

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040494.D
 Acq On : 22 Jun 2023 20:46
 Operator : SY/MD
 Sample : 03300-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Quant Time: Jun 23 01:32:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

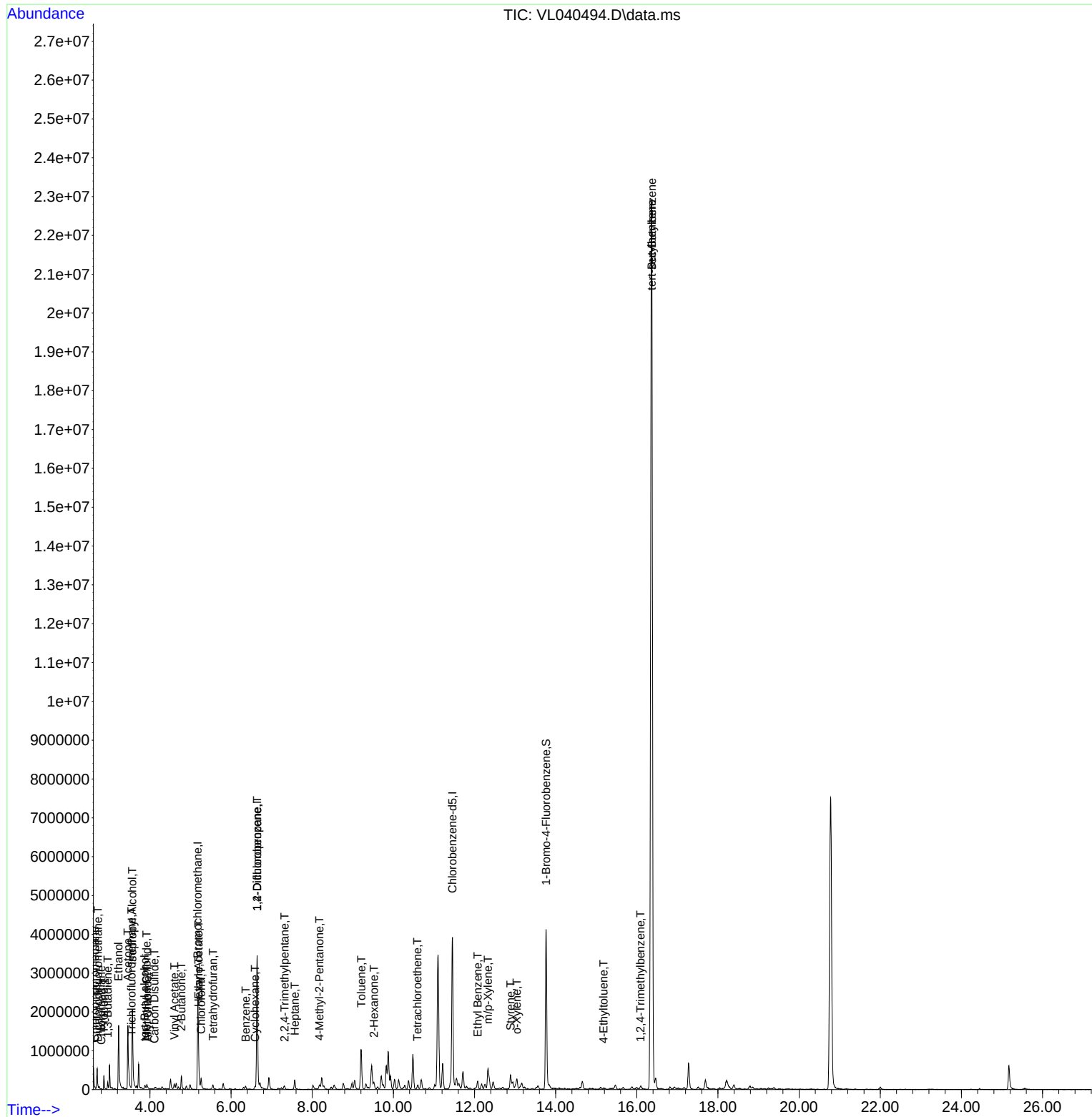
Internal Standards						
1) Bromochloromethane	5.179	49	973859	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2463755	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.455	117	2481408	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2040579	9.964	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	23211	0.110	ppbv	92
3) Chlorodifluoromethane	2.645	51	17851	0.112	ppbv #	73
4) Chloromethane	2.803	50	2162	0.035	ppbv	91
9) Propene	2.867	41	69436	1.412	ppbv	84
10) Heptane	7.568	43	80414	0.722	ppbv	96
11) Trichlorofluoromethane	3.549	101	11180	0.065	ppbv	92
13) Ethanol	3.227	45	1620214	159.068	ppbv	99
15) Acetone	3.455	43	1666112	14.184	ppbv	100
16) 1,3-Butadiene	2.960	39	49063	0.858	ppbv #	30
17) tert-Butyl alcohol	3.873	59	60472	0.626	ppbv	95
19) Isopropyl Alcohol	3.568	45	1976822	34.917	ppbv #	96
20) Methylene Chloride	3.922	84	33218	0.663	ppbv	89
21) Allyl Chloride	3.941	41	4065	0.061	ppbv #	12
23) Vinyl Acetate	4.603	43	93993	0.819	ppbv #	63
25) Ethyl Acetate	5.198	43	142401	0.669	ppbv #	83
26) Hexane	5.201	57	151247	1.501	ppbv #	52
27) Carbon Disulfide	4.111	76	32022	0.254	ppbv #	82
29) Chloroform	5.262	83	158127	0.921	ppbv	99
30) Cyclohexane	6.594	84	18559	0.229	ppbv #	86
34) 2-Butanone	4.777	43	361767	3.045	ppbv	97
36) Benzene	6.359	78	63497	0.324	ppbv	96
39) 1,2-Dichloropropane	6.642	63	643087	8.512	ppbv #	22
41) Tetrahydrofuran	5.555	42	58389	0.899	ppbv	92
44) 2,2,4-Trimethylpentane	7.317	57	24430	0.076	ppbv #	1
50) 4-Methyl-2-Pentanone	8.175	43	75257	0.473	ppbv	97
51) 2-Hexanone	9.523	43	46771	0.423	ppbv #	48
52) Tetrachloroethene	10.593	164	2102	0.034	ppbv	90
53) Toluene	9.211	91	360578	1.747	ppbv	99
58) Ethyl Benzene	12.079	91	150610	0.501	ppbv	96
59) m/p-Xylene	12.333	91	539743	1.953	ppbv	98
60) o-Xylene	13.043	91	184458	0.704	ppbv	96
61) Styrene	12.889	104	114005	1.011	ppbv	98
65) tert-Butylbenzene	16.365	119	455930	1.364	ppbv #	18
67) sec-Butylbenzene	16.375	105	32066	0.066	ppbv	97
72) 4-Ethyltoluene	15.178	105	11456	0.039	ppbv #	56
74) 1,2,4-Trimethylbenzene	16.088	105	25339	0.083	ppbv #	63

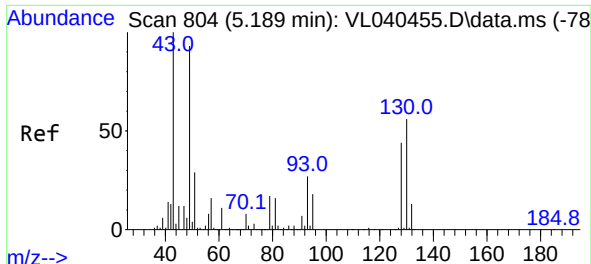
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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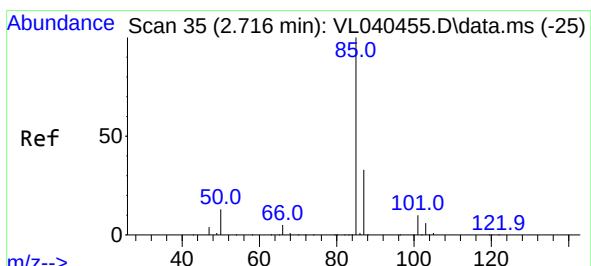
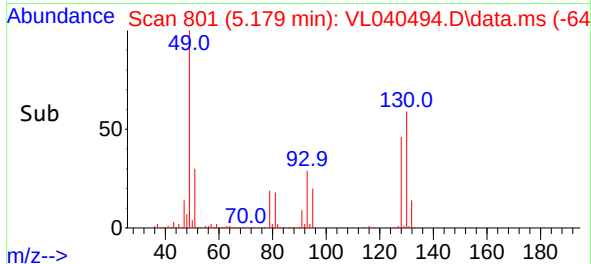
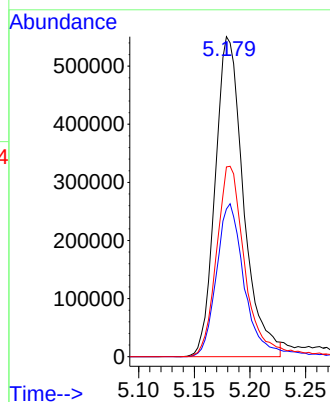
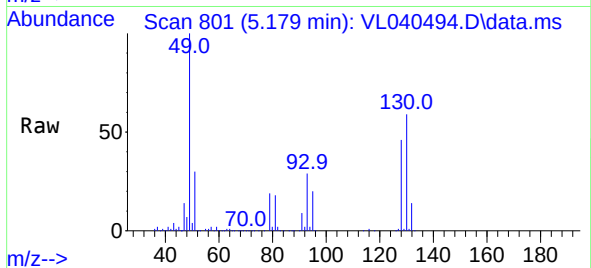




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

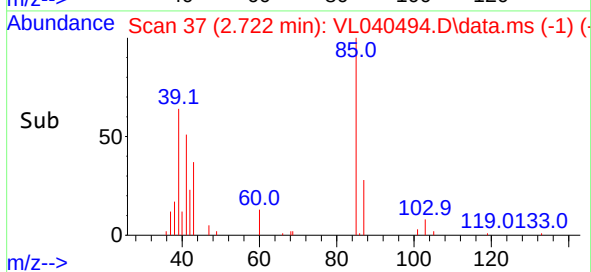
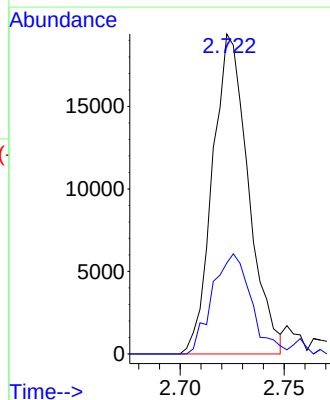
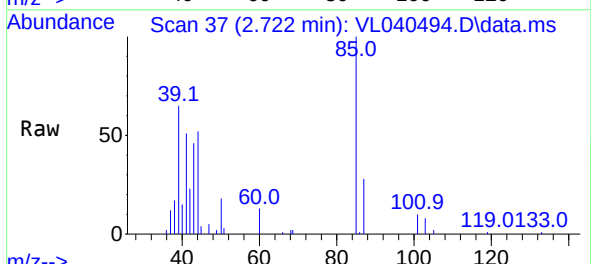
Instrument :
MSVOA_L
ClientSampleId :
SV-2

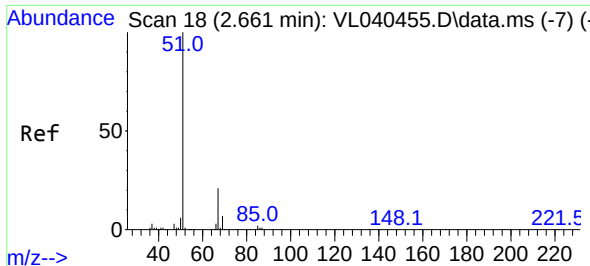
Tgt Ion: 49 Resp: 973859
Ion Ratio Lower Upper
49 100
128 48.8 24.7 74.1
130 62.0 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 0.110 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 85 Resp: 23211
Ion Ratio Lower Upper
85 100
87 28.4 26.6 39.8

