

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018032.D
 Acq On : 20 Aug 2020 14:10
 Operator : JC/SP
 Sample : L3766-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200819016-02-VOA

Quant Time: Aug 21 01:25:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	603151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	942393	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	883809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	463121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	383745	43.40	ug/l	0.00
Spiked Amount			Recovery	=	86.80%	
35) Dibromofluoromethane	5.46	113	306689	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	
50) Toluene-d8	8.70	98	1130145	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	11.12	95	443812	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	721	1.067	ug/l #	47
4) Vinyl Chloride	1.39	62	2903	2.584	ug/l #	80
5) Bromomethane	1.64	94	1097	0.238	ug/l #	19
8) Diethyl Ether	2.17	74	10663	2.897	ug/l	97
11) Tert butyl alcohol	3.01	59	5956820	3489.413	ug/l	99
13) Acrolein	2.27	56	402	0.446	ug/l #	1
14) Allyl chloride	2.68	41	42380	4.371	ug/l #	44
15) Acrylonitrile	3.02	53	46553	12.487	ug/l #	20
16) Acetone	2.42	43	211550	60.818	ug/l	100
17) Carbon Disulfide	2.55	76	6431	0.488	ug/l #	81
18) Methyl Acetate	3.01	43	695729	79.486	ug/l #	51
19) Methyl tert-butyl Ether	3.17	73	51006	2.454	ug/l	99
20) Methylene Chloride	2.83	84	2142	0.334	ug/l #	73
25) 2-Butanone	4.66	43	390116	74.081	ug/l #	79
26) 2,2-Dichloropropane	4.67	77	327900	31.957	ug/l #	54
27) cis-1,2-Dichloroethene	4.57	96	4075	0.618	ug/l #	17
29) Tetrahydrofuran	5.09	42	1488020	454.973	ug/l	98
36) 1,1-Dichloropropene	5.87	75	2232	0.283	ug/l #	59
37) Ethyl Acetate	4.76	43	17142	1.816	ug/l #	71
38) Carbon Tetrachloride	5.64	117	60476	5.924	ug/l #	14
39) Methylcyclohexane	7.42	83	200	0.833	ug/l #	49
40) Benzene	6.12	78	80885	3.405	ug/l	99
41) Methacrylonitrile	5.09	41	840369	155.355	ug/l #	43
42) 1,2-Dichloroethane	6.16	62	3793	0.376	ug/l	78
43) Isopropyl Acetate	6.42	43	7713	0.506	ug/l #	73
45) 1,2-Dichloropropane	7.49	63	1583	0.233	ug/l	92
49) 1,4-Dioxane	7.72	88	12715	82.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	49925	4.867	ug/l #	87
52) Toluene	8.77	92	30359	1.953	ug/l	97
59) 2-Hexanone	9.29	43	33152	4.265	ug/l	75
65) Chlorobenzene	10.12	112	11554	0.659	ug/l #	52
68) m/p-Xylenes	10.34	106	81089	7.283	ug/l	94
69) o-Xylene	10.68	106	52052	4.848	ug/l	99
70) Styrene	10.70	104	6419	0.347	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

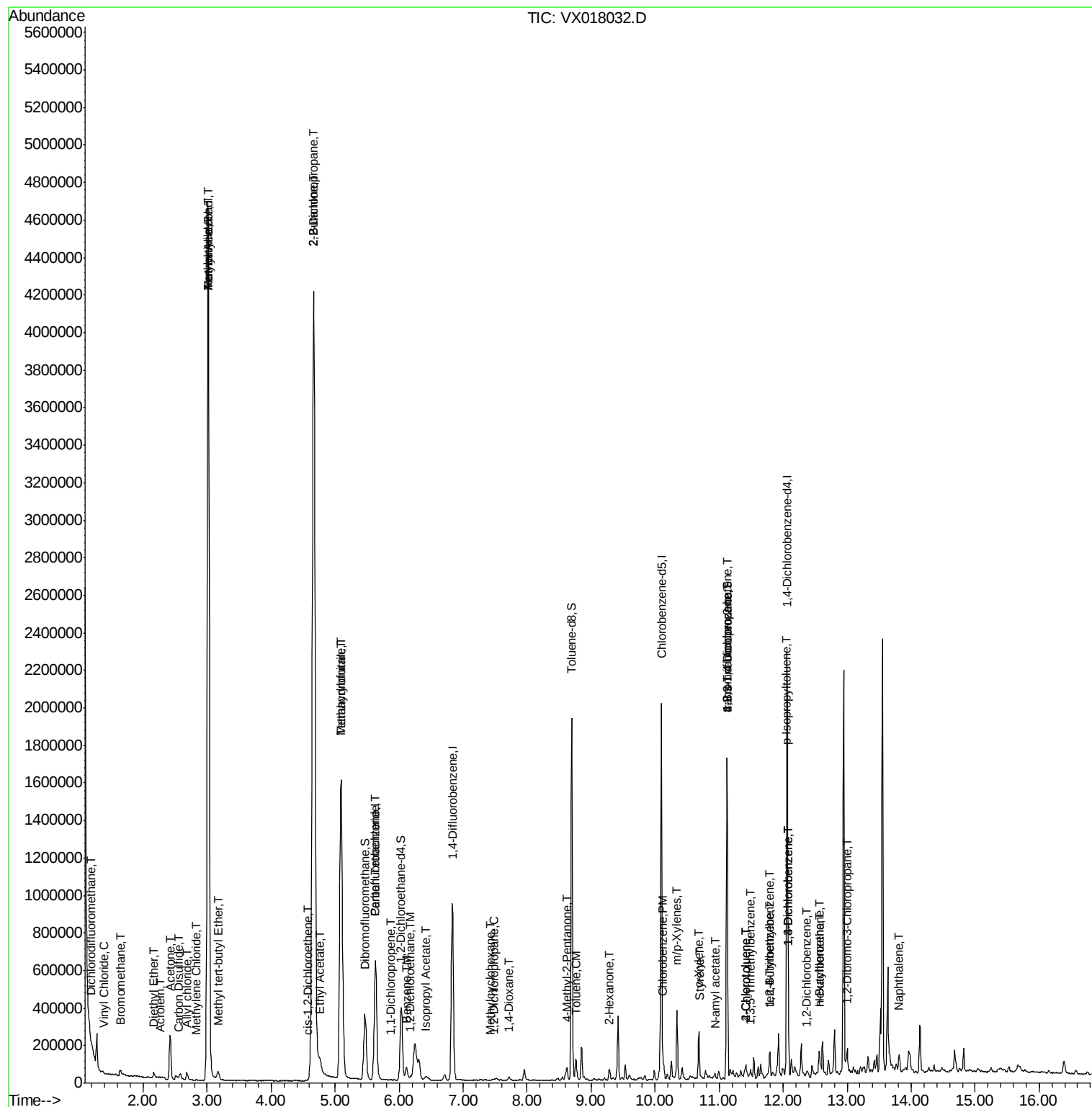
74) N-amy1 acetate	10.93	43	13330	1.005	ug/l #	57
76) 1,2,3-Trichloropropane	11.12	75	218013	22.136	ug/l #	35
79) 2-Chlorotoluene	11.41	91	8936	0.421	ug/l #	70
80) 1,3,5-Trimethylbenzene	11.49	105	17223	0.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	218013	58.153	ug/l #	12
82) 4-Chlorotoluene	11.41	91	8936	0.358	ug/l	75
83) tert-Butylbenzene	11.79	119	7731	0.313	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.79	105	59161	2.184	ug/l	97
86) p-Isopropyltoluene	12.05	119	45536	1.641	ug/l	92
87) 1,3-Dichlorobenzene	12.09	146	59251	3.936	ug/l	90
88) 1,4-Dichlorobenzene	12.09	146	59251	4.018	ug/l	90
89) n-Butylbenzene	12.56	91	12558	0.547	ug/l	82
90) Hexachloroethane	12.57	117	1655	0.300	ug/l #	12
91) 1,2-Dichlorobenzene	12.38	146	4823	0.347	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	13.00	75	960	0.362	ug/l #	27
95) Naphthalene	13.82	128	24439	0.847	ug/l #	97

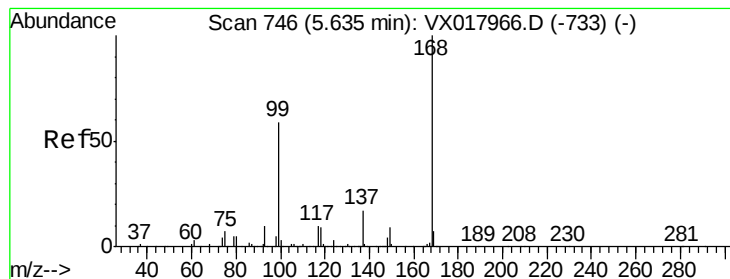
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

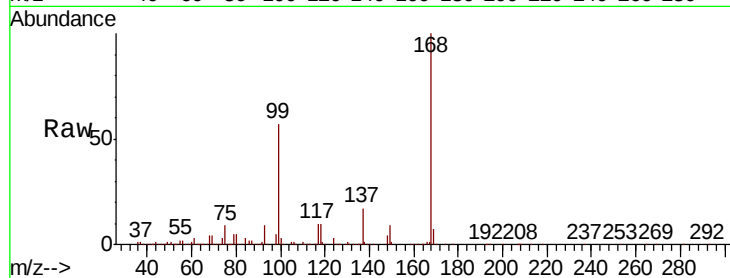
200819016-02-VOA

Tot Ion:168 Resp: 603151

Ion Ratio Lower Upper

168 100

99 56.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

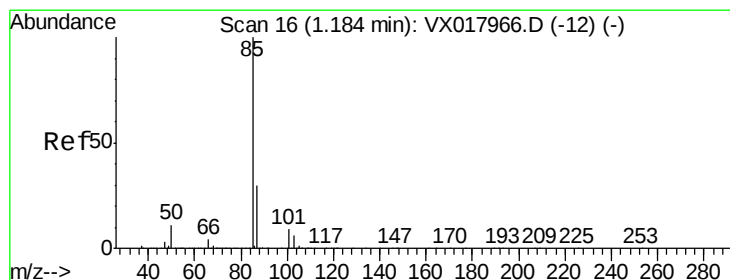
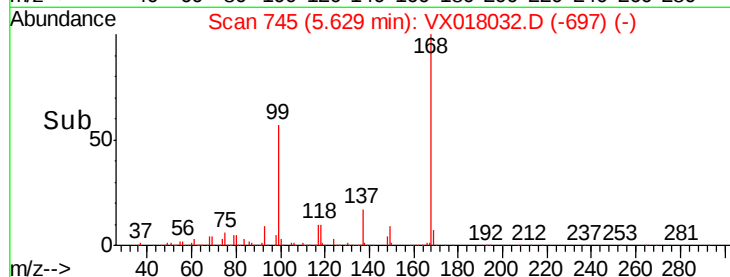
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.067 ug/l

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX018032.D

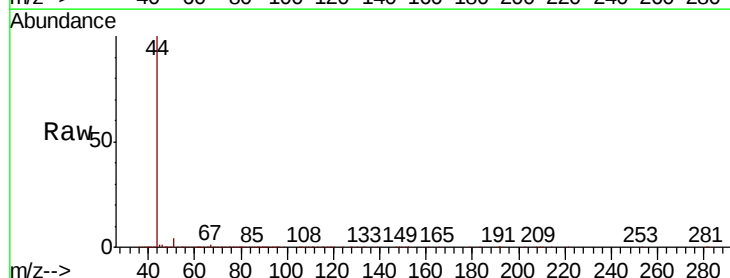
Acq: 20 Aug 2020 14:10

Tgt Ion: 85 Resp: 721

Ion Ratio Lower Upper

85 100

87 59.6 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600

400

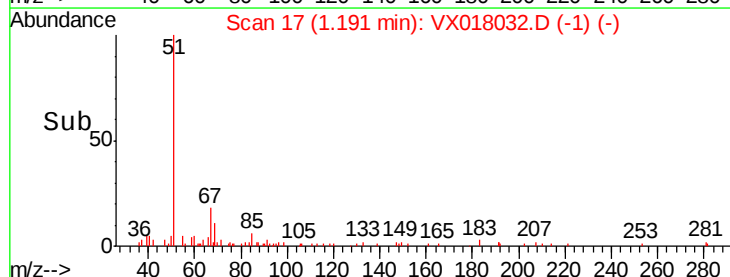
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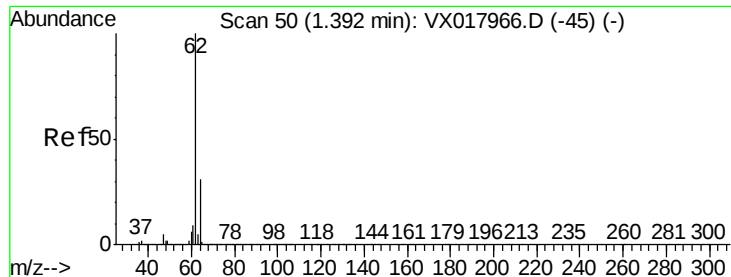
0

1.15

1.20

Time-->





#4

Vinyl Chloride

Concen: 2.584 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

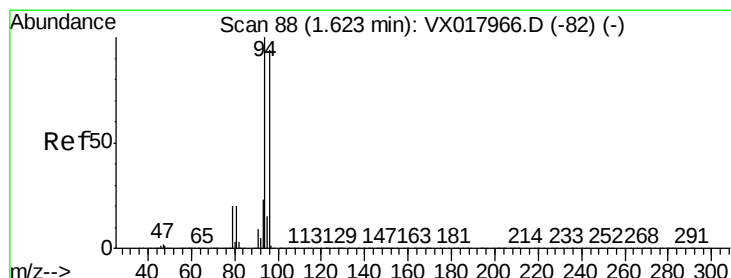
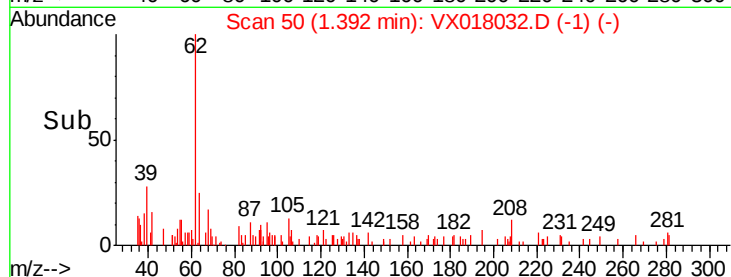
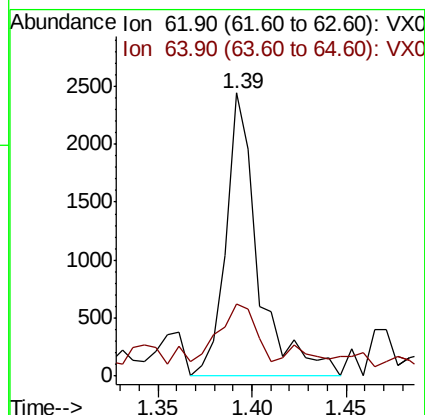
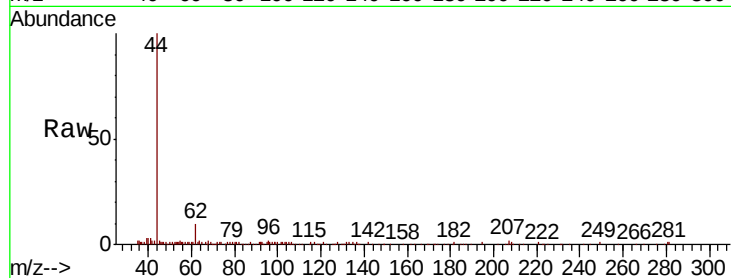
200819016-02-VOA

Tot Ion: 62 Resp: 2903

Ion Ratio Lower Upper

62 100

64 20.2 24.7 37.1#



#5

Bromomethane

Concen: 0.238 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018032.D

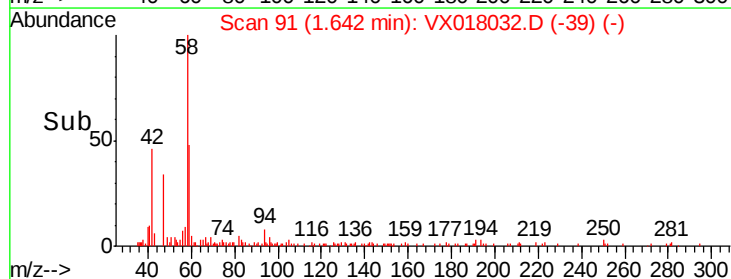
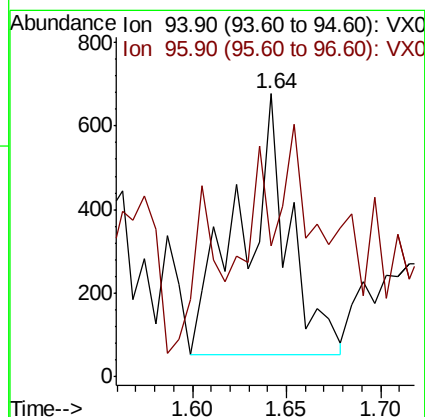
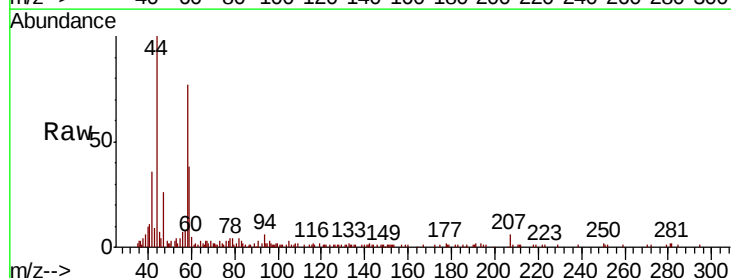
Acq: 20 Aug 2020 14:10

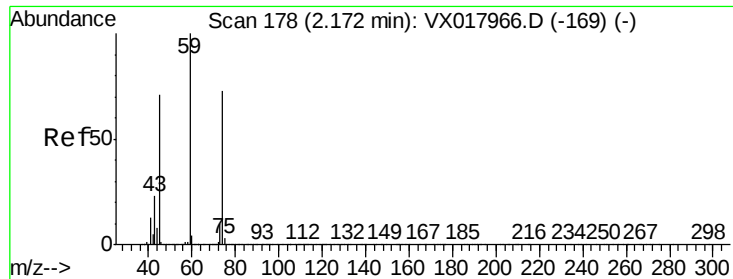
Tgt Ion: 94 Resp: 1097

Ion Ratio Lower Upper

94 100

96 16.1 75.5 113.3#





#8

Diethyl Ether

Concen: 2.897 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.00 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

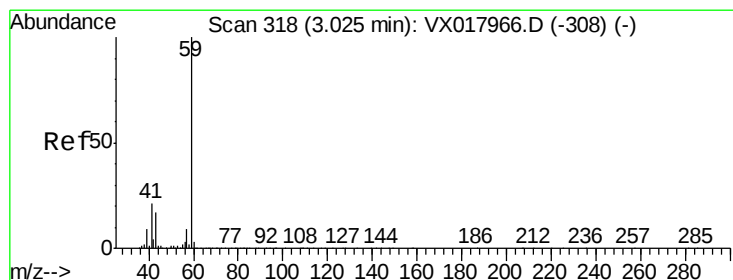
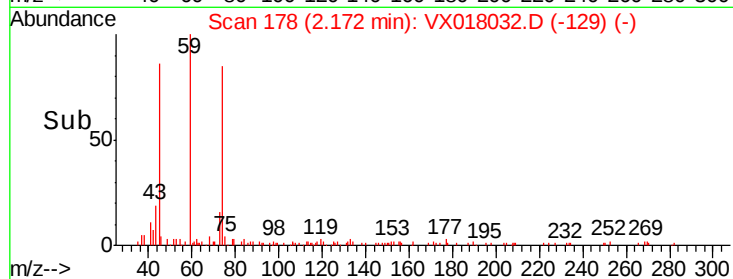
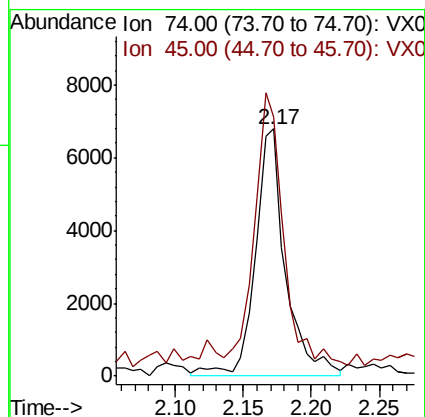
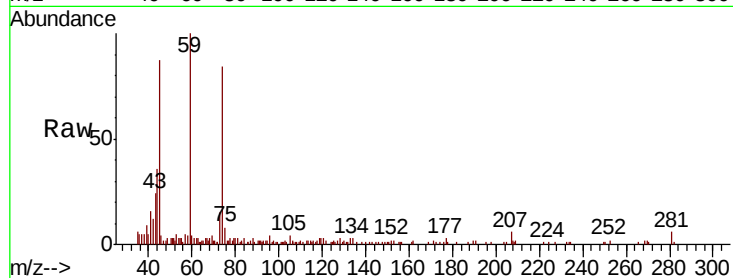
200819016-02-VOA

