

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040293.D
 Acq On : 16 Mar 2023 13:13
 Operator : SY/MD
 Sample : 01933-02DUP 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DUP

Quant Time: Mar 17 04:14:16 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	1069873	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2794843	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2562391	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2055683	9.580	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.722	85	36565	0.174	ppbv	97
3) Chlorodifluoromethane	2.674	51	37272	0.277	ppbv #	89
4) Chloromethane	2.809	50	9345	0.112	ppbv	97
9) Propene	2.700	41	15446	0.300	ppbv #	73
10) Heptane	7.578	43	126935	1.024	ppbv	98
11) Trichlorofluoromethane	3.552	101	7570	0.040	ppbv	99
13) Ethanol	3.234	45	2426556	641.944	ppbv	99
15) Acetone	3.462	43	1336677	10.262	ppbv	97
16) 1,3-Butadiene	2.967	39	2246	0.038	ppbv #	7
17) tert-Butyl alcohol	3.883	59	22222	0.180	ppbv #	72
19) Isopropyl Alcohol	3.610	45	232520	3.727	ppbv #	90
20) Methylene Chloride	3.928	84	1665123	30.388	ppbv	98
21) Allyl Chloride	3.925	41	68505	0.812	ppbv #	35
23) Vinyl Acetate	4.610	43	115621	3.191	ppbv #	34
25) Ethyl Acetate	5.208	43	848082	3.478	ppbv #	84
26) Hexane	5.208	57	961599	9.607	ppbv #	42
27) Carbon Disulfide	4.513	76	169656	1.214	ppbv #	65
28) Methyl tert-Butyl Ether	4.587	73	14598	0.127	ppbv	92
30) Cyclohexane	6.603	84	12194	0.155	ppbv #	1
31) cis-1,2-Dichloroethene	5.201	61	25324	0.260	ppbv #	29
34) 2-Butanone	4.783	43	593318	4.301	ppbv	99
36) Benzene	6.365	78	159082	0.747	ppbv	99
39) 1,2-Dichloropropane	6.652	63	686524	8.216	ppbv #	24
41) Tetrahydrofuran	5.558	42	110202	1.384	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	1155534	3.254	ppbv	92
50) 4-Methyl-2-Pentanone	8.192	43	112347	0.526	ppbv	97
51) 2-Hexanone	9.539	43	7386	0.045	ppbv #	85
52) Tetrachloroethene	10.606	164	33487	0.520	ppbv	89
53) Toluene	9.221	91	3131722	14.031	ppbv	98
58) Ethyl Benzene	12.089	91	856883	2.937	ppbv	98
59) m/p-Xylene	12.346	91	2745084	10.270	ppbv	94
60) o-Xylene	13.060	91	1115738	4.367	ppbv	99
61) Styrene	12.896	104	20358	0.157	ppbv #	63
62) Isopropylbenzene	14.027	105	73402	0.202	ppbv	98
64) n-propylbenzene	14.908	120	24616	0.276	ppbv #	1
65) tert-Butylbenzene	16.111	119	114783	0.366	ppbv #	61
66) Benzyl Chloride	16.532	91	2427	0.119	ppbv #	1
67) sec-Butylbenzene	16.635	105	18119	0.040	ppbv #	61
69) p-Isopropyltoluene	16.989	119	13134	0.038	ppbv #	41
70) n-Butylbenzene	17.883	91	25831	0.067	ppbv #	33
72) 4-Ethyltoluene	15.191	105	337041	1.206	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	274398	1.084	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	1097396	3.803	ppbv #	70

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

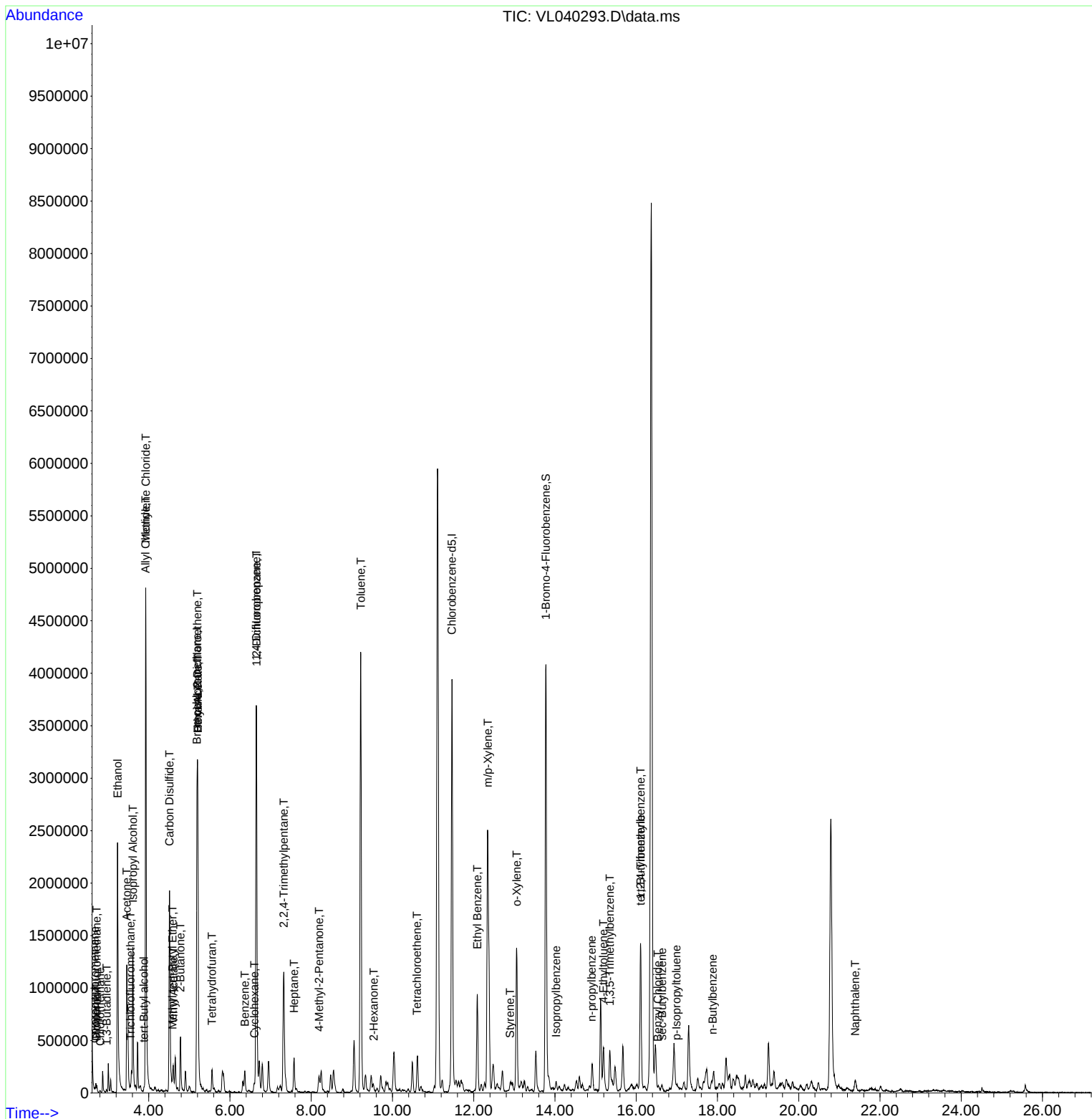
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

Quant Time: Mar 17 04:14:16 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

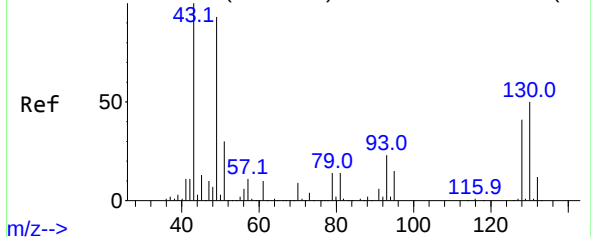
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	21.387	128	92278	0.541	ppbv	98

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

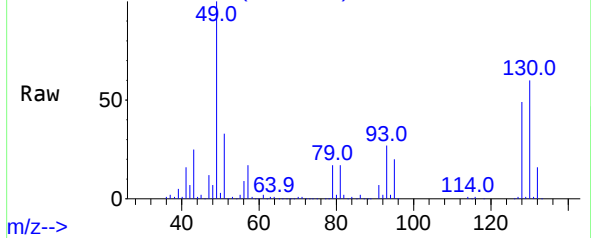
Quant Time: Mar 17 04:14:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration



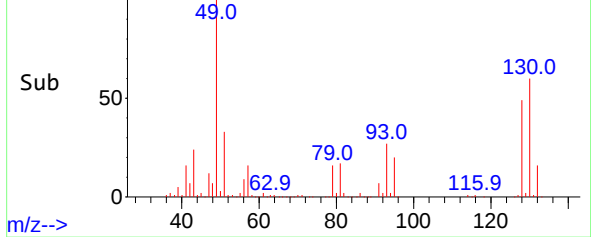
Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



m/z--> Scan 804 (5.189 min): VL040293.D\data.ms



m/z--> Abundance Scan 804 (5.189 min): VL040293.D\data.ms (-64)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 80

