

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035818.D
 Acq On : 23 May 2023 16:52
 Operator : JC/MD
 Sample : 02830-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEMI-ANNUAL-CONDENSATE

Quant Time: May 24 05:50:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.898	128	33368	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	196150	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	177002	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	86470	31.188	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	11.079	95	92643	31.192	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.967%
63) Toluene-d8	8.647	98	238729	30.509	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.700%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	7646	6.167	ug/l	98
13) Acrolein	2.508	56	357	0.956	ug/l	89
14) Acrylonitrile	3.014	53	16284	13.744	ug/l #	1
15) Acetone	2.398	58	906842	2558.847	ug/l	98
16) Carbon Disulfide	2.514	76	2316	0.638	ug/l #	94
17) Allyl chloride	2.678	41	93354	27.665	ug/l #	38
22) cis-1,2-Dichloroethene	4.489	96	1740	0.746	ug/l #	60
23) tert-Butyl Alcohol	3.014	59	3256570	7529.720	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	15451	2.292	ug/l #	53
29) 1,1-Dichloropropene	5.690	75	681	0.249	ug/l #	56
30) 2-Butanone	4.574	43	5963341	3335.109	ug/l	99
31) 2,2-Dichloropropane	4.617	77	451462	153.843	ug/l #	53
34) Benzene	6.038	78	270396	31.380	ug/l	98
36) 1,2-Dichloroethane	6.031	62	2453	0.731	ug/l #	76
44) Isopropyl Acetate	6.275	43	32857	5.911	ug/l #	59
45) 1,4-Dioxane	7.714	88	81984	1552.887	ug/l	94
47) n-amyl Acetate	10.799	43	15290	3.275	ug/l #	1
49) cis-1,3-Dichloropropene	8.348	75	722	0.209	ug/l #	73
56) Bromoform	11.085	173	729	0.546	ug/l #	1
58) 4-Methyl-2-Pentanone	8.574	43	245987	71.549	ug/l	99
59) 2-Hexanone	9.433	43	102376	39.574	ug/l	95
62) Toluene	8.720	91	910607	99.900	ug/l	99
64) Chlorobenzene	10.080	112	62999	10.913	ug/l	90
66) Ethyl Benzene	10.195	91	520492	51.058	ug/l	98
67) m/p-Xylenes	10.299	106	200076	51.852	ug/l	99
68) o-Xylene	10.640	106	110748	28.694	ug/l	100
69) Styrene	10.653	104	28582	4.487	ug/l #	46
70) Isopropylbenzene	10.964	105	67107	6.812	ug/l	100
73) Bromobenzene	11.201	156	802	0.335	ug/l #	1
74) n-propylbenzene	11.305	91	53518	4.557	ug/l	99
75) 2-Chlorotoluene	11.378	91	40890	5.669	ug/l	84
76) 1,3,5-Trimethylbenzene	11.451	105	107559	12.855	ug/l	100
77) t-1,4-Dichloro-2-butene	10.586	75	268	0.292	ug/l	62
78) 4-Chlorotoluene	11.451	91	14442	1.757	ug/l	50
79) tert-butylbenzene	11.969	119	30054	3.721	ug/l	83
80) 1,2,4-Trimethylbenzene	11.750	105	390423	46.431	ug/l	98
81) sec-Butylbenzene	11.750	105	390423	38.283	ug/l	58
82) p-Isopropyltoluene	12.012	119	2156506	254.176	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	3777	0.834	ug/l	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

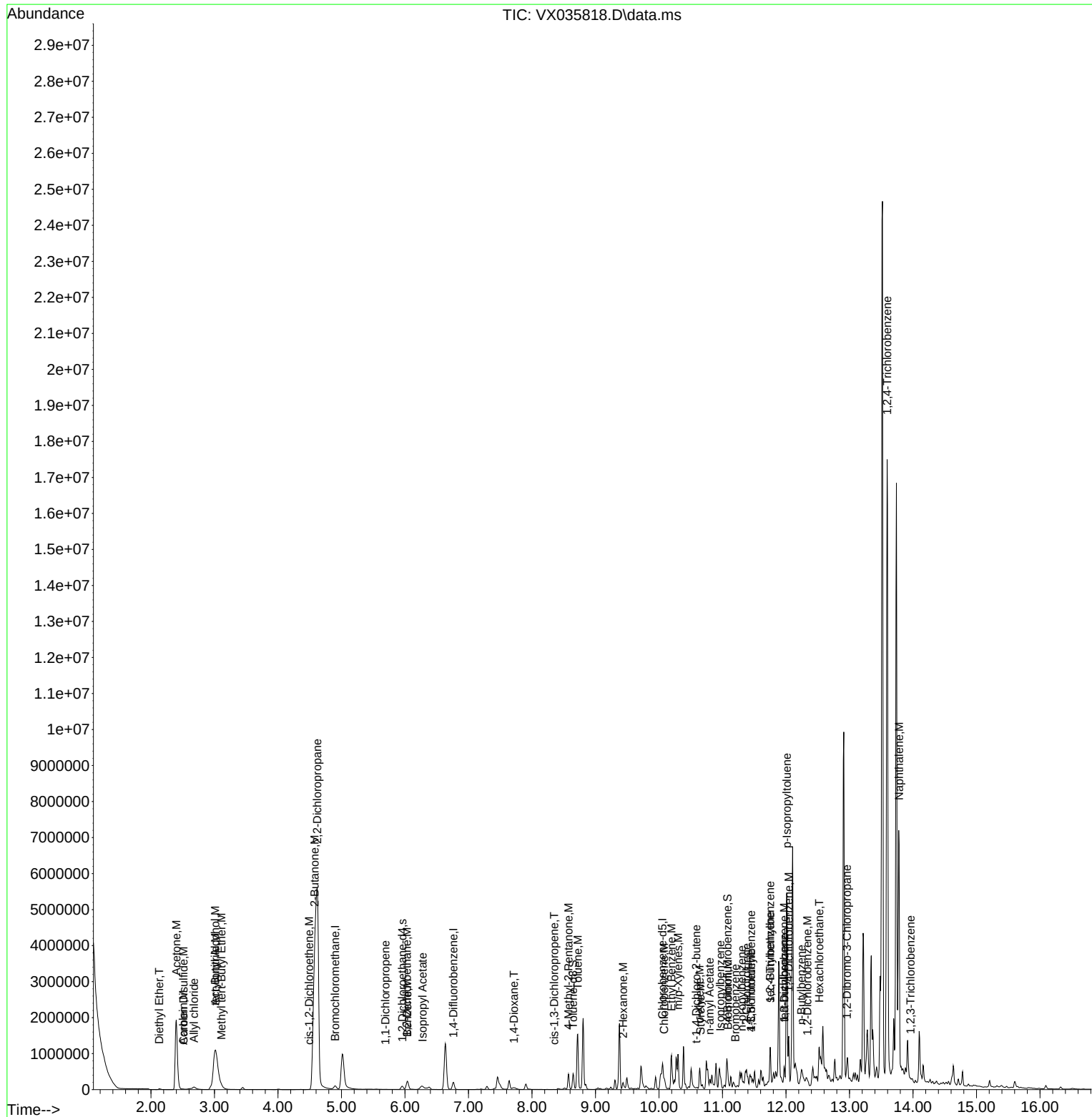
84) 1,4-Dichlorobenzene	12.043	146	364873	80.250	ug/l	100
85) n-Butylbenzene	12.244	91	26578	3.521	ug/l	59
86) Hexachloroethane	12.524	117	7458	5.582	ug/l #	14
87) 1,2-Dichlorobenzene	12.335	146	15173	3.419	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	12.957	75	2190	3.284	ug/l #	16
89) 1,2,4-Trichlorobenzene	13.591	180	3949	1.485	ug/l #	81
91) Naphthalene	13.780	128	2859969	310.708	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	2171	0.817	ug/l #	68

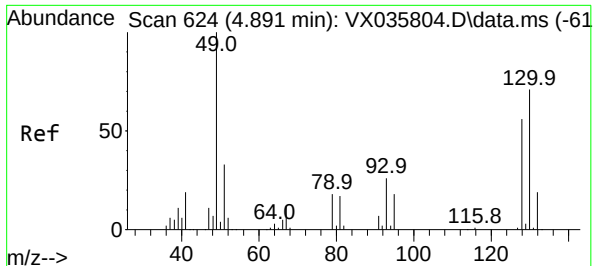
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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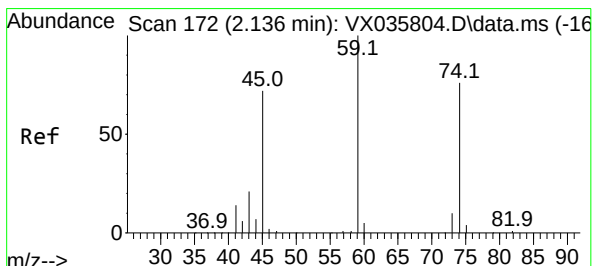
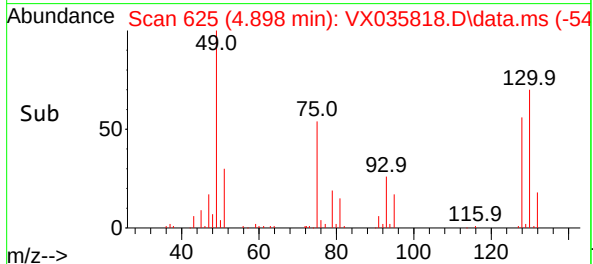
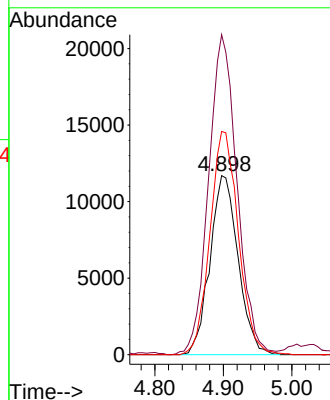
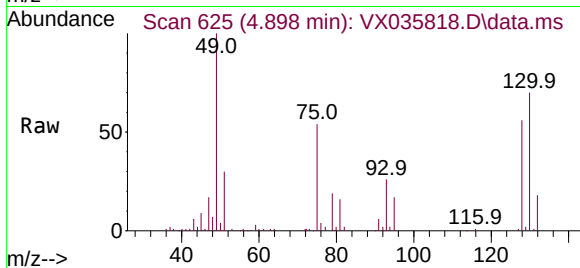




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

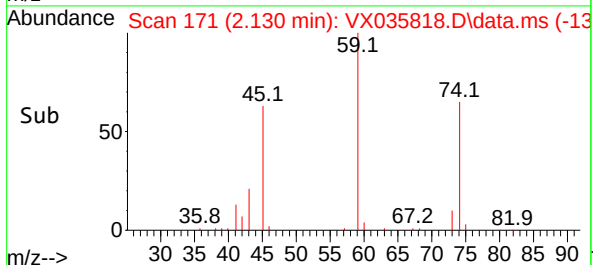
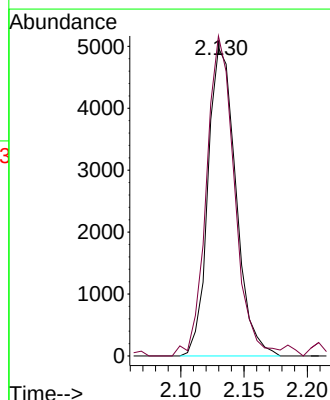
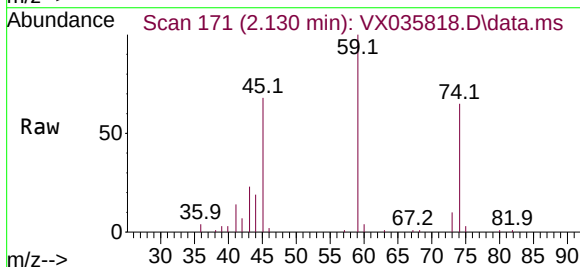
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

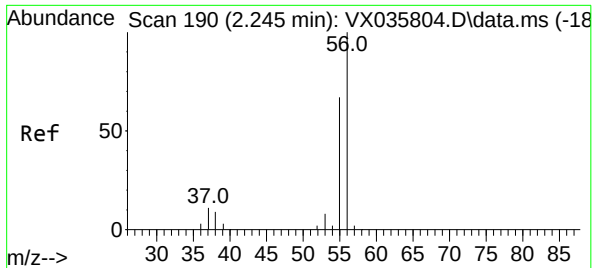
Tgt Ion:128 Resp: 33368
Ion Ratio Lower Upper
128 100
49 180.7 0.0 428.8
130 126.0 0.0 310.8



#8
Diethyl Ether
Concen: 6.167 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 74 Resp: 7646
Ion Ratio Lower Upper
74 100
45 104.3 20.5 184.5





#13

Acrolein

Concen: 0.956 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.262 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

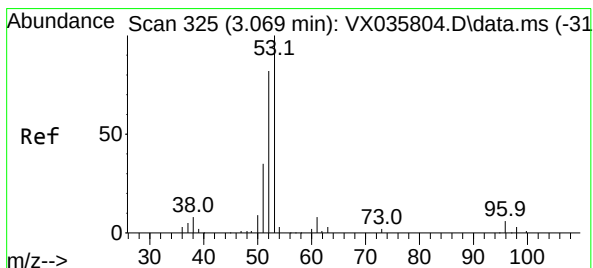
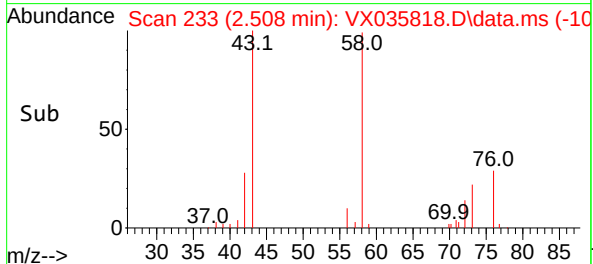
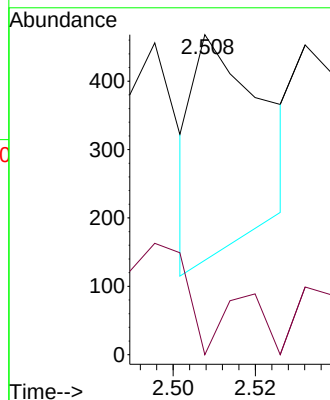
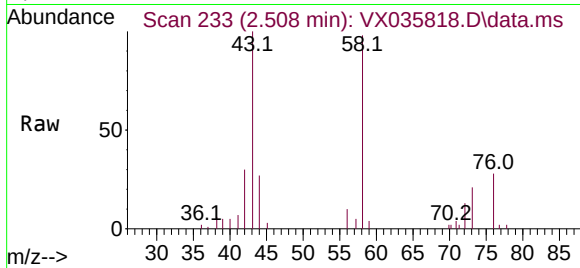
SEMI-ANNUAL-CONDENSATE

Tgt Ion: 56 Resp: 357

Ion Ratio Lower Upper

56 100

55 61.3 56.6 85.0



#14

Acrylonitrile

Concen: 13.744 ug/l

RT: 3.014 min Scan# 316

Delta R.T. -0.055 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

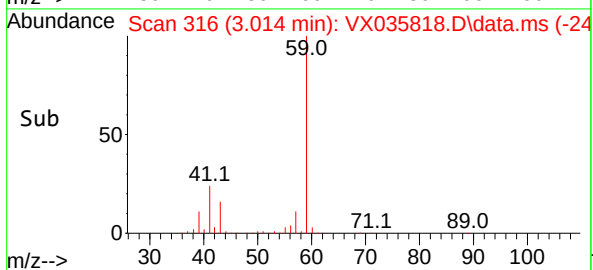
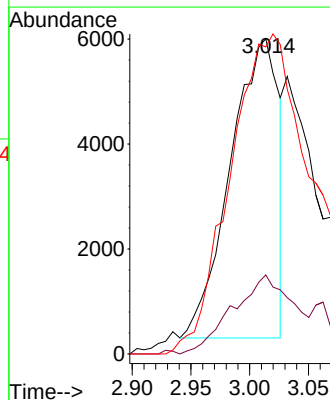
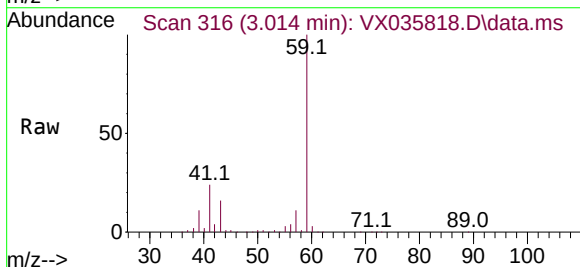
Tgt Ion: 53 Resp: 16284

