

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017392.D
 Acq On : 16 Jul 2020 15:43
 Operator : JC/SP
 Sample : L3321-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

Quant Time: Jul 17 00:59:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	514569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	284897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180350	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	5.47	113	155711	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.70	98	597582	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.12	95	263758	58.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.10%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	615	0.231	ug/l	94
4) Vinyl Chloride	1.39	62	1378	0.523	ug/l	99
6) Chloroethane	1.72	64	852	0.512	ug/l	91
8) Diethyl Ether	2.17	74	10530	6.698	ug/l	86
10) Methyl Iodide	2.50	142	366	2.478	ug/l #	91
11) Tert butyl alcohol	3.01	59	3540491	5988.303	ug/l	100
13) Acrolein	2.30	56	285	0.879	ug/l	96
14) Allyl chloride	2.68	41	31354	7.112	ug/l #	39
15) Acrylonitrile	3.01	53	31540	22.006	ug/l #	26
16) Acetone	2.42	43	560430	447.653	ug/l	98
17) Carbon Disulfide	2.55	76	3467	0.467	ug/l #	95
18) Methyl Acetate	2.75	43	15242	4.929	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	27519	3.185	ug/l	96
20) Methylene Chloride	2.84	84	1829	0.599	ug/l #	88
24) 1,1-Dichloroethane	3.66	63	1259	0.255	ug/l #	89
25) 2-Butanone	4.64	43	1836065	923.372	ug/l	99
26) 2,2-Dichloropropane	4.66	77	192876	41.990	ug/l #	54
27) cis-1,2-Dichloroethene	4.57	96	2276	0.713	ug/l #	9
29) Tetrahydrofuran	5.09	42	930509	722.922	ug/l	95
36) 1,1-Dichloropropene	5.63	75	21058	4.864	ug/l #	50
37) Ethyl Acetate	4.64	43	1836065	410.050	ug/l #	68
38) Carbon Tetrachloride	5.63	117	29028	5.726	ug/l #	18
40) Benzene	6.11	78	48894	3.929	ug/l	97
41) Methacrylonitrile	5.09	41	566876	235.823	ug/l #	43
42) 1,2-Dichloroethane	6.17	62	3653	0.756	ug/l	89
43) Isopropyl Acetate	6.42	43	5939	0.830	ug/l #	85
45) 1,2-Dichloropropane	7.49	63	934	0.293	ug/l #	83
48) Methyl methacrylate	7.85	41	842	0.245	ug/l #	34
49) 1,4-Dioxane	7.71	88	8039	114.413	ug/l #	79
51) 4-Methyl-2-Pentanone	8.59	43	13677	3.135	ug/l #	35
52) Toluene	8.76	92	32895	4.120	ug/l	100
59) 2-Hexanone	9.28	43	22271	6.764	ug/l	64
65) Chlorobenzene	10.12	112	10974	1.049	ug/l	89
67) Ethyl Benzene	10.24	91	88873	5.105	ug/l	97

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

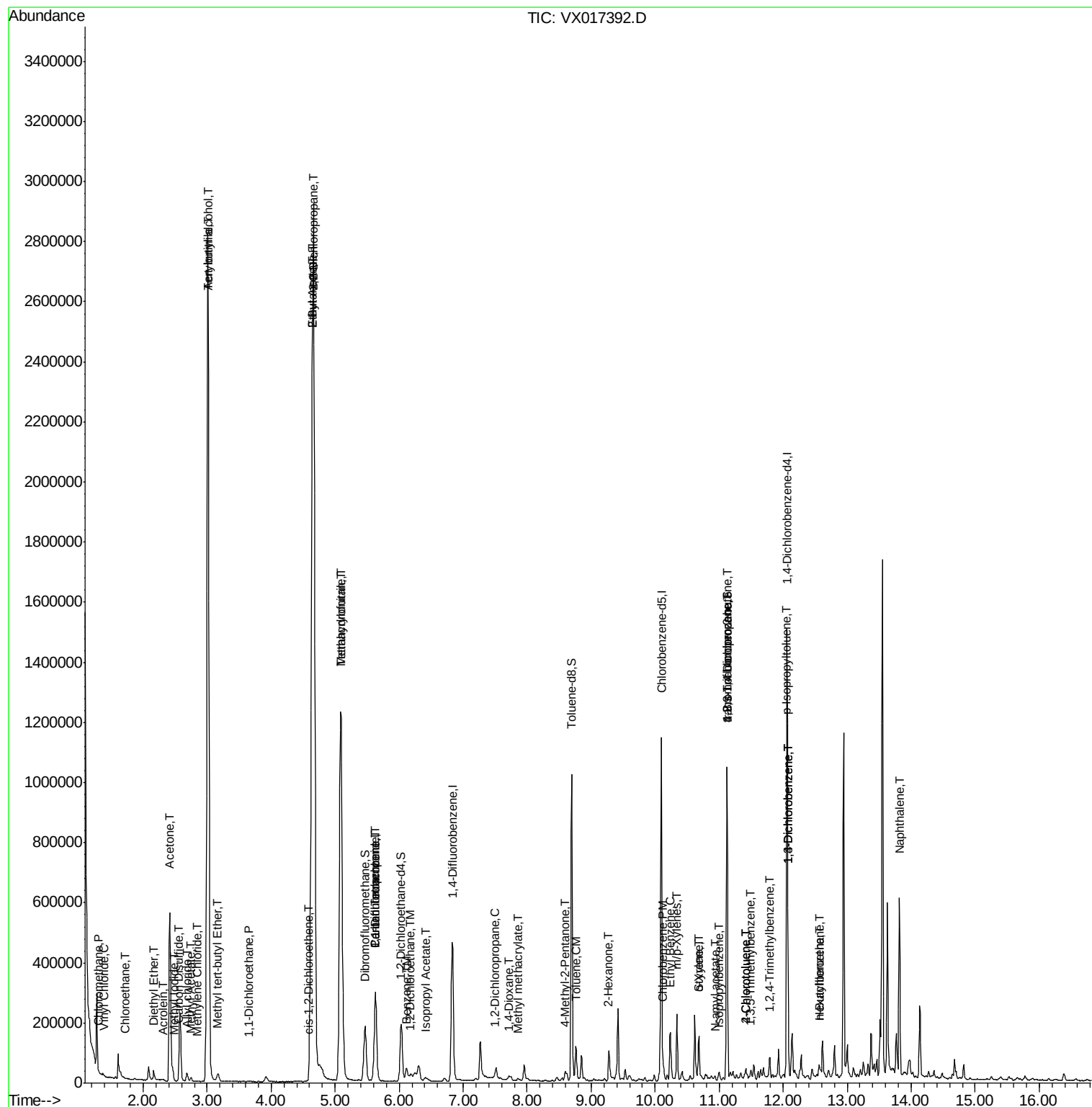
68) m/p-Xylenes	10.34	106	47189	7.124	ug/l	100
69) o-Xylene	10.68	106	28569	4.514	ug/l	97
70) Styrene	10.69	104	7134	0.657	ug/l #	45
73) Isopropylbenzene	11.00	105	8779	0.492	ug/l	95
74) N-amyl acetate	10.93	43	4781	0.669	ug/l #	41
76) 1,2,3-Trichloropropane	11.12	75	128146	24.342	ug/l #	37
79) 2-Chlorotoluene	11.41	91	4385	0.355	ug/l	72
80) 1,3,5-Trimethylbenzene	11.49	105	7919	0.522	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.12	75	128146	61.750	ug/l #	11
82) 4-Chlorotoluene	11.41	91	4419	0.302	ug/l	78
84) 1,2,4-Trimethylbenzene	11.79	105	31058	2.028	ug/l	97
86) p-Isopropyltoluene	12.05	119	27444	1.691	ug/l	93
87) 1,3-Dichlorobenzene	12.08	146	25779	2.833	ug/l	89
88) 1,4-Dichlorobenzene	12.08	146	25779	2.804	ug/l	89
89) n-Butylbenzene	12.56	91	4044	0.292	ug/l	72
90) Hexachloroethane	12.56	117	945	0.307	ug/l #	8
95) Naphthalene	13.82	128	334557	19.169	ug/l	100

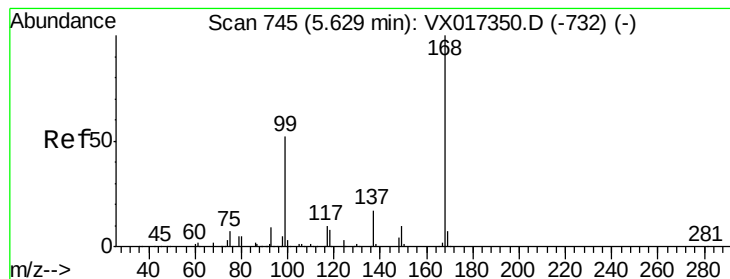
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

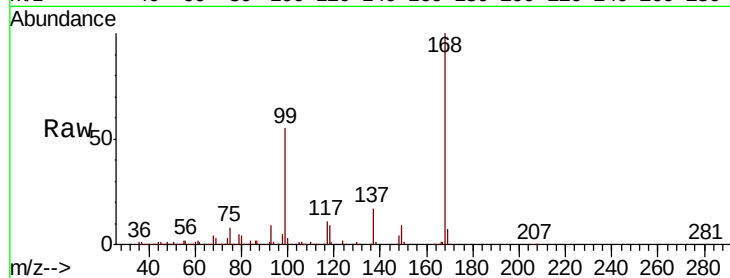
200715084-02-VOA

Tot Ion:168 Resp: 279598

Ion Ratio Lower Upper

168 100

99 54.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

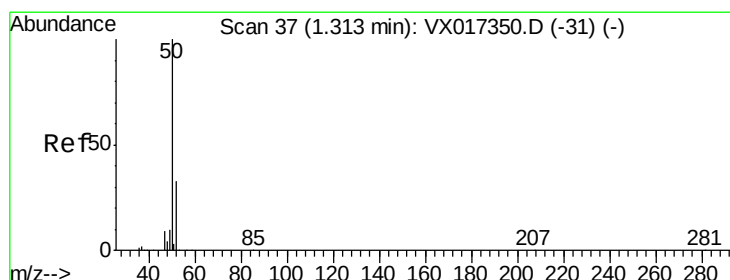
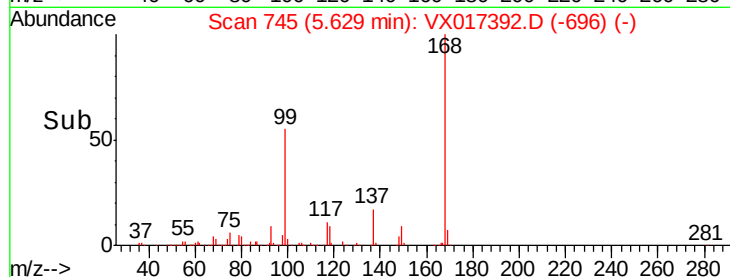
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.231 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017392.D

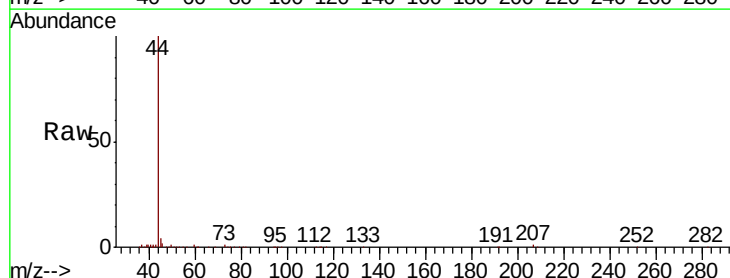
Acq: 16 Jul 2020 15:43

Tgt Ion: 50 Resp: 615

Ion Ratio Lower Upper

50 100

52 29.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

400

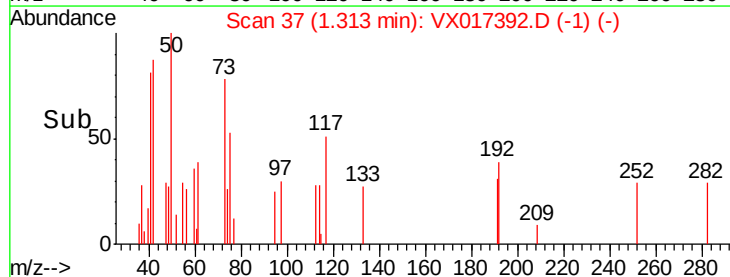
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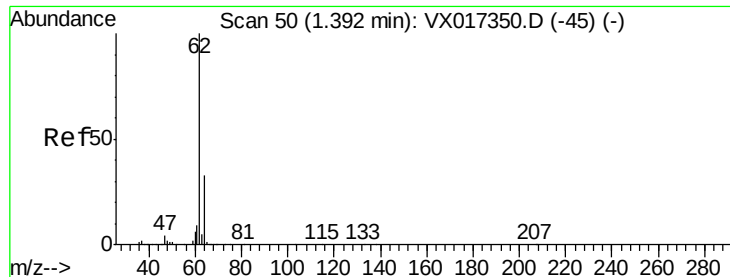
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 0.523 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

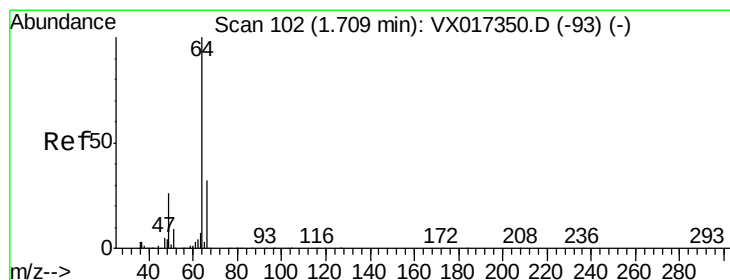
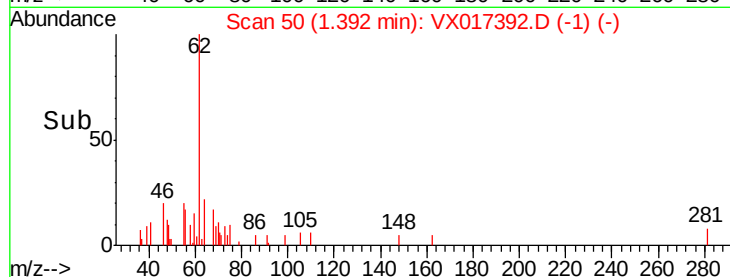
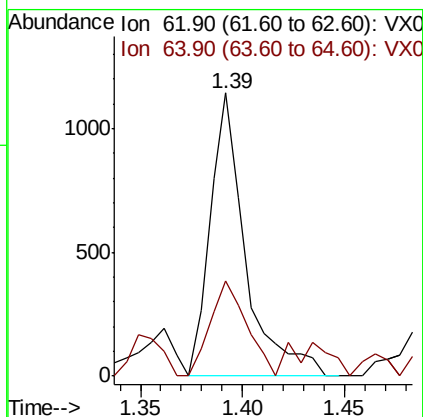
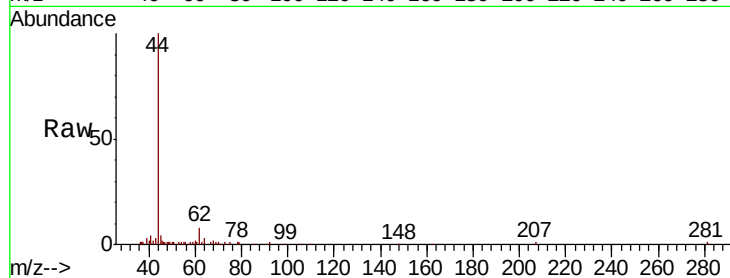
200715084-02-VOA

Tot Ion: 62 Resp: 1378

Ion Ratio Lower Upper

62 100

64 33.5 26.3 39.5



#6

Chloroethane

Concen: 0.512 ug/l

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX017392.D

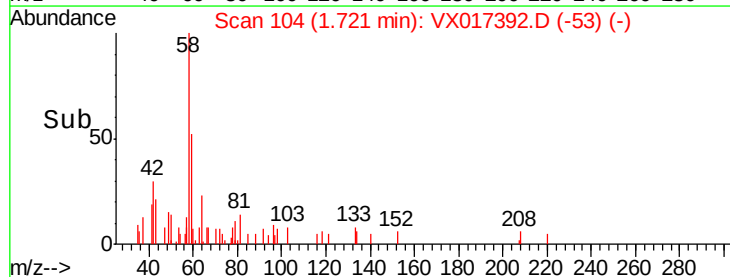
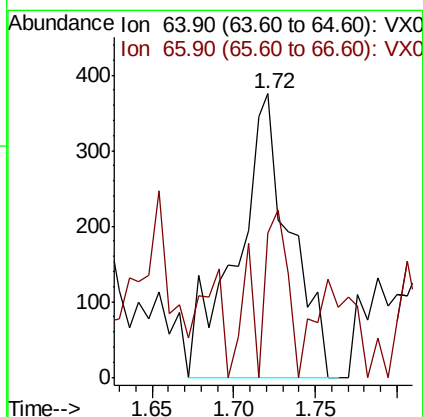
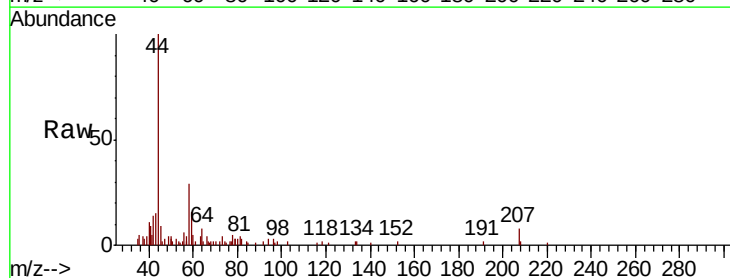
Acq: 16 Jul 2020 15:43

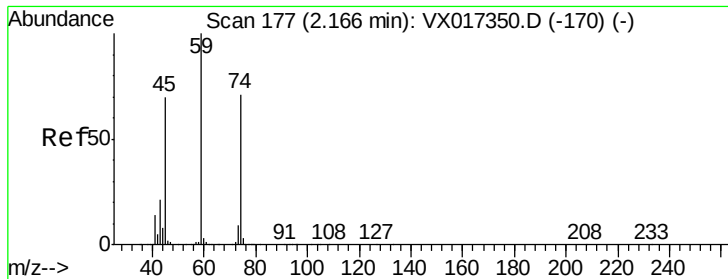
Tgt Ion: 64 Resp: 852

Ion Ratio Lower Upper

64 100

66 37.1 25.7 38.5

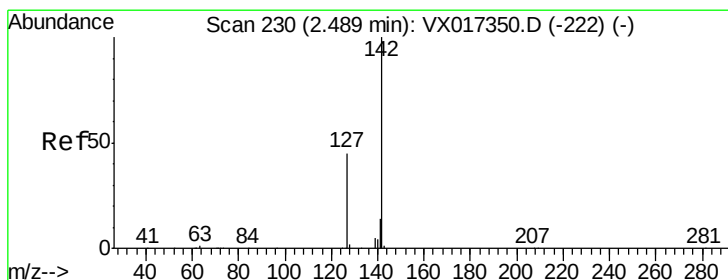
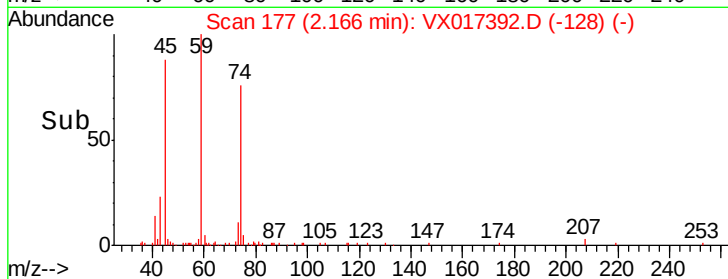
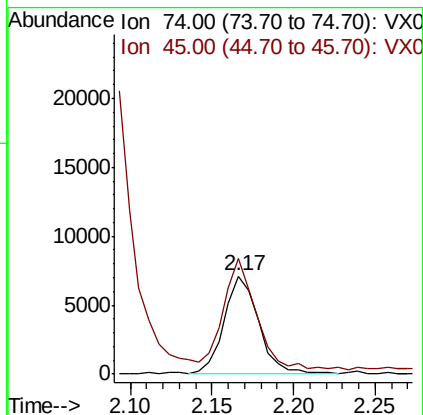
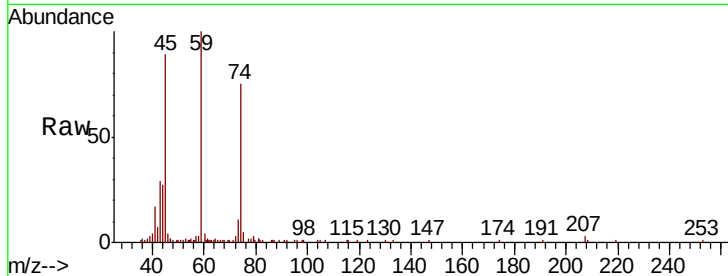