Delta R.T. -0.000 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DUP

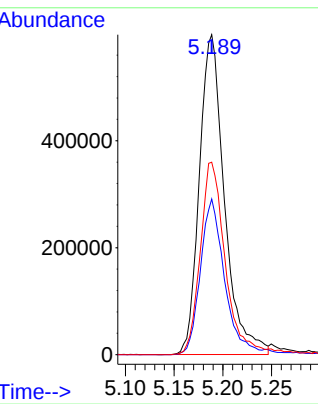
Tgt Ion: 49 Resp: 1069873

Ion Ratio Lower Upper

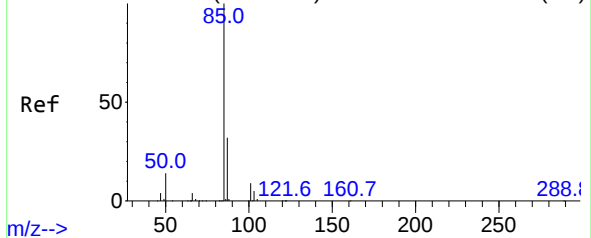
49 100

128 48.8 22.4 67.3

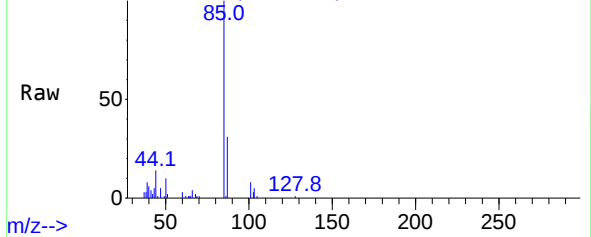
130 61.5 28.7 86.1



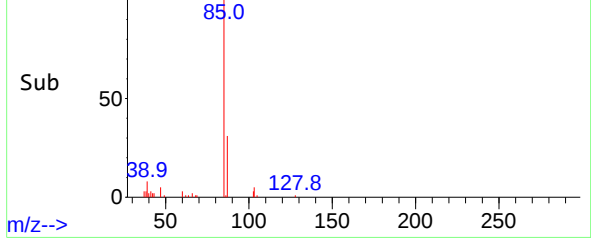
Abundance Scan 36 (2.719 min): VL040279.D\data.ms (-28)



m/z--> Abundance Scan 37 (2.722 min): VL040293.D\data.ms



m/z--> Abundance Scan 37 (2.722 min): VL040293.D\data.ms (-1)



m/z-->

#2

Dichlorodifluoromethane

Concen: 0.174 ppbv

RT: 2.722 min Scan# 37

Delta R.T. 0.003 min

Lab File: VL040293.D

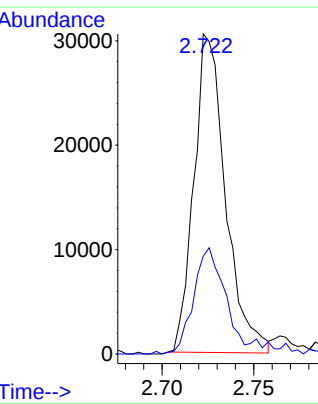
Acq: 16 Mar 2023 13:13

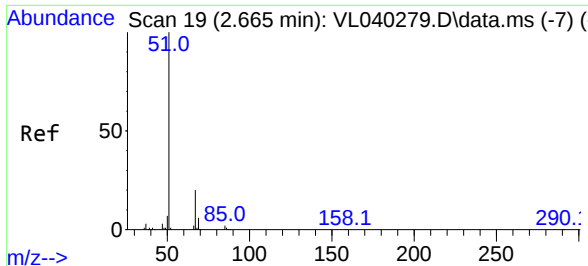
Tgt Ion: 85 Resp: 36565

Ion Ratio Lower Upper

85 100

87 30.2 25.5 38.3

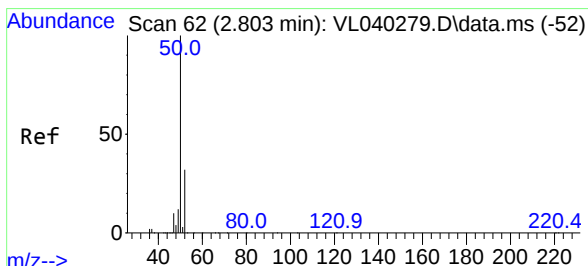
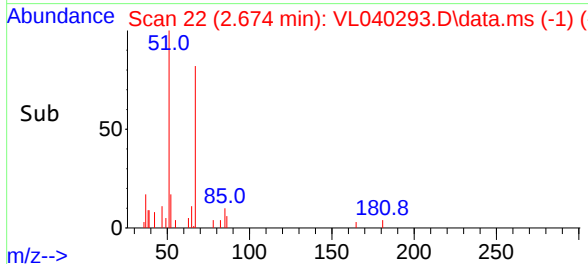
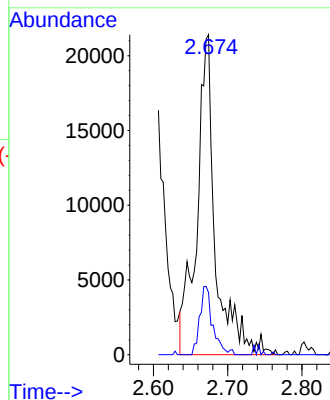
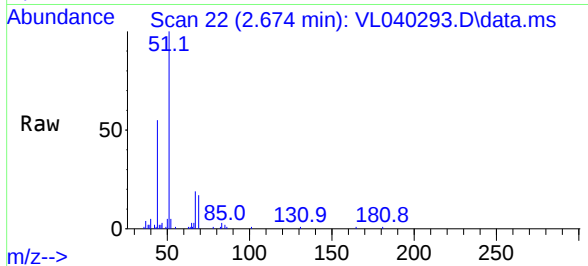




#3
Chlorodifluoromethane
Concen: 0.277 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

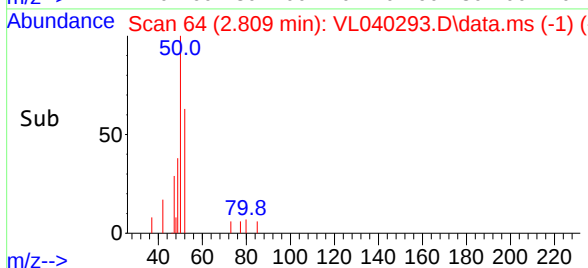
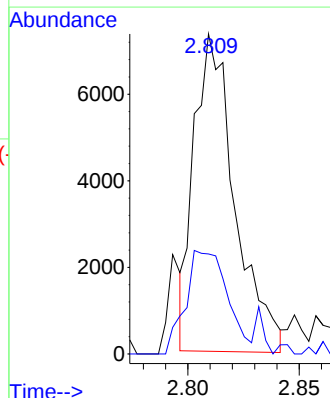
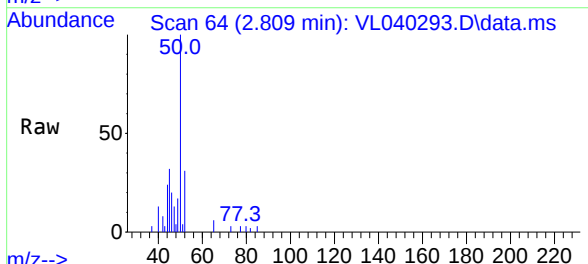
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

Tgt Ion: 51 Resp: 37272
Ion Ratio Lower Upper
51 100
67 14.8 16.0 24.0#

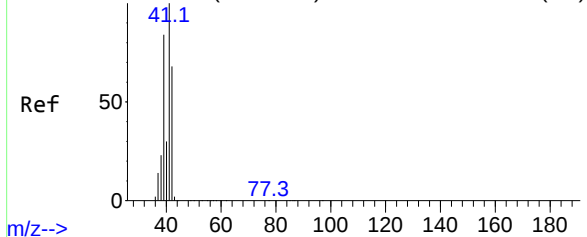


#4
Chloromethane
Concen: 0.112 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 50 Resp: 9345
Ion Ratio Lower Upper
50 100
52 30.7 25.9 38.9



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 0.300 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.016 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DUP

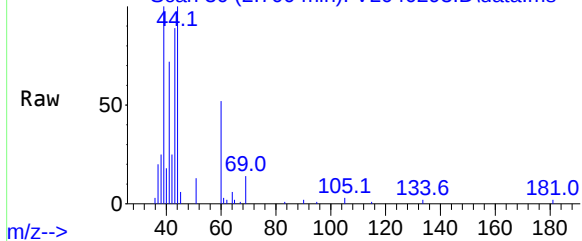
Tgt Ion: 41 Resp: 15446

Ion Ratio Lower Upper

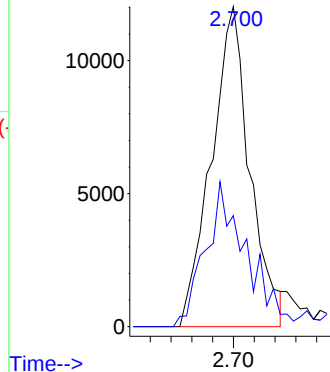
41 100

42 50.6 59.0 88.4#

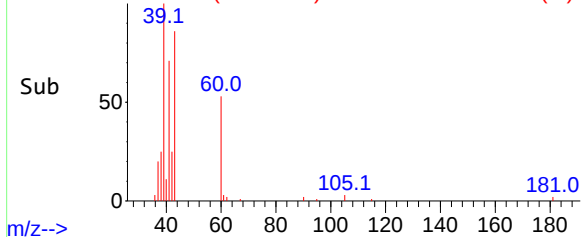
Abundance Scan 30 (2.700 min): VL040293.D\data.ms



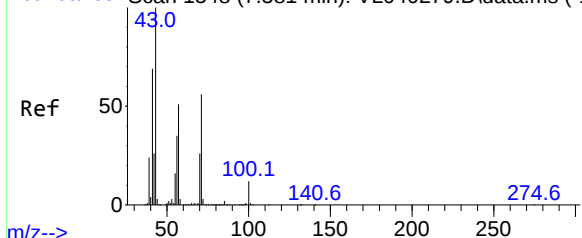
Abundance



Abundance Scan 30 (2.700 min): VL040293.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 1.024 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.003 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

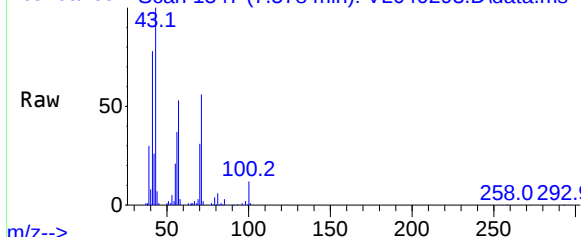
Tgt Ion: 43 Resp: 126935

Ion Ratio Lower Upper

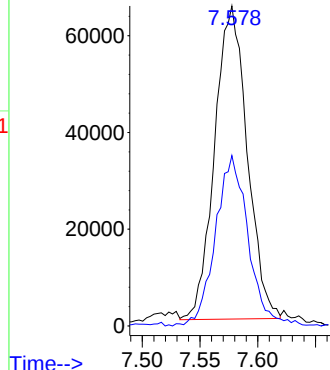
43 100

57 53.5 41.7 62.5

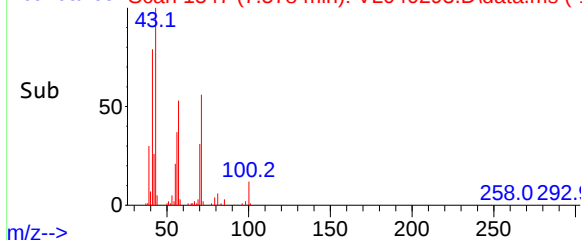
Abundance Scan 1547 (7.578 min): VL040293.D\data.ms