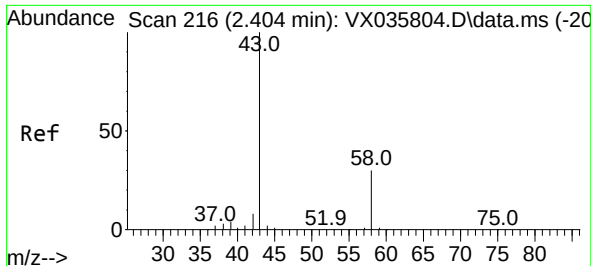
Ion Ratio Lower Upper

53 100

52 33.0 41.3 123.7#

51 174.0 17.9 53.7#





#15

Acetone

Concen: 2558.847 ug/l

RT: 2.398 min Scan# 216

Delta R.T. -0.006 min

Lab File: VX035818.D

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ClientSampleId :

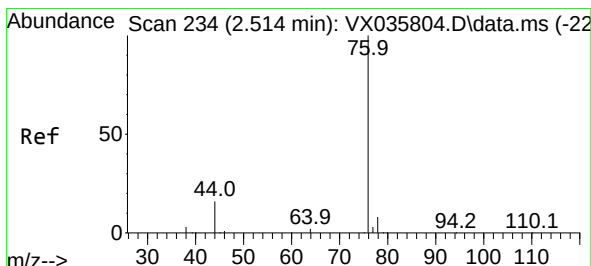
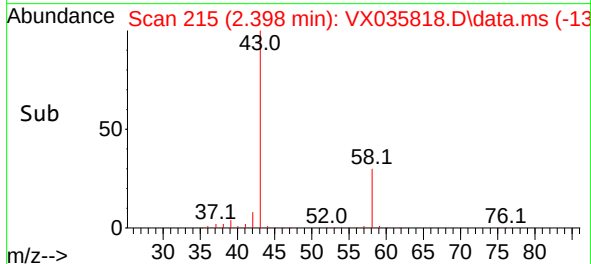
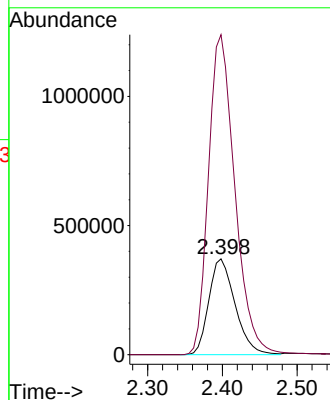
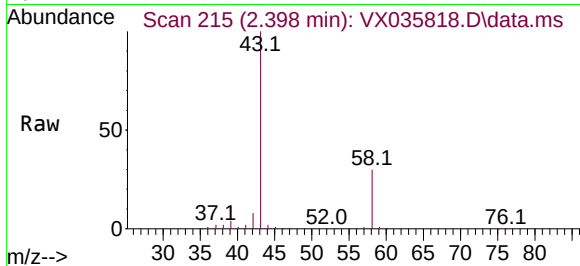
SEMI-ANNUAL-CONDENSATE

Tgt Ion: 58 Resp: 906842

Ion Ratio Lower Upper

58 100

43 333.8 270.8 406.2



#16

Carbon Disulfide

Concen: 0.638 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035818.D

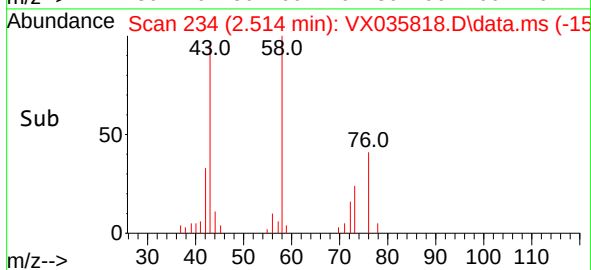
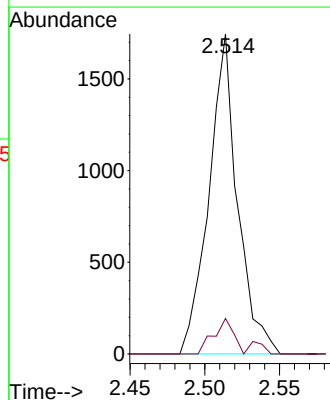
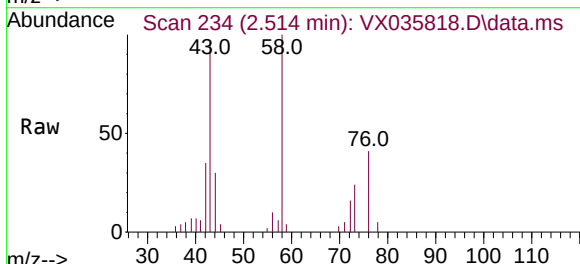
Acq: 23 May 2023 16:52

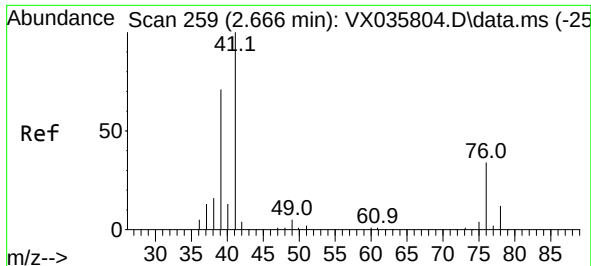
Tgt Ion: 76 Resp: 2316

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.6#





#17

Allyl chloride

Concen: 27.665 ug/l

RT: 2.678 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

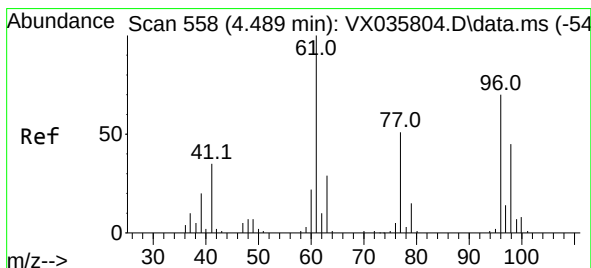
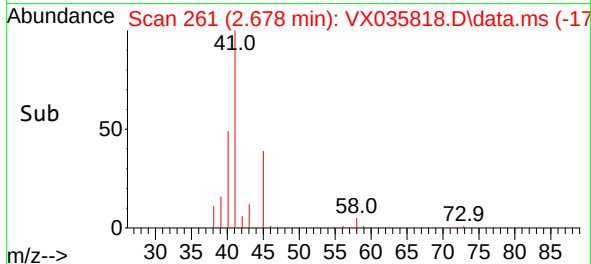
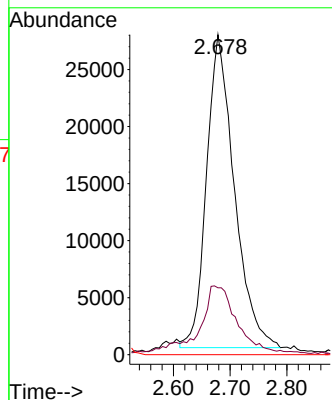
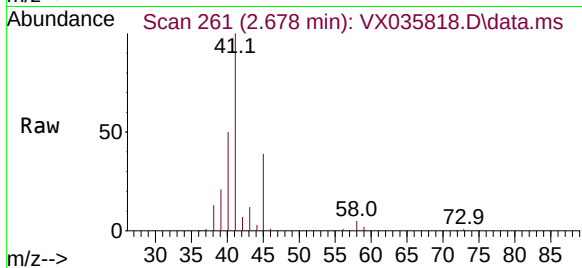
Tgt Ion: 41 Resp: 93354

Ion Ratio Lower Upper

41 100

39 20.0 36.4 109.3#

76 0.0 17.0 51.0#



#22

cis-1,2-Dichloroethene

Concen: 0.746 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035818.D

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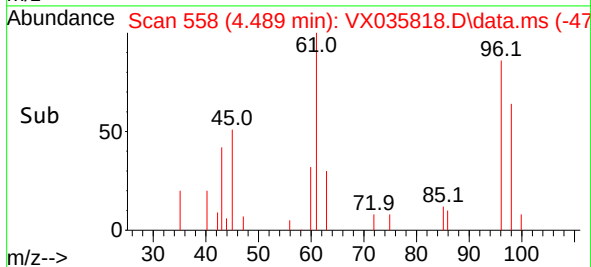
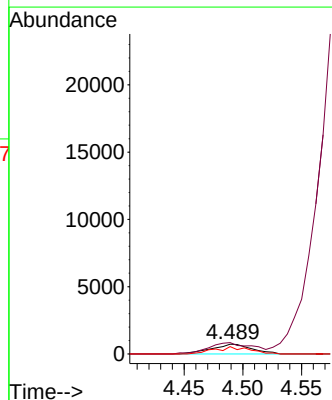
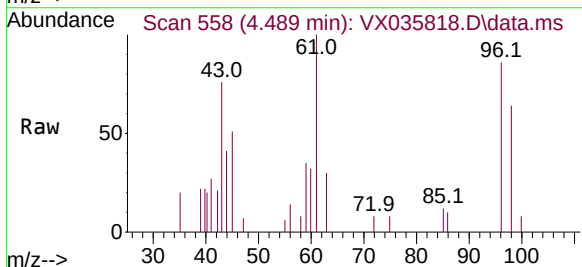
Tgt Ion: 96 Resp: 1740

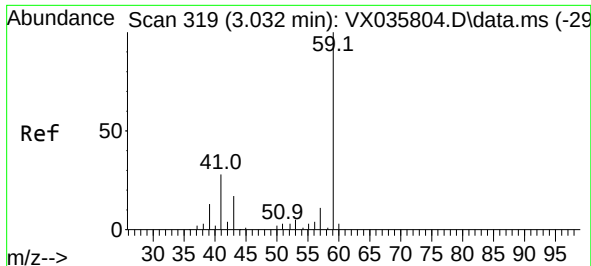
Ion Ratio Lower Upper

96 100

61 96.3 121.7 182.5#

98 40.9 52.2 78.2#

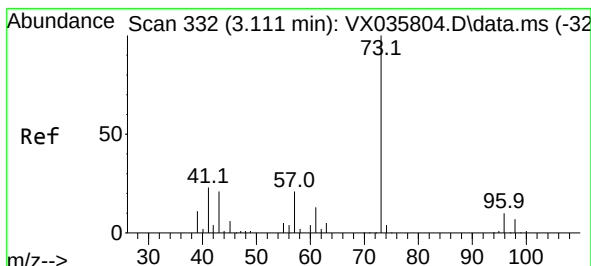
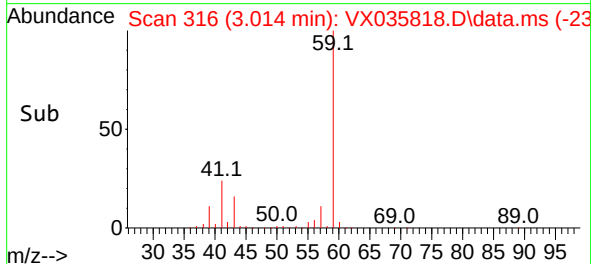
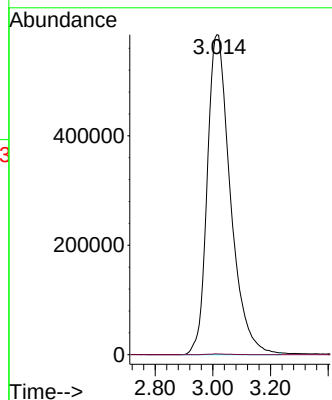
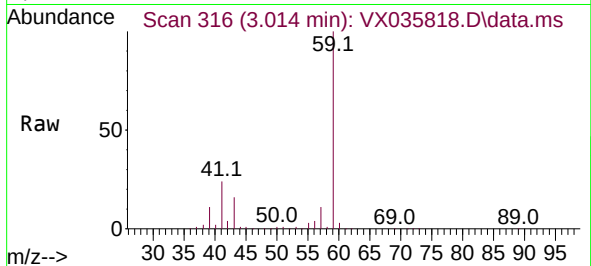




#23
tert-Butyl Alcohol
Concen: 7529.720 ug/l
RT: 3.014 min Scan# 319
Delta R.T. -0.018 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

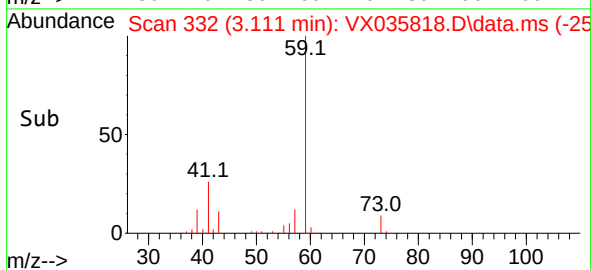
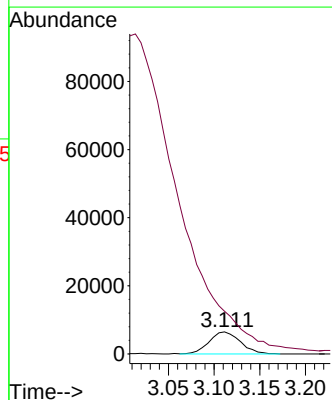
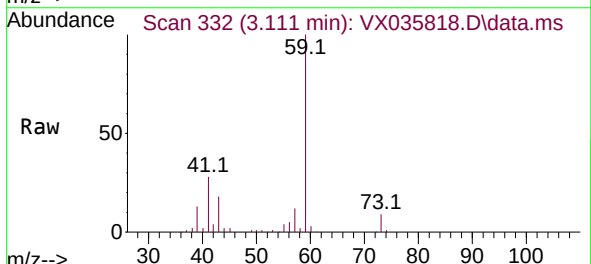
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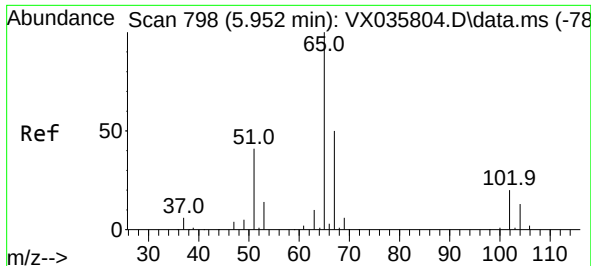
Tgt Ion: 59 Resp: 3256570
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 2.292 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 73 Resp: 15451
Ion Ratio Lower Upper
73 100
43 0.0 17.9 26.9#