#8
Diethyl Ether
Concen: 6.698 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

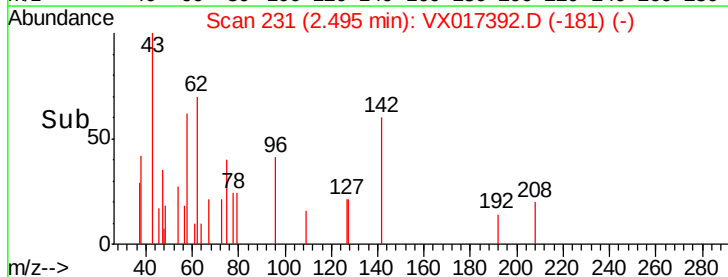
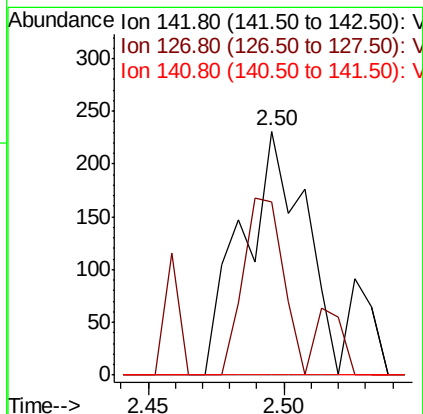
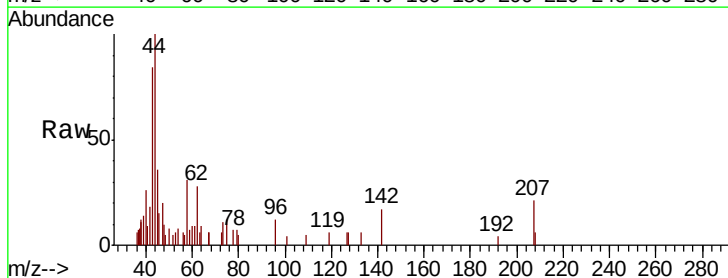
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

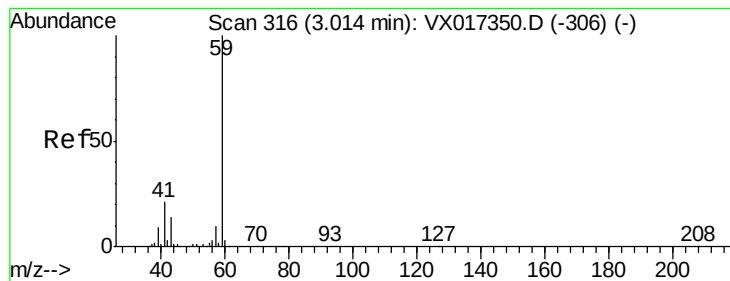
Tot Ion: 74 Resp: 10530
Ion Ratio Lower Upper
74 100
45 107.9 47.2 141.6



#10
Methyl Iodide
Concen: 2.478 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 142 Resp: 366
Ion Ratio Lower Upper
142 100
127 47.0 36.8 55.2
141 0.0 11.4 17.0#





#11

Tert butyl alcohol
Concen: 5988.303 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

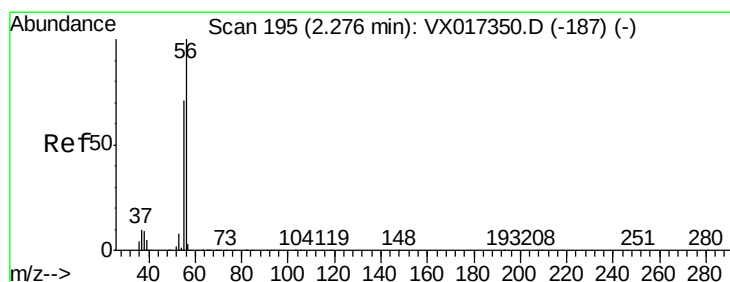
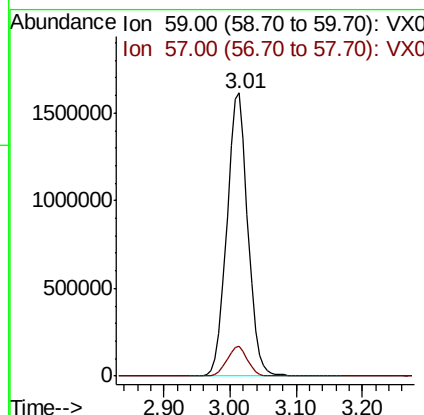
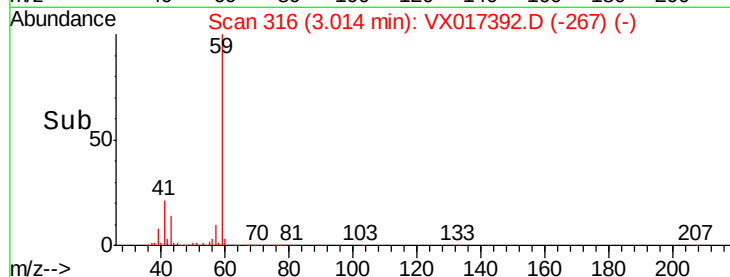
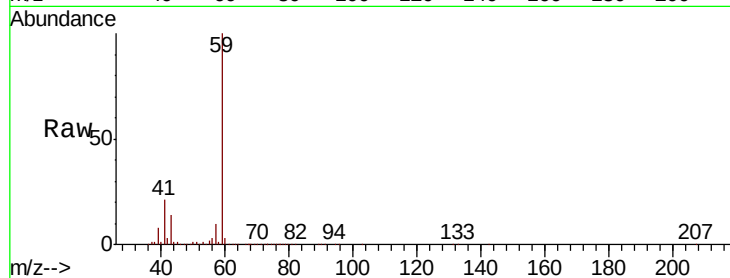
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

Tot Ion: 59 Resp: 3540491

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#13

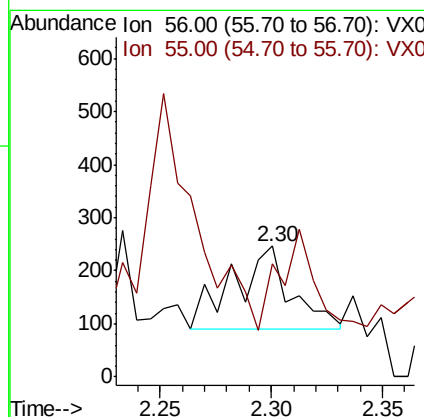
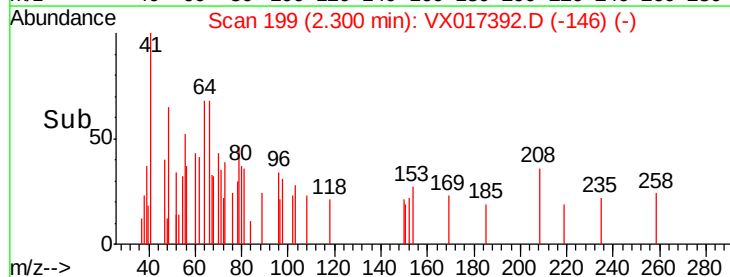
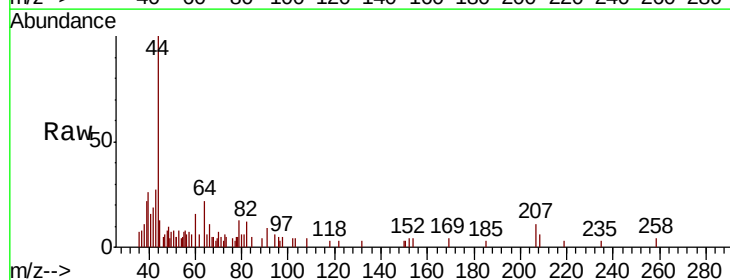
Acrolein
Concen: 0.879 ug/l
RT: 2.30 min Scan# 199
Delta R.T. 0.02 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

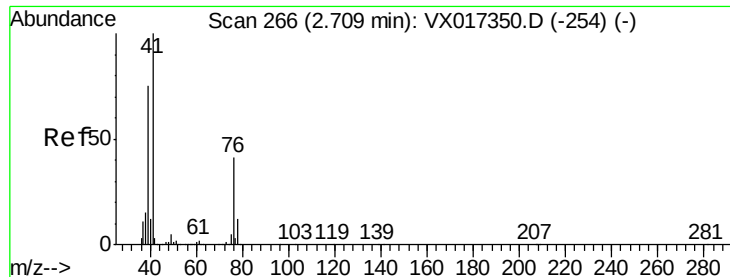
Tgt Ion: 56 Resp: 285

Ion Ratio Lower Upper

56 100

55 74.7 57.1 85.7

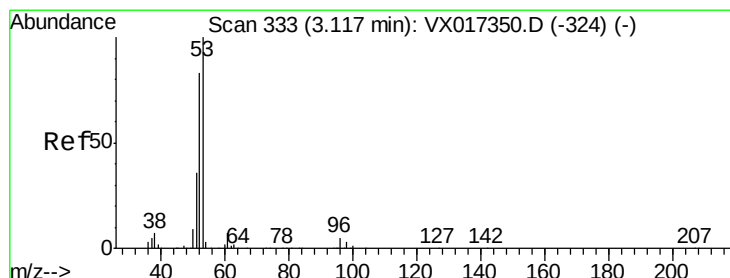
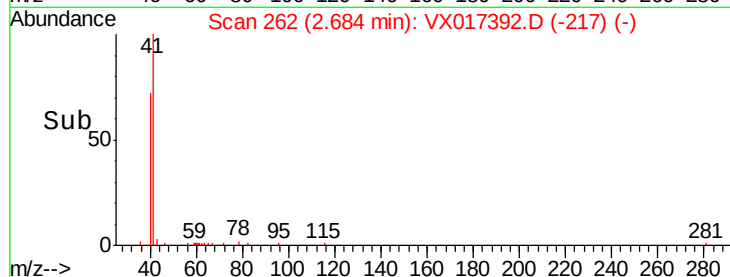
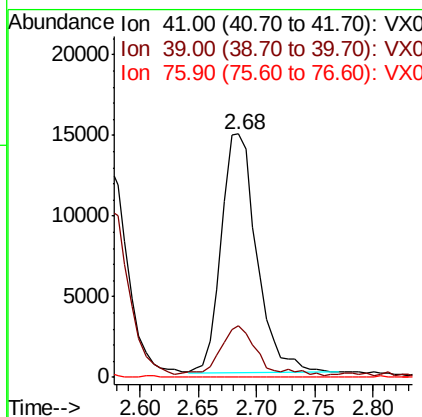
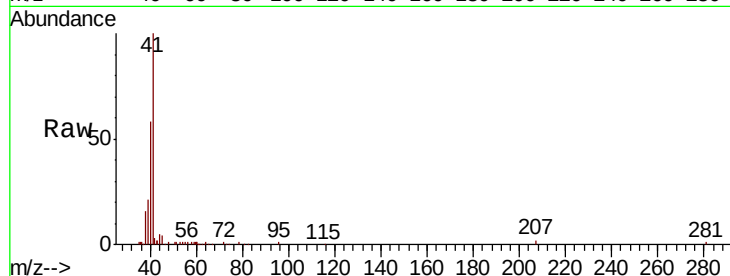




#14
Allvl chloride
Concen: 7.112 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

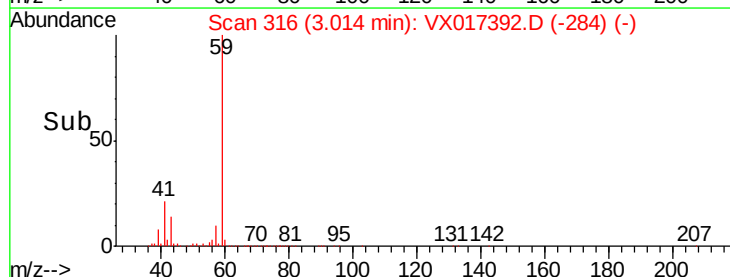
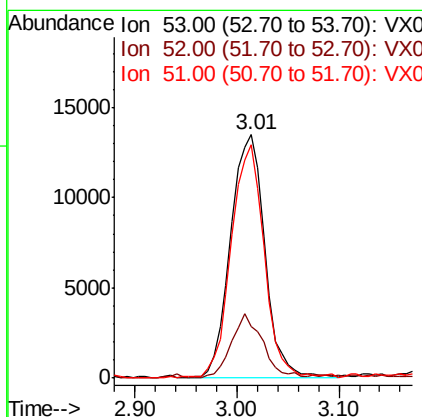
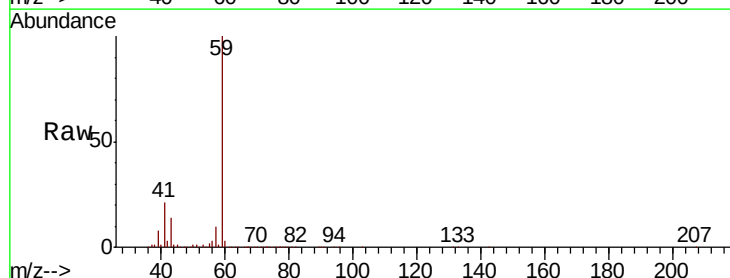
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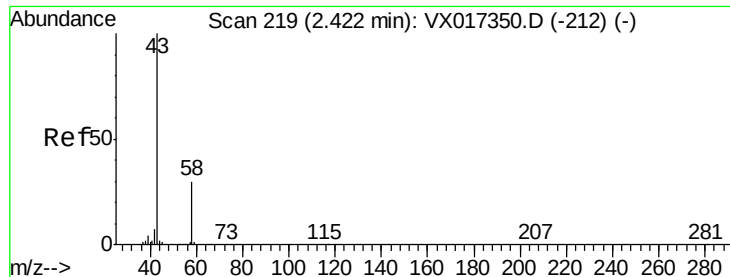
Tot Ion: 41 Resp: 31354
Ion Ratio Lower Upper
41 100
39 17.8 53.0 79.4#
76 0.0 28.2 42.2#



#15
Acrylonitrile
Concen: 22.006 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.10 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 53 Resp: 31540
Ion Ratio Lower Upper
53 100
52 24.2 65.8 98.6#
51 92.2 29.2 43.8#





#16

Acetone

Concen: 447.653 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

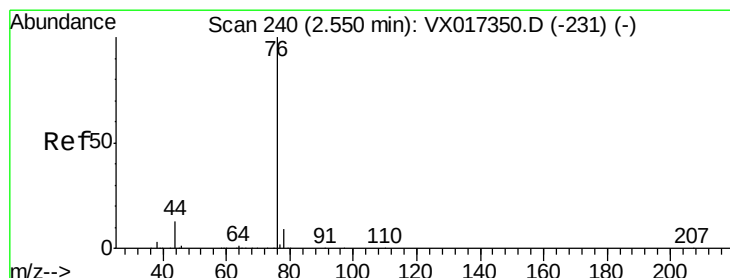
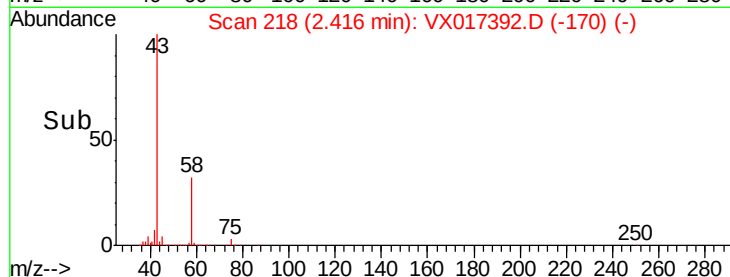
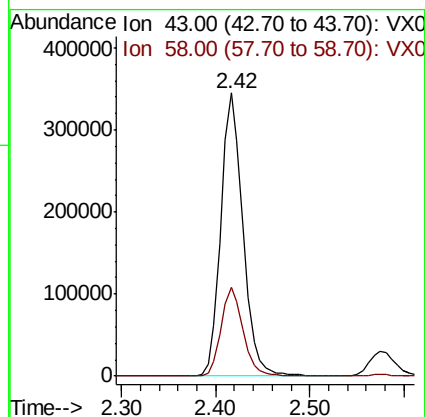
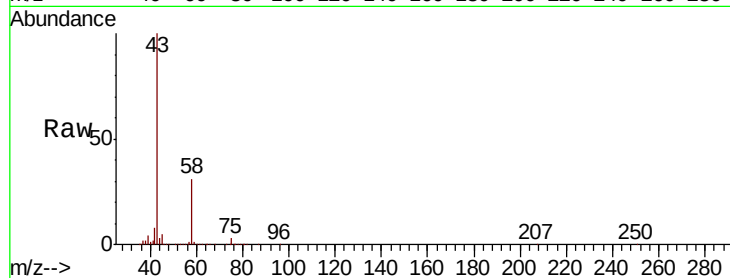
200715084-02-VOA

Tot Ion: 43 Resp: 560430

Ion Ratio Lower Upper

43 100

58 31.5 24.2 36.2



#17

Carbon Disulfide

Concen: 0.467 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017392.D

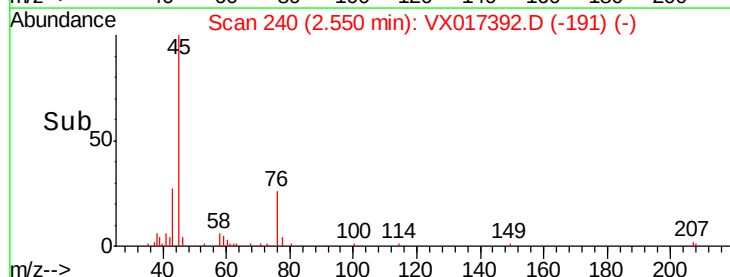
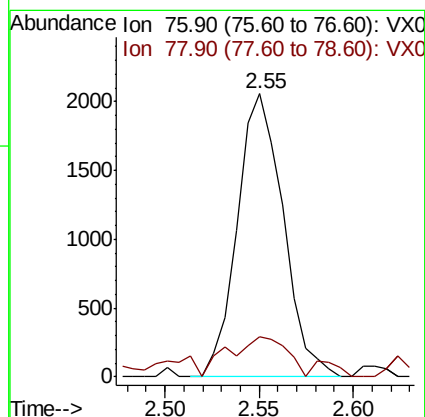
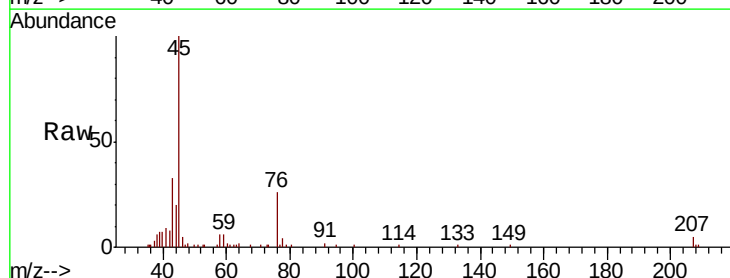
Acq: 16 Jul 2020 15:43

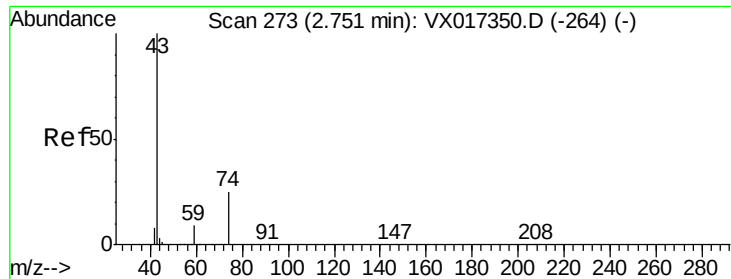
Tgt Ion: 76 Resp: 3467

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#

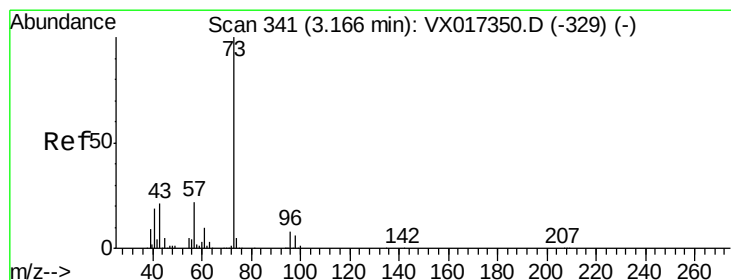
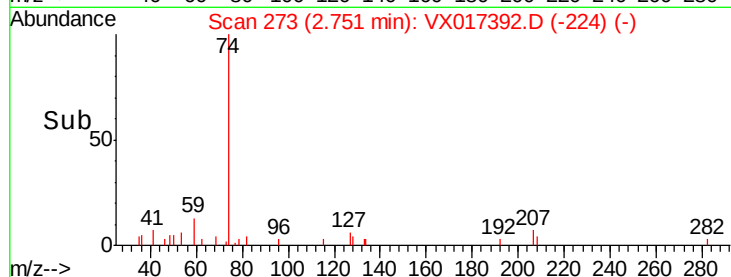
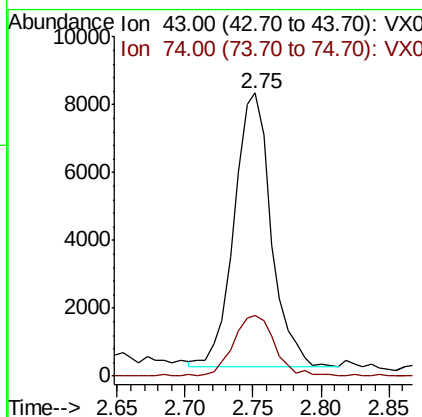
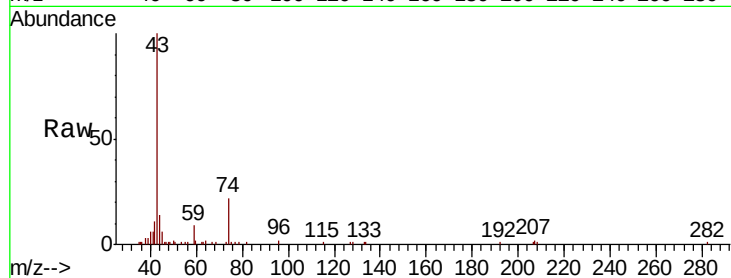