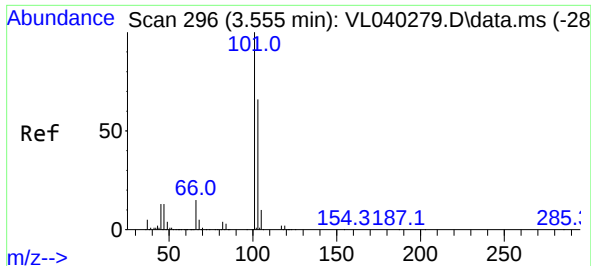


Abundance



Abundance Scan 1547 (7.578 min): VL040293.D\data.ms (-1)

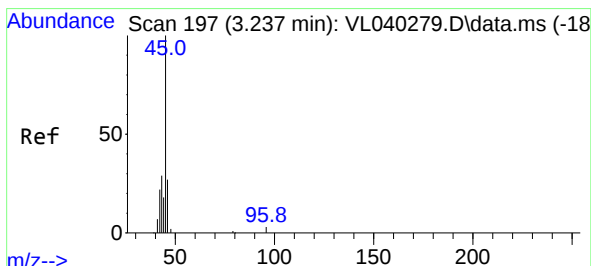
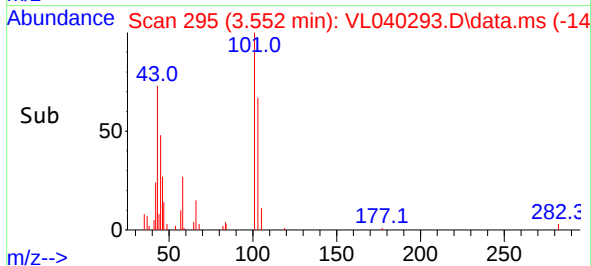
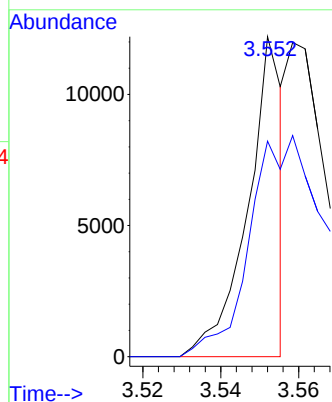
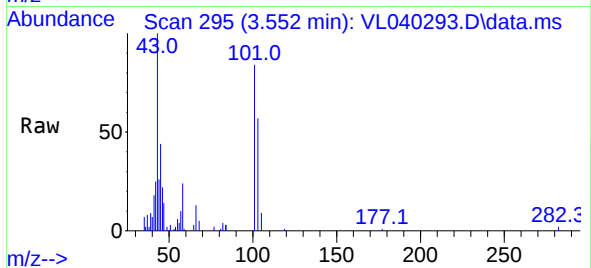




#11
Trichlorofluoromethane
Concen: 0.040 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

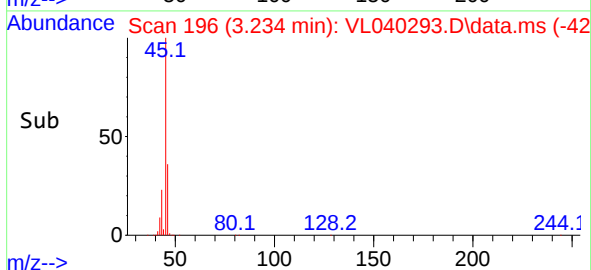
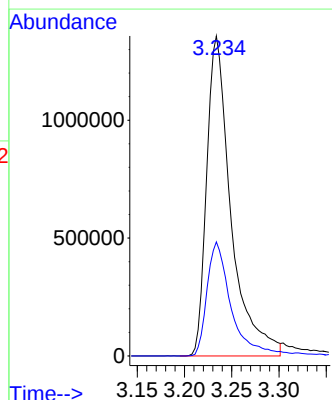
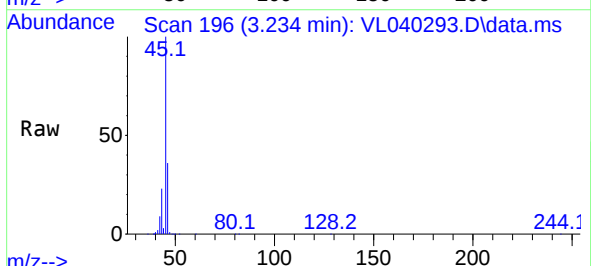
Instrument :
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SSSG-2DUP

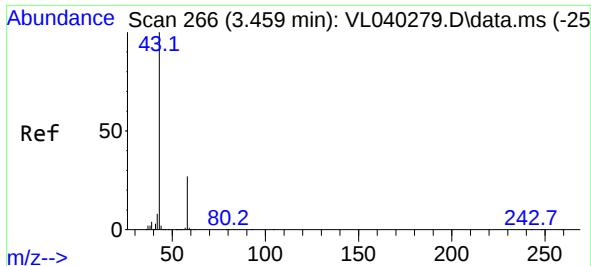
Tgt Ion:101 Resp: 7570
Ion Ratio Lower Upper
101 100
103 67.3 53.1 79.7



#13
Ethanol
Concen: 641.944 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 45 Resp: 2426556
Ion Ratio Lower Upper
45 100
46 37.1 15.0 60.2

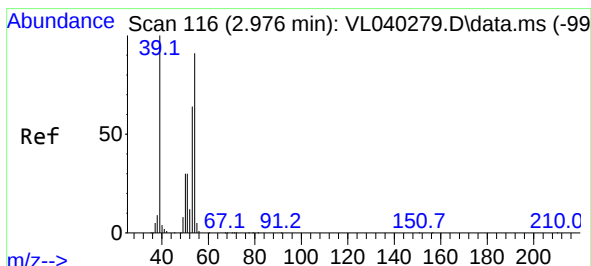
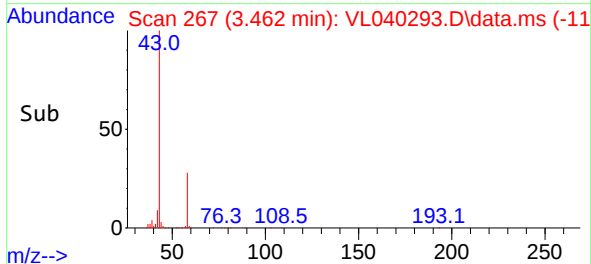
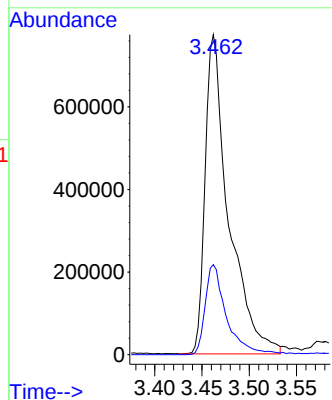
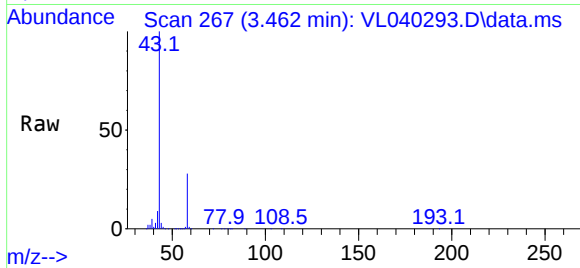




#15
Acetone
Concen: 10.262 ppbv
RT: 3.462 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

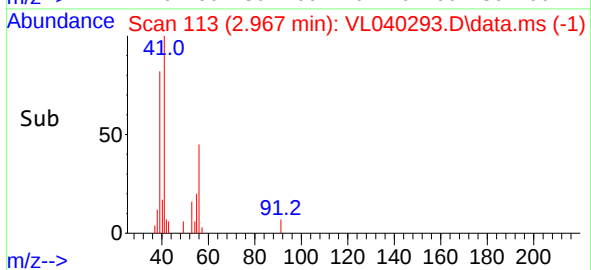
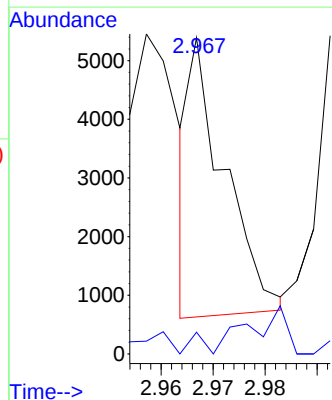
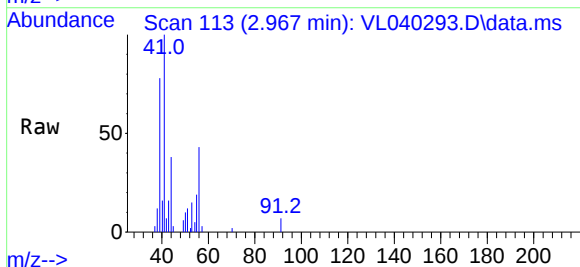
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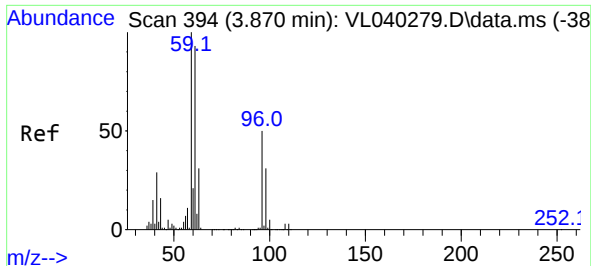
Tgt Ion: 43 Resp: 1336677
Ion Ratio Lower Upper
43 100
58 25.8 21.8 32.8



#16
1,3-Butadiene
Concen: 0.038 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.009 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 39 Resp: 2246
Ion Ratio Lower Upper
39 100
54 0.0 68.4 102.6#