Tot Ion: 74 Resp: 10663

Ion Ratio Lower Upper

74 100

45 104.4 50.5 151.6



#11

Tert butyl alcohol

Concen: 3489.413 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018032.D

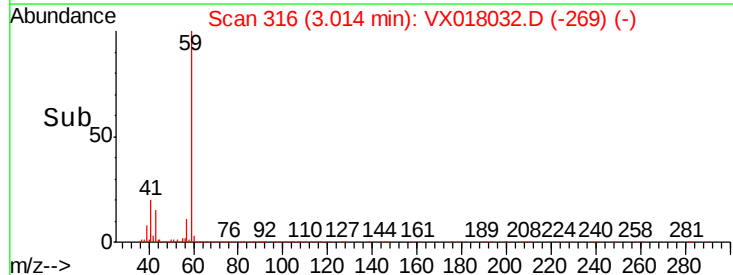
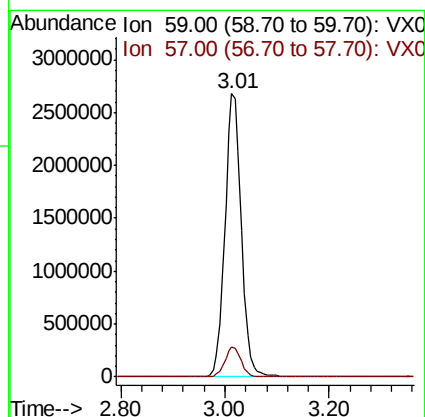
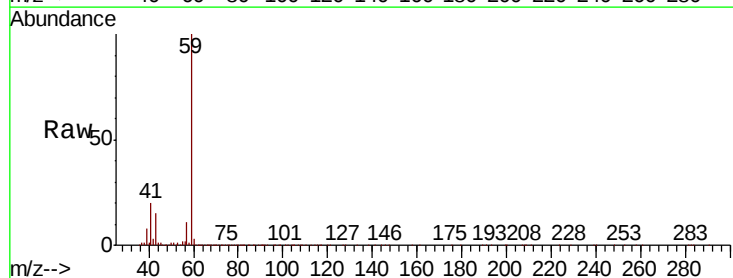
Acq: 20 Aug 2020 14:10

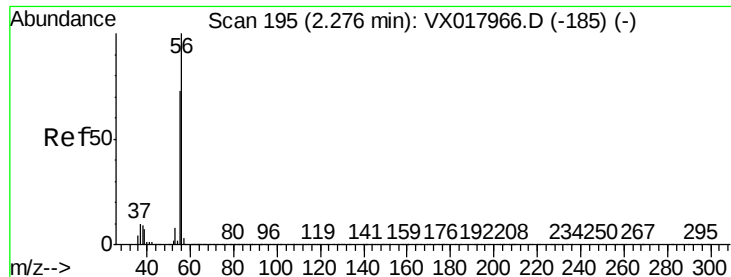
Tgt Ion: 59 Resp: 5956820

Ion Ratio Lower Upper

59 100

57 10.5 8.6 13.0





#13

Acrolein

Concen: 0.446 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

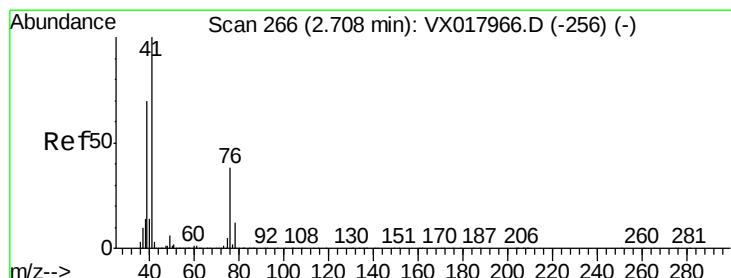
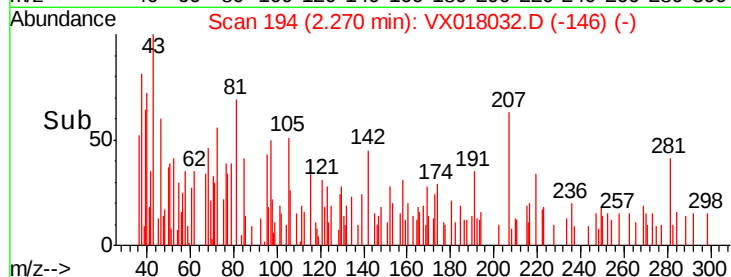
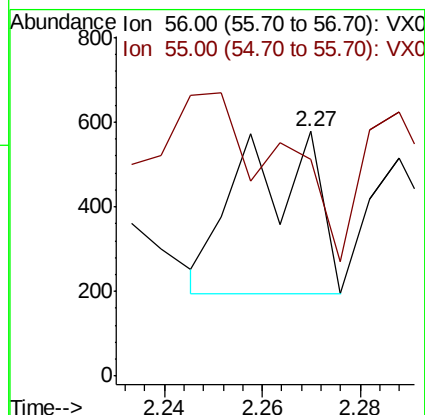
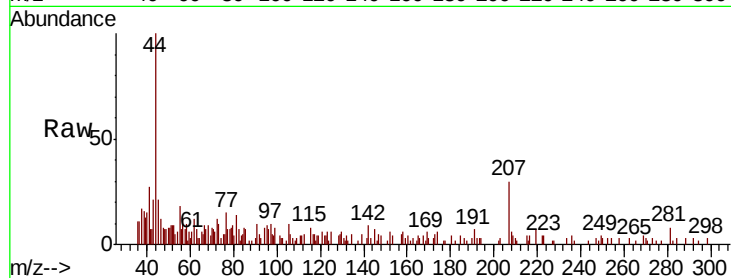
200819016-02-VOA

Tot Ion: 56 Resp: 402

Ion Ratio Lower Upper

56 100

55 343.3 58.2 87.4#



#14

Allyl chloride

Concen: 4.371 ug/l

RT: 2.68 min Scan# 262

Delta R.T. -0.02 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

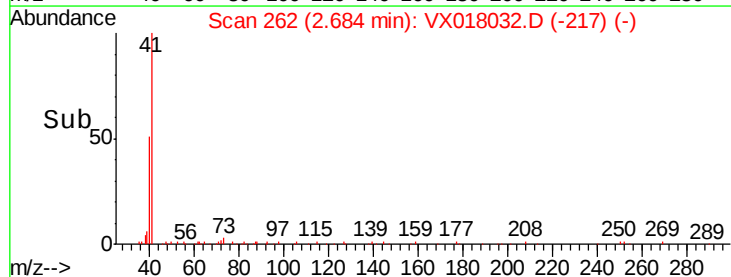
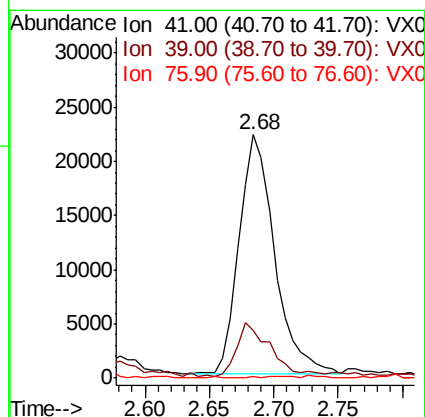
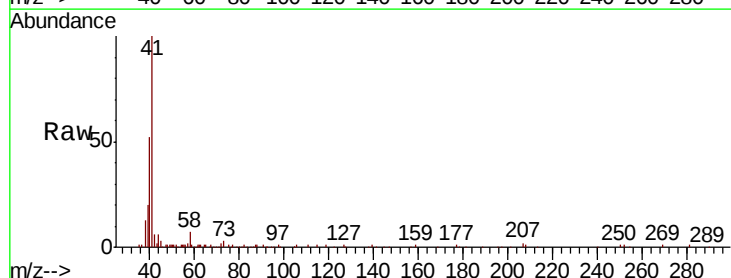
Tgt Ion: 41 Resp: 42380

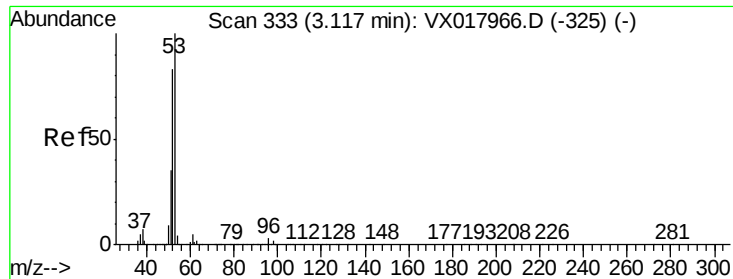
Ion Ratio Lower Upper

41 100

39 21.0 51.7 77.5#

76 0.0 26.3 39.5#





#15

Acrylonitrile

Concen: 12.487 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.10 min

Lab File: VX018032.D

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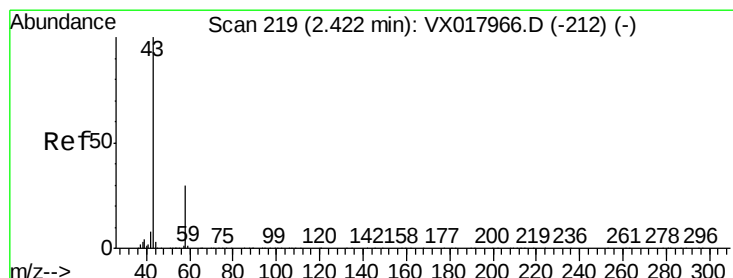
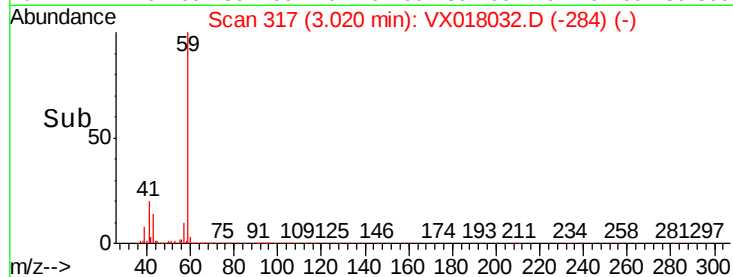
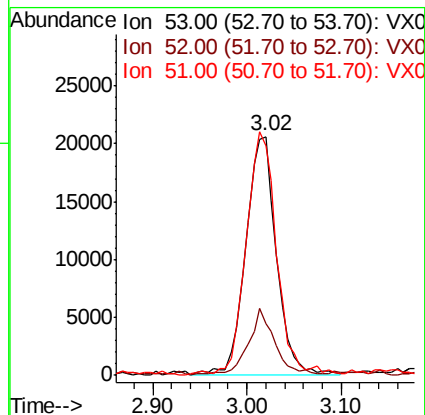
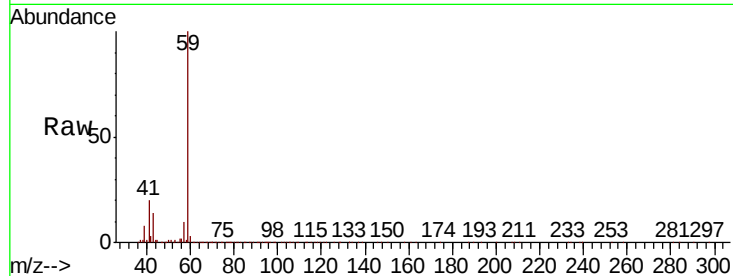
Tot Ion: 53 Resp: 46553

Ion Ratio Lower Upper

53 100

52 23.0 67.1 100.7#

51 100.5 29.2 43.8#



#16

Acetone

Concen: 60.818 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

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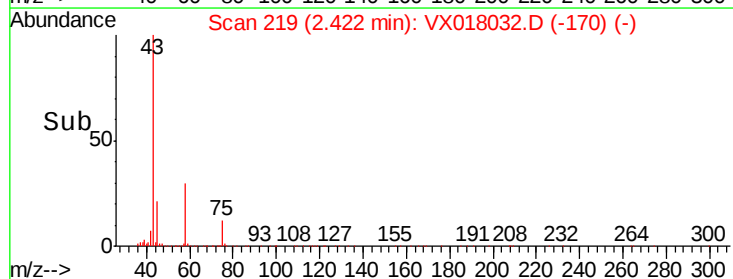
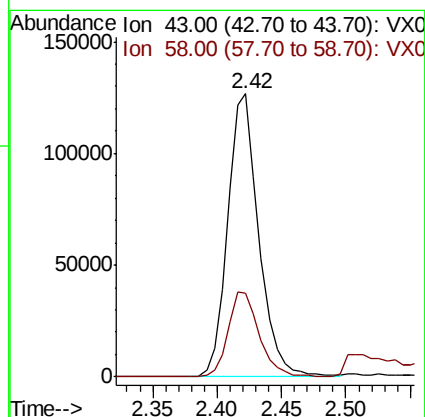
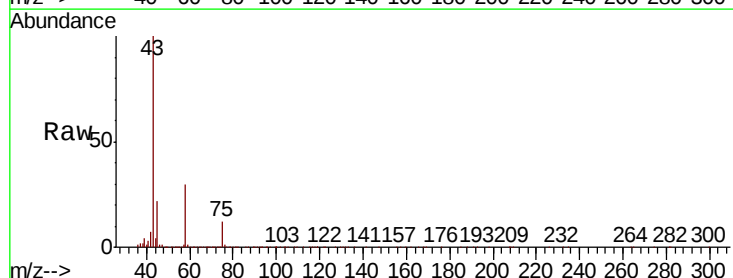
Acq: 20 Aug 2020 14:10

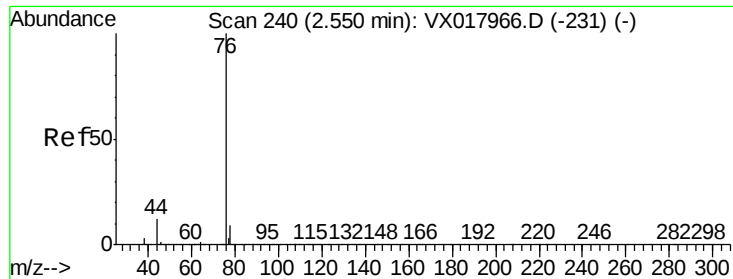
Tgt Ion: 43 Resp: 211550

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.8

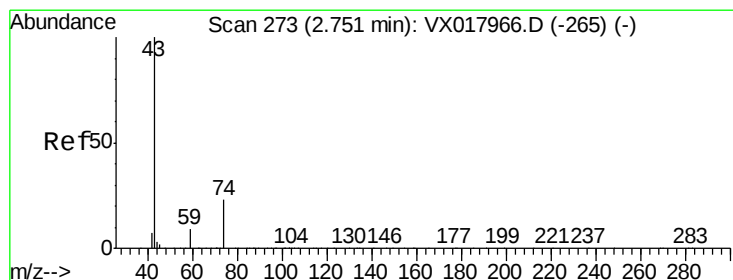
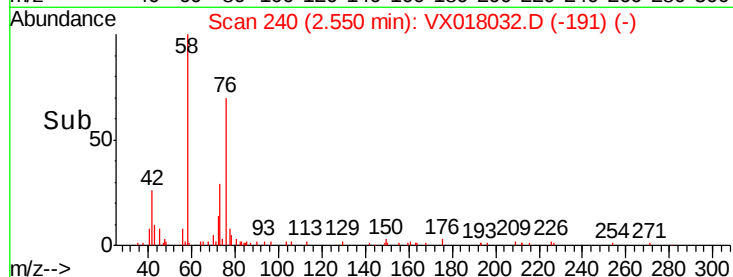
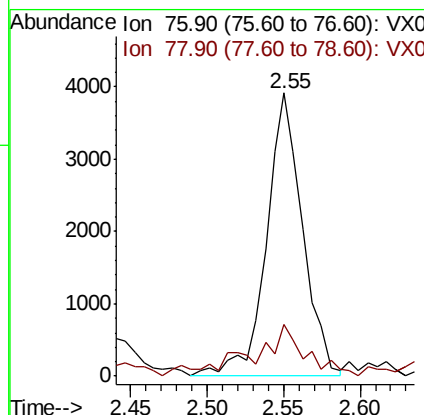
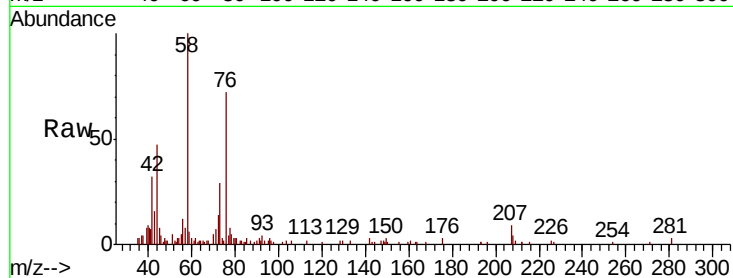




#17
Carbon Disulfide
Concen: 0.488 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

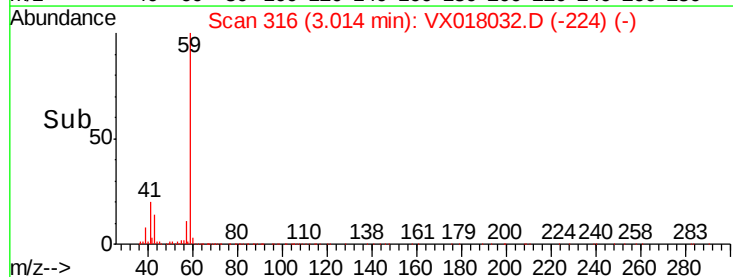
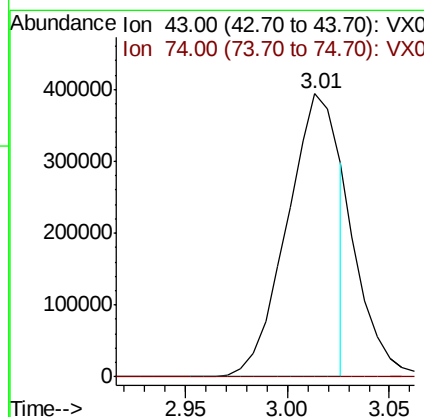
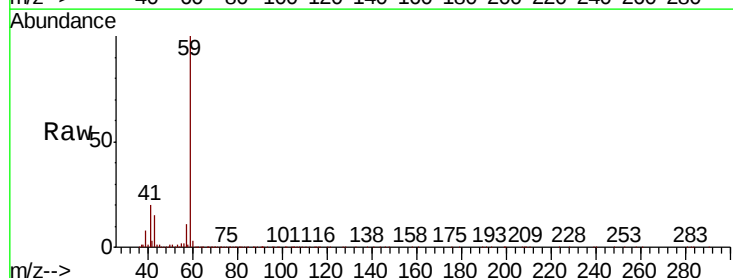
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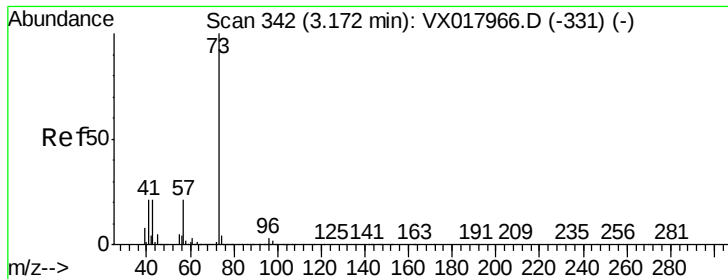
Tot Ion: 76 Resp: 6431
Ion Ratio Lower Upper
76 100
78 16.0 7.3 10.9#



#18
Methyl Acetate
Concen: 79.486 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.26 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 43 Resp: 695729
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#