#18
Methvl Acetate
Concen: 4.929 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

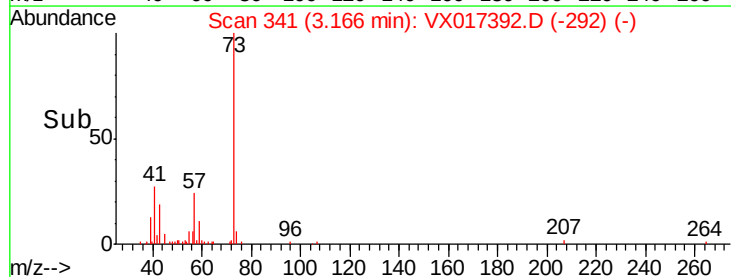
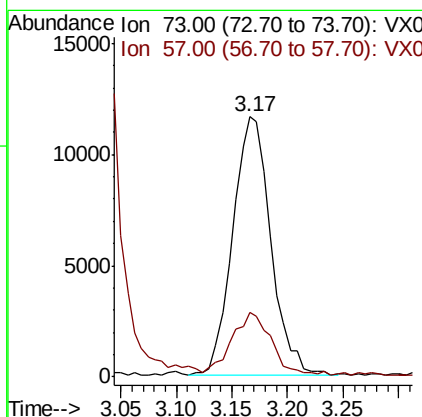
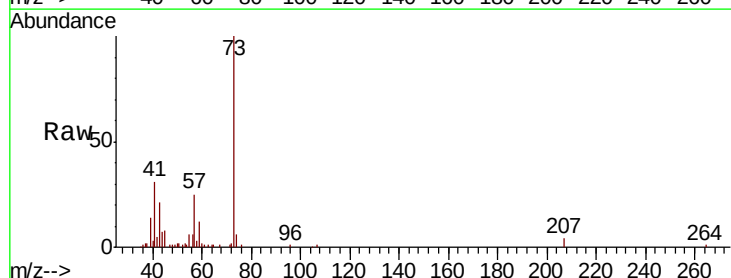
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

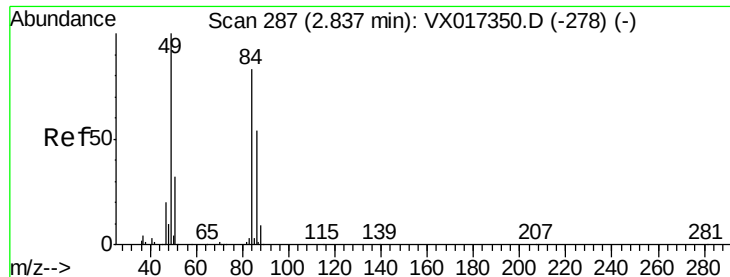
Tot Ion: 43 Resp: 15242
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 3.185 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 73 Resp: 27519
Ion Ratio Lower Upper
73 100
57 23.9 17.5 26.3

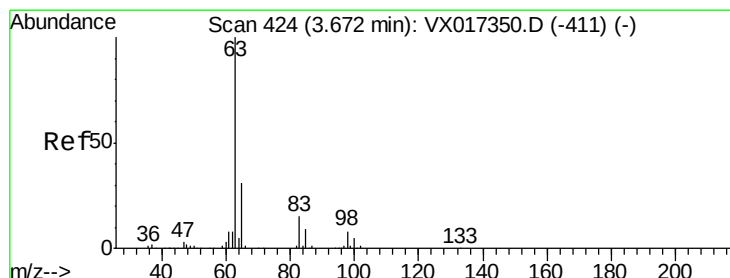
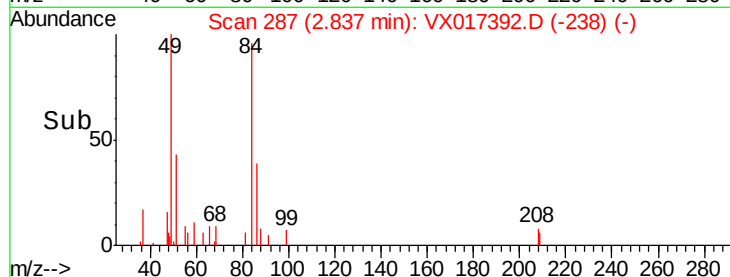
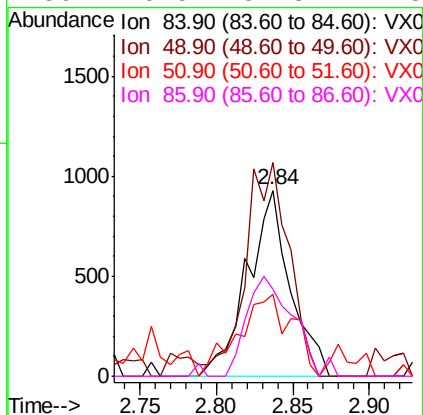
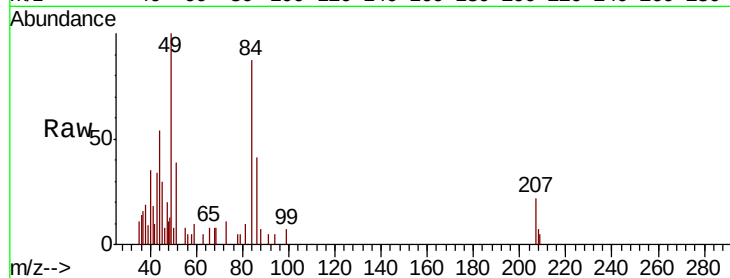




#20
Methylene Chloride
Concen: 0.599 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

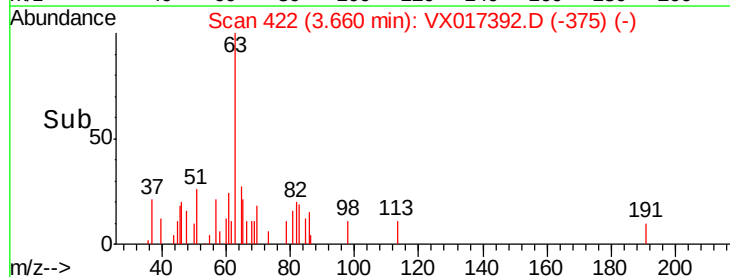
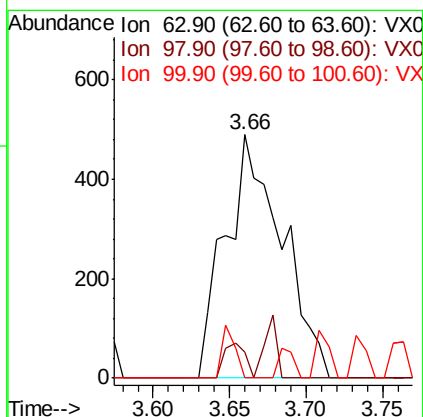
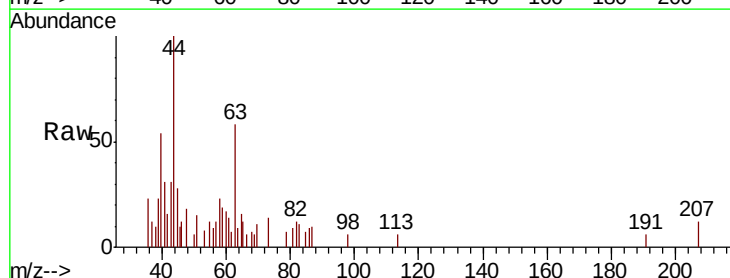
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

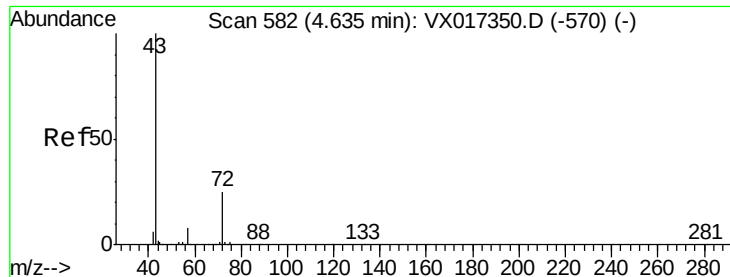
Tot Ion:	84	Resp:	1829
Ion	Ratio	Lower	Upper
84	100		
49	114.7	95.8	143.8
51	30.3	31.0	46.4#
86	46.5	51.8	77.8#



#24
1,1-Dichloroethane
Concen: 0.255 ug/l
RT: 3.66 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion:	63	Resp:	1259
Ion	Ratio	Lower	Upper
63	100		
98	10.8	3.9	11.5
100	0.0	2.5	7.5#





#25

2-Butanone

Concen: 923.372 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

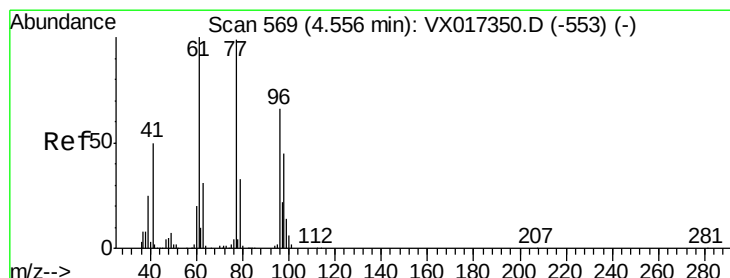
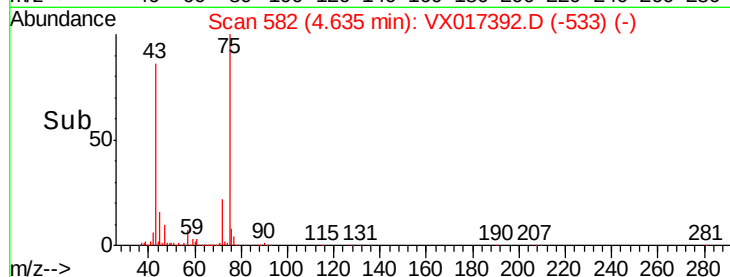
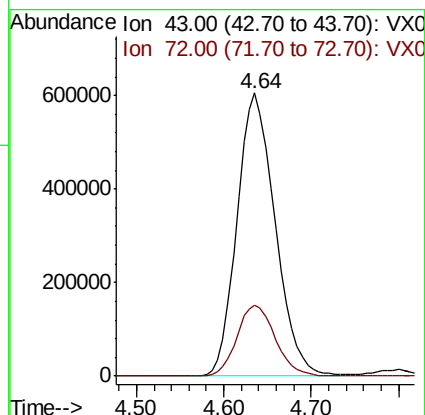
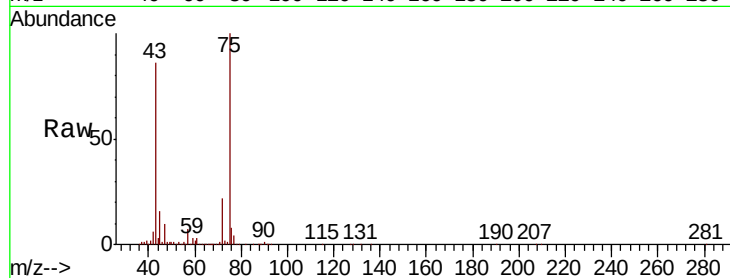
200715084-02-VOA

Tot Ion: 43 Resp: 1836065

Ion Ratio Lower Upper

43 100

72 25.1 20.4 30.6



#26

2,2-Dichloropropane

Concen: 41.990 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.10 min

Lab File: VX017392.D

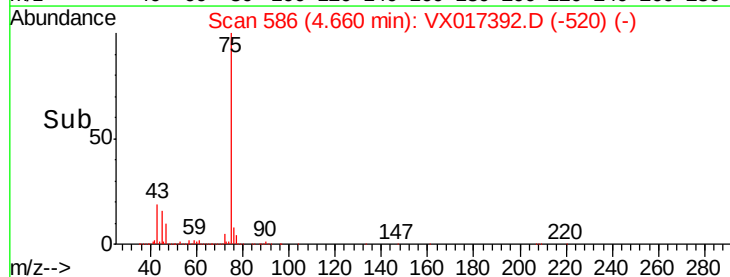
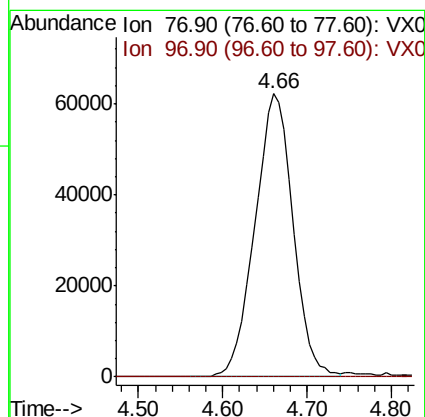
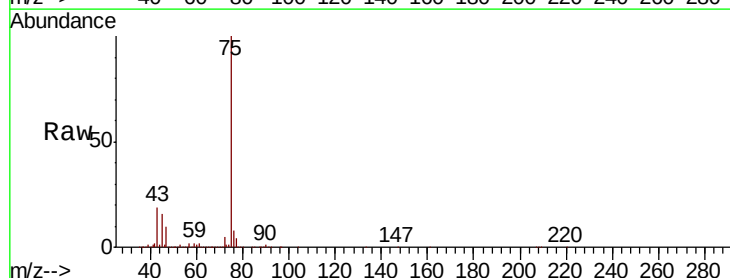
Acq: 16 Jul 2020 15:43

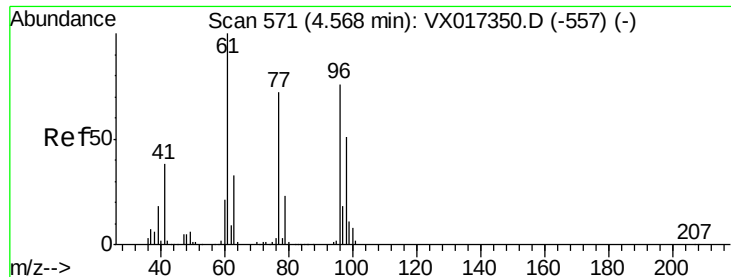
Tgt Ion: 77 Resp: 192876

Ion Ratio Lower Upper

77 100

97 0.0 11.1 33.3#



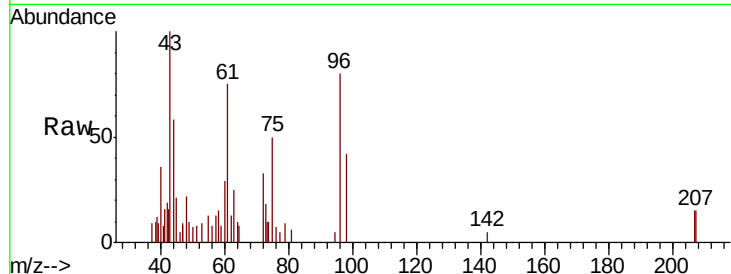


#27

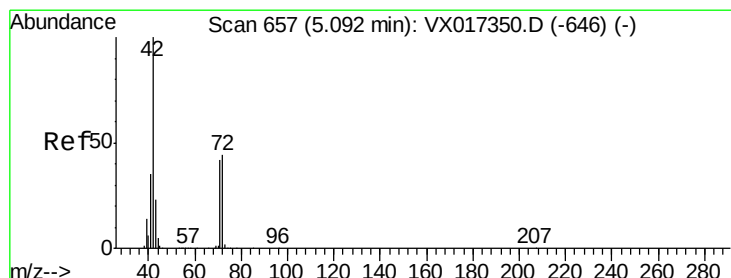
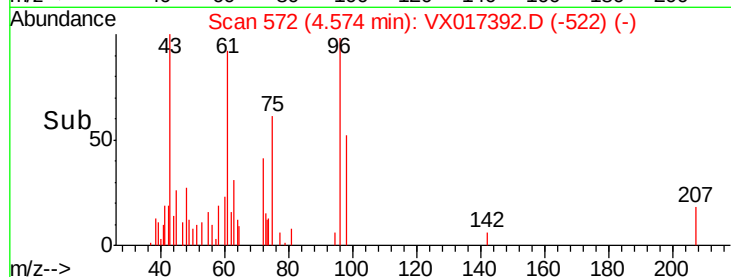
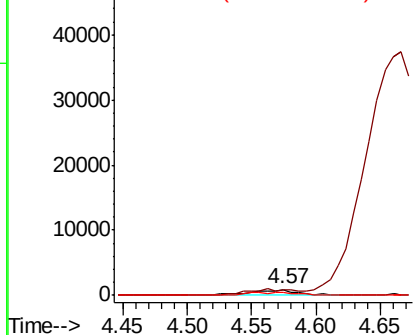
cis-1,2-Dichloroethene
Concen: 0.713 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

Tot Ion: 96 Resp: 2276
Ion Ratio Lower Upper
96 100
61 0.0 0.0 281.2
98 34.1 0.0 131.4



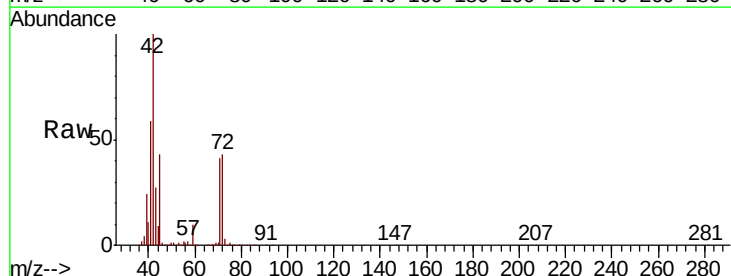
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



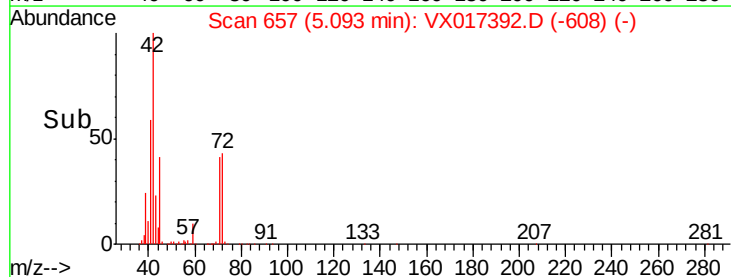
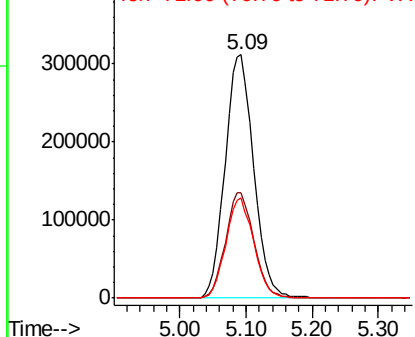
#29

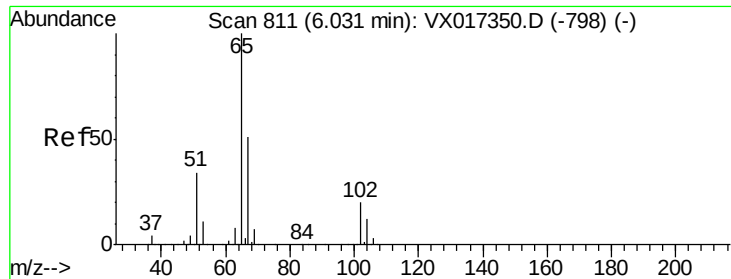
Tetrahydrofuran
Concen: 722.922 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 42 Resp: 930509
Ion Ratio Lower Upper
42 100
72 43.1 37.2 55.8
71 40.3 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