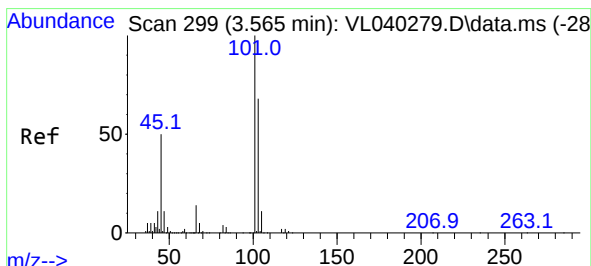
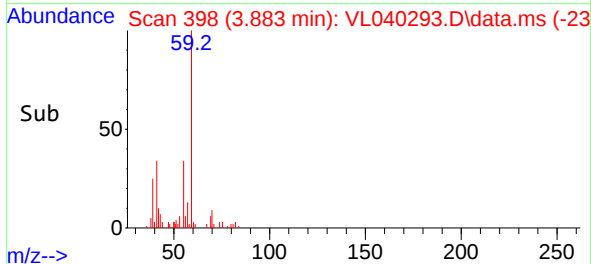
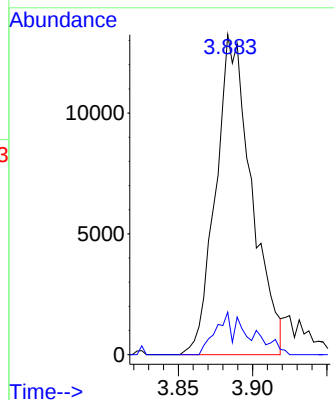
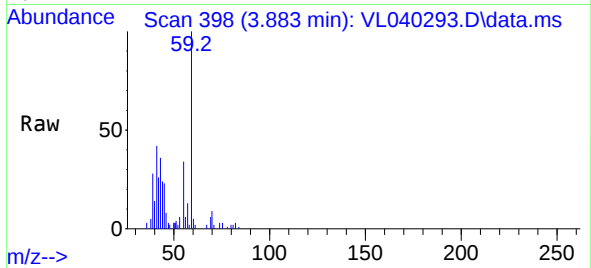




#17
tert-Butyl alcohol
Concen: 0.180 ppbv
RT: 3.883 min Scan# 313
Delta R.T. 0.013 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

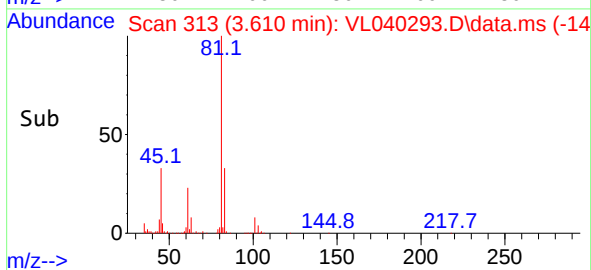
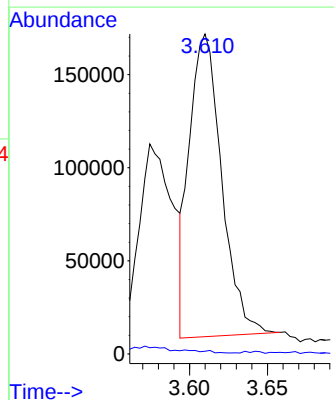
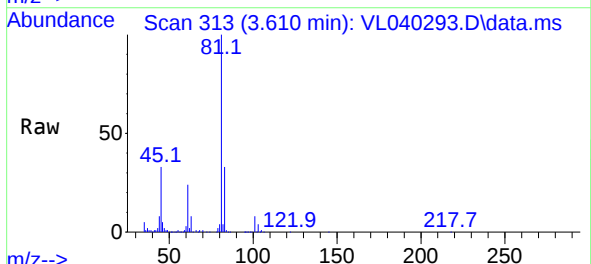
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

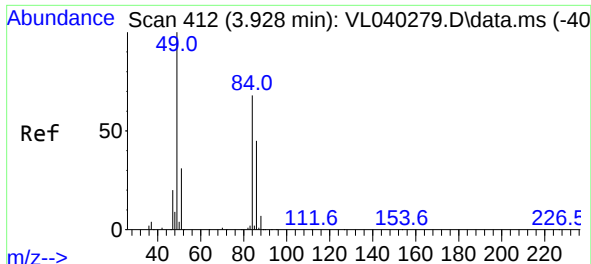
Tgt Ion: 59 Resp: 22222
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#19
Isopropyl Alcohol
Concen: 3.727 ppbv
RT: 3.610 min Scan# 313
Delta R.T. 0.045 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 45 Resp: 232520
Ion Ratio Lower Upper
45 100
58 0.0 2.7 4.1#



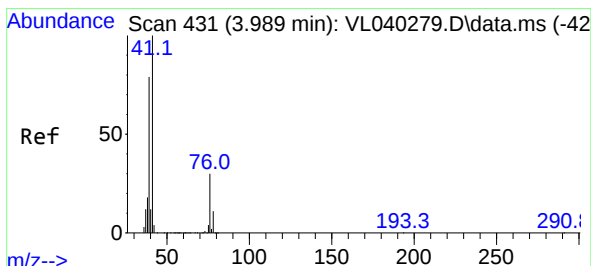
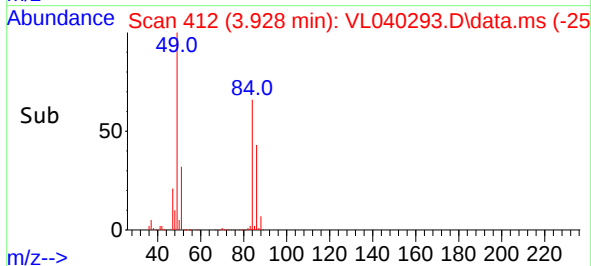
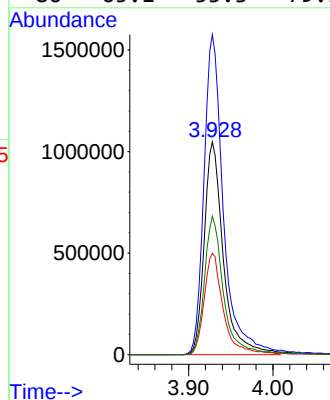
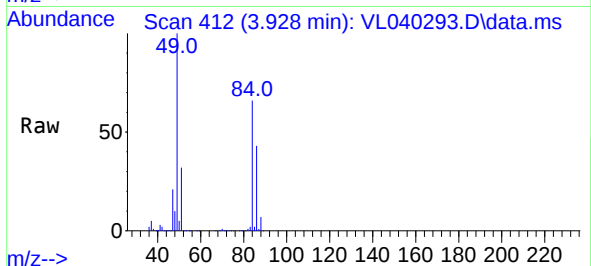


#20
Methylene Chloride
Concen: 30.388 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

Tgt Ion: 84 Resp: 1665123

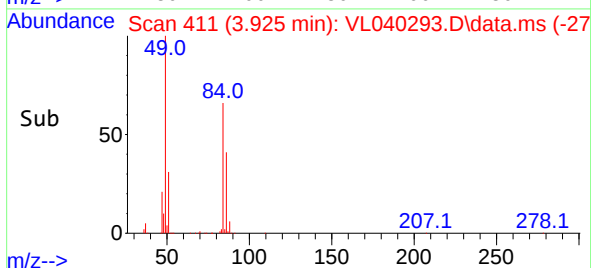
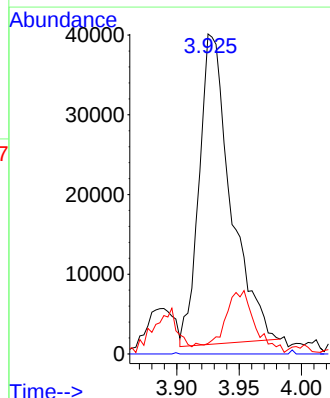
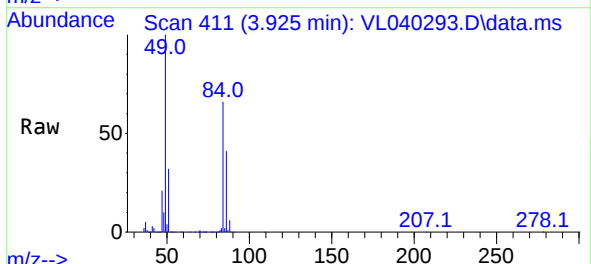
Ion	Ratio	Lower	Upper
84	100		
49	150.4	117.5	176.3
51	47.6	36.9	55.3
86	65.1	53.3	79.9

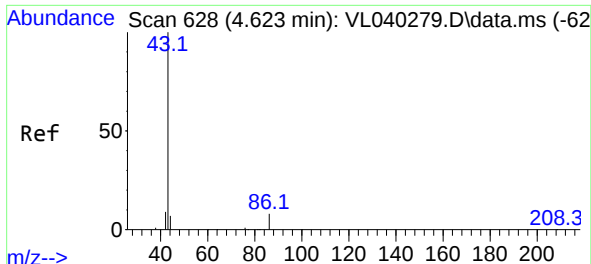


#21
Allyl Chloride
Concen: 0.812 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.064 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 41 Resp: 68505

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.4	38.0#
39	21.5	65.4	98.2#



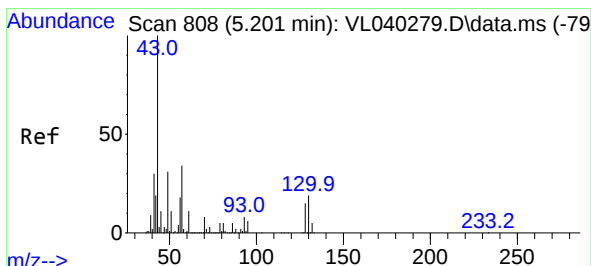
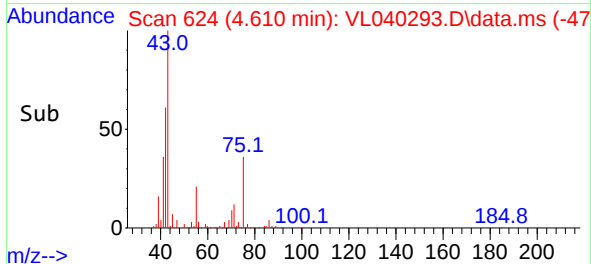
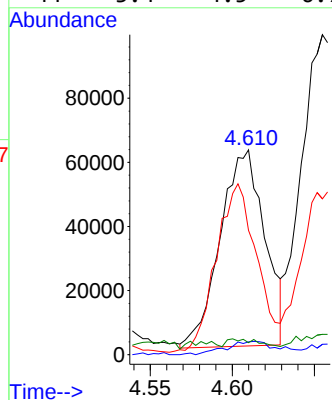
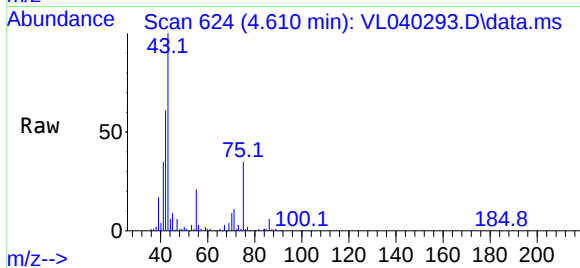


