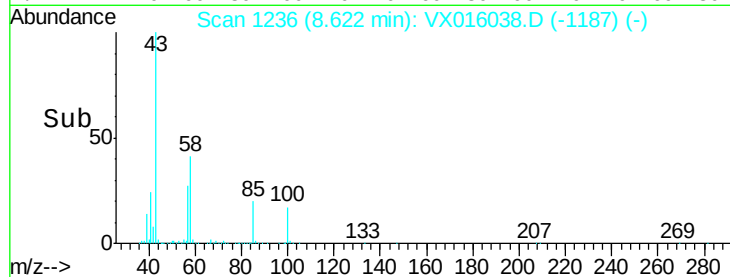
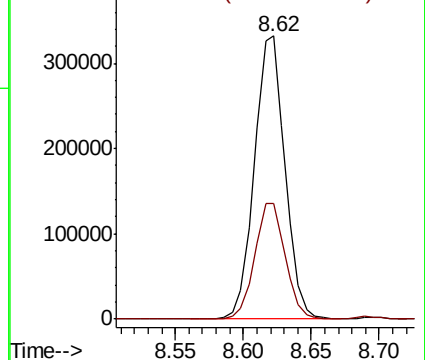
43 100

58 40.8 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.444 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016038.D

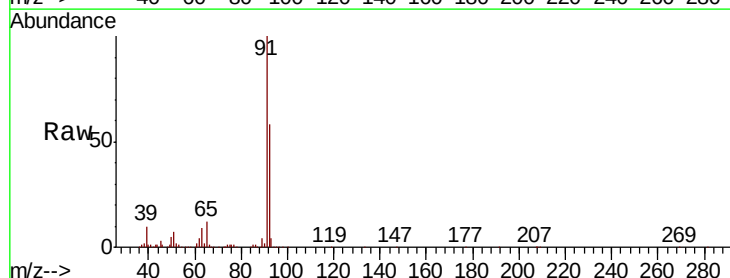
Acq: 04 May 2020 16:22

Tgt Ion: 92 Resp: 161250

Ion Ratio Lower Upper

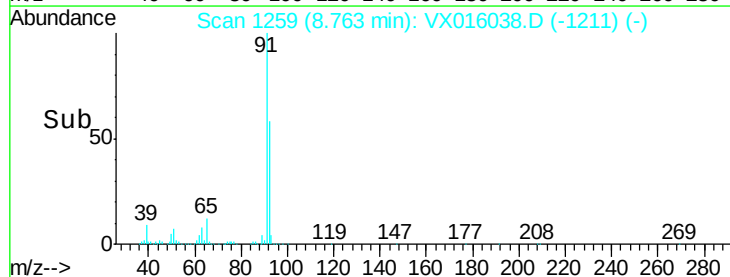
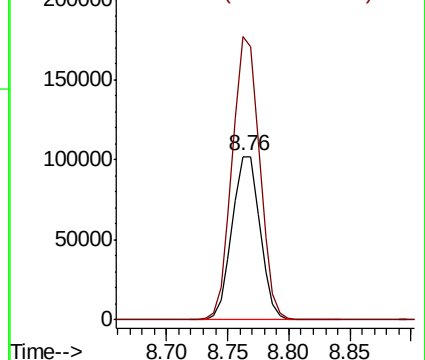
92 100

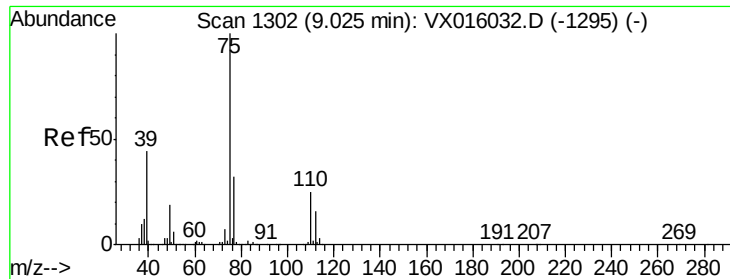
91 169.7 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.553 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

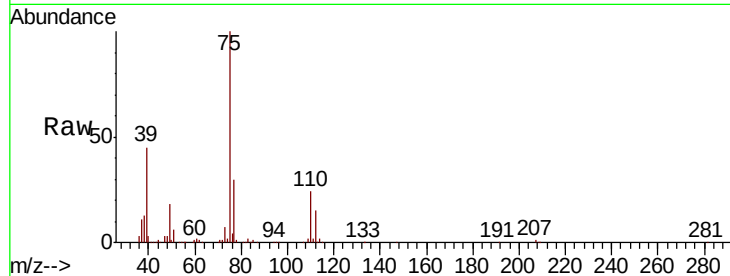
VX0504WBSD01

Tot Ion: 75 Resp: 108658

Ion Ratio Lower Upper

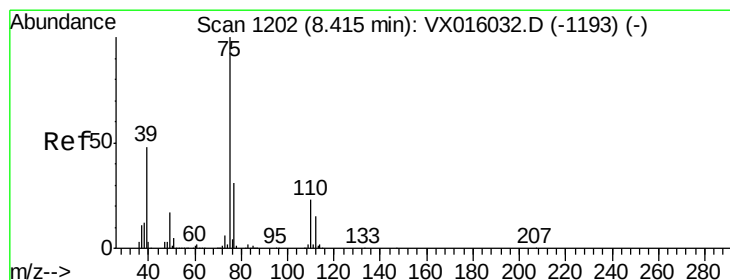
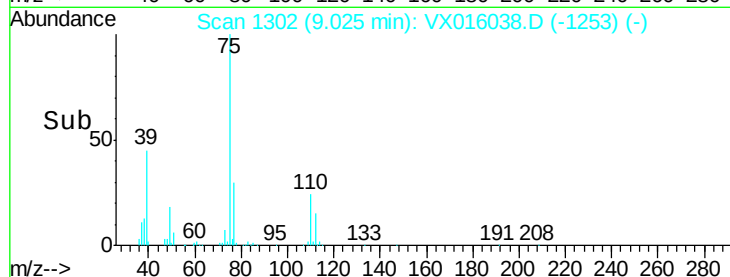
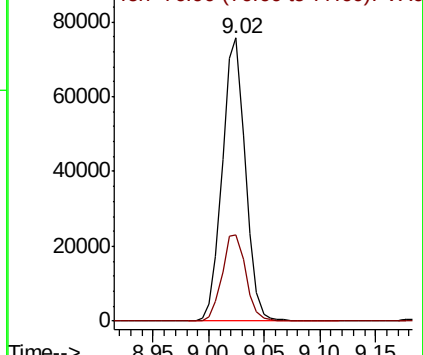
75 100

77 30.4 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: 18.370 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

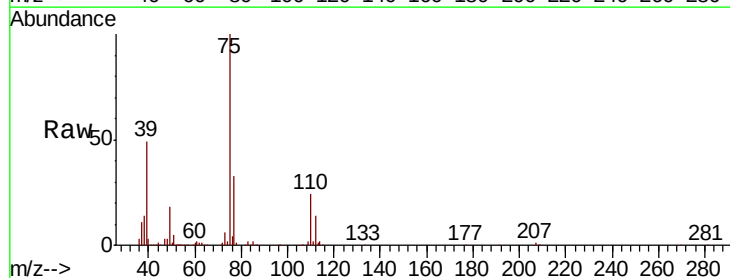
Tgt Ion: 75 Resp: 112376

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1

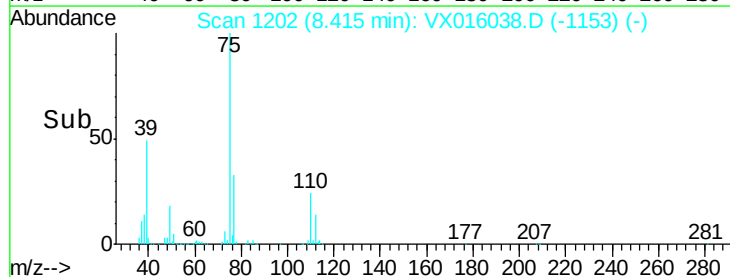
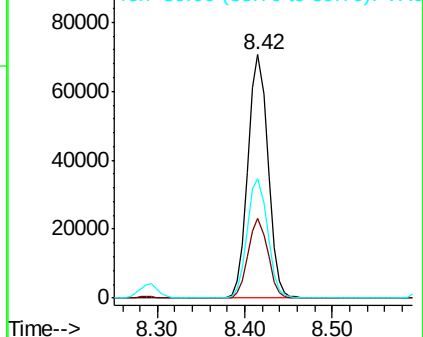
39 48.9 38.7 58.1

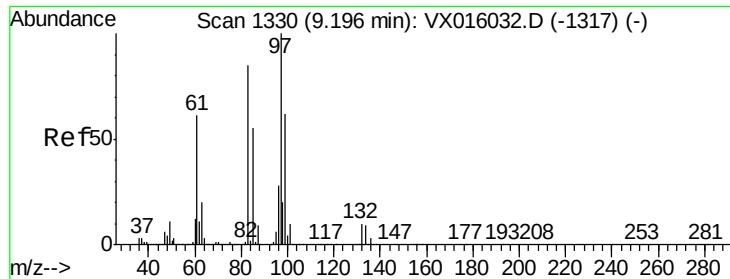


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

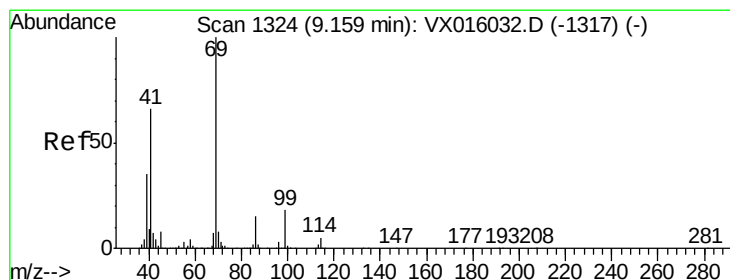
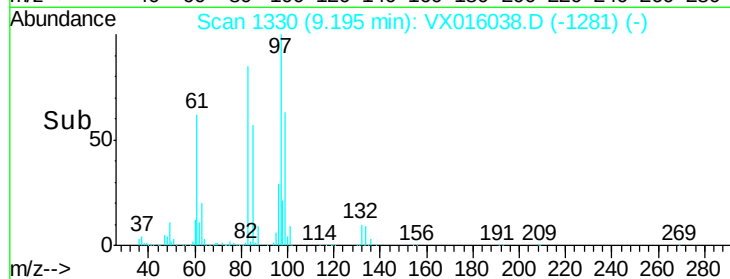
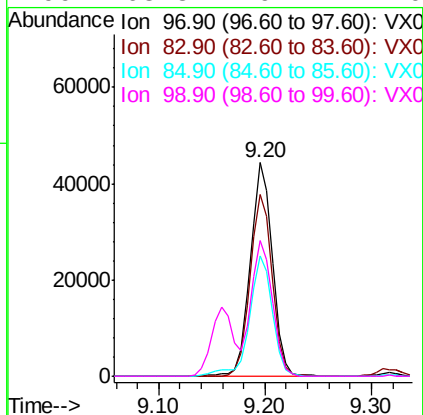
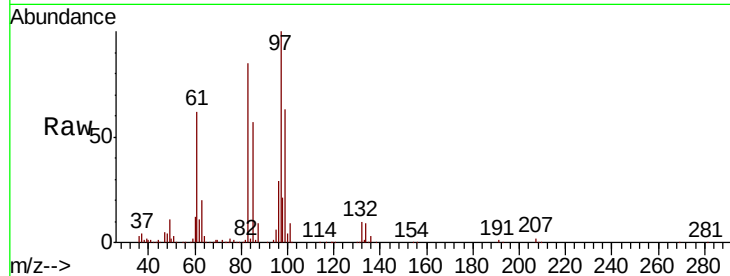




#55
 1,1,2-Trichloroethane
 Concen: 18.797 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

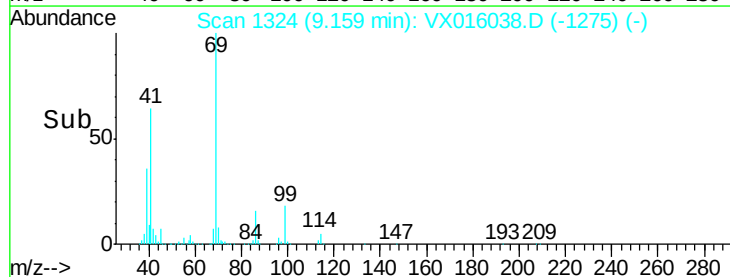
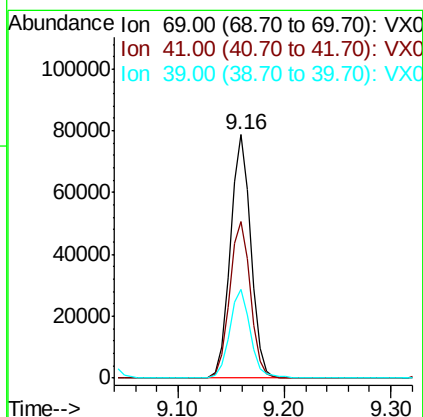
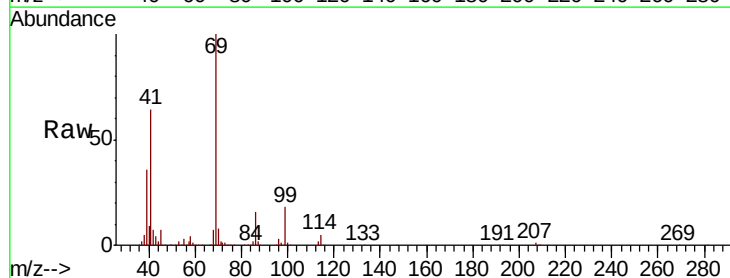
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

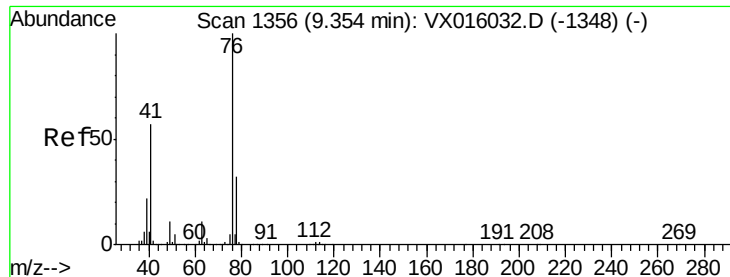
Tot Ion:	97	Resp:	64654
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.8
85	56.6	43.8	65.8
99	63.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.971 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion:	69	Resp:	106514
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.2	78.4
39	36.7	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.666 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