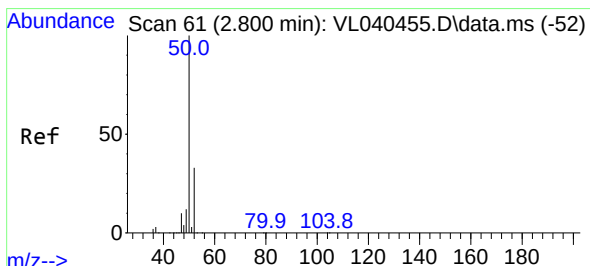
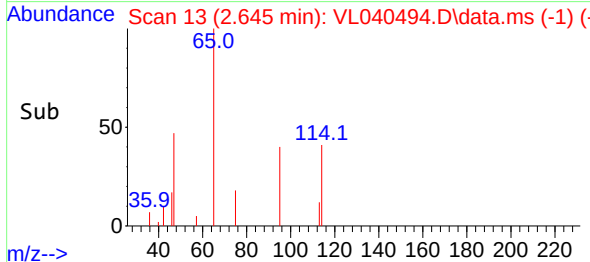
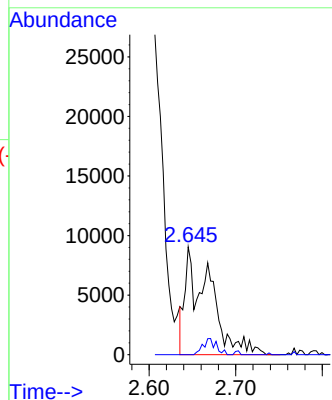
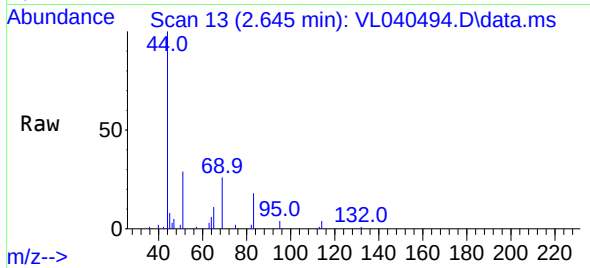




#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

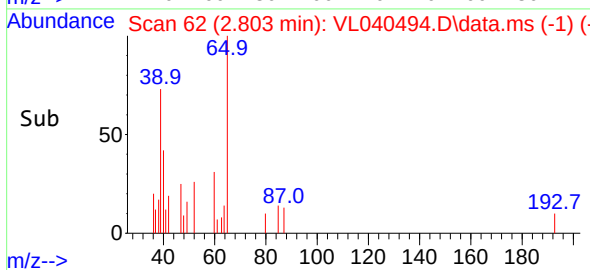
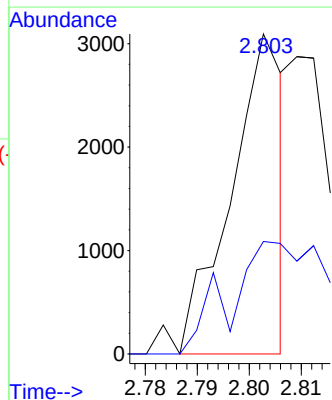
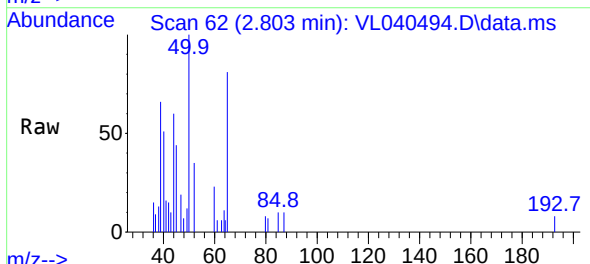
Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 51 Resp: 17851
Ion Ratio Lower Upper
51 100
67 7.9 16.3 24.5#

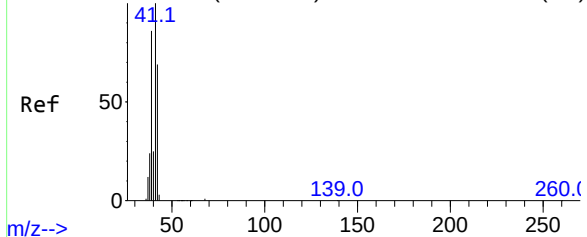


#4
Chloromethane
Concen: 0.035 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 50 Resp: 2162
Ion Ratio Lower Upper
50 100
52 38.0 26.3 39.5



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 1.412 ppbv

RT: 2.867 min Scan# 81

Delta R.T. 0.190 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

Instrument :

MSVOA_1

ClientSampleId :

SV-2

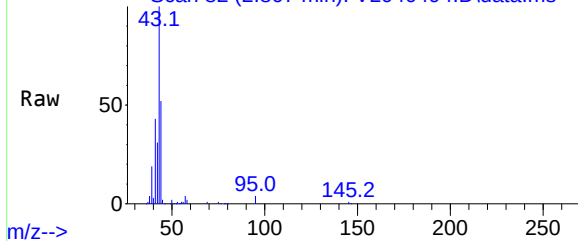
Tgt Ion: 41 Resp: 69436

Ion Ratio Lower Upper

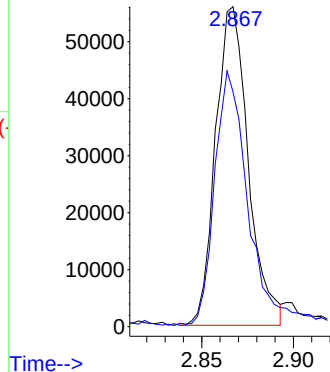
41 100

42 83.6 56.2 84.2

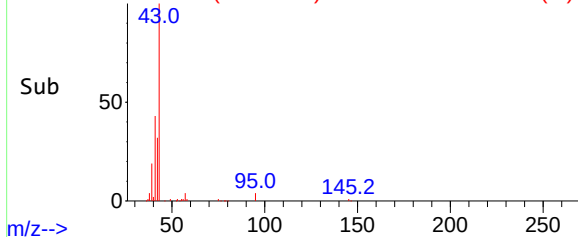
Abundance Scan 82 (2.867 min): VL040494.D\data.ms



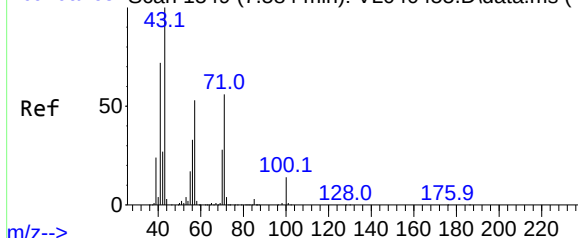
Abundance



Abundance Scan 82 (2.867 min): VL040494.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 0.722 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.016 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

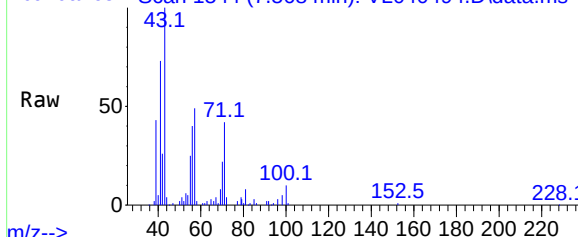
Tgt Ion: 43 Resp: 80414

Ion Ratio Lower Upper

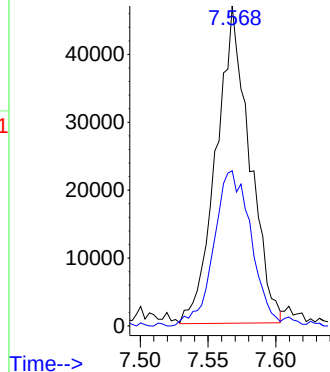
43 100

57 56.0 42.5 63.7

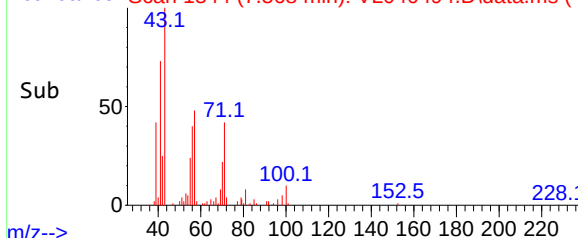
Abundance Scan 1544 (7.568 min): VL040494.D\data.ms

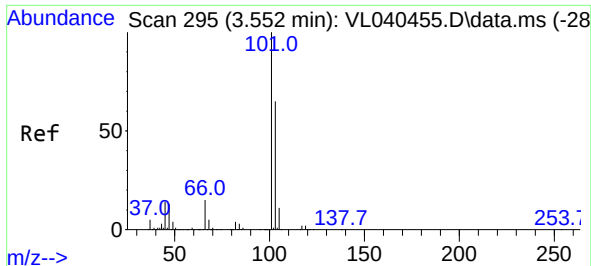


Abundance



Abundance Scan 1544 (7.568 min): VL040494.D\data.ms (-1)

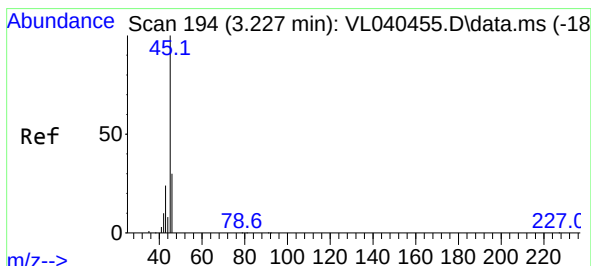
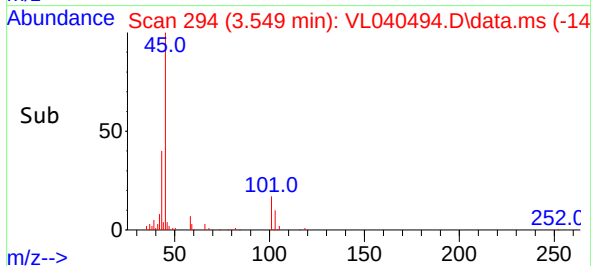
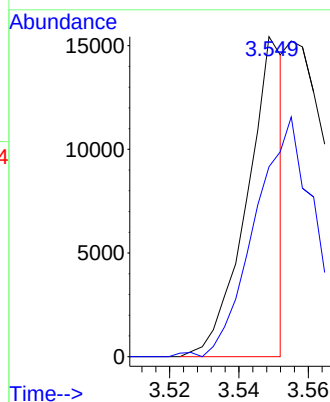
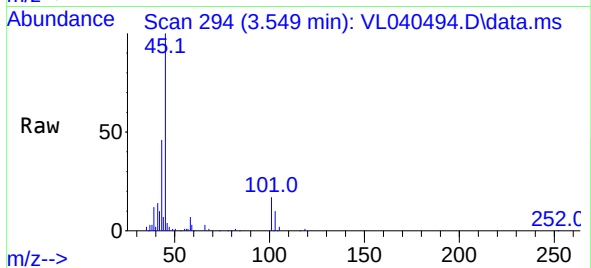




#11
Trichlorofluoromethane
Concen: 0.065 ppbv
RT: 3.549 min Scan# 295
Delta R.T. -0.003 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

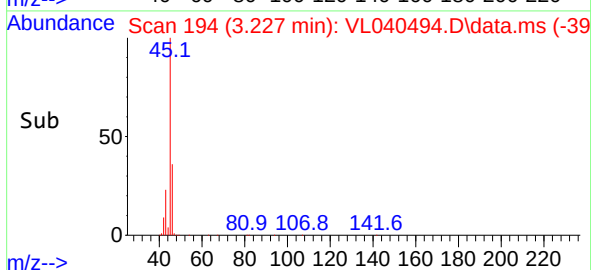
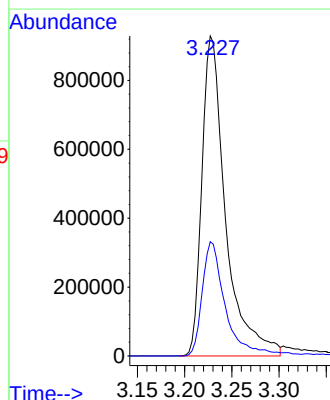
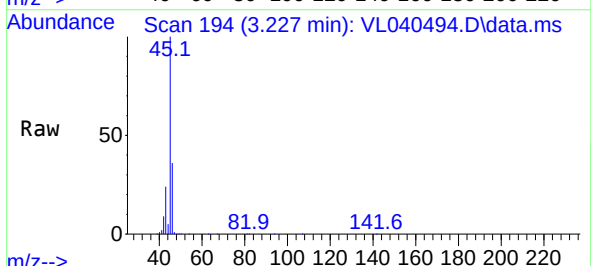
Instrument :
MSVOA_L
ClientSampleId :
SV-2

