

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040295.D
 Acq On : 16 Mar 2023 14:27
 Operator : SY/MD
 Sample : 01933-03 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-3

Quant Time: Mar 17 04:14:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1060576	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2720887	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2554297	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2119413	9.908	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	44994	0.216	ppbv	96
3) Chlorodifluoromethane	2.677	51	22317	0.167	ppbv	92
4) Chloromethane	2.809	50	8994	0.109	ppbv	92
5) Vinyl Chloride	3.073	62	8287	0.124	ppbv #	79
9) Propene	2.706	41	18309	0.358	ppbv #	79
10) Heptane	7.584	43	26907	0.219	ppbv #	1
11) Trichlorofluoromethane	3.562	101	17375	0.092	ppbv	100
13) Ethanol	3.237	45	1365099	364.302	ppbv	97
15) Acetone	3.465	43	1021242	7.909	ppbv	99
16) 1,3-Butadiene	2.964	39	4485	0.076	ppbv #	9
17) tert-Butyl alcohol	3.890	59	14979	0.122	ppbv #	72
19) Isopropyl Alcohol	3.581	45	64833	1.048	ppbv #	1
20) Methylene Chloride	3.931	84	2111869	38.879	ppbv	96
23) Vinyl Acetate	4.616	43	17039	0.474	ppbv #	29
25) Ethyl Acetate	5.211	43	919164	3.802	ppbv #	82
26) Hexane	5.211	57	1120794	11.296	ppbv #	40
27) Carbon Disulfide	4.517	76	95876	0.692	ppbv #	81
28) Methyl tert-Butyl Ether	4.581	73	4660	0.041	ppbv #	53
30) Cyclohexane	6.600	84	13029	0.167	ppbv #	67
31) cis-1,2-Dichloroethene	5.205	61	19328	0.200	ppbv #	25
34) 2-Butanone	4.787	43	390933	2.911	ppbv	99
36) Benzene	6.369	78	74978	0.362	ppbv	95
39) 1,2-Dichloropropane	6.652	63	682160	8.385	ppbv #	24
41) Tetrahydrofuran	5.562	42	99039	1.278	ppbv	96
44) 2,2,4-Trimethylpentane	7.327	57	722492	2.090	ppbv	92
50) 4-Methyl-2-Pentanone	8.195	43	123348	0.594	ppbv	97
51) 2-Hexanone	9.539	43	9405	0.058	ppbv #	90
52) Tetrachloroethene	10.619	164	49435	0.788	ppbv	83
53) Toluene	9.221	91	1733643	7.978	ppbv	98
58) Ethyl Benzene	12.092	91	624481	2.147	ppbv	98
59) m/p-Xylene	12.346	91	2053987	7.709	ppbv	95
60) o-Xylene	13.060	91	898336	3.527	ppbv	100
61) Styrene	12.899	104	12468	0.096	ppbv #	27
62) Isopropylbenzene	14.034	105	61456	0.169	ppbv	93
64) n-propylbenzene	14.924	120	48466	0.546	ppbv	88
65) tert-Butylbenzene	16.114	119	49671	0.159	ppbv #	1
66) Benzyl Chloride	16.349	91	963	0.047	ppbv #	1
70) n-Butylbenzene	17.883	91	24501	0.064	ppbv #	42
72) 4-Ethyltoluene	15.198	105	309894	1.113	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	256107	1.015	ppbv	94
74) 1,2,4-Trimethylbenzene	16.111	105	1041026	3.619	ppbv #	70
79) Naphthalene	21.397	128	78732	0.463	ppbv	98

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

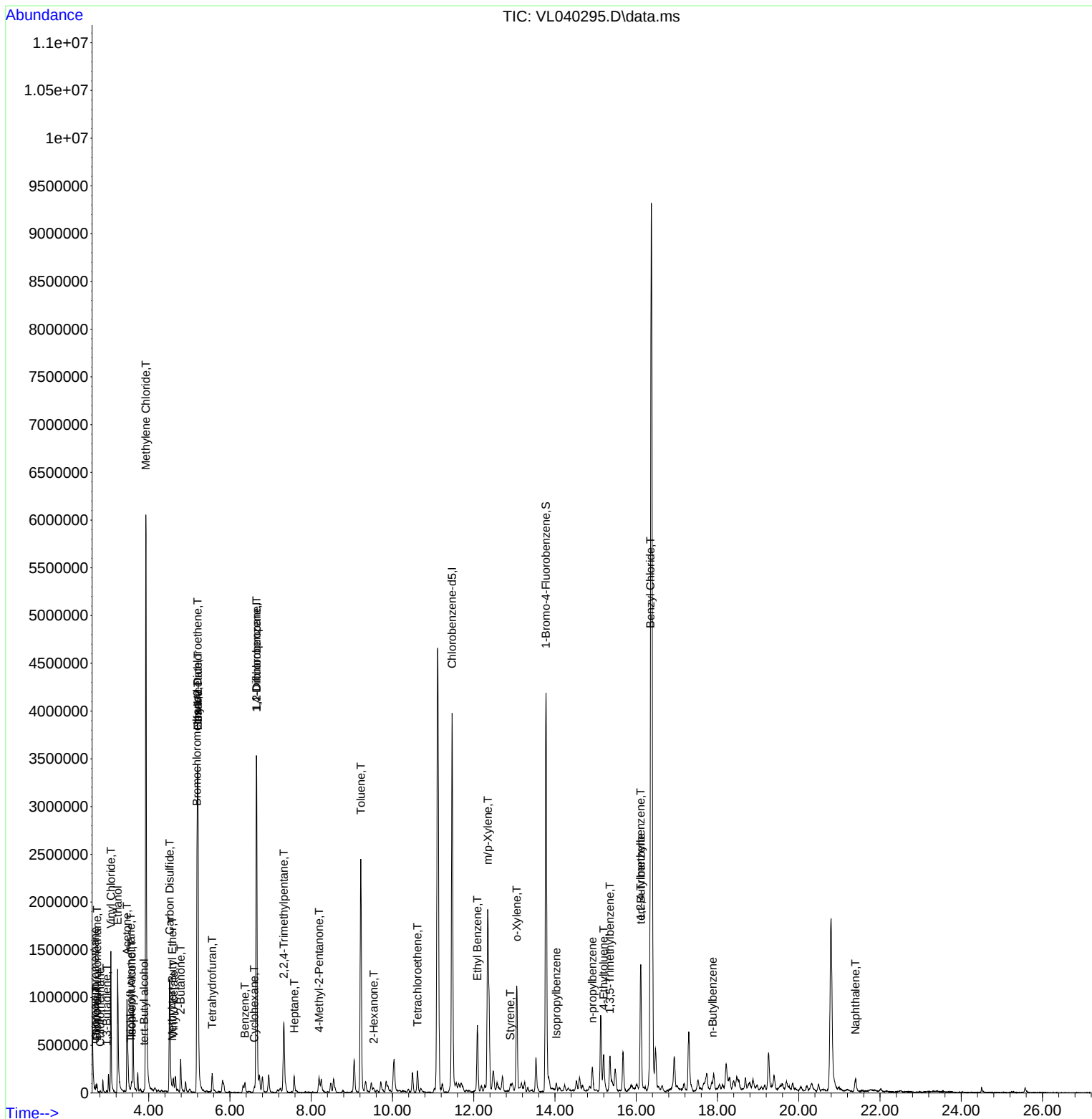
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3

Quant Time: Mar 17 04:14:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

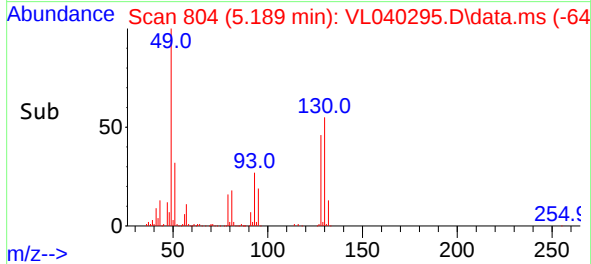
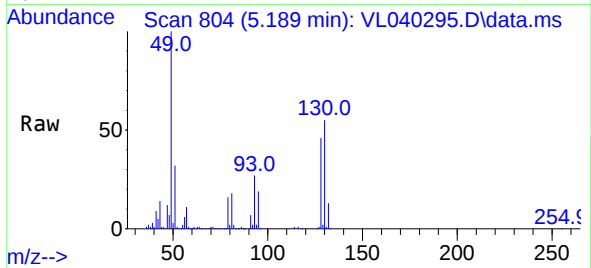
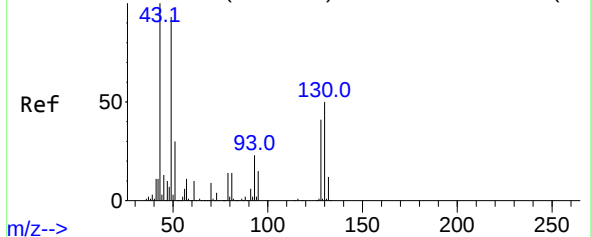
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Mar 17 04:14:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration



Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 80

Delta R.T. -0.000 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Instrument :

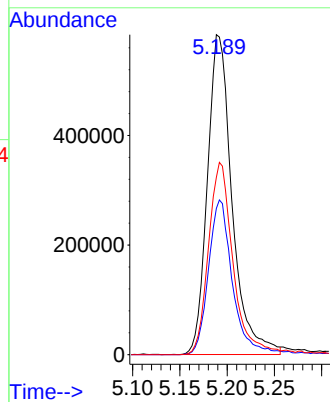
MSVOA_L

ClientSampleId :

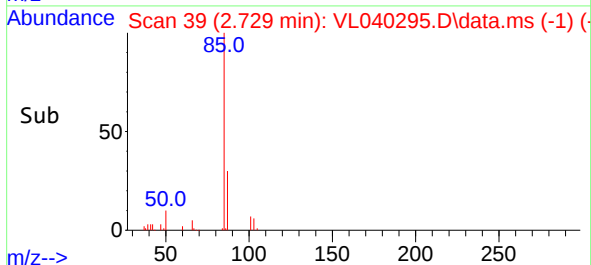
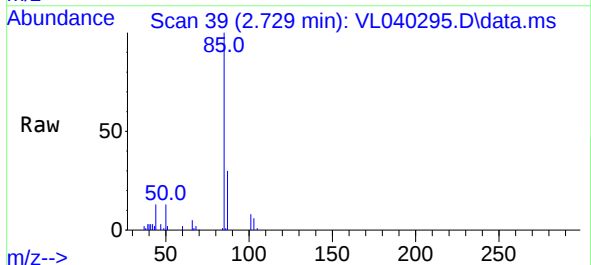
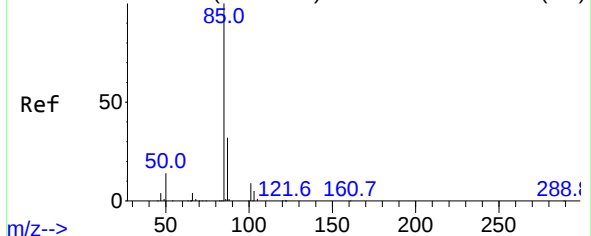
SSSG-3

Tgt Ion: 49 Resp: 1060576

Ion	Ratio	Lower	Upper
49	100		
128	48.0	22.4	67.3
130	61.9	28.7	86.1



Abundance Scan 36 (2.719 min): VL040279.D\data.ms (-28)



#2

Dichlorodifluoromethane

Concen: 0.216 ppbv

RT: 2.729 min Scan# 39

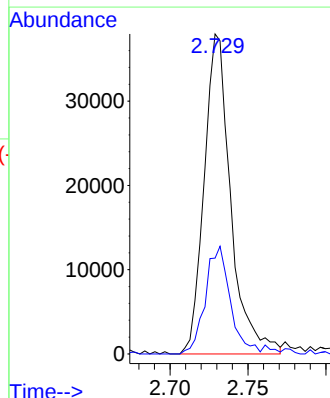
Delta R.T. 0.010 min

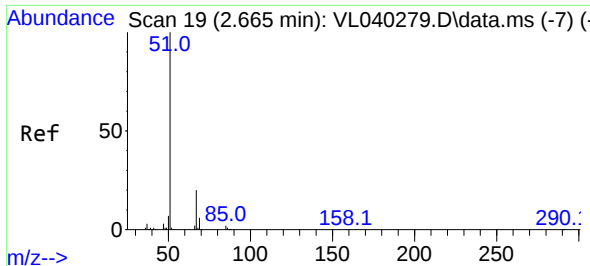
Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Tgt Ion: 85 Resp: 44994

Ion	Ratio	Lower	Upper
85	100		
87	29.9	25.5	38.3

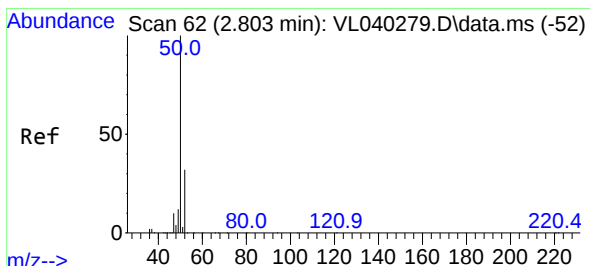
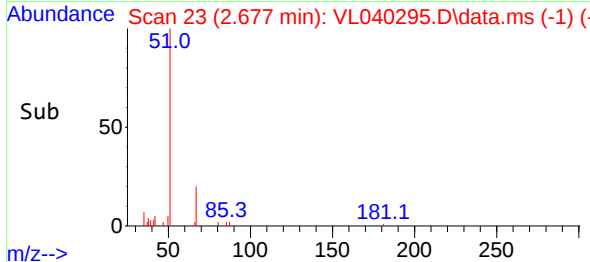
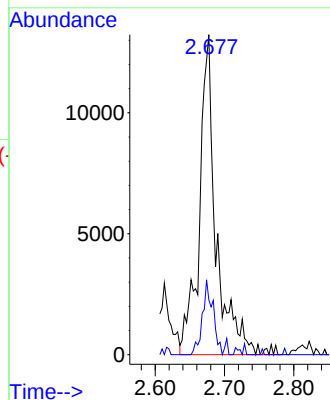
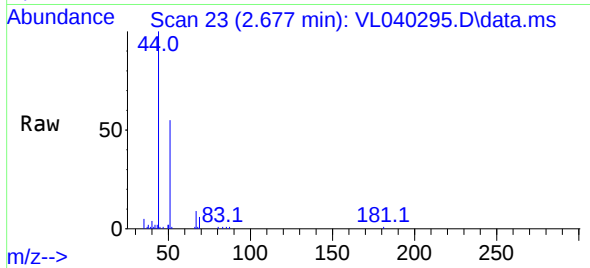