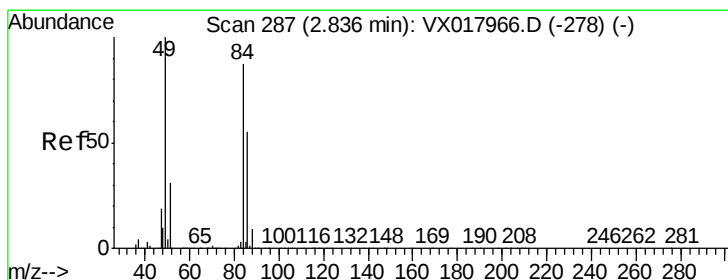
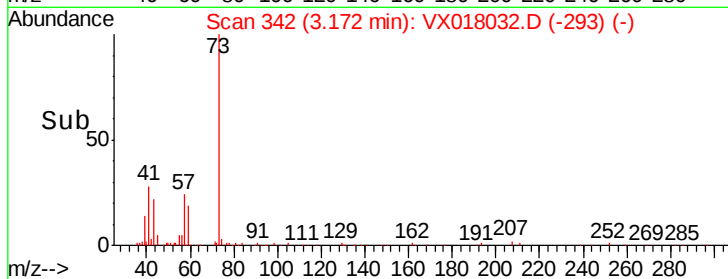
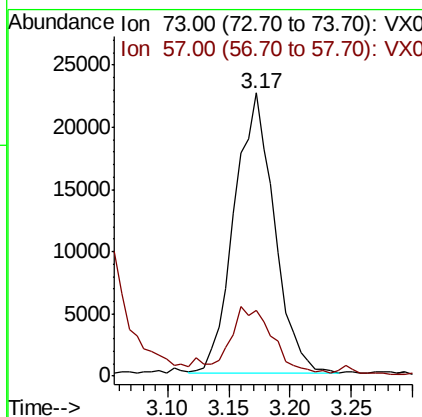
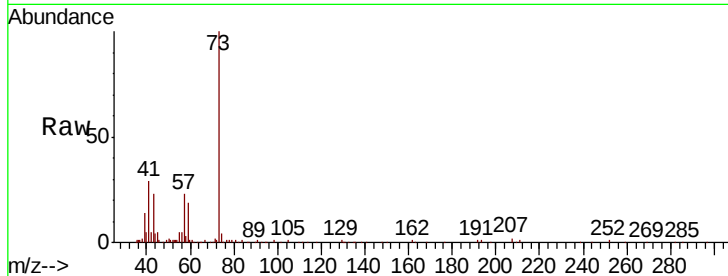




#19
Methvl tert-butvl Ether
Concen: 2.454 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

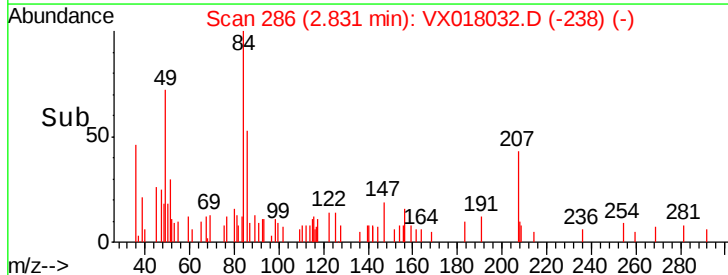
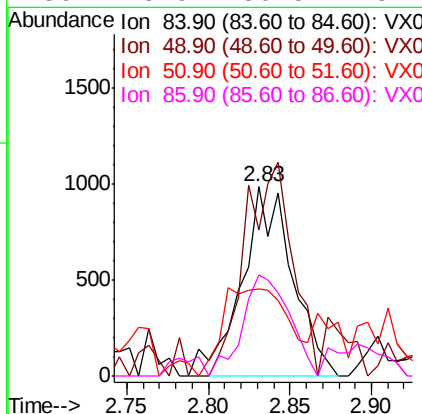
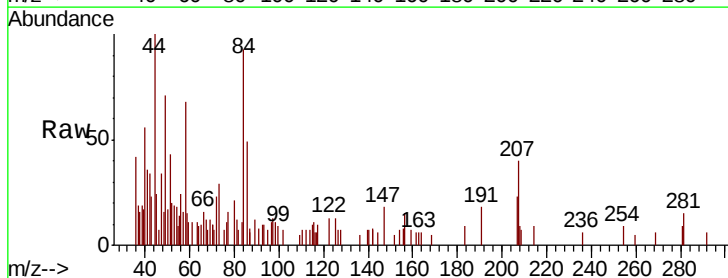
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

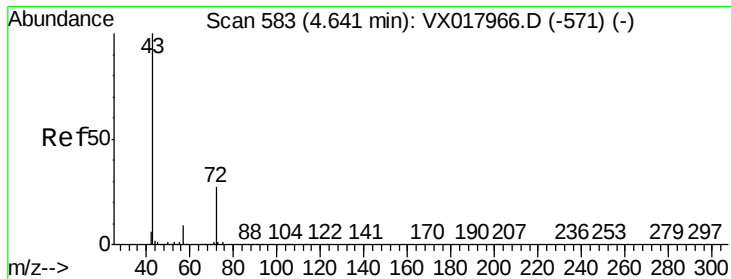
Tot Ion: 73 Resp: 51006
Ion Ratio Lower Upper
73 100
57 21.6 16.9 25.3



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 84 Resp: 2142
Ion Ratio Lower Upper
84 100
49 77.0 91.8 137.6#
51 38.9 27.8 41.8
86 45.9 50.5 75.7#

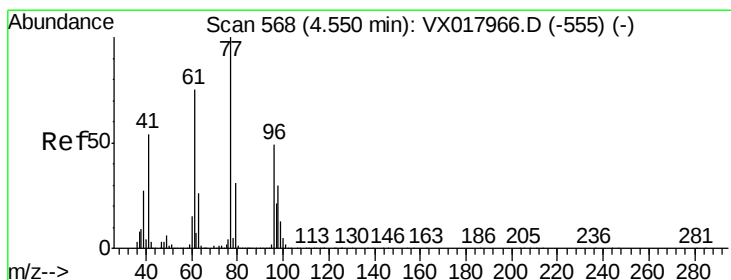
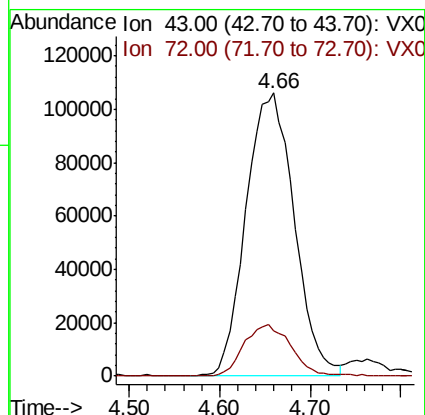
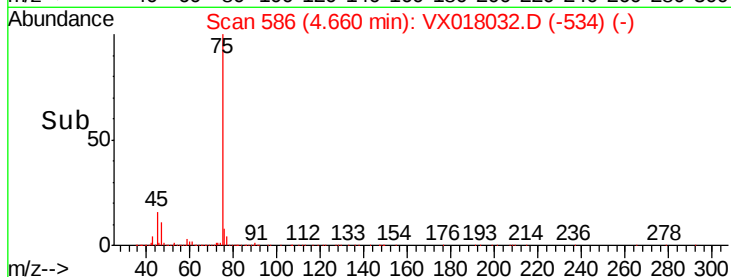
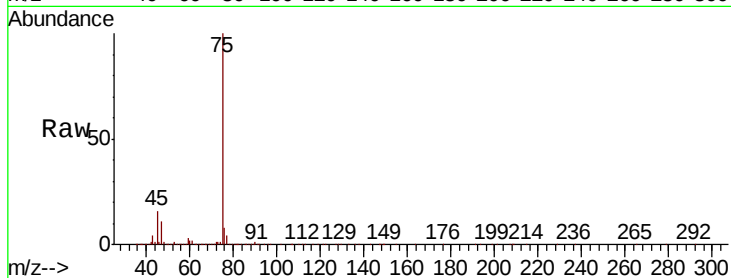




#25
2-Butanone
Concen: 74.081 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

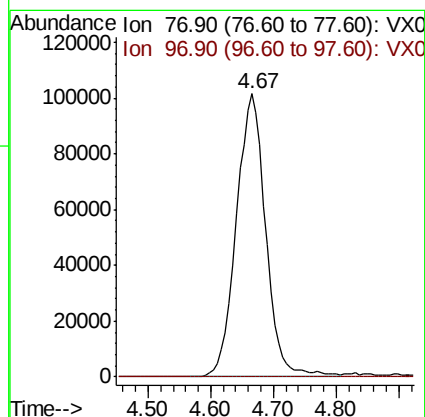
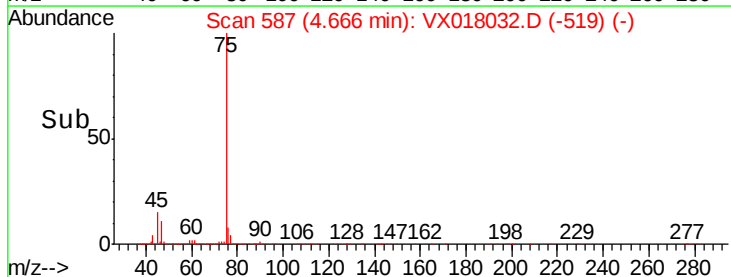
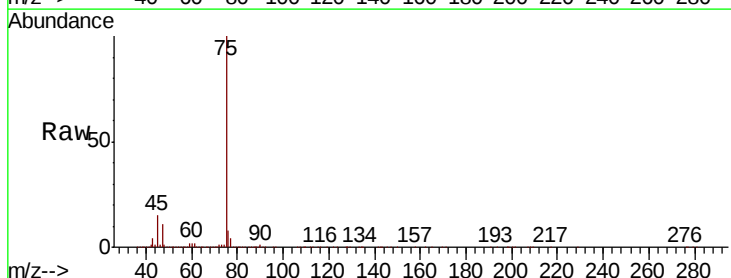
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

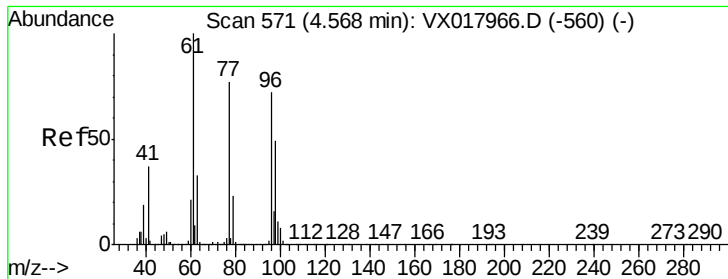
Tot Ion: 43 Resp: 390116
Ion Ratio Lower Upper
43 100
72 16.1 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 31.957 ug/l
RT: 4.67 min Scan# 587
Delta R.T. 0.12 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 77 Resp: 327900
Ion Ratio Lower Upper
77 100
97 0.1 10.9 32.9#



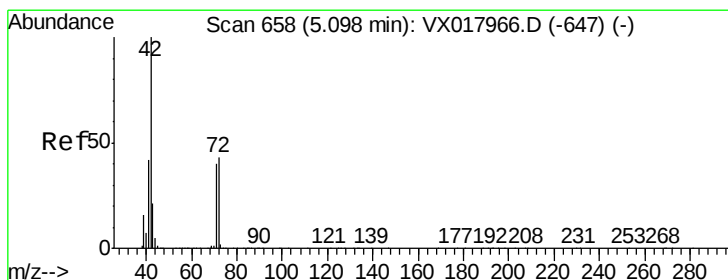
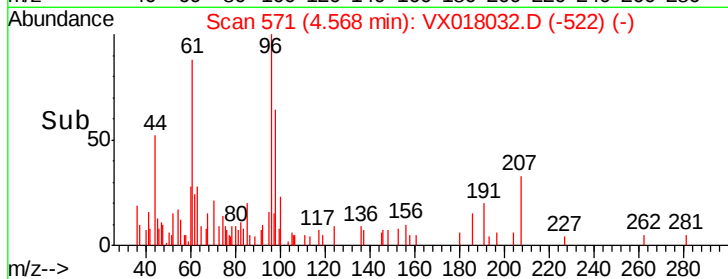
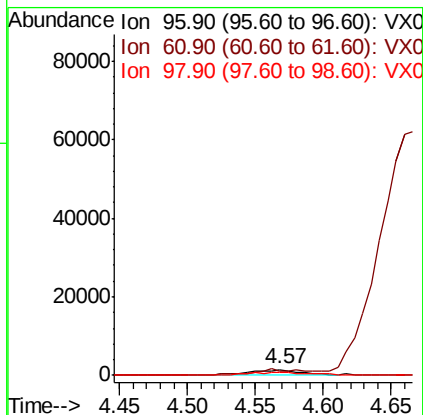
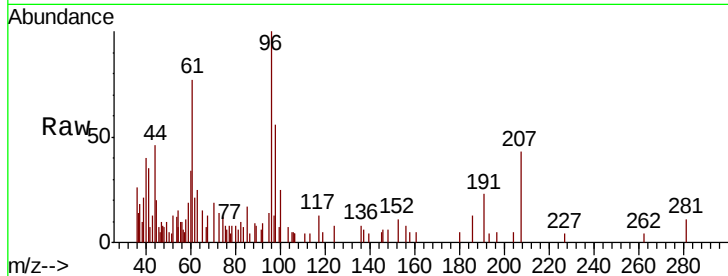


#27

cis-1,2-Dichloroethene
Concen: 0.618 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

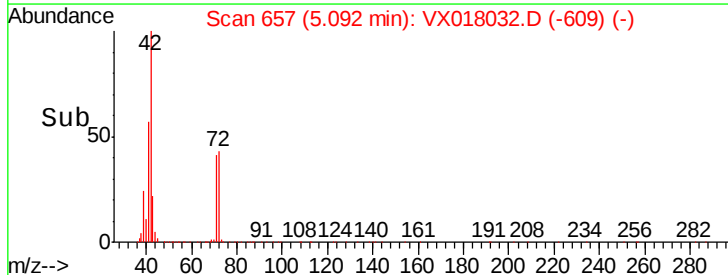
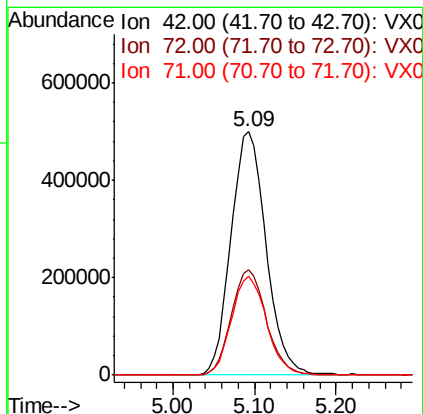
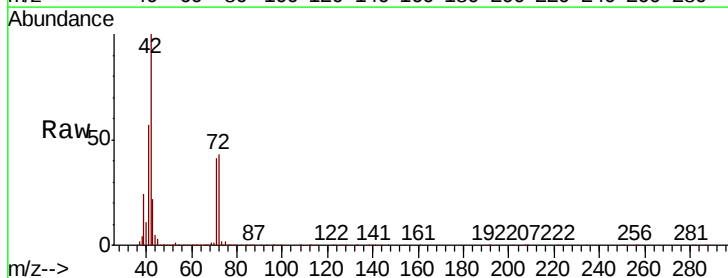
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	298.8
98	63.1	0.0	130.2

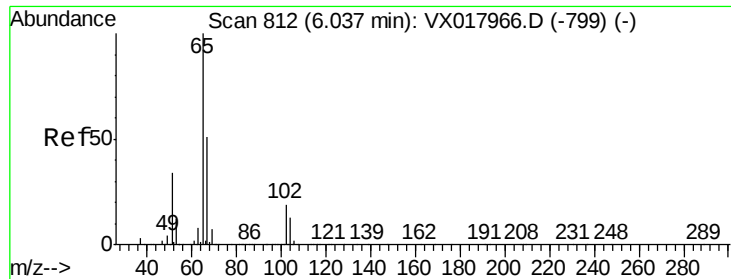


#29

Tetrahydrofuran
Concen: 454.973 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.9	53.9
71	40.4	33.0	49.4

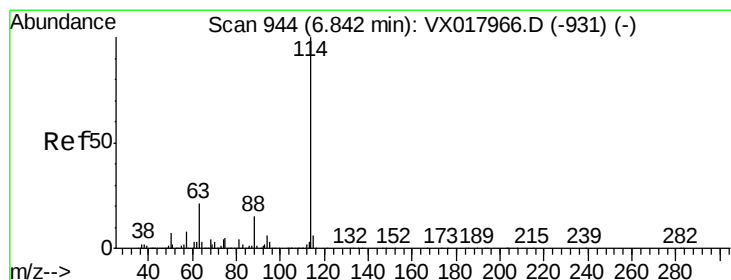
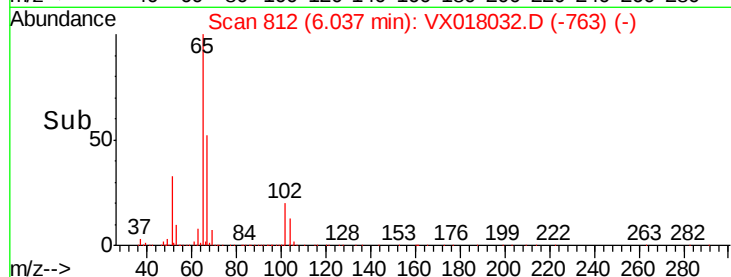
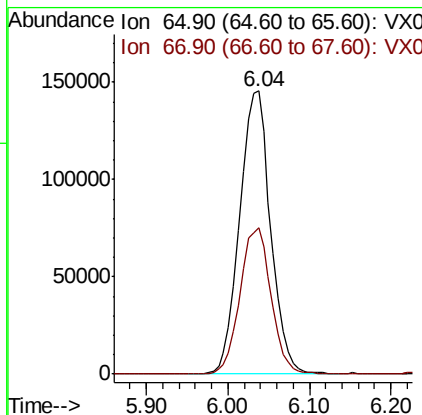
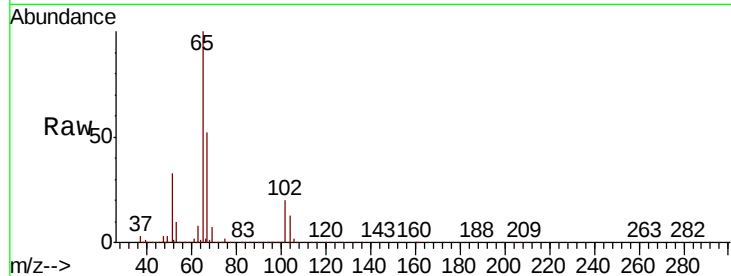




#33
 1,2-Dichloroethane-d4
 Concen: 43.401 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

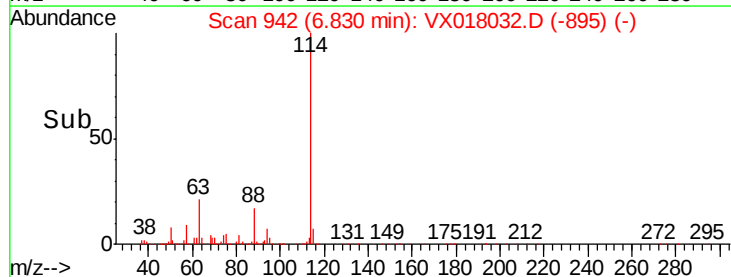
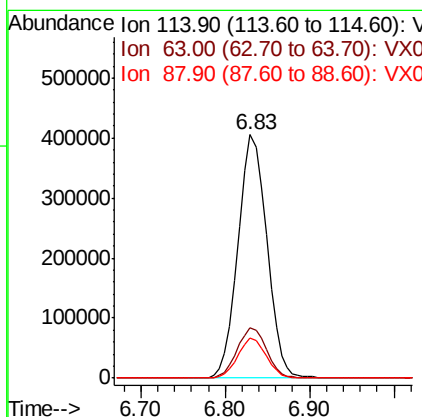
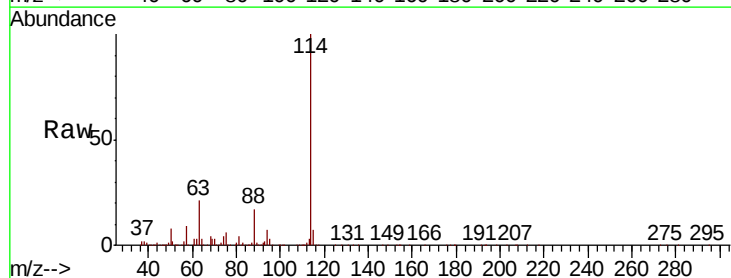
Instrument :
 MSVOA_X
 ClientSampleId :
 200819016-02-VOA