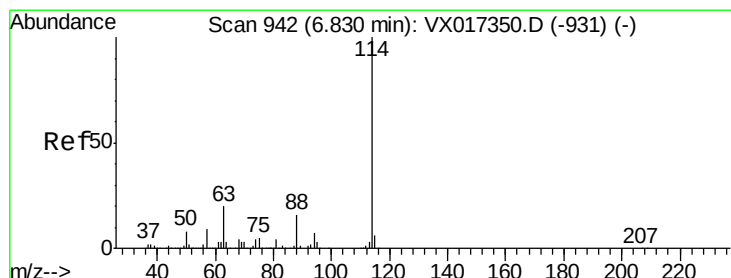
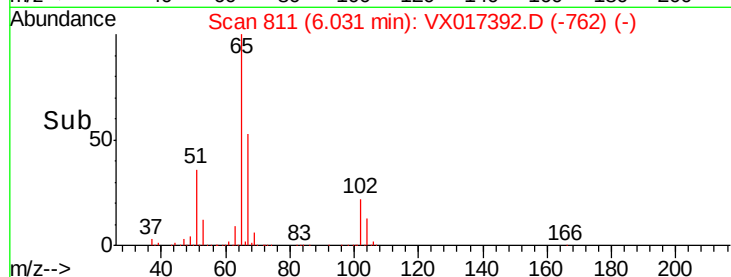
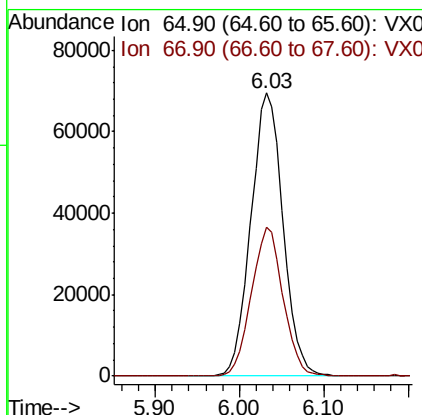
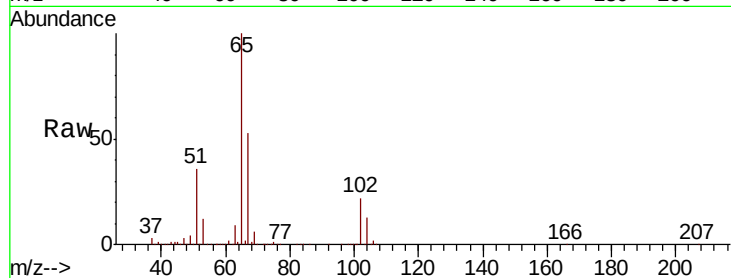




#33
 1,2-Dichloroethane-d4
 Concen: 51.394 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

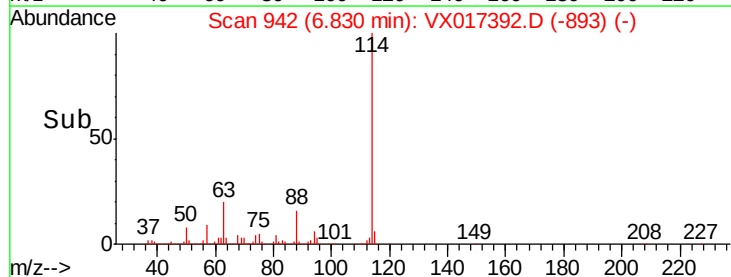
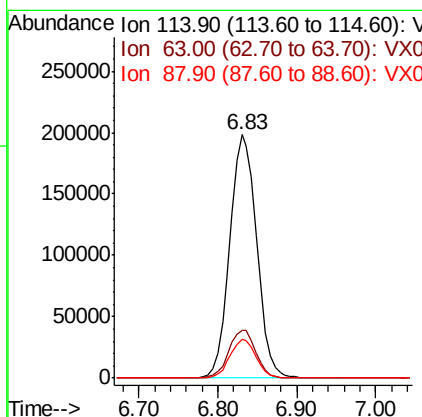
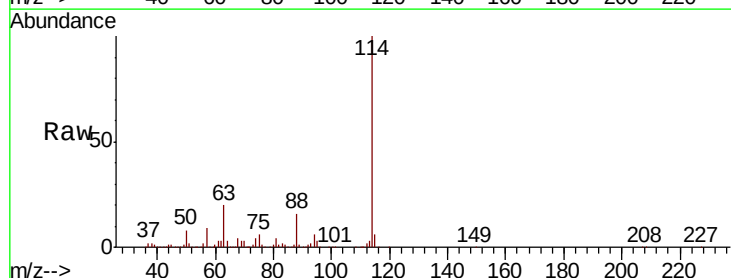
Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

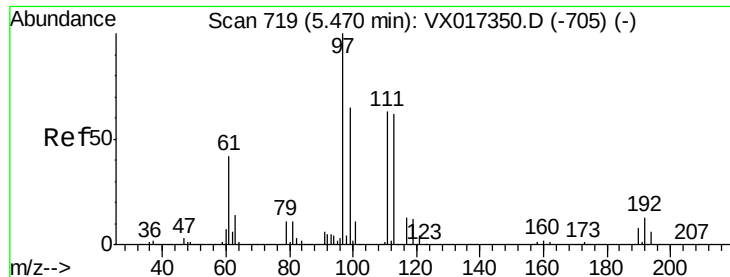
Tot Ion: 65 Resp: 180350
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Tgt Ion: 114 Resp: 470718
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.107 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

200715084-02-VOA

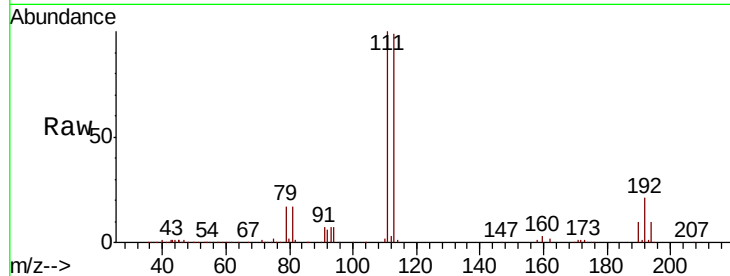
Tot Ion:113 Resp: 155711

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

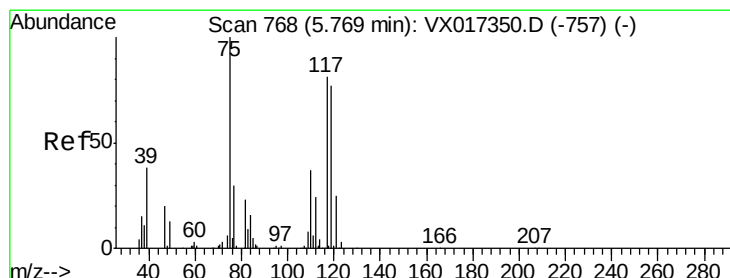
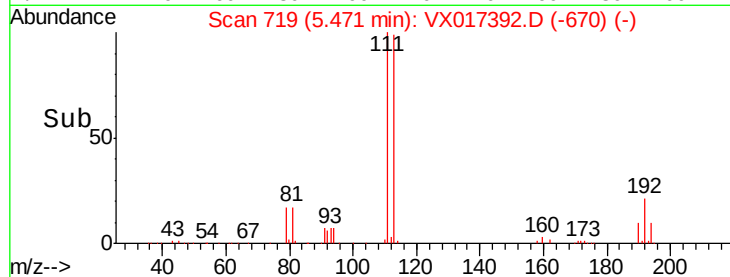
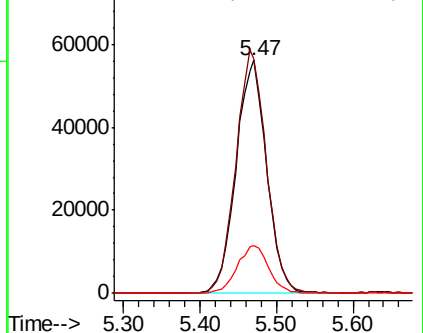
192 21.1 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

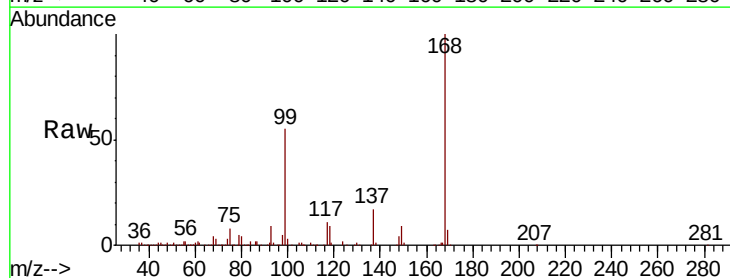
Tgt Ion: 75 Resp: 21058

Ion Ratio Lower Upper

75 100

110 9.5 18.6 55.8#

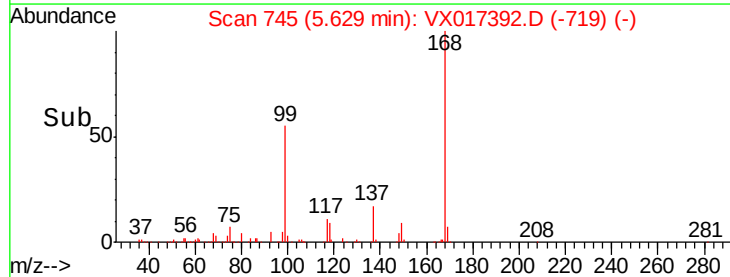
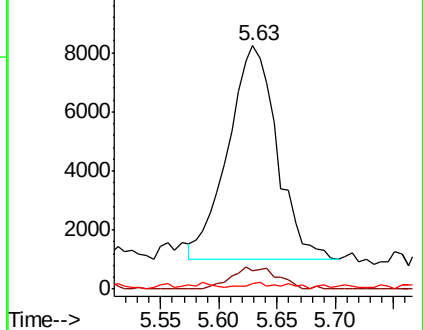
77 1.2 24.9 37.3#

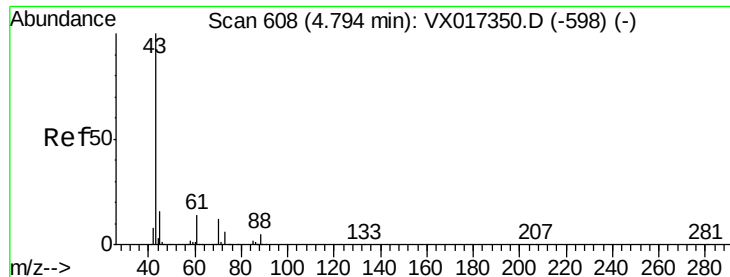


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

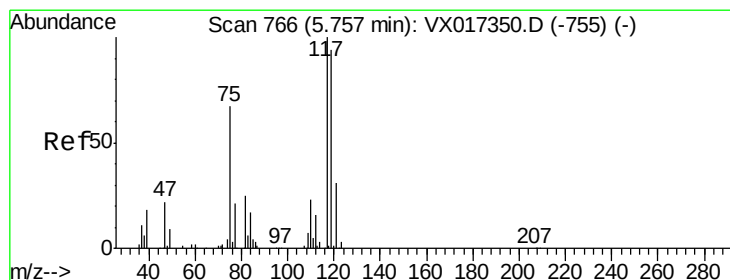
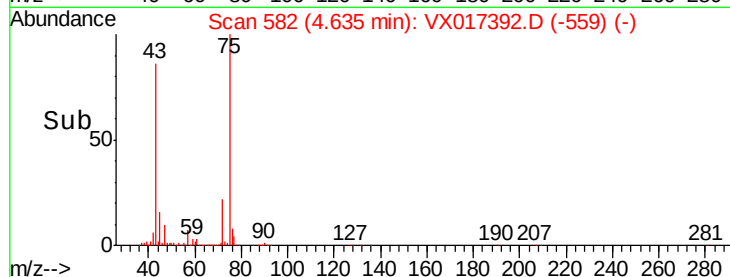
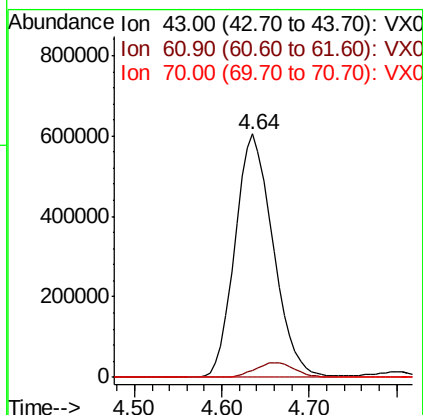
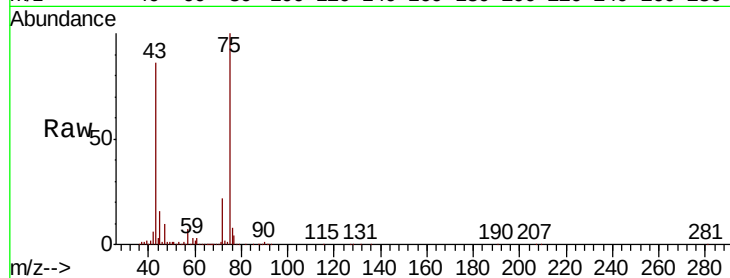




#37
Ethyl Acetate
Concen: 410.050 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

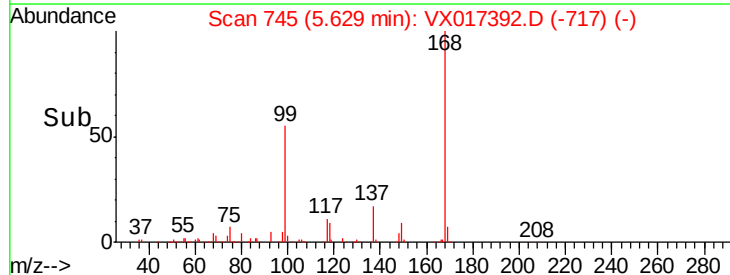
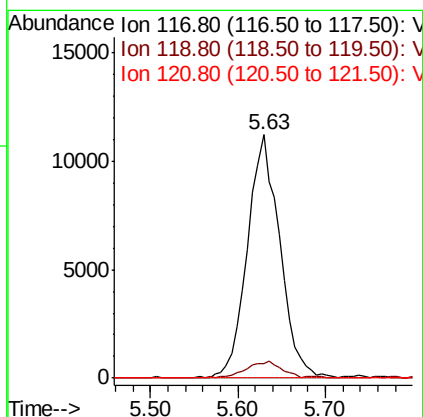
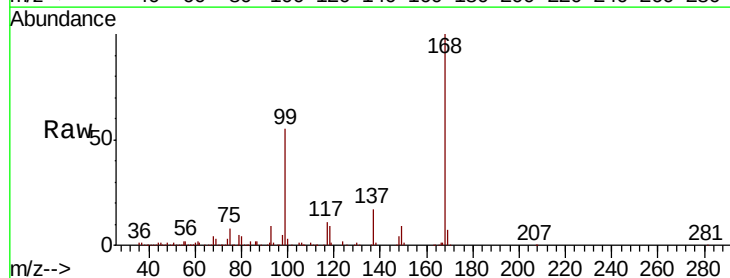
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

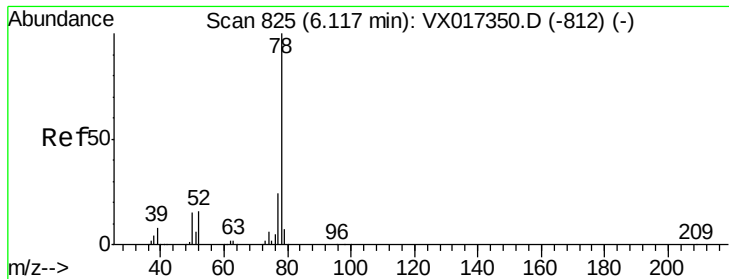
Tot Ion: 43 Resp: 1836065
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 5.726 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 117 Resp: 29028
Ion Ratio Lower Upper
117 100
119 6.1 74.7 112.1#
121 0.0 24.5 36.7#





#40

Benzene

Concen: 3.929 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

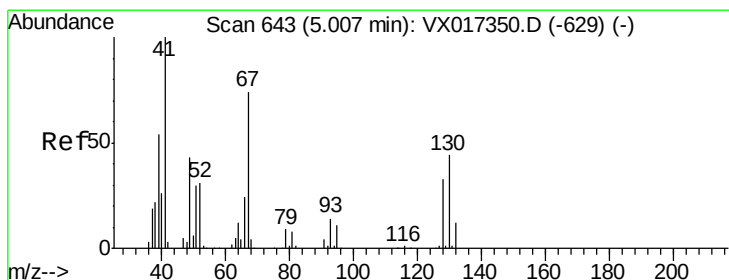
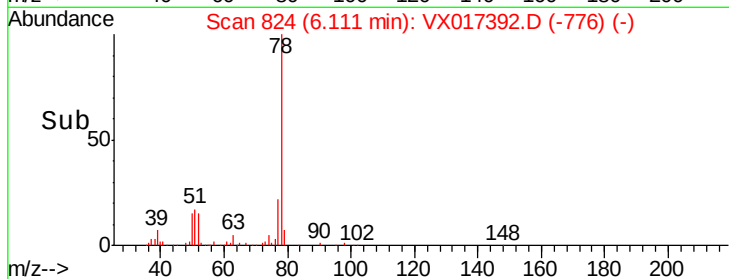
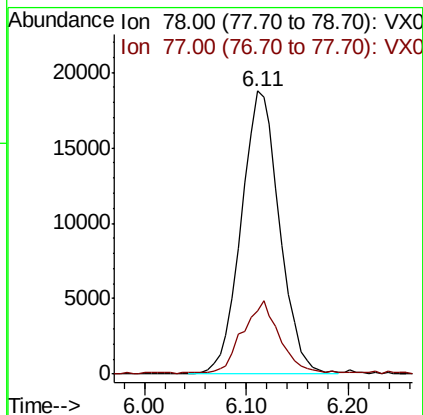
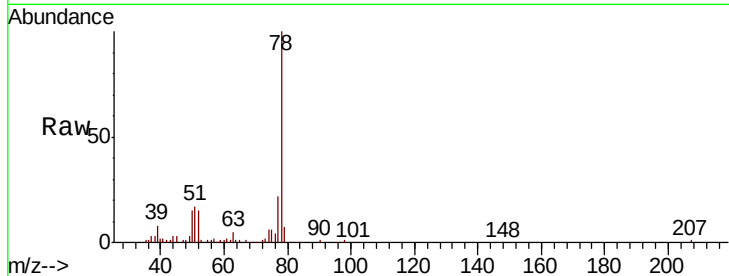
200715084-02-VOA

Tot Ion: 78 Resp: 48894

Ion Ratio Lower Upper

78 100

77 21.9 18.9 28.3



#41

Methacrylonitrile

Concen: 235.823 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.08 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Tgt Ion: 41 Resp: 566876

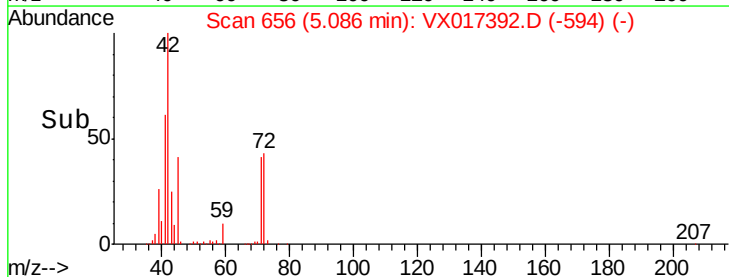
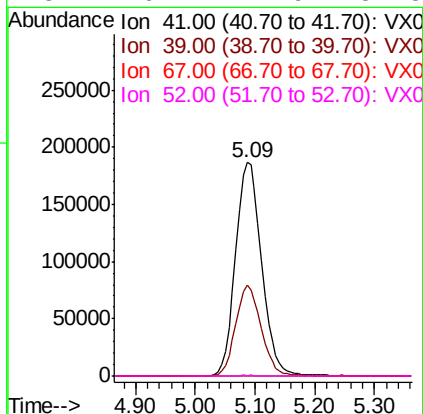
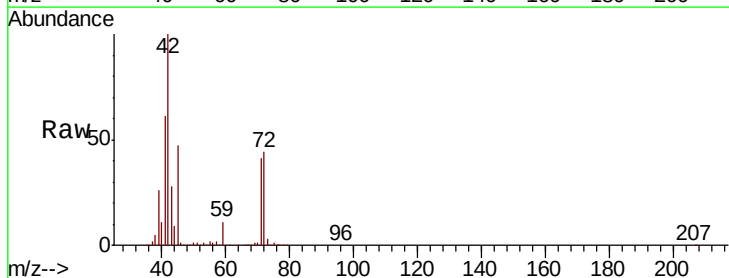
Ion Ratio Lower Upper