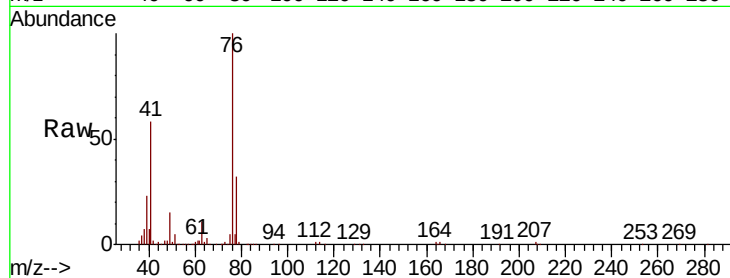
VX0504WBSD01

Tot Ion: 76 Resp: 112028

Ion Ratio Lower Upper

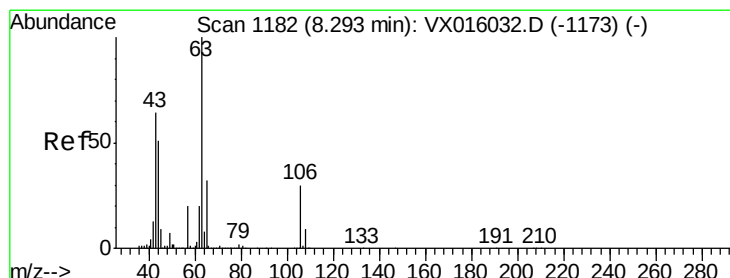
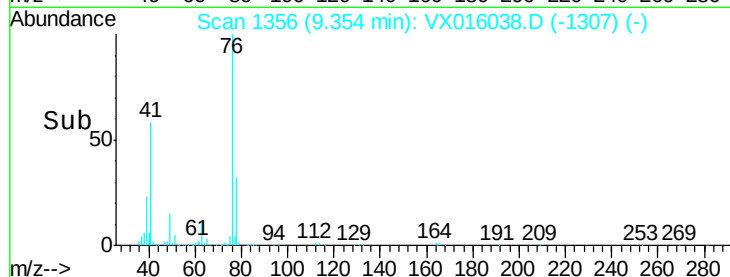
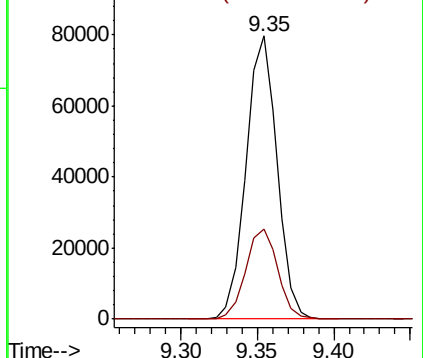
76 100

78 32.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.518 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016038.D

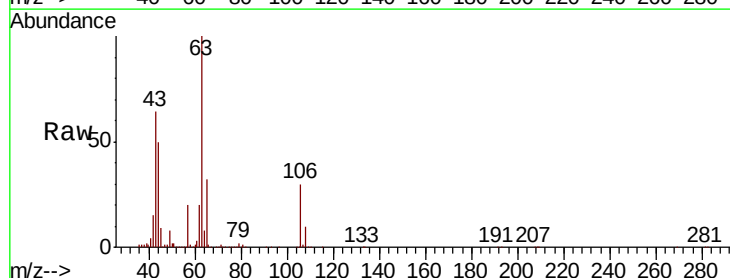
Acq: 04 May 2020 16:22

Tgt Ion: 63 Resp: 285511

Ion Ratio Lower Upper

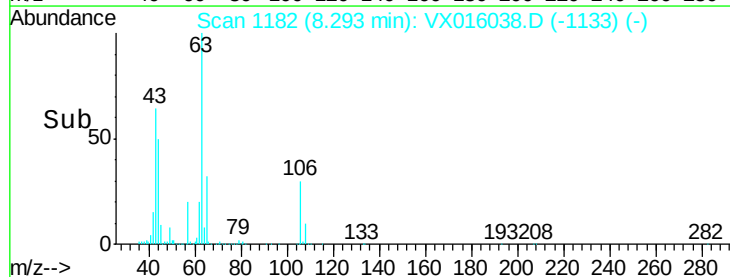
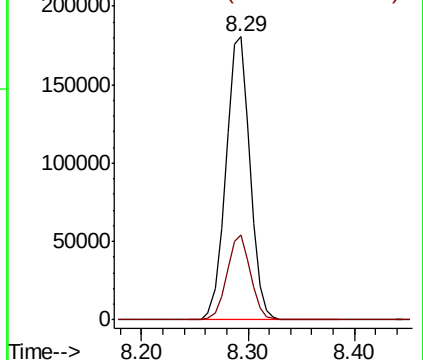
63 100

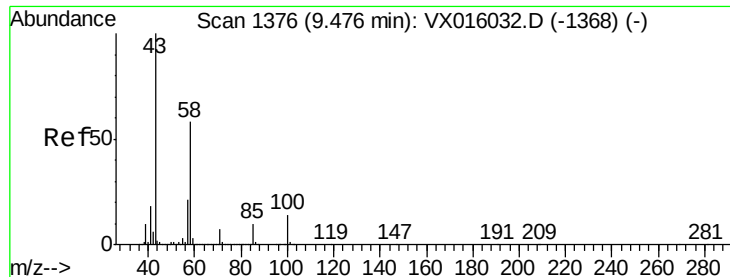
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

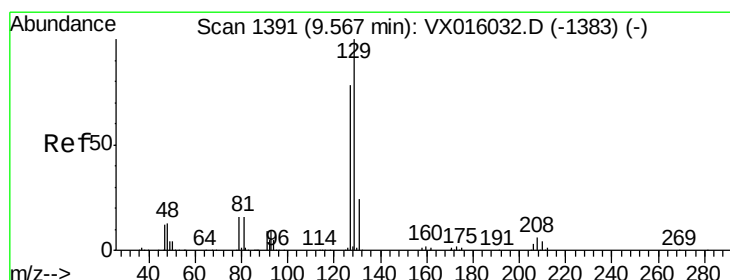
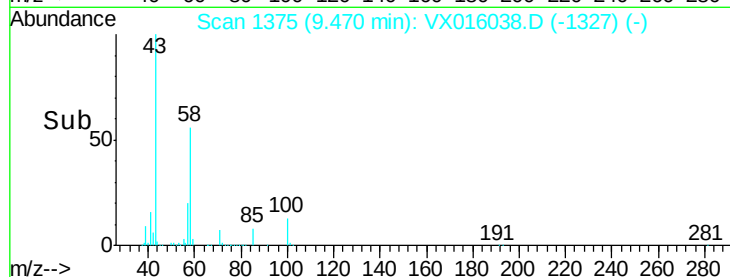
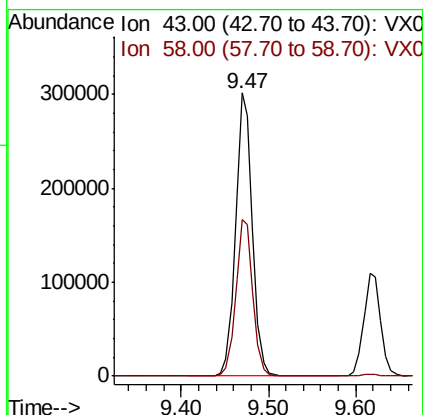
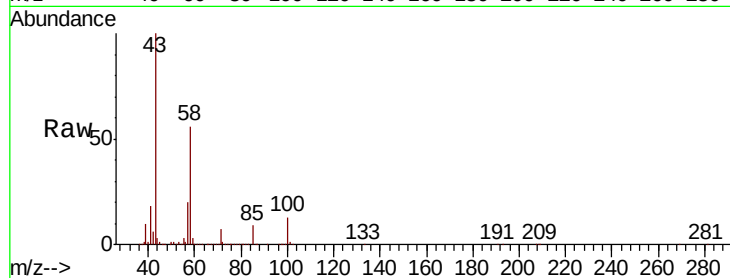




#59
2-Hexanone
Concen: 94.791 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

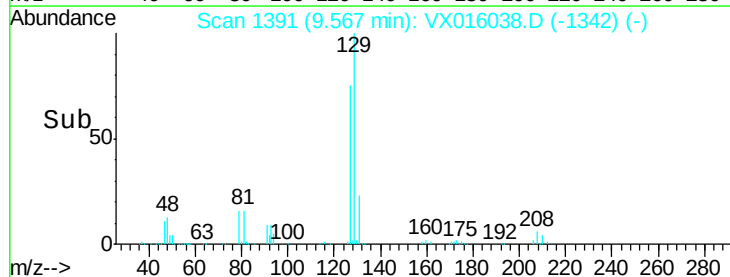
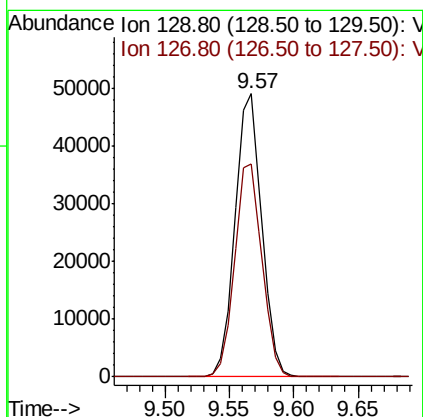
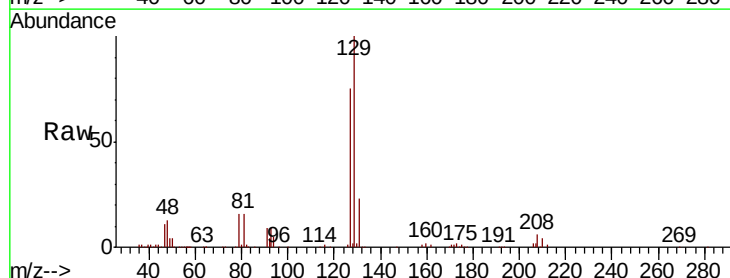
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

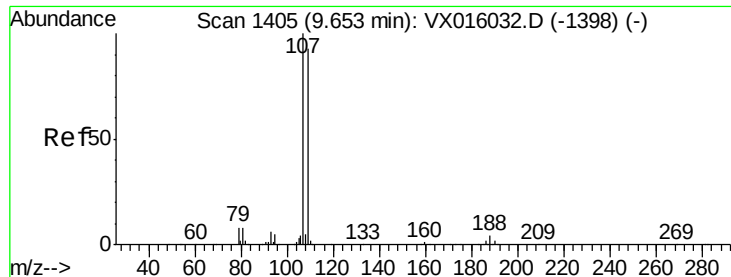
Tot Ion: 43 Resp: 403822
Ion Ratio Lower Upper
43 100
58 56.3 28.6 85.9



#60
Dibromochloromethane
Concen: 18.650 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 129 Resp: 70653
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.892 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

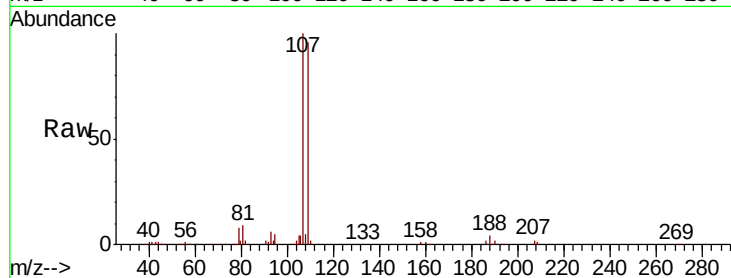
VX0504WBSD01

Tot Ion:107 Resp: 70387

Ion Ratio Lower Upper

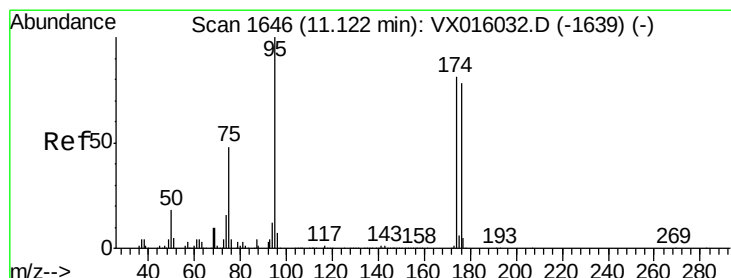
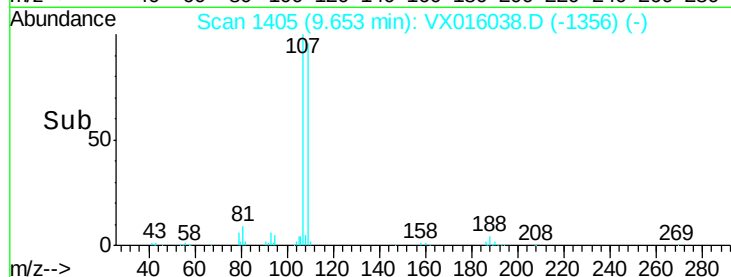
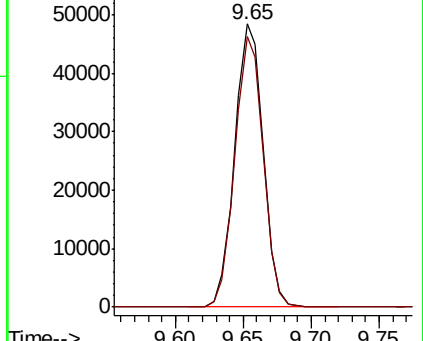
107 100

109 95.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.211 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

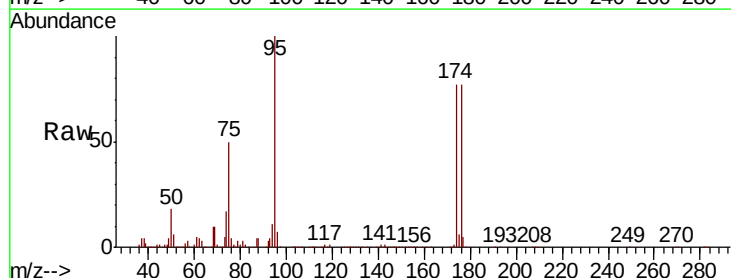
Tgt Ion: 95 Resp: 208943

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.4

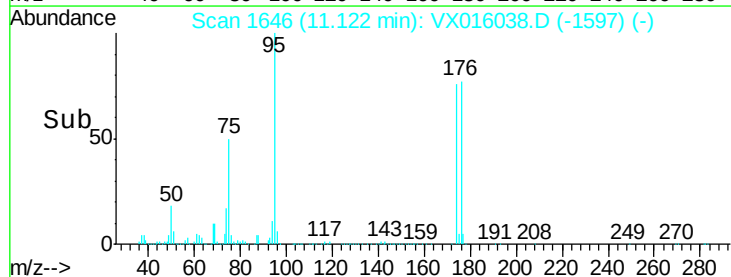
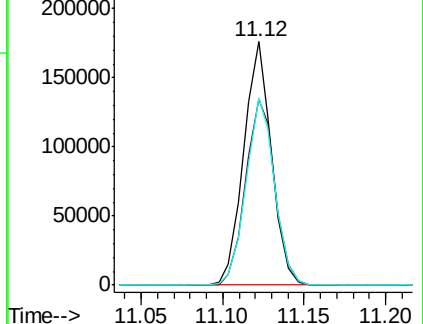
176 79.0 0.0 157.6