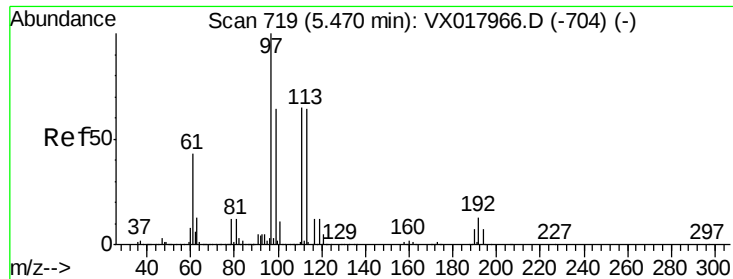
Tot Ion: 65 Resp: 383745
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

Tgt Ion: 114 Resp: 942393
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 16.5 0.0 30.2

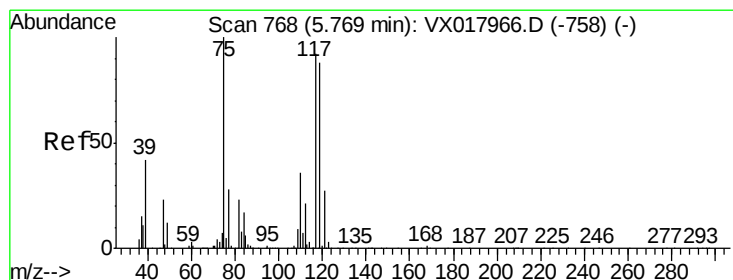
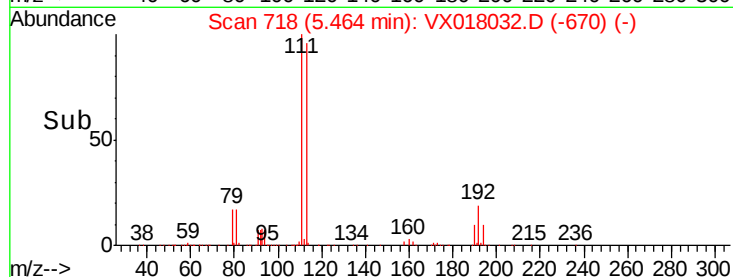
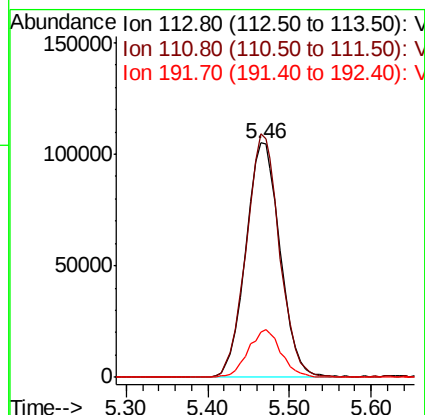
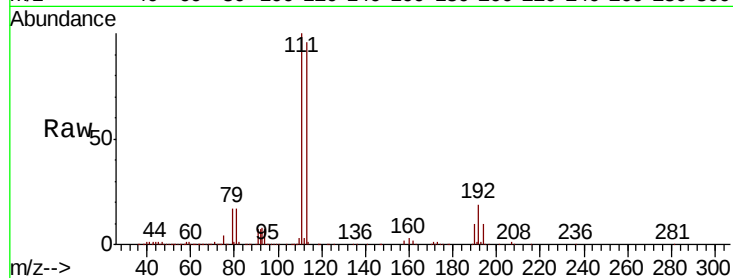




#35
 Dibromofluoromethane
 Concen: 43.701 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

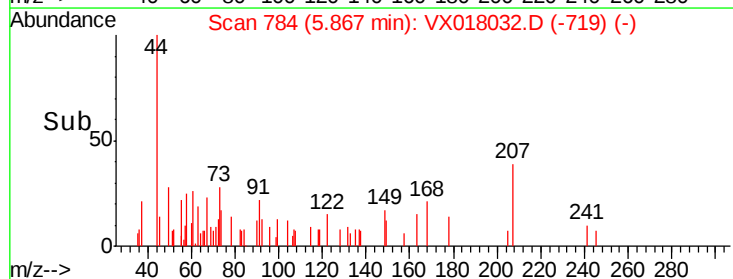
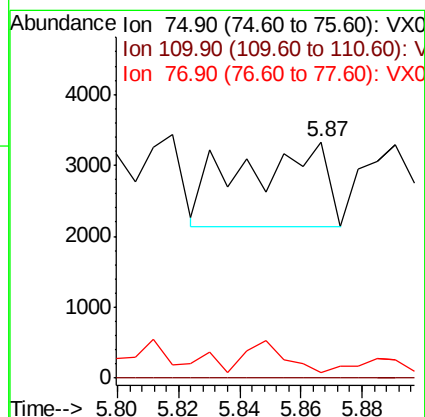
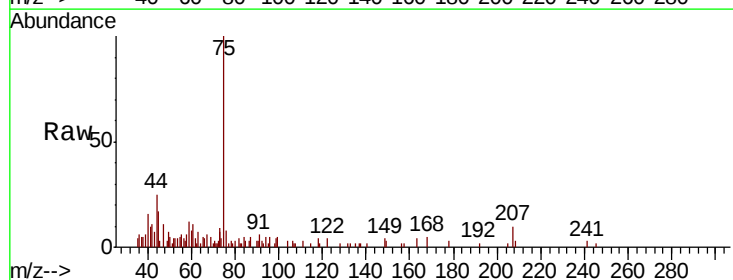
Instrument :
 MSVOA_X
 ClientSampleId :
 200819016-02-VOA

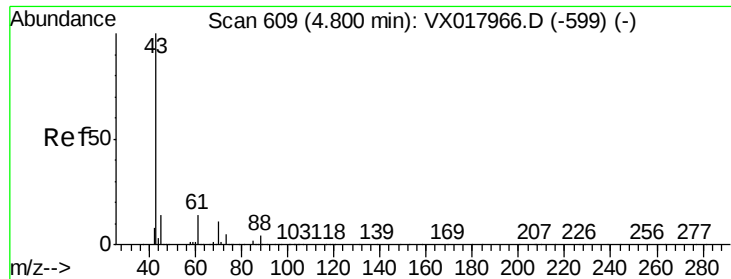
Tot Ion:113 Resp: 306689
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.5 125.3
 192 19.6 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 0.283 ug/l
 RT: 5.87 min Scan# 784
 Delta R.T. 0.10 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

Tgt Ion: 75 Resp: 2232
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.7 56.1#
 77 22.0 24.4 36.6#

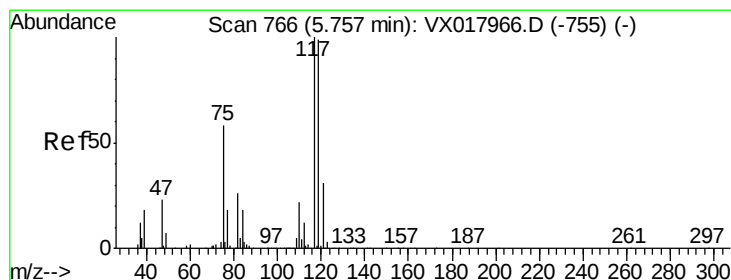
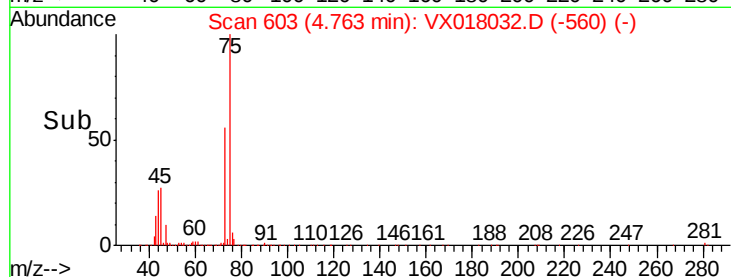
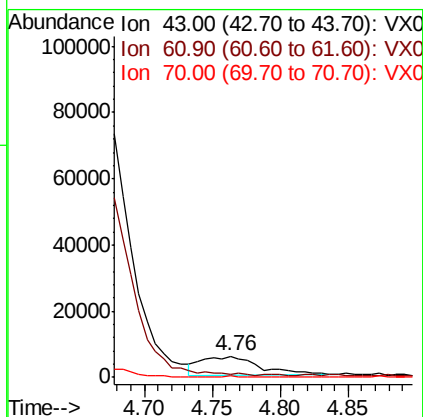
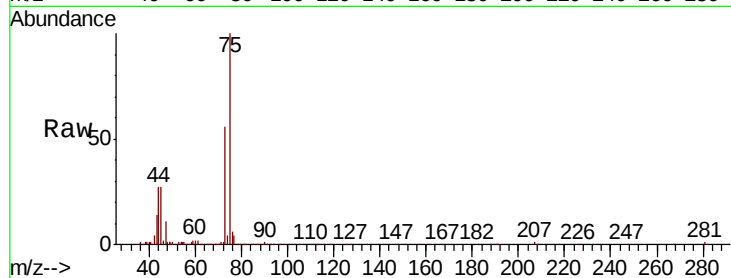




#37
Ethyl Acetate
Concen: 1.816 ug/l
RT: 4.76 min Scan# 603
Delta R.T. -0.04 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

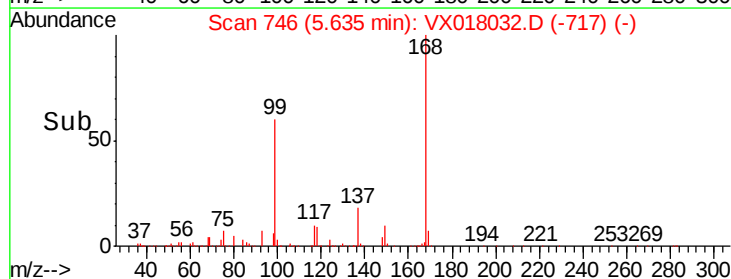
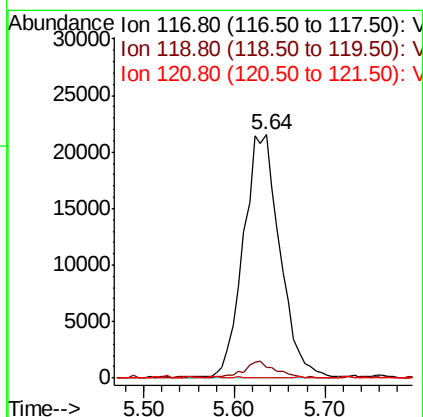
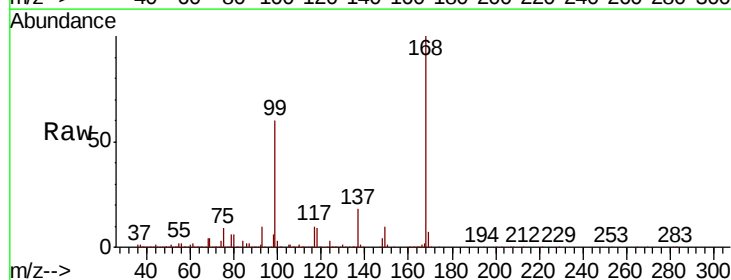
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

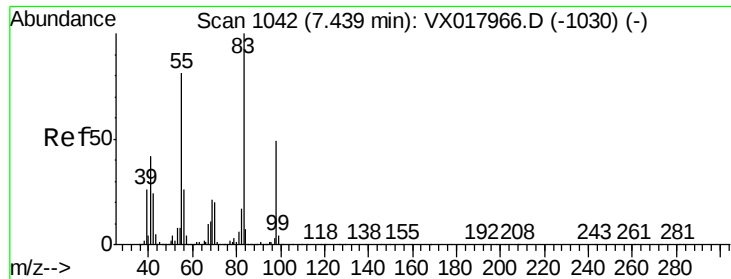
Tot Ion: 43 Resp: 17142
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 2.1 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.924 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 117 Resp: 60476
Ion Ratio Lower Upper
117 100
119 4.2 79.0 118.6#
121 0.0 24.7 37.1#

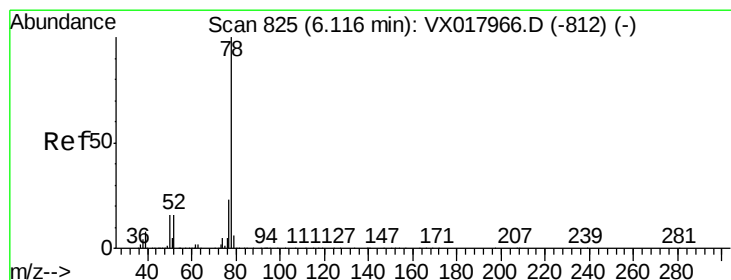
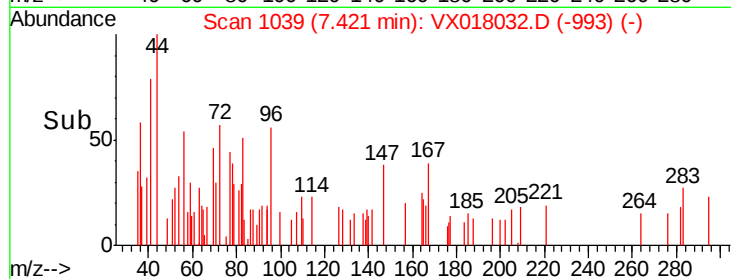
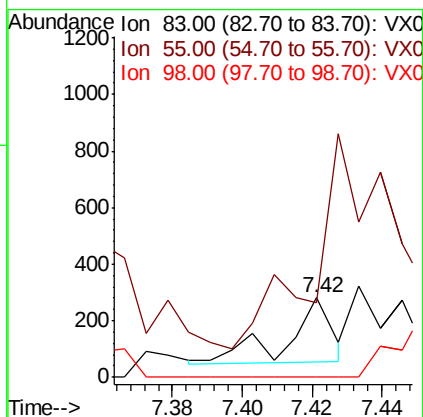
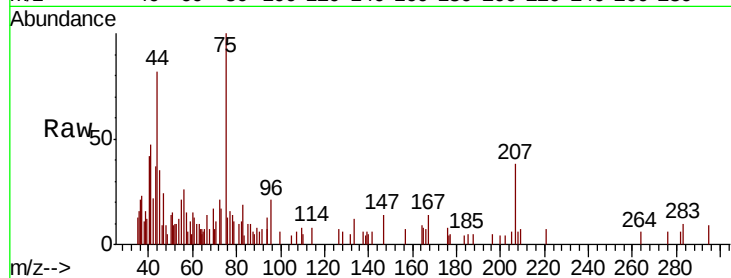




#39
Methvlcvclohexane
Concen: 0.833 ug/l
RT: 7.42 min Scan# 1039
Delta R.T. -0.02 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

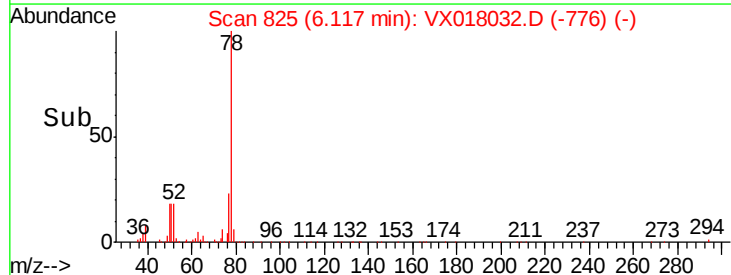
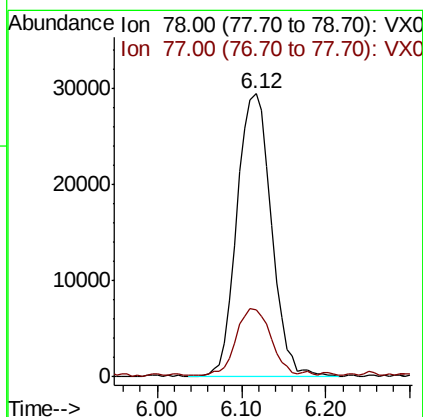
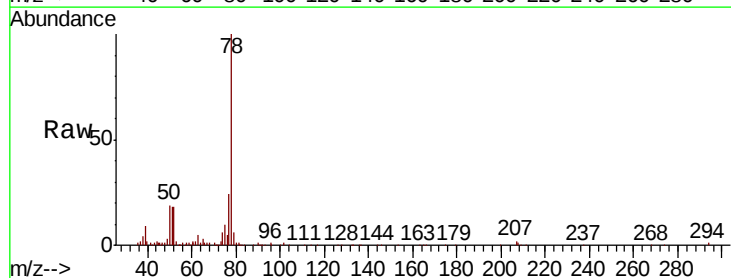
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

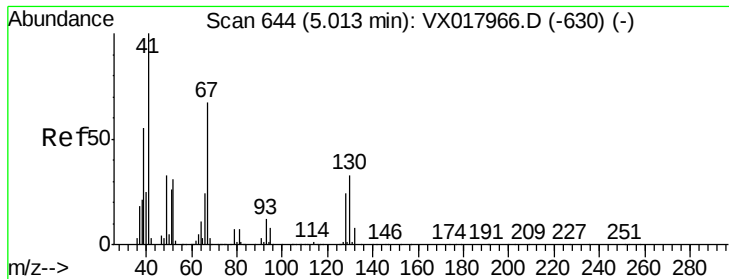
Tot Ion: 83 Resp: 200
Ion Ratio Lower Upper
83 100
55 45.9 64.5 96.7#
98 0.0 39.0 58.6#



#40
Benzene
Concen: 3.405 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 78 Resp: 80885
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

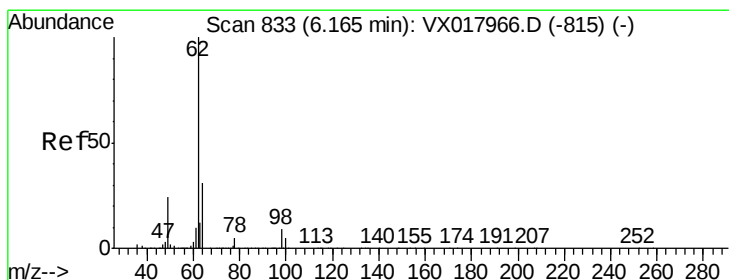
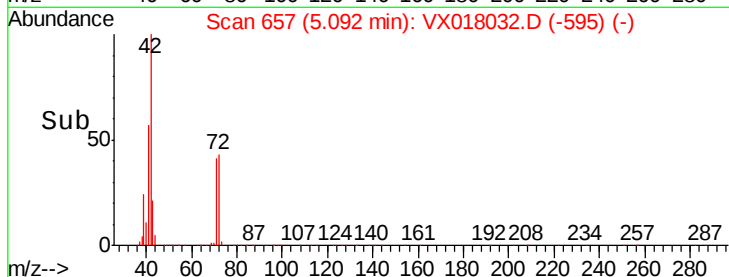
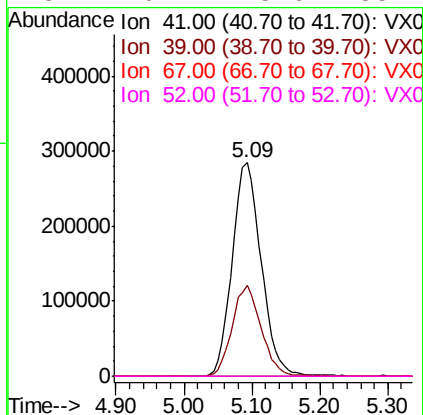
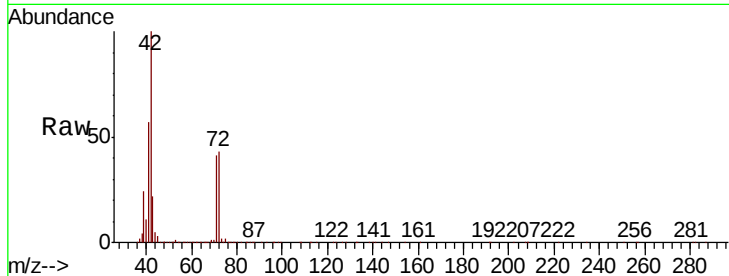




#41
Methacrylonitrile
Concen: 155.355 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.08 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