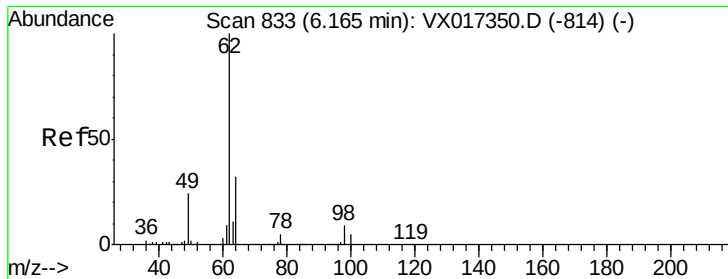
41 100

39 41.6 43.8 65.8#

67 0.1 58.7 88.1#

52 0.2 24.9 37.3#

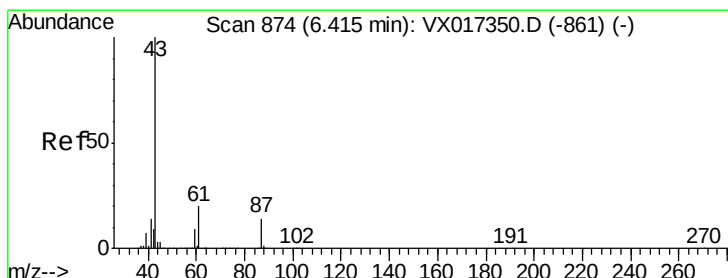
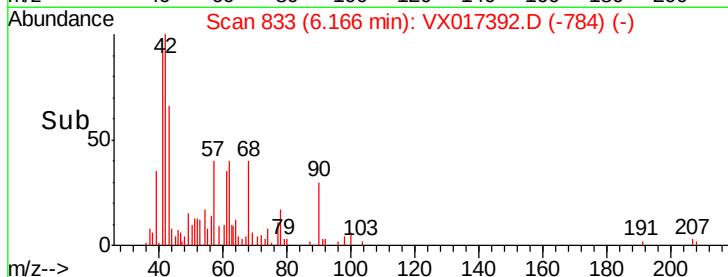
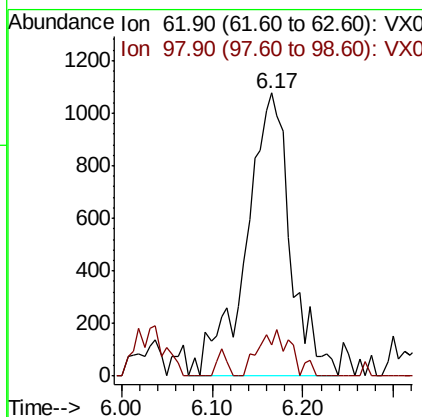
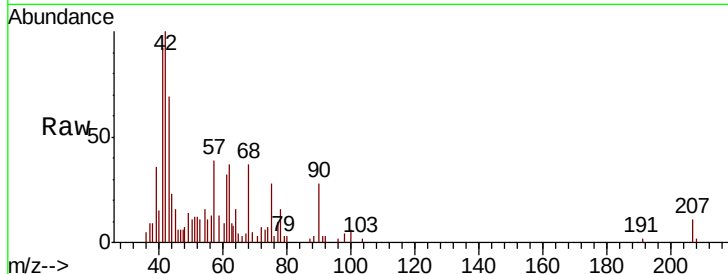




#42
 1,2-Dichloroethane
 Concen: 0.756 ug/l
 RT: 6.17 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

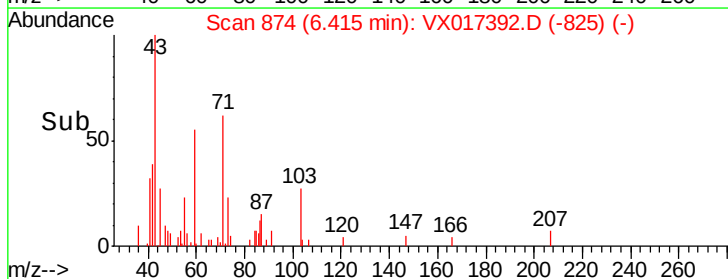
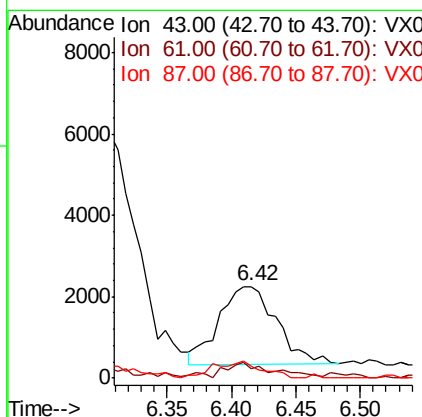
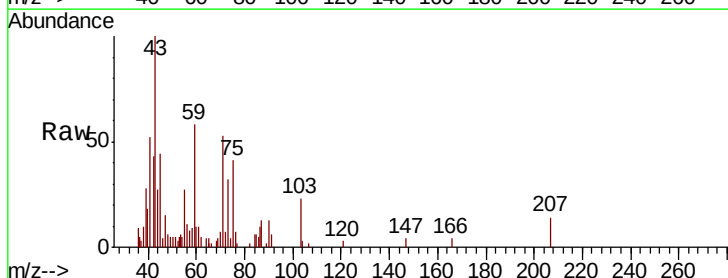
Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

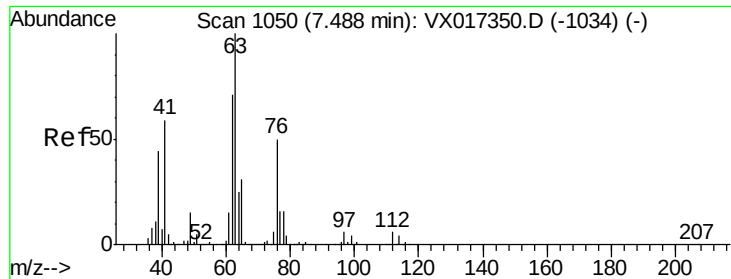
Tot Ion: 62 Resp: 3653
 Ion Ratio Lower Upper
 62 100
 98 5.6 0.0 19.4



#43
 Isopropyl Acetate
 Concen: 0.830 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Tgt Ion: 43 Resp: 5939
 Ion Ratio Lower Upper
 43 100
 61 12.1 16.4 24.6#
 87 18.4 11.2 16.8#

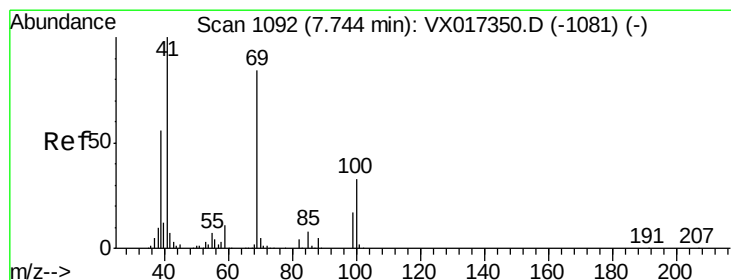
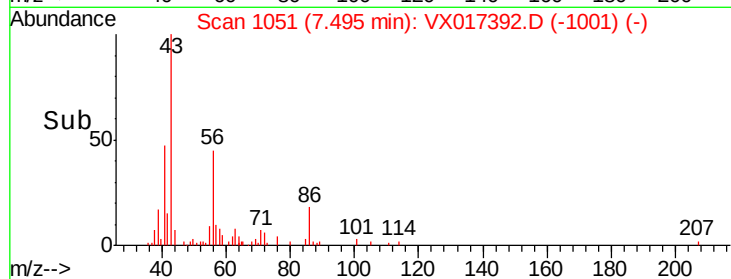
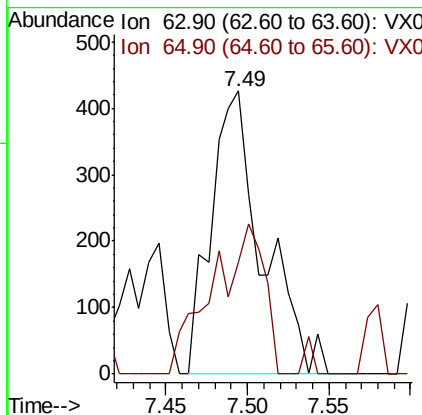
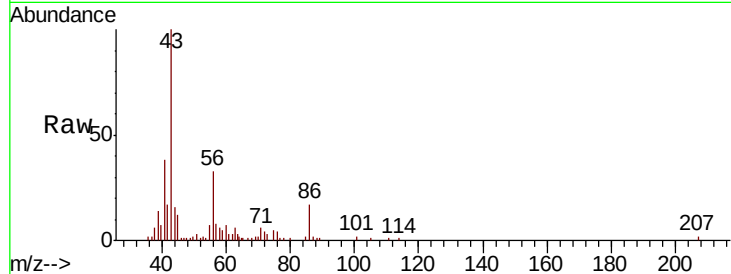




#45
 1,2-Dichloropropane
 Concen: 0.293 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

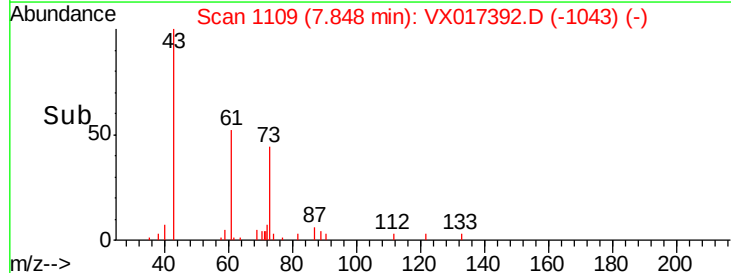
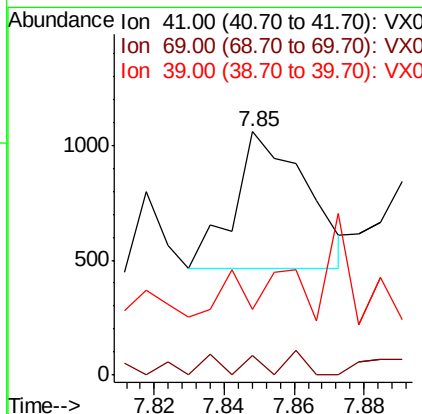
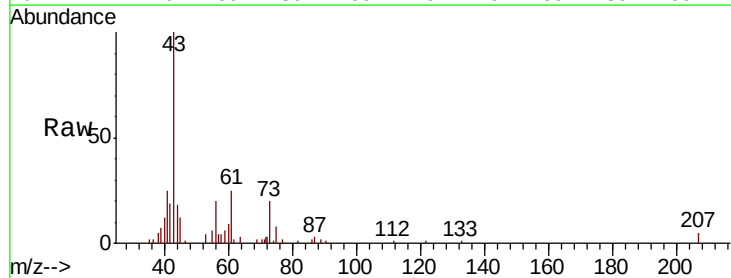
Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

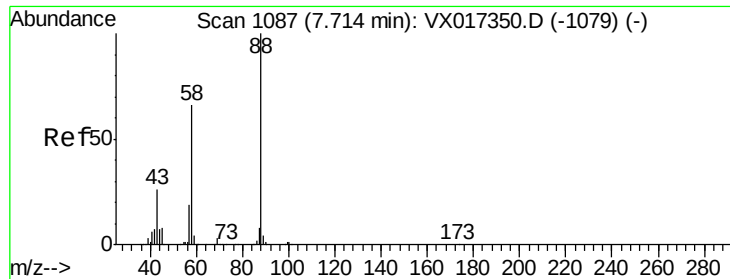
Tot Ion: 63 Resp: 934
 Ion Ratio Lower Upper
 63 100
 65 39.7 24.5 36.7#



#48
 Methyl methacrylate
 Concen: 0.245 ug/l
 RT: 7.85 min Scan# 1109
 Delta R.T. 0.10 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Tgt Ion: 41 Resp: 842
 Ion Ratio Lower Upper
 41 100
 69 3.8 67.8 101.6#
 39 32.3 45.1 67.7#

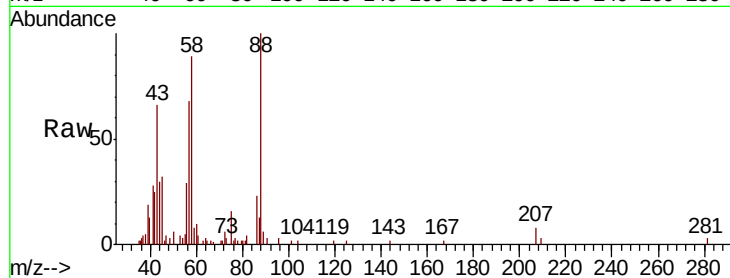




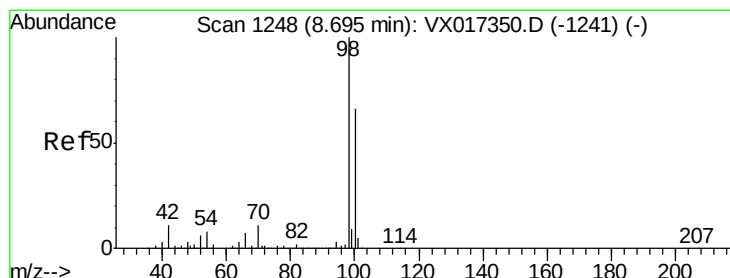
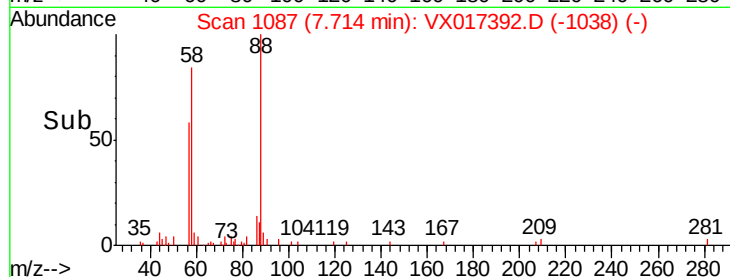
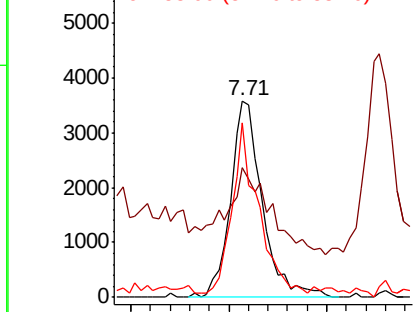
#49
1,4-Dioxane
Concen: 114.413 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

Tot Ion: 88 Resp: 8039
Ion Ratio Lower Upper
88 100
43 63.2 25.6 38.4#
58 71.1 53.9 80.9

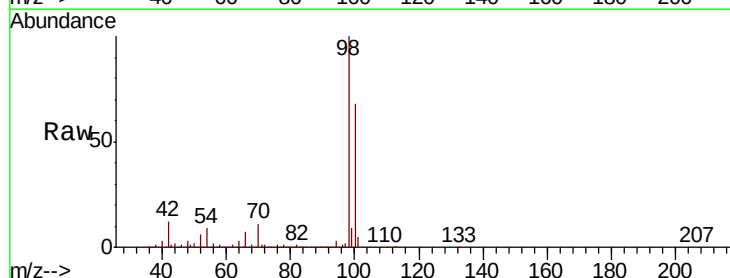


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

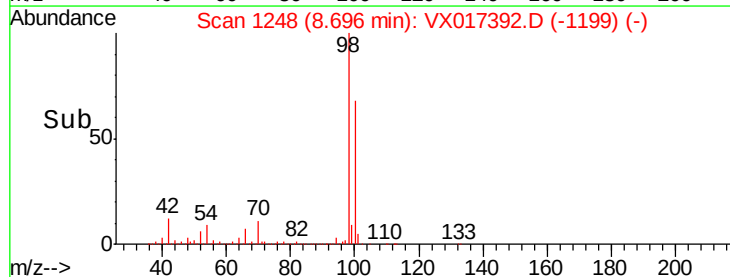
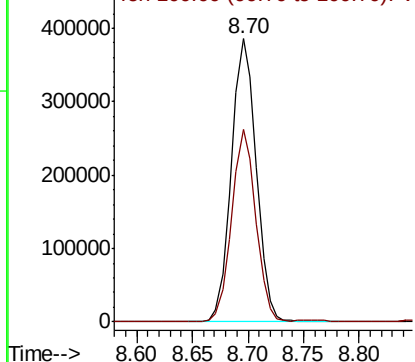


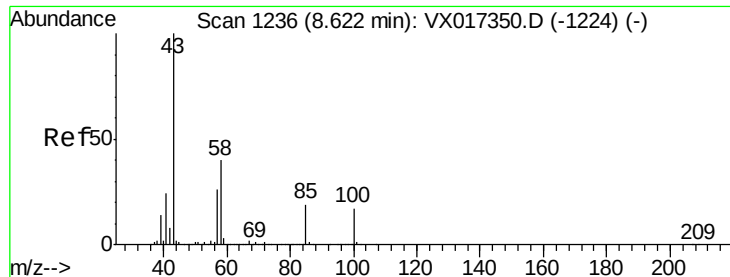
#50
Toluene-d8
Concen: 52.247 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 98 Resp: 597582
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

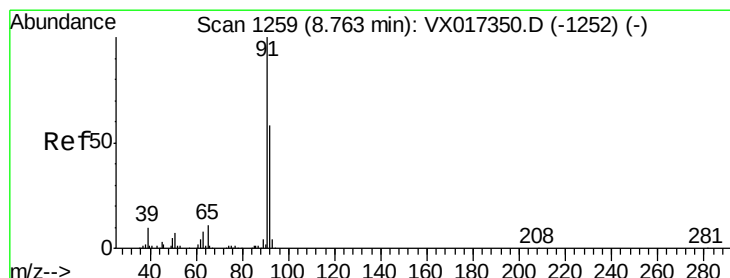
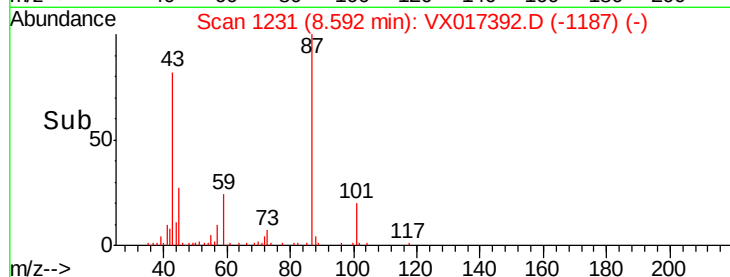
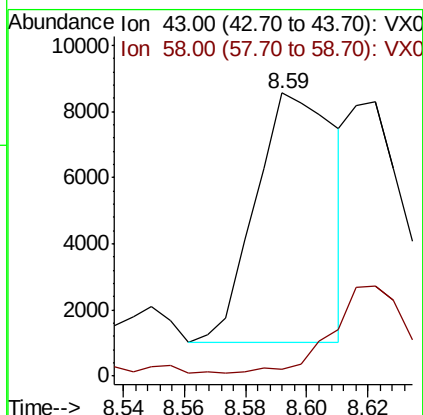
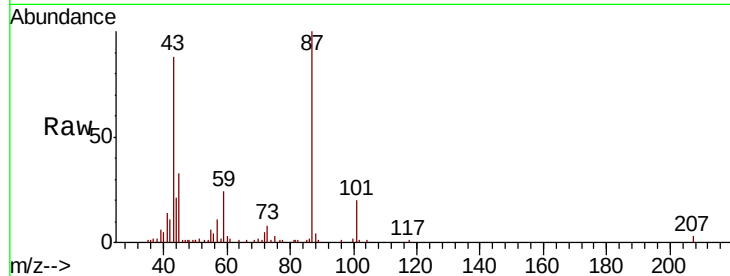




#51
 4-Methyl-2-Pentanone
 Concen: 3.135 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