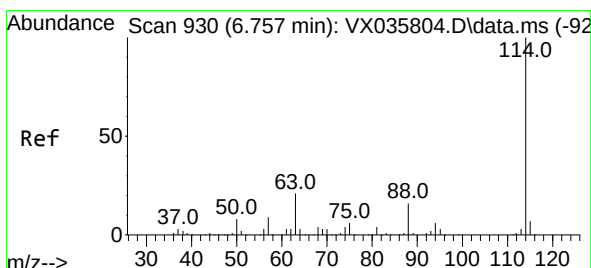
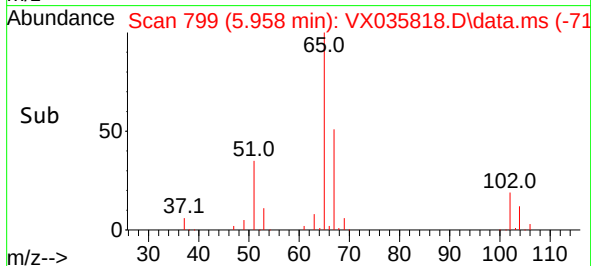
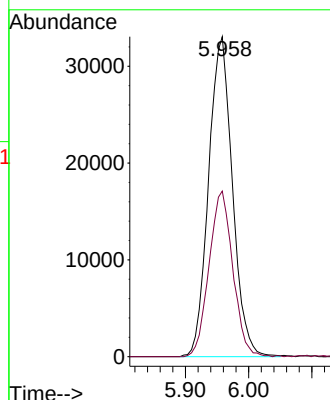
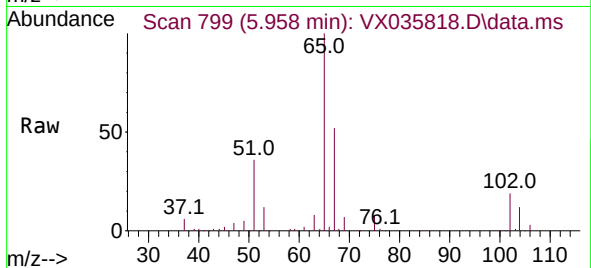




#27
1,2-Dichloroethane-d4
Concen: 31.188 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

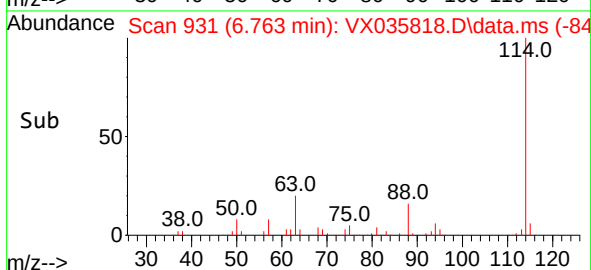
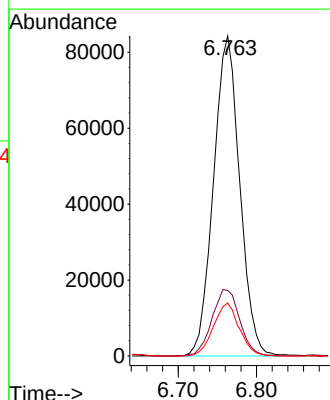
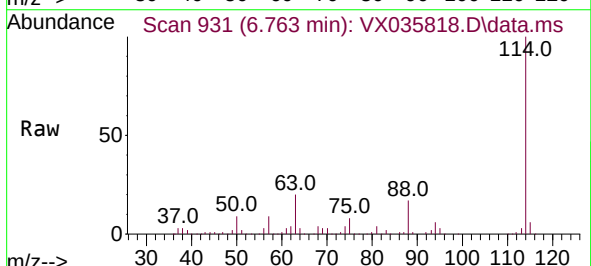
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

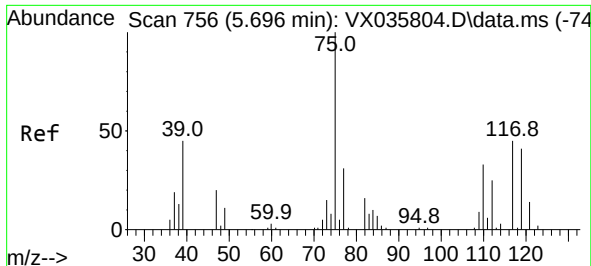
Tgt Ion: 65 Resp: 86470
Ion Ratio Lower Upper
65 100
67 51.5 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 114 Resp: 196150
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.3 13.3 19.9





#29

1,1-Dichloropropene

Concen: 0.249 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

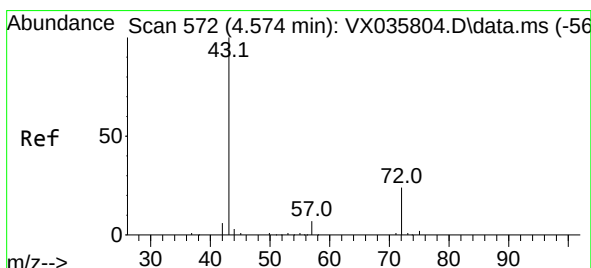
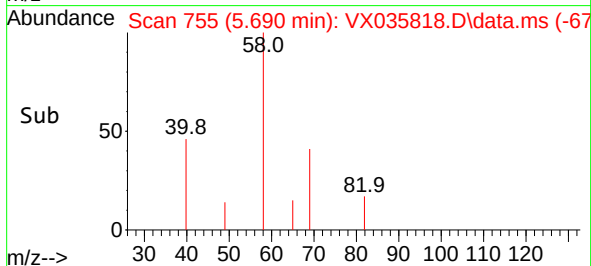
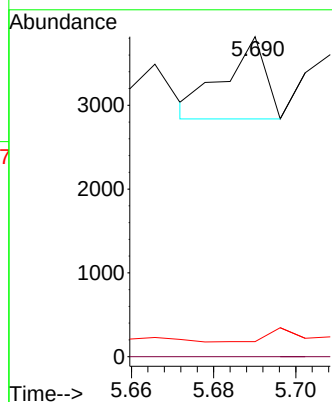
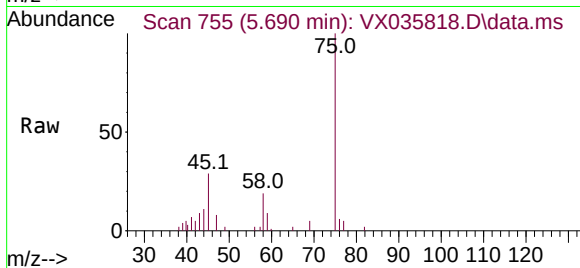
Tgt Ion: 75 Resp: 681

Ion Ratio Lower Upper

75 100

110 0.0 0.0 71.4

77 17.6 0.0 61.6



#30

2-Butanone

Concen: 3335.109 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

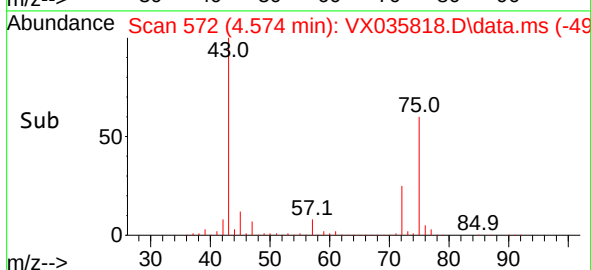
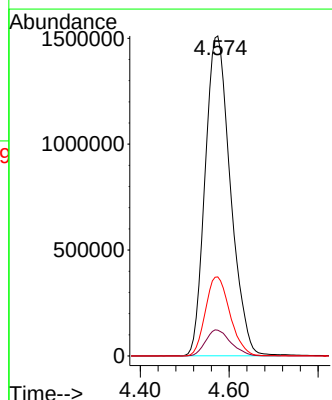
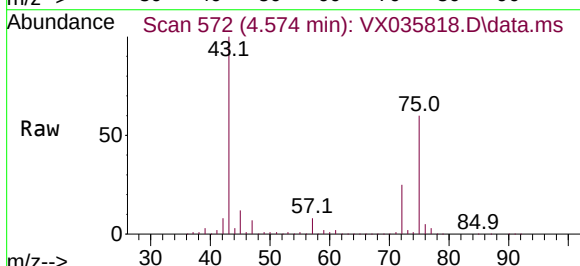
Tgt Ion: 43 Resp: 5963341

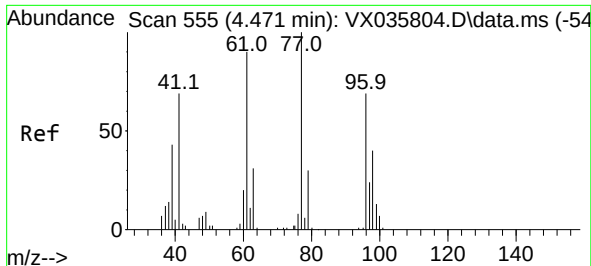
Ion Ratio Lower Upper

43 100

57 8.2 6.3 9.5

72 24.1 19.6 29.4

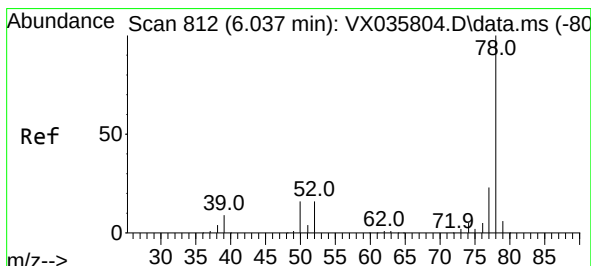
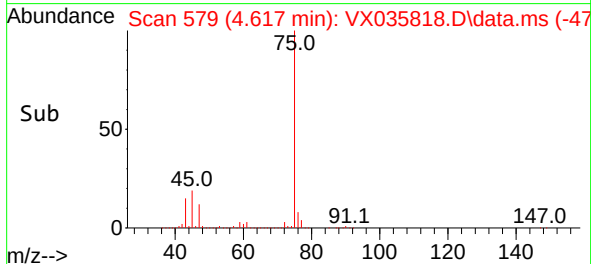
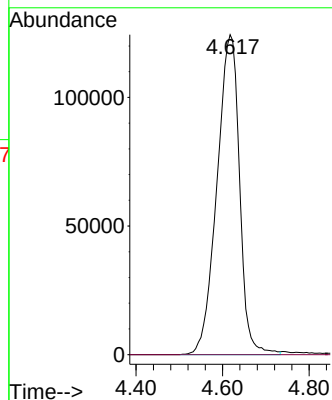
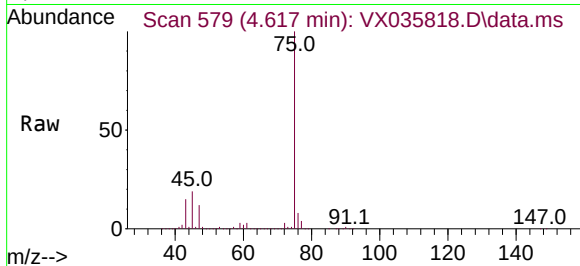




#31
2,2-Dichloropropane
Concen: 153.843 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.146 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

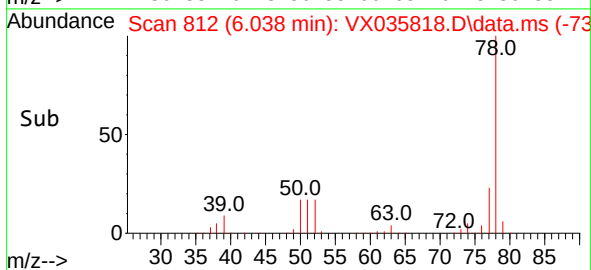
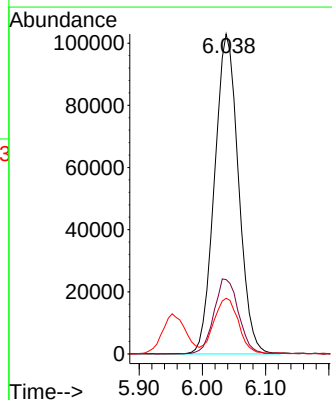
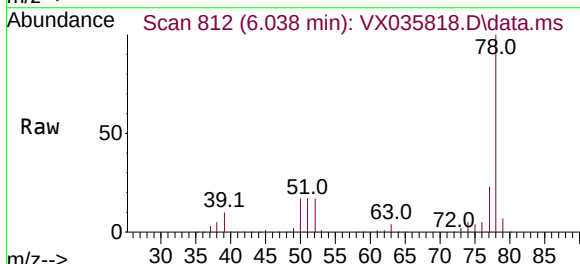
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

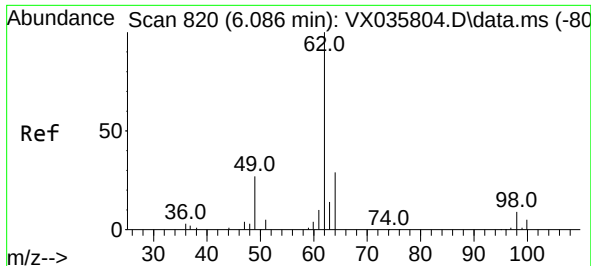
Tgt Ion: 77 Resp: 451462
Ion Ratio Lower Upper
77 100
97 0.0 18.2 27.4#



#34
Benzene
Concen: 31.380 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 78 Resp: 270396
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4
51 17.1 14.6 21.8





#36

1,2-Dichloroethane

Concen: 0.731 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.055 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

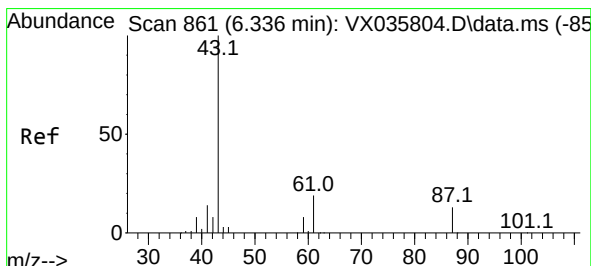
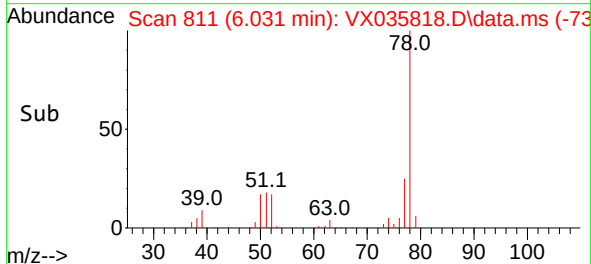
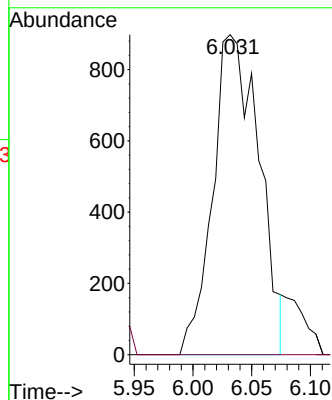
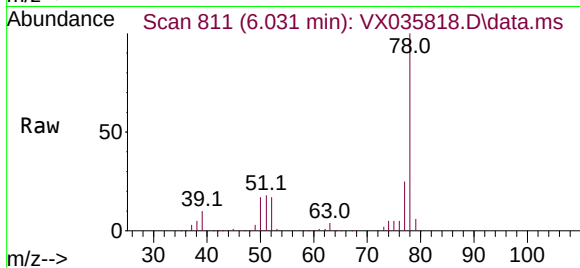
SEMI-ANNUAL-CONDENSATE

Tgt Ion: 62 Resp: 2453

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#44

Isopropyl Acetate

Concen: 5.911 ug/l

RT: 6.275 min Scan# 851

Delta R.T. -0.061 min

Lab File: VX035818.D

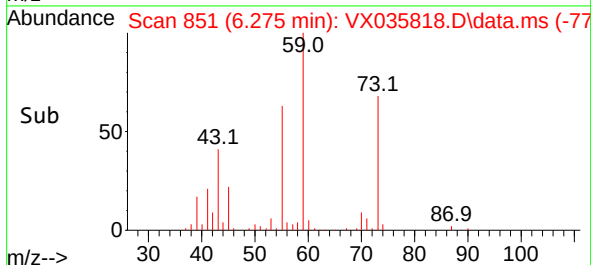
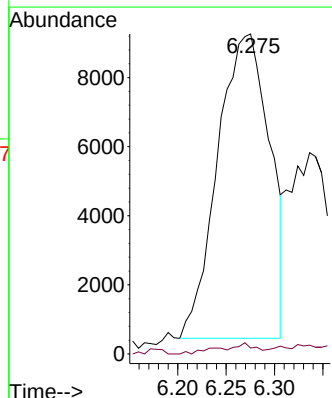
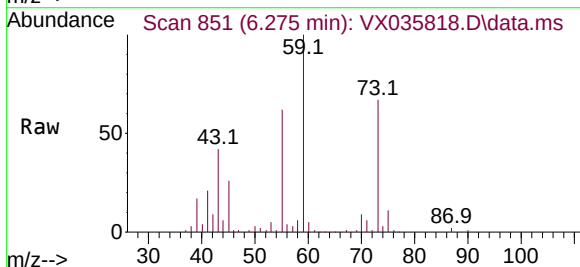
Acq: 23 May 2023 16:52