#23
 Vinyl Acetate
 Concen: 3.191 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL040293.D
 Acq: 16 Mar 2023 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DUP

Tgt Ion: 43 Resp: 115621

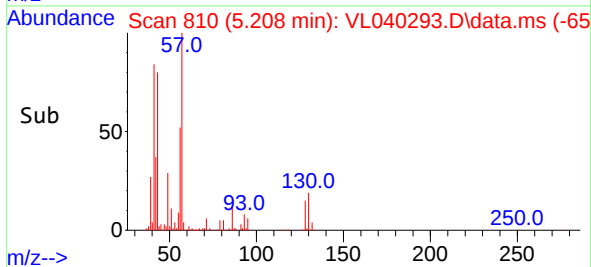
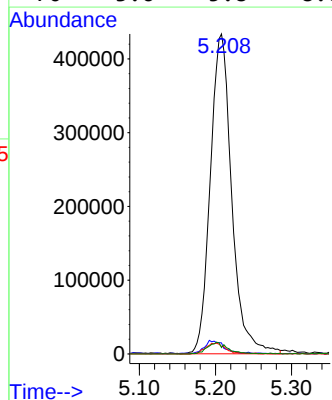
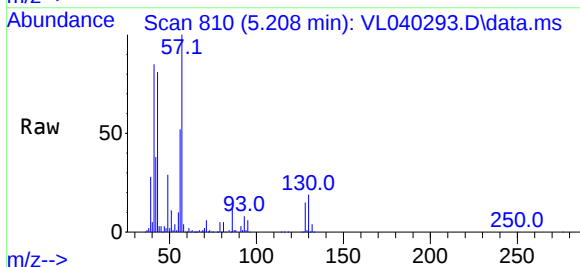
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	61.5	9.1	13.7#
44	3.4	4.5	6.7#

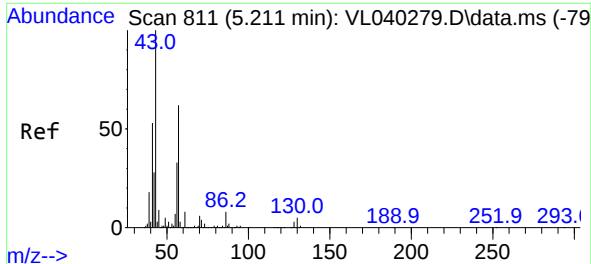


#25
 Ethyl Acetate
 Concen: 3.478 ppbv
 RT: 5.208 min Scan# 810
 Delta R.T. 0.007 min
 Lab File: VL040293.D
 Acq: 16 Mar 2023 13:13

Tgt Ion: 43 Resp: 848082

Ion	Ratio	Lower	Upper
43	100		
45	4.2	8.6	12.8#
61	3.3	8.4	12.6#
70	3.6	5.8	8.6#

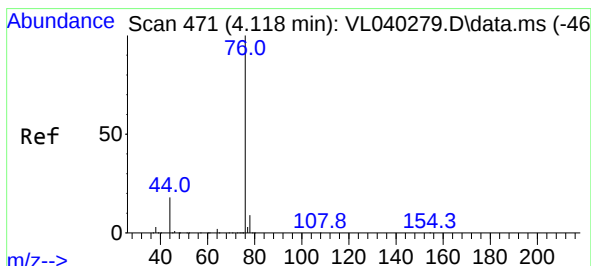
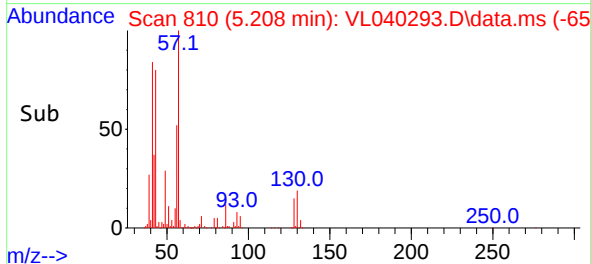
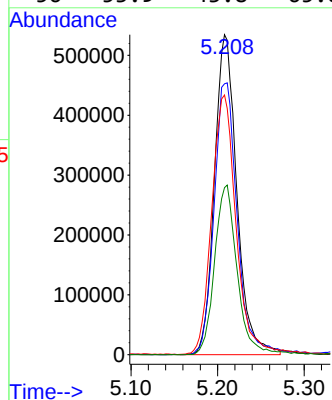
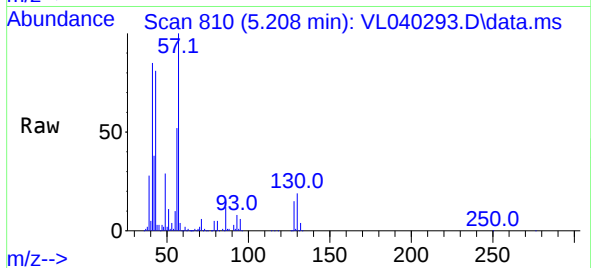




#26
Hexane
Concen: 9.607 ppbv
RT: 5.208 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

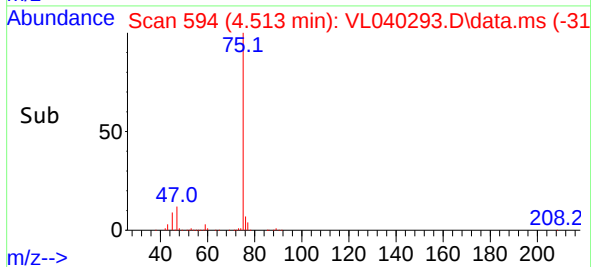
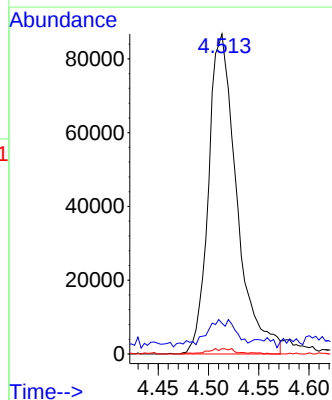
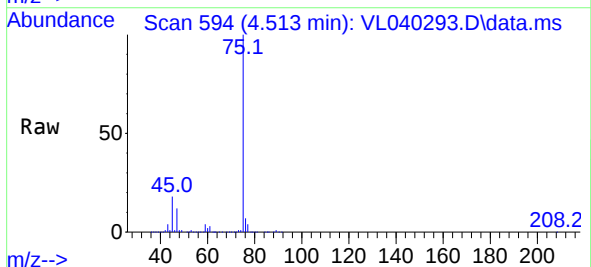
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

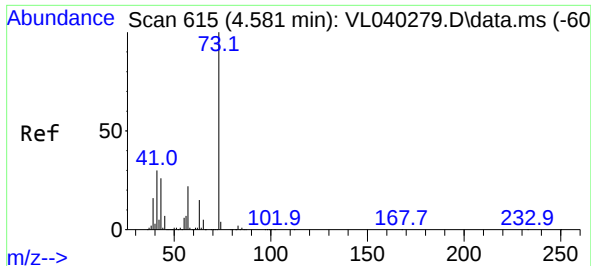
Tgt Ion: 57 Resp: 961599
Ion Ratio Lower Upper
57 100
41 88.5 73.5 110.3
43 89.2 196.3 294.5#
56 53.9 43.8 65.8



#27
Carbon Disulfide
Concen: 1.214 ppbv
RT: 4.513 min Scan# 594
Delta R.T. 0.395 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 76 Resp: 169656
Ion Ratio Lower Upper
76 100
44 1.2 15.2 22.8#
78 0.1 7.6 11.4#





#28

Methyl tert-Butyl Ether

Concen: 0.127 ppbv

RT: 4.587 min Scan# 615

Delta R.T. 0.006 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

Instrument :

MSVOA_L

ClientSampleId :

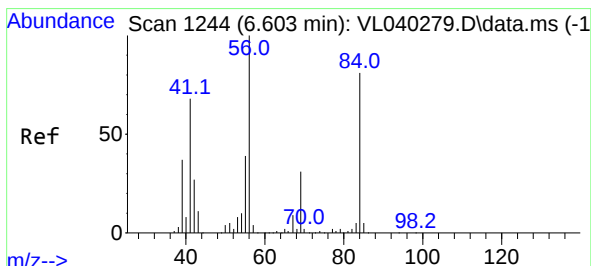
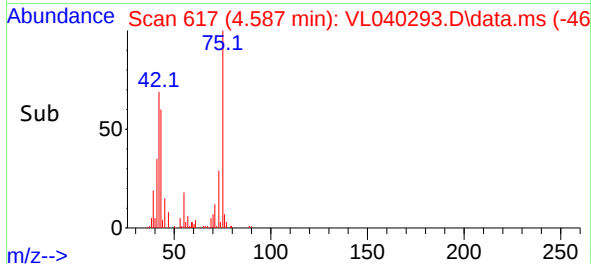
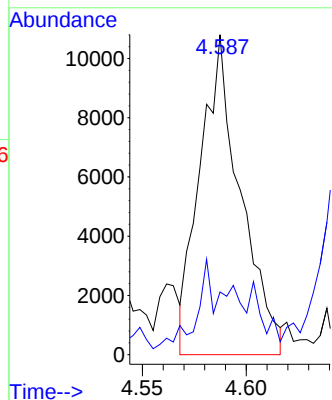
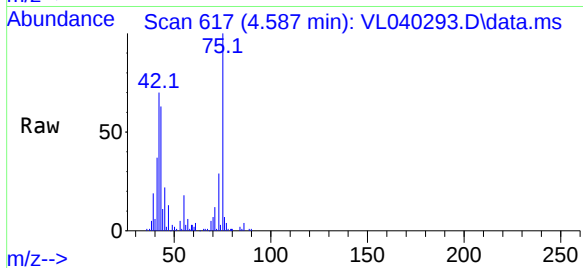
SSSG-2DUP