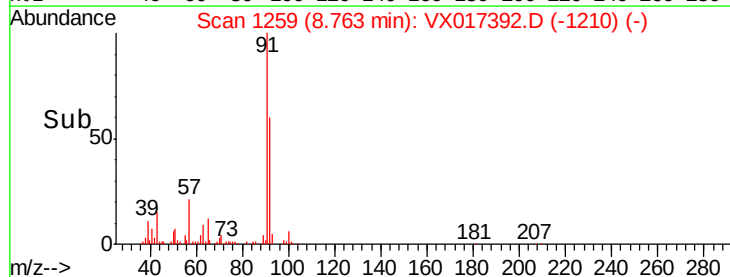
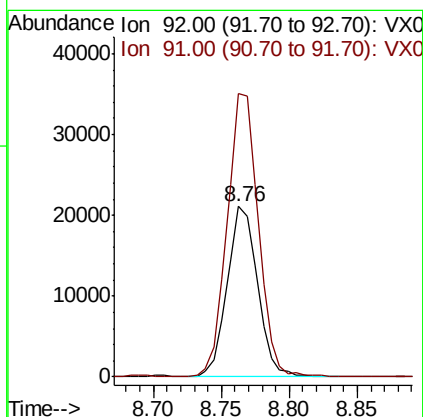
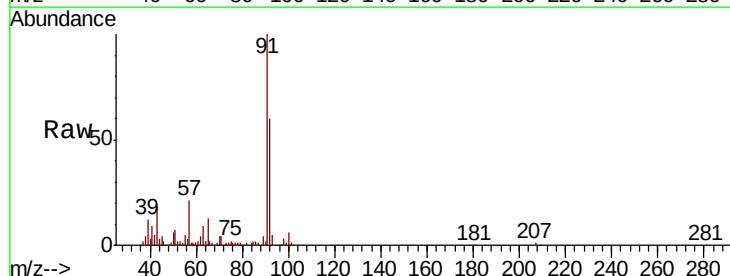
Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

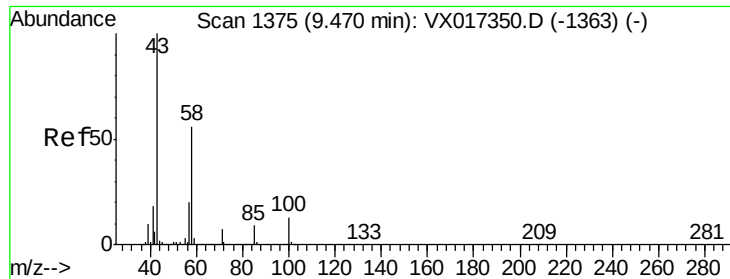
Tot Ion: 43 Resp: 13677
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.2#



#52
 Toluene
 Concen: 4.120 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Tgt Ion: 92 Resp: 32895
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.7 205.1





#59

2-Hexanone

Concen: 6.764 ug/l

RT: 9.28 min Scan# 1344

Delta R.T. -0.19 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

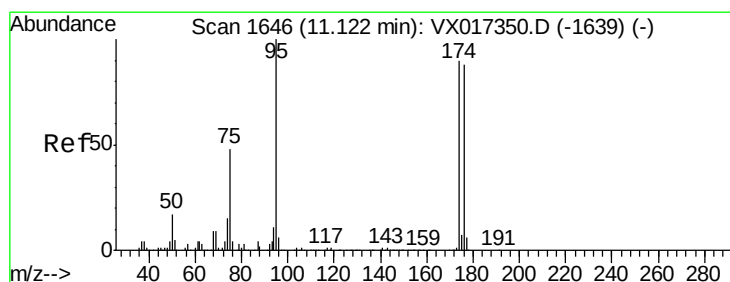
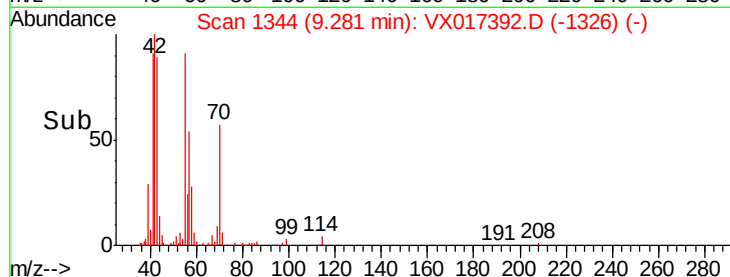
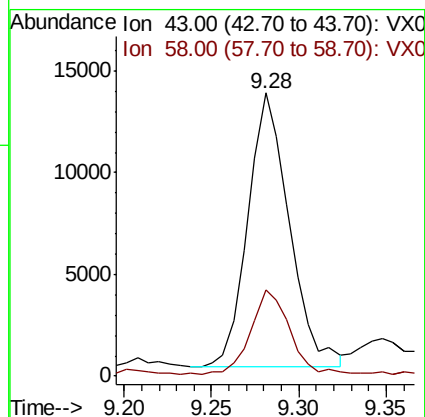
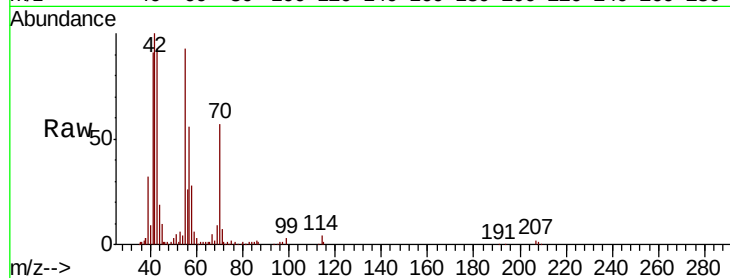
200715084-02-VOA

Tot Ion: 43 Resp: 22271

Ion Ratio Lower Upper

43 100

58 29.6 28.1 84.3



#62

4-Bromofluorobenzene

Concen: 58.055 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

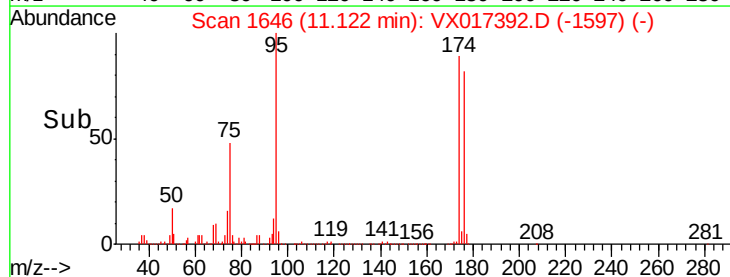
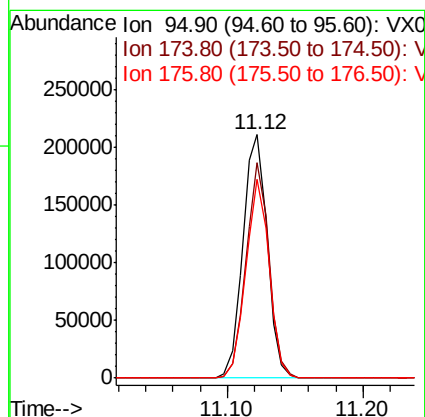
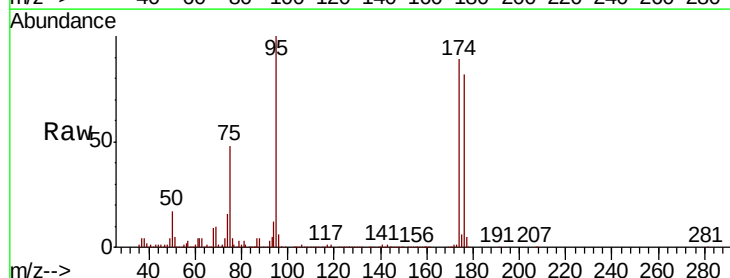
Tgt Ion: 95 Resp: 263758

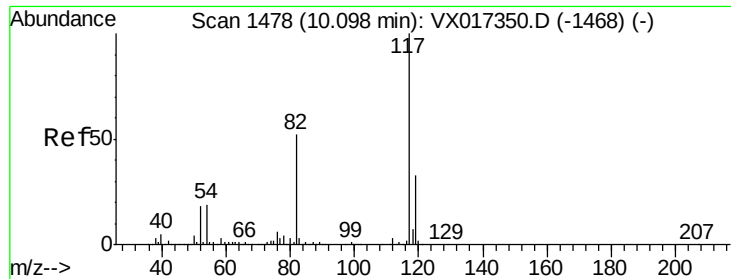
Ion Ratio Lower Upper

95 100

174 84.1 0.0 175.8

176 78.5 0.0 164.6

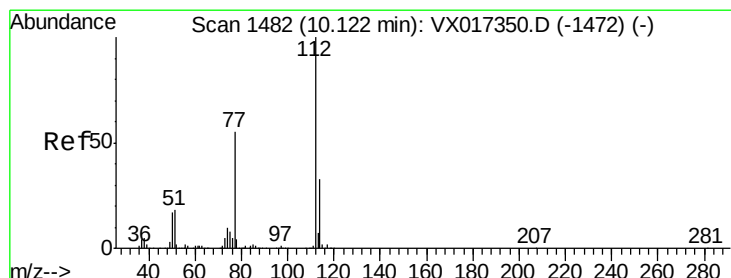
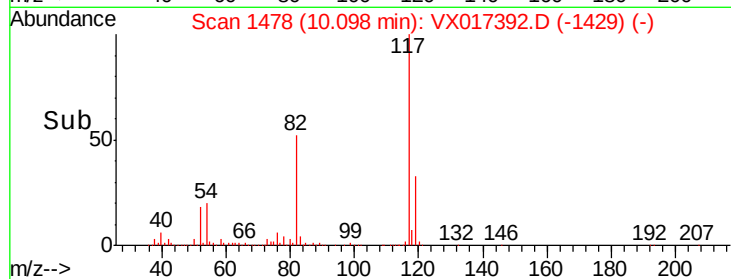
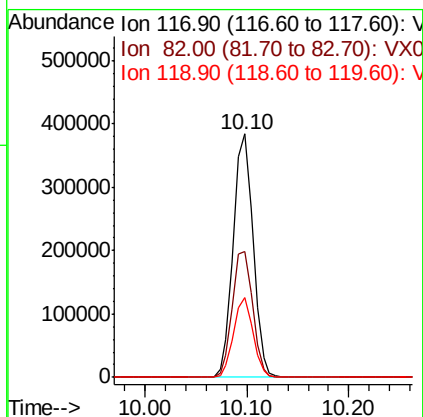
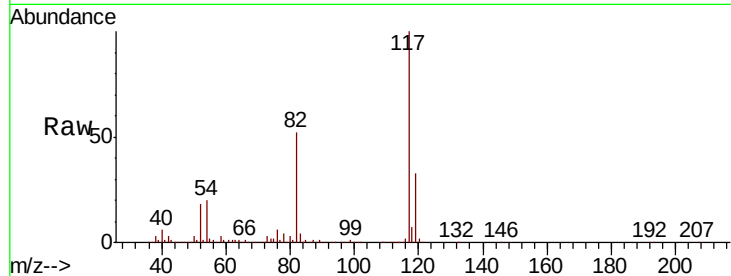




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

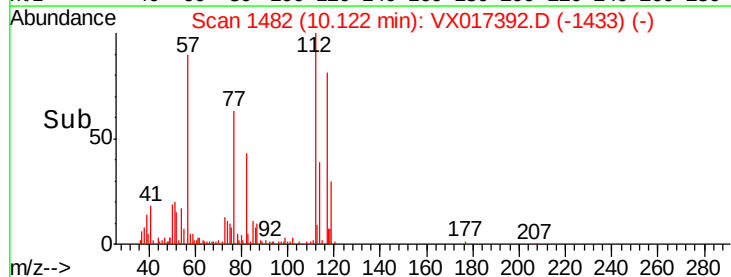
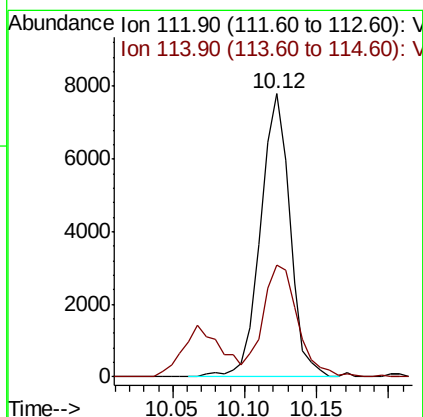
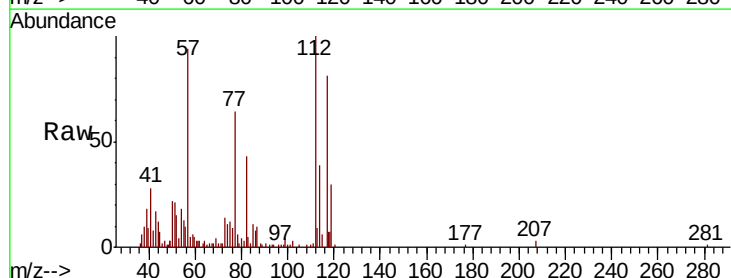
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

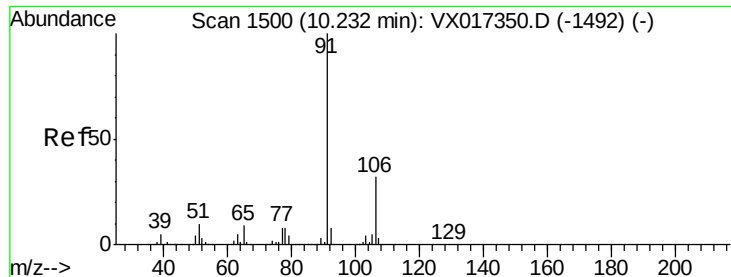
Tot Ion:117 Resp: 514569
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 32.7 26.3 39.5



#65
Chlorobenzene
Concen: 1.049 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion:112 Resp: 10974
Ion Ratio Lower Upper
112 100
114 38.6 26.0 39.0

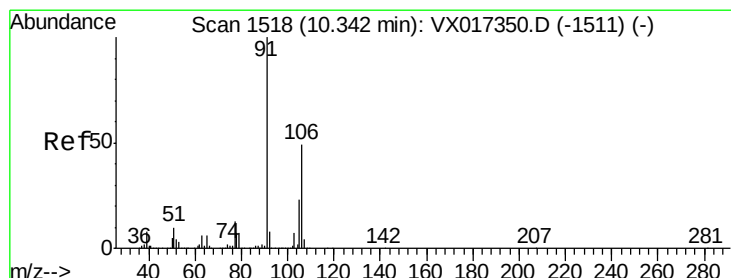
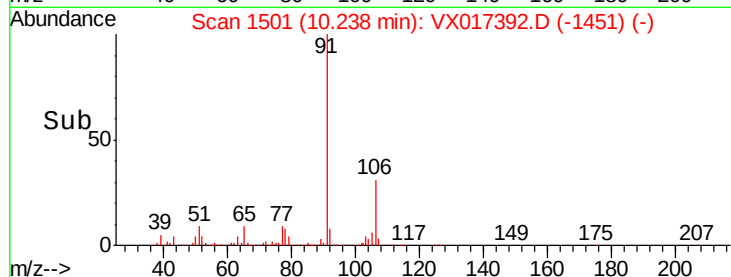
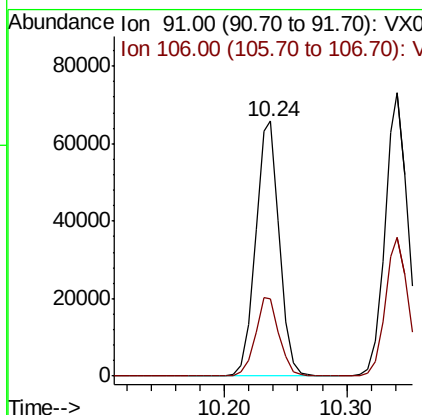
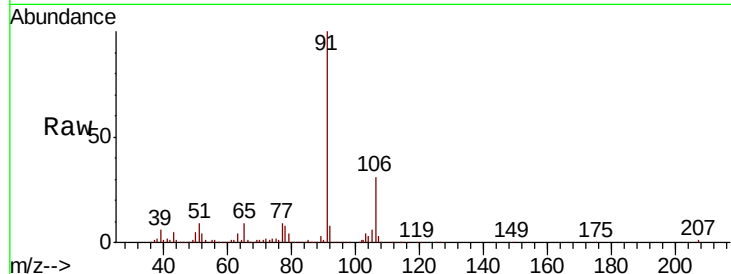




#67
Ethyl Benzene
Concen: 5.105 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

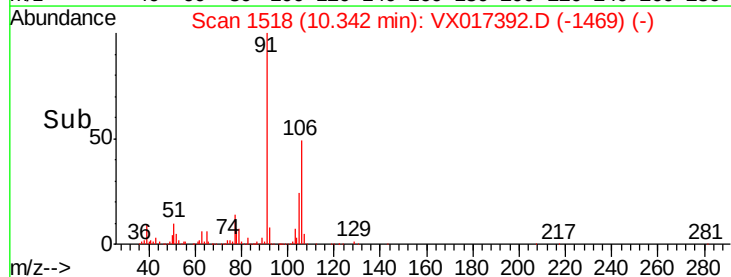
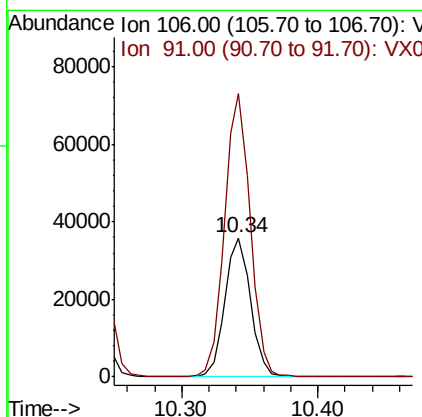
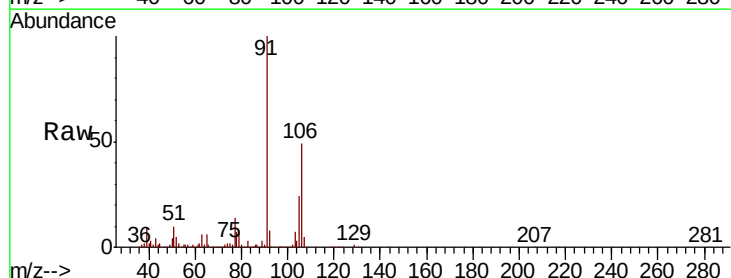
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

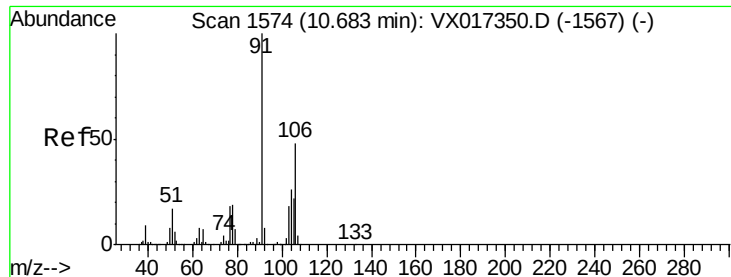
Tot Ion: 91 Resp: 88873
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 7.124 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 106 Resp: 47189
Ion Ratio Lower Upper
106 100
91 202.5 162.5 243.7

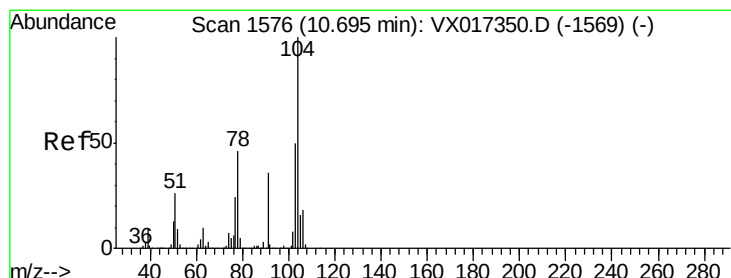
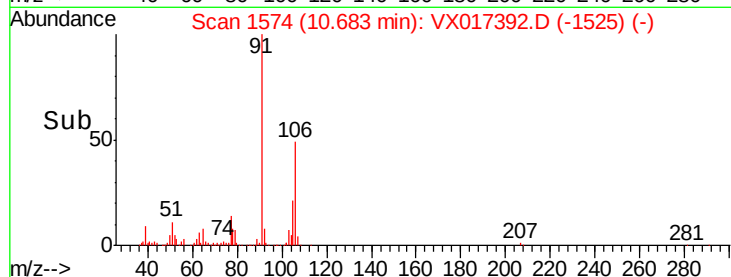
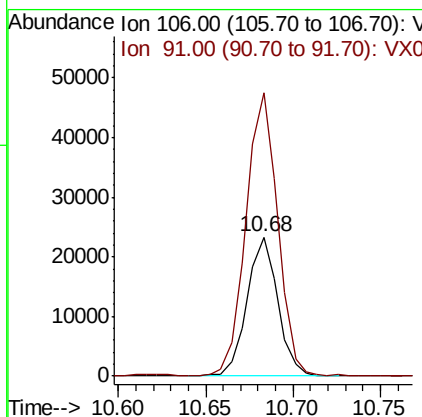
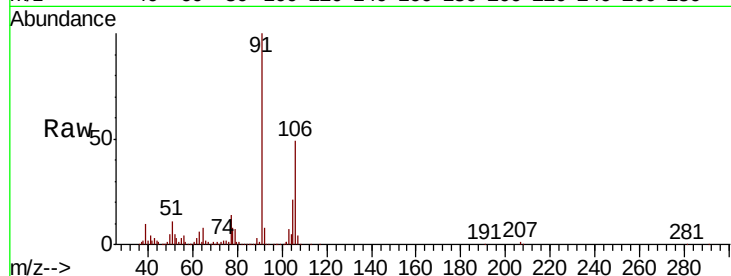