#3
Chlorodifluoromethane
Concen: 0.167 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.012 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

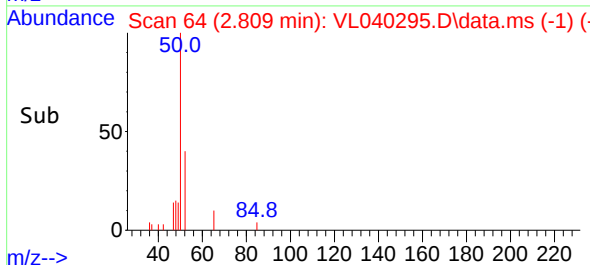
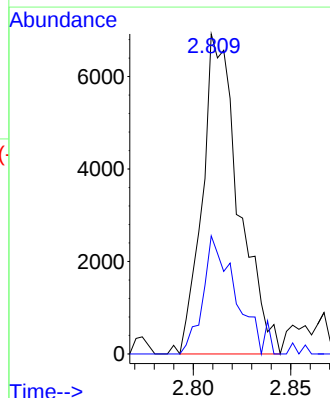
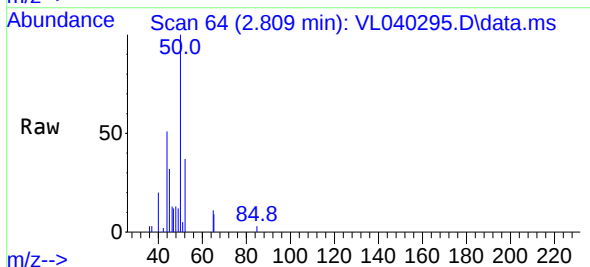
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3

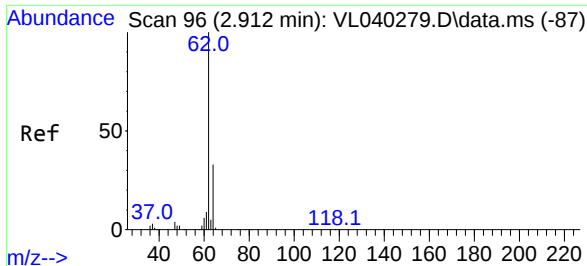
Tgt Ion: 51 Resp: 22317
Ion Ratio Lower Upper
51 100
67 16.4 16.0 24.0



#4
Chloromethane
Concen: 0.109 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 50 Resp: 8994
Ion Ratio Lower Upper
50 100
52 36.9 25.9 38.9

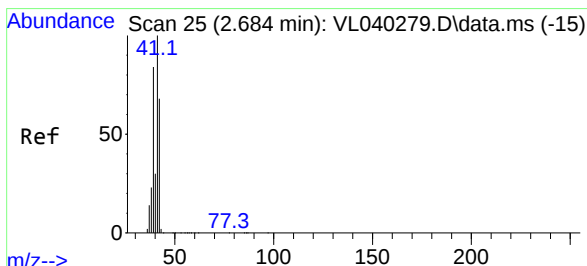
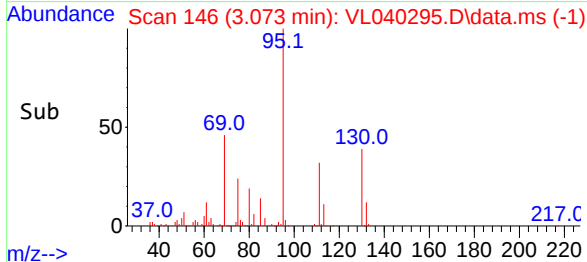
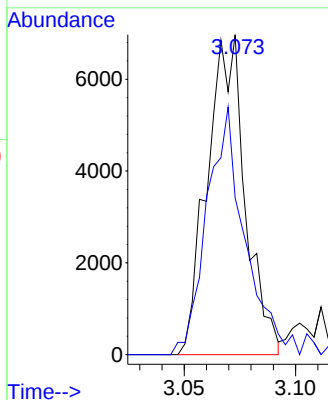
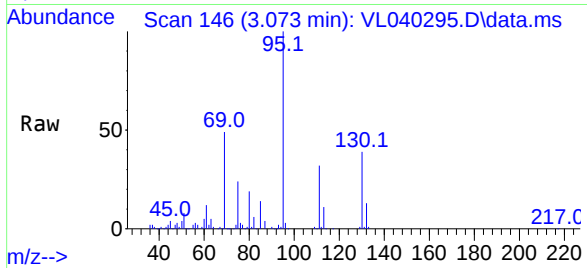




#5
 Vinyl Chloride
 Concen: 0.124 ppbv
 RT: 3.073 min Scan# 14
 Delta R.T. 0.161 min
 Lab File: VL040295.D
 Acq: 16 Mar 2023 14:27

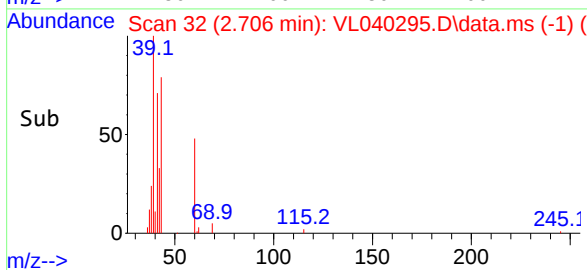
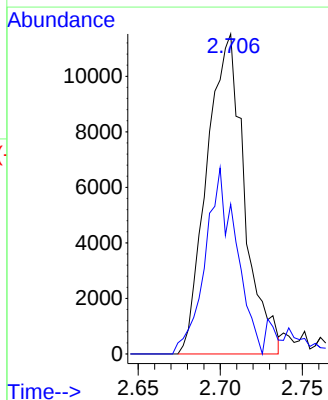
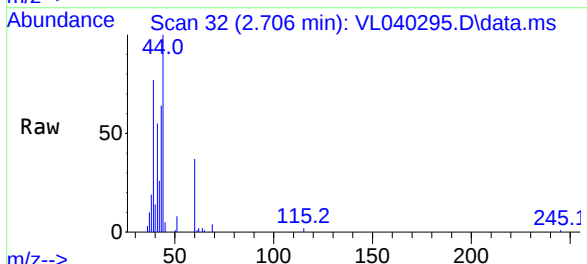
Instrument :
 MSVOA_1
 ClientSampleId :
 SSSG-3

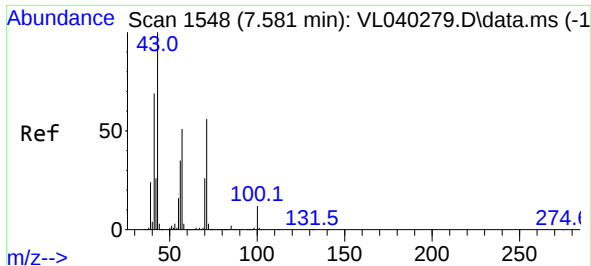
Tgt Ion: 62 Resp: 8287
 Ion Ratio Lower Upper
 62 100
 64 45.1 26.4 39.6#



#9
 Propene
 Concen: 0.358 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. 0.022 min
 Lab File: VL040295.D
 Acq: 16 Mar 2023 14:27

Tgt Ion: 41 Resp: 18309
 Ion Ratio Lower Upper
 41 100
 42 55.7 59.0 88.4#





#10

Heptane

Concen: 0.219 ppbv

RT: 7.584 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

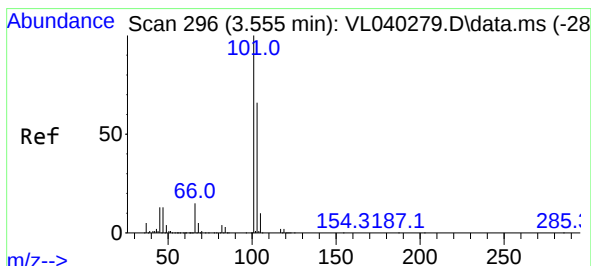
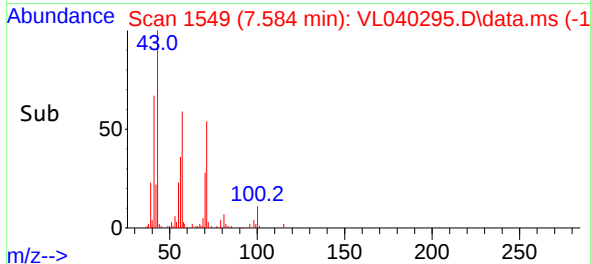
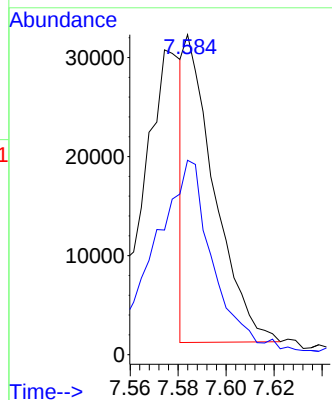
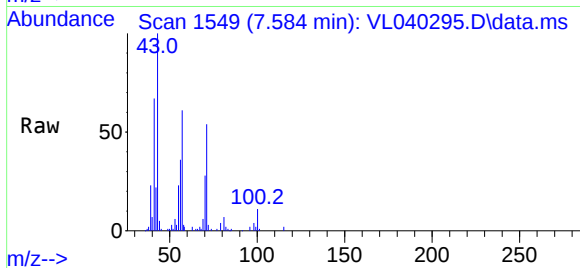
SSSG-3

Tgt Ion: 43 Resp: 26907

Ion Ratio Lower Upper

43 100

57 134.3 41.7 62.5#



#11

Trichlorofluoromethane

Concen: 0.092 ppbv

RT: 3.562 min Scan# 298

Delta R.T. 0.007 min

Lab File: VL040295.D

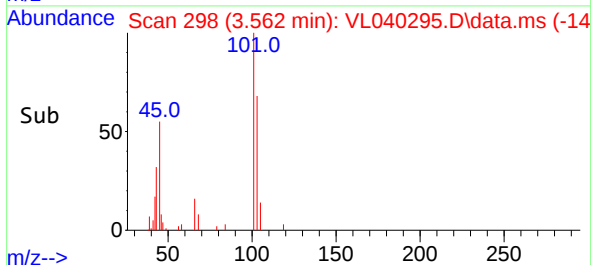
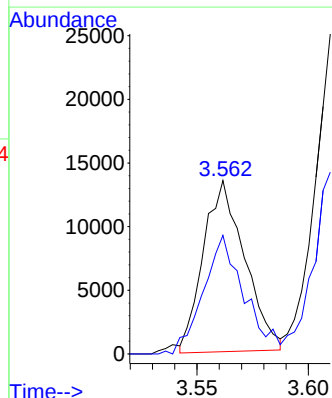
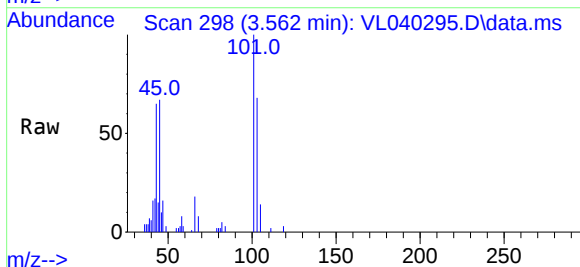
Acq: 16 Mar 2023 14:27

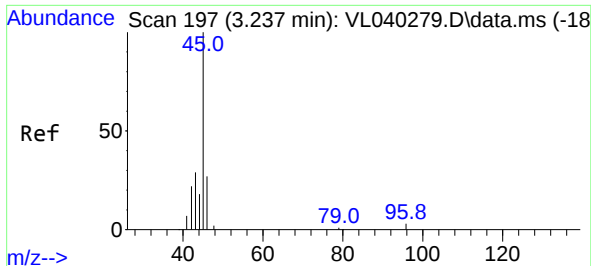
Tgt Ion:101 Resp: 17375

Ion Ratio Lower Upper

101 100

103 66.1 53.1 79.7

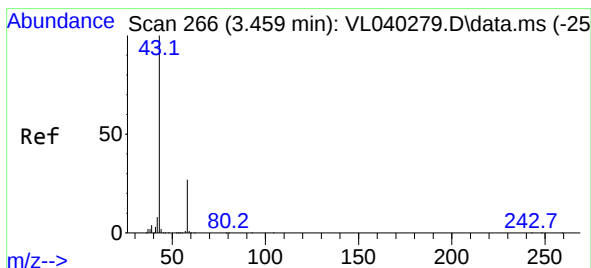
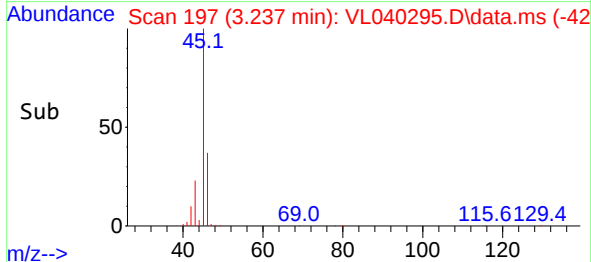
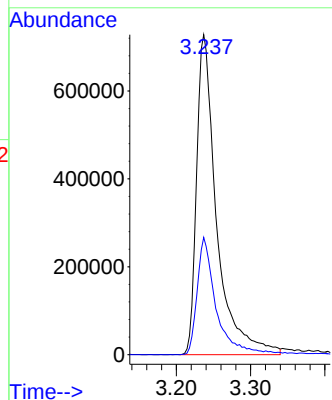
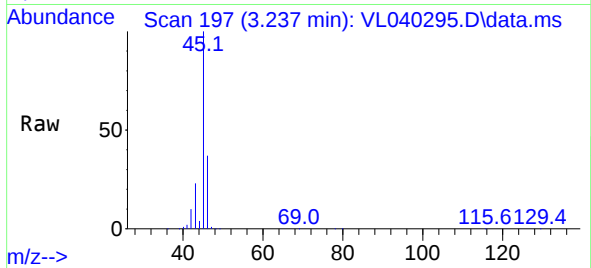