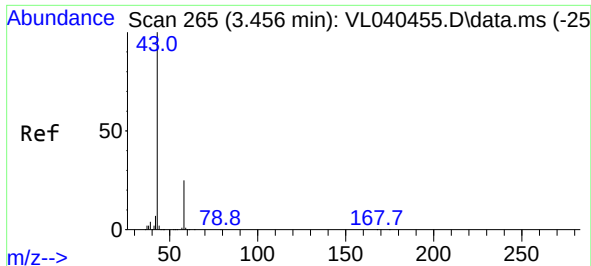
Tgt Ion:101 Resp: 11180
Ion Ratio Lower Upper
101 100
103 58.3 51.7 77.5



#13
Ethanol
Concen: 159.068 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 45 Resp: 1620214
Ion Ratio Lower Upper
45 100
46 35.8 14.5 58.1

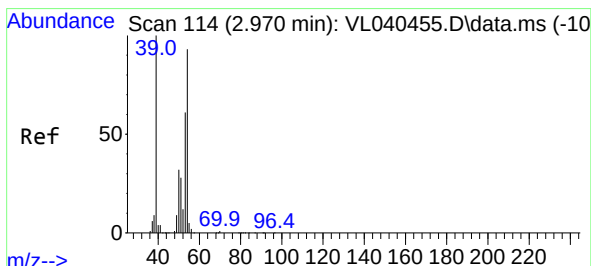
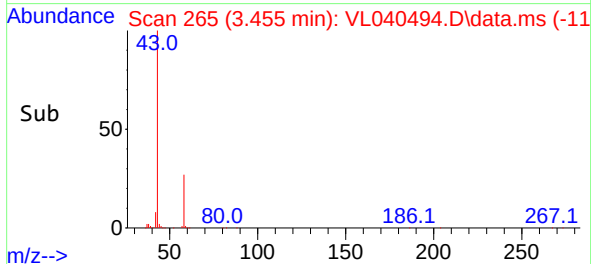
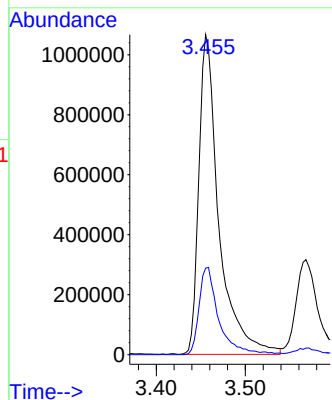
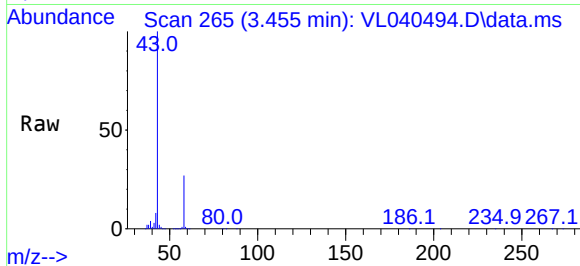




#15
Acetone
Concen: 14.184 ppbv
RT: 3.455 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

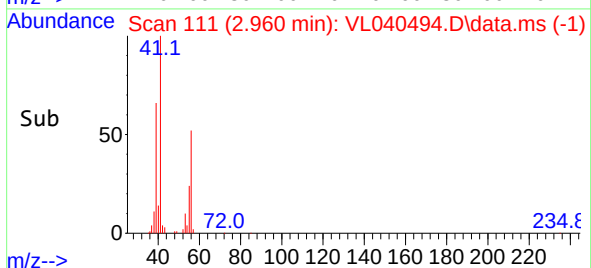
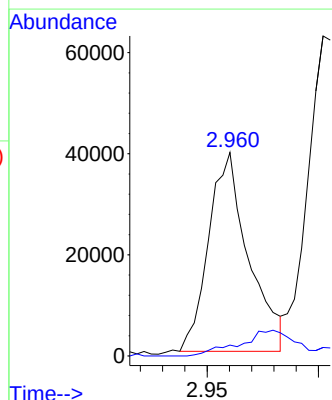
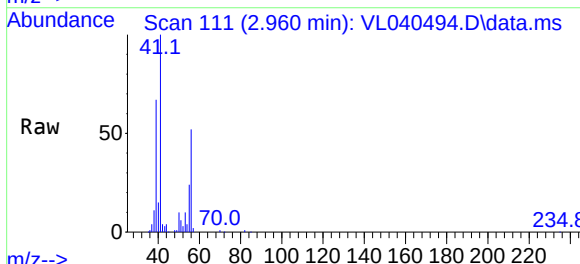
Instrument :
MSVOA_L
ClientSampleId :
SV-2

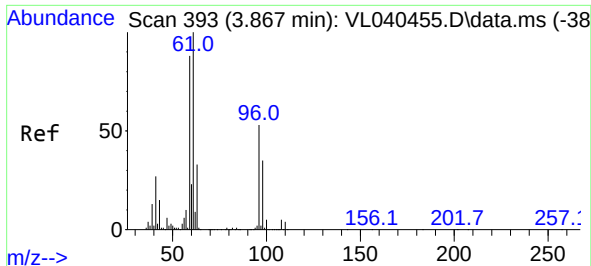
Tgt Ion: 43 Resp: 1666112
Ion Ratio Lower Upper
43 100
58 26.9 21.6 32.4



#16
1,3-Butadiene
Concen: 0.858 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.010 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 39 Resp: 49063
Ion Ratio Lower Upper
39 100
54 20.5 66.9 100.3#

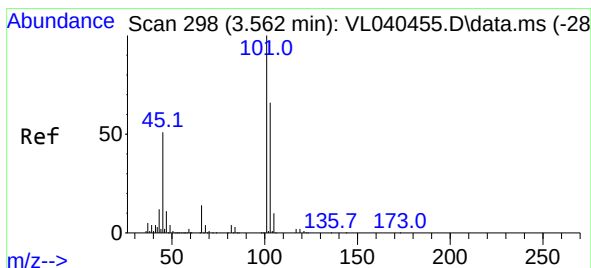
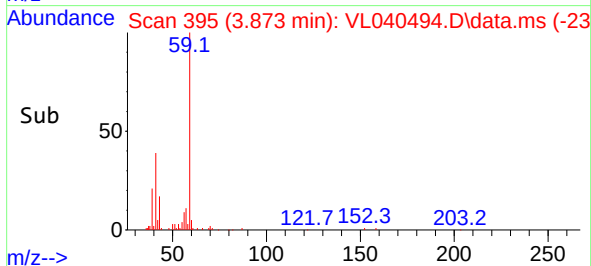
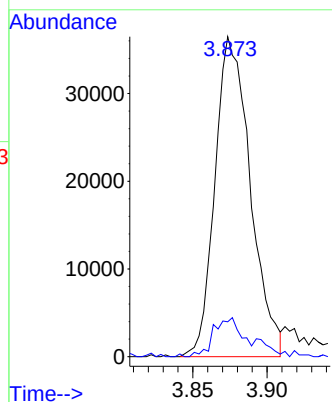
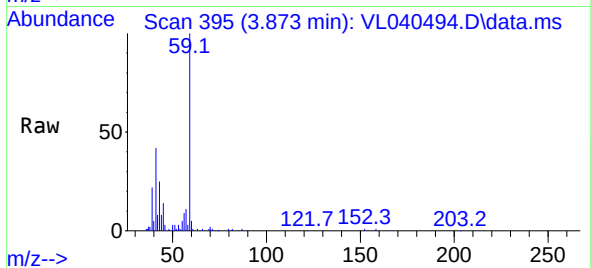




#17
tert-Butyl alcohol
Concen: 0.626 ppbv
RT: 3.873 min Scan# 393
Delta R.T. 0.006 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

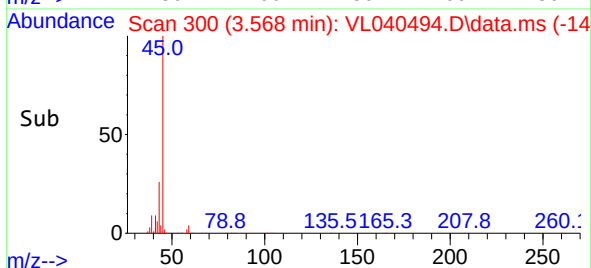
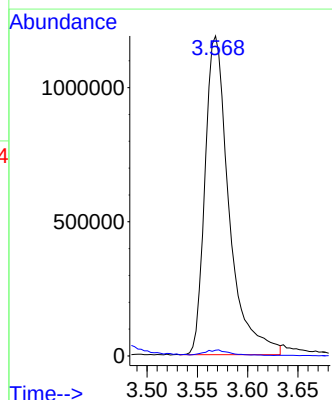
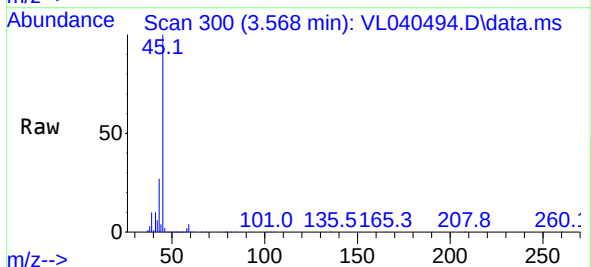
Instrument :
MSVOA_1
ClientSampleId :
SV-2

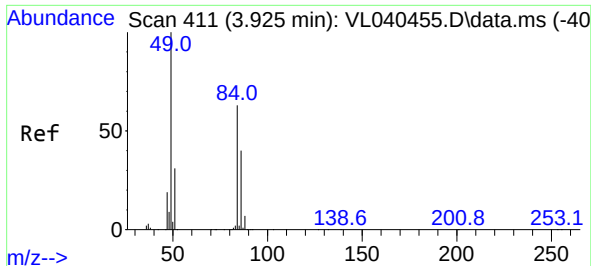
Tgt Ion: 59 Resp: 60472
Ion Ratio Lower Upper
59 100
57 12.8 8.8 13.2



#19
Isopropyl Alcohol
Concen: 34.917 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.006 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 45 Resp: 1976822
Ion Ratio Lower Upper
45 100
58 2.0 2.6 4.0#



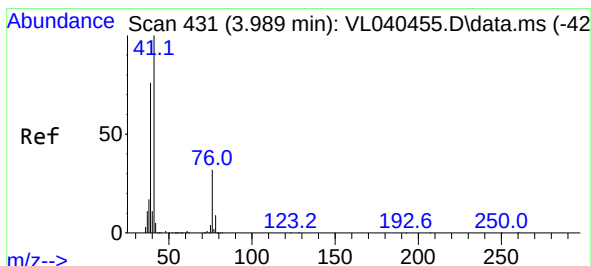
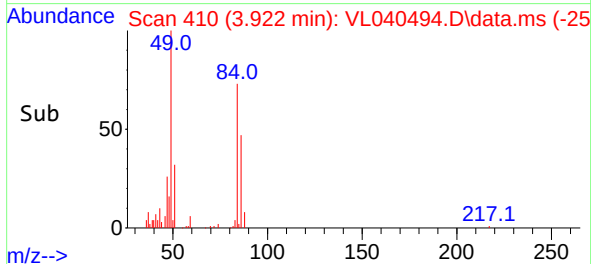
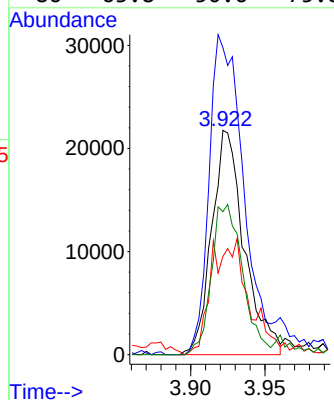
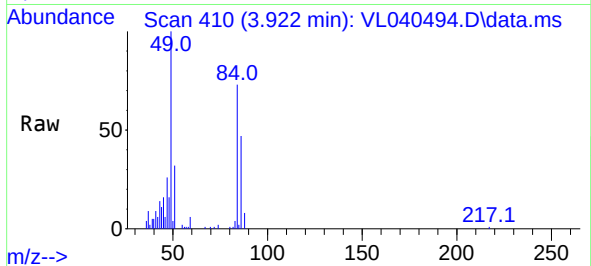