#69
o-Xylene
Concen: 4.514 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

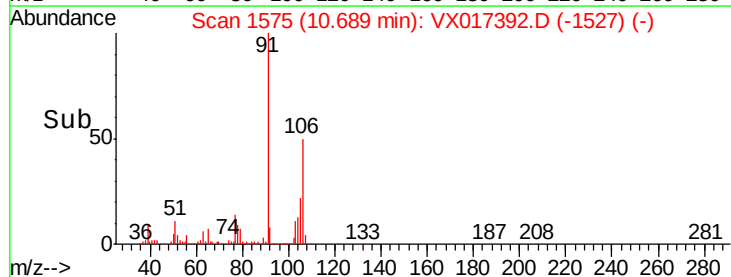
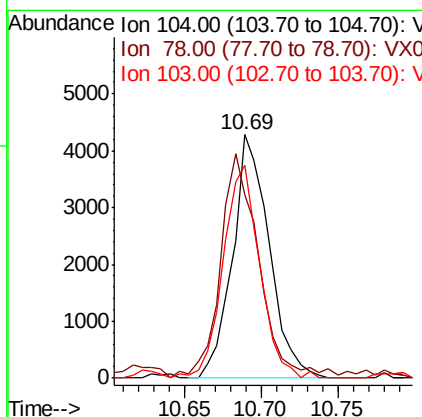
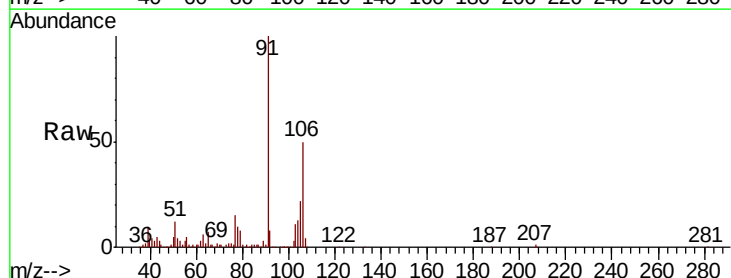
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

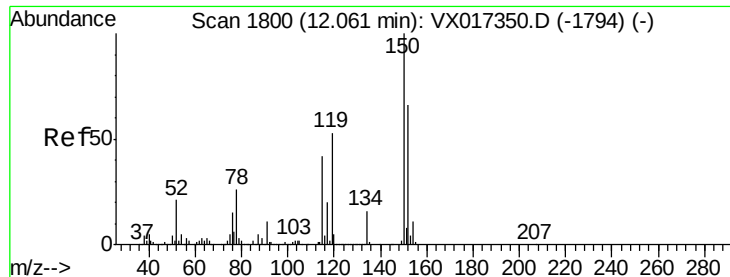
Tot Ion:106 Resp: 28569
Ion Ratio Lower Upper
106 100
91 207.6 106.1 318.1



#70
Styrene
Concen: 0.657 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion:104 Resp: 7134
Ion Ratio Lower Upper
104 100
78 96.3 40.8 61.2#
103 87.1 43.3 64.9#



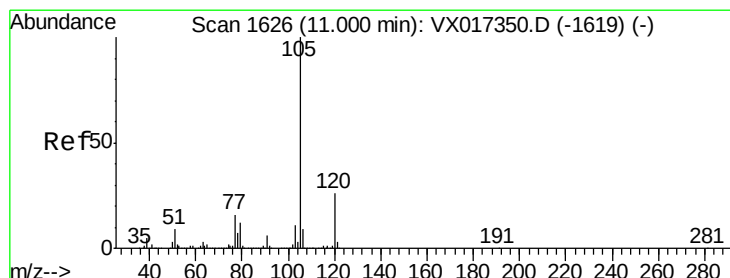
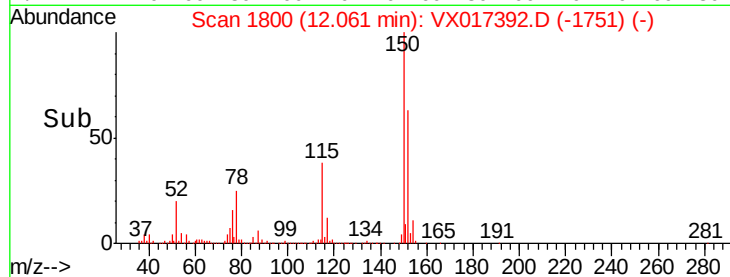
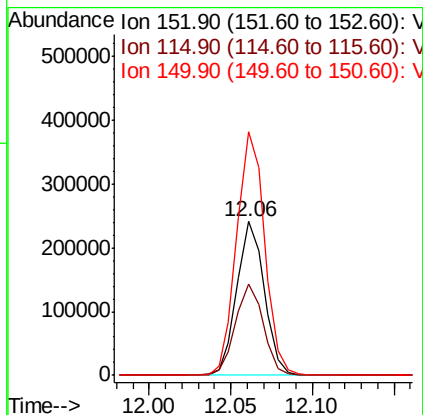
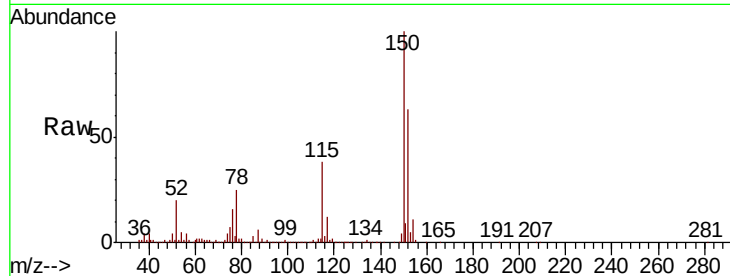


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

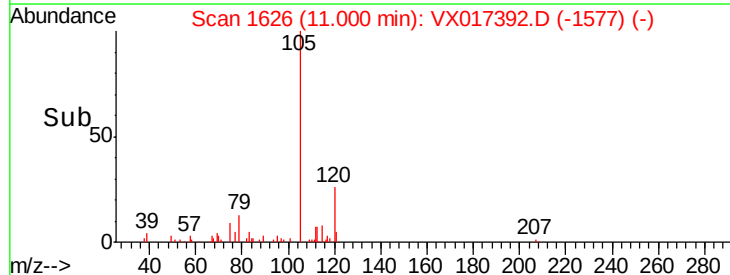
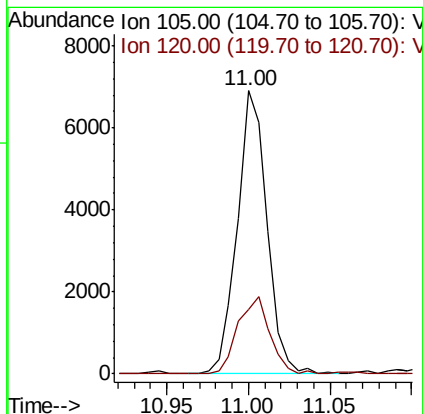
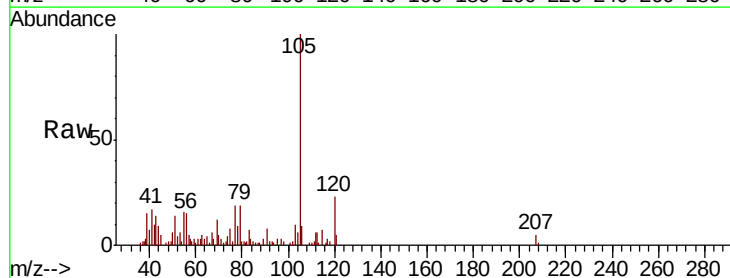
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	39.9	119.7
150	161.4	0.0	343.4

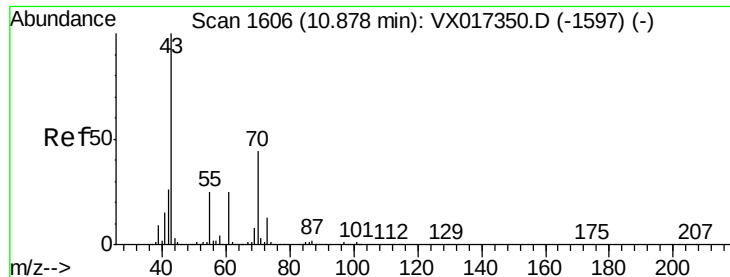


#73

Isopropylbenzene
Concen: 0.492 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.3	13.3	39.8

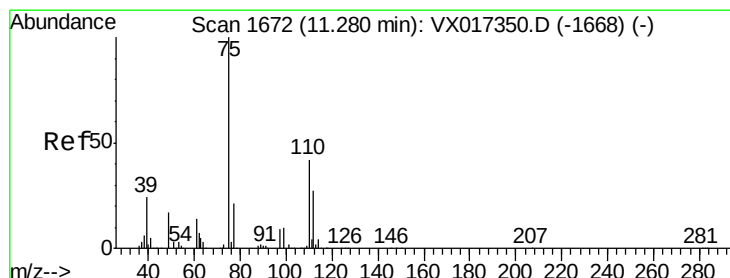
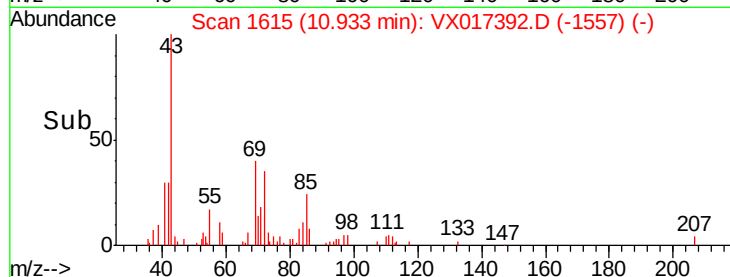
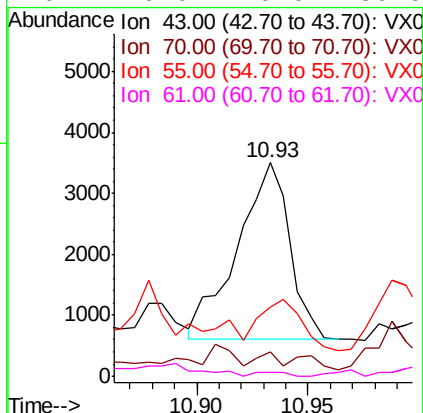
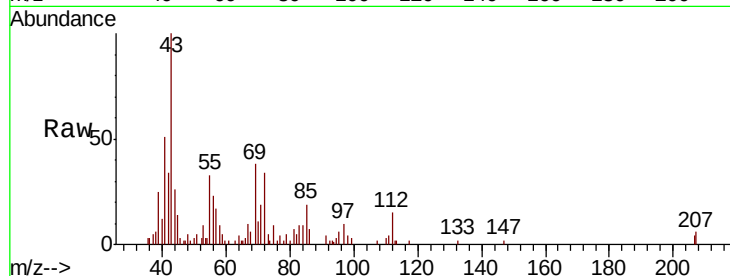




#74
N-amvl acetate
Concen: 0.669 ug/l
RT: 10.93 min Scan# 1615
Delta R.T. 0.05 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

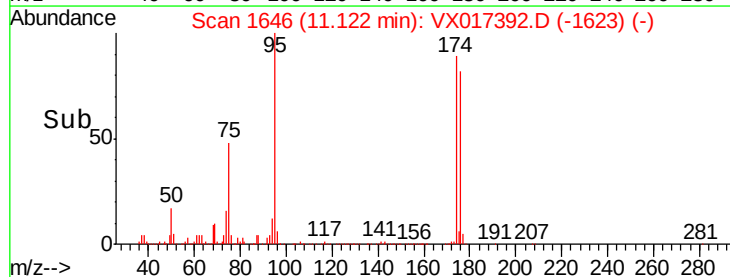
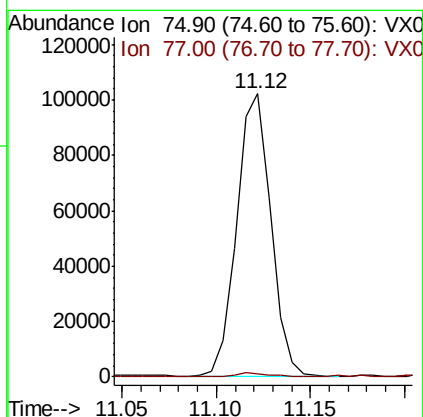
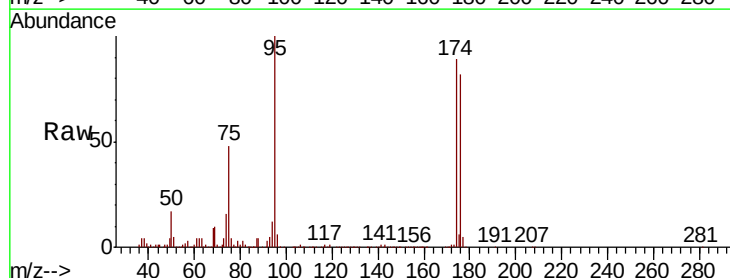
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

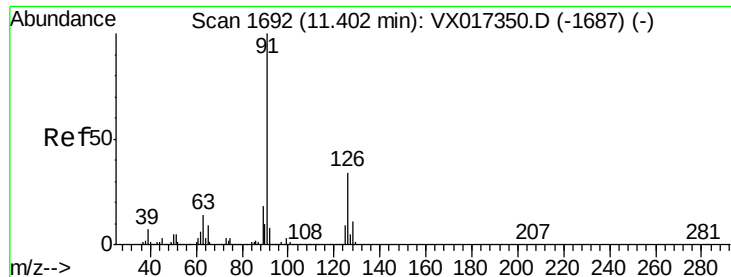
Tot Ion: 43 Resp: 4781
Ion Ratio Lower Upper
43 100
70 0.0 35.7 53.5#
55 0.0 20.3 30.5#
61 0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 24.342 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 75 Resp: 128146
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#

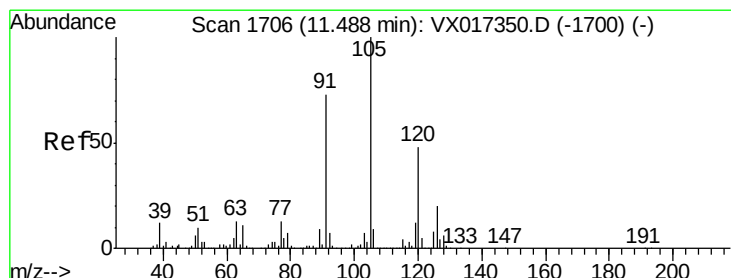
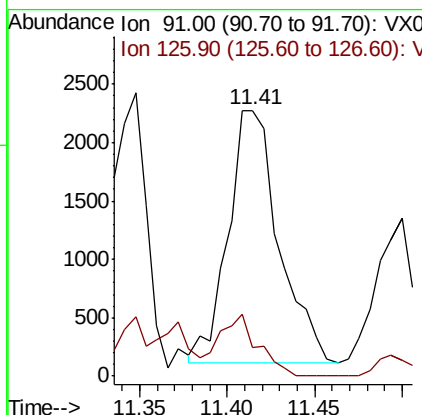
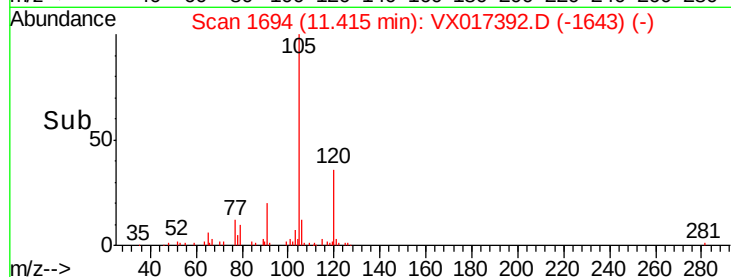
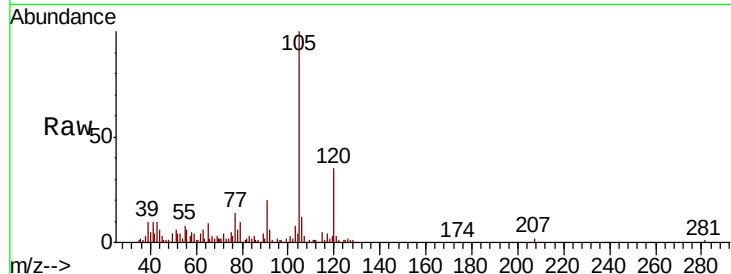




#79
2-Chlorotoluene
Concen: 0.355 ug/l
RT: 11.41 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

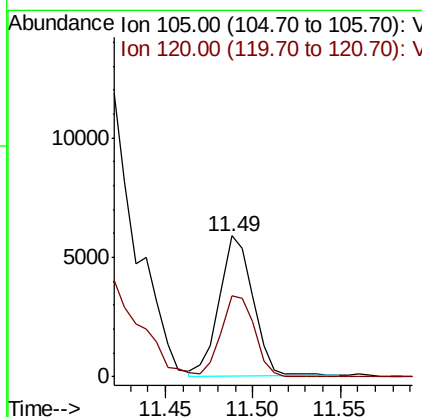
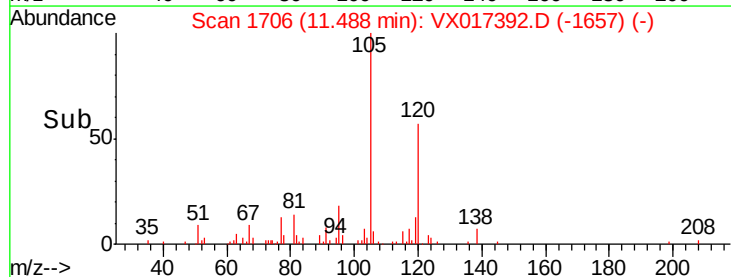
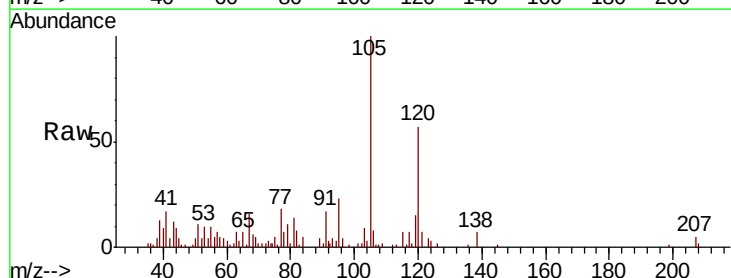
Instrument :
MSVOA_X
ClientSampleId :
200715084-02-VOA

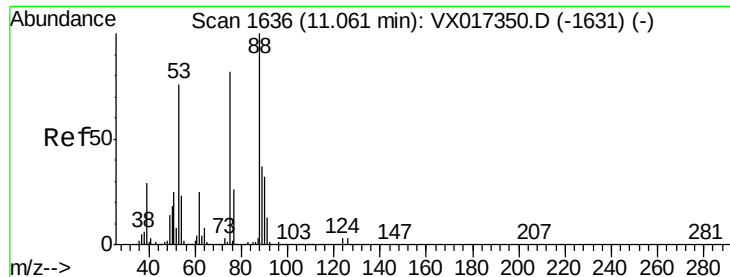
Tot Ion: 91 Resp: 4385
Ion Ratio Lower Upper
91 100
126 18.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 0.522 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017392.D
Acq: 16 Jul 2020 15:43

Tgt Ion: 105 Resp: 7919
Ion Ratio Lower Upper
105 100
120 56.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.750 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

200715084-02-VOA

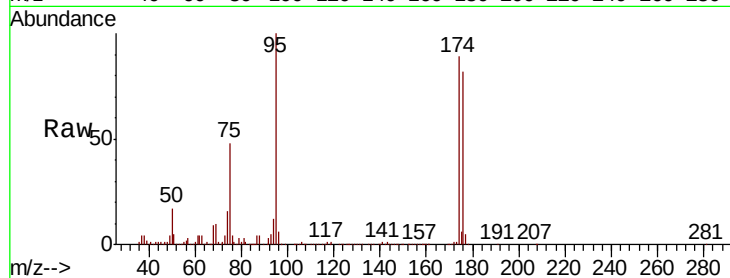
Tot Ion: 75 Resp: 128146

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

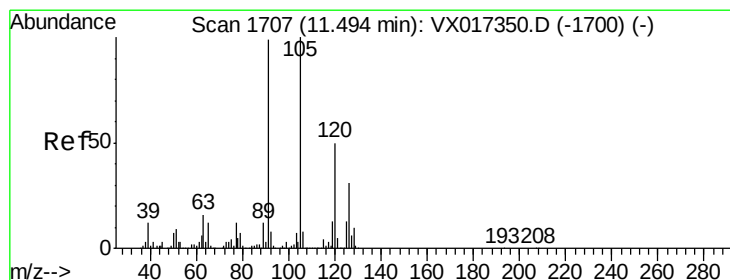
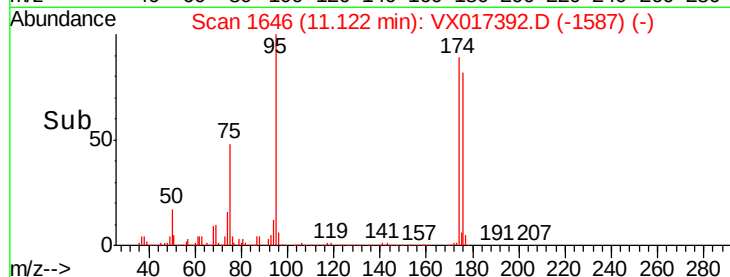
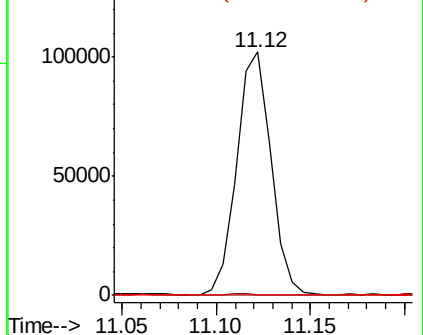
89 0.0 38.1 57.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.302 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. -0.08 min