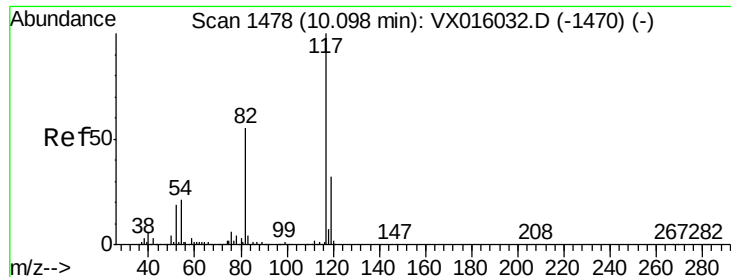


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

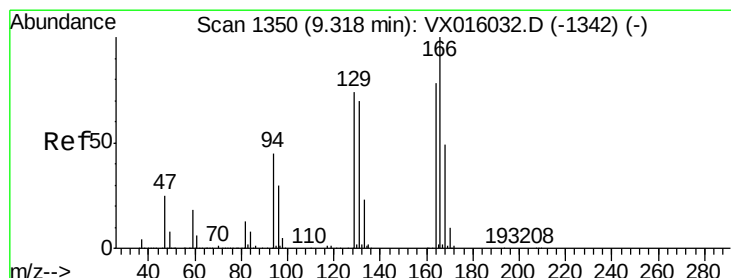
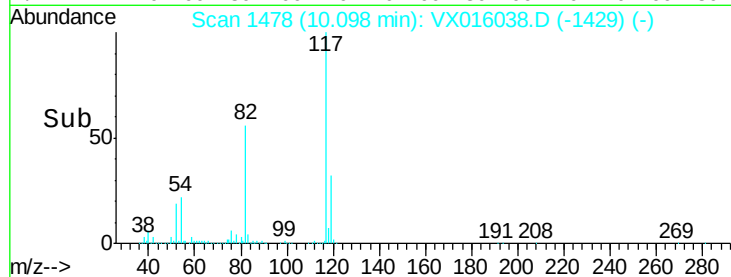
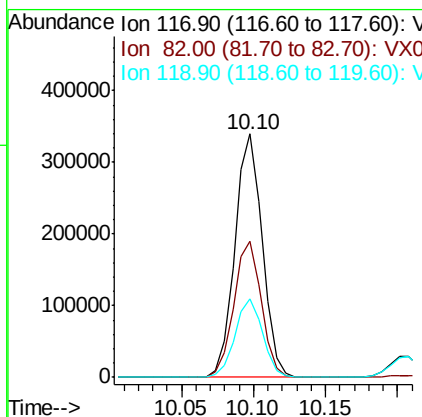
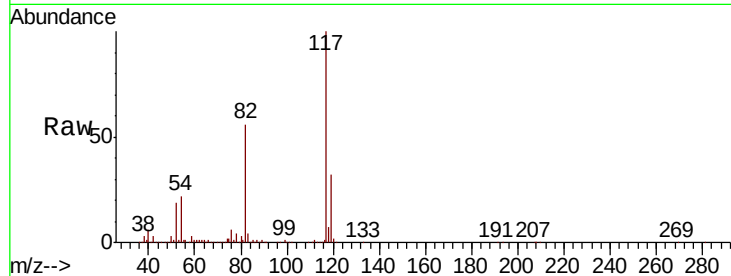




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

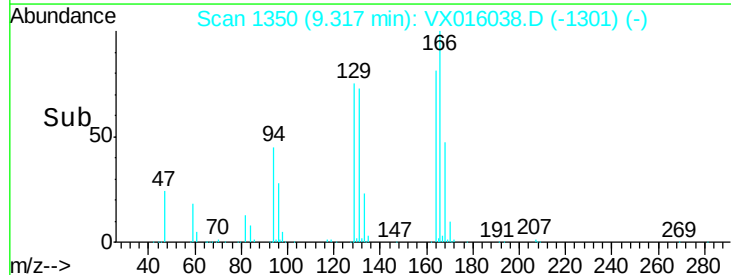
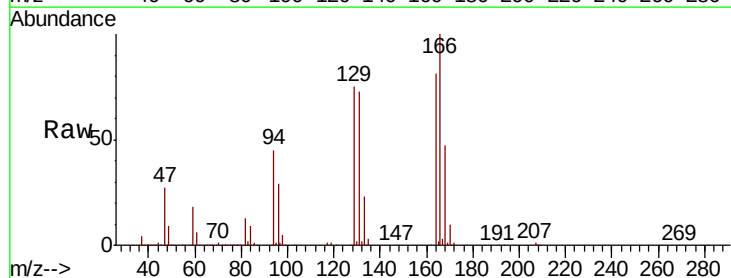
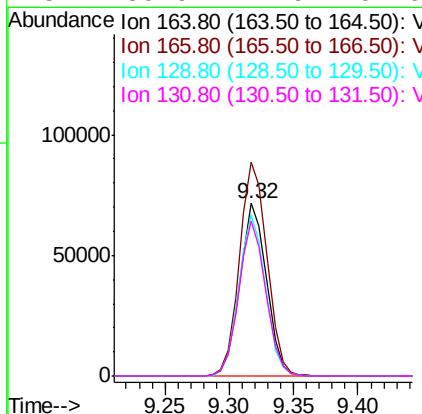
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

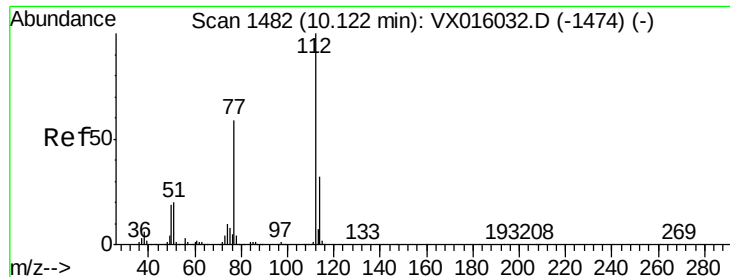
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.4	66.6
119	32.4	25.5	38.3



#64
Tetrachloroethene
Concen: 18.506 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.9	154.3
129	93.3	76.1	114.1
131	89.9	71.9	107.9

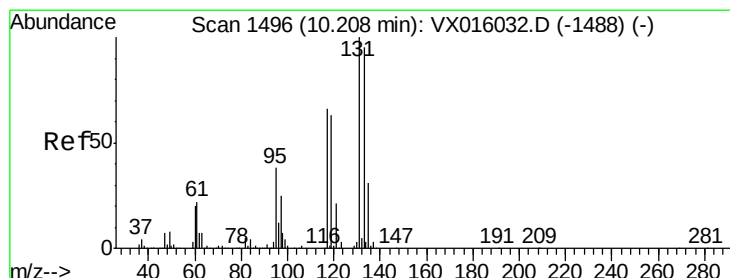
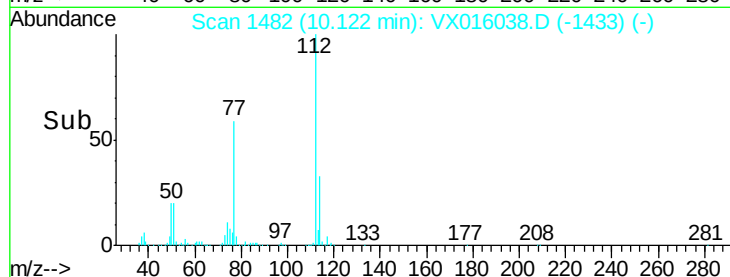
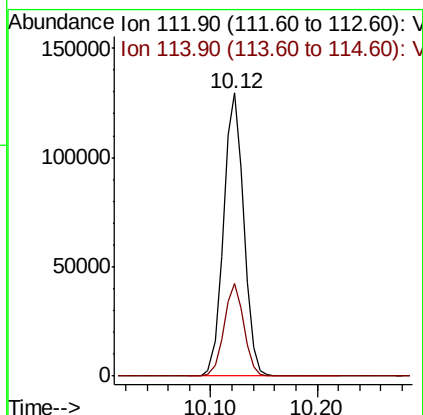
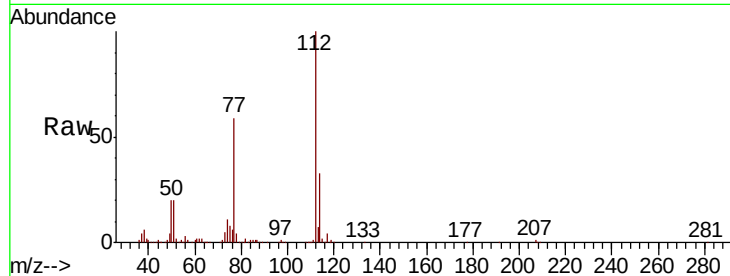




#65
Chlorobenzene
Concen: 18.190 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

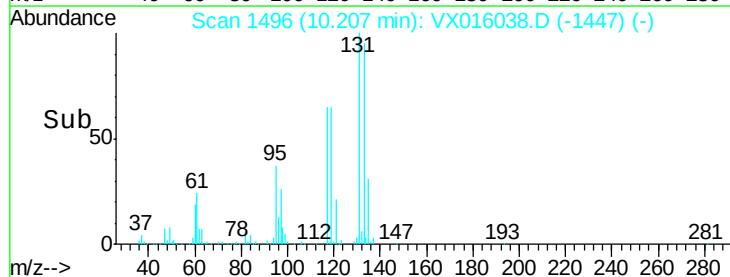
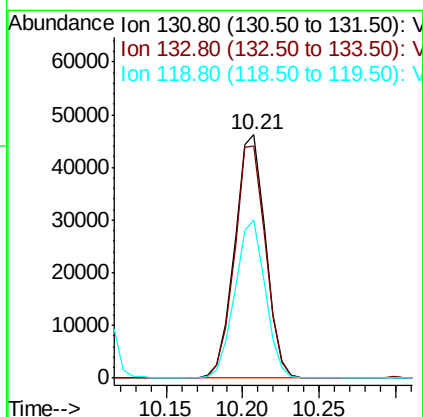
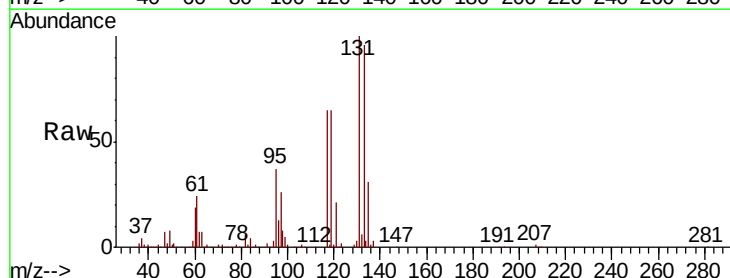
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

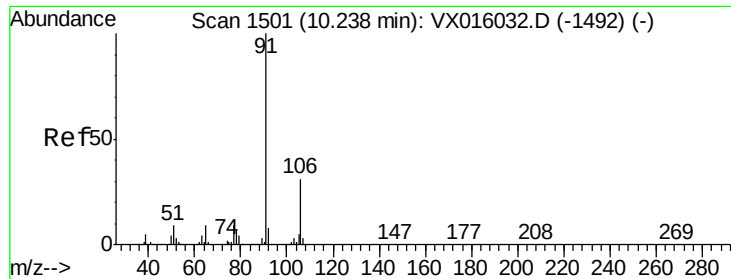
Tot Ion:112 Resp: 171653
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.459 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion:131 Resp: 64380
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.8
119 64.1 32.3 96.9

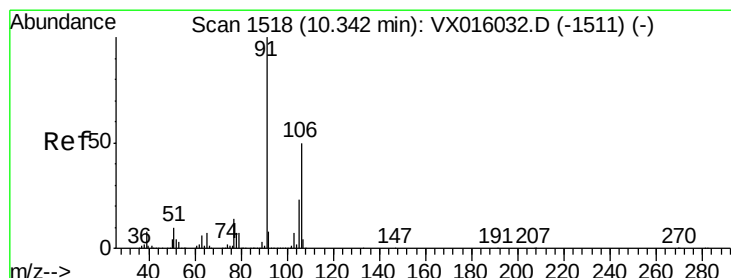
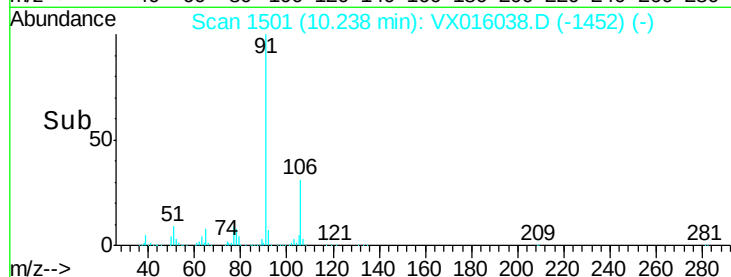
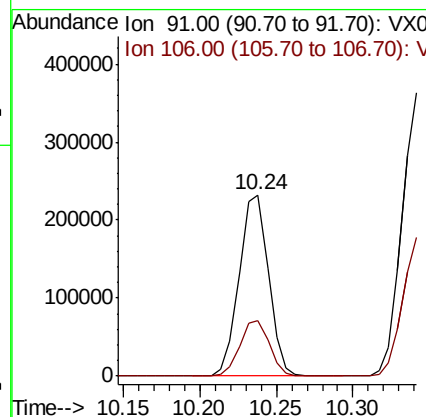
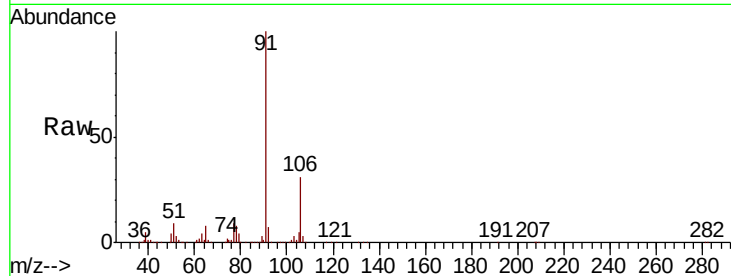




#67
Ethyl Benzene
Concen: 18.462 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