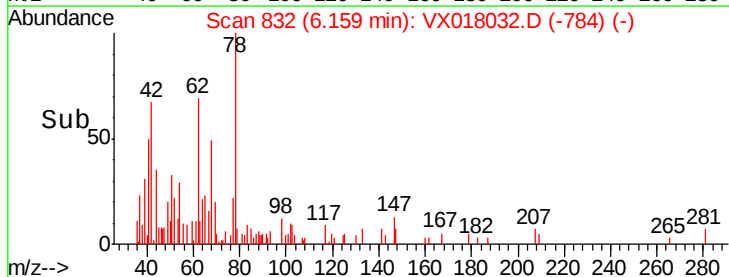
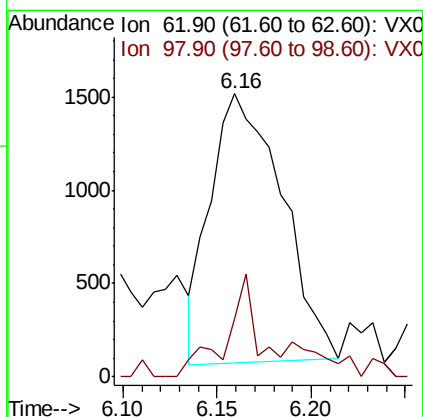
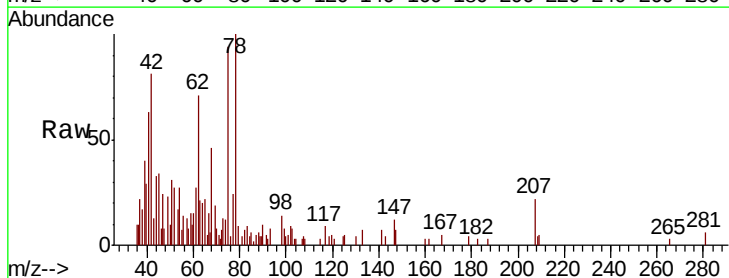
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

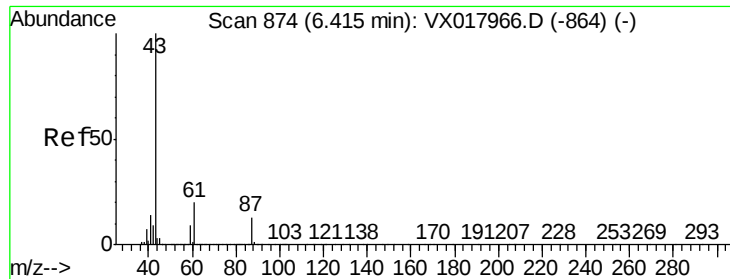
Tot Ion:	41	Resp:	840369
Ion	Ratio	Lower	Upper
41	100		
39	42.0	44.8	67.2#
67	0.0	57.5	86.3#
52	0.2	25.6	38.4#



#42
1,2-Dichloroethane
Concen: 0.376 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion:	62	Resp:	3793
Ion	Ratio	Lower	Upper
62	100		
98	16.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 0.506 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

200819016-02-VOA

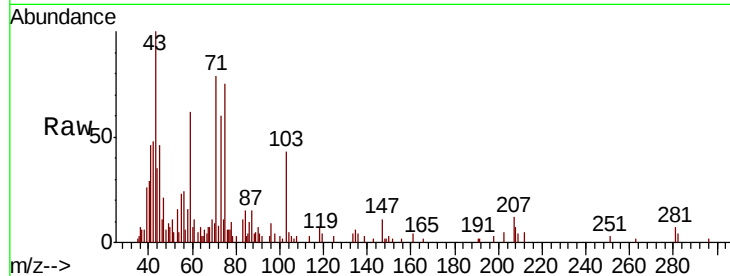
Tot Ion: 43 Resp: 7713

Ion Ratio Lower Upper

43 100

61 5.4 16.2 24.4#

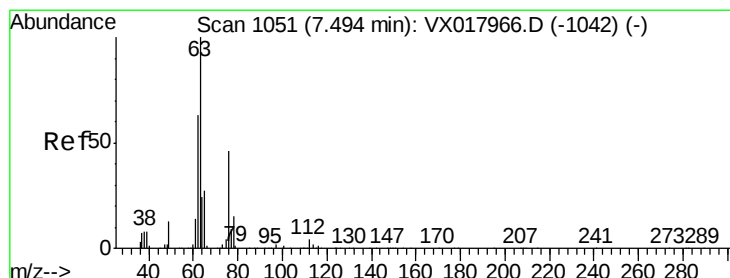
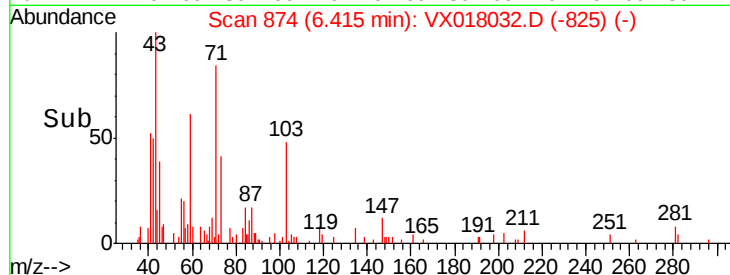
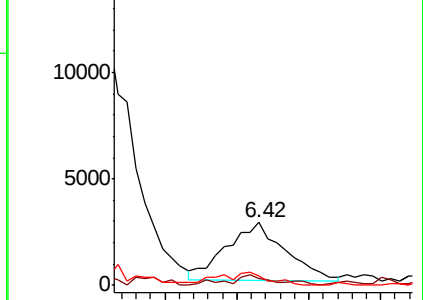
87 20.8 10.8 16.2#



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



#45

1,2-Dichloropropane

Concen: 0.233 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018032.D

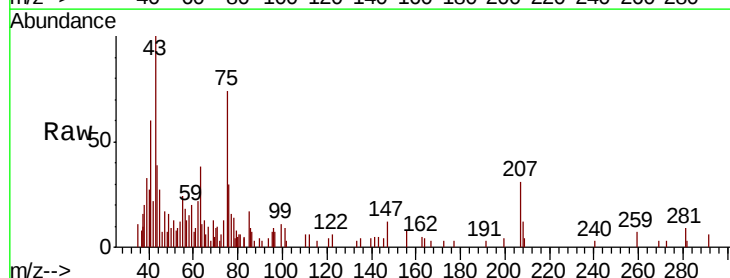
Acq: 20 Aug 2020 14:10

Tgt Ion: 63 Resp: 1583

Ion Ratio Lower Upper

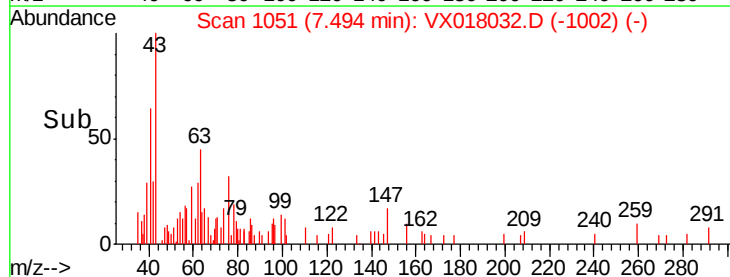
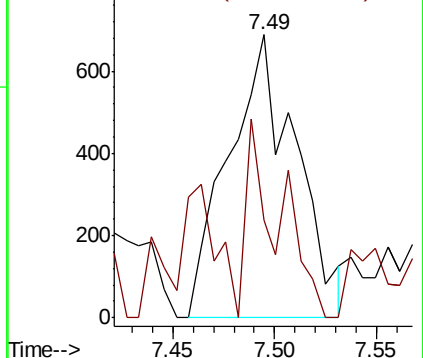
63 100

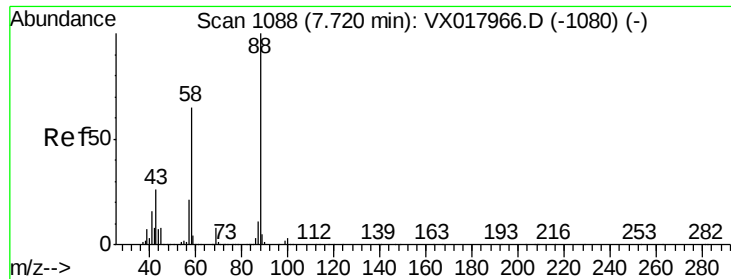
65 34.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

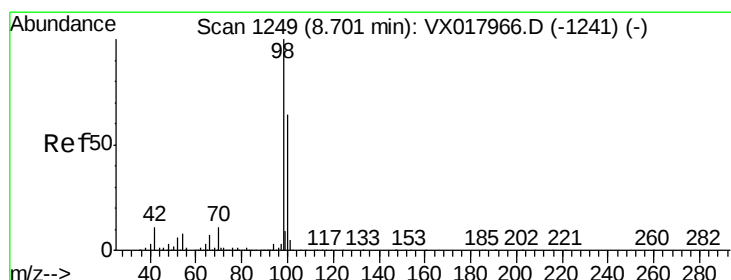
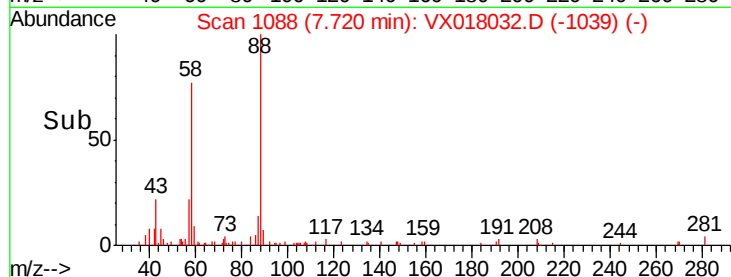
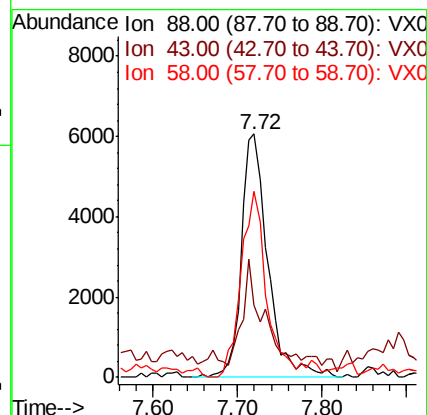
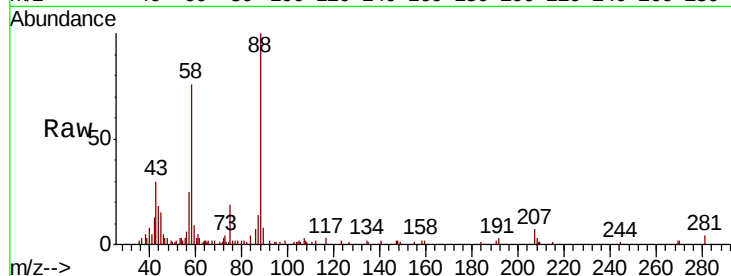




#49
1,4-Dioxane
Concen: 82.232 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

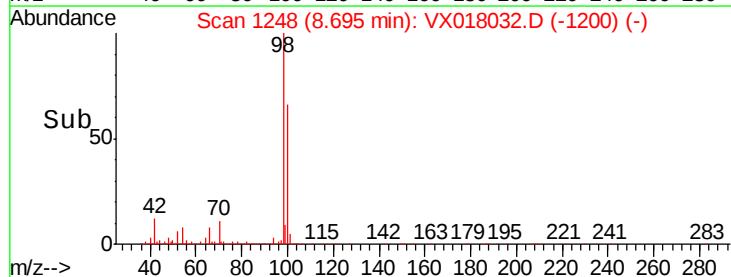
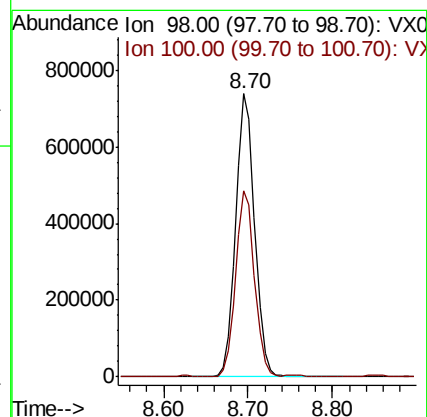
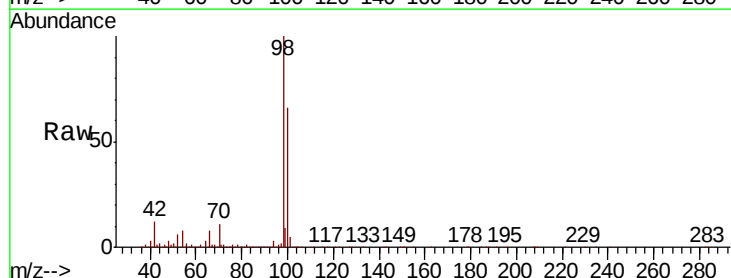
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

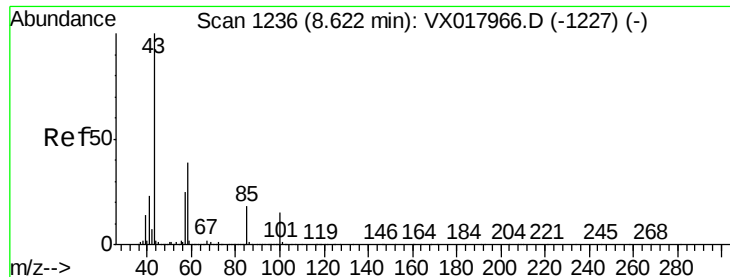
Tot Ion	88	Resp	12715
Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.3	40.9
58	73.2	57.7	86.5



#50
Toluene-d8
Concen: 45.558 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion	98	Resp	1130145
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 4.867 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

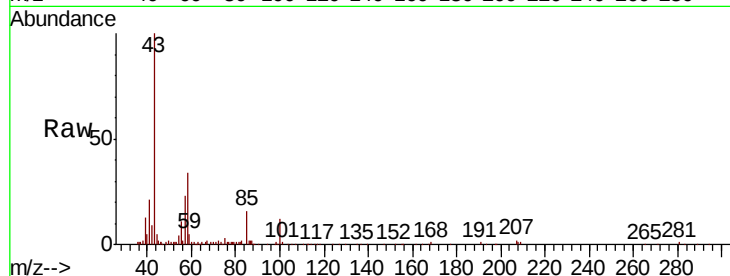
200819016-02-VOA

Tot Ion: 43 Resp: 49925

Ion Ratio Lower Upper

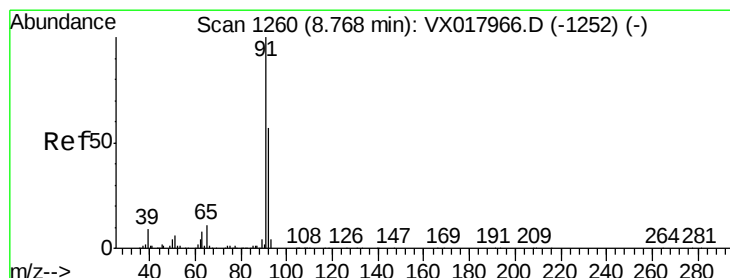
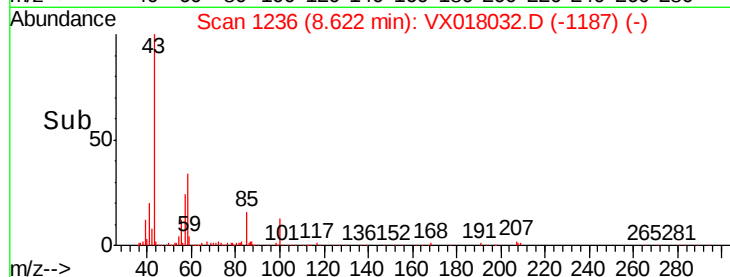
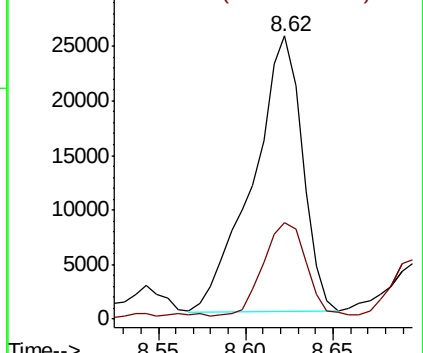
43 100

58 30.8 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.953 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018032.D

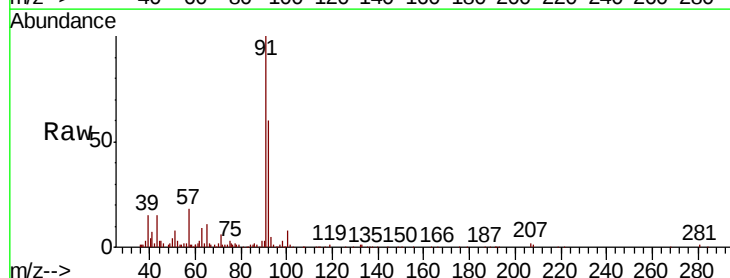
Acq: 20 Aug 2020 14:10

Tgt Ion: 92 Resp: 30359

Ion Ratio Lower Upper

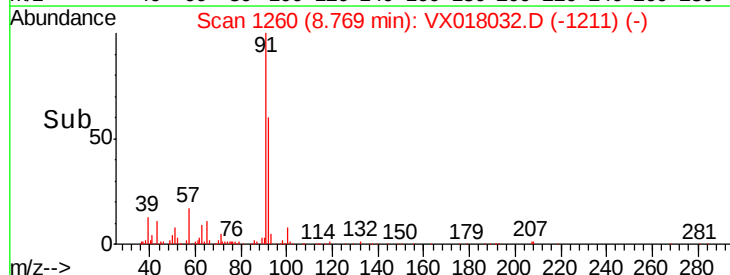
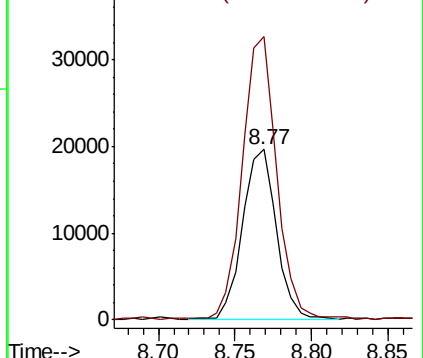
92 100

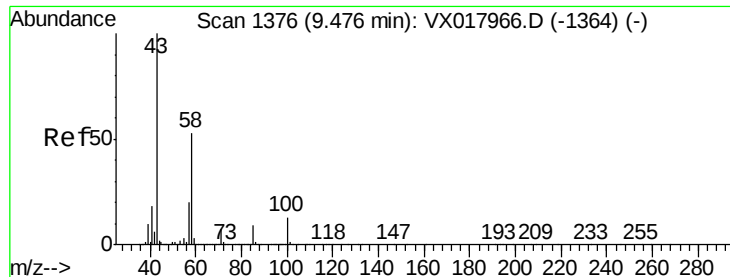
91 168.5 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

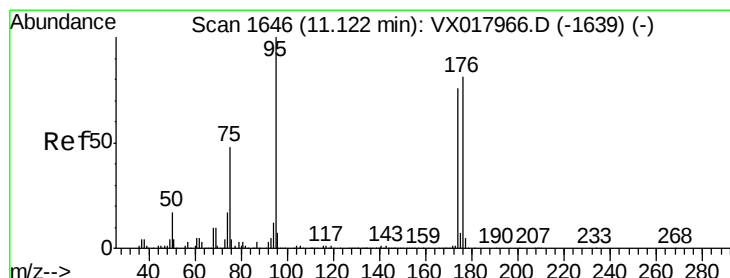
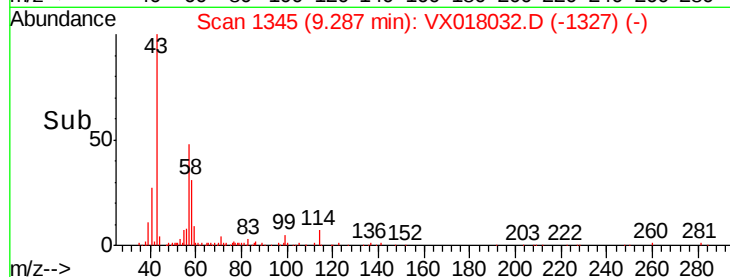
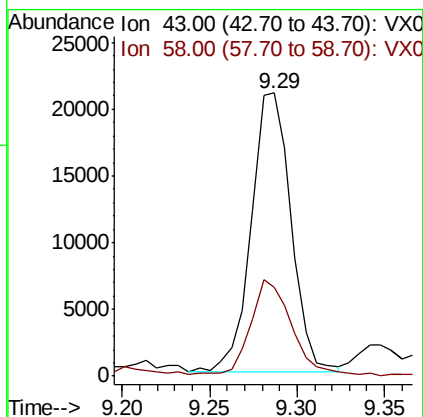
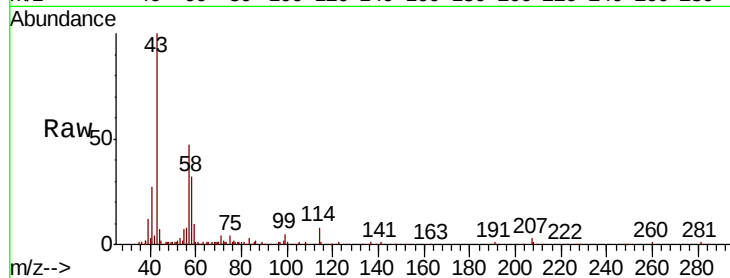