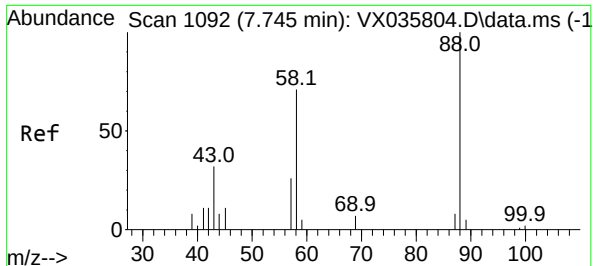
Tgt Ion: 43 Resp: 32857

Ion Ratio Lower Upper

43 100

61 0.6 15.4 23.0#

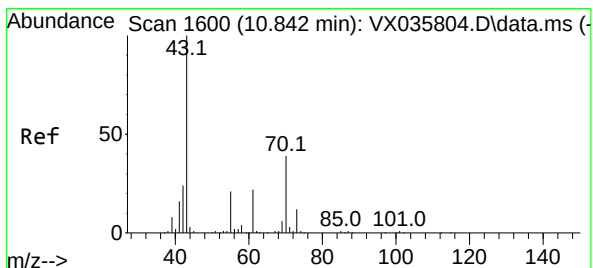
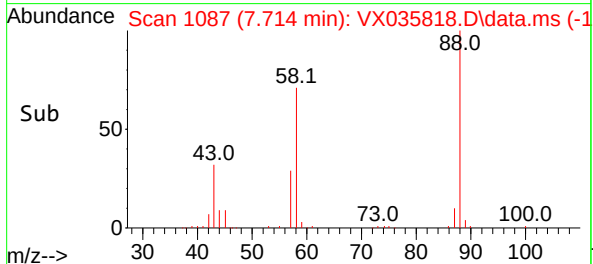
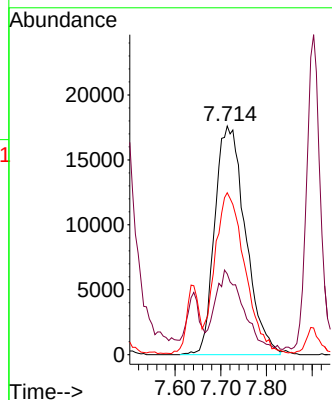
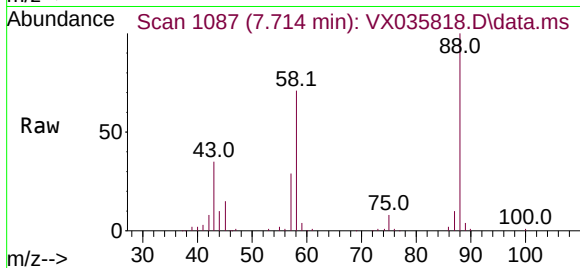




#45
1,4-Dioxane
Concen: 1552.887 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. -0.030 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

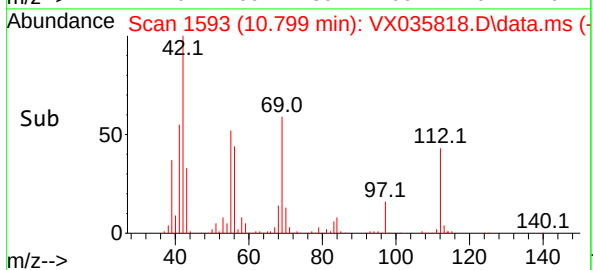
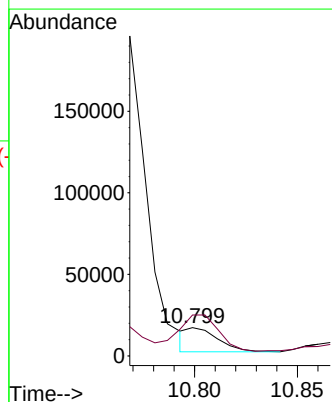
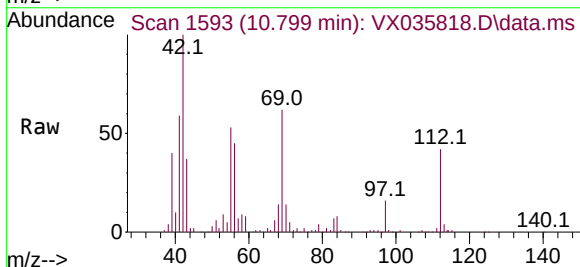
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

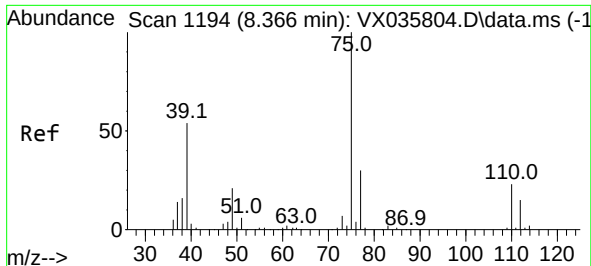
Tgt Ion: 88 Resp: 81984
Ion Ratio Lower Upper
88 100
43 29.8 26.5 39.7
58 65.1 55.6 83.4



#47
n-amy1 Acetate
Concen: 3.275 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.043 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 43 Resp: 15290
Ion Ratio Lower Upper
43 100
55 200.2 18.6 28.0#





#49

cis-1,3-Dichloropropene

Concen: 0.209 ug/l

RT: 8.348 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

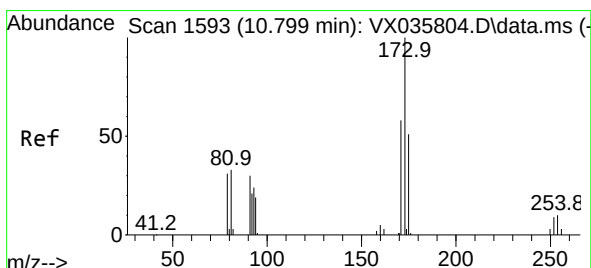
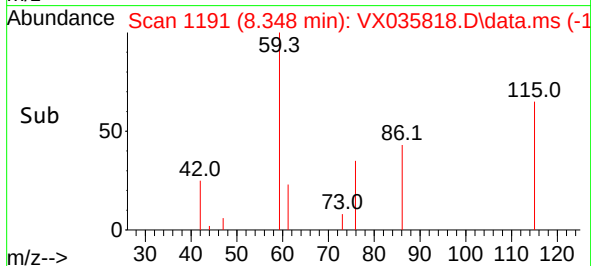
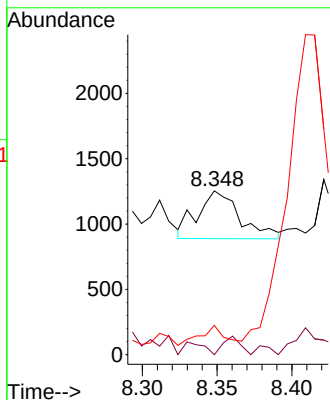
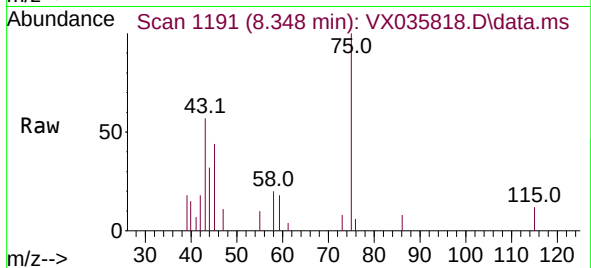
Tgt Ion: 75 Resp: 722

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

39 47.8 44.2 66.2



#56

Bromoform

Concen: 0.546 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.287 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

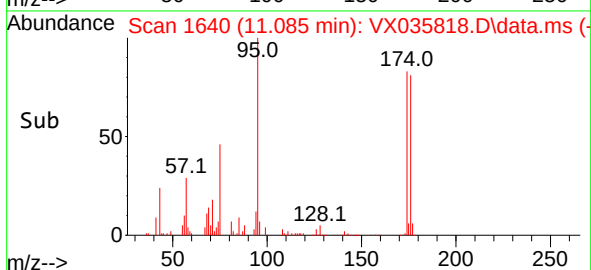
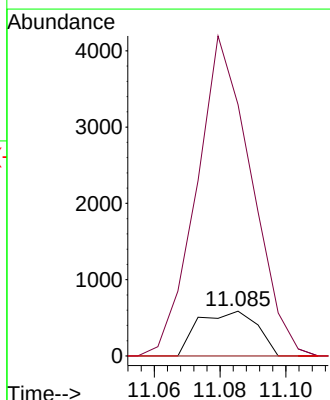
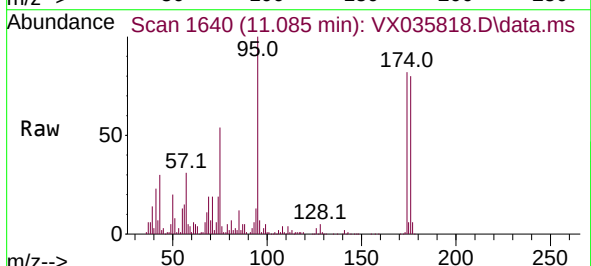
Tgt Ion: 173 Resp: 729

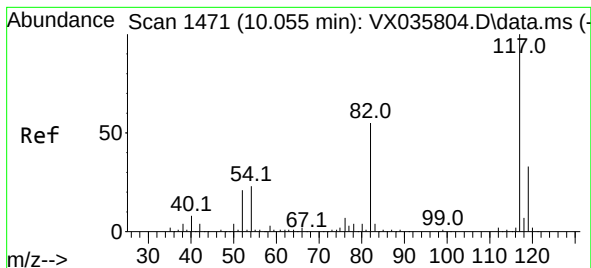
Ion Ratio Lower Upper

173 100

175 667.6 37.0 55.4#

254 0.0 6.7 10.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

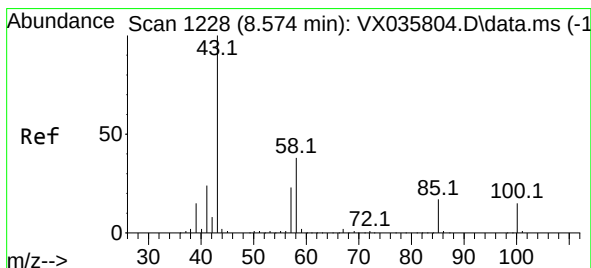
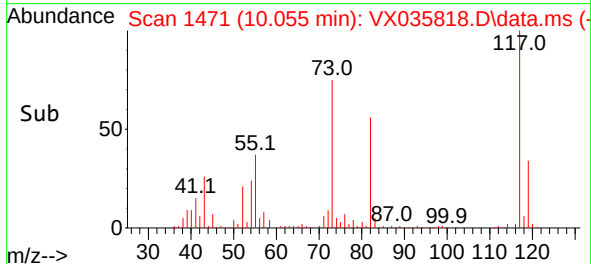
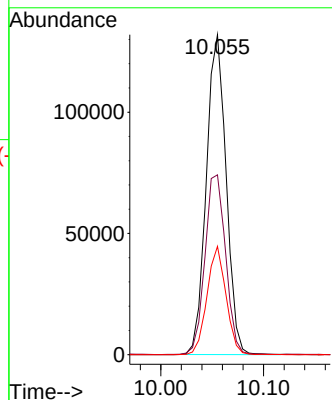
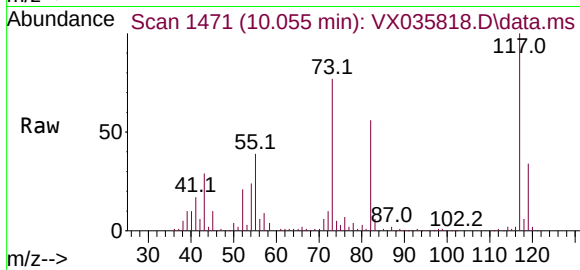
Tgt Ion:117 Resp: 177002

Ion Ratio Lower Upper

117 100

82 58.6 45.8 68.8

119 32.4 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 71.549 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

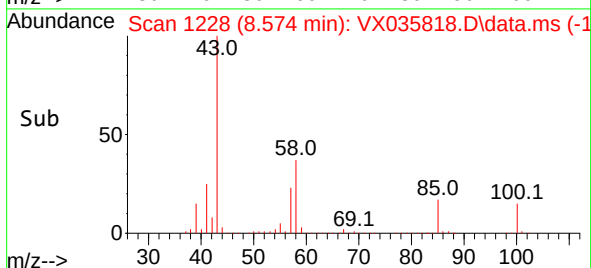
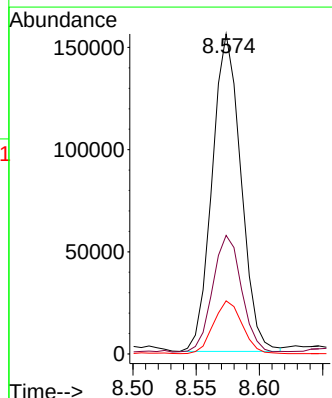
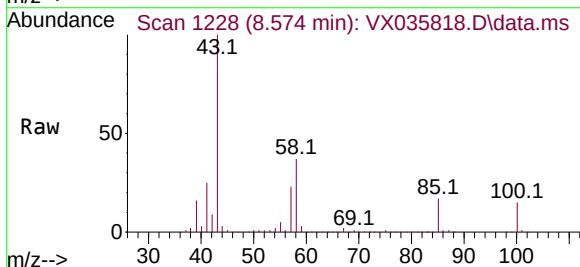
Tgt Ion: 43 Resp: 245987

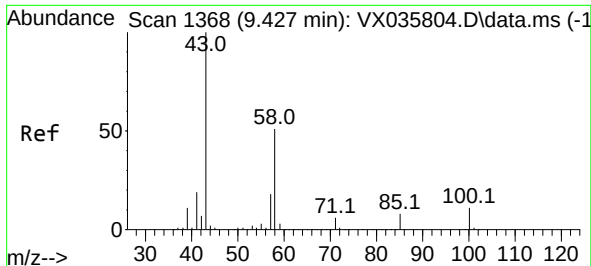
Ion Ratio Lower Upper

43 100

58 38.3 29.9 44.9

85 16.7 13.2 19.8





#59

2-Hexanone

Concen: 39.574 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

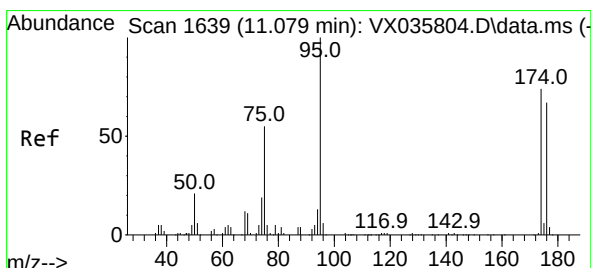
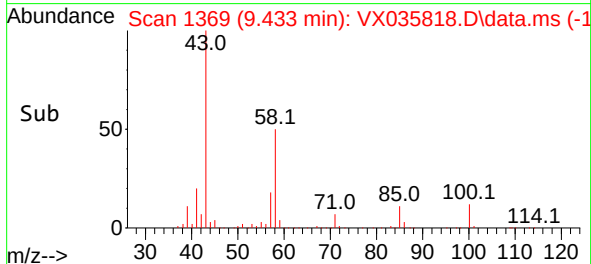
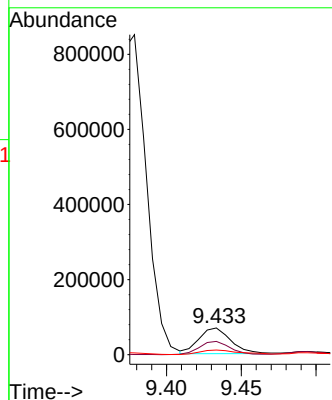
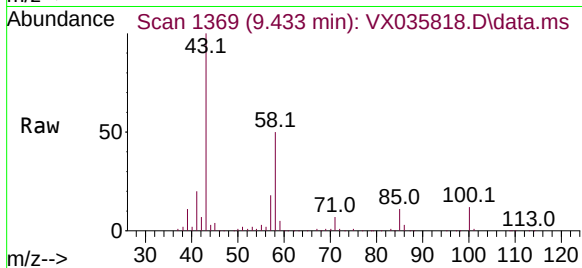
Tgt Ion: 43 Resp: 102376