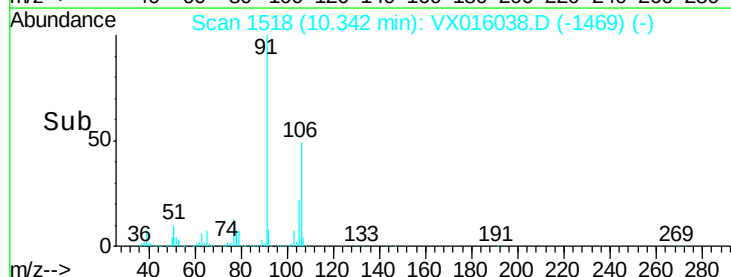
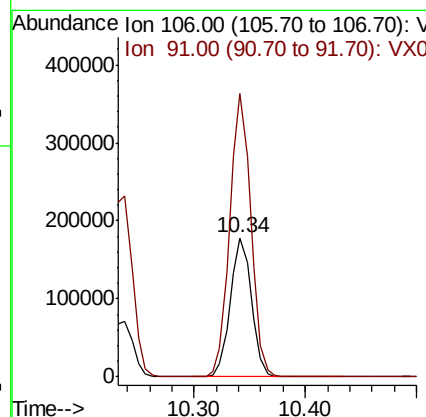
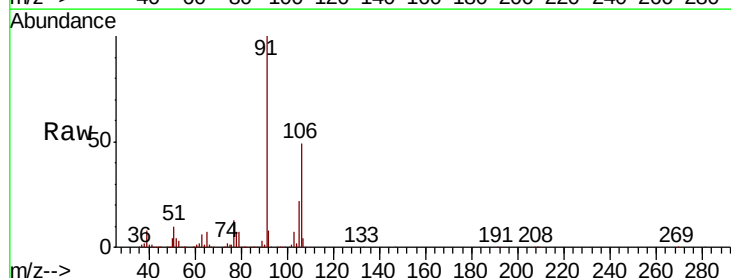
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBSD01

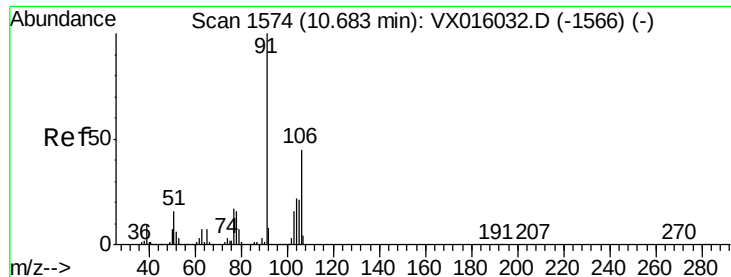
Tot Ion: 91 Resp: 310844
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 37.111 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion: 106 Resp: 234102
Ion Ratio Lower Upper
106 100
91 202.8 161.7 242.5

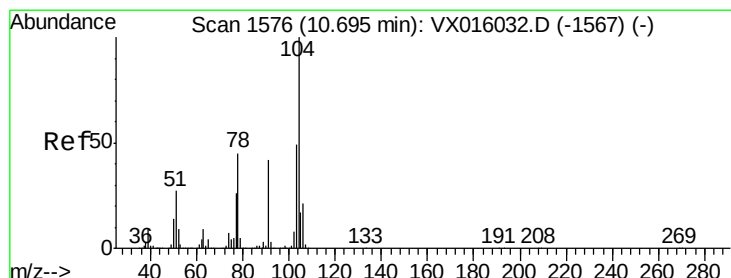
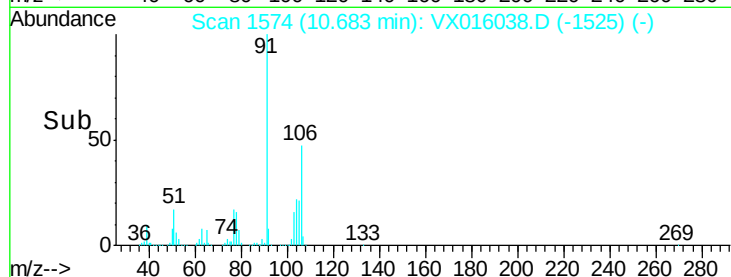
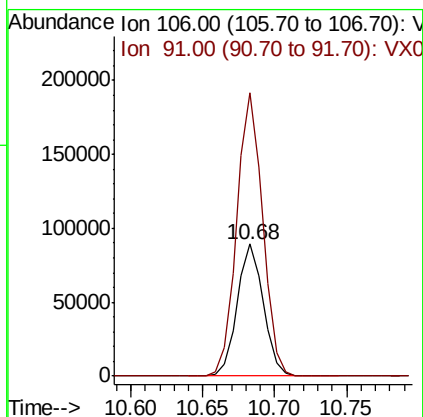
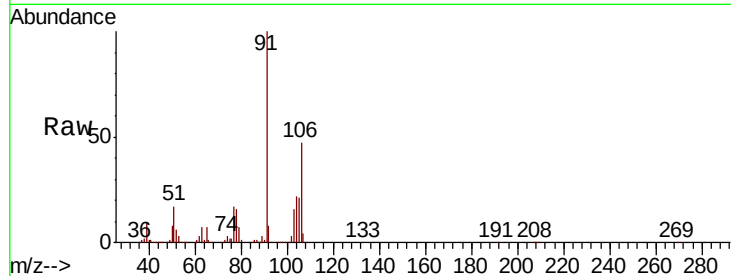




#69
o-Xylene
Concen: 18.568 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

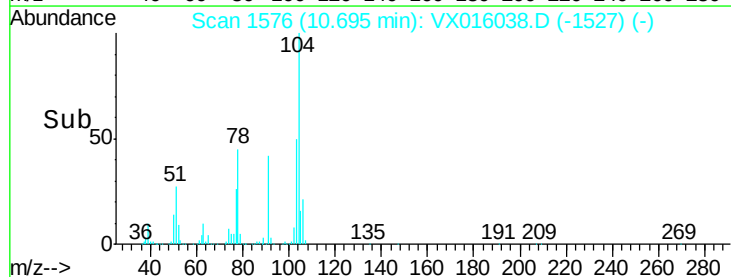
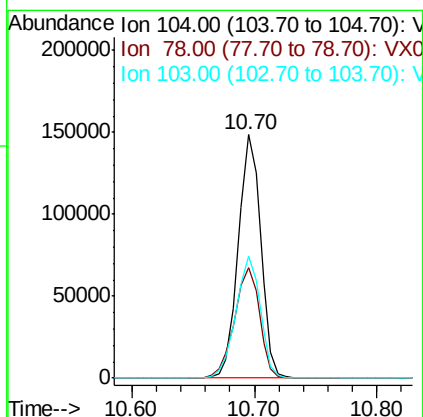
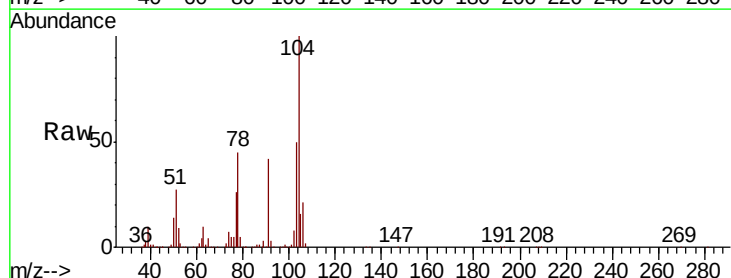
Instrument :
MSVOA_X
ClientSampled :
VX0504WBSD01

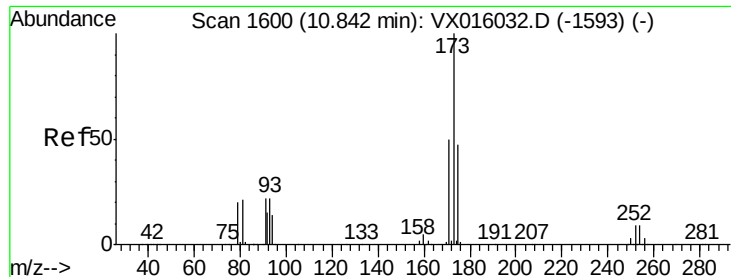
Tot Ion:106 Resp: 112590
Ion Ratio Lower Upper
106 100
91 213.0 107.5 322.6



#70
Styrene
Concen: 18.290 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016038.D
Acq: 04 May 2020 16:22

Tgt Ion:104 Resp: 188154
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.2
103 54.4 43.0 64.6





#71

Bromoform

Concen: 18.024 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

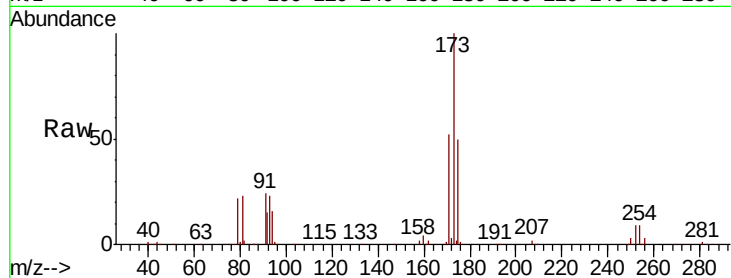
Tot Ion:173 Resp: 51216

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

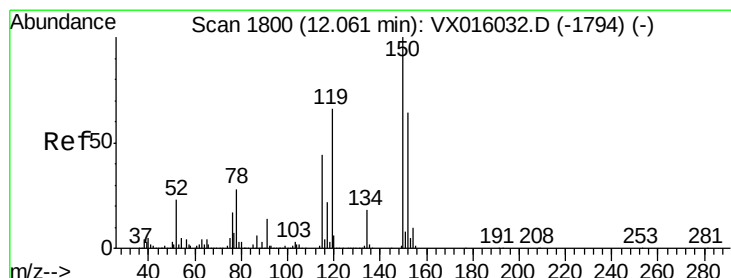
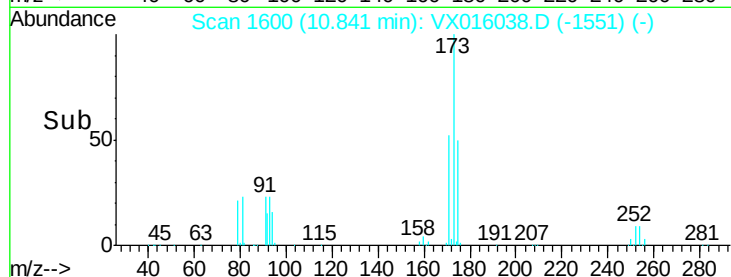
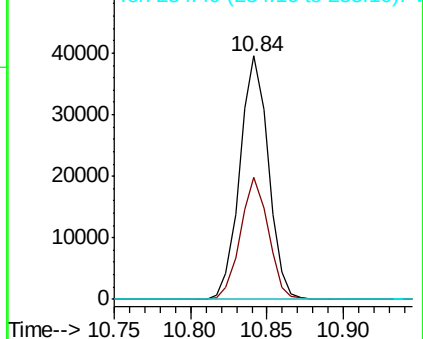
254 0.1 0.1 0.1#



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: VX016038.D

Acq: 04 May 2020 16:22

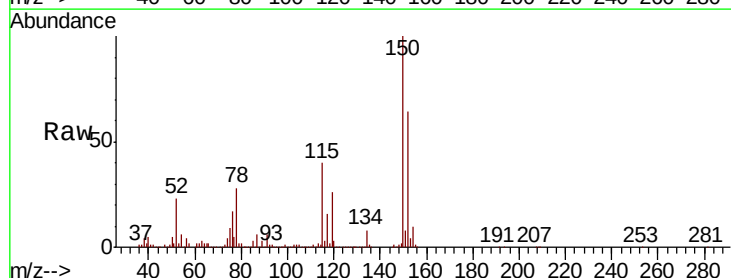
Tgt Ion:152 Resp: 225268

Ion Ratio Lower Upper

152 100

115 67.4 41.3 124.1

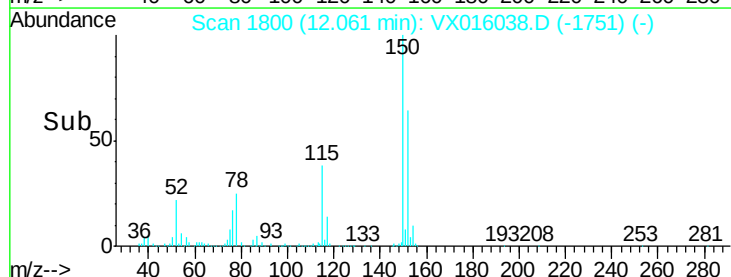
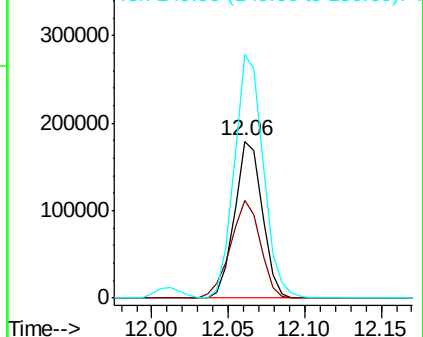
150 162.4 0.0 352.2

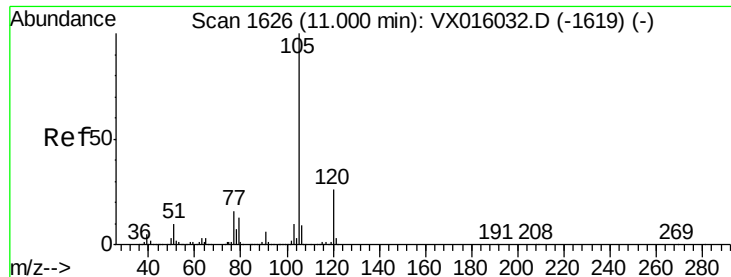


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.390 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

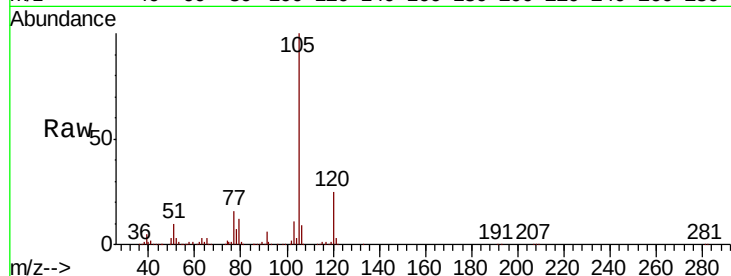
VX0504WBSD01

Tot Ion:105 Resp: 301318

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

250000

200000

150000

100000

50000

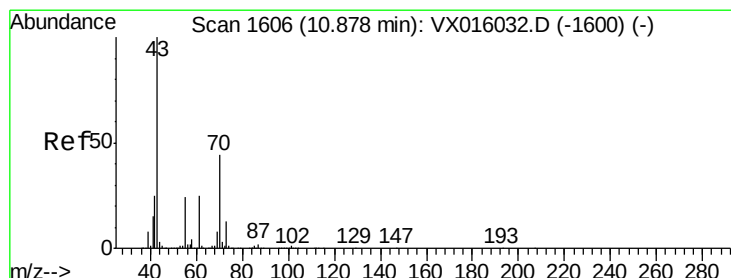
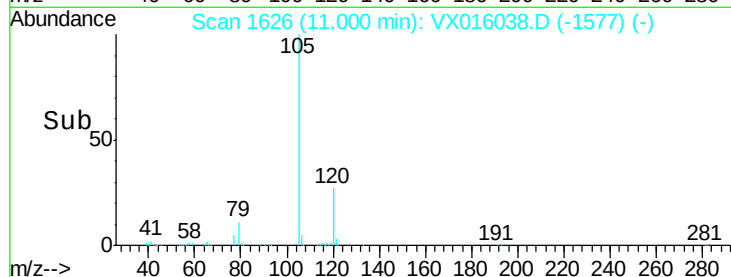
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.920 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Tgt Ion: 43 Resp: 144593