#13
Ethanol
Concen: 364.302 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.000 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

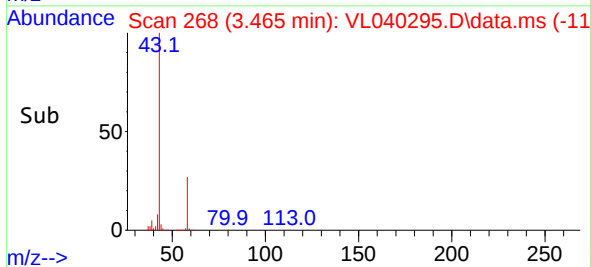
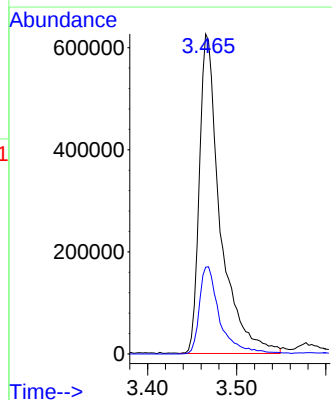
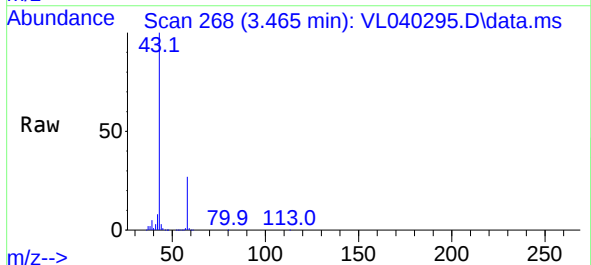
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

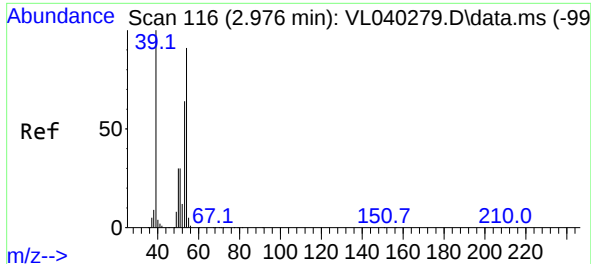
Tgt Ion: 45 Resp: 1365099
Ion Ratio Lower Upper
45 100
46 36.1 15.0 60.2



#15
Acetone
Concen: 7.909 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 43 Resp: 1021242
Ion Ratio Lower Upper
43 100
58 26.9 21.8 32.8

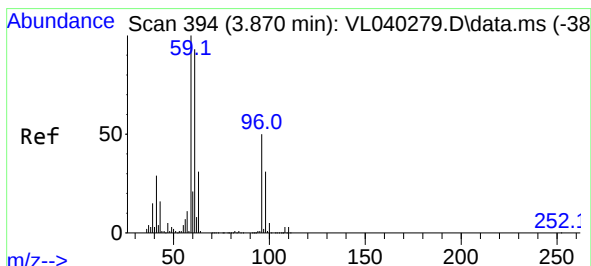
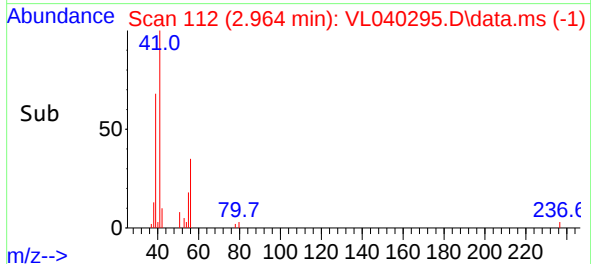
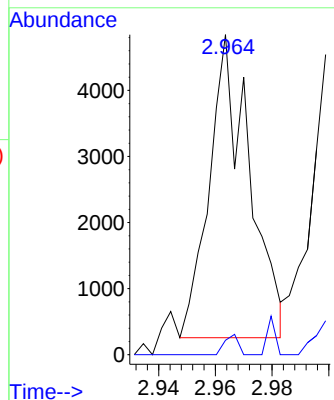
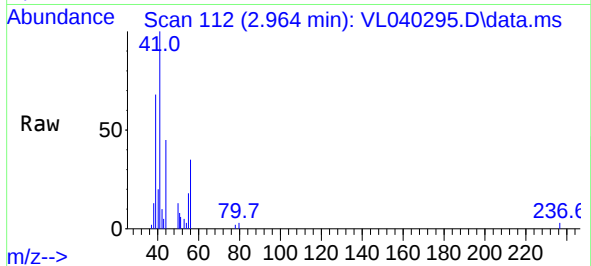




#16
1,3-Butadiene
Concen: 0.076 ppbv
RT: 2.964 min Scan# 116
Delta R.T. -0.012 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

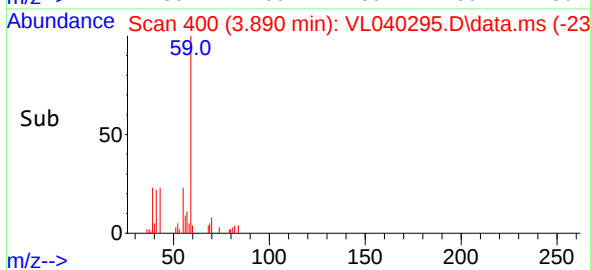
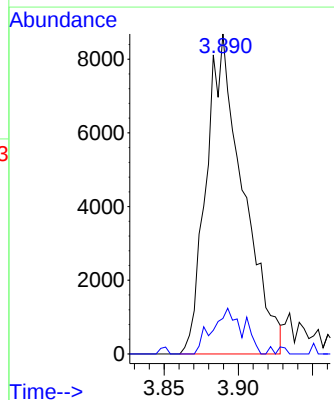
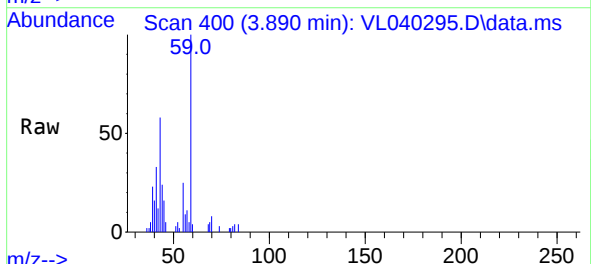
Instrument :
MSVOA_L
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SSSG-3

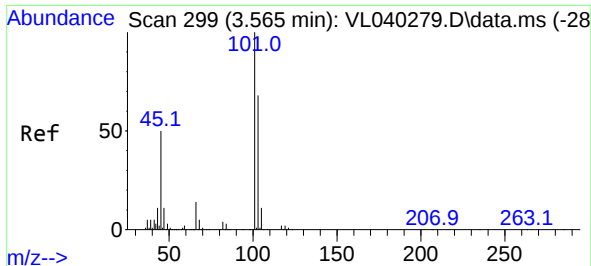
Tgt Ion: 39 Resp: 4485
Ion Ratio Lower Upper
39 100
54 2.3 68.4 102.6#



#17
tert-Butyl alcohol
Concen: 0.122 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.020 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 59 Resp: 14979
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#19

Isopropyl Alcohol

Concen: 1.048 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.016 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

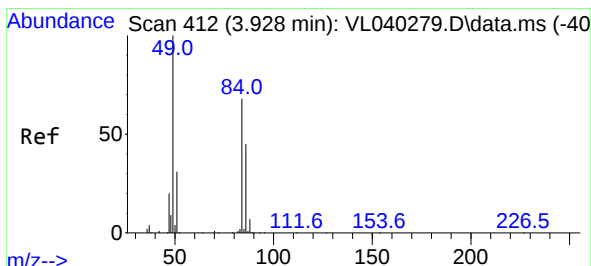
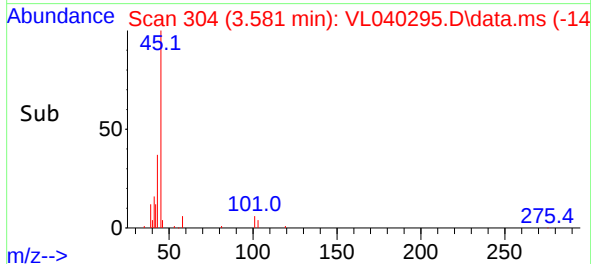
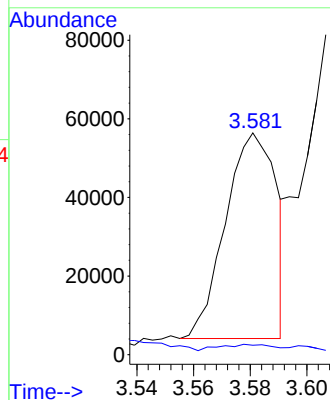
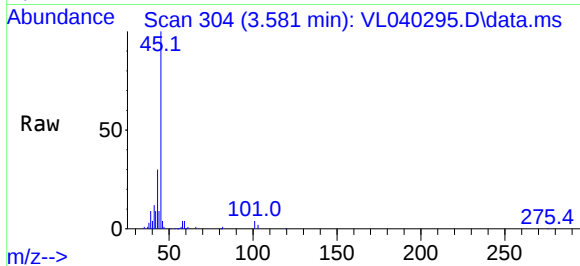
SSSG-3

Tgt Ion: 45 Resp: 64833

Ion Ratio Lower Upper

45 100

58 423.1 2.7 4.1#



#20

Methylene Chloride

Concen: 38.879 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.003 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Tgt Ion: 84 Resp: 2111869

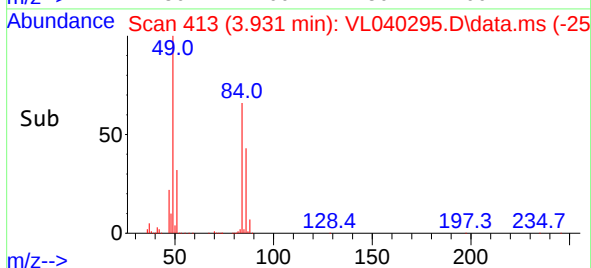
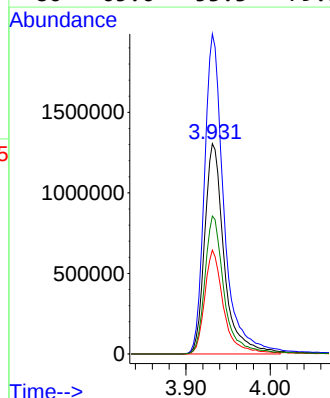
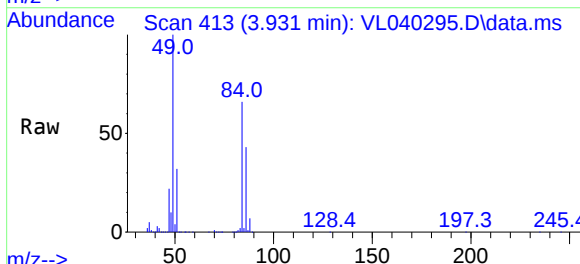
Ion Ratio Lower Upper

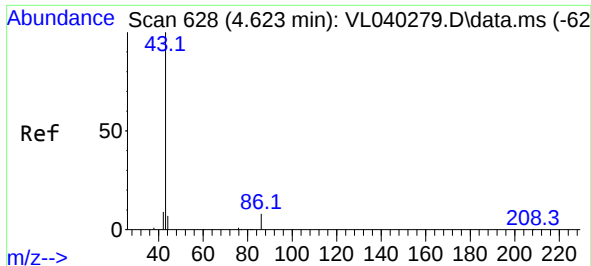
84 100

49 152.2 117.5 176.3

51 49.3 36.9 55.3

86 65.6 53.3 79.9

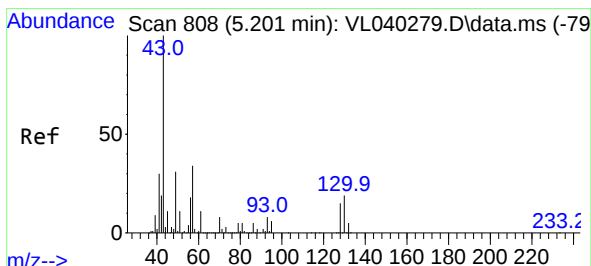
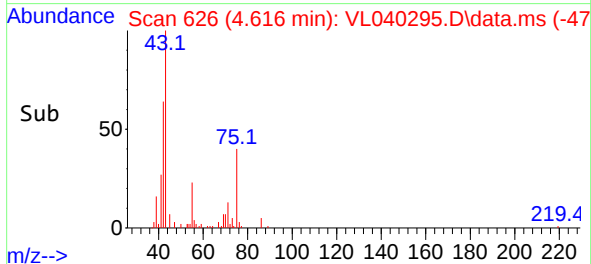
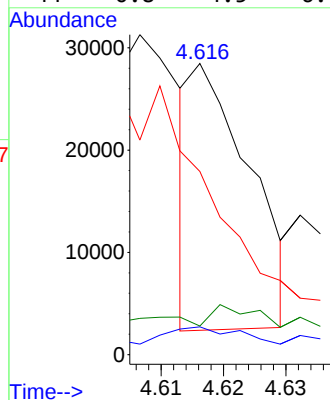
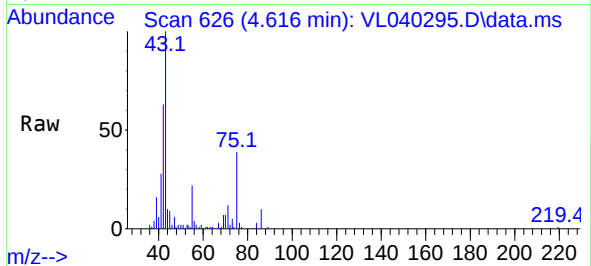