Ion Ratio Lower Upper

43 100

58 49.5 41.7 62.5

57 21.7 14.7 22.1



#60

4-Bromofluorobenzene

Concen: 31.192 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

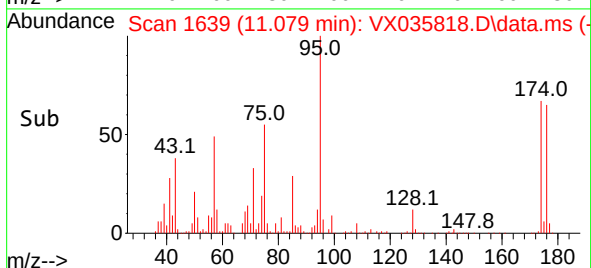
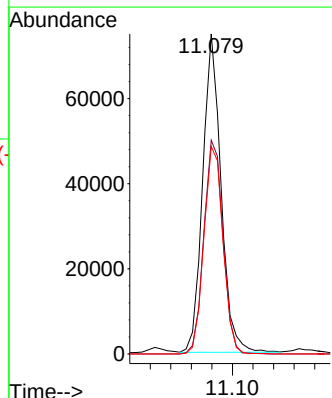
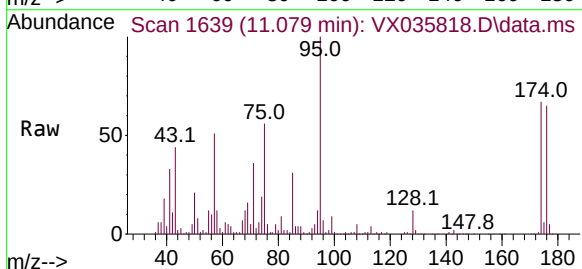
Tgt Ion: 95 Resp: 92643

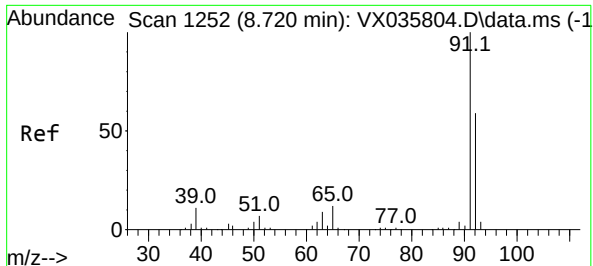
Ion Ratio Lower Upper

95 100

174 70.0 0.2 0.4#

176 67.7 0.2 0.2#





#62

Toluene

Concen: 99.900 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

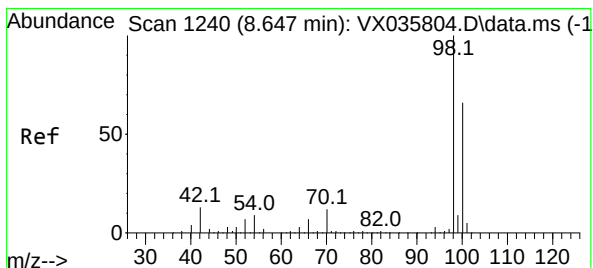
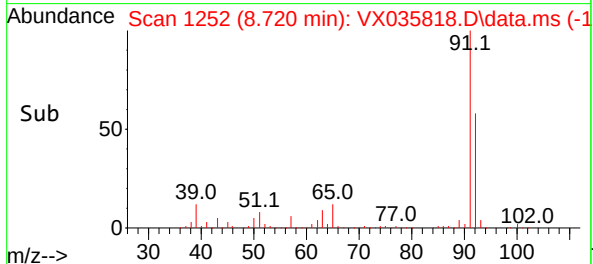
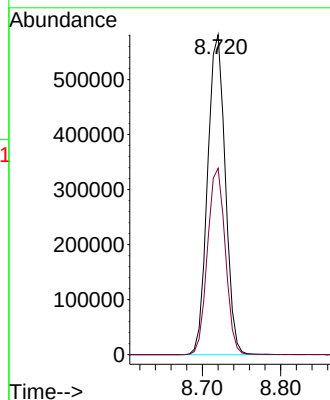
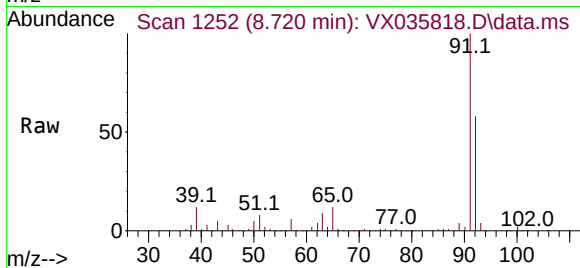
SEMI-ANNUAL-CONDENSATE

Tgt Ion: 91 Resp: 910607

Ion Ratio Lower Upper

91 100

92 58.7 46.5 69.7



#63

Toluene-d8

Concen: 30.509 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035818.D

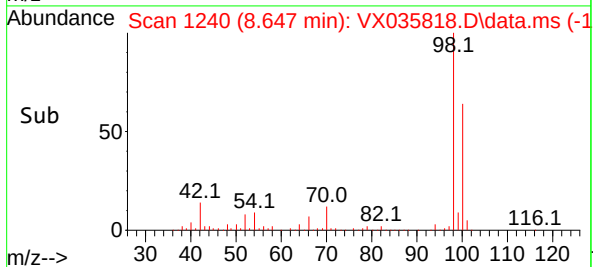
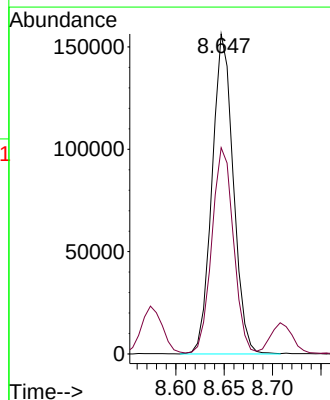
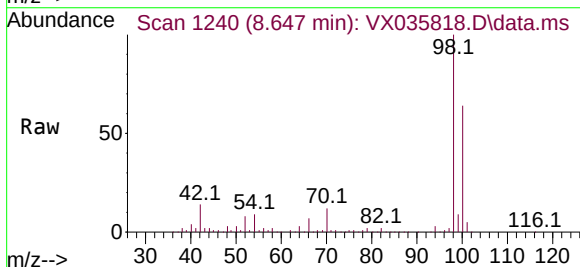
Acq: 23 May 2023 16:52

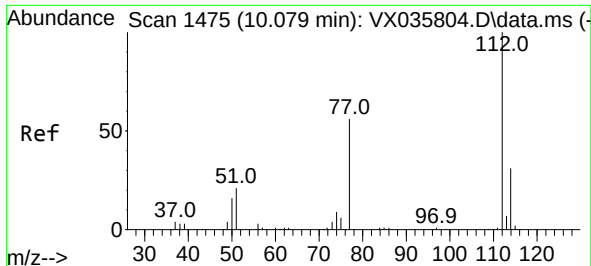
Tgt Ion: 98 Resp: 238729

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#64

Chlorobenzene

Concen: 10.913 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

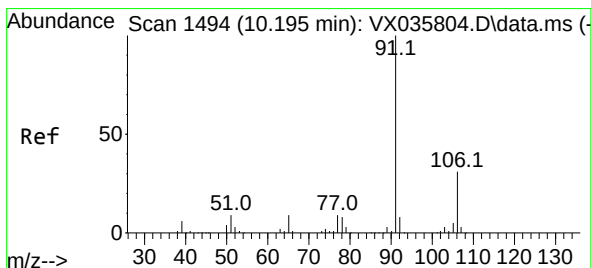
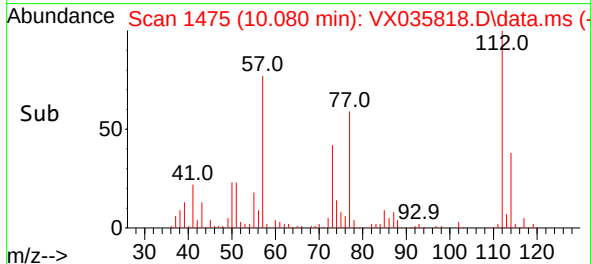
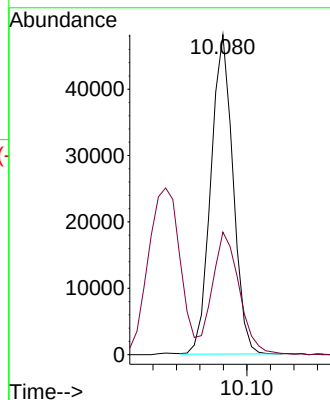
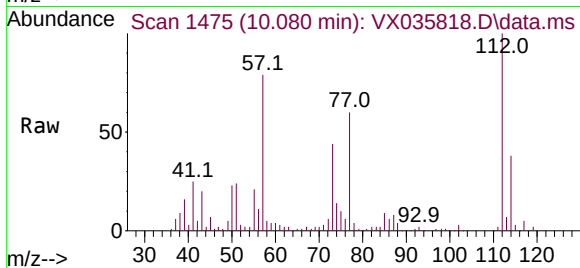
SEMI-ANNUAL-CONDENSATE

Tgt Ion:112 Resp: 62999

Ion Ratio Lower Upper

112 100

114 38.0 25.8 38.8



#66

Ethyl Benzene

Concen: 51.058 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035818.D

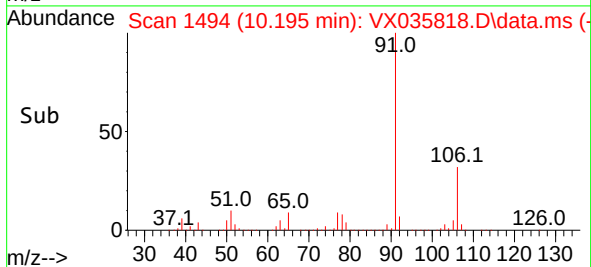
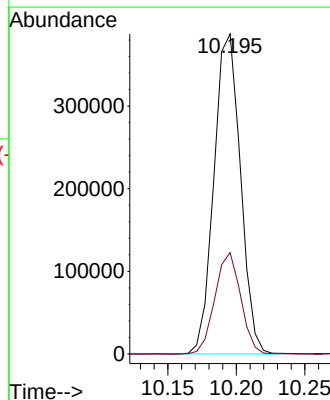
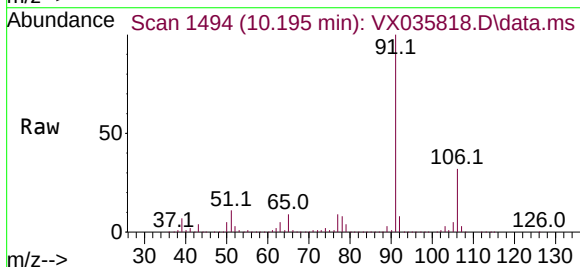
Acq: 23 May 2023 16:52

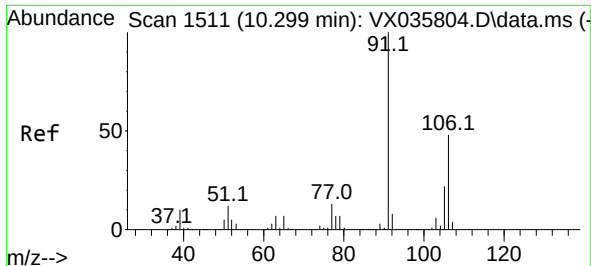
Tgt Ion: 91 Resp: 520492

Ion Ratio Lower Upper

91 100

106 31.7 24.4 36.6





#67

m/p-Xylenes

Concen: 51.852 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

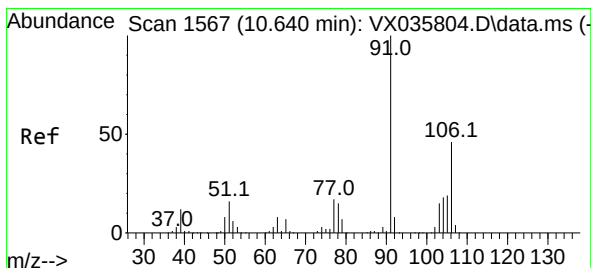
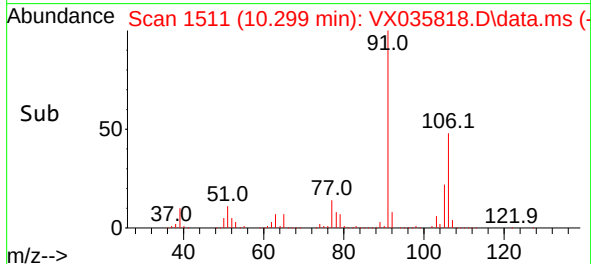
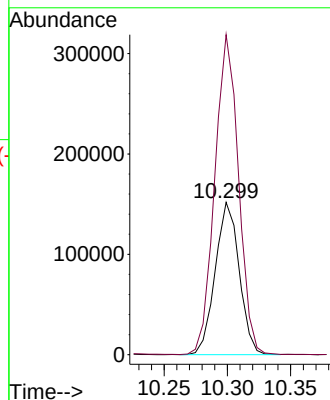
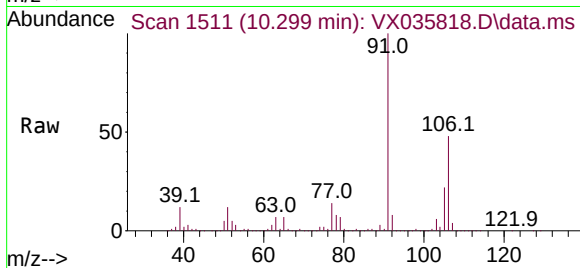
SEMI-ANNUAL-CONDENSATE

Tgt Ion:106 Resp: 200076

Ion Ratio Lower Upper

106 100

91 207.9 167.4 251.2



#68

o-Xylene

Concen: 28.694 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035818.D

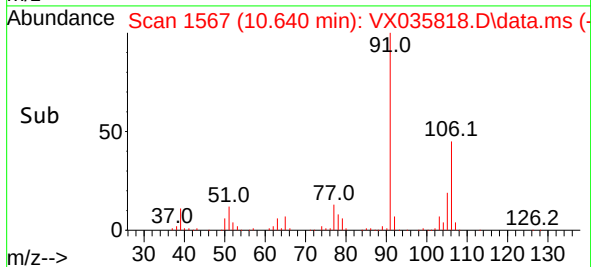
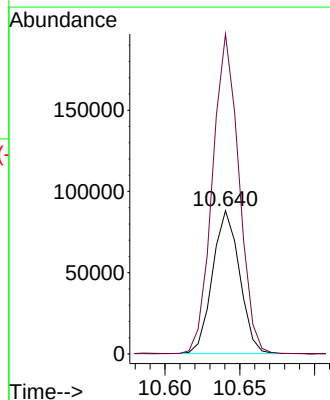
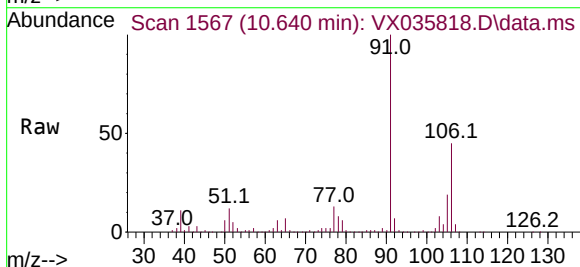
Acq: 23 May 2023 16:52