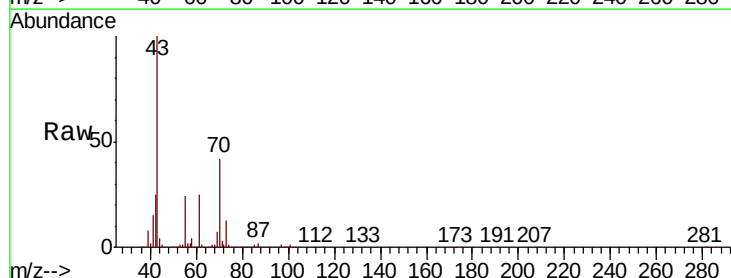
Ion Ratio Lower Upper

43 100

70 43.3 36.5 54.7

55 24.1 19.7 29.5

61 25.3 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

150000

100000

50000

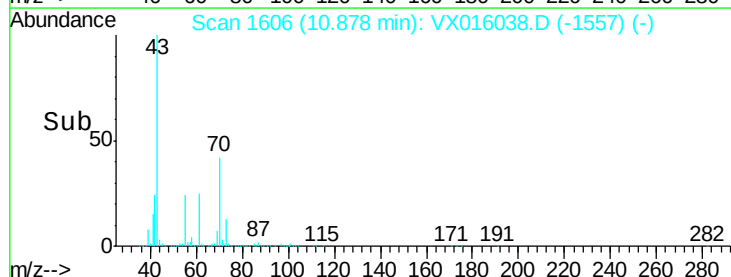
0

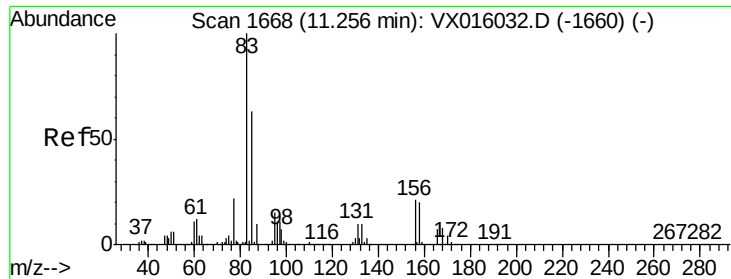
10.88

10.80

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.272 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

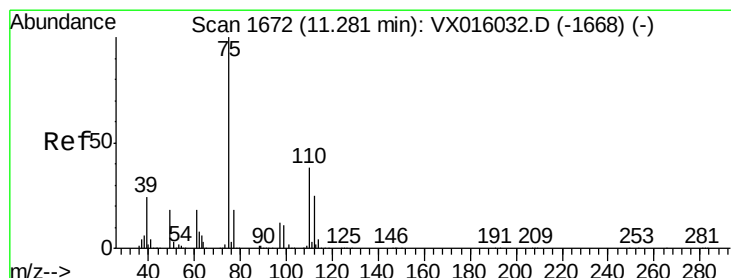
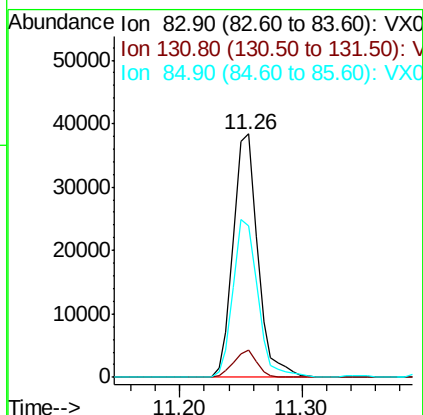
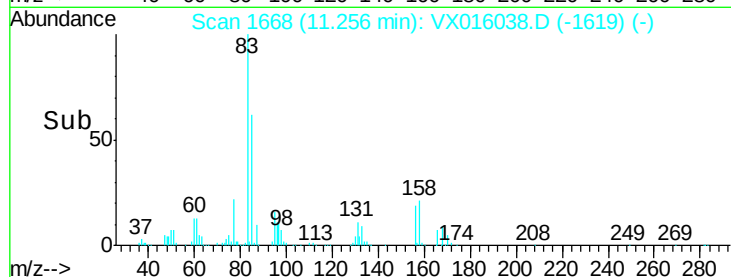
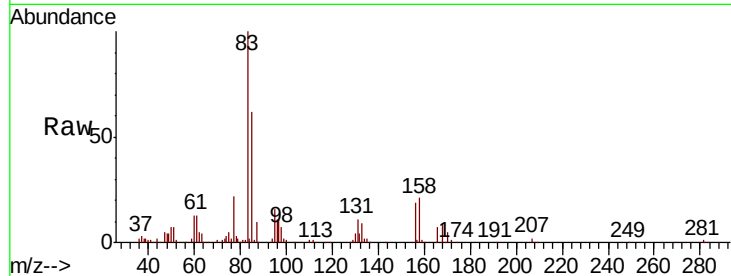
Tot Ion: 83 Resp: 53121

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 65.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 24.601 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016038.D

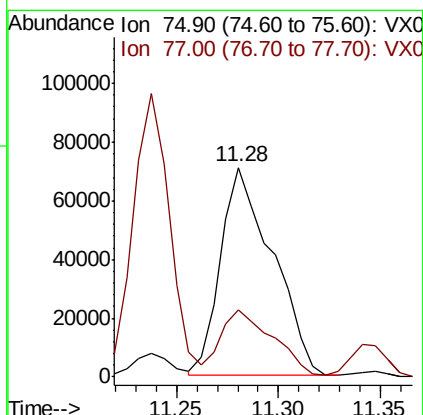
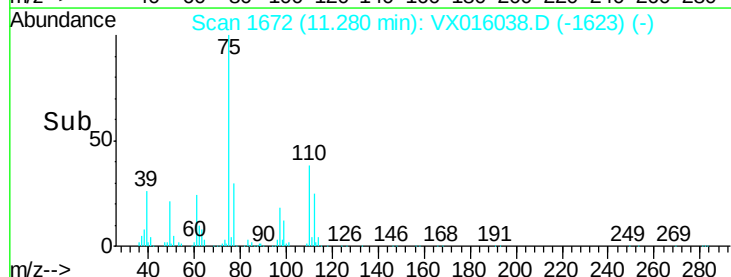
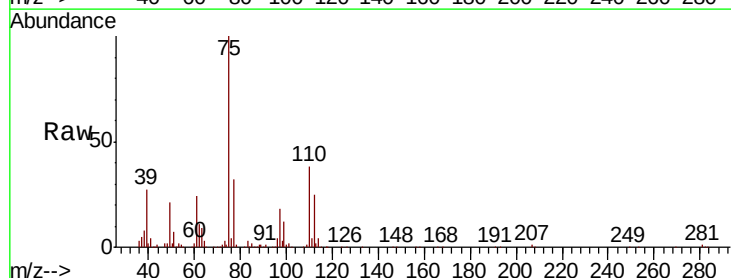
Acq: 04 May 2020 16:22

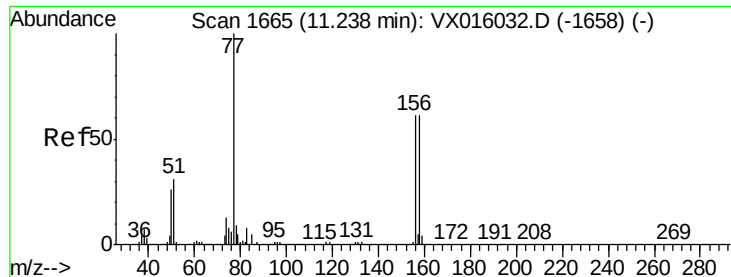
Tgt Ion: 75 Resp: 125758

Ion Ratio Lower Upper

75 100

77 32.5 21.2 63.6





#77

Bromobenzene

Concen: 17.769 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

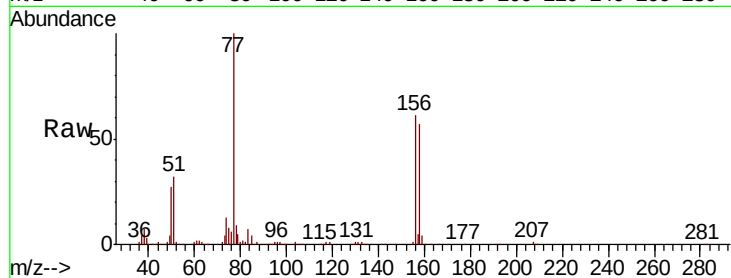
Tot Ion:156 Resp: 75147

Ion Ratio Lower Upper

156 100

77 160.2 80.1 240.3

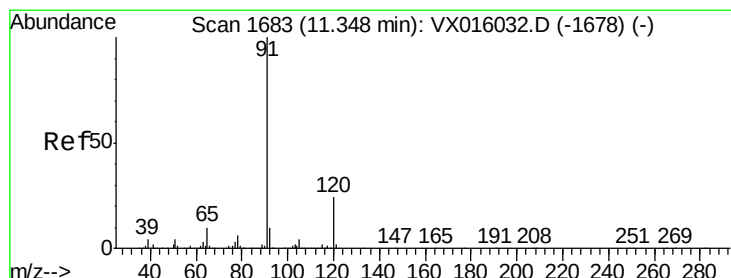
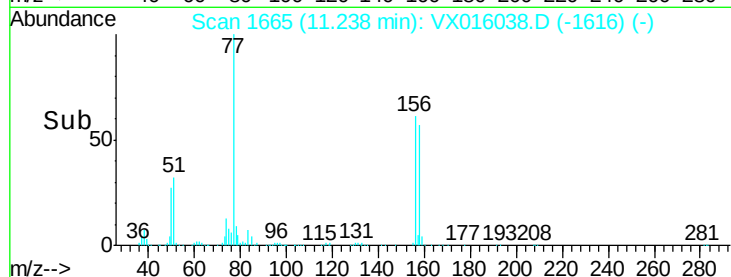
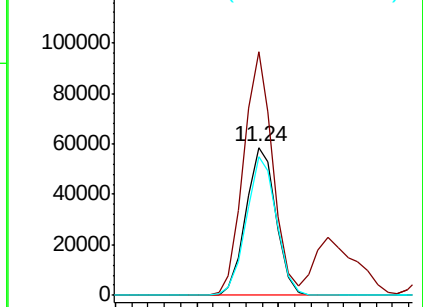
158 94.4 49.4 148.2



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: 17.995 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016038.D

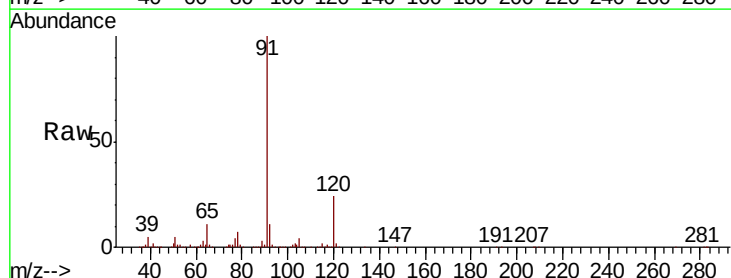
Acq: 04 May 2020 16:22

Tgt Ion: 91 Resp: 342998

Ion Ratio Lower Upper

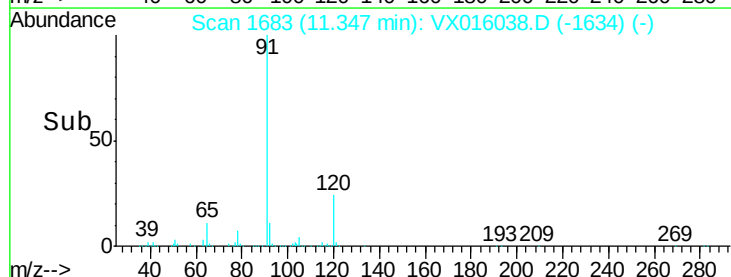
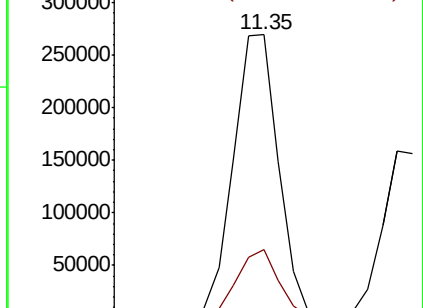
91 100

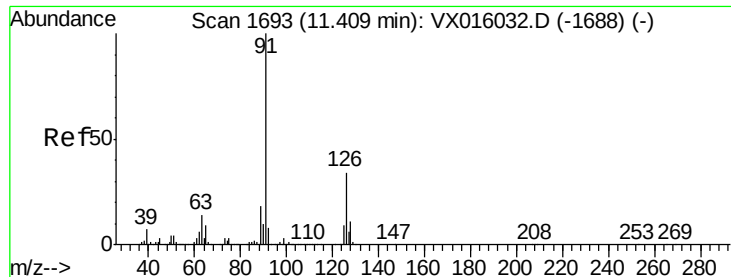
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

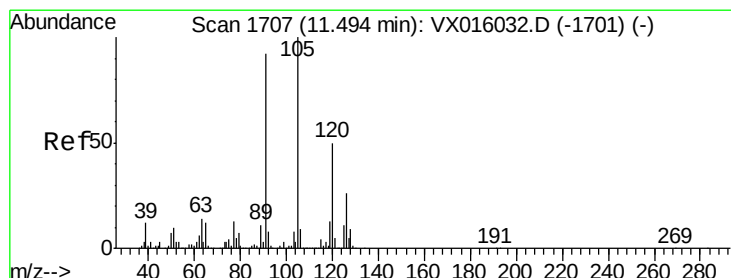
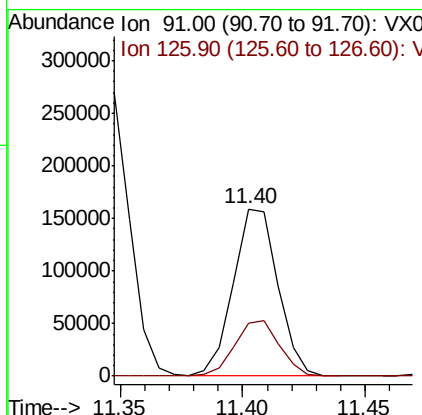
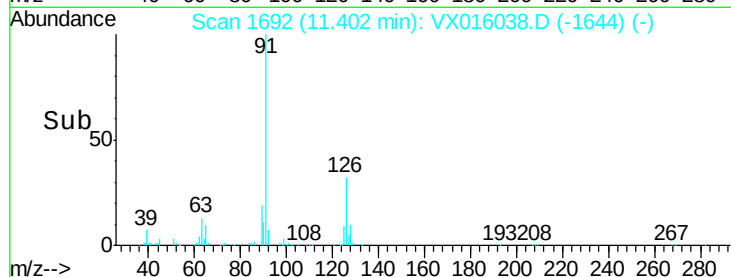
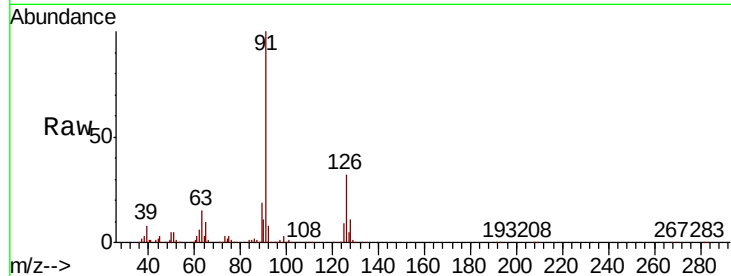