#59
2-Hexanone
Concen: 4.265 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. -0.19 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

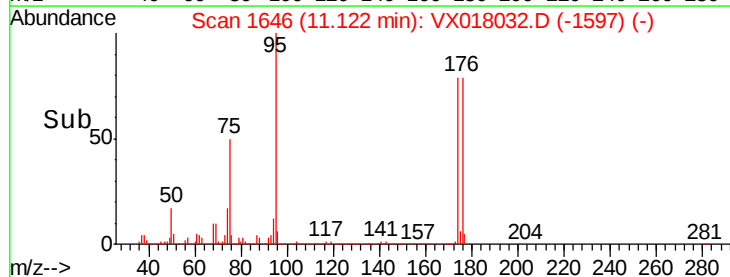
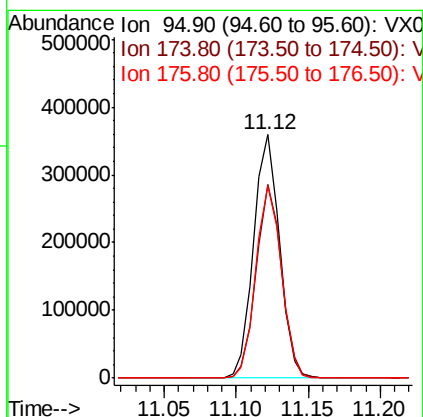
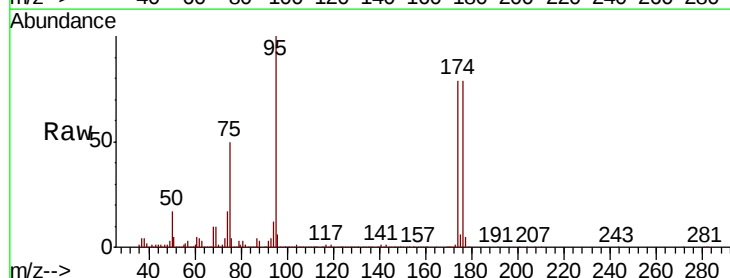
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

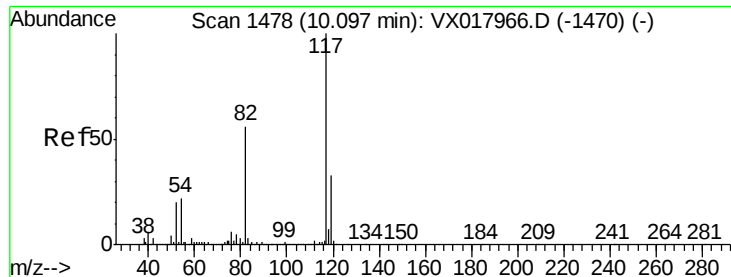
Tot Ion: 43 Resp: 33152
Ion Ratio Lower Upper
43 100
58 34.8 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 48.440 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 95 Resp: 443812
Ion Ratio Lower Upper
95 100
174 78.1 0.0 166.0
176 78.0 0.0 161.0

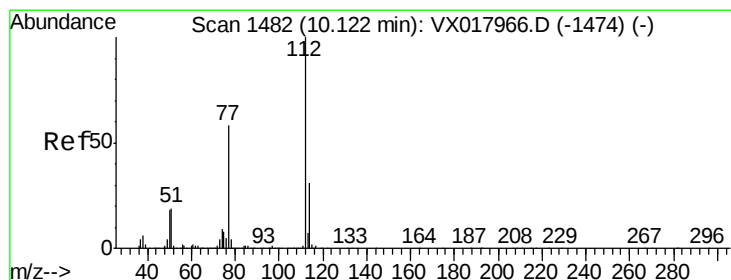
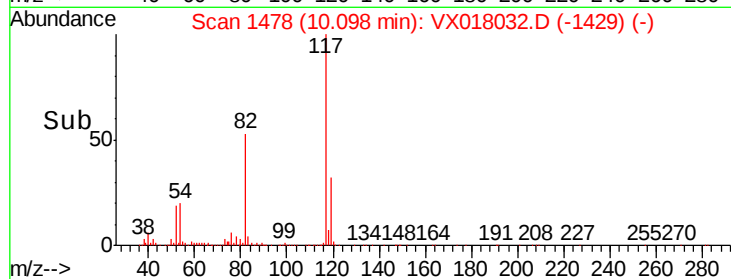
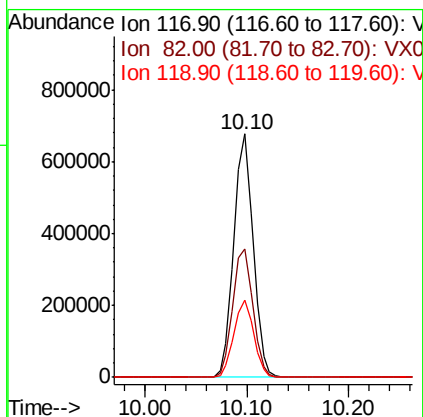
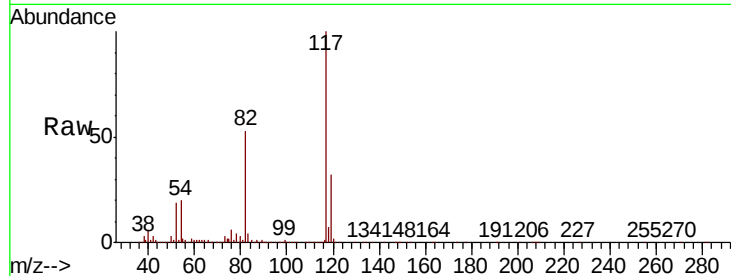




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

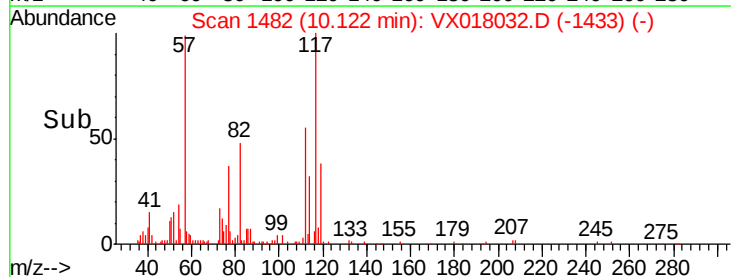
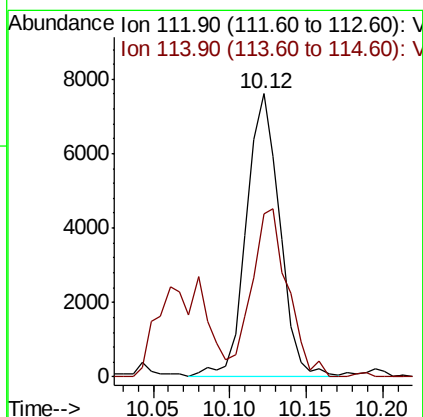
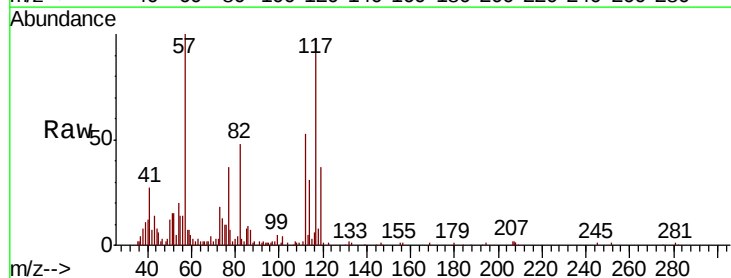
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

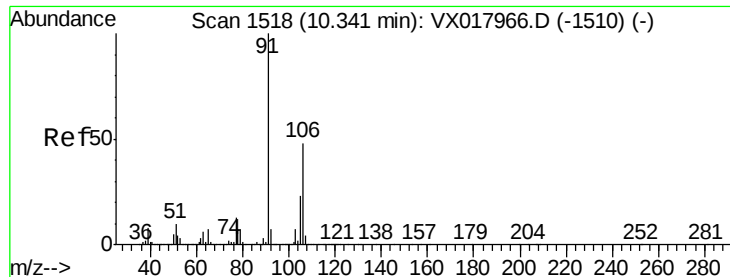
Tot Ion:117 Resp: 883809
Ion Ratio Lower Upper
117 100
82 52.8 44.6 66.8
119 31.9 26.2 39.4



#65
Chlorobenzene
Concen: 0.659 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion:112 Resp: 11554
Ion Ratio Lower Upper
112 100
114 57.7 25.0 37.6#





#68

m/p-Xylenes

Concen: 7.283 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

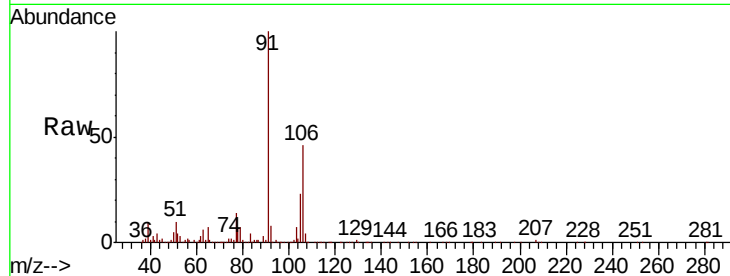
200819016-02-VOA

Tot Ion:106 Resp: 81089

Ion Ratio Lower Upper

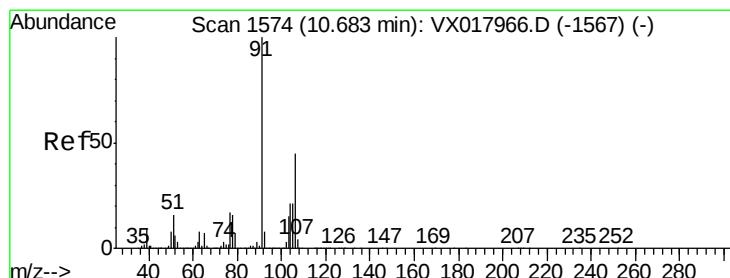
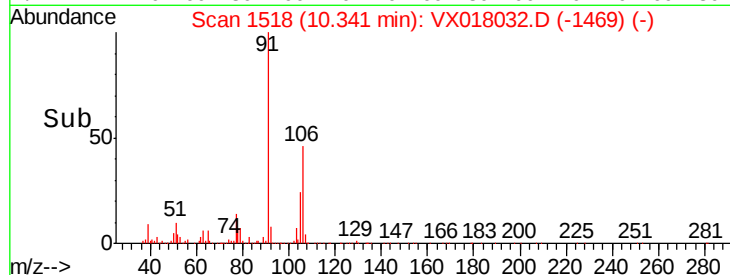
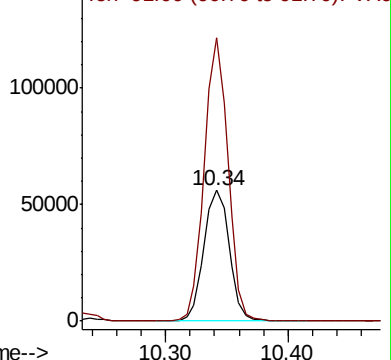
106 100

91 200.4 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 4.848 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018032.D

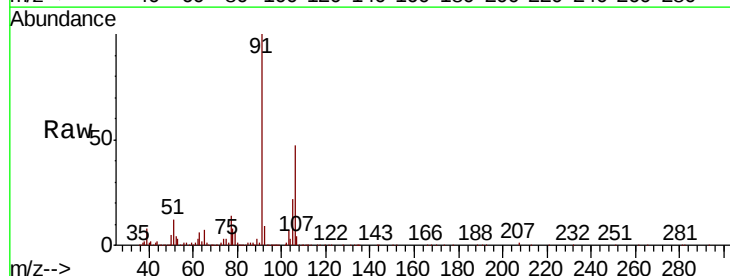
Acq: 20 Aug 2020 14:10

Tgt Ion:106 Resp: 52052

Ion Ratio Lower Upper

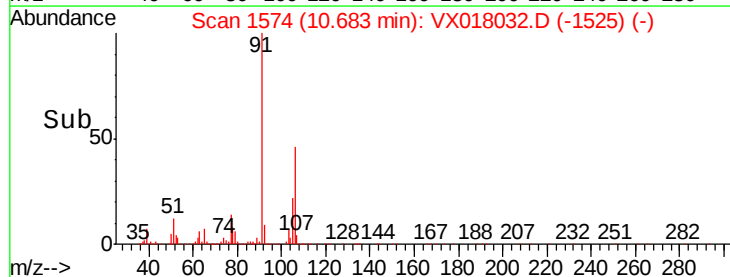
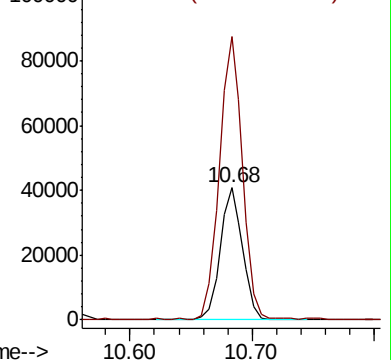
106 100

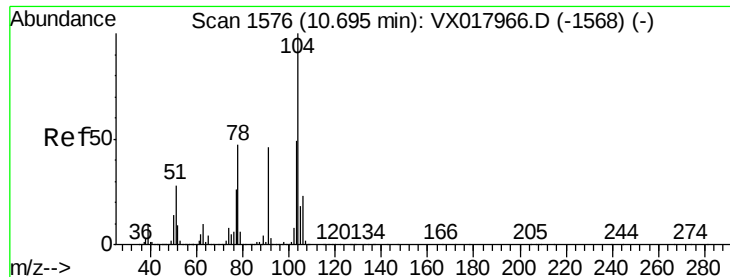
91 218.5 108.1 324.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

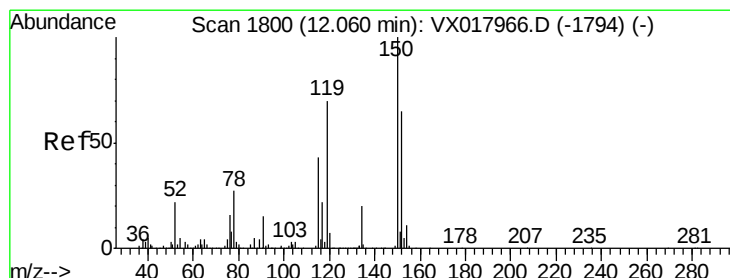
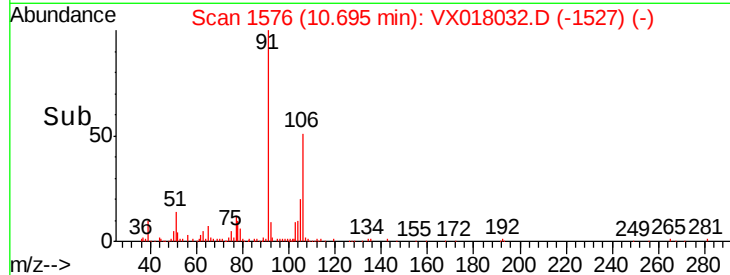
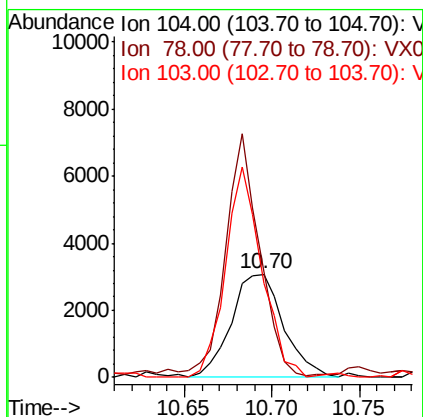
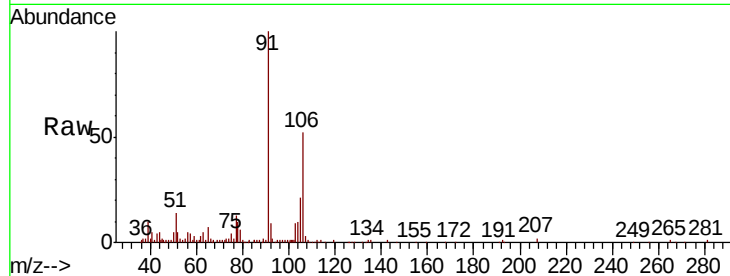




#70
Stvrene
Concen: 0.347 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

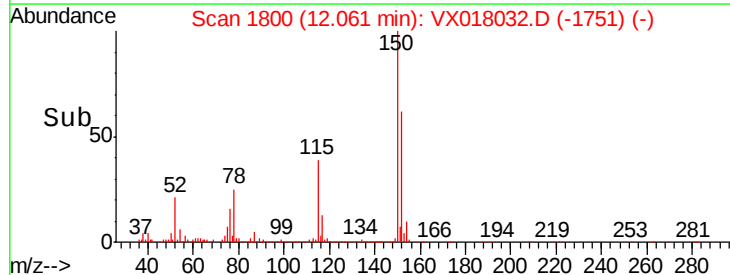
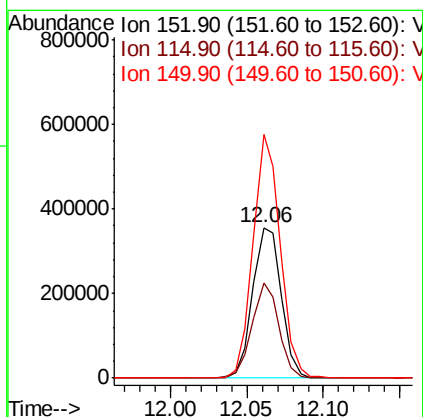
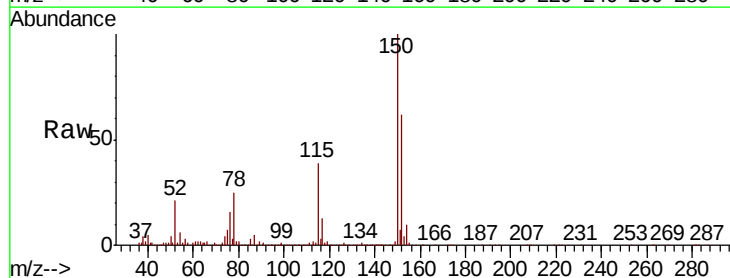
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

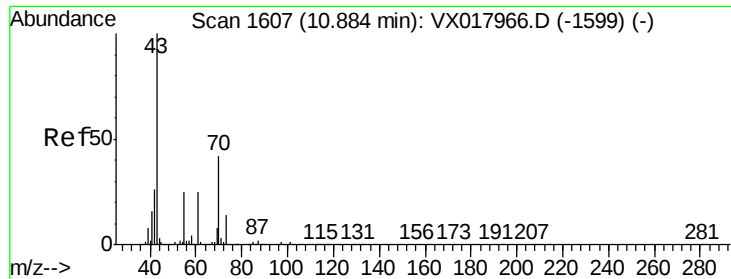
Tot Ion:104 Resp: 6419
Ion Ratio Lower Upper
104 100
78 152.6 41.3 61.9#
103 142.0 42.9 64.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion:152 Resp: 463121
Ion Ratio Lower Upper
152 100
115 59.0 40.6 121.7
150 153.8 0.0 346.4