Lab File: VX017392.D

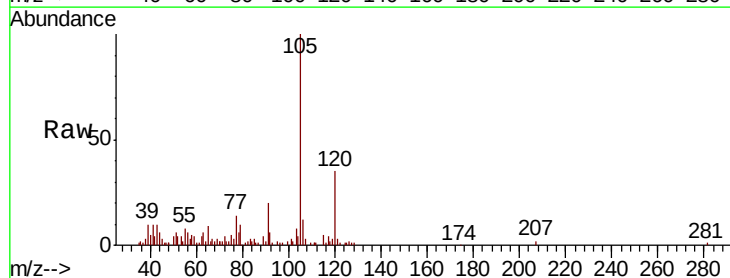
Acq: 16 Jul 2020 15:43

Tgt Ion: 91 Resp: 4419

Ion Ratio Lower Upper

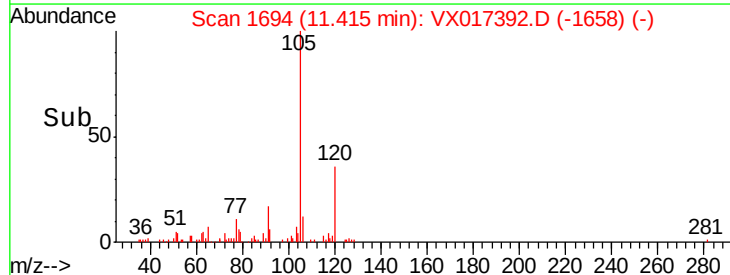
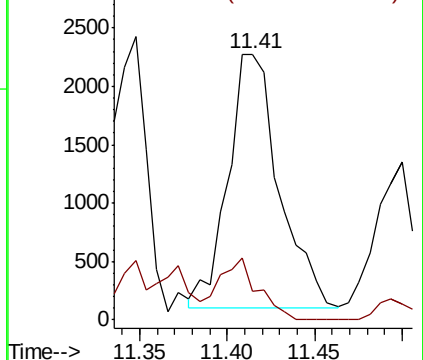
91 100

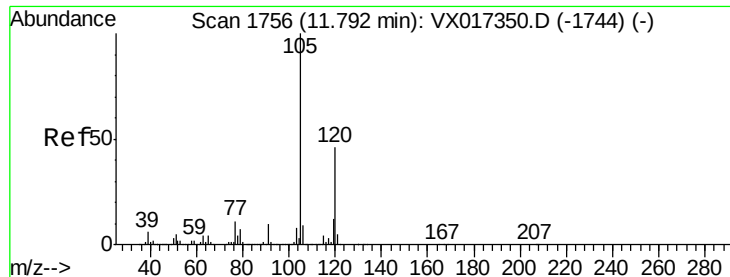
126 18.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

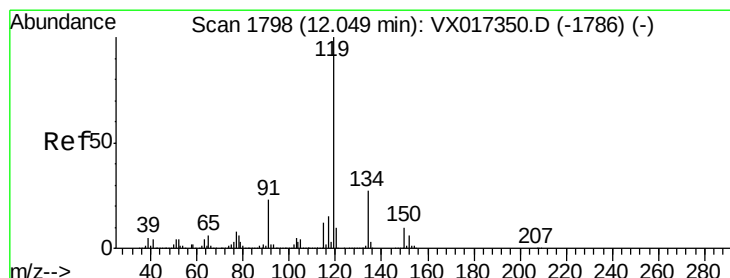
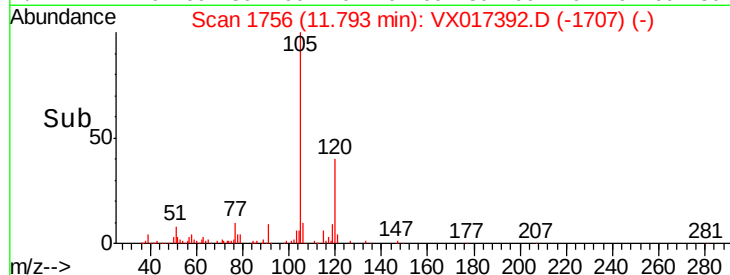
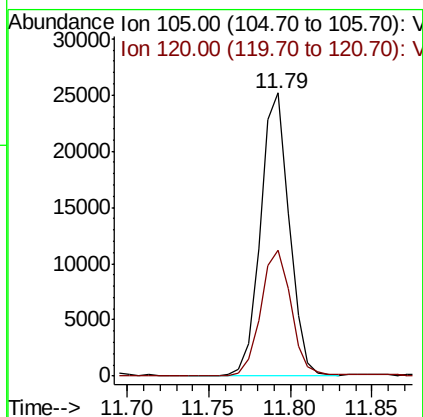
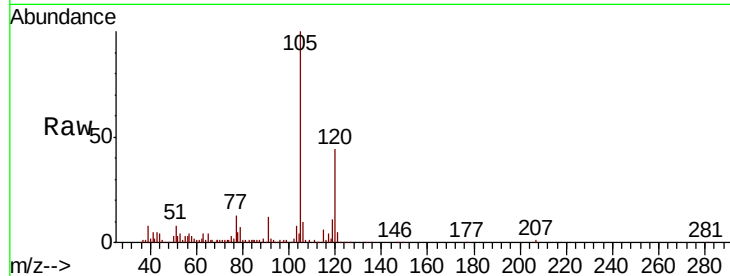




#84
 1,2,4-Trimethylbenzene
 Concen: 2.028 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

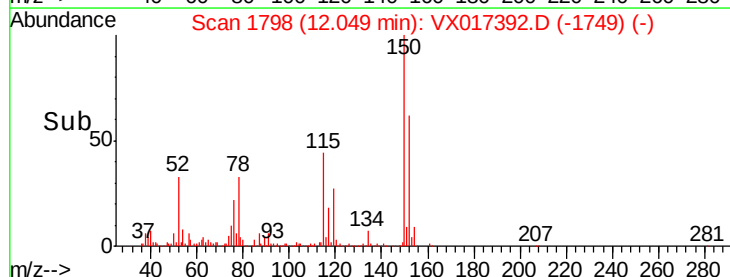
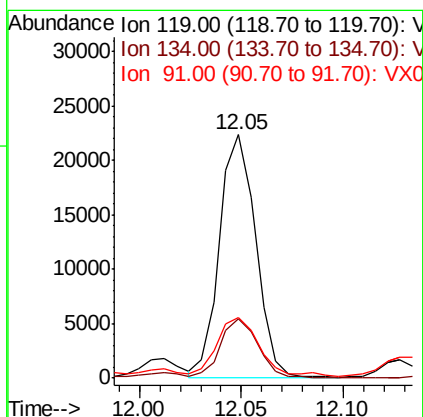
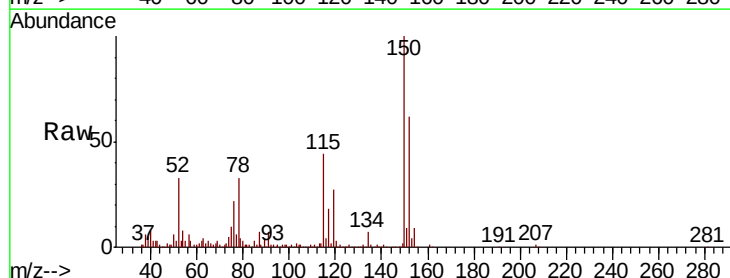
Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

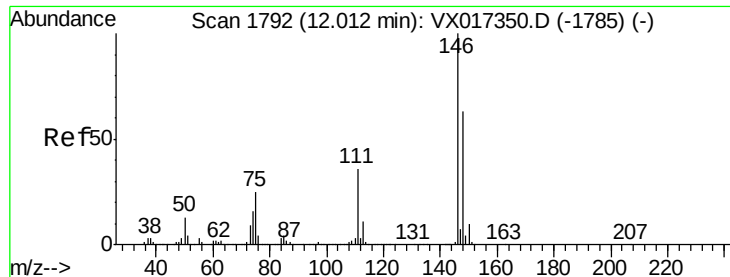
Tot Ion:105 Resp: 31058
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.8 68.4



#86
 p-Isopropyltoluene
 Concen: 1.691 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Tgt Ion:119 Resp: 27444
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.5
 91 28.8 11.8 35.3

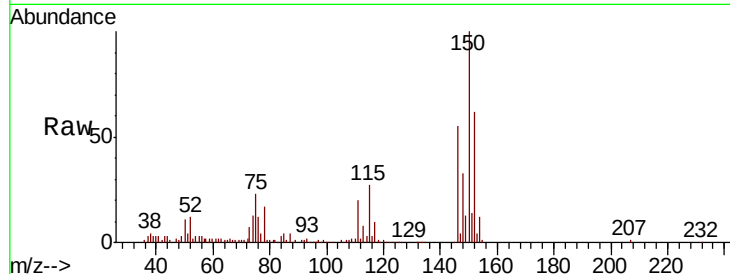




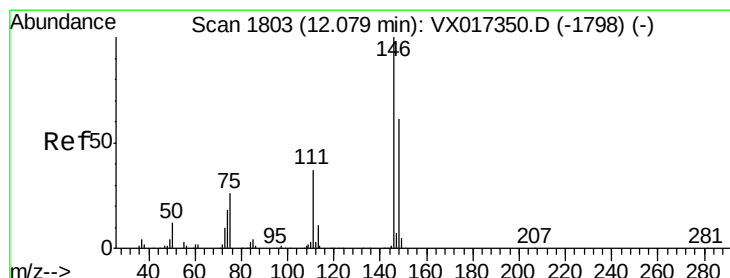
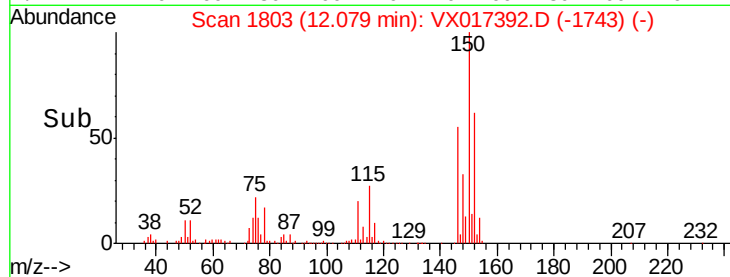
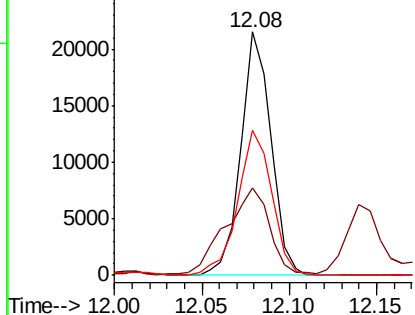
#87
 1,3-Dichlorobenzene
 Concen: 2.833 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.07 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

Tot Ion:146 Resp: 25779
 Ion Ratio Lower Upper
 146 100
 111 51.7 19.2 57.6
 148 67.3 31.6 95.0

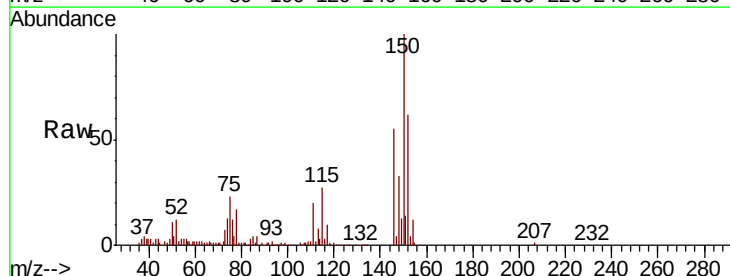


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

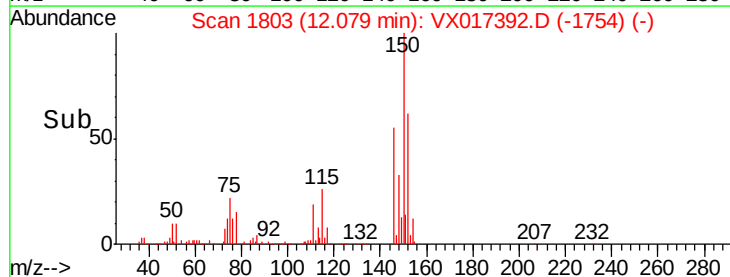
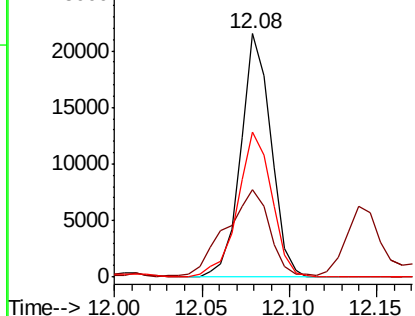


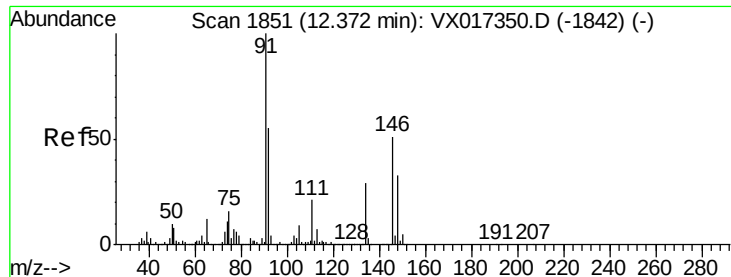
#88
 1,4-Dichlorobenzene
 Concen: 2.804 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Tgt Ion:146 Resp: 25779
 Ion Ratio Lower Upper
 146 100
 111 51.7 18.9 56.9
 148 67.3 31.9 95.9



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: 0.292 ug/l

RT: 12.56 min Scan# 1882

Delta R.T. 0.19 min

Lab File: VX017392.D

Acq: 16 Jul 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

200715084-02-VOA

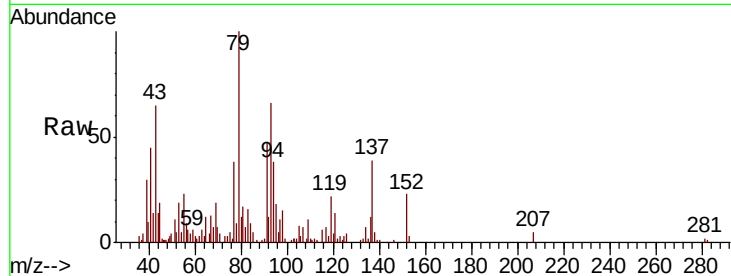
Tot Ion: 91 Resp: 4044

Ion Ratio Lower Upper

91 100

92 27.5 27.0 81.0

134 33.5 14.1 42.2

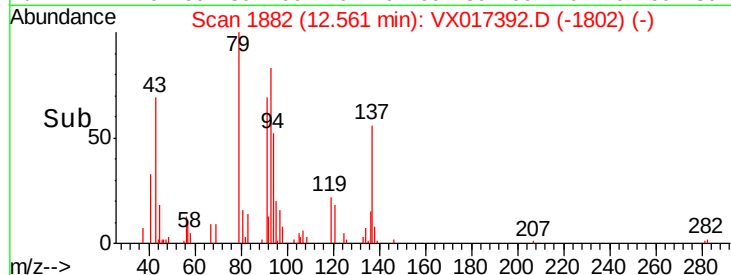


Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1842) (-)

Ion 92.00 (91.70 to 92.70): VX017350.D (-1842) (-)

Ion 134.00 (133.70 to 134.70): VX017350.D (-1842) (-)

Time-->

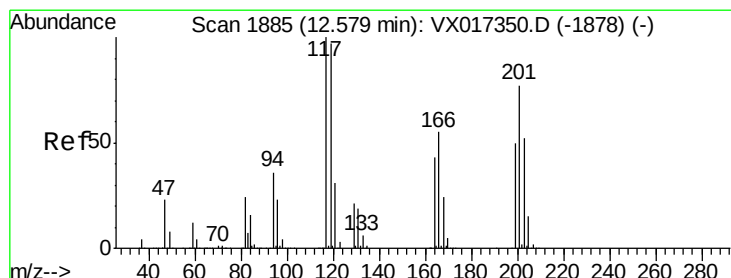


Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1842) (-)

Ion 92.00 (91.70 to 92.70): VX017350.D (-1842) (-)

Ion 134.00 (133.70 to 134.70): VX017350.D (-1842) (-)

Time-->



#90

Hexachloroethane

Concen: 0.307 ug/l

RT: 12.56 min Scan# 1882

Delta R.T. -0.02 min

Lab File: VX017392.D

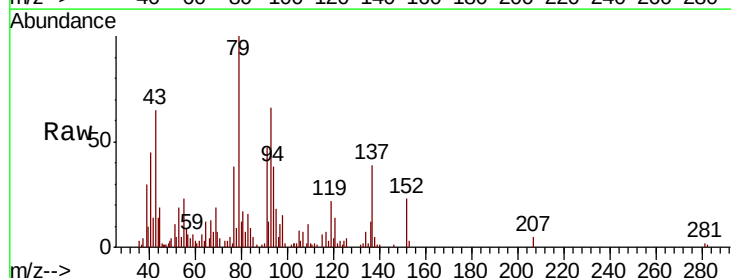
Acq: 16 Jul 2020 15:43

Tgt Ion: 117 Resp: 945

Ion Ratio Lower Upper

117 100

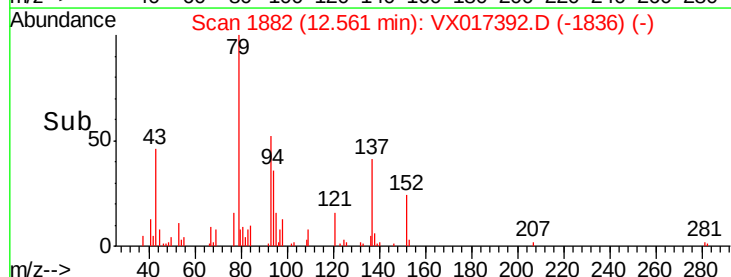
201 0.0 41.0 123.0#



Abundance Ion 116.80 (116.50 to 117.50): VX017350.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017350.D (-1878) (-)

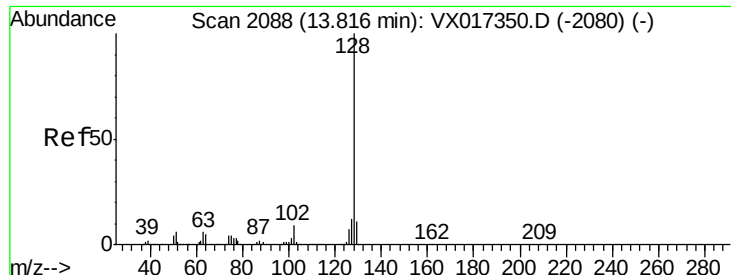
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX017350.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017350.D (-1878) (-)

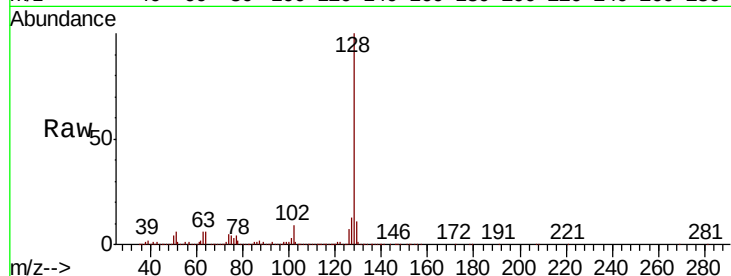
Time-->



#95
 Naphthalene
 Concen: 19.169 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017392.D
 Acq: 16 Jul 2020 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 200715084-02-VOA

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.9	13.3



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