#79
 2-Chlorotoluene
 Concen: 18.007 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

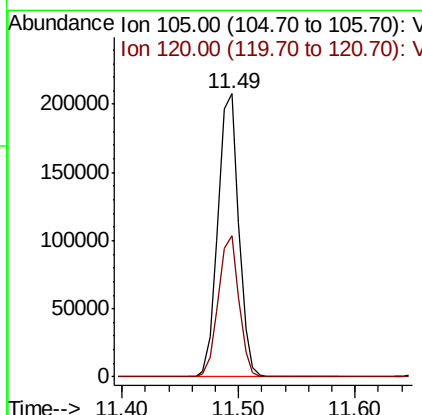
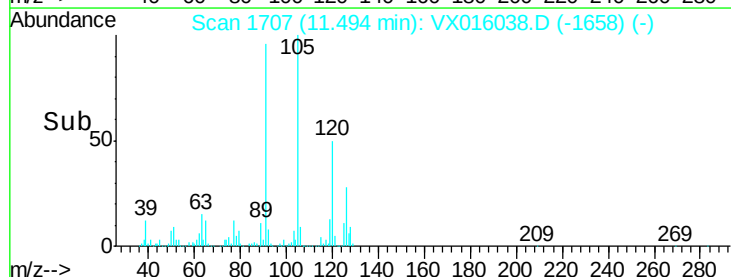
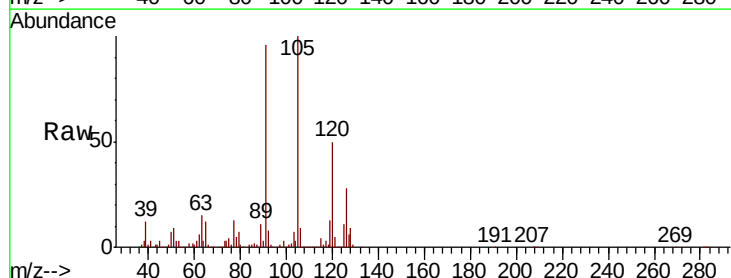
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

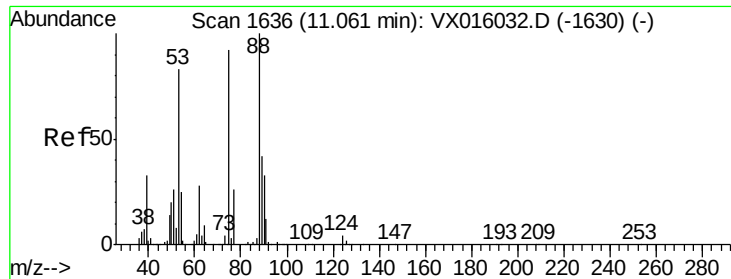
Tot Ion: 91 Resp: 202604
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.428 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion: 105 Resp: 254927
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.463 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

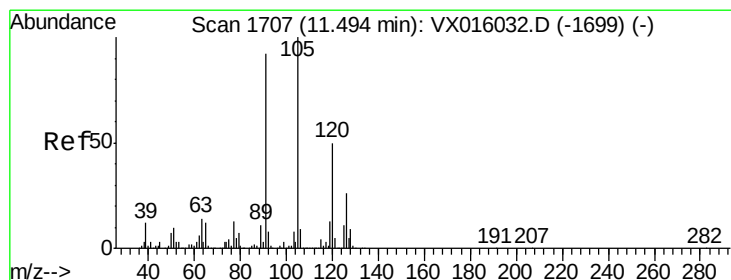
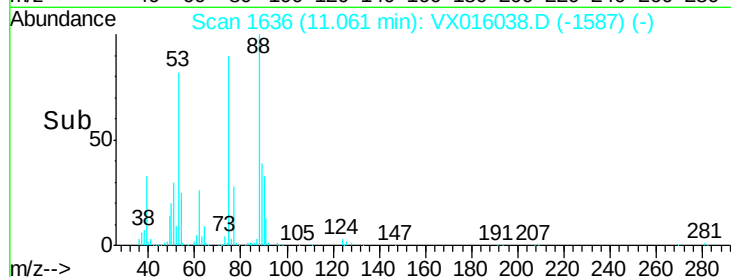
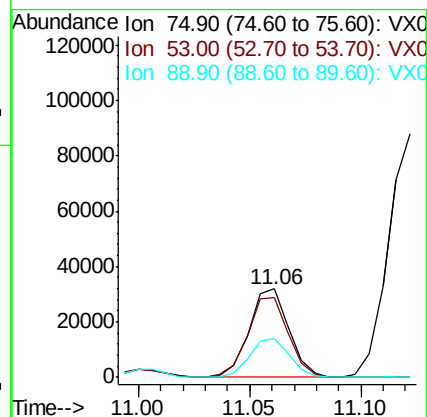
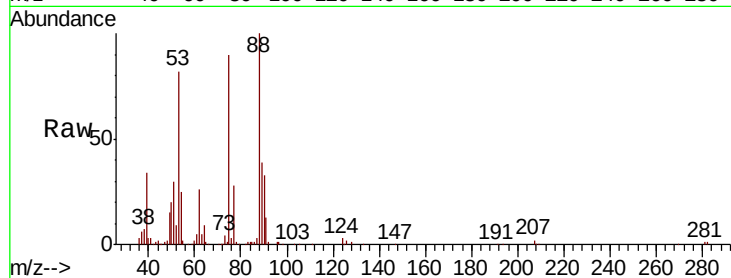
Tot Ion: 75 Resp: 39605

Ion Ratio Lower Upper

75 100

53 92.9 73.1 109.7

89 45.0 36.7 55.1



#82

4-Chlorotoluene

Concen: 18.175 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016038.D

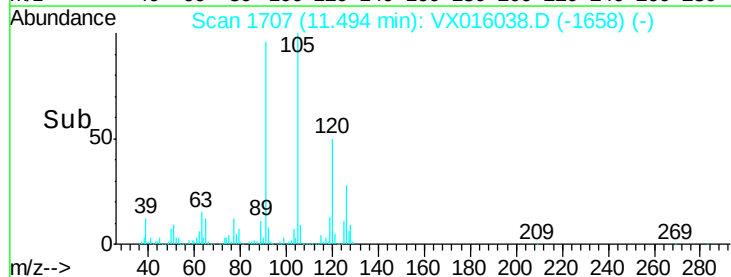
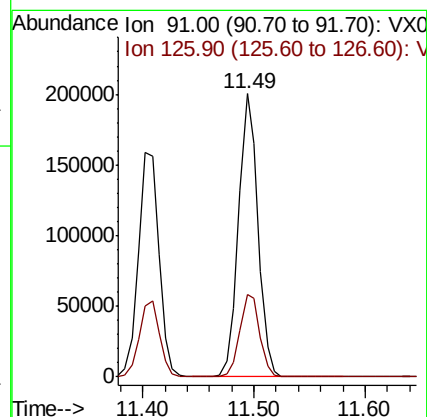
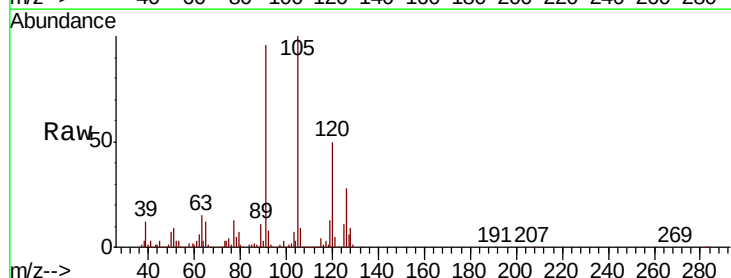
Acq: 04 May 2020 16:22

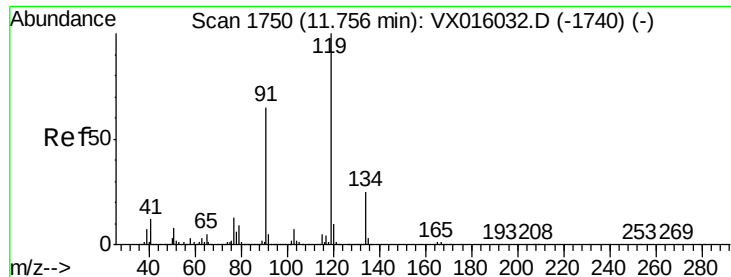
Tgt Ion: 91 Resp: 241477

Ion Ratio Lower Upper

91 100

126 30.1 14.8 44.3

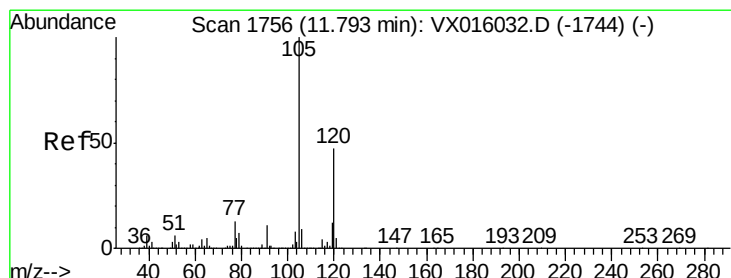
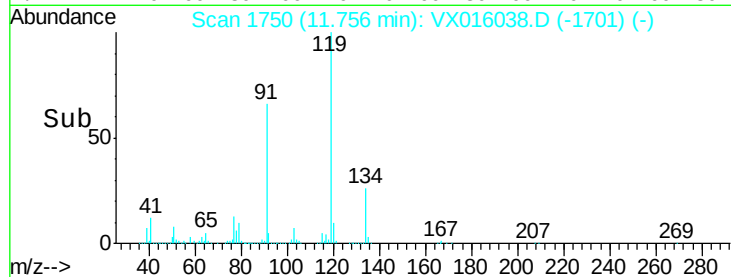
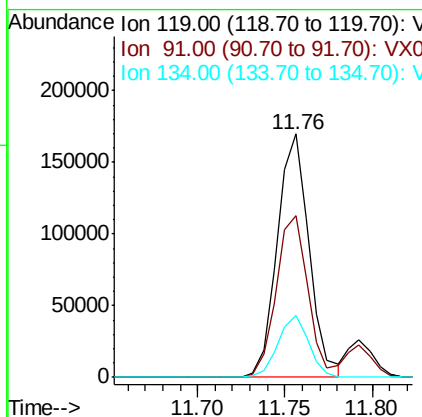
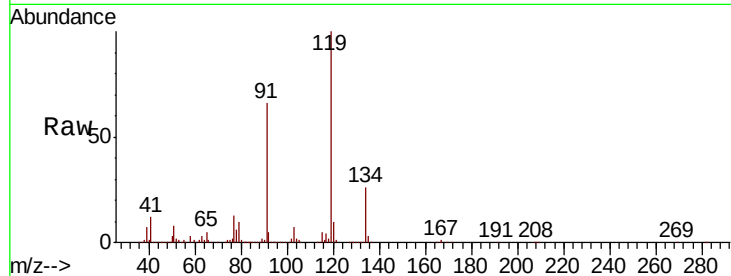




#83
 tert-Butylbenzene
 Concen: 18.014 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

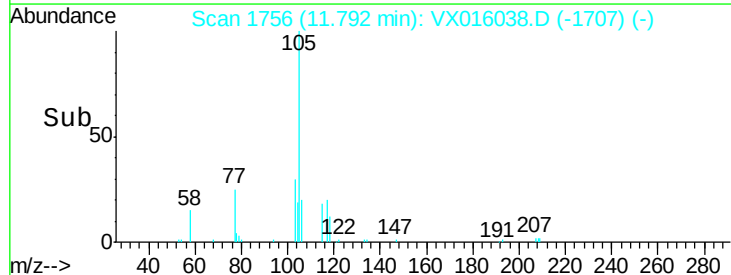
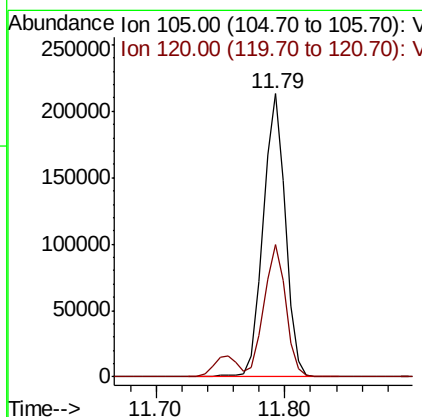
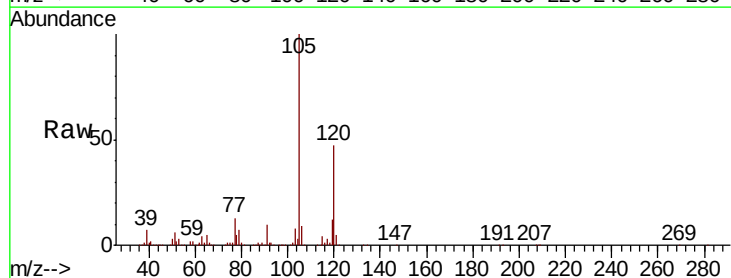
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

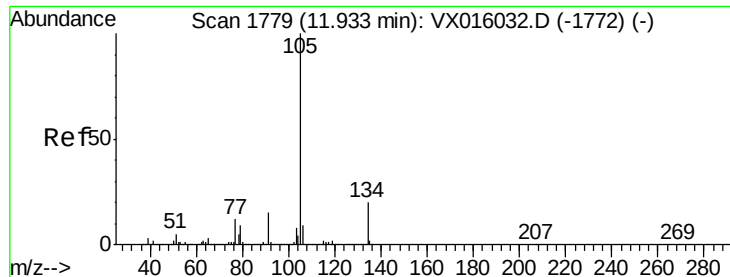
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	32.8	98.4
134	24.6	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.029 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 18.100 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleID :

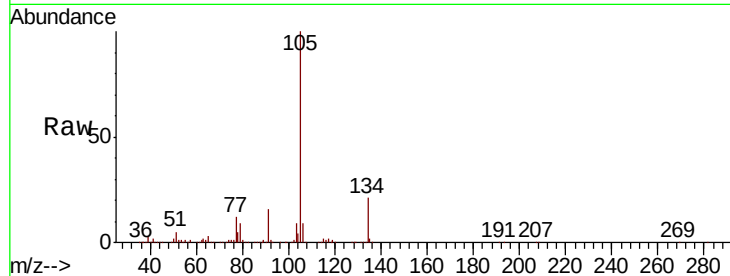
VX0504WBSD01

Tot Ion:105 Resp: 291361

Ion Ratio Lower Upper

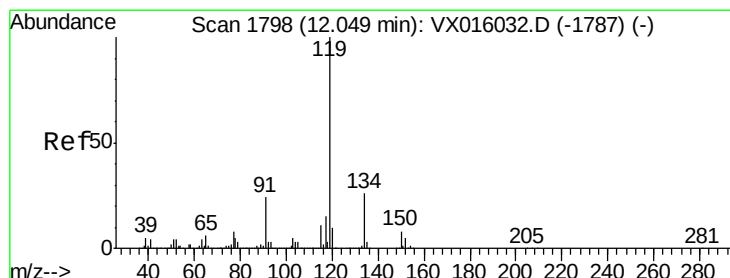
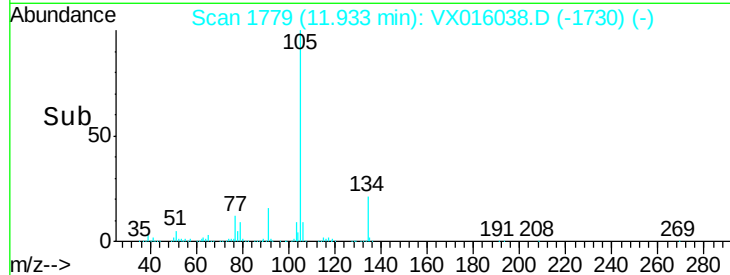
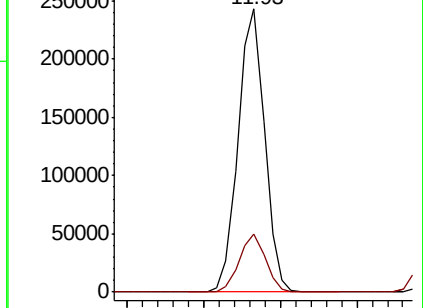
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.989 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

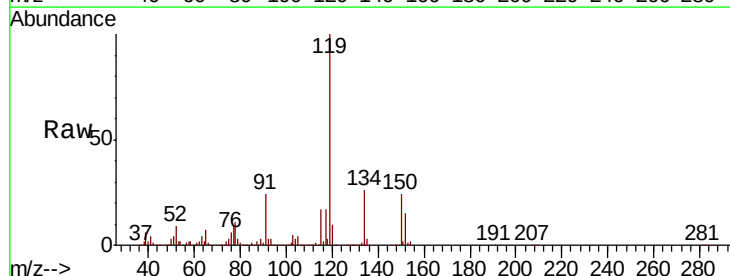
Tgt Ion:119 Resp: 268850

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

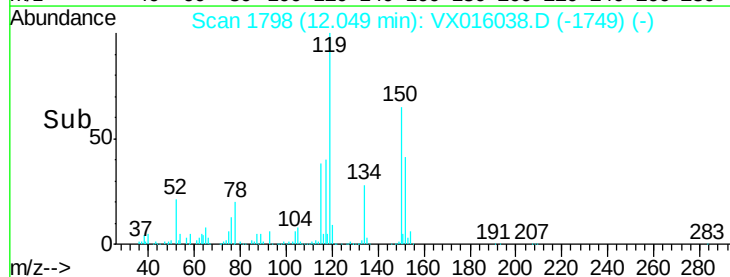
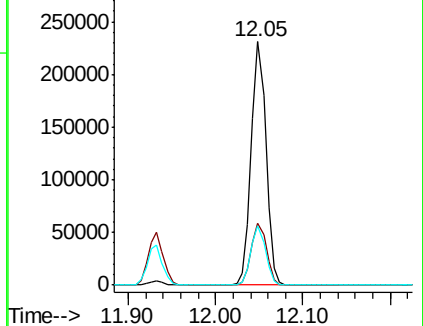
91 24.1 11.8 35.4

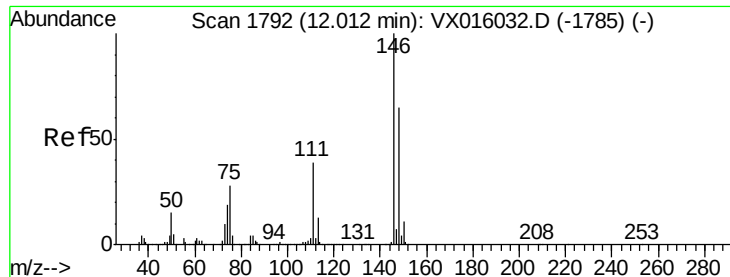


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.859 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

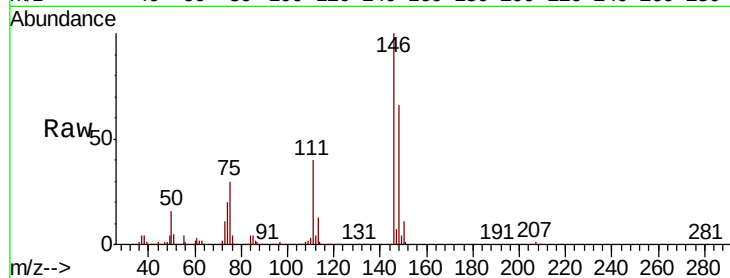
Tot Ion:146 Resp: 135616

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

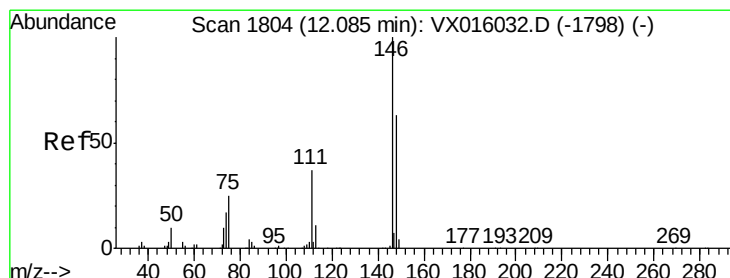
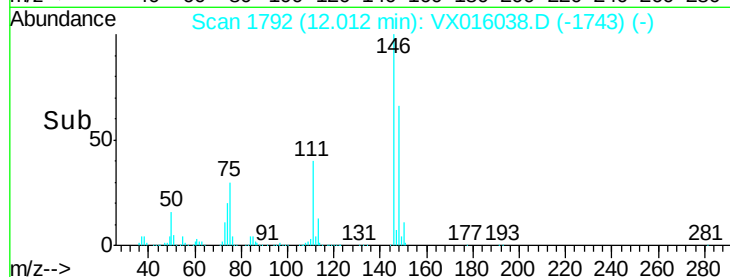
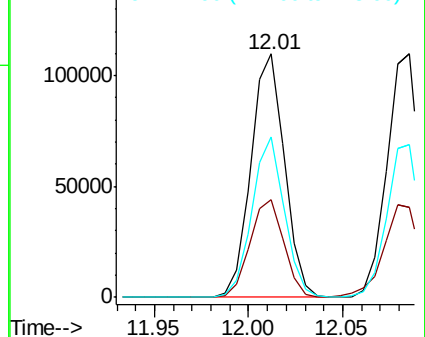
148 63.5 32.1 96.3



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: 17.860 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

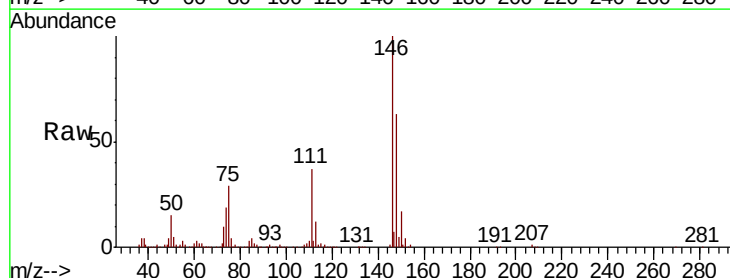
Tgt Ion:146 Resp: 137650

Ion Ratio Lower Upper

146 100

111 40.5 19.6 58.7

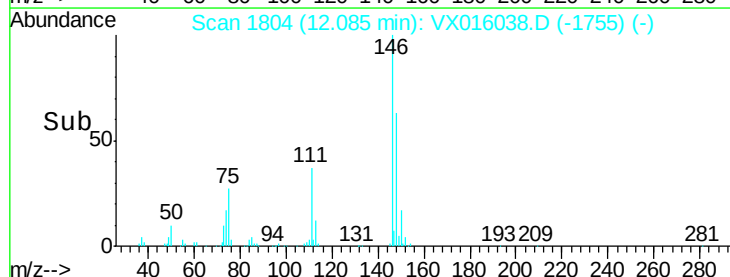
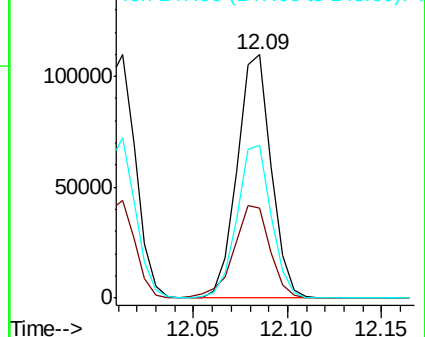
148 63.3 31.8 95.3

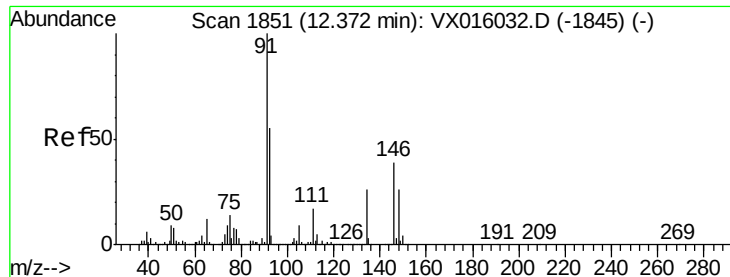


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.661 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

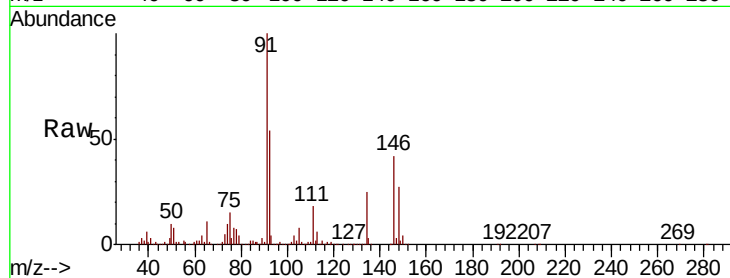
Tot Ion: 91 Resp: 241135

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

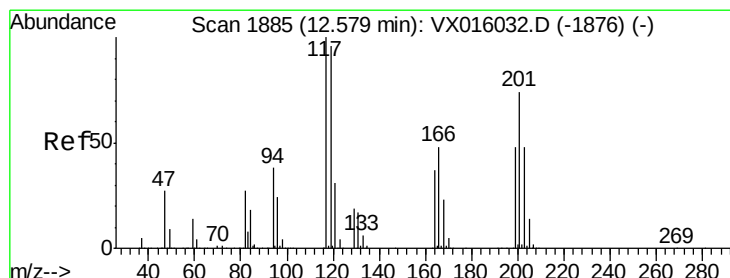
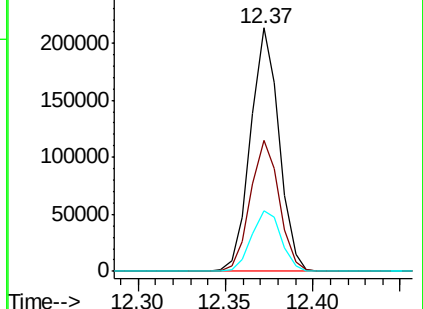
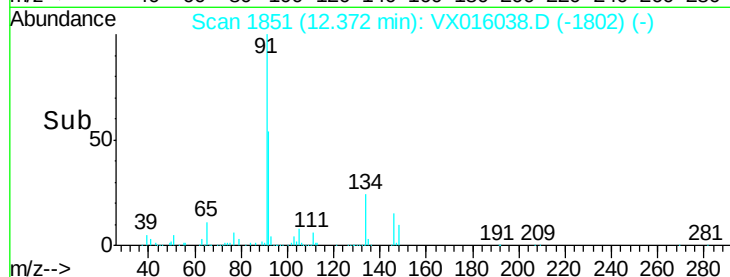
134 26.0 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.727 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016038.D

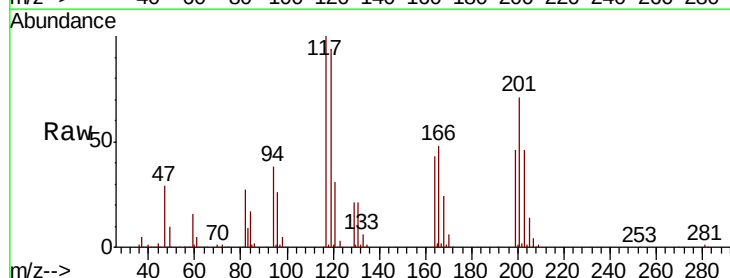
Acq: 04 May 2020 16:22

Tgt Ion: 117 Resp: 45500

Ion Ratio Lower Upper

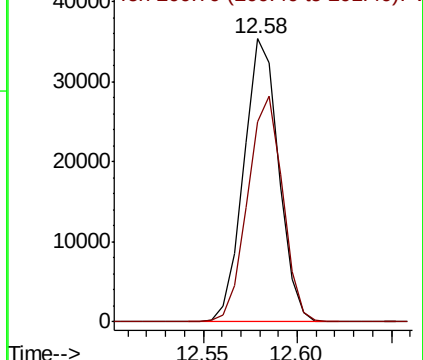
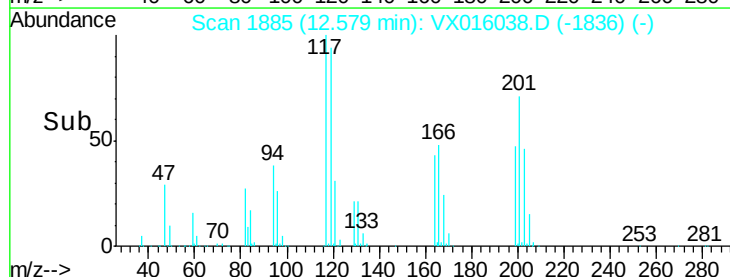
117 100