#74

N-amvl acetate

Concen: 1.005 ug/l

RT: 10.93 min Scan# 1615

Delta R.T. 0.05 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

200819016-02-VOA

Tot Ion: 43 Resp: 13330

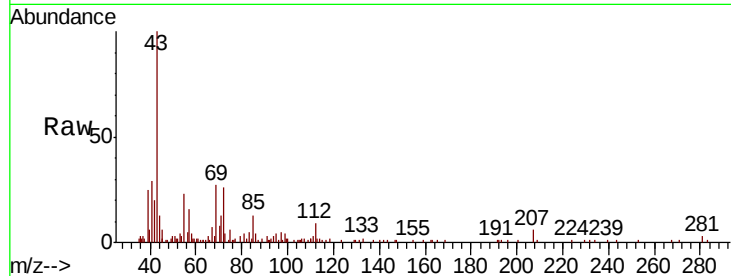
Ion Ratio Lower Upper

43 100

70 5.1 32.9 49.3#

55 30.3 19.3 28.9#

61 0.0 19.6 29.4#

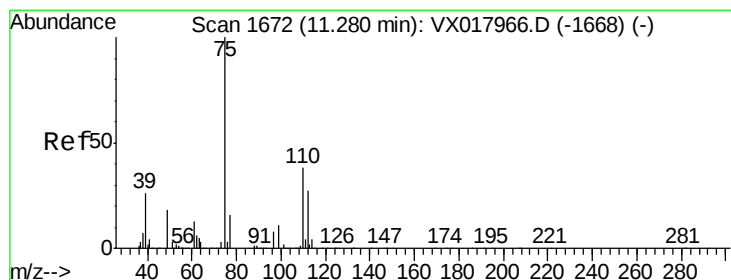
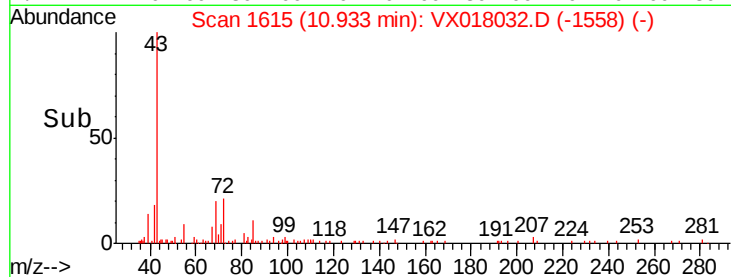
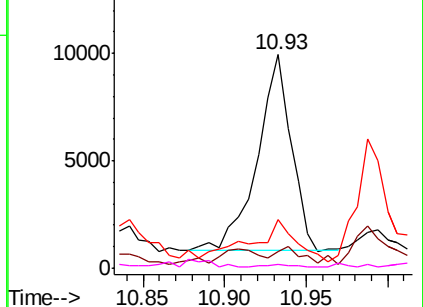


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 22.136 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018032.D

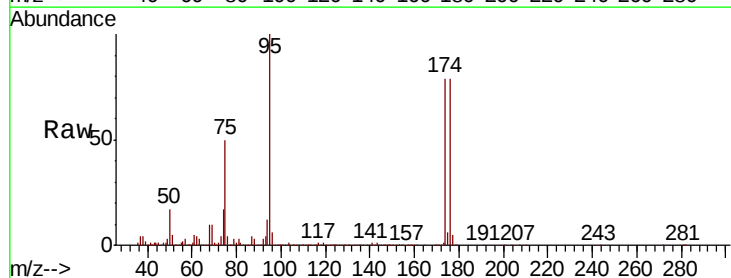
Acq: 20 Aug 2020 14:10

Tgt Ion: 75 Resp: 218013

Ion Ratio Lower Upper

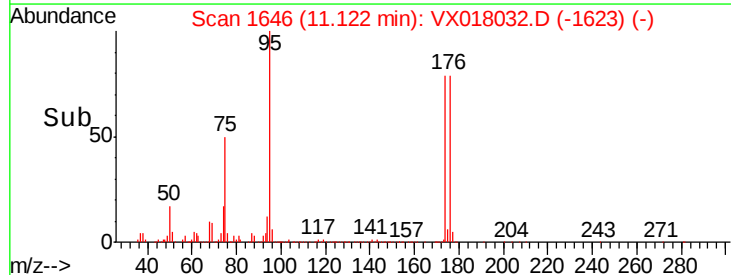
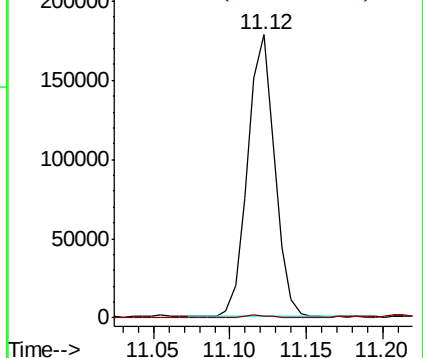
75 100

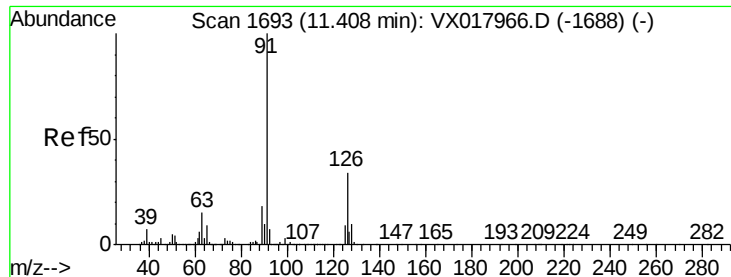
77 1.2 21.1 63.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

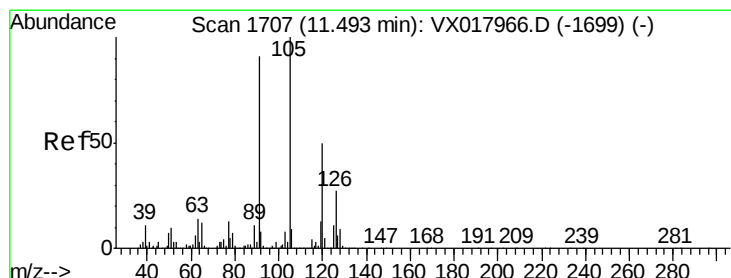
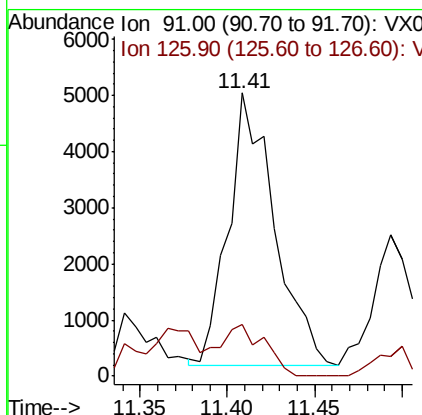
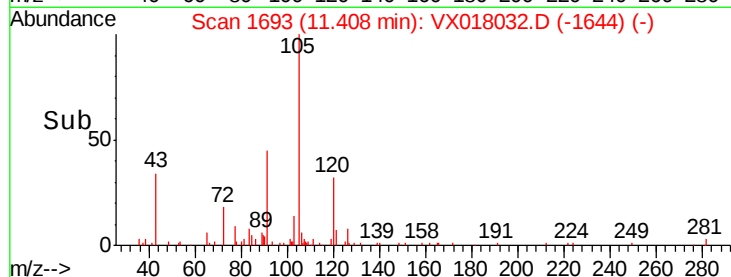
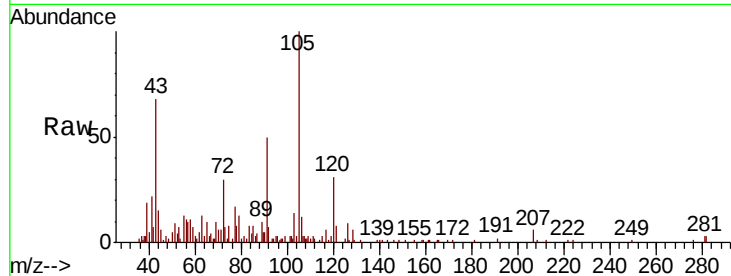




#79
2-Chlorotoluene
Concen: 0.421 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

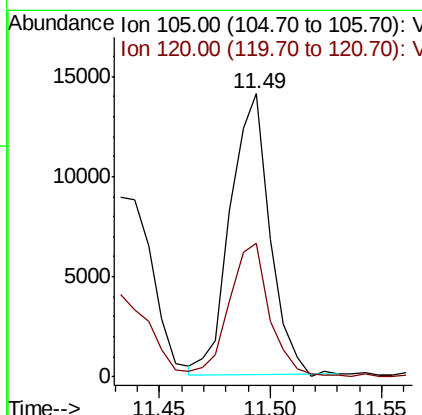
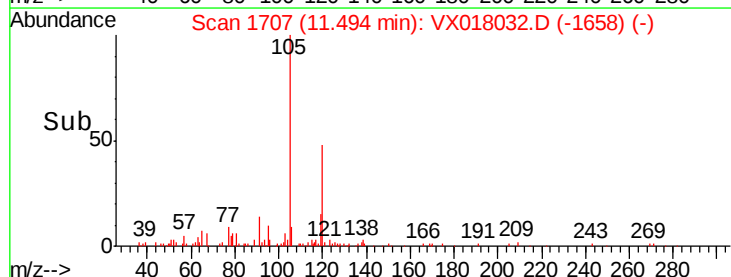
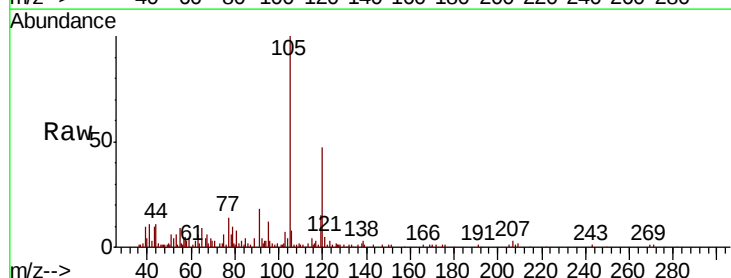
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

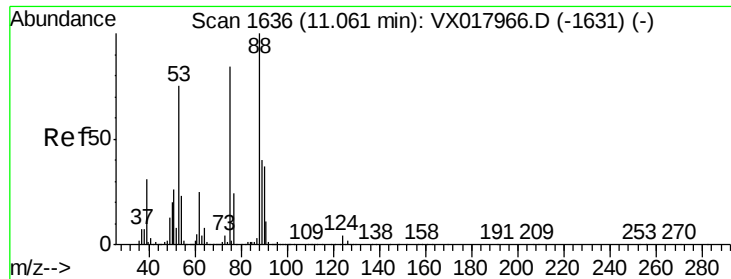
Tot Ion: 91 Resp: 8936
Ion Ratio Lower Upper
91 100
126 16.7 17.1 51.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.658 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 105 Resp: 17223
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

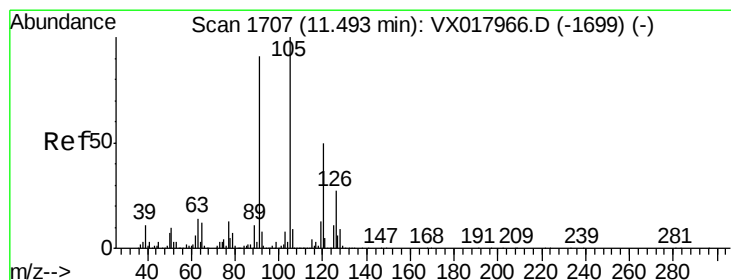
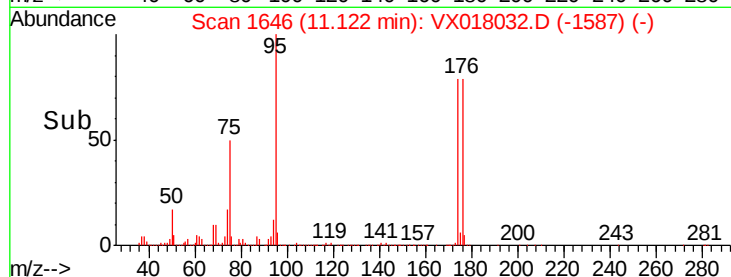
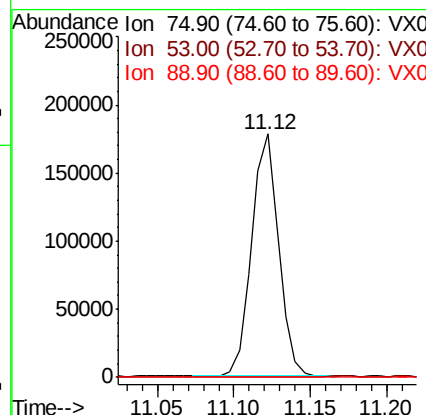
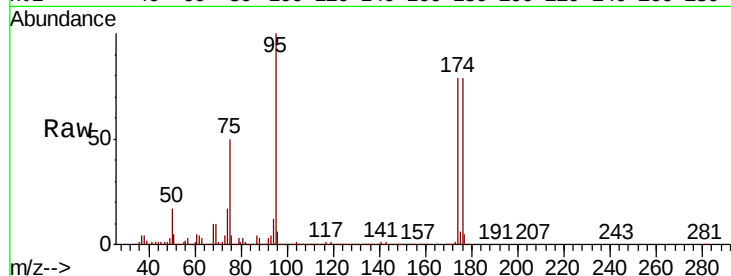




#81
trans-1,4-Dichloro-2-butene
Concen: 58.153 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

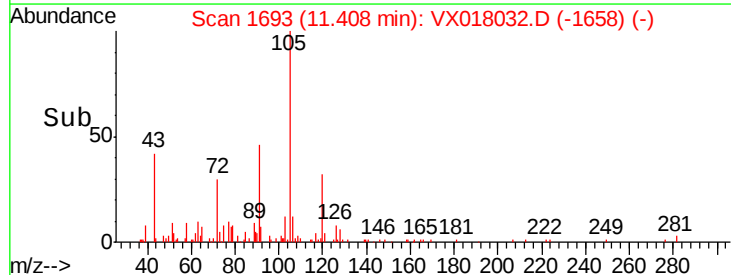
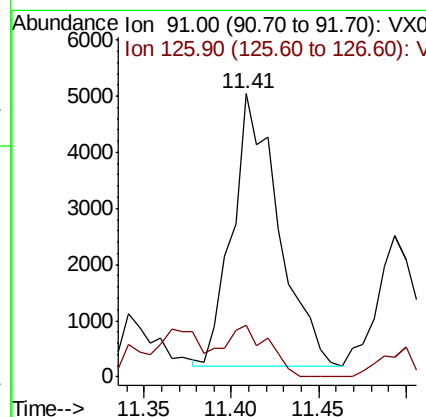
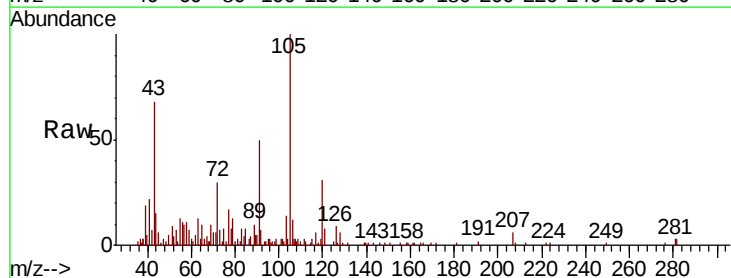
Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

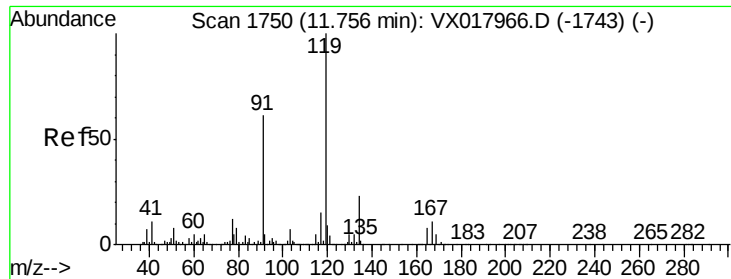
Tot Ion: 75 Resp: 218013
Ion Ratio Lower Upper
75 100
53 0.2 75.2 112.8#
89 0.0 38.4 57.6#



#82
4-Chlorotoluene
Concen: 0.358 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. -0.09 min
Lab File: VX018032.D
Acq: 20 Aug 2020 14:10

Tgt Ion: 91 Resp: 8936
Ion Ratio Lower Upper
91 100
126 16.7 15.0 45.0





#83

tert-Butylbenzene

Concen: 0.313 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

200819016-02-VOA

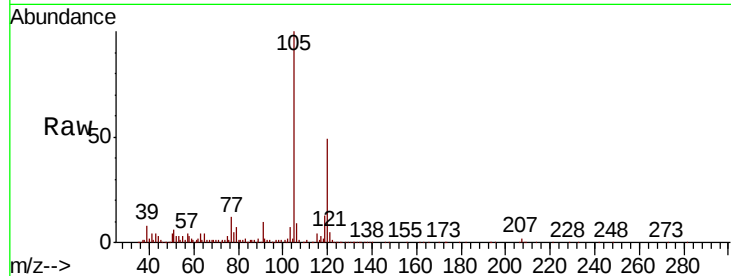
Tot Ion:119 Resp: 7731

Ion Ratio Lower Upper

119 100

91 84.9 30.1 90.5

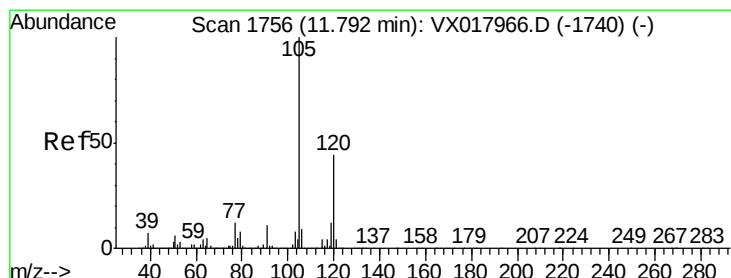
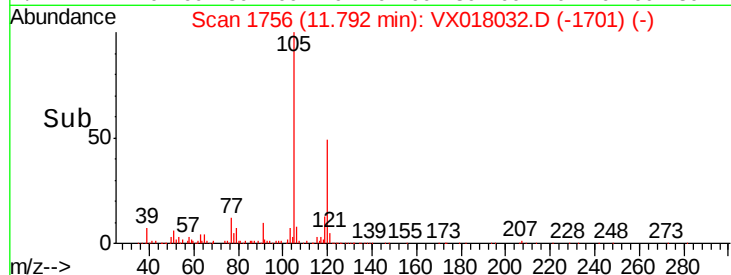
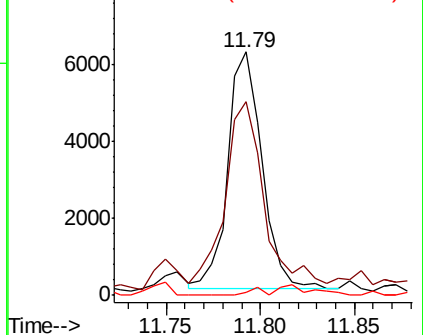
134 0.0 11.1 33.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.184 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018032.D

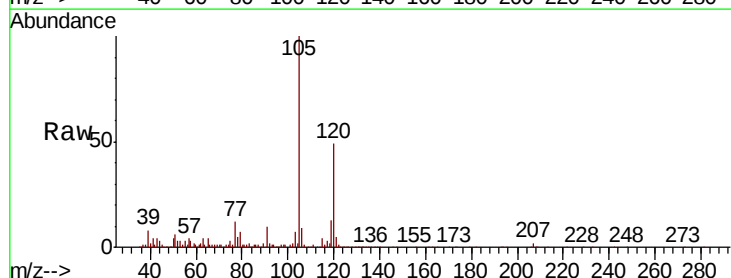
Acq: 20 Aug 2020 14:10

Tgt Ion:105 Resp: 59161

Ion Ratio Lower Upper

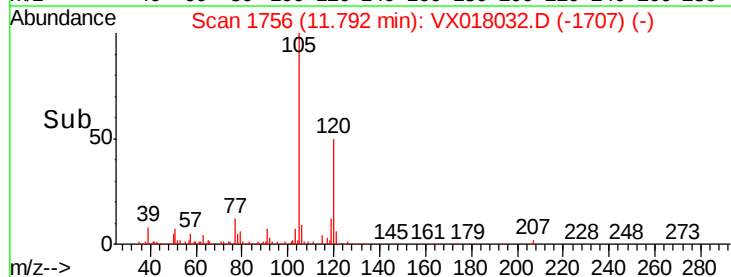
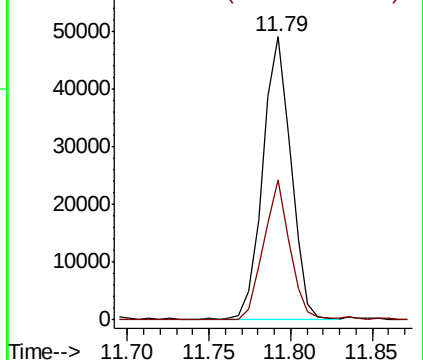
105 100