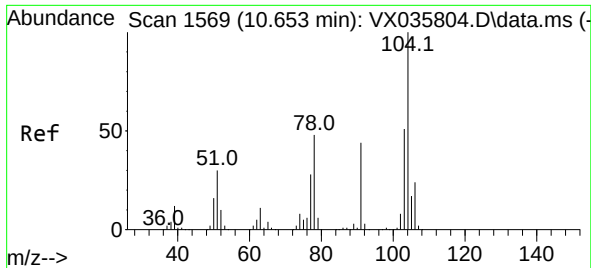
Tgt Ion:106 Resp: 110748

Ion Ratio Lower Upper

106 100

91 218.5 108.9 326.8

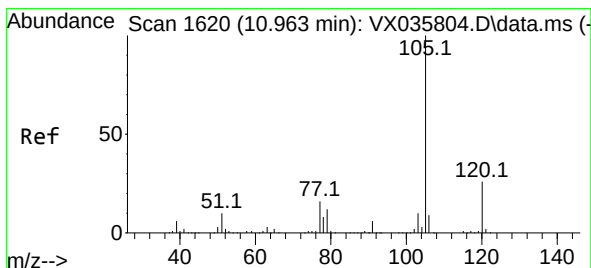
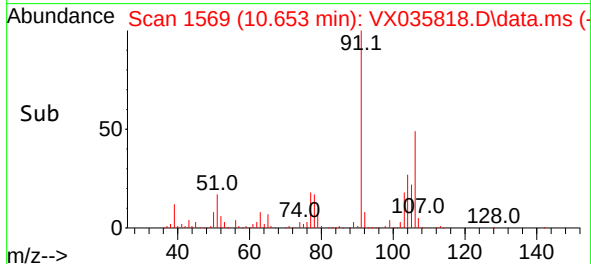
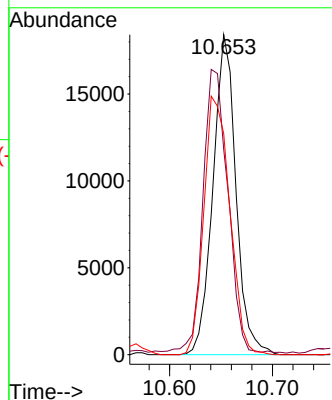
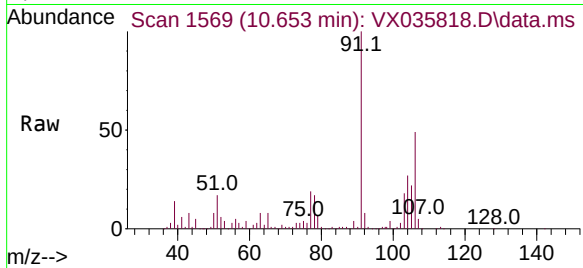




#69
Styrene
Concen: 4.487 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

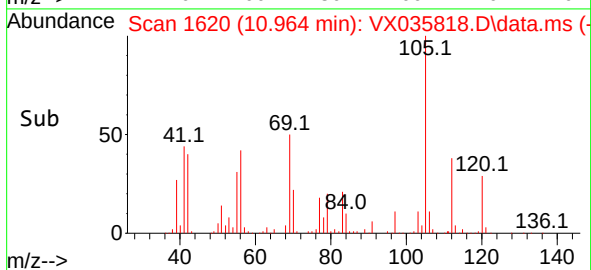
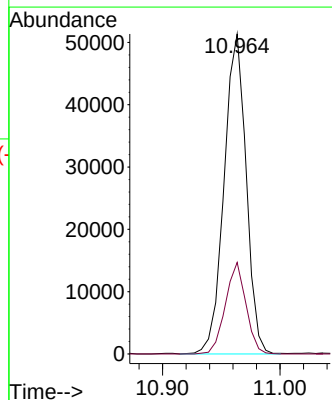
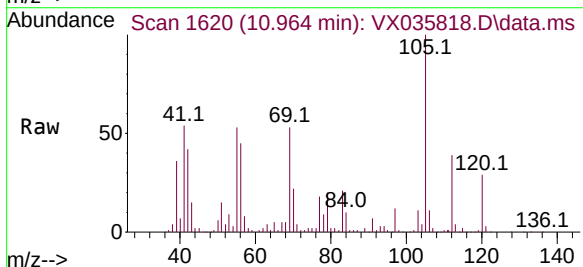
Instrument : MSVOA_X
ClientSampleId : SEMI-ANNUAL-CONDENSATE

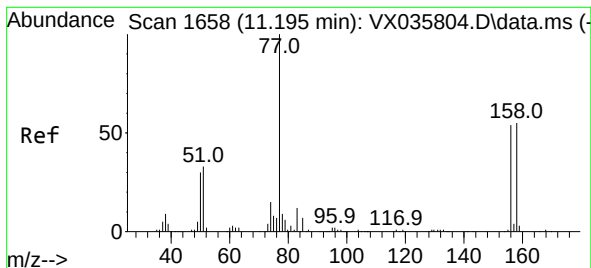
Tgt Ion:104 Resp: 28582
Ion Ratio Lower Upper
104 100
78 94.8 42.8 64.2#
103 91.3 43.8 65.8#



#70
Isopropylbenzene
Concen: 6.812 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion:105 Resp: 67107
Ion Ratio Lower Upper
105 100
120 26.5 18.5 34.3





#73

Bromobenzene

Concen: 0.335 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

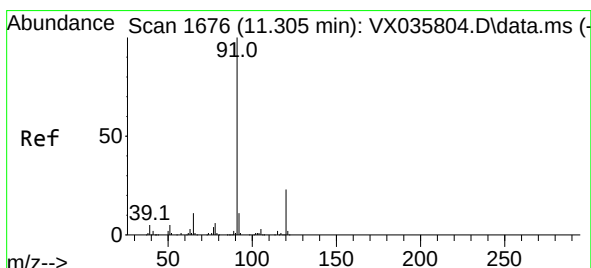
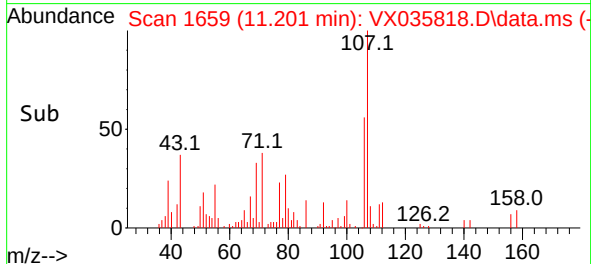
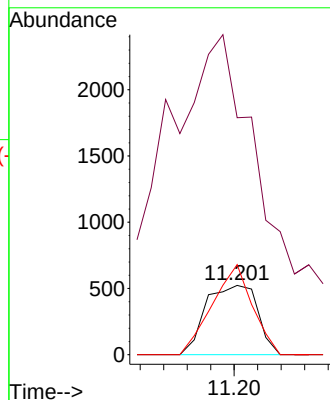
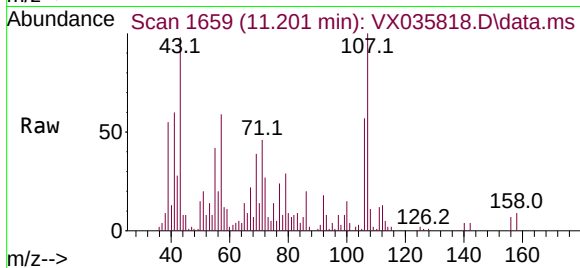
Tgt Ion:156 Resp: 802

Ion Ratio Lower Upper

156 100

77 466.1 0.0 330.8#

158 101.0 0.0 193.4



#74

n-propylbenzene

Concen: 4.557 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035818.D

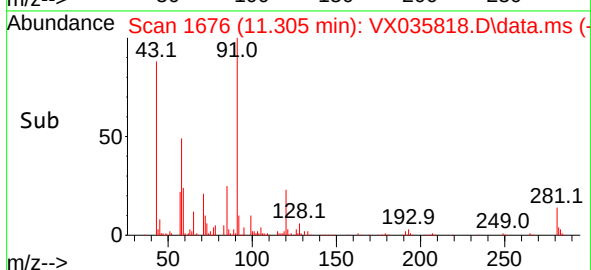
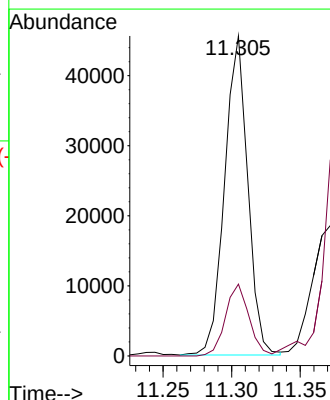
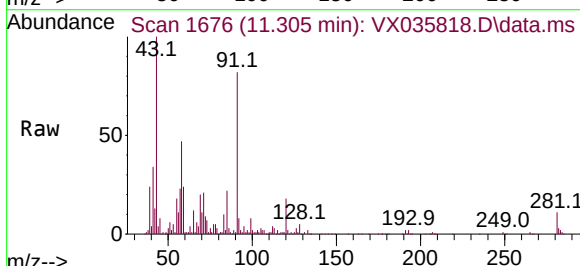
Acq: 23 May 2023 16:52

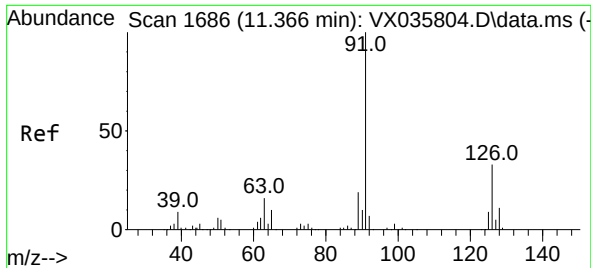
Tgt Ion: 91 Resp: 53518

Ion Ratio Lower Upper

91 100

120 22.9 0.0 44.8

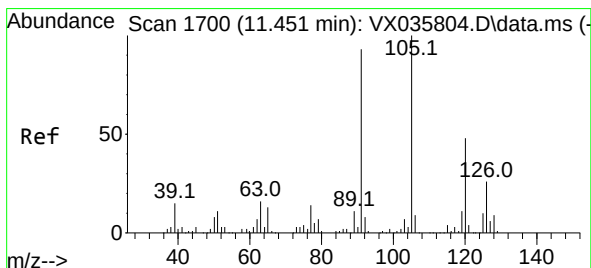
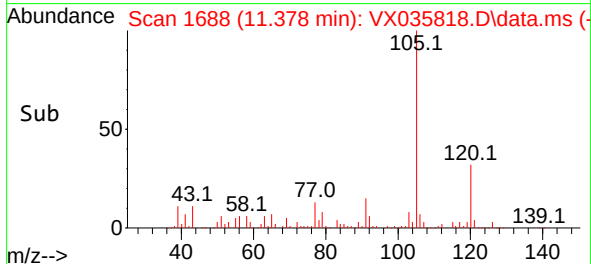
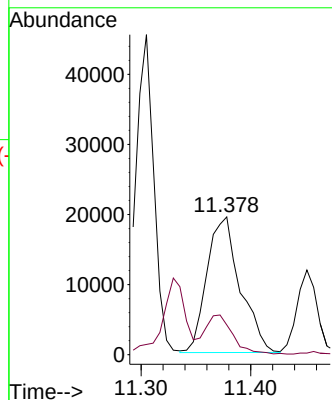
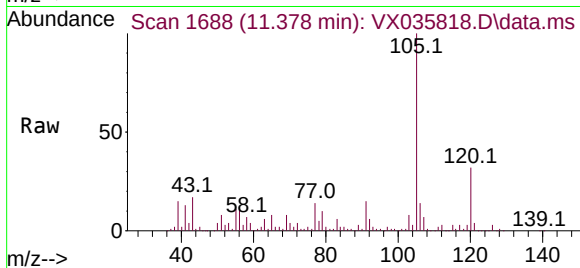




#75
2-Chlorotoluene
Concen: 5.669 ug/l
RT: 11.378 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

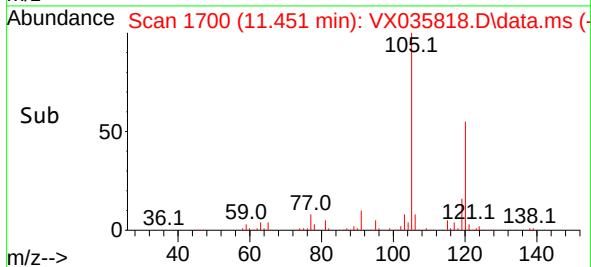
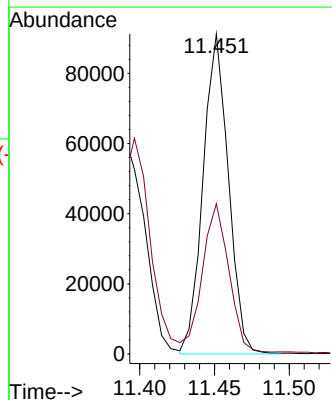
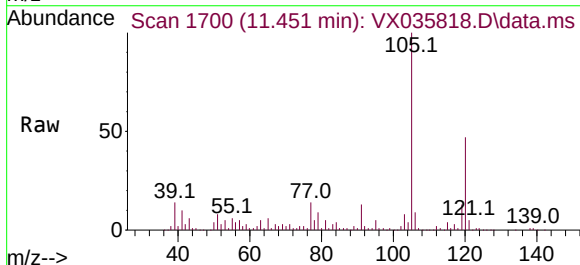
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

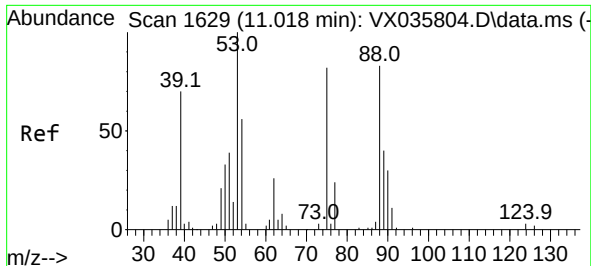
Tgt Ion: 91 Resp: 40890
Ion Ratio Lower Upper
91 100
126 23.9 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 12.855 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 105 Resp: 107559
Ion Ratio Lower Upper
105 100
120 48.2 0.0 96.4