#20
Methylene Chloride
Concen: 0.663 ppbv
RT: 3.922 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Instrument :
MSVOA_1
ClientSampleId :
SV-2

Tgt Ion: 84 Resp: 33218

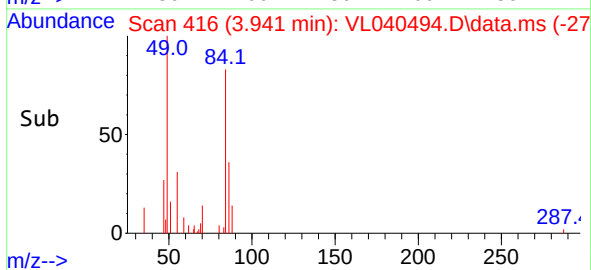
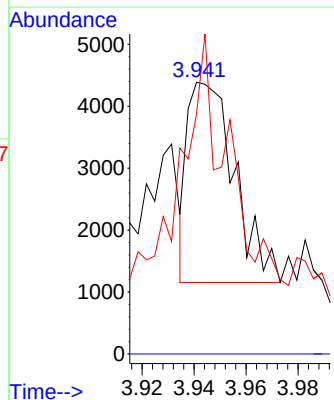
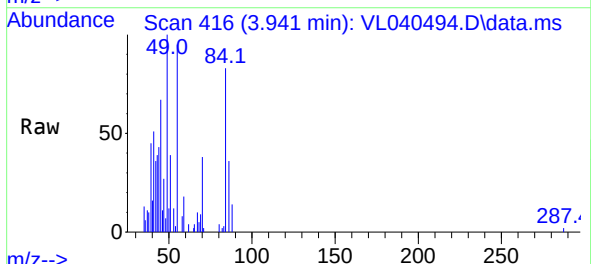
Ion	Ratio	Lower	Upper
84	100		
49	136.9	126.2	189.2
51	42.5	38.7	58.1
86	63.8	50.6	75.8

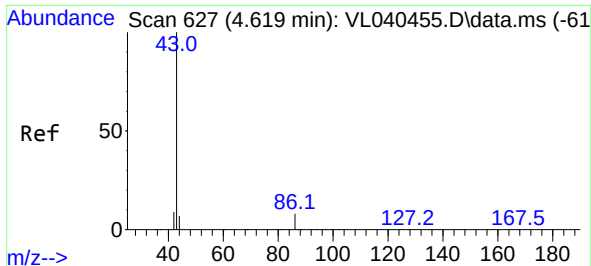


#21
Allyl Chloride
Concen: 0.061 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.048 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 41 Resp: 4065

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.1	39.1#
39	167.9	63.9	95.9#



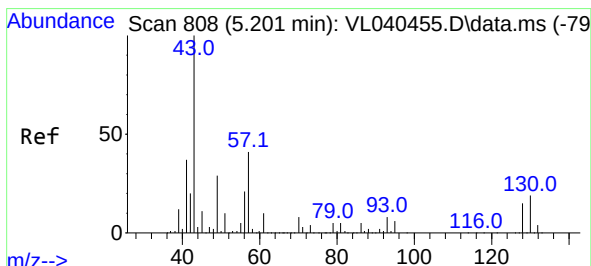
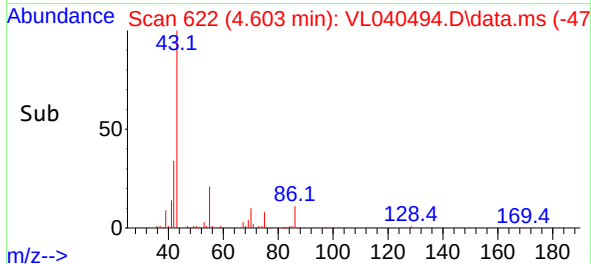
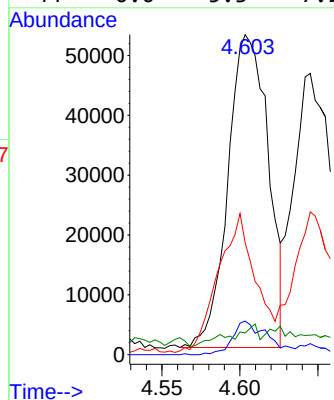
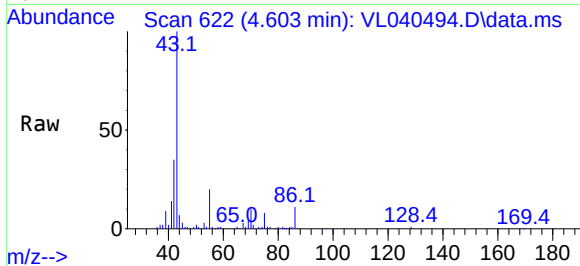


#23
 Vinyl Acetate
 Concen: 0.819 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040494.D
 Acq: 22 Jun 2023 20:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Tgt Ion: 43 Resp: 93993

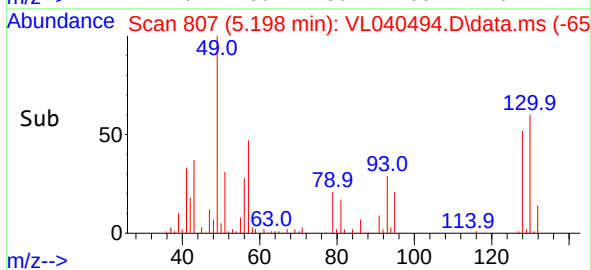
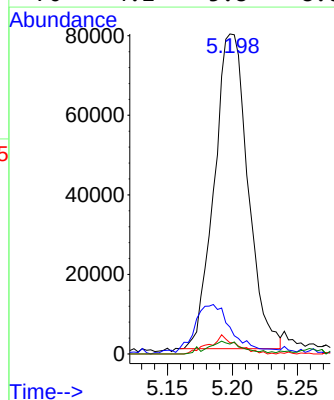
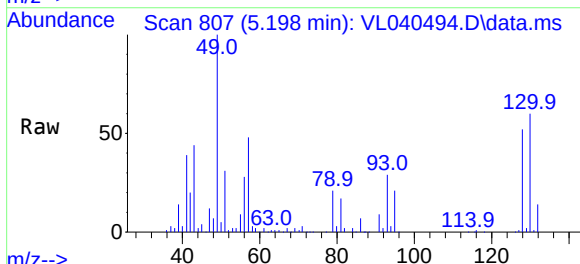
Ion	Ratio	Lower	Upper
43	100		
86	10.8	5.8	8.6#
42	34.6	7.4	11.2#
44	0.0	5.3	7.9#



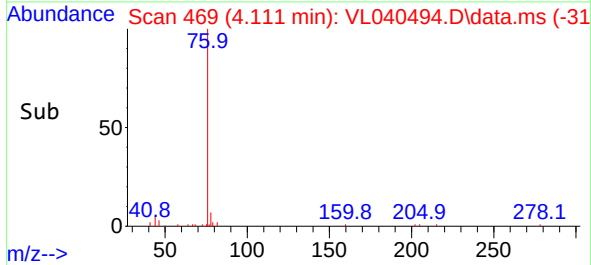
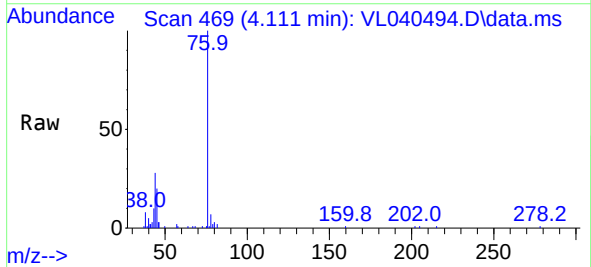
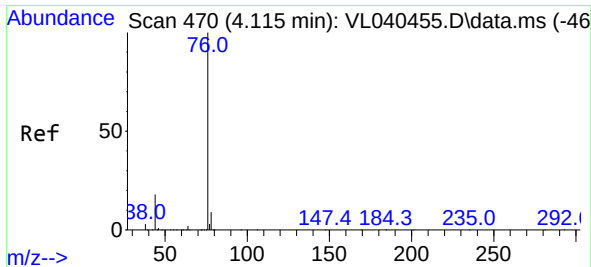
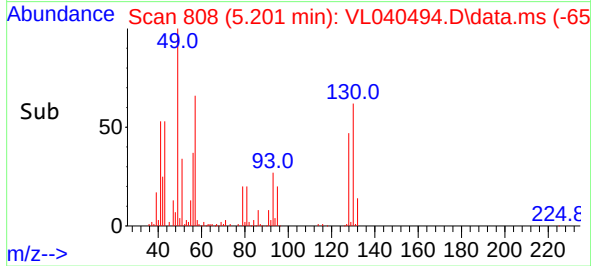
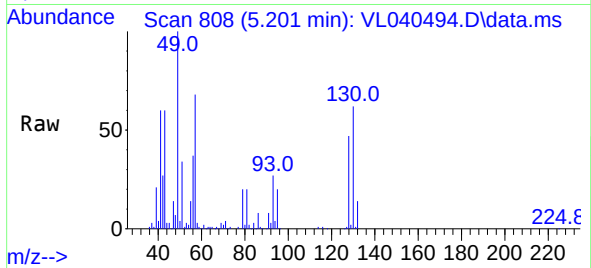
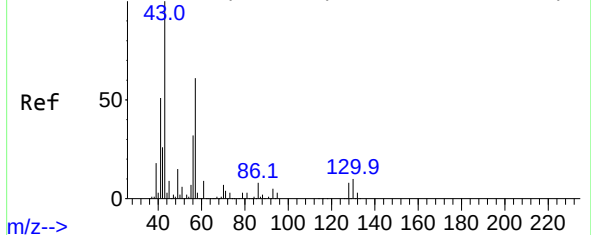
#25
 Ethyl Acetate
 Concen: 0.669 ppbv
 RT: 5.198 min Scan# 807
 Delta R.T. -0.003 min
 Lab File: VL040494.D
 Acq: 22 Jun 2023 20:46

Tgt Ion: 43 Resp: 142401

Ion	Ratio	Lower	Upper
43	100		
45	19.6	8.0	12.0#
61	4.9	8.1	12.1#
70	4.2	5.8	8.6#

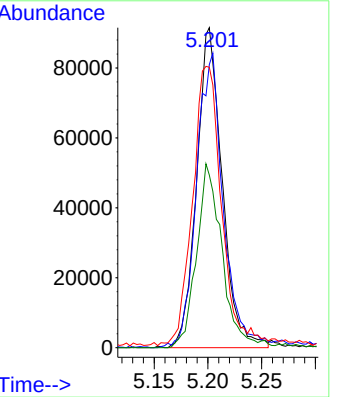


Abundance Scan 810 (5.208 min): VL040455.D\data.ms (-79



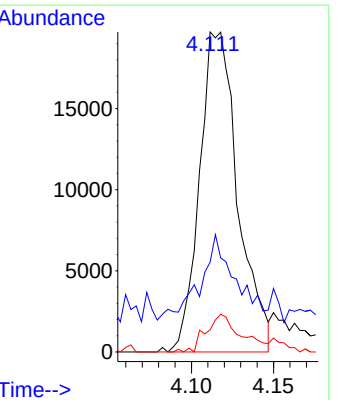
#26
Hexane
Concen: 1.501 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

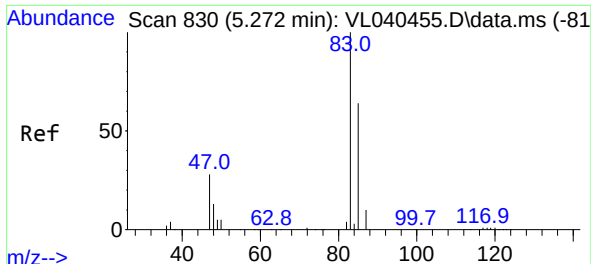
Tgt Ion:	57	Resp:	151247
Ion	Ratio	Lower	Upper
57	100		
41	98.7	73.0	109.6
43	101.0	177.5	266.3#
56	58.7	43.6	65.4



#27
Carbon Disulfide
Concen: 0.254 ppbv
RT: 4.111 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion:	76	Resp:	32022
Ion	Ratio	Lower	Upper
76	100		
44	28.4	14.6	22.0#
78	12.3	7.6	11.4#





#29

Chloroform

Concen: 0.921 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

Instrument :

MSVOA_L

ClientSampleId :