#23
Vinyl Acetate
Concen: 0.474 ppbv
RT: 4.616 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

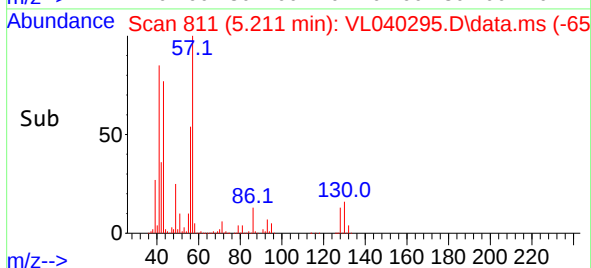
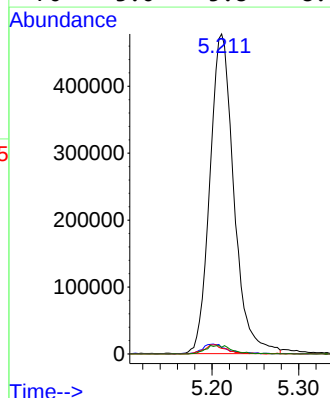
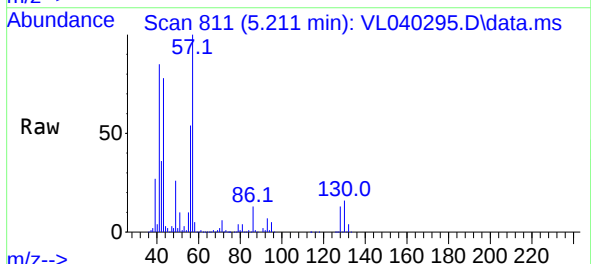
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

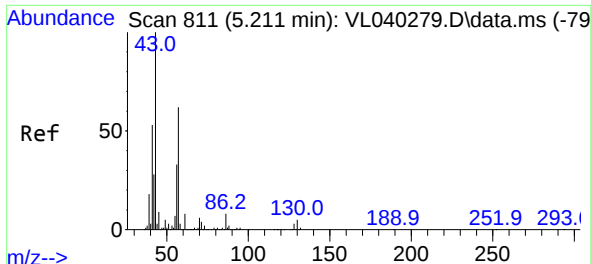
Tgt Ion: 43 Resp: 17039
Ion Ratio Lower Upper
43 100
86 9.7 5.0 7.4#
42 61.5 9.1 13.7#
44 0.8 4.5 6.7#



#25
Ethyl Acetate
Concen: 3.802 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 43 Resp: 919164
Ion Ratio Lower Upper
43 100
45 3.3 8.6 12.8#
61 2.8 8.4 12.6#
70 3.0 5.8 8.6#



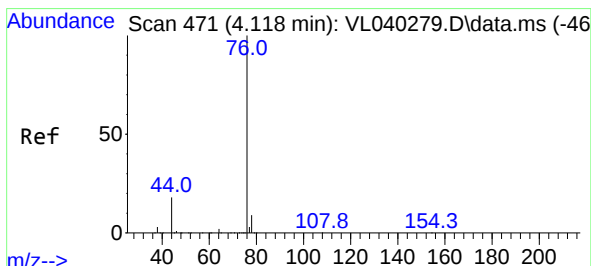
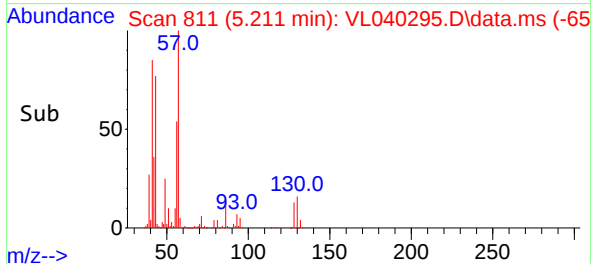
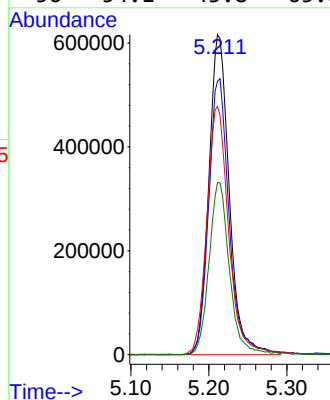
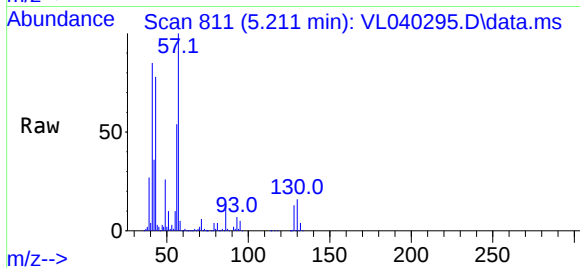


#26
Hexane
Concen: 11.296 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
SSSG-3

Tgt Ion: 57 Resp: 1120794

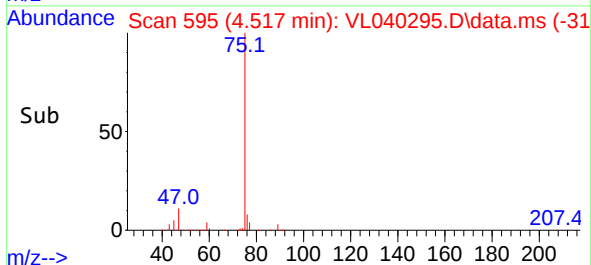
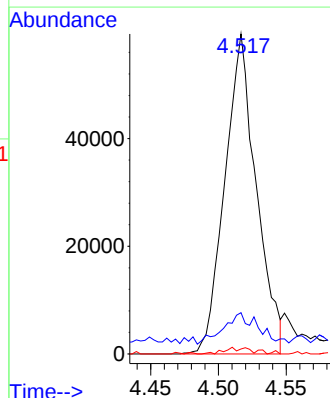
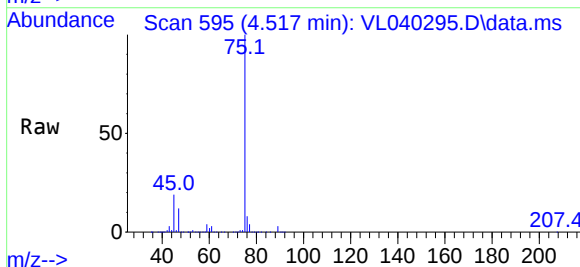
Ion	Ratio	Lower	Upper
57	100		
41	87.3	73.5	110.3
43	82.8	196.3	294.5#
56	54.1	43.8	65.8

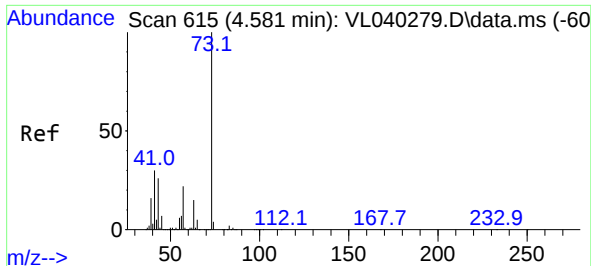


#27
Carbon Disulfide
Concen: 0.692 ppbv
RT: 4.517 min Scan# 595
Delta R.T. 0.399 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 76 Resp: 95876

Ion	Ratio	Lower	Upper
76	100		
44	10.6	15.2	22.8#
78	2.1	7.6	11.4#





#28

Methyl tert-Butyl Ether

Concen: 0.041 ppbv

RT: 4.581 min Scan# 615

Delta R.T. -0.000 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Instrument :

MSVOA_1

ClientSampleId :

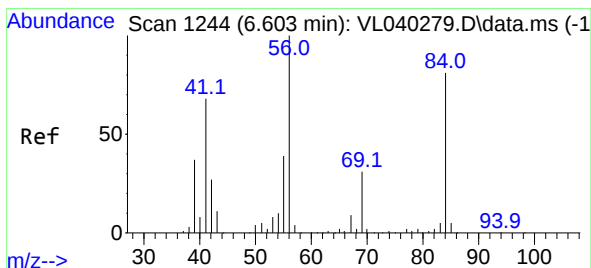
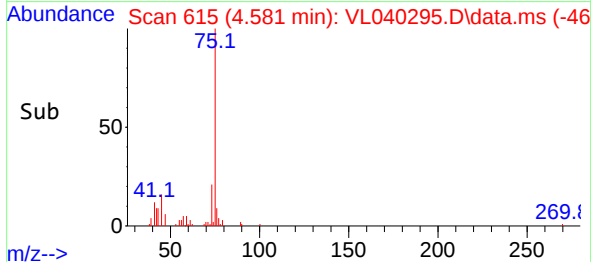
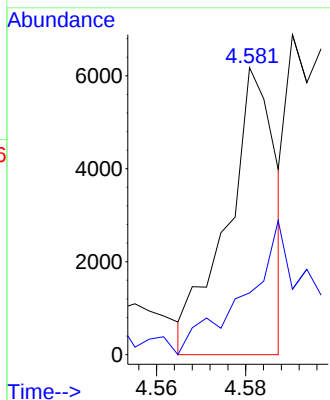
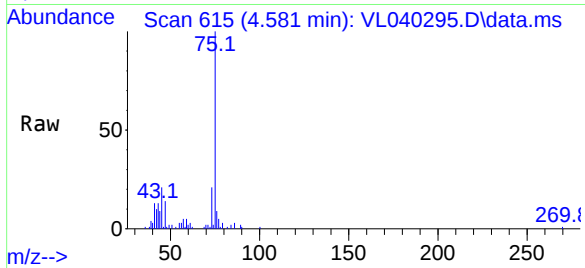
SSSG-3

Tgt Ion: 73 Resp: 4660

Ion Ratio Lower Upper

73 100

57 0.0 18.4 27.6#



#30

Cyclohexane

Concen: 0.167 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

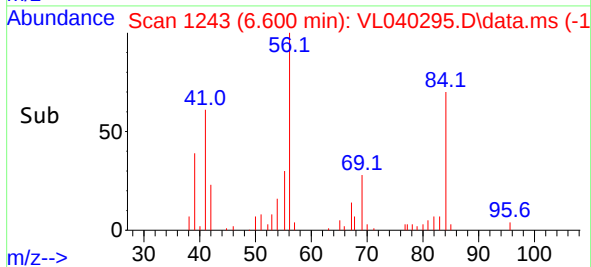
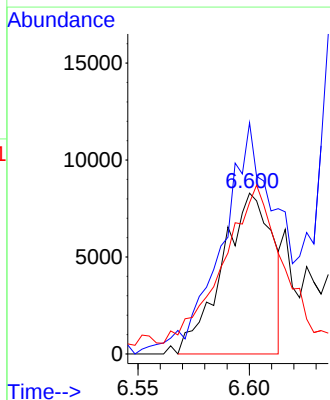
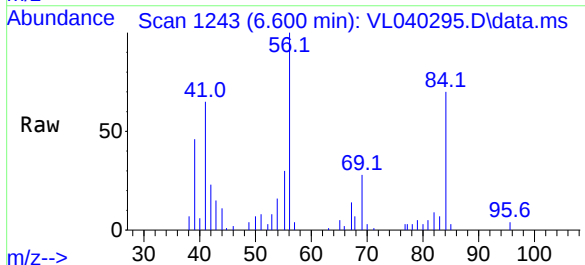
Tgt Ion: 84 Resp: 13029

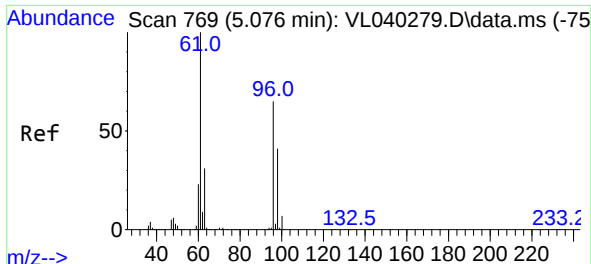
Ion Ratio Lower Upper

84 100

56 149.9 109.0 163.4

41 146.6 67.9 101.9#

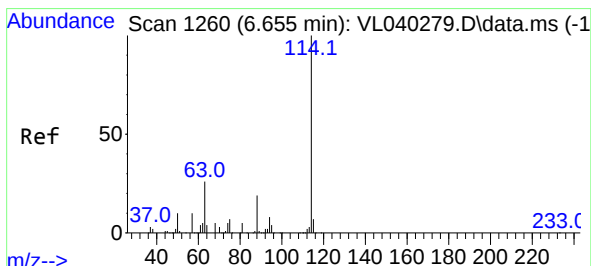
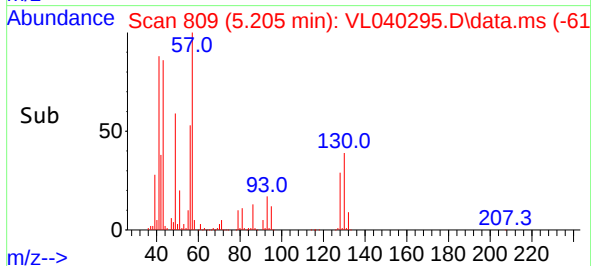
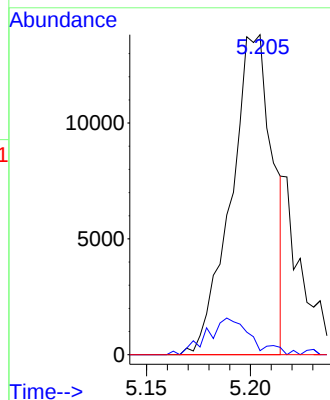
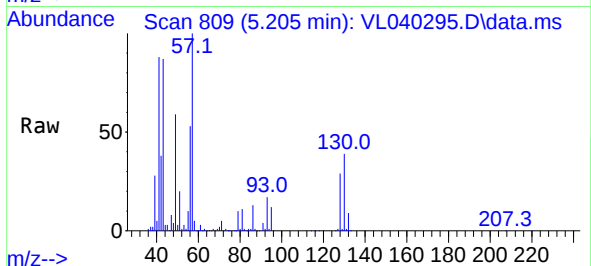