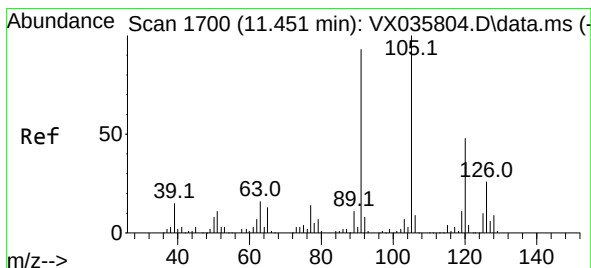
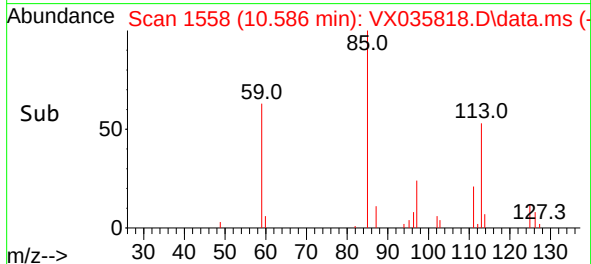
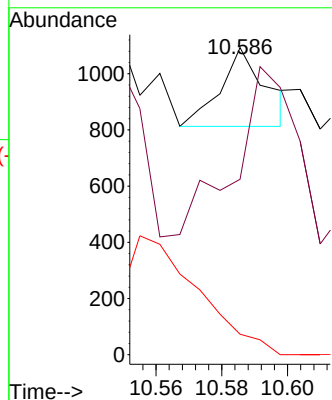
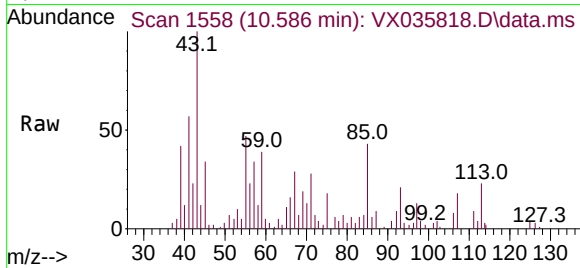




#77
t-1,4-Dichloro-2-butene
Concen: 0.292 ug/l
RT: 10.586 min Scan# 11
Delta R.T. -0.433 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

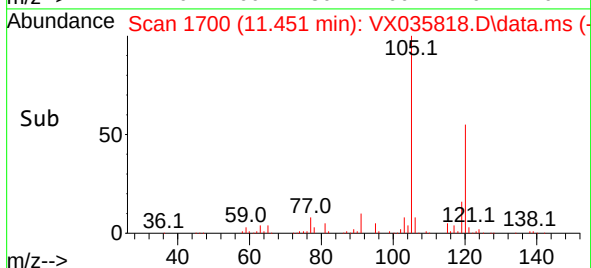
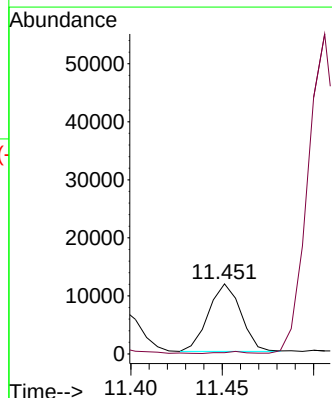
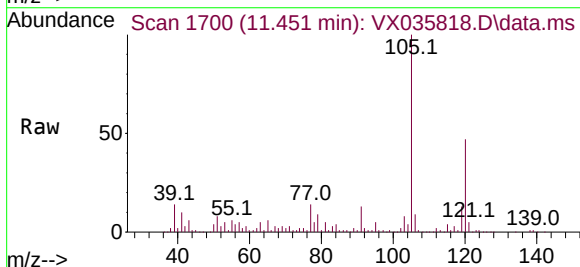
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

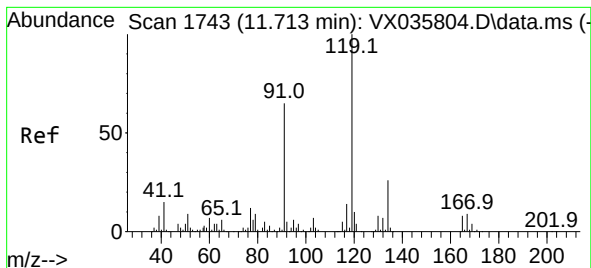
Tgt Ion: 75 Resp: 268
Ion Ratio Lower Upper
75 100
53 70.0 58.2 174.6
89 26.1 20.6 61.8



#78
4-Chlorotoluene
Concen: 1.757 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 91 Resp: 14442
Ion Ratio Lower Upper
91 100
126 2.2 0.0 56.8





#79

tert-butylbenzene

Concen: 3.721 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.256 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

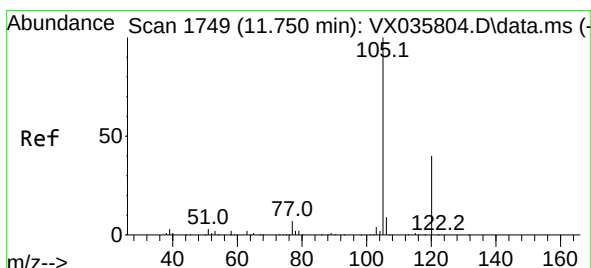
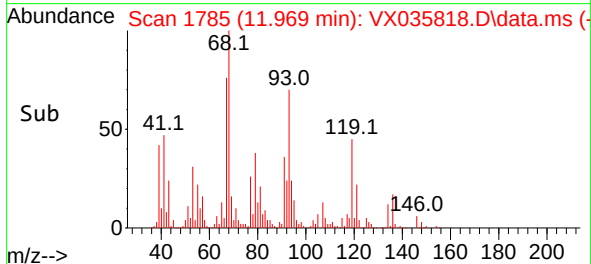
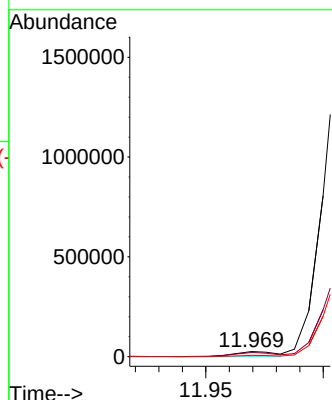
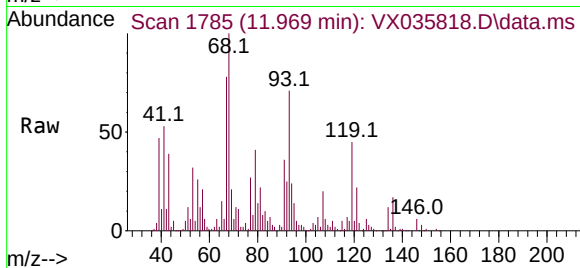
Tgt Ion:119 Resp: 30054

Ion Ratio Lower Upper

119 100

91 78.7 0.0 122.4

134 25.5 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 46.431 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035818.D

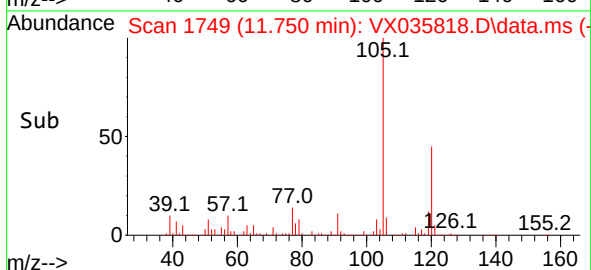
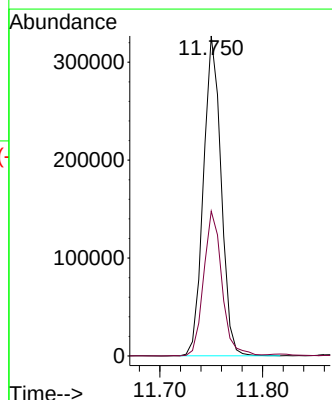
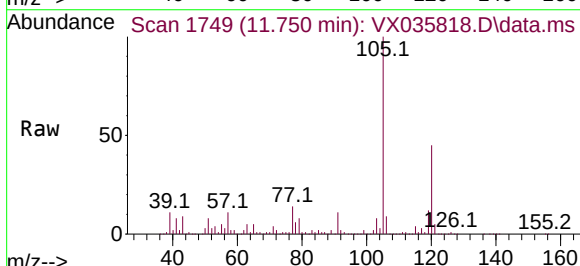
Acq: 23 May 2023 16:52

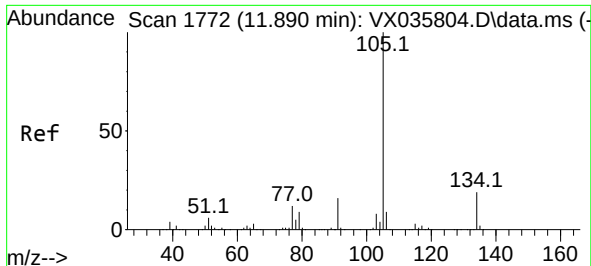
Tgt Ion:105 Resp: 390423

Ion Ratio Lower Upper

105 100

120 46.7 0.0 90.4

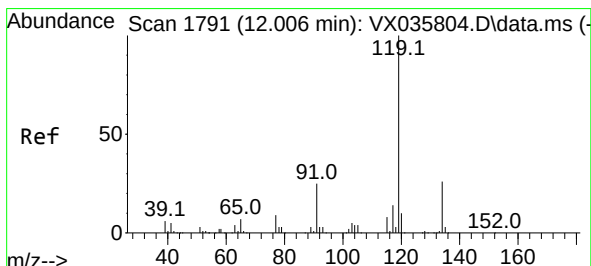
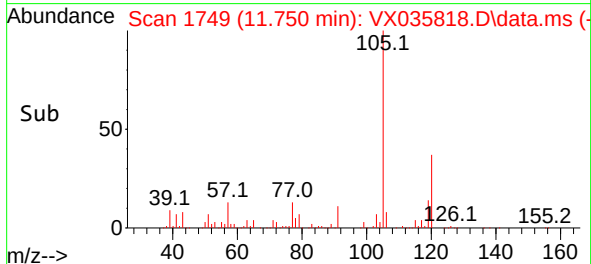
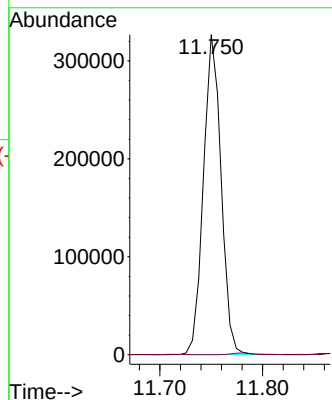
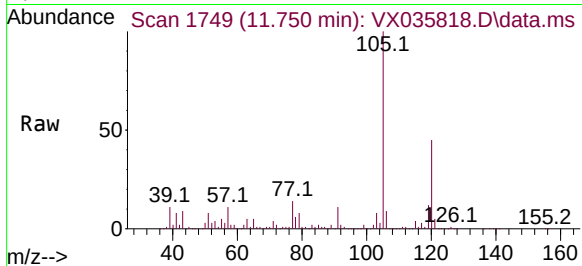




#81
 sec-Butylbenzene
 Concen: 38.283 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX035818.D
 Acq: 23 May 2023 16:52

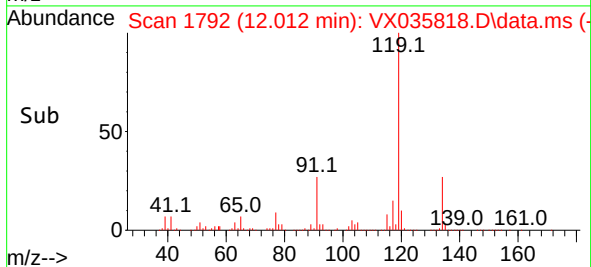
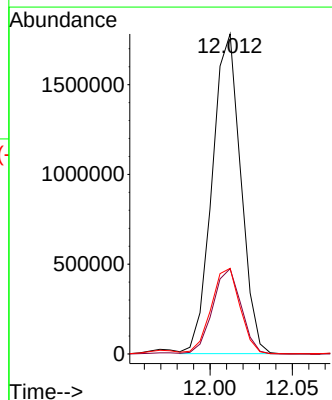
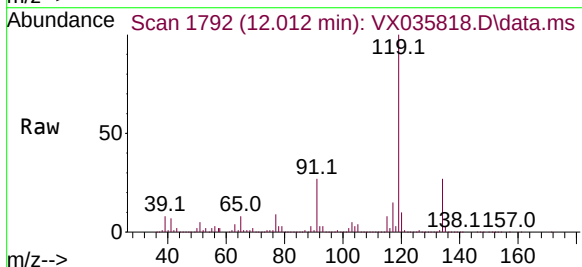
Instrument :
 MSVOA_X
 ClientSampleId :
 SEMI-ANNUAL-CONDENSATE

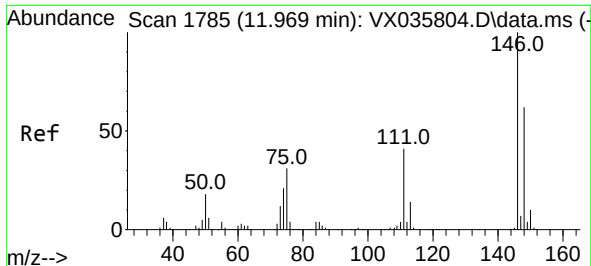
Tgt Ion:105 Resp: 390423
 Ion Ratio Lower Upper
 105 100
 134 0.6 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 254.176 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035818.D
 Acq: 23 May 2023 16:52

Tgt Ion:119 Resp: 2156506
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.2
 91 27.1 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 0.834 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

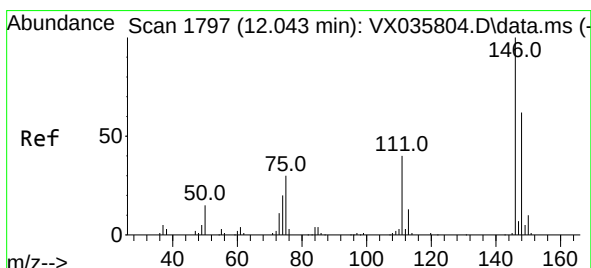
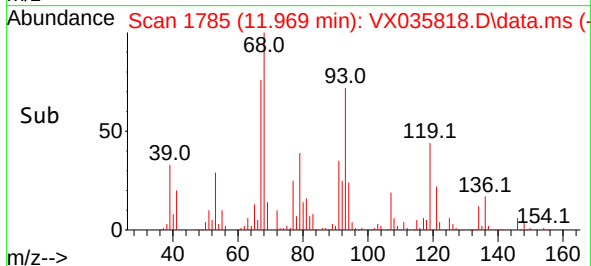
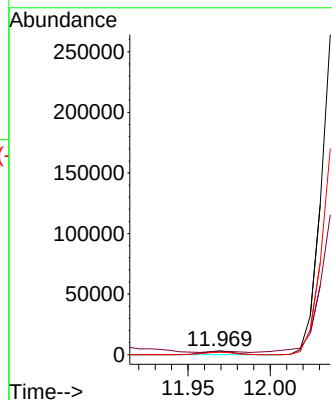
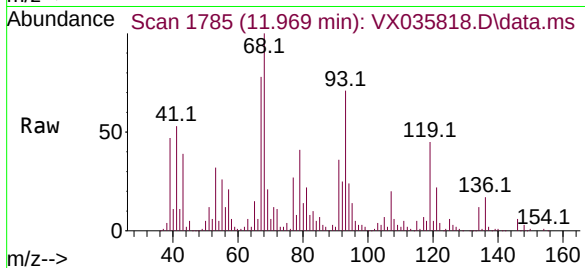
Tgt Ion:146 Resp: 3777

Ion Ratio Lower Upper

146 100

111 23.4 20.6 61.9

148 69.4 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 80.250 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