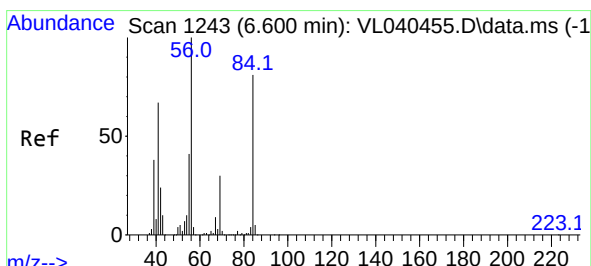
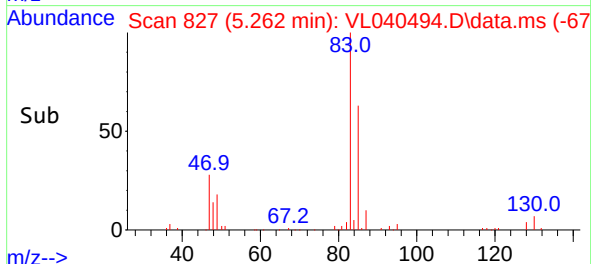
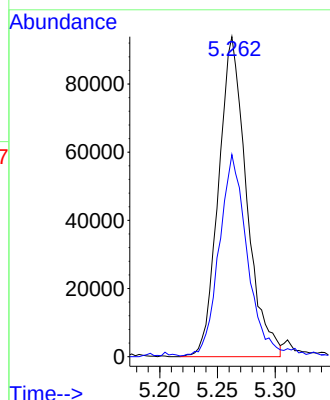
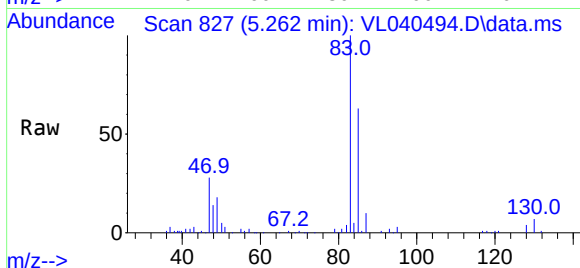
SV-2

Tgt Ion: 83 Resp: 158127

Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7



#30

Cyclohexane

Concen: 0.229 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.007 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

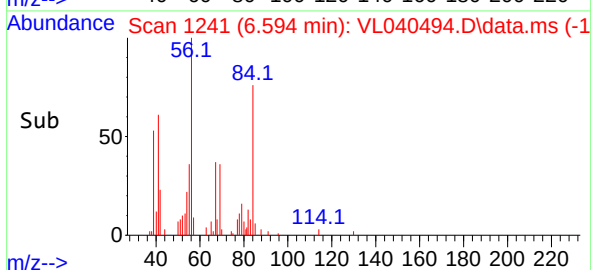
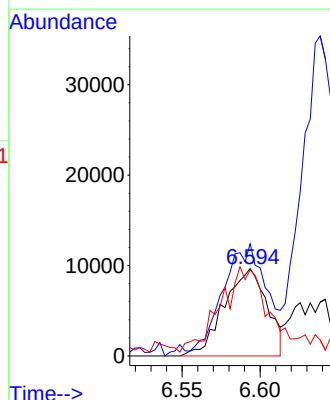
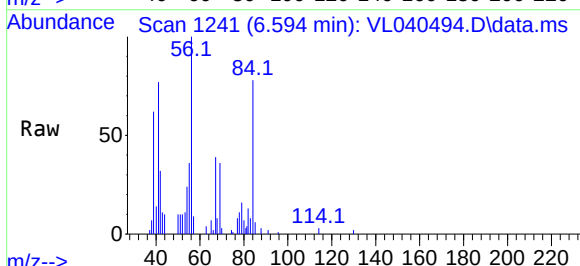
Tgt Ion: 84 Resp: 18559

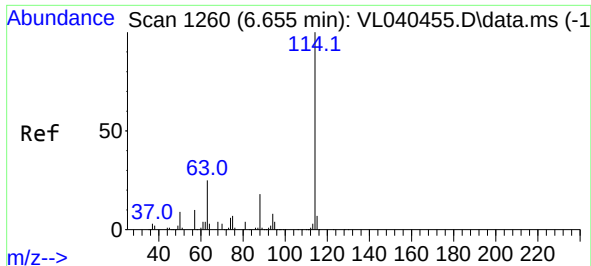
Ion Ratio Lower Upper

84 100

56 129.4 106.0 159.0

41 113.1 66.8 100.2#

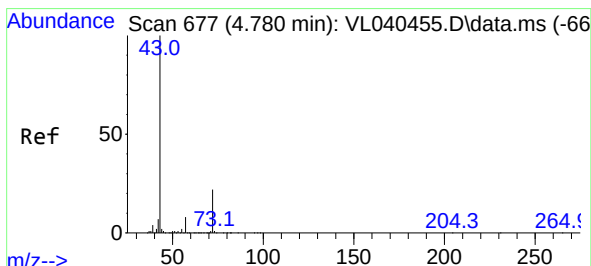
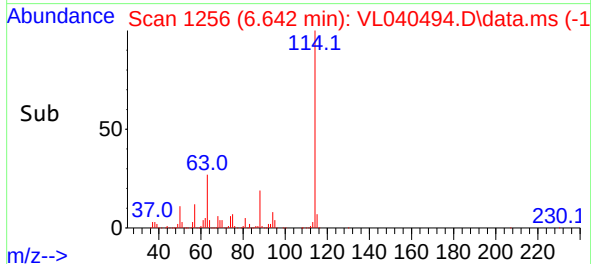
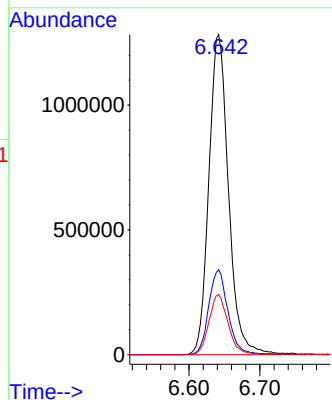
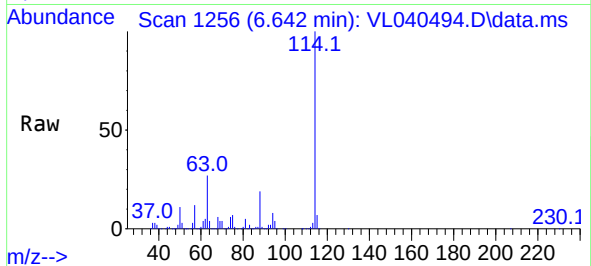




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

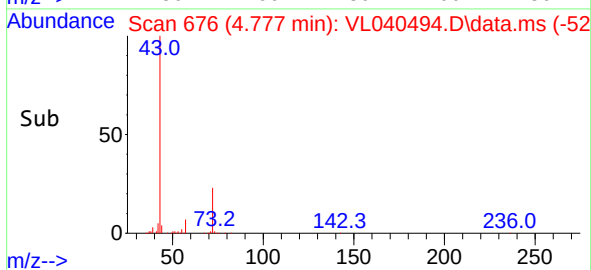
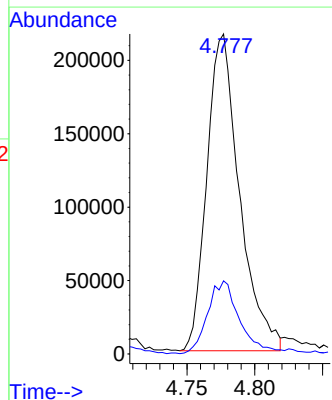
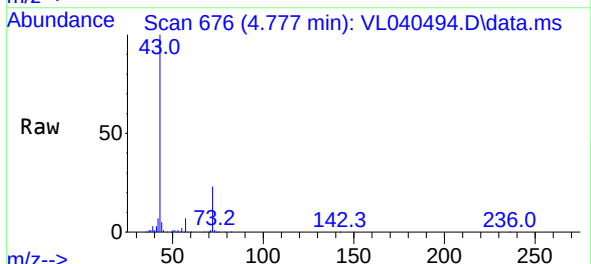
Instrument :
MSVOA_L
ClientSampleId :
SV-2

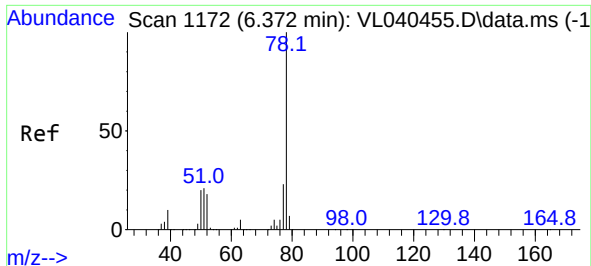
Tgt Ion:114 Resp: 2463755
Ion Ratio Lower Upper
114 100
63 26.4 21.0 31.6
88 18.5 14.5 21.7



#34
2-Butanone
Concen: 3.045 ppbv
RT: 4.777 min Scan# 676
Delta R.T. -0.003 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 43 Resp: 361767
Ion Ratio Lower Upper
43 100
72 23.9 18.1 27.1

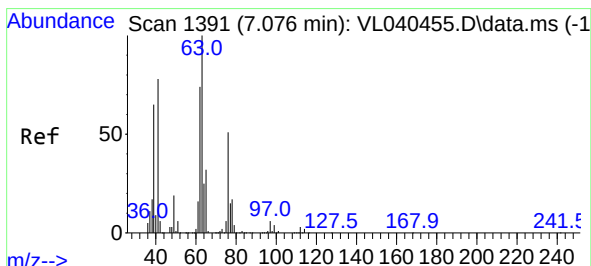
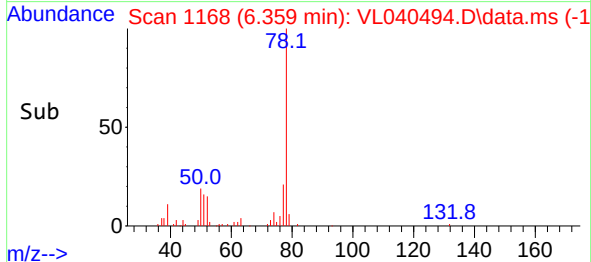
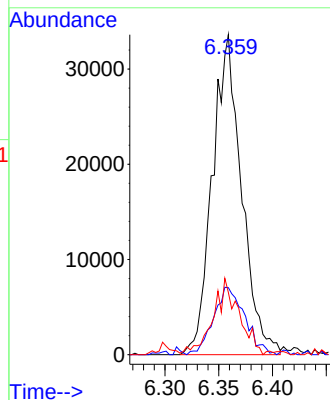
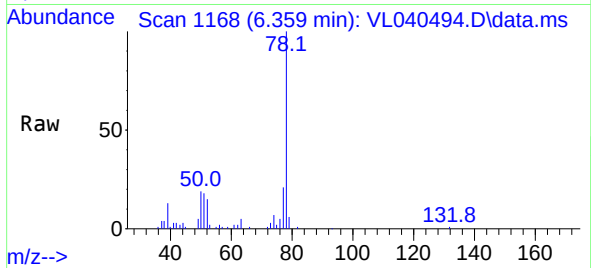




#36
Benzene
Concen: 0.324 ppbv
RT: 6.359 min Scan# 1172
Delta R.T. -0.013 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

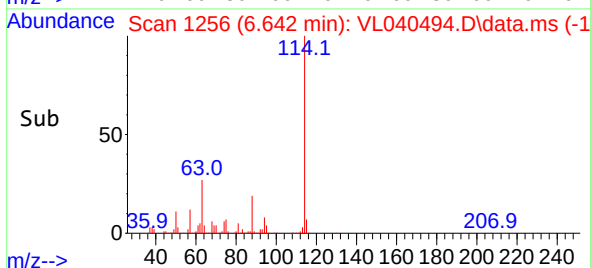
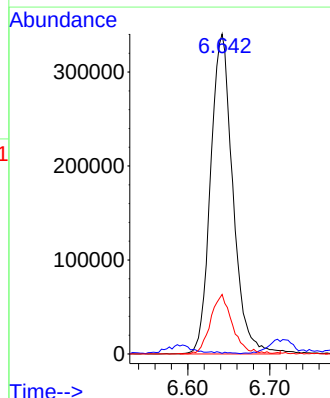
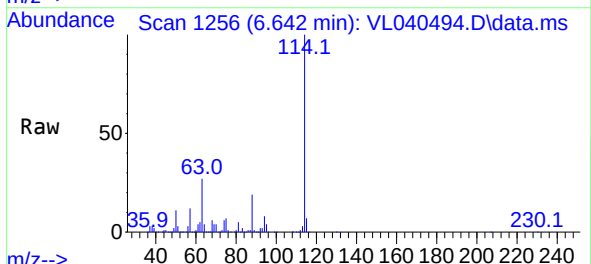
Instrument :
MSVOA_L
ClientSampleId :
SV-2