#31
 cis-1,2-Dichloroethene
 Concen: 0.200 ppbv
 RT: 5.205 min Scan# 80
 Delta R.T. 0.129 min
 Lab File: VL040295.D
 Acq: 16 Mar 2023 14:27

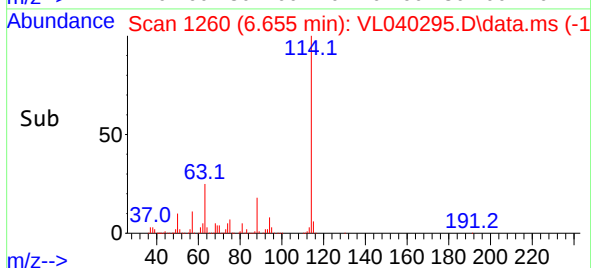
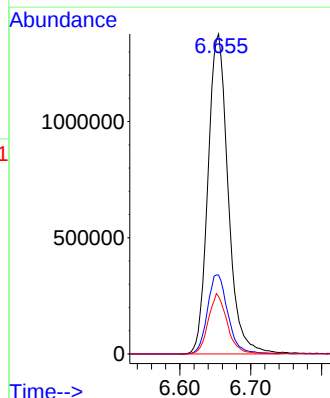
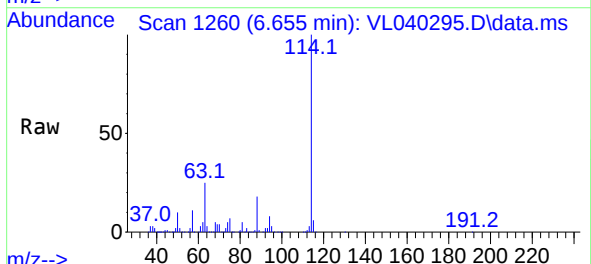
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-3

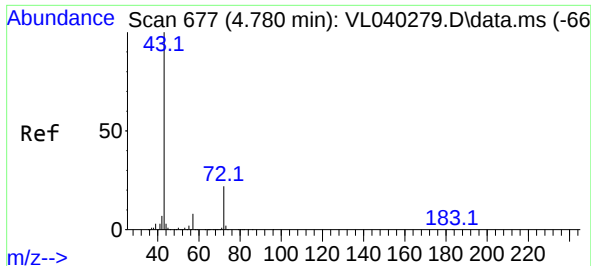
Tgt Ion: 61 Resp: 19328
 Ion Ratio Lower Upper
 61 100
 96 1.3 51.8 77.8#
 98 0.0 32.5 48.7#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.655 min Scan# 1260
 Delta R.T. -0.000 min
 Lab File: VL040295.D
 Acq: 16 Mar 2023 14:27

Tgt Ion: 114 Resp: 2720887
 Ion Ratio Lower Upper
 114 100
 63 25.3 21.2 31.8
 88 17.8 14.5 21.7





#34

2-Butanone

Concen: 2.911 ppbv

RT: 4.787 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Instrument :

MSVOA_1

ClientSampleId :

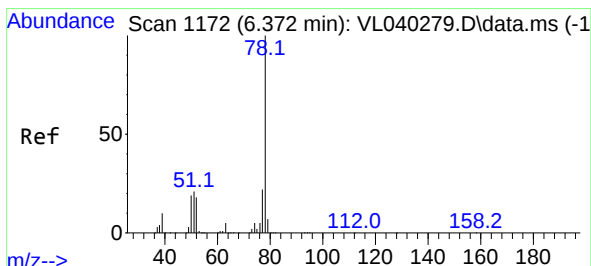
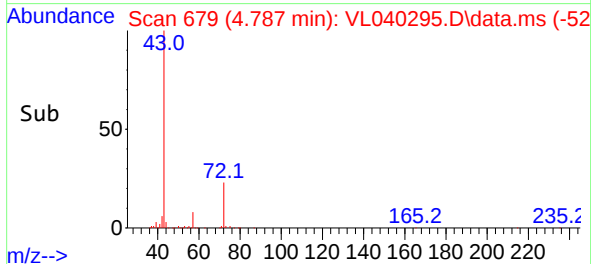
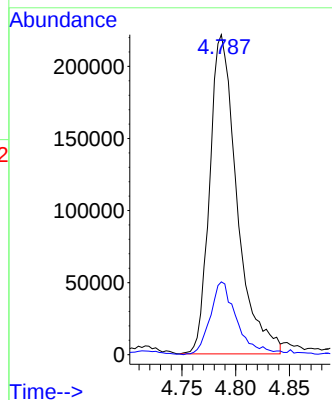
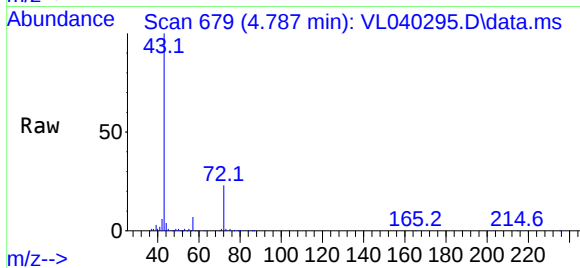
SSSG-3

Tgt Ion: 43 Resp: 390933

Ion Ratio Lower Upper

43 100

72 23.4 18.3 27.5



#36

Benzene

Concen: 0.362 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

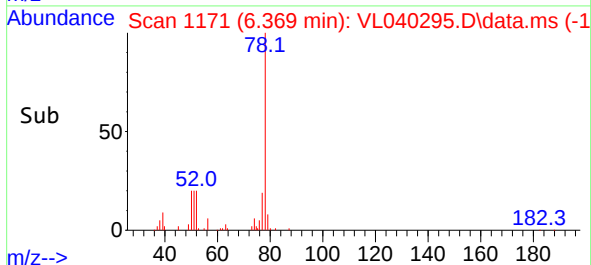
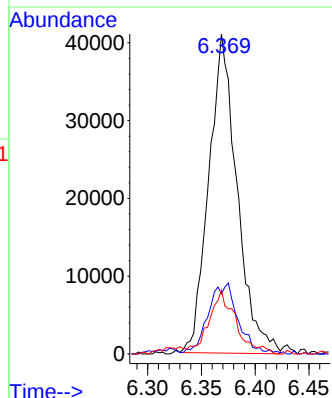
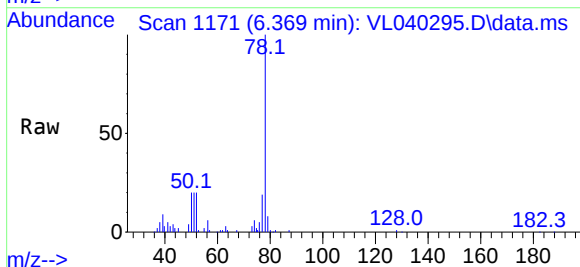
Tgt Ion: 78 Resp: 74978

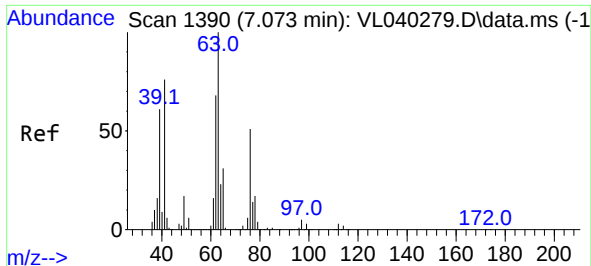
Ion Ratio Lower Upper

78 100

77 18.5 17.8 26.8

50 20.0 15.4 23.2





#39

1,2-Dichloropropane

Concen: 8.385 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

Instrument :

MSVOA_1

ClientSampleId :

SSSG-3

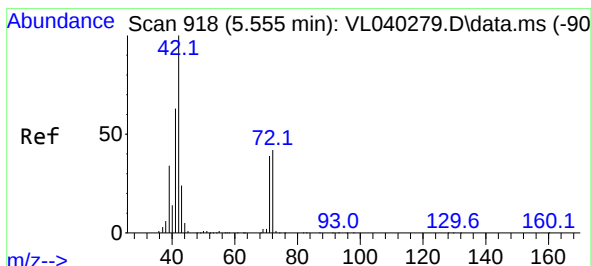
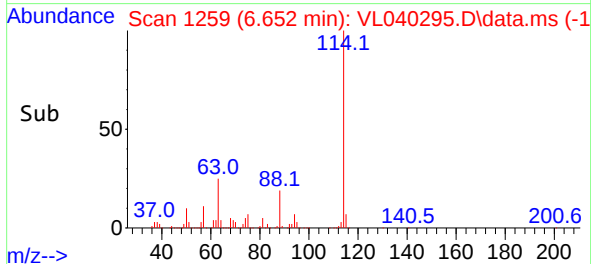
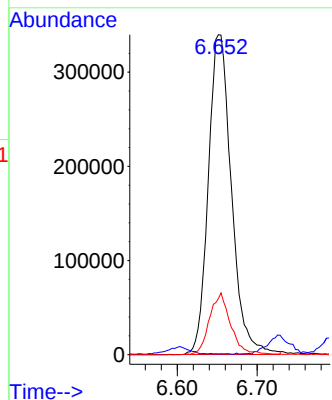
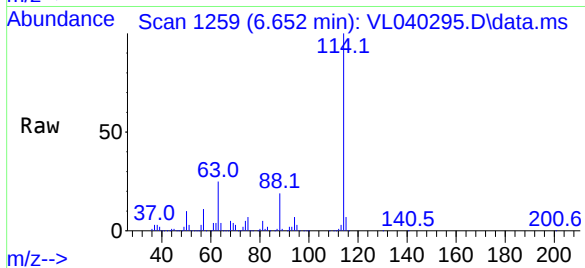
Tgt Ion: 63 Resp: 682160

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 17.6 54.1 81.1#



#41

Tetrahydrofuran

Concen: 1.278 ppbv

RT: 5.562 min Scan# 920

Delta R.T. 0.007 min

Lab File: VL040295.D

Acq: 16 Mar 2023 14:27

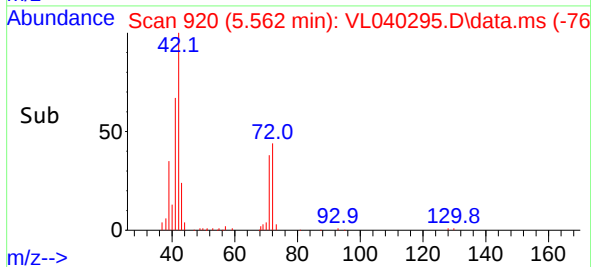
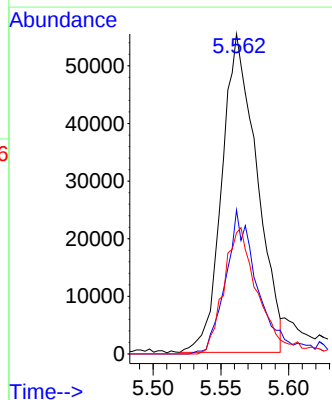
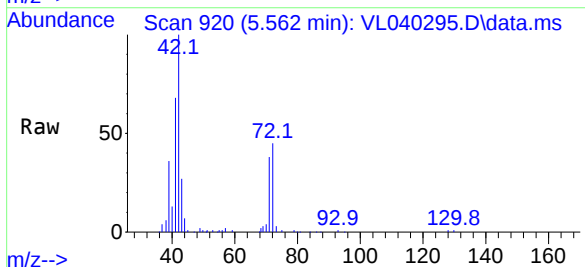
Tgt Ion: 42 Resp: 99039

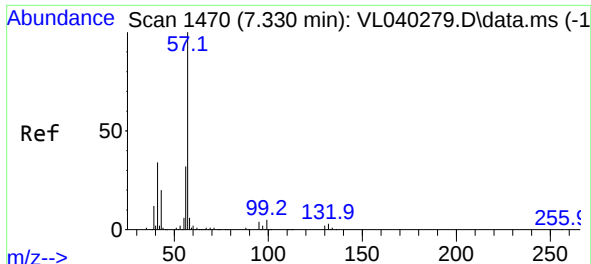
Ion Ratio Lower Upper

42 100

72 43.7 32.6 49.0

71 40.2 31.0 46.4

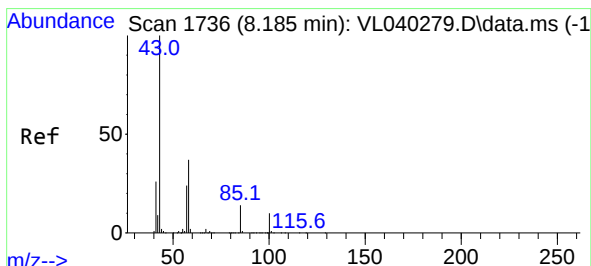
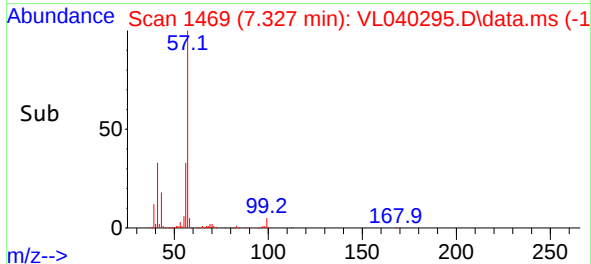
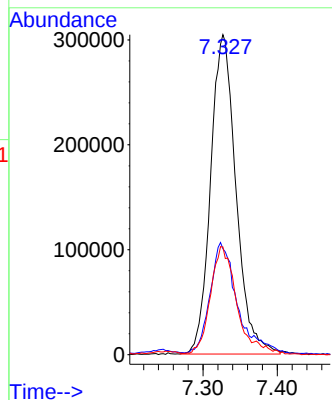
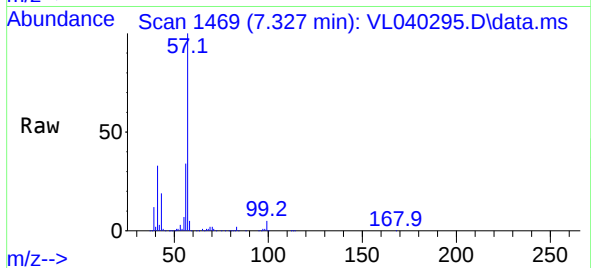