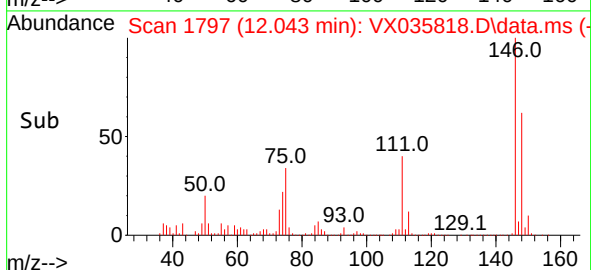
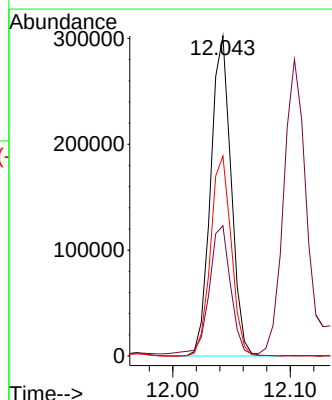
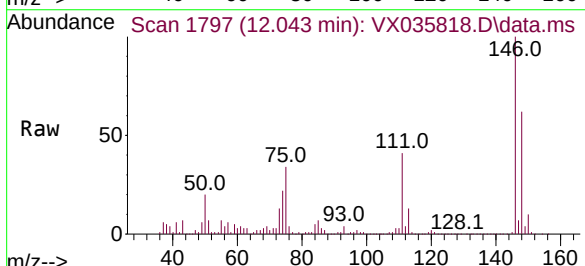
Tgt Ion:146 Resp: 364873

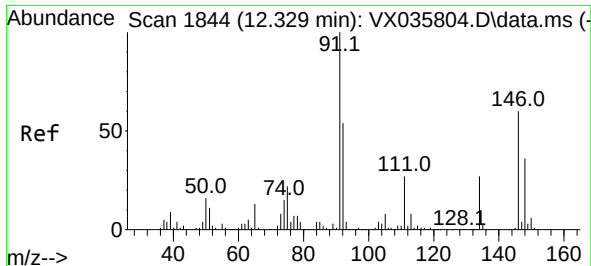
Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

148 63.3 31.8 95.3

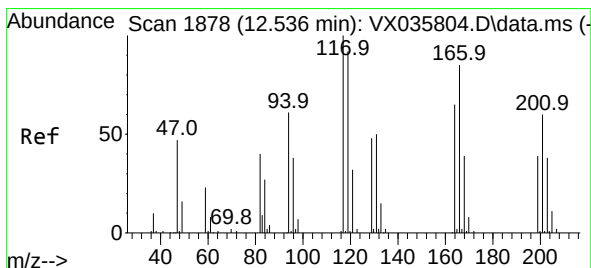
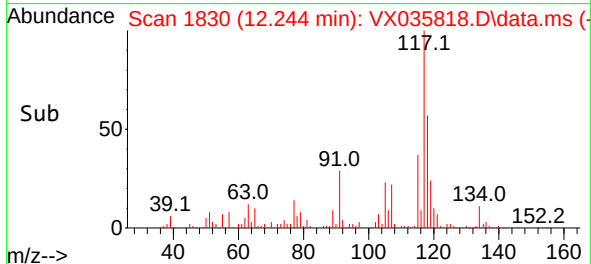
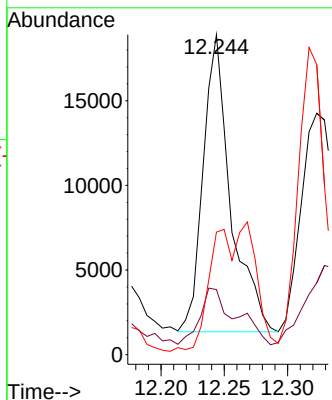
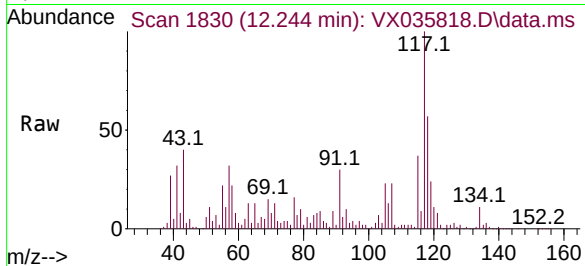




#85
n-Butylbenzene
Concen: 3.521 ug/l
RT: 12.244 min Scan# 1830
Delta R.T. -0.085 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

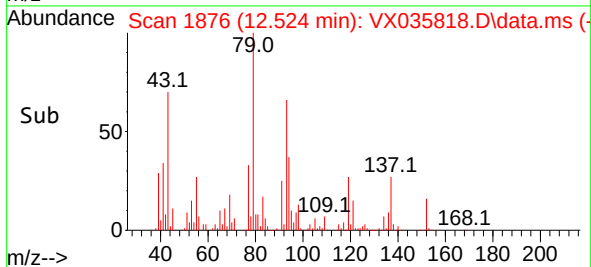
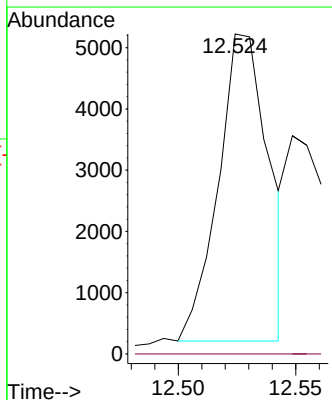
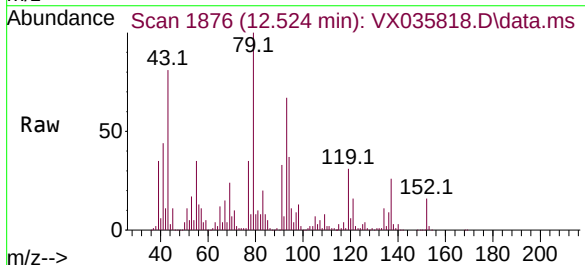
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

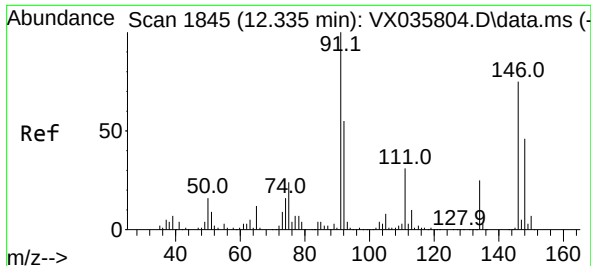
Tgt Ion: 91 Resp: 26578
Ion Ratio Lower Upper
91 100
92 17.5 0.0 107.6
134 34.3 0.0 49.8



#86
Hexachloroethane
Concen: 5.582 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. -0.012 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 117 Resp: 7458
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#

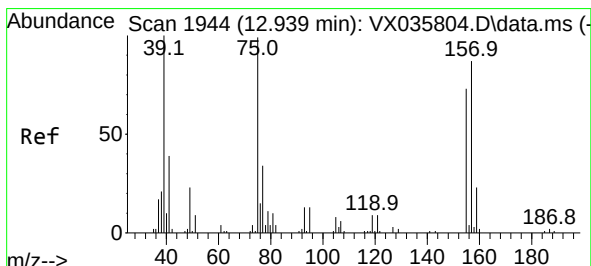
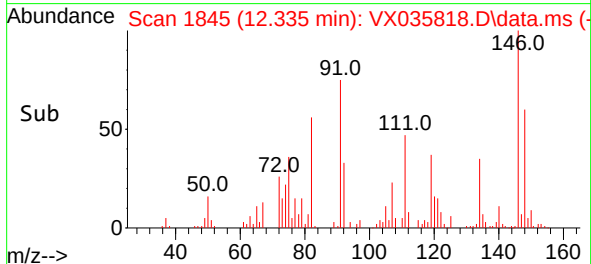
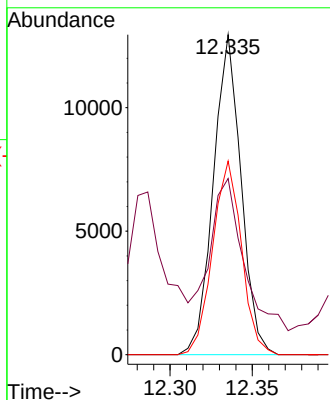
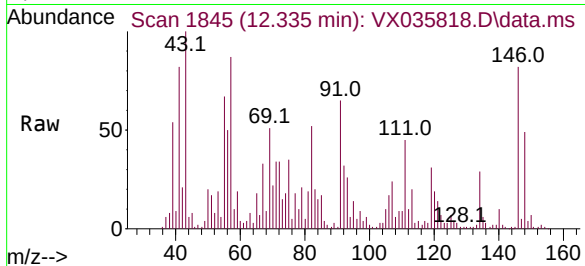




#87
1,2-Dichlorobenzene
Concen: 3.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

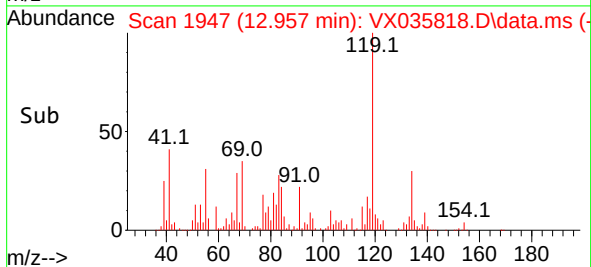
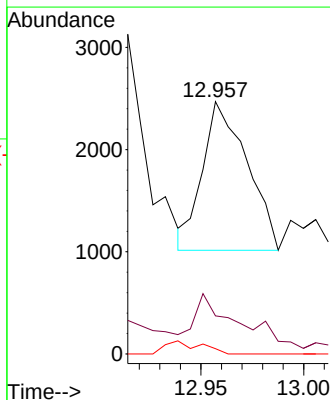
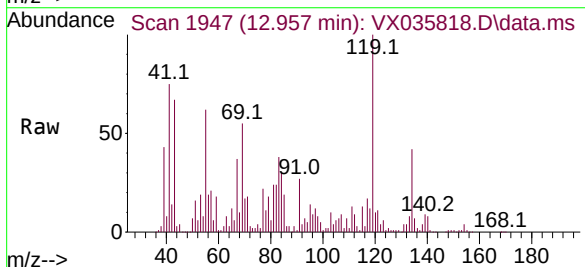
Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

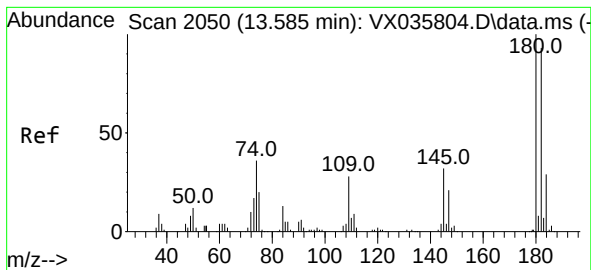
Tgt Ion:146 Resp: 15173
Ion Ratio Lower Upper
146 100
111 52.9 21.3 64.0
148 63.3 31.7 95.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.284 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.018 min
Lab File: VX035818.D
Acq: 23 May 2023 16:52

Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
155 21.2 63.7 95.5#
157 4.6 83.7 125.5#





#89

1,2,4-Trichlorobenzene

Concen: 1.485 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE

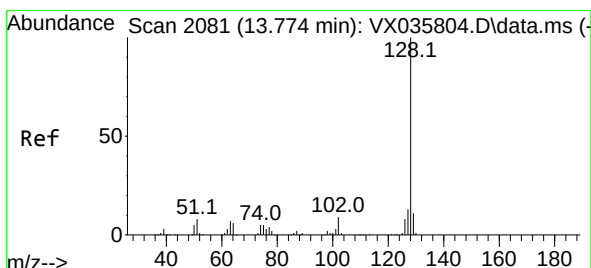
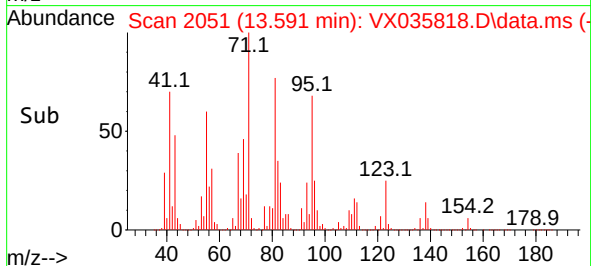
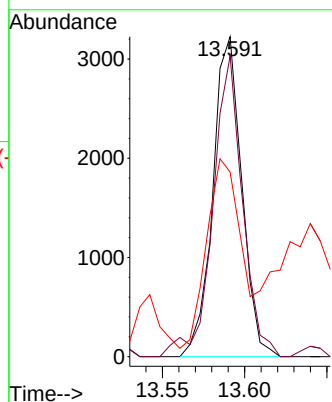
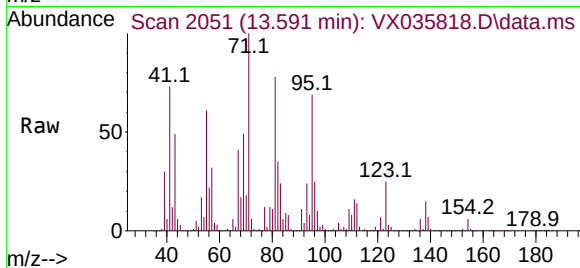
Tgt Ion:180 Resp: 3949

Ion Ratio Lower Upper

180 100

182 92.1 75.8 113.8

145 68.7 25.8 38.6#



#91

Naphthalene

Concen: 310.708 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035818.D

Acq: 23 May 2023 16:52

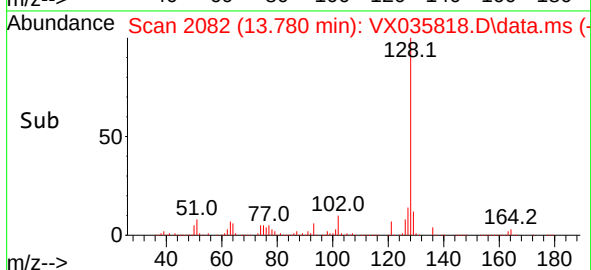
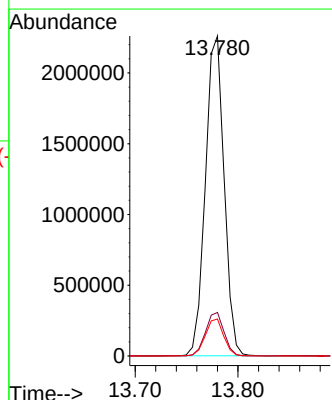
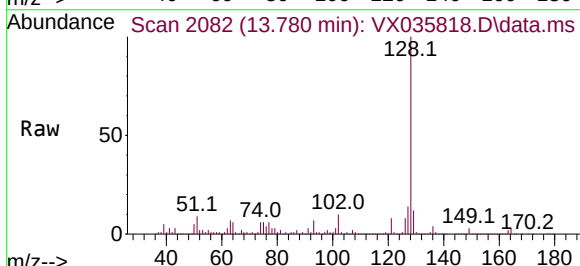
Tgt Ion:128 Resp: 2859969

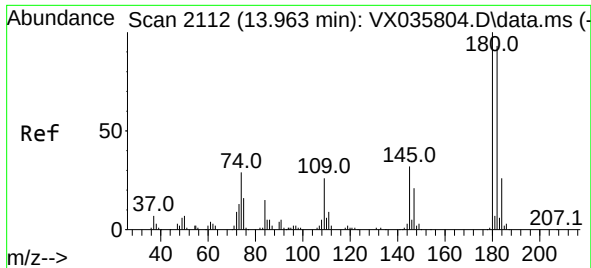
Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.4 8.8 13.2





#92

1,2,3-Trichlorobenzene

Concen: 0.817 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035818.D

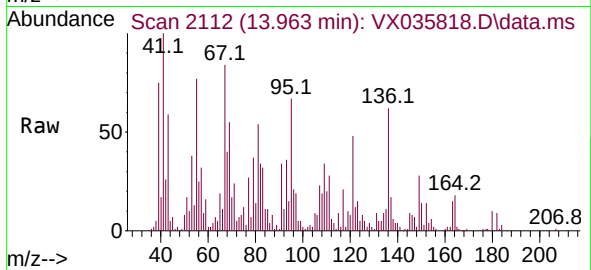
Acq: 23 May 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

SEMI-ANNUAL-CONDENSATE



Tgt Ion:180 Resp: 2171

Ion Ratio Lower Upper

180 100

182 90.7 0.0 191.0

145 96.5 0.0 66.8#