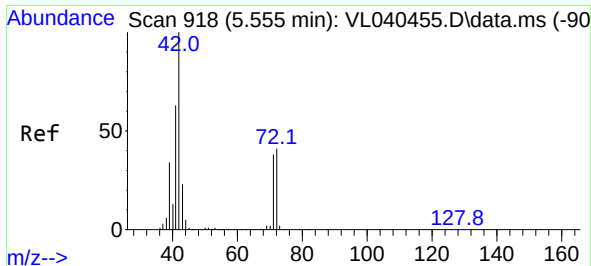
Tgt Ion: 78 Resp: 63497
Ion Ratio Lower Upper
78 100
77 20.2 18.5 27.7
50 18.9 16.1 24.1



#39
1,2-Dichloropropane
Concen: 8.512 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.434 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 63 Resp: 643087
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.2#
62 18.5 59.0 88.4#

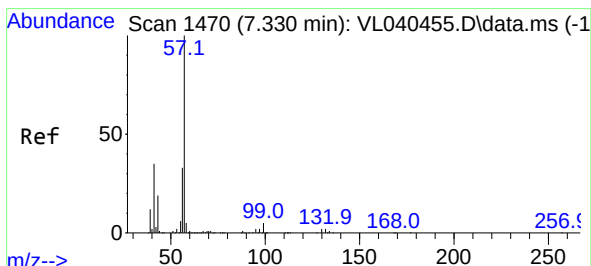
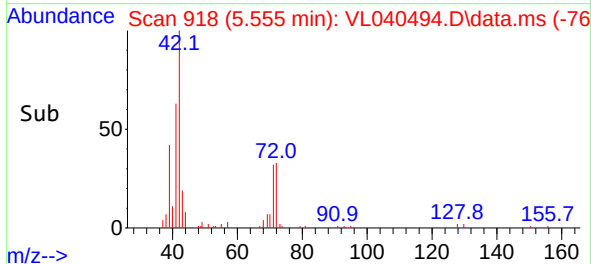
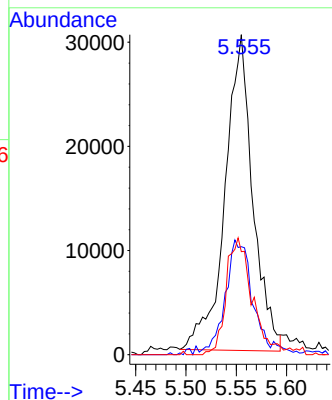
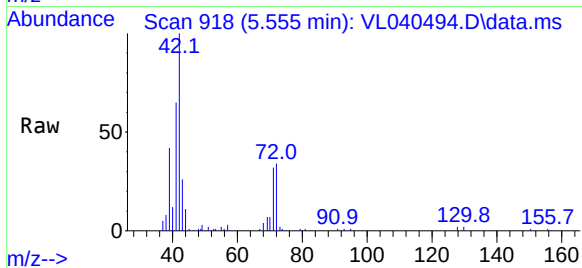




#41
Tetrahydrofuran
Concen: 0.899 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

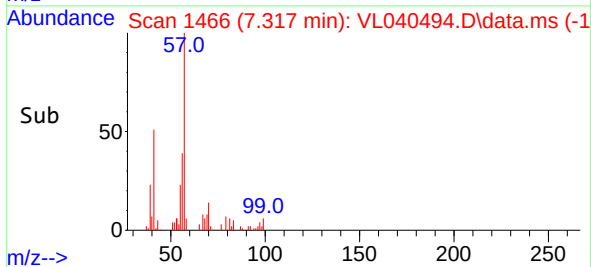
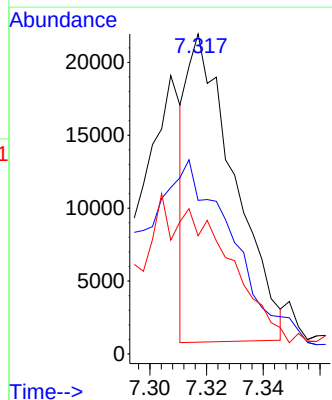
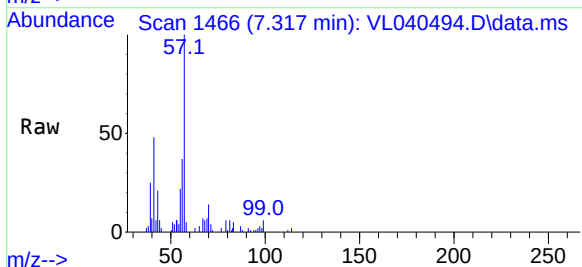
Instrument :
MSVOA_L
ClientSampleId :
SV-2

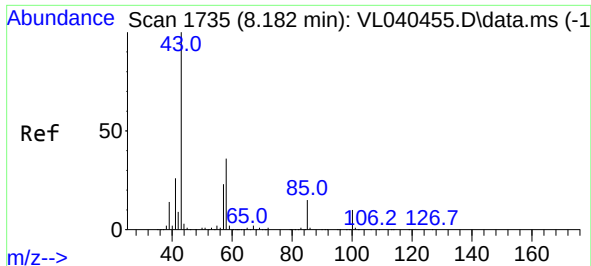
Tgt Ion: 42 Resp: 58389
Ion Ratio Lower Upper
42 100
72 37.8 33.8 50.8
71 35.4 32.3 48.5



#44
2,2,4-Trimethylpentane
Concen: 0.076 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.013 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 57 Resp: 24430
Ion Ratio Lower Upper
57 100
41 115.4 27.8 41.8#
56 0.0 25.3 37.9#





#50

4-Methyl-2-Pentanone

Concen: 0.473 ppbv

RT: 8.175 min Scan# 1

Delta R.T. -0.007 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

Instrument :

MSVOA_L

ClientSampleId :

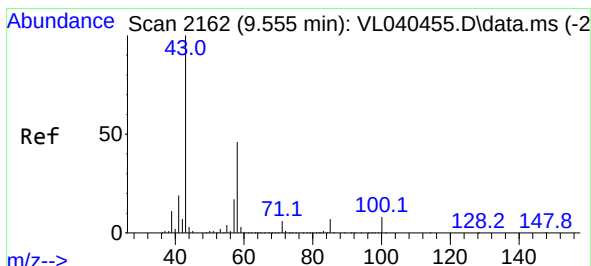
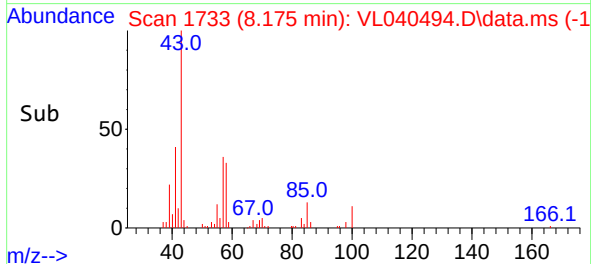
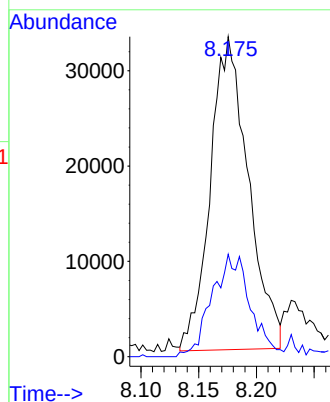
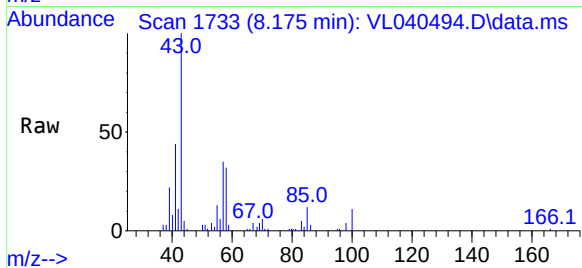
SV-2

Tgt Ion: 43 Resp: 75257

Ion Ratio Lower Upper

43 100

58 37.1 28.2 42.4



#51

2-Hexanone

Concen: 0.423 ppbv

RT: 9.523 min Scan# 2152

Delta R.T. -0.032 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

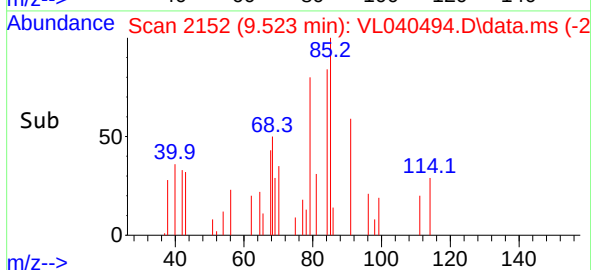
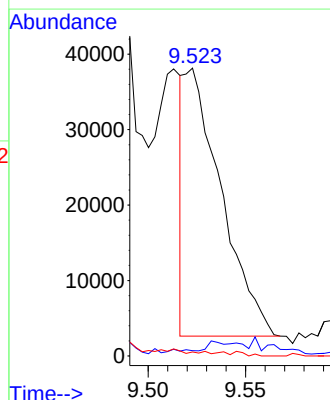
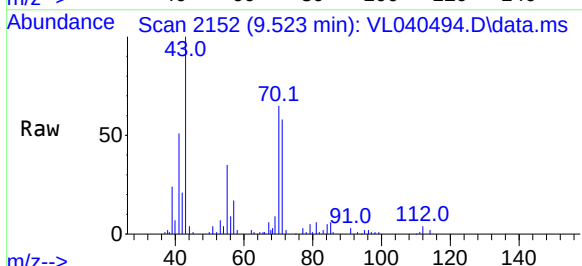
Tgt Ion: 43 Resp: 46771

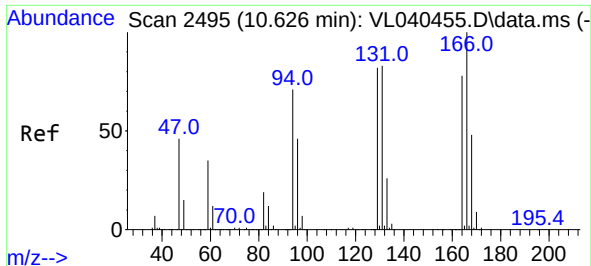
Ion Ratio Lower Upper

43 100

58 11.3 37.1 55.7#

98 1.8 0.5 0.7#



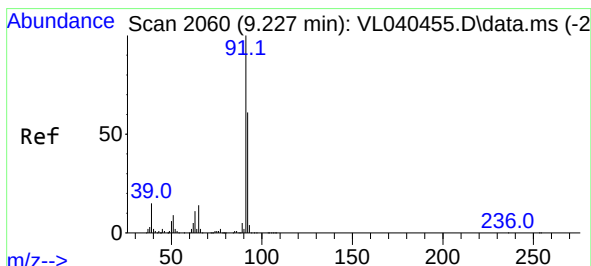
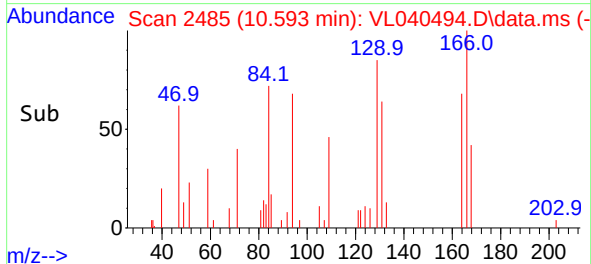
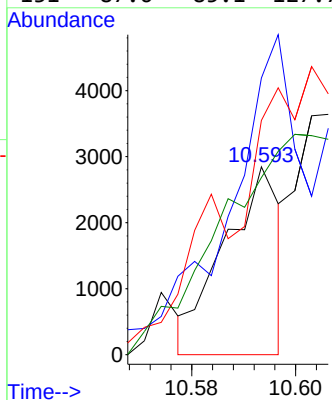
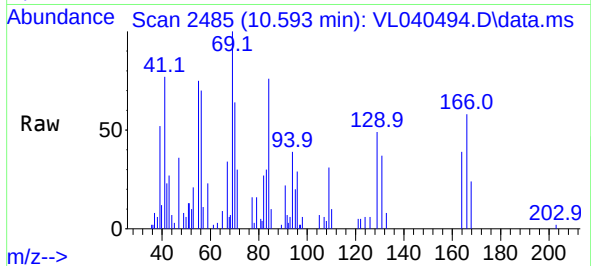