#44
2,2,4-Trimethylpentane
Concen: 2.090 ppbv
RT: 7.327 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

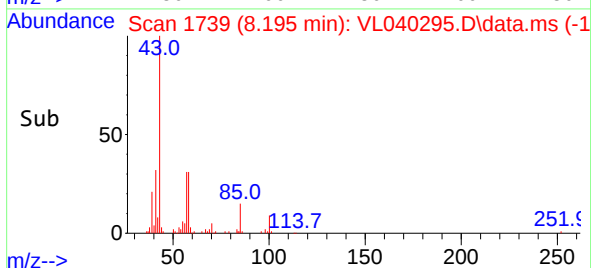
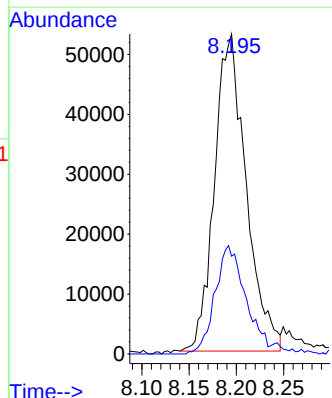
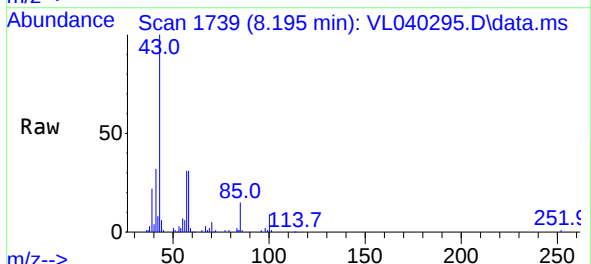
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

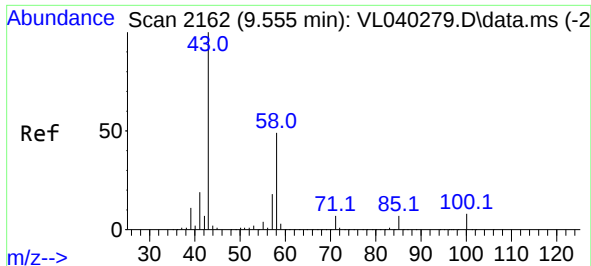
Tgt Ion: 57 Resp: 722492
Ion Ratio Lower Upper
57 100
41 38.5 26.8 40.2
56 35.7 25.0 37.6



#50
4-Methyl-2-Pentanone
Concen: 0.594 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.010 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 43 Resp: 123348
Ion Ratio Lower Upper
43 100
58 34.8 29.2 43.8

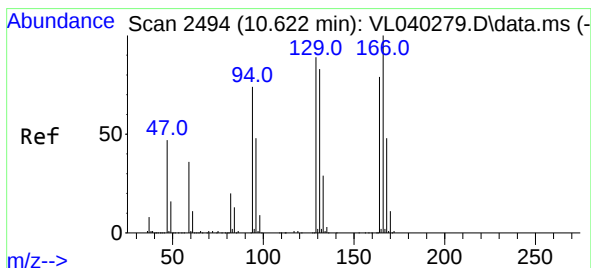
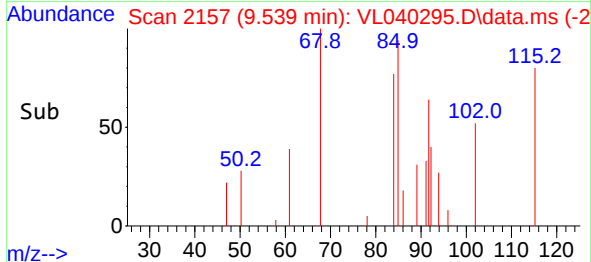
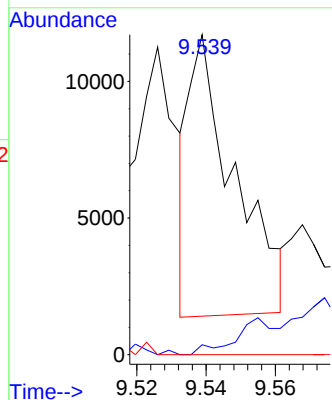
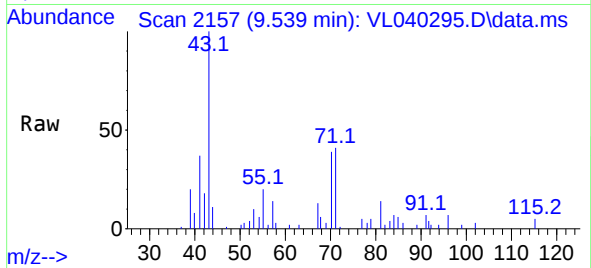




#51
2-Hexanone
Concen: 0.058 ppbv
RT: 9.539 min Scan# 2162
Delta R.T. -0.016 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

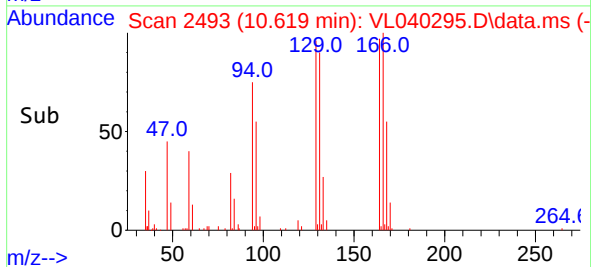
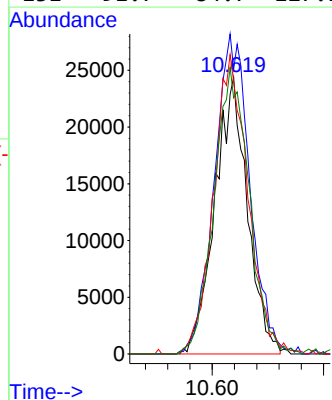
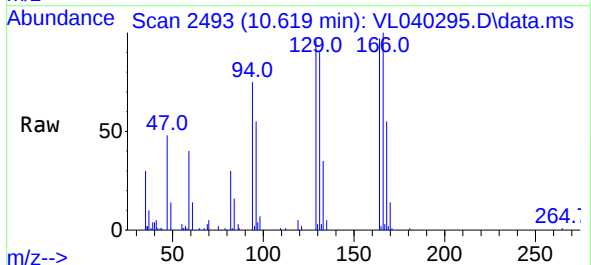
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3

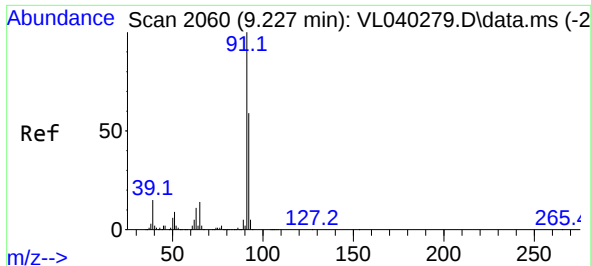
Tgt Ion: 43 Resp: 9405
Ion Ratio Lower Upper
43 100
58 40.8 38.0 57.0
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.788 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 164 Resp: 49435
Ion Ratio Lower Upper
164 100
166 101.9 101.8 152.6
129 97.7 90.2 135.2
131 91.7 84.7 127.1

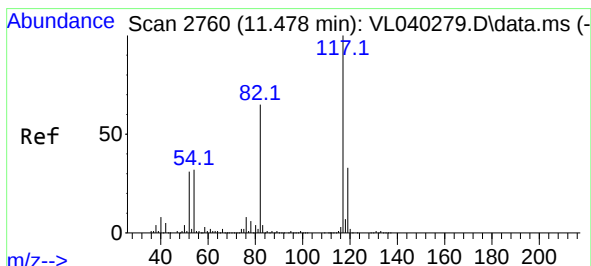
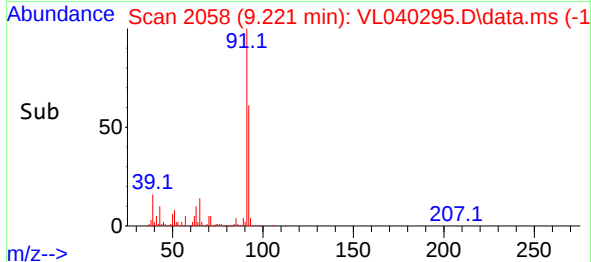
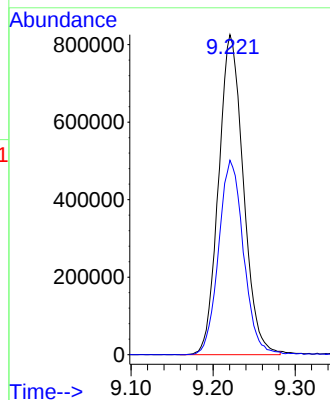
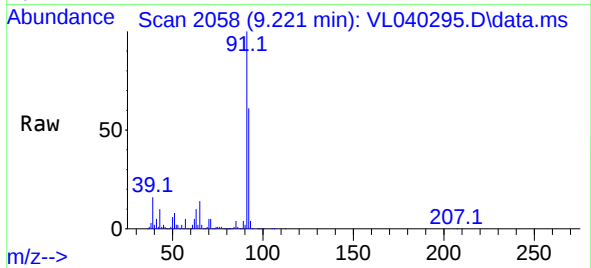




#53
Toluene
Concen: 7.978 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

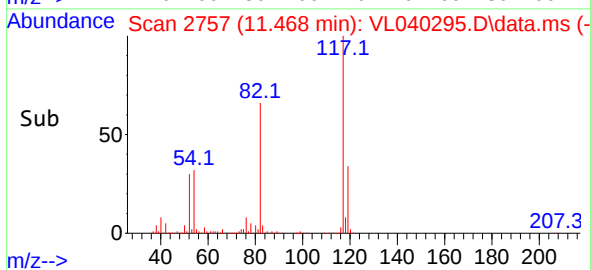
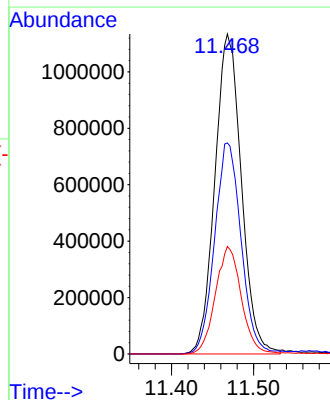
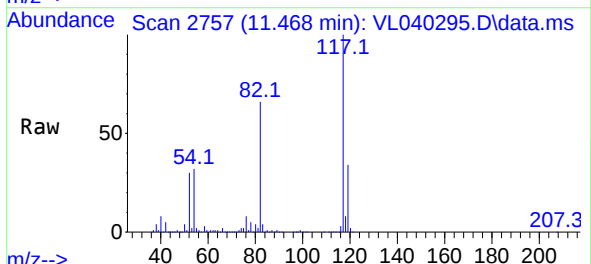
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

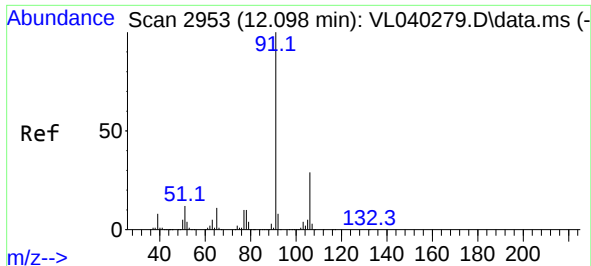
Tgt Ion: 91 Resp: 1733643
Ion Ratio Lower Upper
91 100
92 61.6 48.0 72.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.010 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 117 Resp: 2554297
Ion Ratio Lower Upper
117 100
82 66.1 51.4 77.2
119 33.1 24.0 36.0

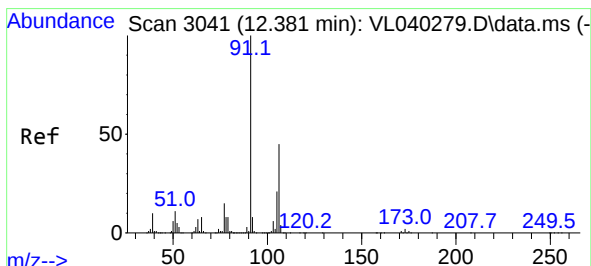
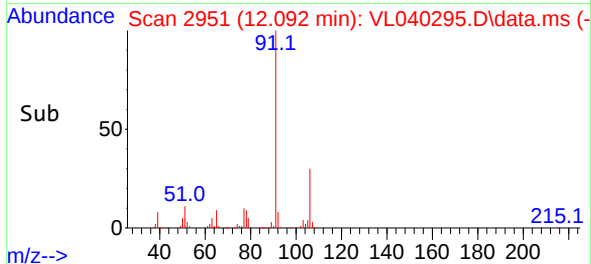
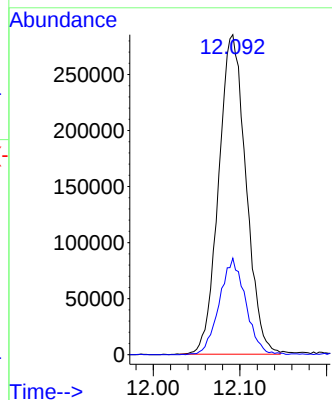
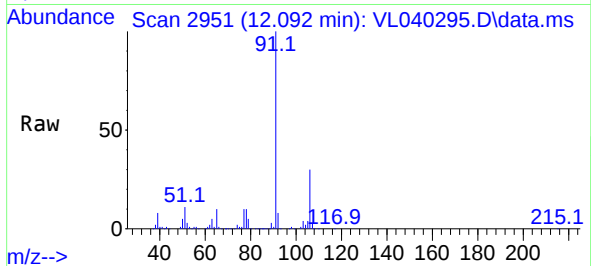