Tgt Ion: 73 Resp: 14598

Ion Ratio Lower Upper

73 100

57 26.7 18.4 27.6



#30

Cyclohexane

Concen: 0.155 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

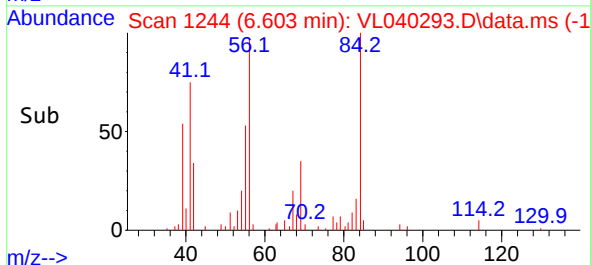
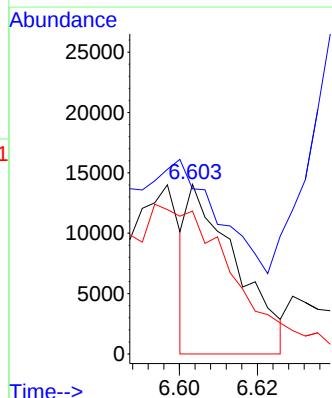
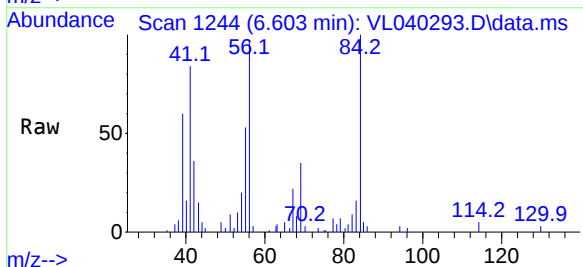
Tgt Ion: 84 Resp: 12194

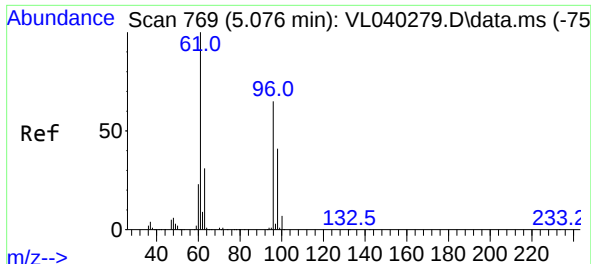
Ion Ratio Lower Upper

84 100

56 280.2 109.0 163.4#

41 0.0 67.9 101.9#

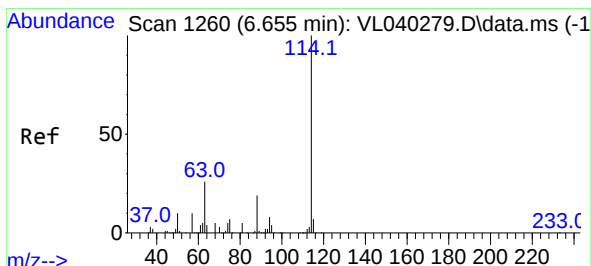
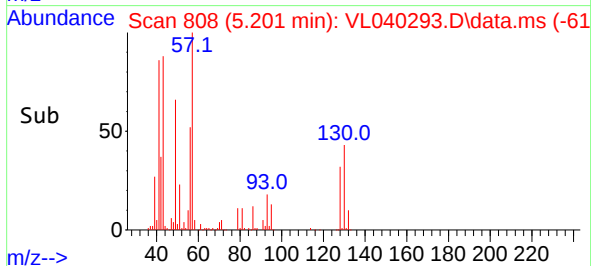
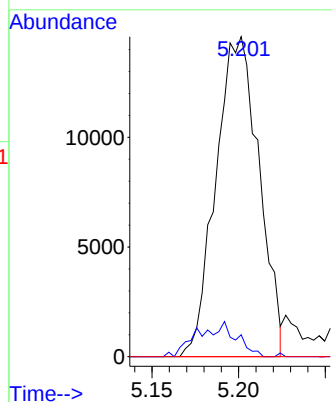
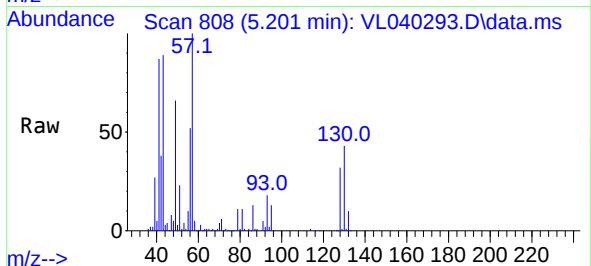




#31
 cis-1,2-Dichloroethene
 Concen: 0.260 ppbv
 RT: 5.201 min Scan# 80
 Delta R.T. 0.125 min
 Lab File: VL040293.D
 Acq: 16 Mar 2023 13:13

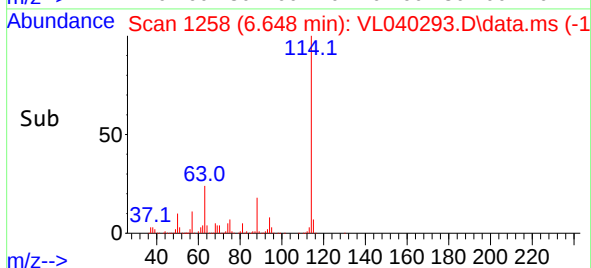
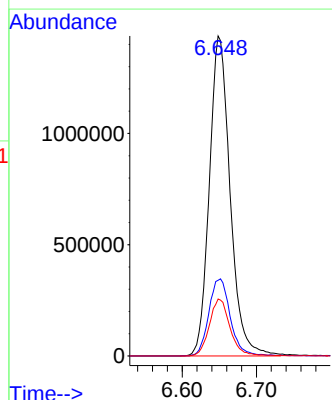
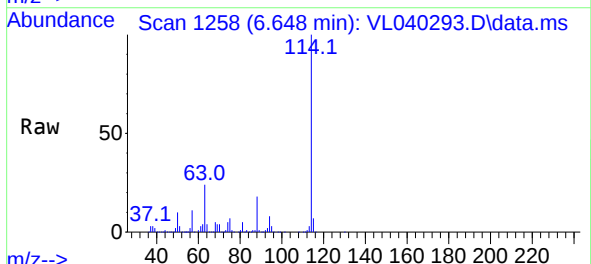
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DUP

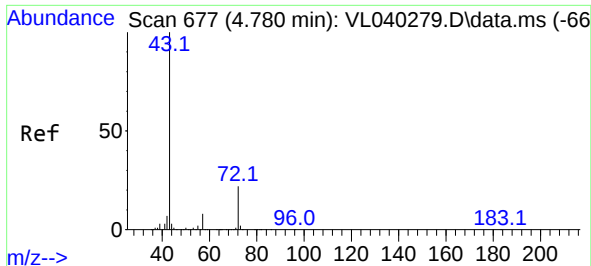
Tgt Ion: 61 Resp: 25324
 Ion Ratio Lower Upper
 61 100
 96 5.7 51.8 77.8#
 98 0.0 32.5 48.7#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.007 min
 Lab File: VL040293.D
 Acq: 16 Mar 2023 13:13

Tgt Ion: 114 Resp: 2794843
 Ion Ratio Lower Upper
 114 100
 63 25.1 21.2 31.8
 88 17.7 14.5 21.7

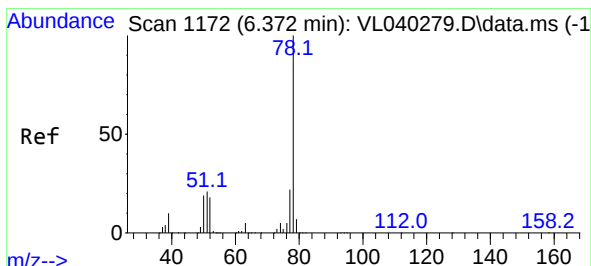
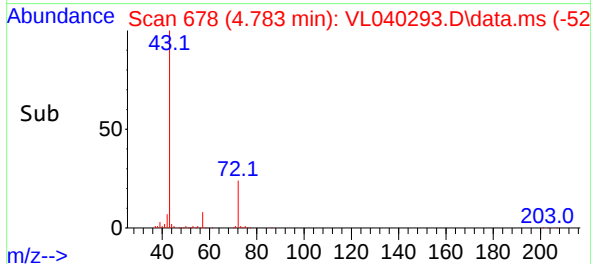
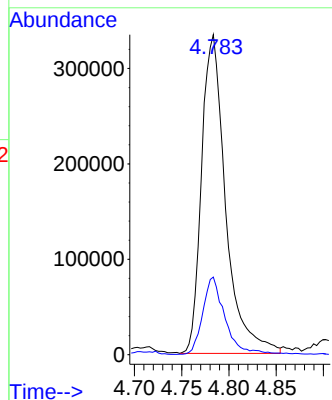
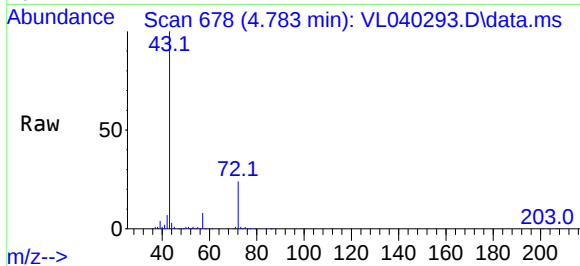




#34
2-Butanone
Concen: 4.301 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

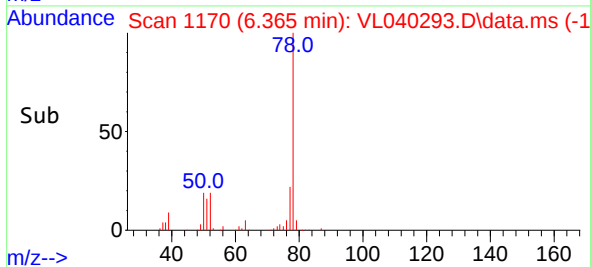
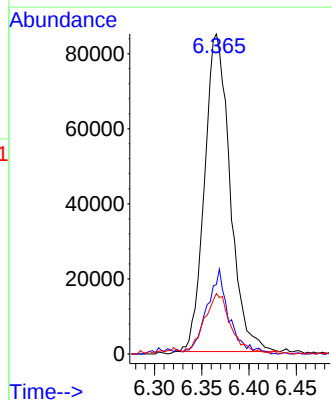
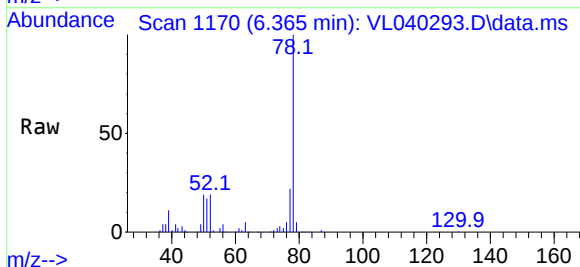
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

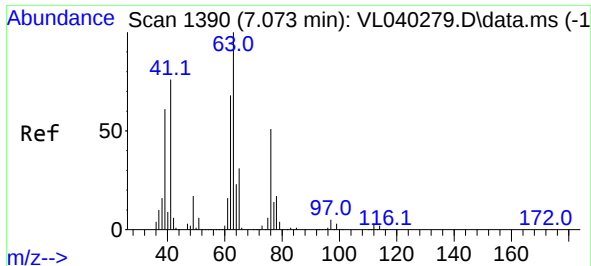
Tgt Ion: 43 Resp: 593318
Ion Ratio Lower Upper
43 100
72 22.6 18.3 27.5