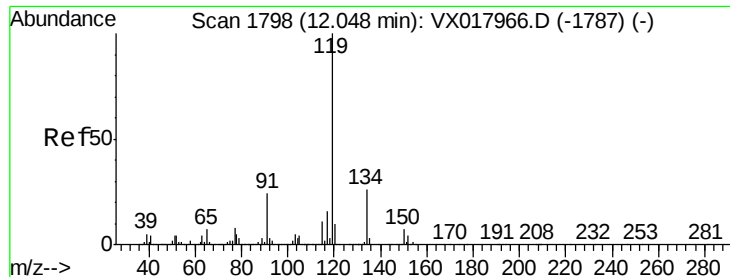
120 45.8 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

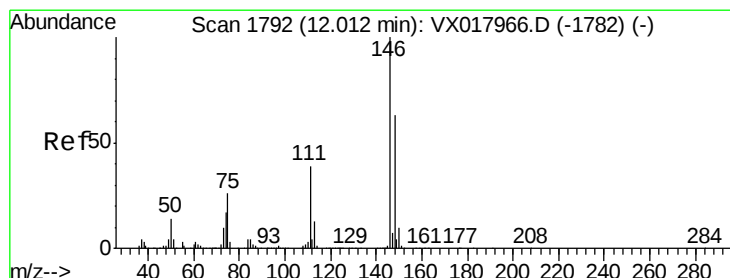
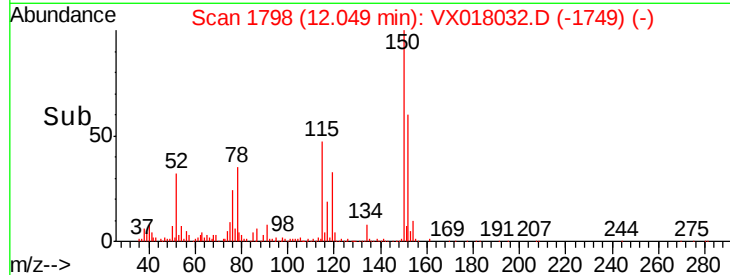
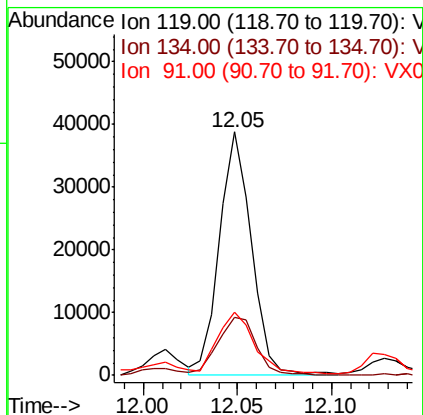
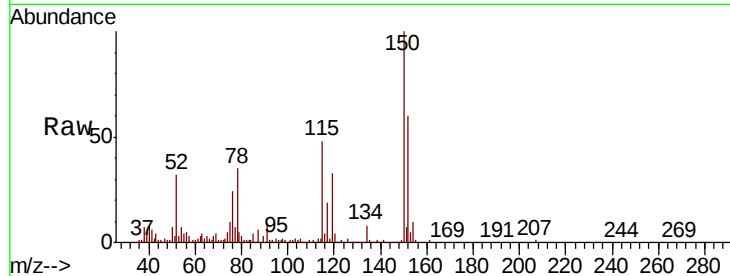




#86
 p-Isopropyltoluene
 Concen: 1.641 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

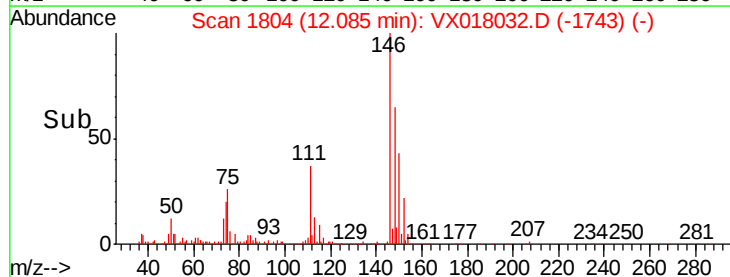
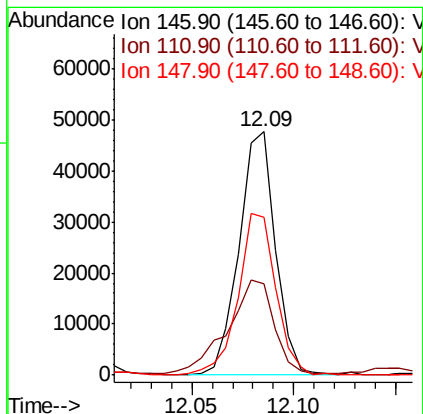
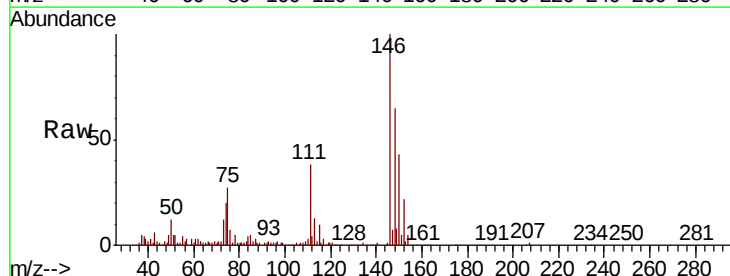
Instrument :
 MSVOA_X
 ClientSampleId :
 200819016-02-VOA

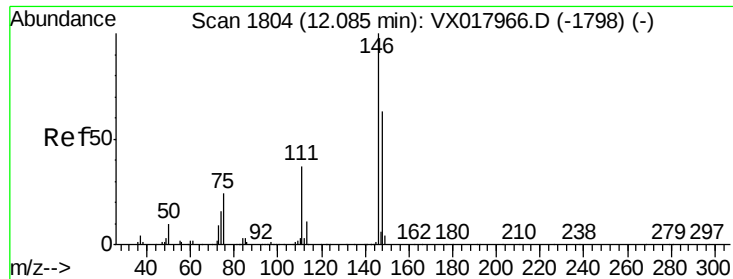
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.3	12.7	38.0
91	29.3	12.2	36.4



#87
 1,3-Dichlorobenzene
 Concen: 3.936 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.07 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.9	20.1	60.3
148	68.8	31.6	95.0





#88

1,4-Dichlorobenzene

Concen: 4.018 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

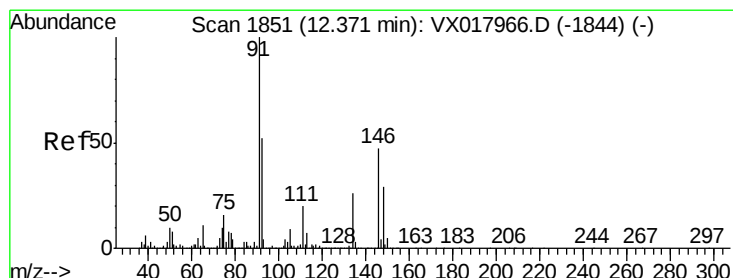
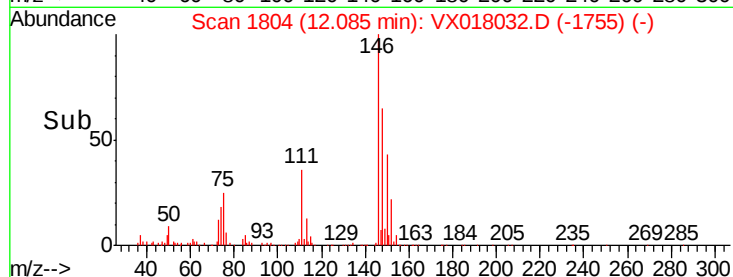
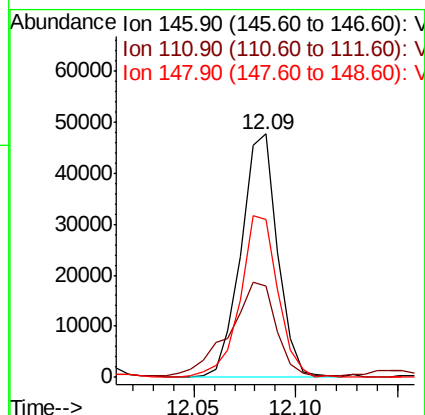
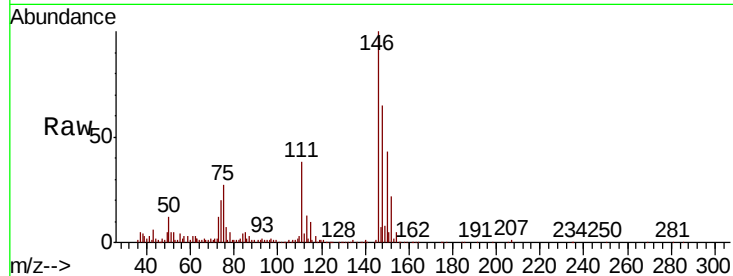
Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
200819016-02-VOA

Tot Ion:146 Resp: 59251

Ion	Ratio	Lower	Upper
146	100		
111	49.1	19.7	59.1
148	68.8	31.9	95.7



#89

n-Butylbenzene

Concen: 0.547 ug/l

RT: 12.56 min Scan# 1882

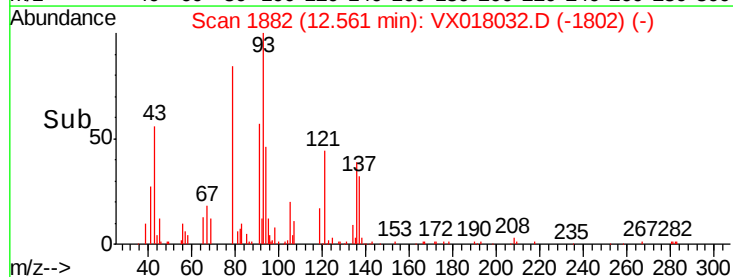
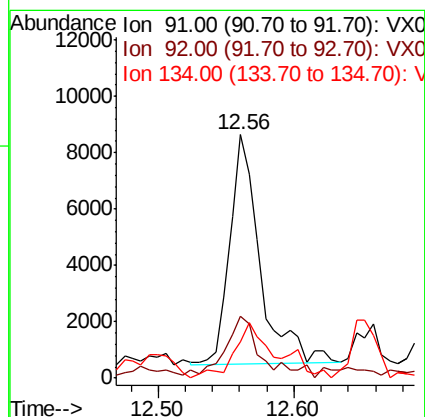
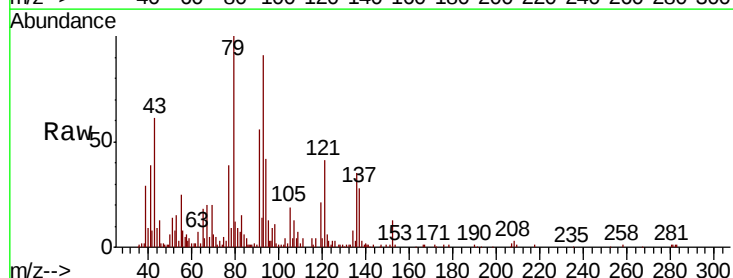
Delta R.T. 0.19 min

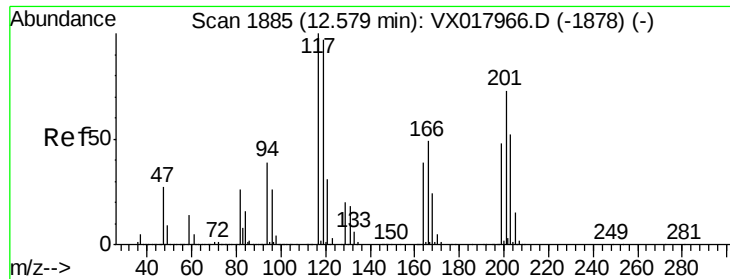
Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Tgt Ion: 91 Resp: 12558

Ion	Ratio	Lower	Upper
91	100		
92	32.7	25.7	77.0
134	26.5	13.4	40.2





#90

Hexachloroethane

Concen: 0.300 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

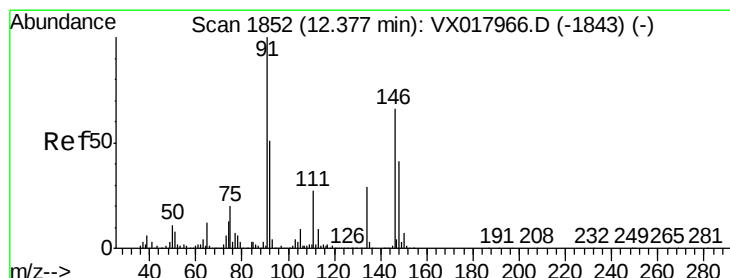
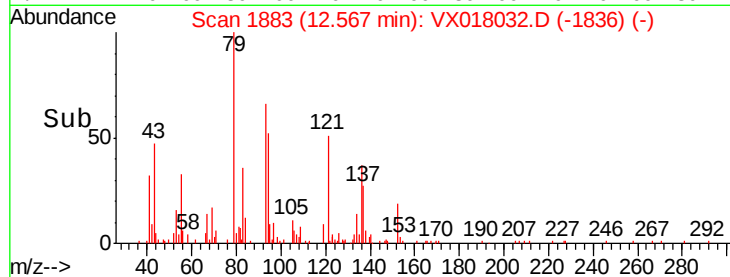
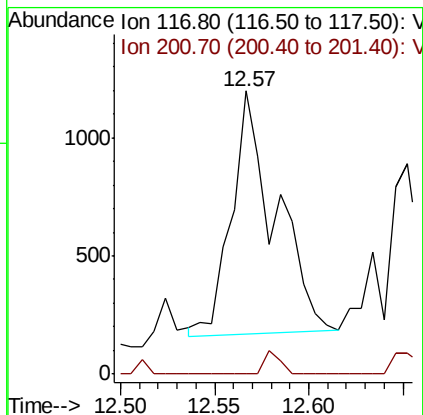
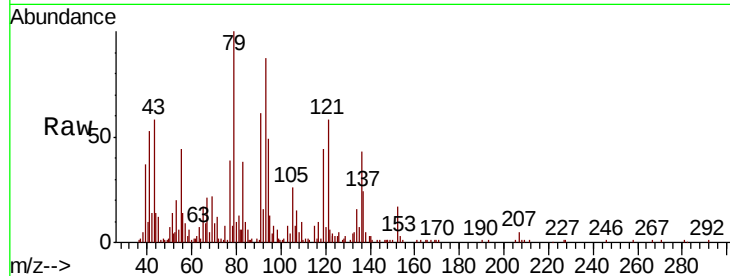
200819016-02-VOA

Tot Ion:117 Resp: 1655

Ion Ratio Lower Upper

117 100

201 3.4 40.8 122.2#



#91

1,2-Dichlorobenzene

Concen: 0.347 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018032.D

Acq: 20 Aug 2020 14:10

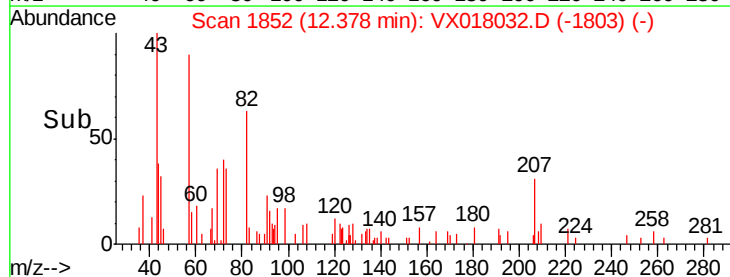
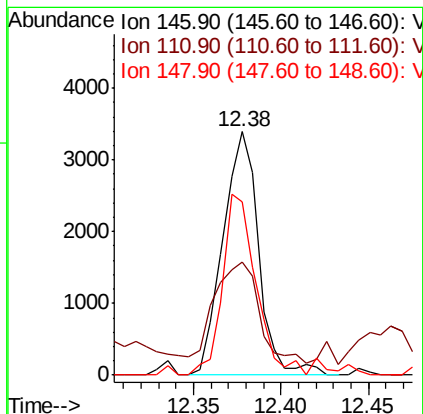
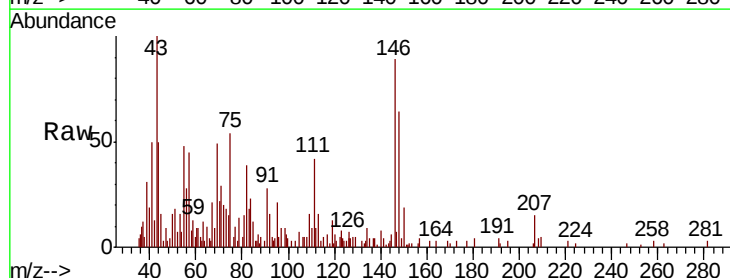
Tgt Ion:146 Resp: 4823

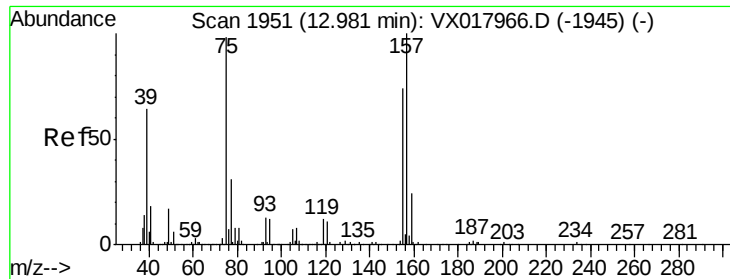
Ion Ratio Lower Upper

146 100

111 51.8 20.6 61.9

148 69.3 31.2 93.6

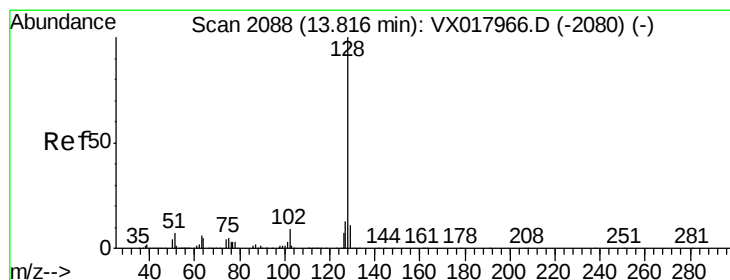
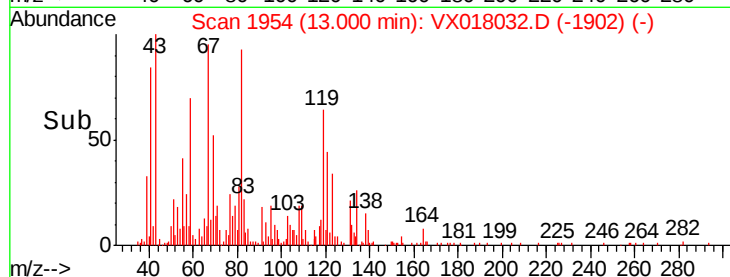
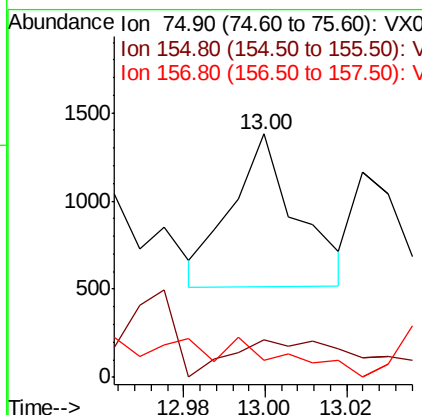
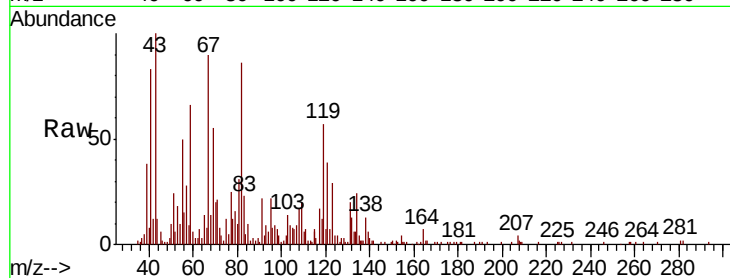




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.362 ug/l
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 200819016-02-VOA

Tot Ion: 75 Resp: 960
 Ion Ratio Lower Upper
 75 100
 155 52.6 40.5 121.5
 157 0.0 54.4 163.2#



#95
 Naphthalene
 Concen: 0.847 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018032.D
 Acq: 20 Aug 2020 14:10

Tgt Ion: 128 Resp: 24439
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.7 16.1
 129 13.1 8.6 13.0#