#58
Ethyl Benzene
Concen: 2.147 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

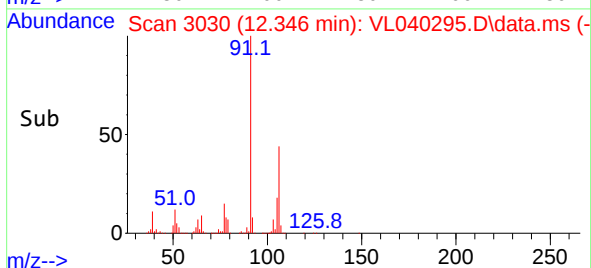
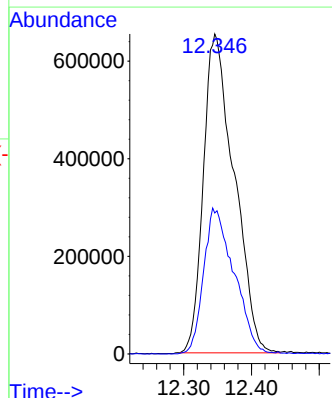
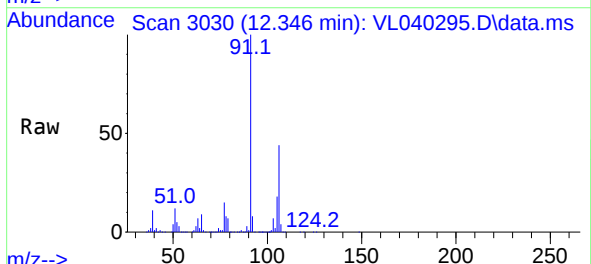
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

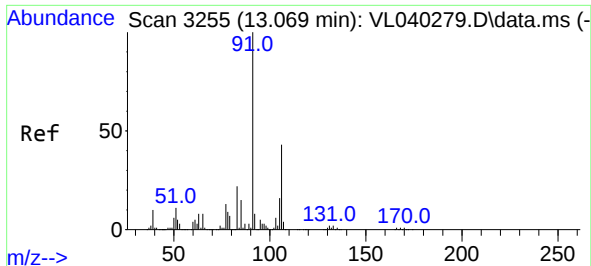
Tgt Ion: 91 Resp: 624481
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.2



#59
m/p-Xylene
Concen: 7.709 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.035 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 91 Resp: 2053987
Ion Ratio Lower Upper
91 100
106 45.7 34.0 51.0

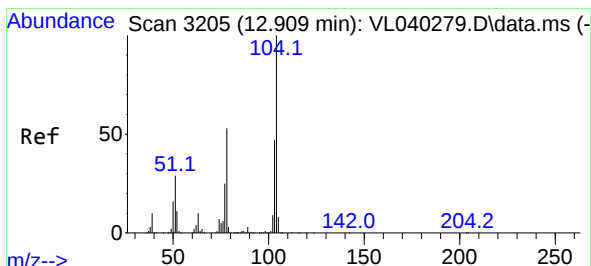
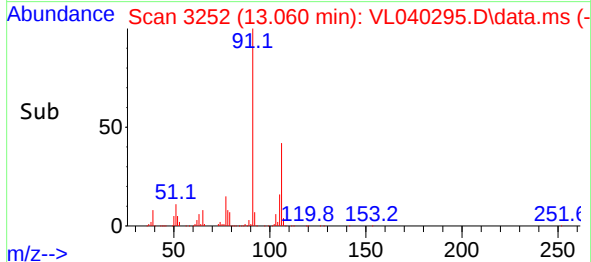
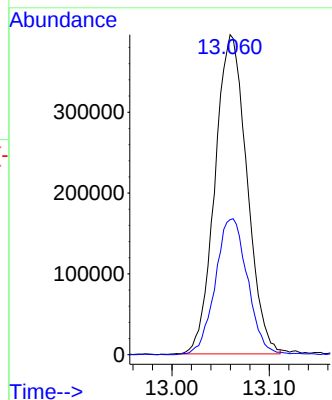
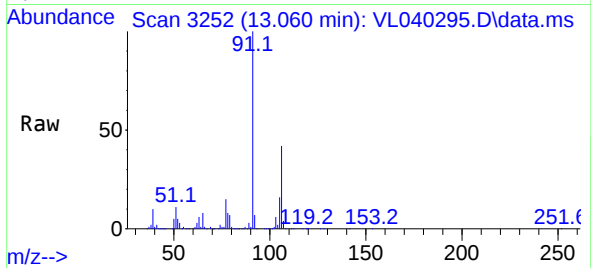




#60
o-Xylene
Concen: 3.527 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

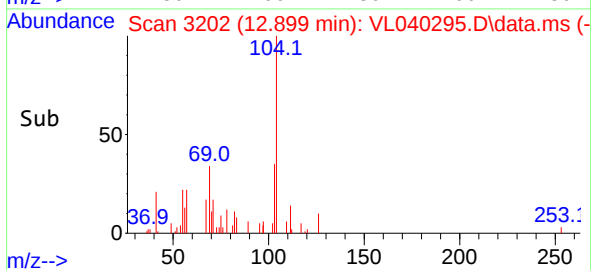
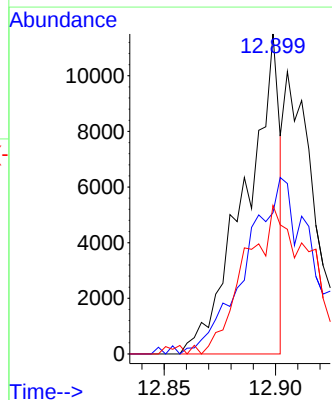
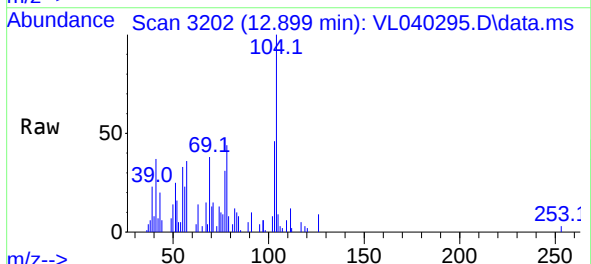
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

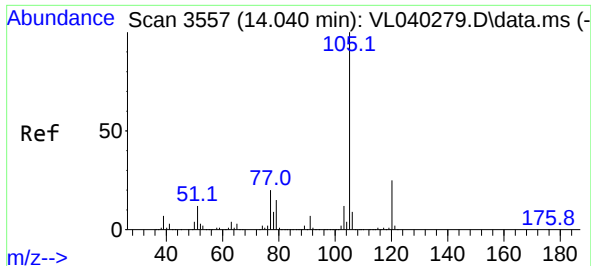
Tgt Ion: 91 Resp: 898336
Ion Ratio Lower Upper
91 100
106 43.3 21.7 65.1



#61
Styrene
Concen: 0.096 ppbv
RT: 12.899 min Scan# 3202
Delta R.T. -0.010 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion:104 Resp: 12468
Ion Ratio Lower Upper
104 100
78 0.0 43.7 65.5#
103 93.0 37.4 56.2#

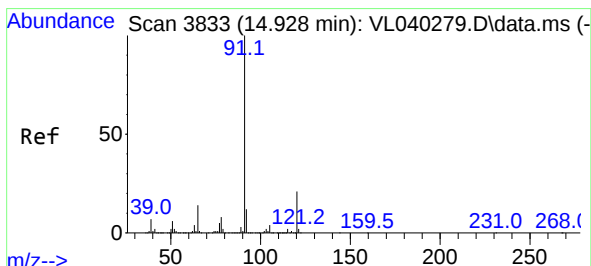
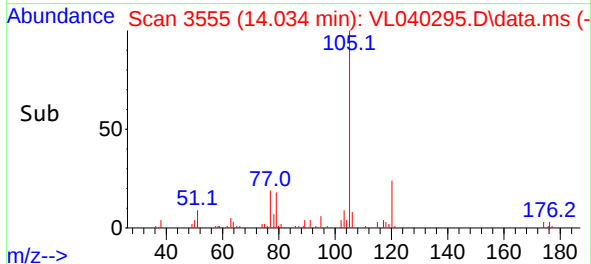
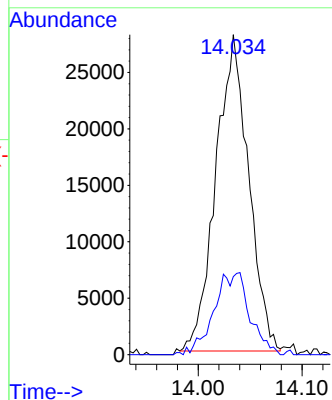
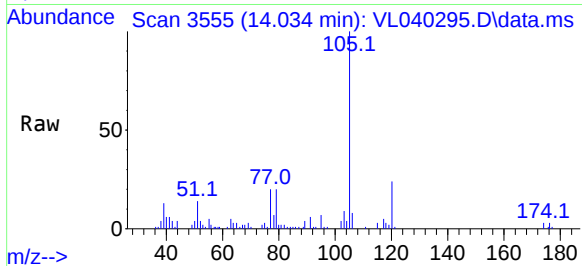




#62
Isopropylbenzene
Concen: 0.169 ppbv
RT: 14.034 min Scan# 311
Delta R.T. -0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

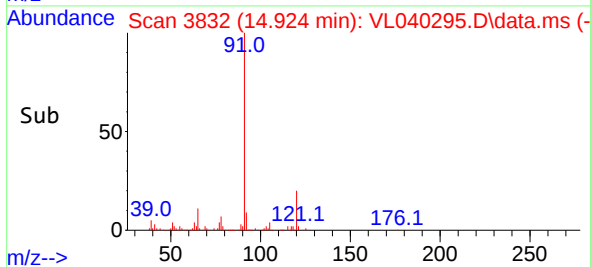
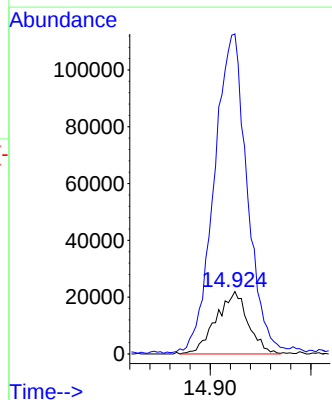
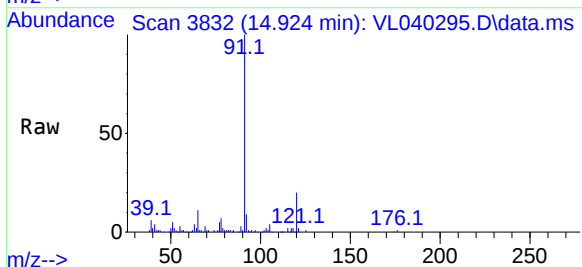
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

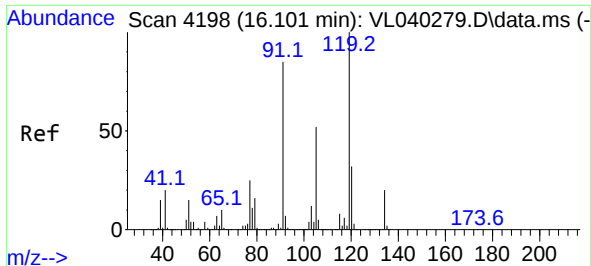
Tgt Ion:105 Resp: 61456
Ion Ratio Lower Upper
105 100
120 28.6 19.9 29.9



#64
n-propylbenzene
Concen: 0.546 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.004 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion:120 Resp: 48466
Ion Ratio Lower Upper
120 100
91 532.2 399.0 598.6

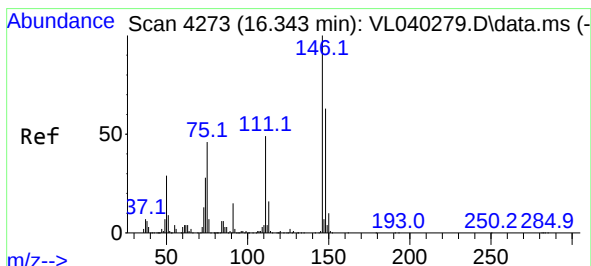
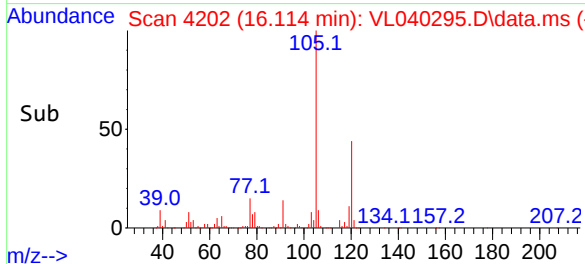
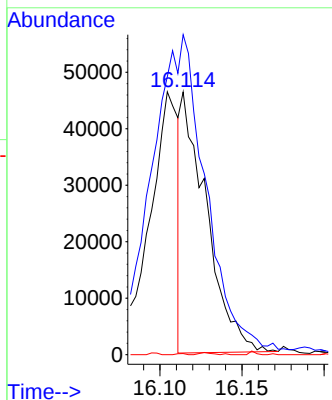
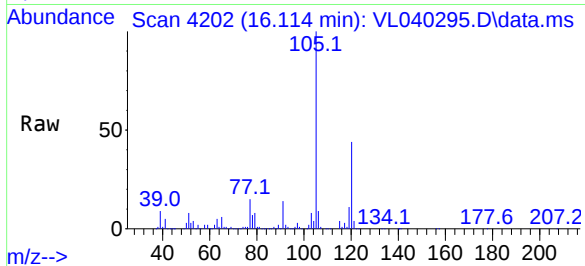




#65
tert-Butylbenzene
Concen: 0.159 ppbv
RT: 16.114 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