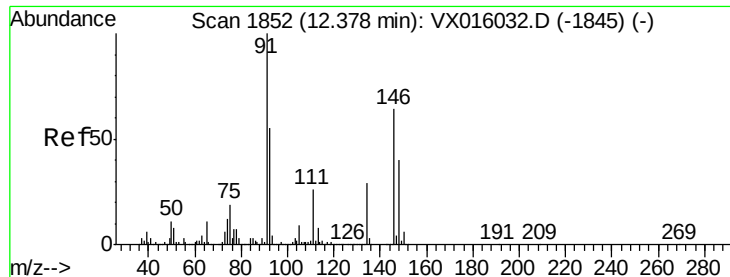
201 79.7 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 17.871 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBSD01

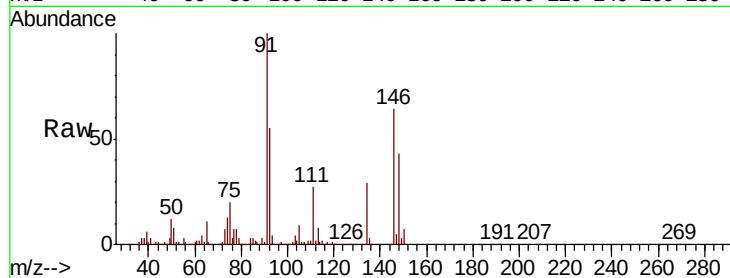
Tot Ion:146 Resp: 130670

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.1

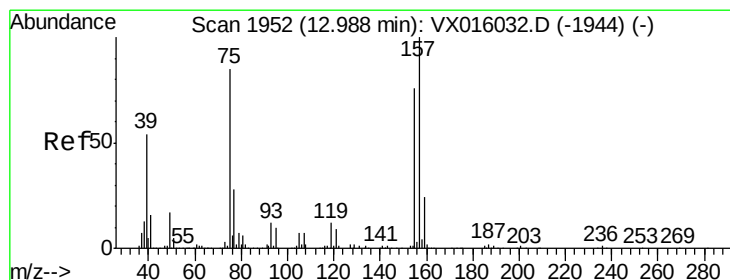
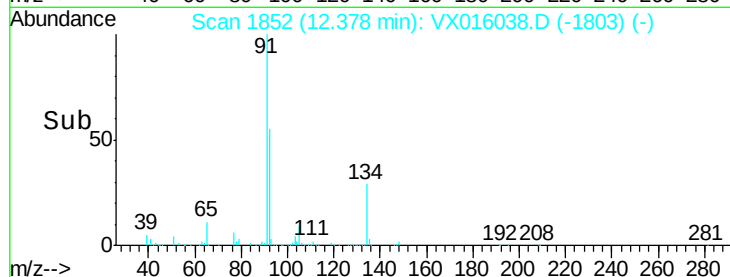
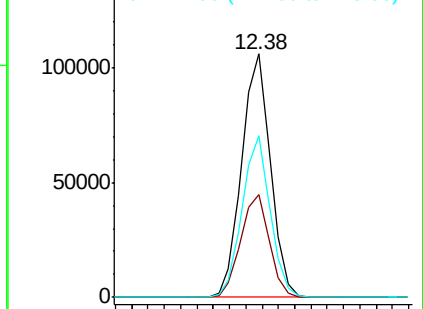
148 64.7 32.4 97.0



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: 17.757 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

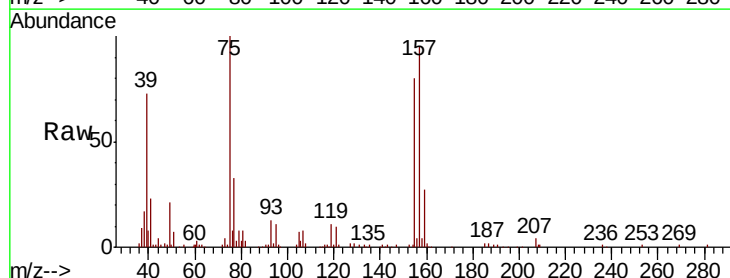
Tgt Ion: 75 Resp: 23924

Ion Ratio Lower Upper

75 100

155 84.3 42.5 127.5

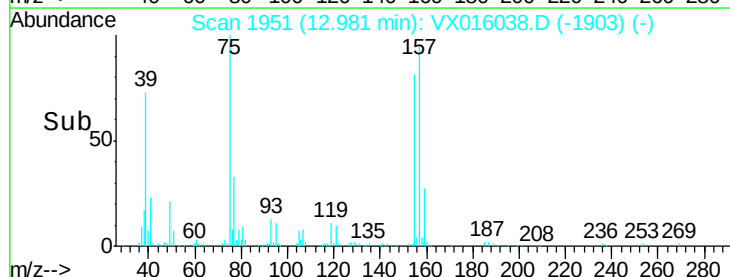
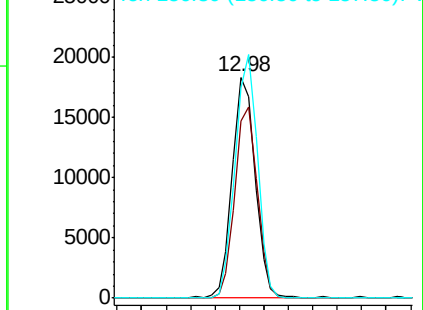
157 106.4 55.3 165.8

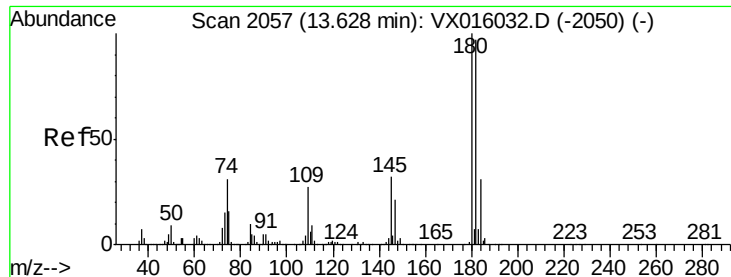


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

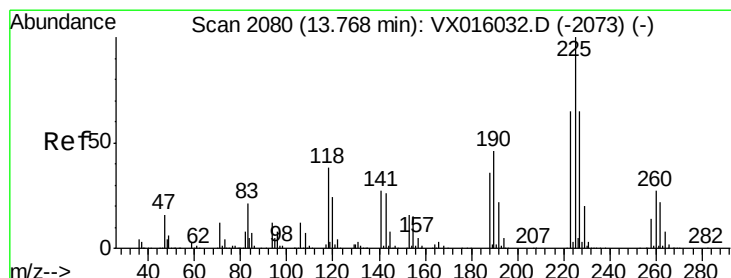
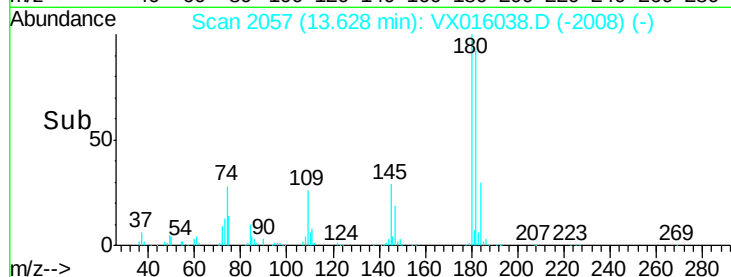
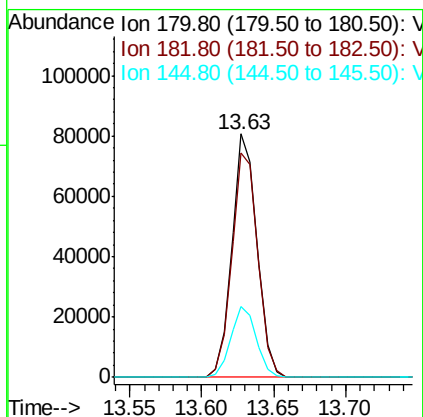
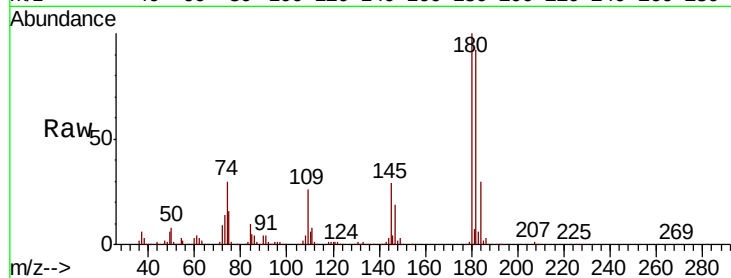




#93
 1,2,4-Trichlorobenzene
 Concen: 18.194 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

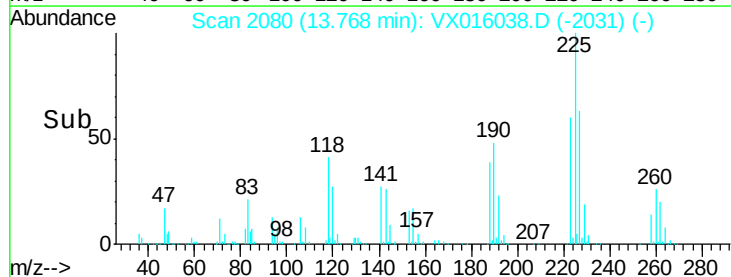
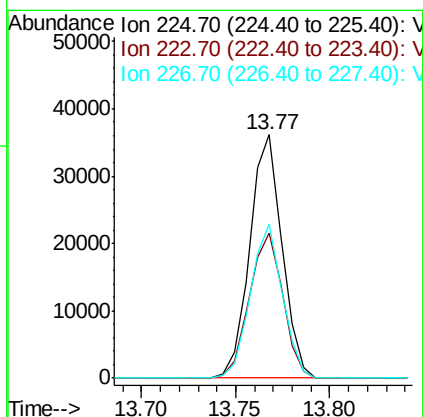
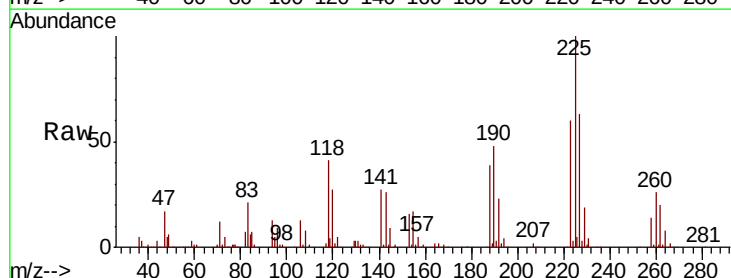
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

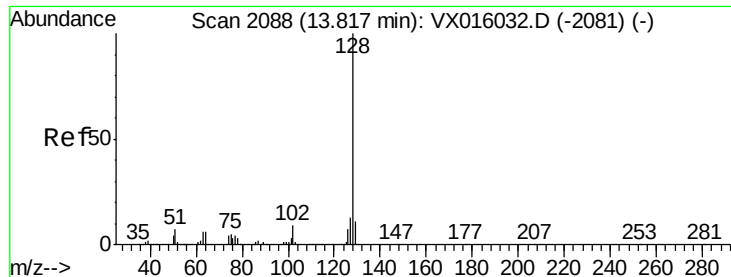
Tot Ion:180 Resp: 98493
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.7 146.1
 145 30.0 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 18.726 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016038.D
 Acq: 04 May 2020 16:22

Tgt Ion:225 Resp: 42880
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.3 96.9
 227 62.7 31.8 95.4





#95

Naphthalene

Concen: 18.215 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

Instrument :

MSVOA_X

ClientSampled :

VX0504WBSD01

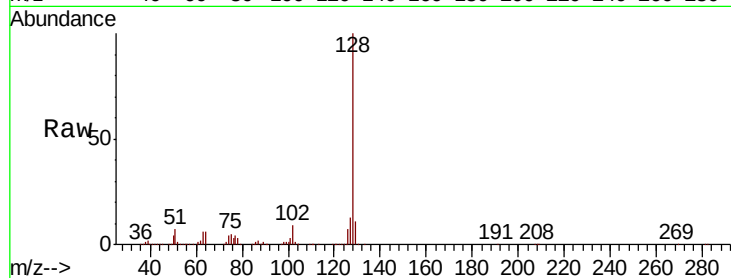
Tot Ion:128 Resp: 319291

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

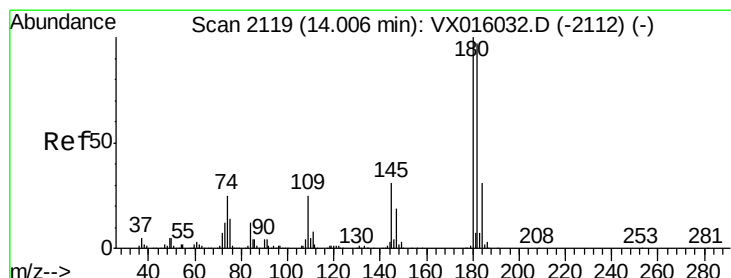
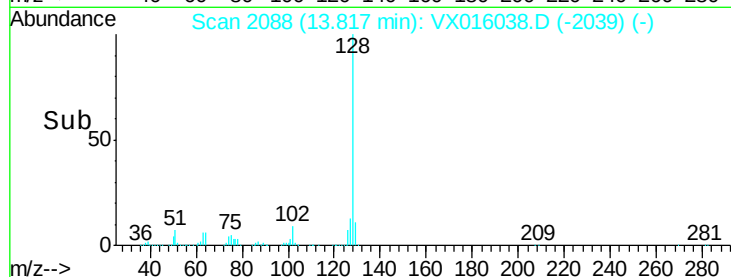
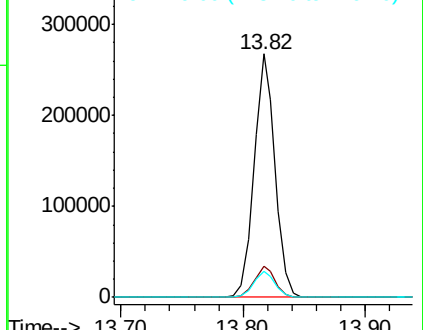
129 10.9 8.7 13.1



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: 17.773 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016038.D

Acq: 04 May 2020 16:22

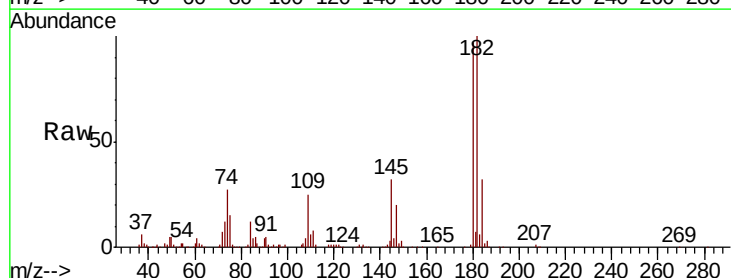
Tgt Ion:180 Resp: 94030

Ion Ratio Lower Upper

180 100

182 97.6 48.4 145.0

145 33.3 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