#52
Tetrachloroethene
Concen: 0.034 ppbv
RT: 10.593 min Scan# 2495
Delta R.T. -0.032 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:164 Resp: 2102

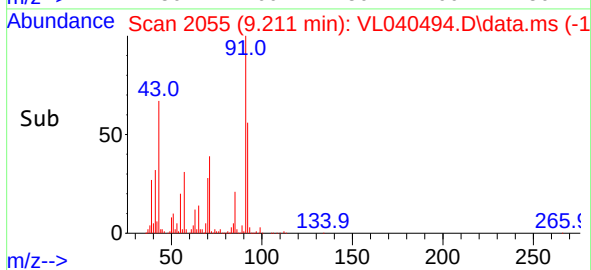
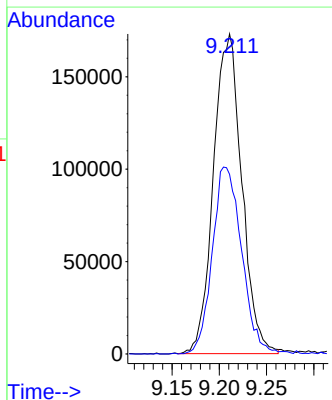
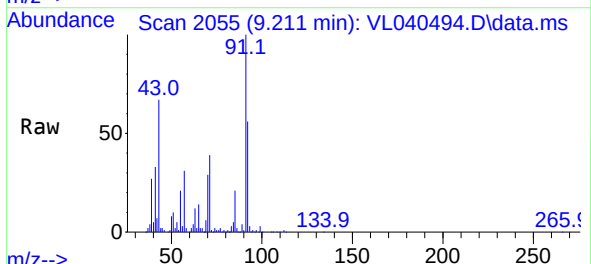
Ion	Ratio	Lower	Upper
164	100		
166	133.0	102.7	154.1
129	116.6	84.6	126.8
131	87.6	85.1	127.7

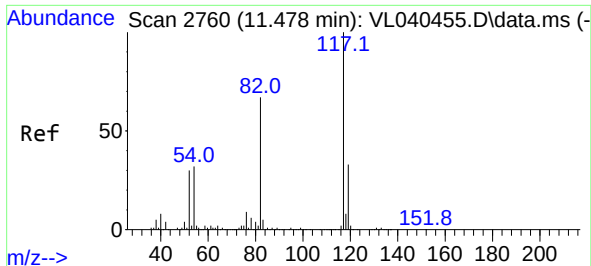


#53
Toluene
Concen: 1.747 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.016 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 91 Resp: 360578

Ion	Ratio	Lower	Upper
91	100		
92	60.8	49.1	73.7

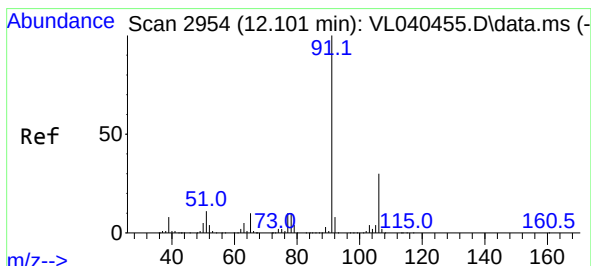
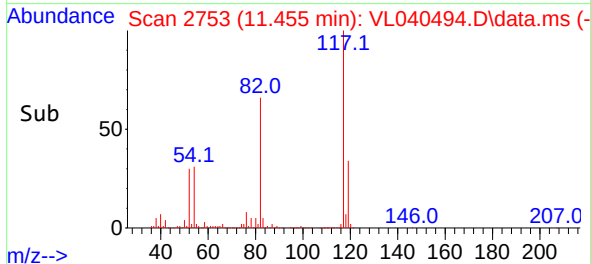
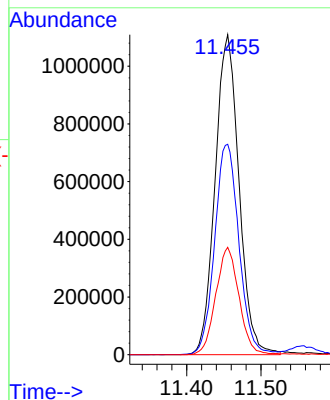
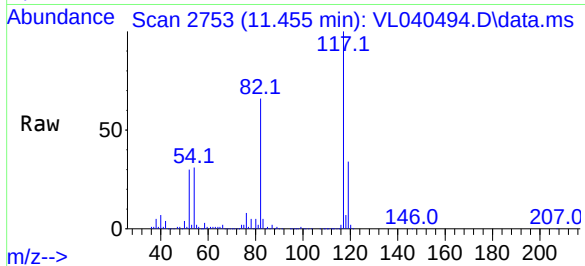




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

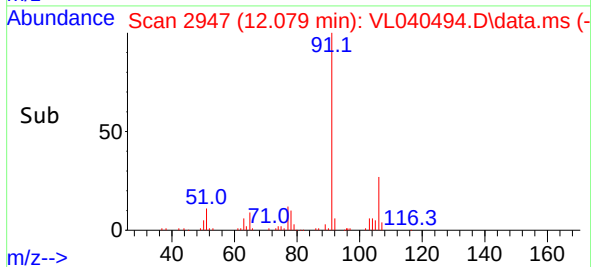
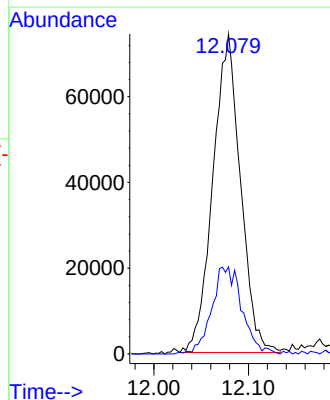
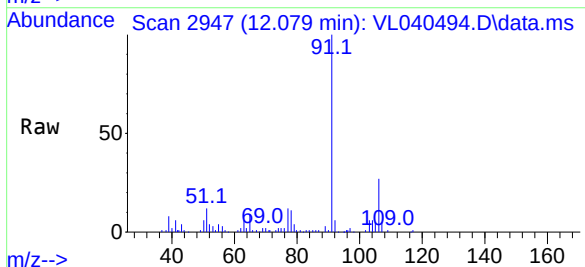
Instrument :
MSVOA_L
ClientSampleId :
SV-2

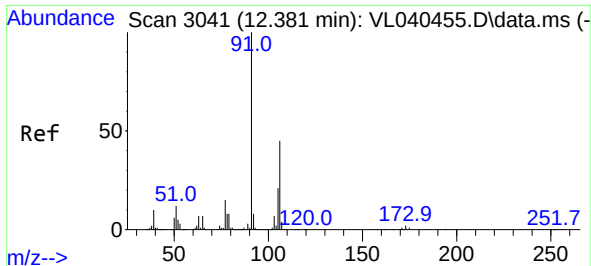
Tgt Ion:117 Resp: 2481408
Ion Ratio Lower Upper
117 100
82 66.8 53.0 79.4
119 32.9 24.4 36.6



#58
Ethyl Benzene
Concen: 0.501 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.023 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 91 Resp: 150610
Ion Ratio Lower Upper
91 100
106 27.3 23.7 35.5





#59

m/p-Xylene

Concen: 1.953 ppbv

RT: 12.333 min Scan# 3041

Delta R.T. -0.048 min

Lab File: VL040494.D

Acq: 22 Jun 2023 20:46

Instrument :

MSVOA_L

ClientSampleId :

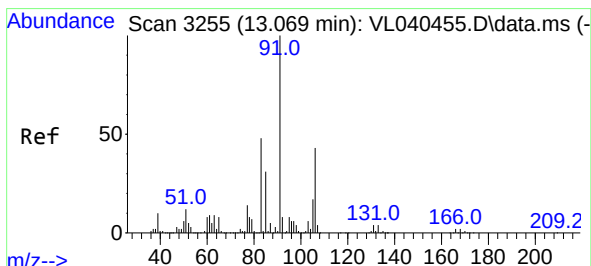
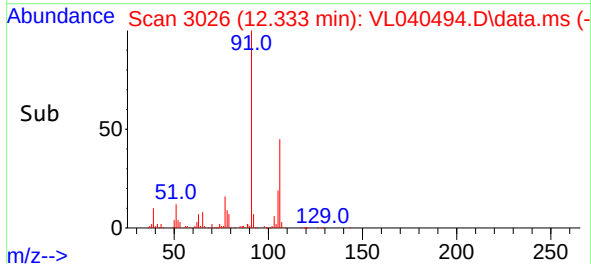
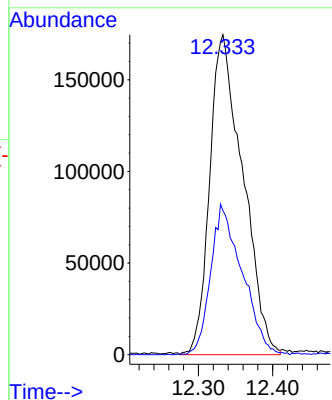
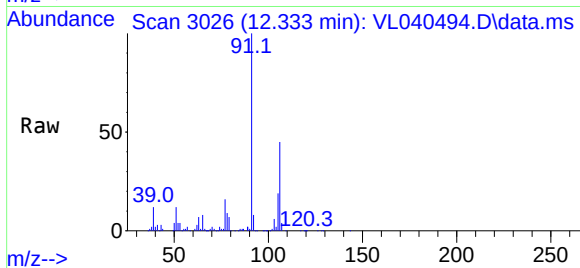
SV-2

Tgt Ion: 91 Resp: 539743

Ion Ratio Lower Upper

91 100

106 44.9 34.6 52.0



#60

o-Xylene

Concen: 0.704 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. -0.026 min

Lab File: VL040494.D

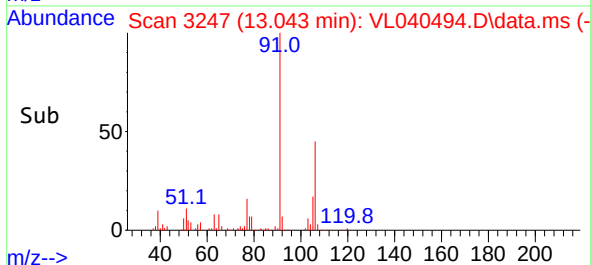
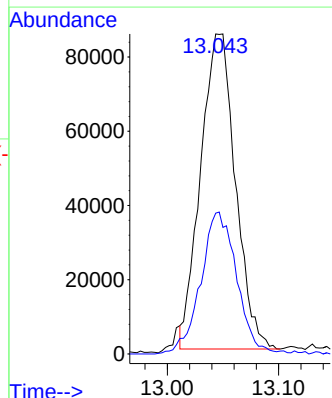
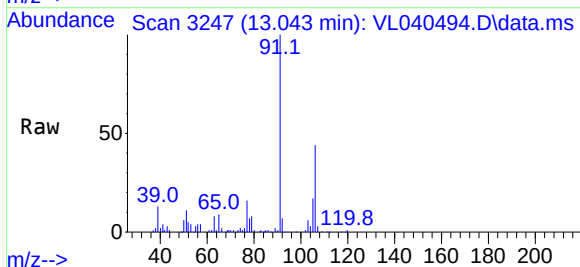
Acq: 22 Jun 2023 20:46