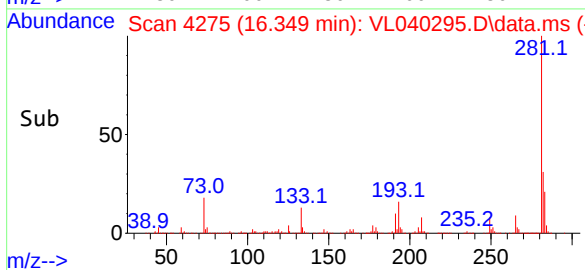
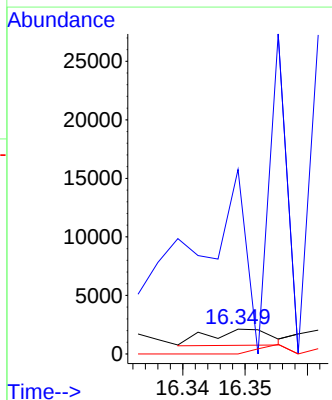
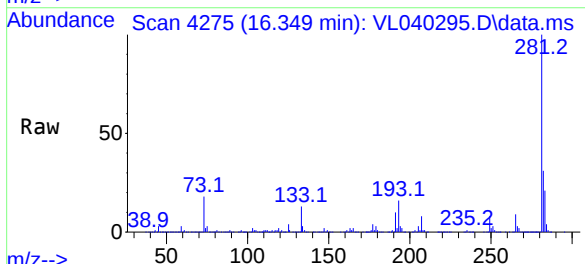
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

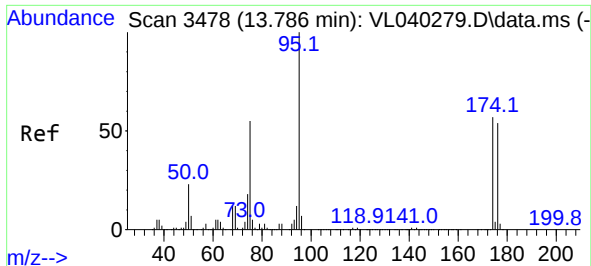
Tgt Ion:119 Resp: 49671
Ion Ratio Lower Upper
119 100
91 265.0 69.4 104.2#
134 0.0 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.047 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 91 Resp: 963
Ion Ratio Lower Upper
91 100
126 5221.6 12.1 18.1#
128 40.5 3.8 5.6#

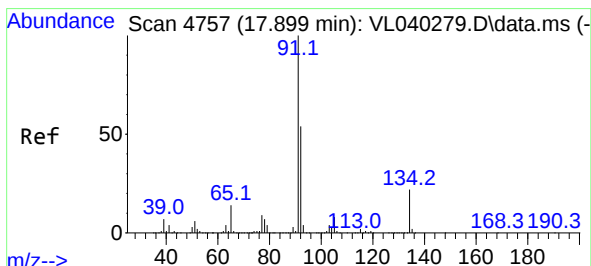
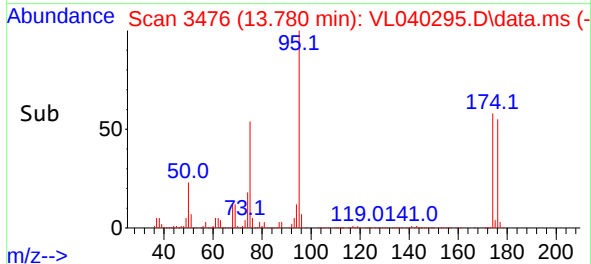
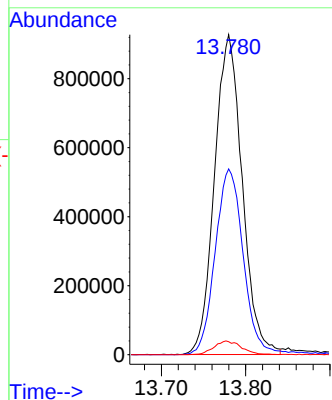
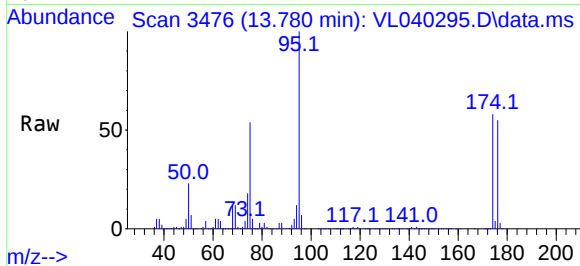




#68
1-Bromo-4-Fluorobenzene
Concen: 9.908 ppbv
RT: 13.780 min Scan# 34
Delta R.T. -0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

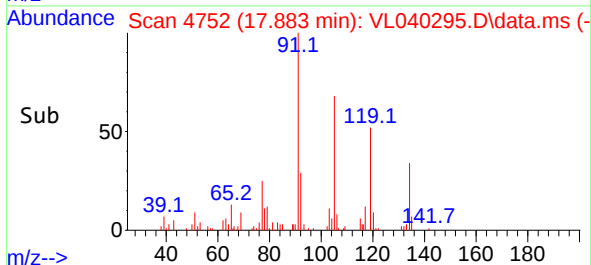
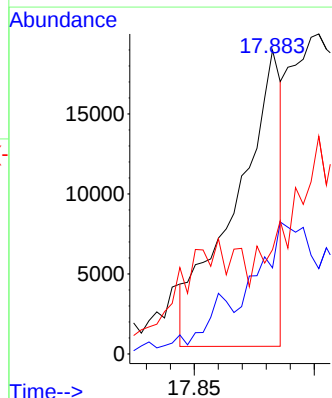
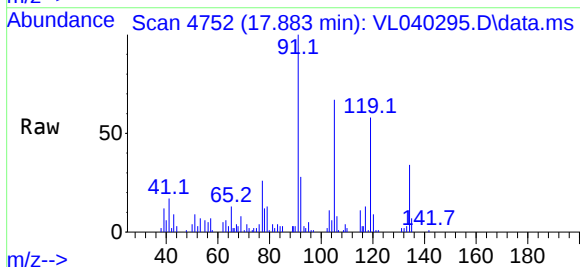
Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

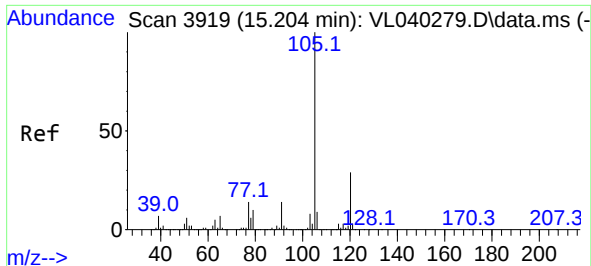
Tgt Ion: 95 Resp: 2119413
Ion Ratio Lower Upper
95 100
174 59.9 47.0 70.6
175 4.3 3.4 5.2



#70
n-Butylbenzene
Concen: 0.064 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion: 91 Resp: 24501
Ion Ratio Lower Upper
91 100
92 98.4 42.9 64.3#
134 0.0 16.8 25.2#



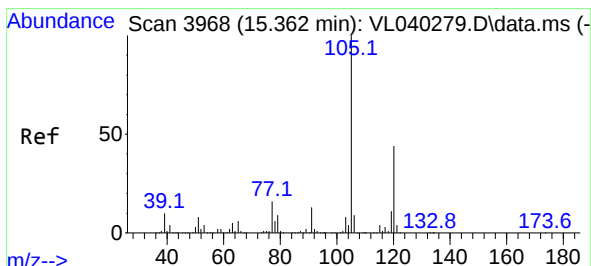
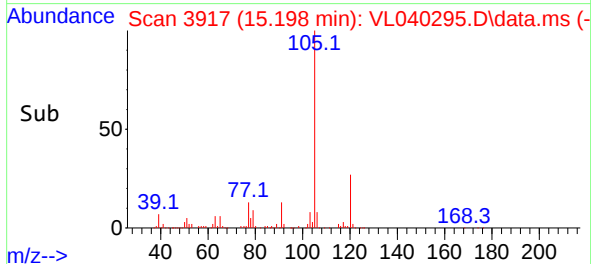
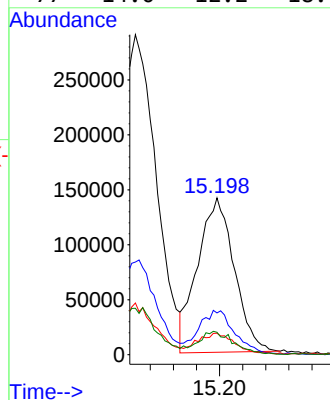
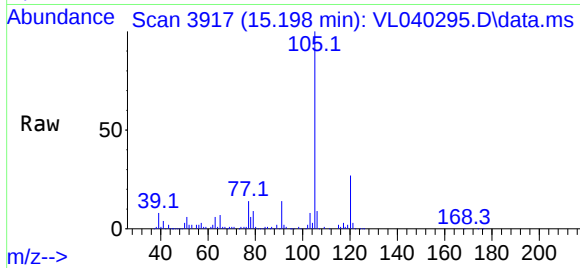


#72
4-Ethyltoluene
Concen: 1.113 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.006 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
SSSG-3

Tgt Ion:105 Resp: 309894

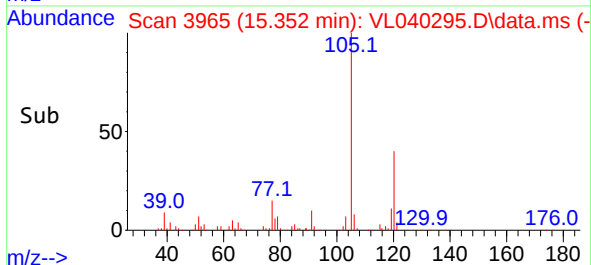
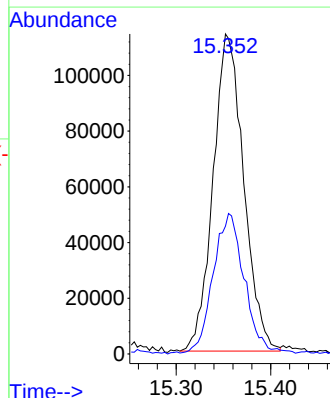
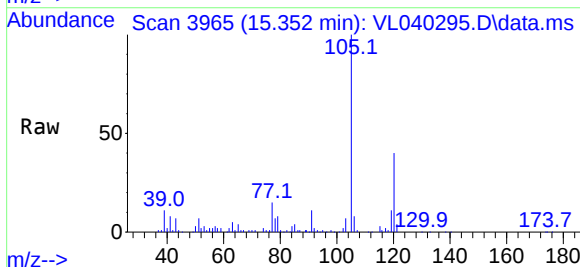
Ion	Ratio	Lower	Upper
105	100		
120	30.1	23.7	35.5
91	15.3	11.6	17.4
77	14.0	12.2	18.4

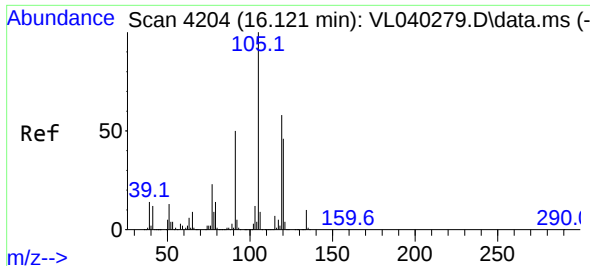


#73
1,3,5-Trimethylbenzene
Concen: 1.015 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.010 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion:105 Resp: 256107

Ion	Ratio	Lower	Upper
105	100		
120	40.0	34.9	52.3

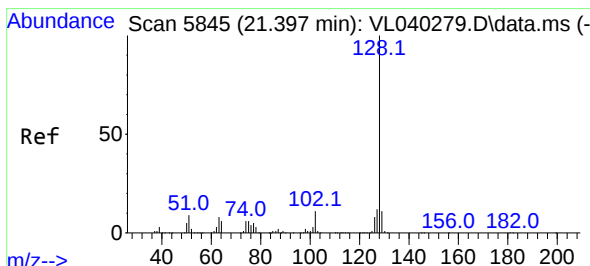
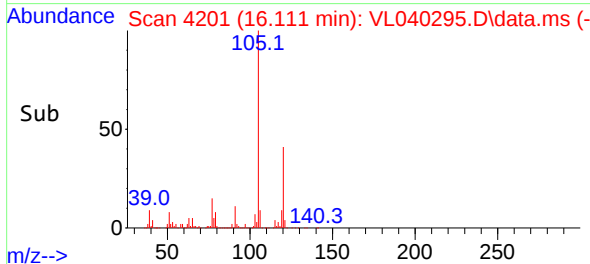
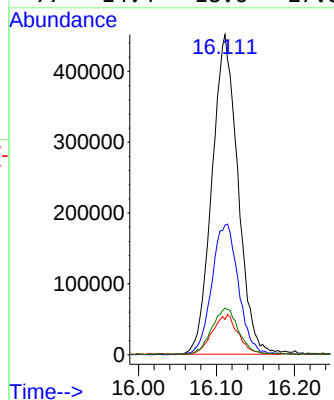
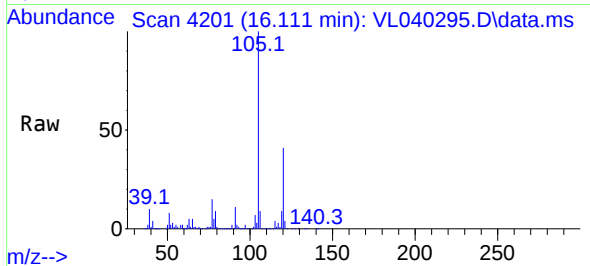




#74
1,2,4-Trimethylbenzene
Concen: 3.619 ppbv
RT: 16.111 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Instrument :
MSVOA_1
ClientSampleId :
SSSG-3

Tgt Ion:105 Resp: 1041026
Ion Ratio Lower Upper
105 100
120 40.5 36.6 54.8
91 10.9 39.9 59.9#
77 14.4 18.6 27.8#



#79
Naphthalene
Concen: 0.463 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.000 min
Lab File: VL040295.D
Acq: 16 Mar 2023 14:27

Tgt Ion:128 Resp: 78732
Ion Ratio Lower Upper
128 100
127 10.2 9.6 14.4
129 10.8 8.6 13.0