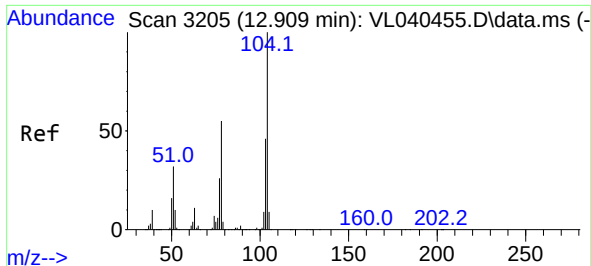
Tgt Ion: 91 Resp: 184458

Ion Ratio Lower Upper

91 100

106 46.9 22.1 66.1

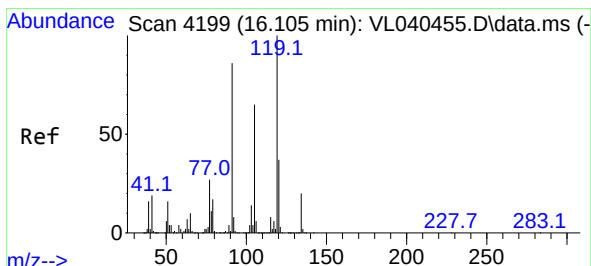
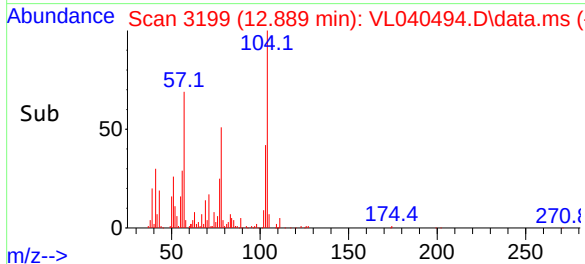
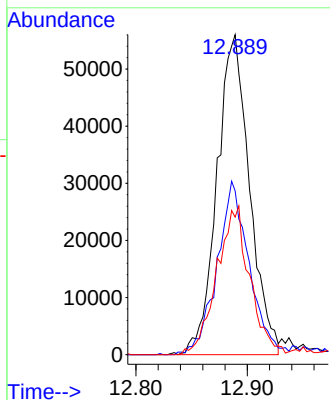
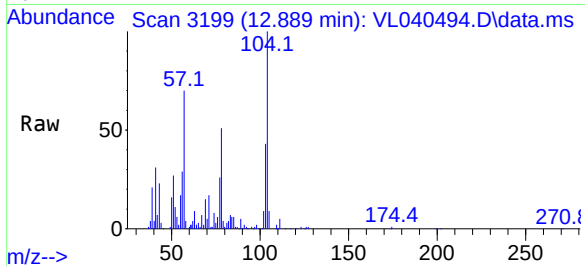




#61
Styrene
Concen: 1.011 ppbv
RT: 12.889 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

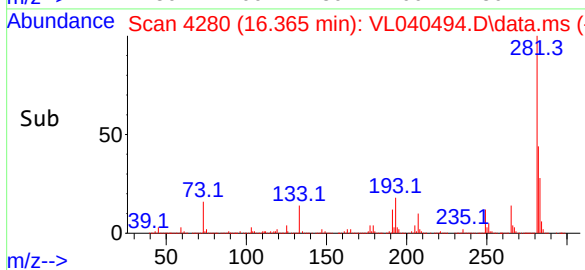
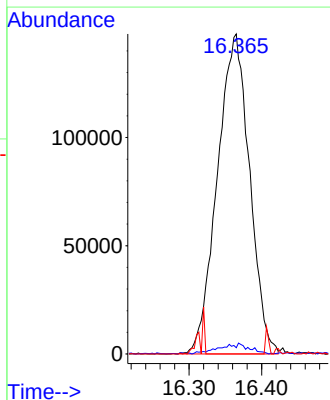
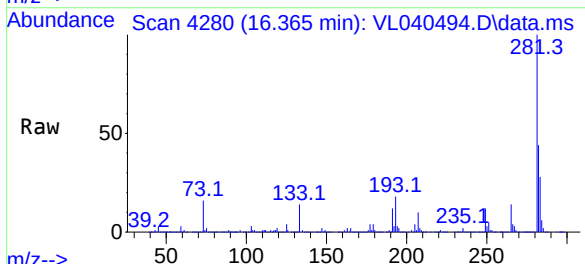
Instrument :
MSVOA_L
ClientSampleId :
SV-2

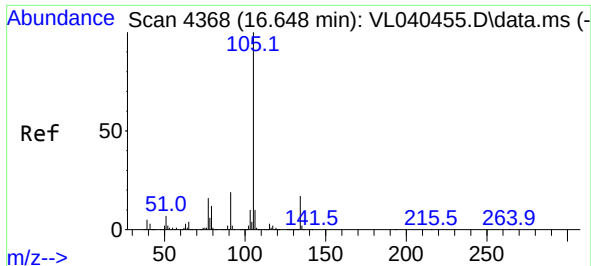
Tgt Ion:104 Resp: 114005
Ion Ratio Lower Upper
104 100
78 55.4 43.1 64.7
103 47.8 37.1 55.7



#65
tert-Butylbenzene
Concen: 1.364 ppbv
RT: 16.365 min Scan# 4280
Delta R.T. 0.260 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion:119 Resp: 455930
Ion Ratio Lower Upper
119 100
91 3.2 70.5 105.7#
134 1.1 15.6 23.4#

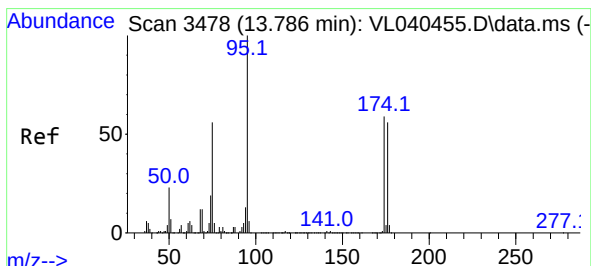
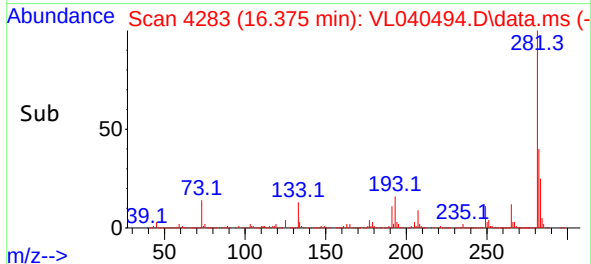
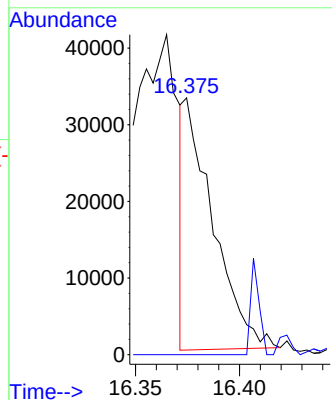
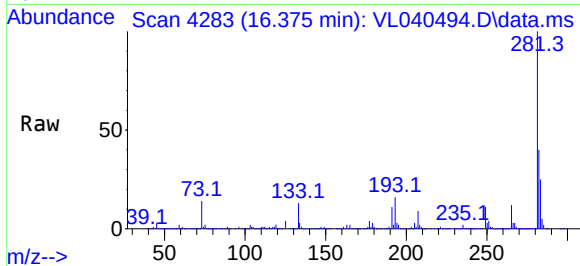




#67
sec-Butylbenzene
Concen: 0.066 ppbv
RT: 16.375 min Scan# 41
Delta R.T. -0.273 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

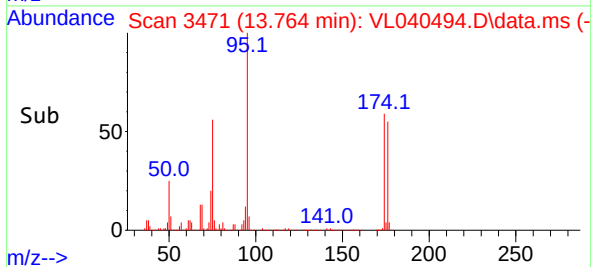
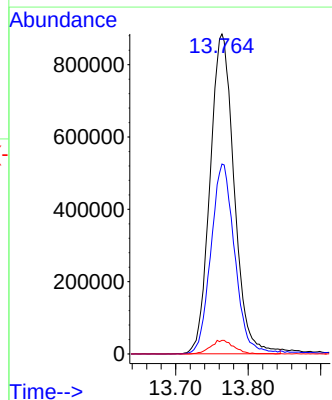
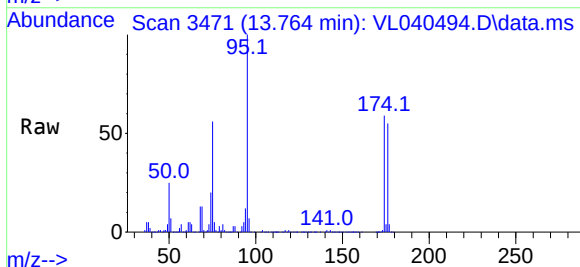
Instrument :
MSVOA_L
ClientSampleId :
SV-2

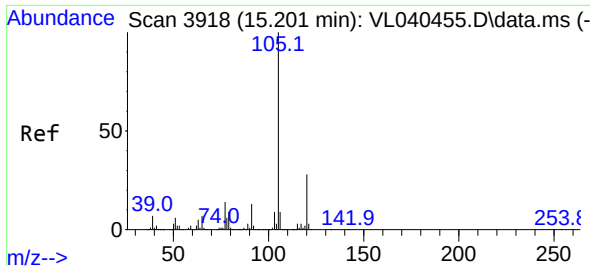
Tgt Ion:105 Resp: 32066
Ion Ratio Lower Upper
105 100
134 16.0 14.0 21.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.964 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.023 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion: 95 Resp: 2040579
Ion Ratio Lower Upper
95 100
174 59.7 47.7 71.5
175 4.2 3.5 5.3

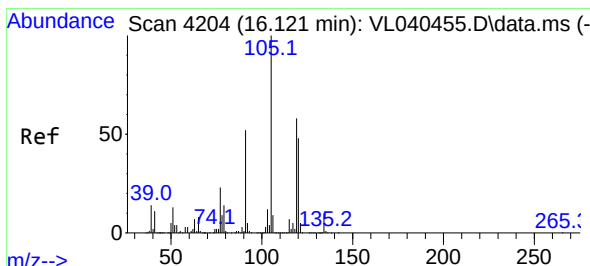
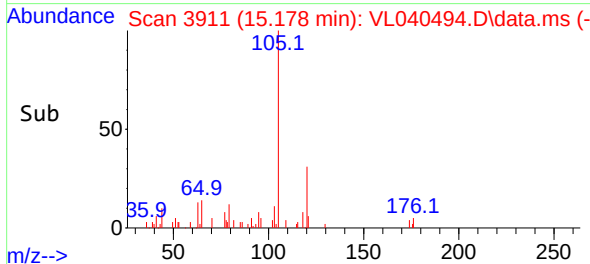
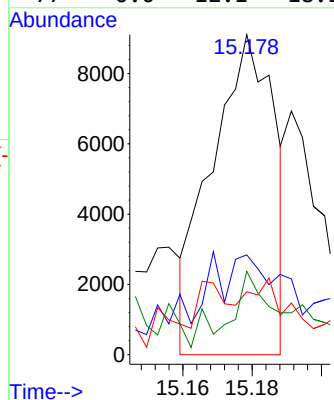
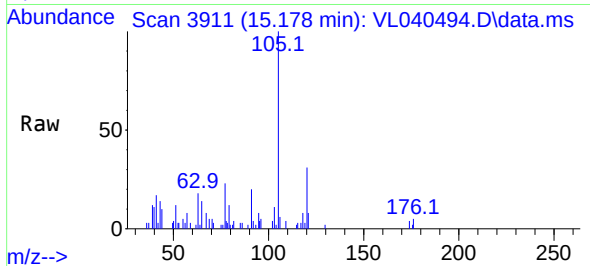




#72
4-Ethyltoluene
Concen: 0.039 ppbv
RT: 15.178 min Scan# 3918
Delta R.T. -0.023 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:	105	Resp:	11456
Ion	Ratio	Lower	Upper
105	100		
120	57.8	23.4	35.0#
91	0.0	11.1	16.7#
77	0.0	12.1	18.1#



#74
1,2,4-Trimethylbenzene
Concen: 0.083 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. -0.032 min
Lab File: VL040494.D
Acq: 22 Jun 2023 20:46

Tgt Ion:	105	Resp:	25339
Ion	Ratio	Lower	Upper
105	100		
120	31.4	38.4	57.6#
91	14.1	41.3	61.9#
77	10.9	18.6	28.0#