#36
Benzene
Concen: 0.747 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 78 Resp: 159082
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.8
50 18.4 15.4 23.2





#39

1,2-Dichloropropane

Concen: 8.216 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DUP

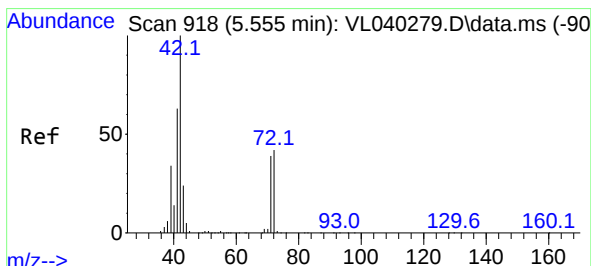
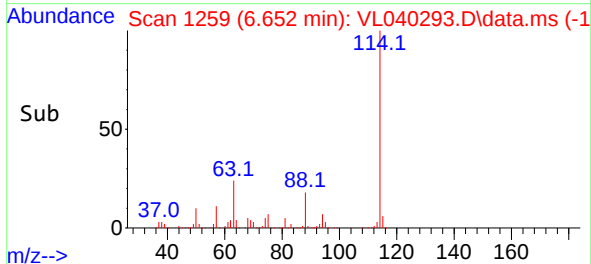
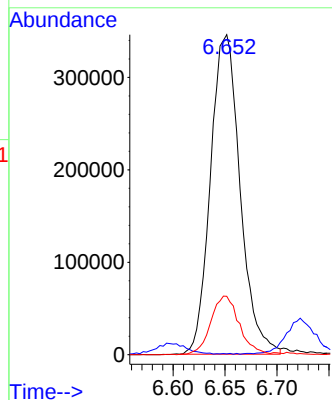
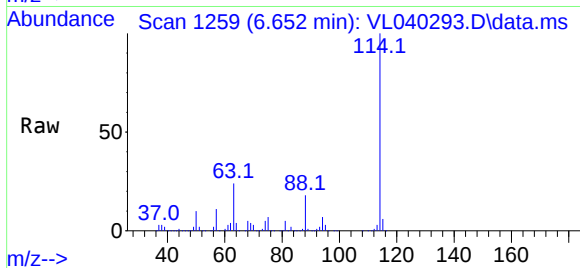
Tgt Ion: 63 Resp: 686524

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 18.2 54.1 81.1#



#41

Tetrahydrofuran

Concen: 1.384 ppbv

RT: 5.558 min Scan# 919

Delta R.T. 0.003 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

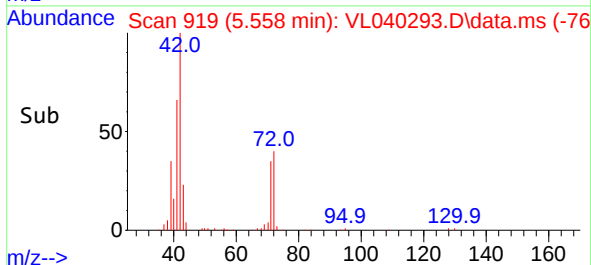
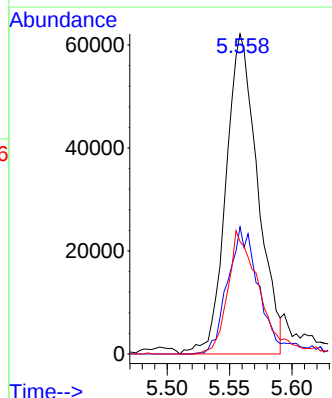
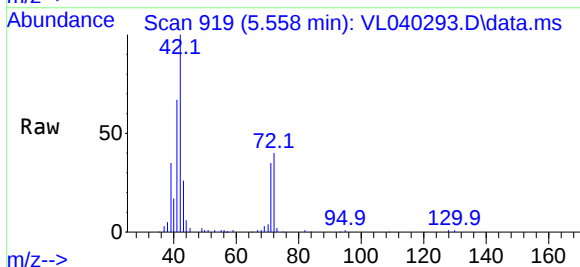
Tgt Ion: 42 Resp: 110202

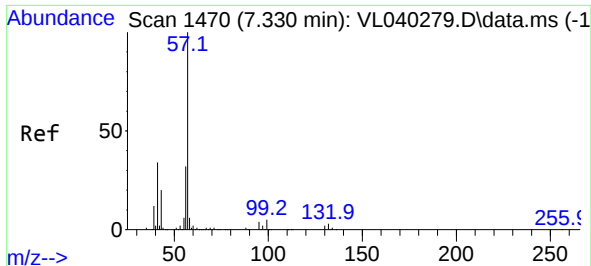
Ion Ratio Lower Upper

42 100

72 41.4 32.6 49.0

71 39.1 31.0 46.4



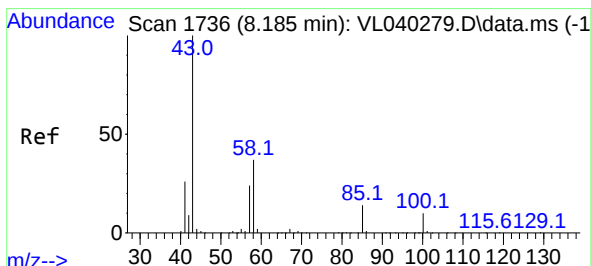
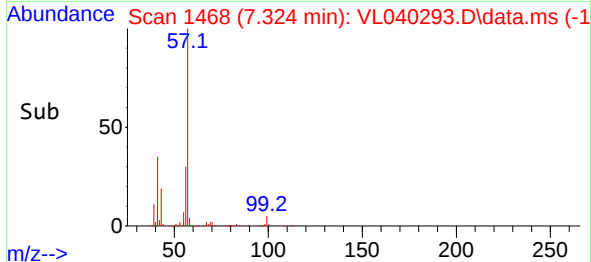
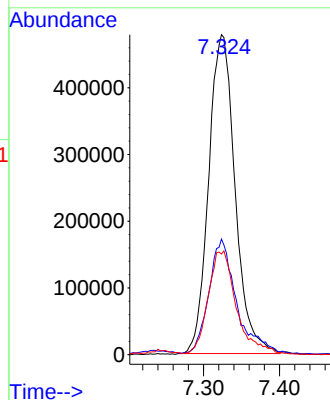
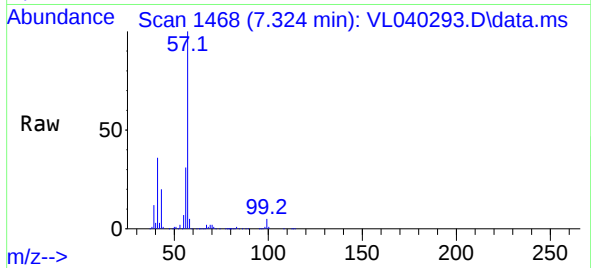


#44
2,2,4-Trimethylpentane
Concen: 3.254 ppbv
RT: 7.324 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

Tgt Ion: 57 Resp: 1155534

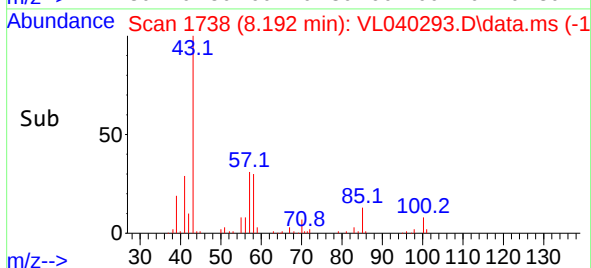
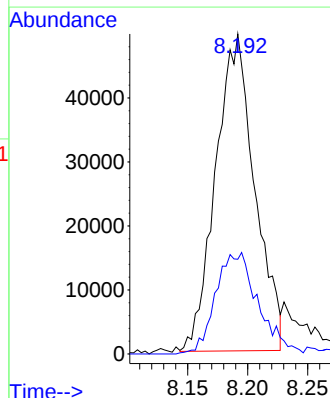
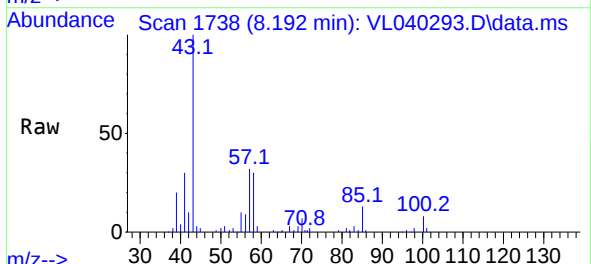
Ion	Ratio	Lower	Upper
57	100		
41	38.4	26.8	40.2
56	35.2	25.0	37.6

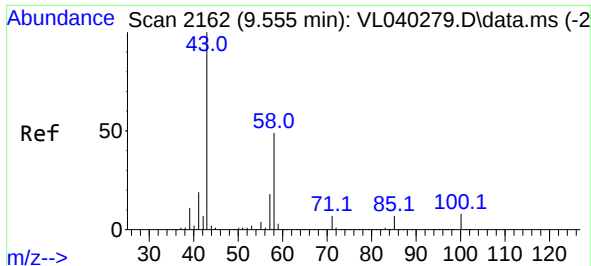


#50
4-Methyl-2-Pentanone
Concen: 0.526 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.007 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 43 Resp: 112347

Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.2	43.8

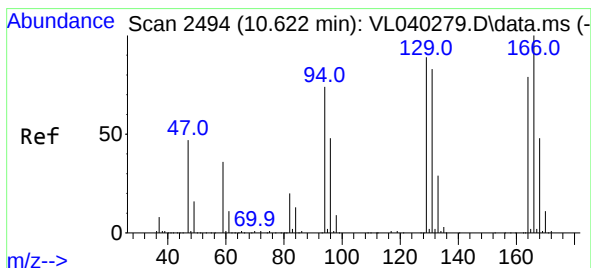
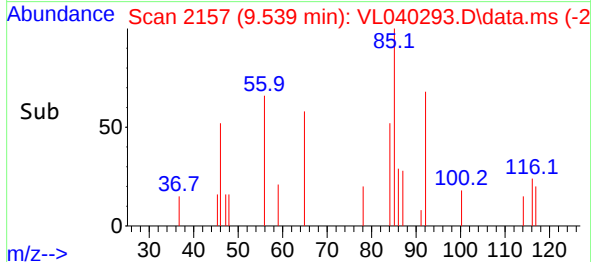
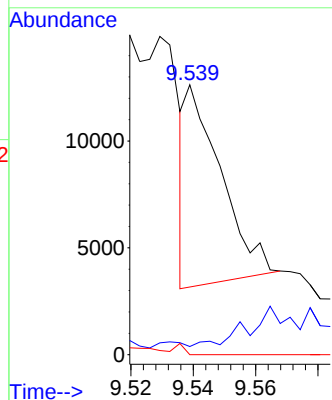
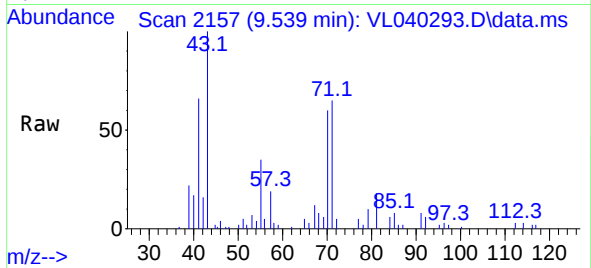




#51
2-Hexanone
Concen: 0.045 ppbv
RT: 9.539 min Scan# 2162
Delta R.T. -0.016 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

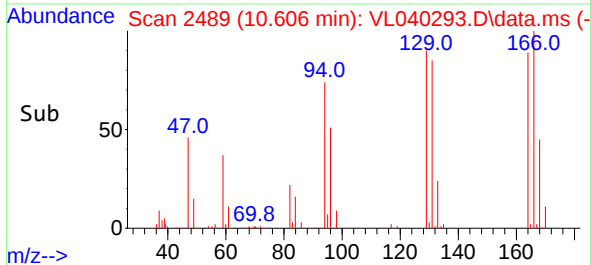
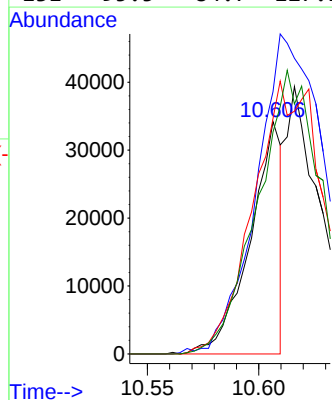
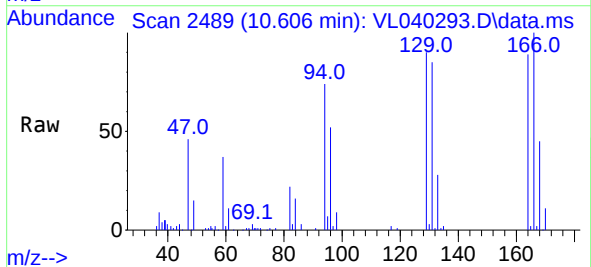
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

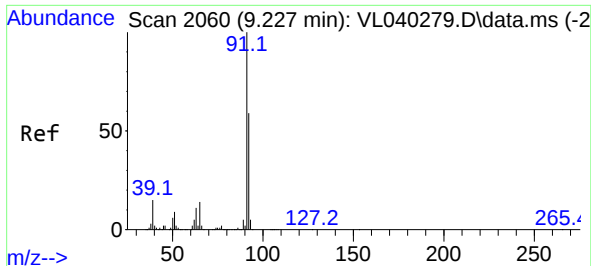
Tgt Ion: 43 Resp: 7386
Ion Ratio Lower Upper
43 100
58 57.4 38.0 57.0#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.520 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.016 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 164 Resp: 33487
Ion Ratio Lower Upper
164 100
166 112.3 101.8 152.6
129 101.3 90.2 135.2
131 95.5 84.7 127.1

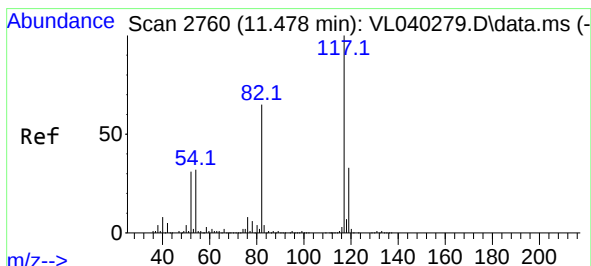
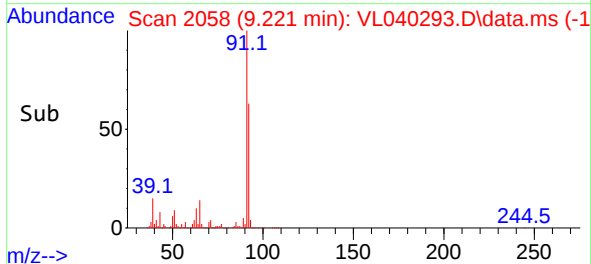
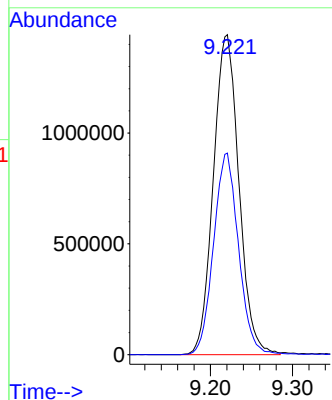
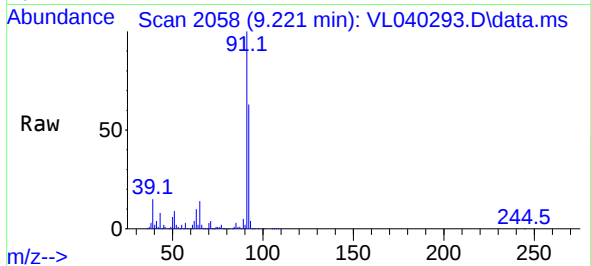




#53
Toluene
Concen: 14.031 ppbv
RT: 9.221 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

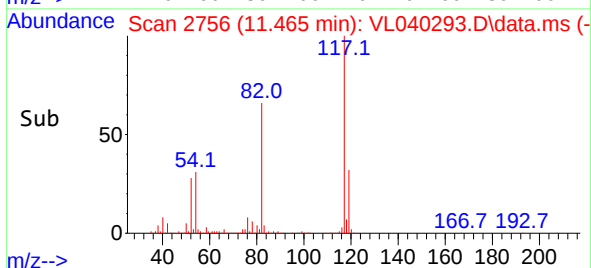
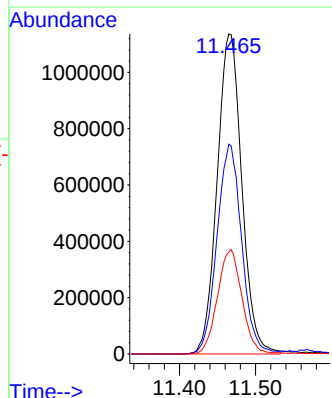
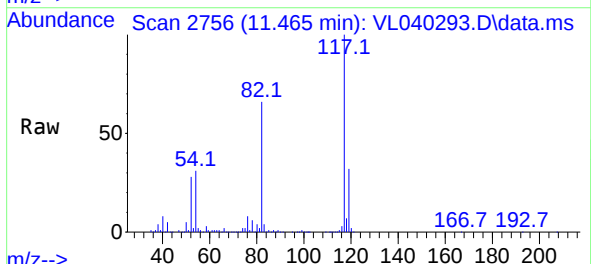
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

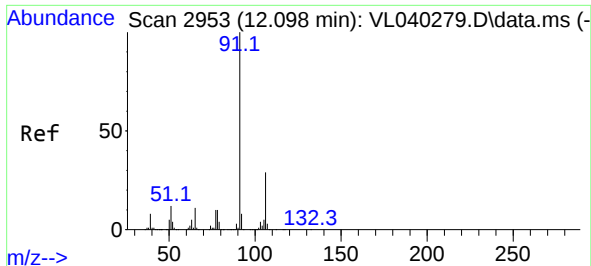
Tgt Ion: 91 Resp: 3131722
Ion Ratio Lower Upper
91 100
92 61.6 48.0 72.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.013 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 117 Resp: 2562391
Ion Ratio Lower Upper
117 100
82 65.5 51.4 77.2
119 32.7 24.0 36.0

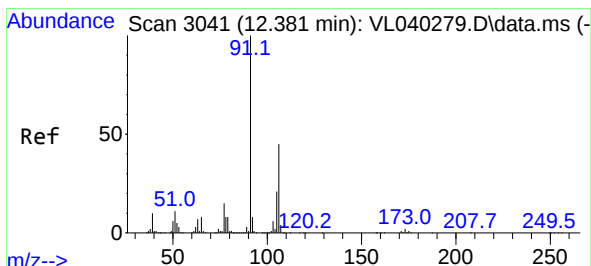
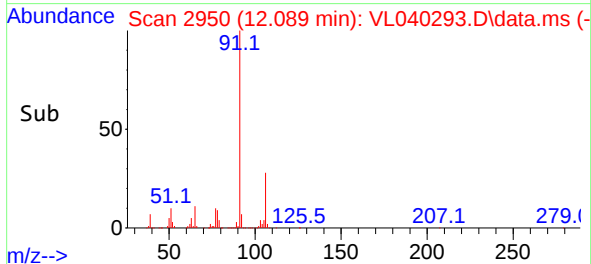
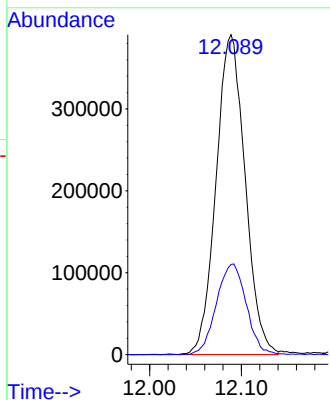
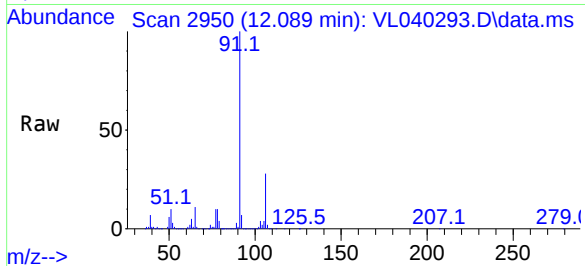




#58
Ethyl Benzene
Concen: 2.937 ppbv
RT: 12.089 min Scan# 2953
Delta R.T. -0.009 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

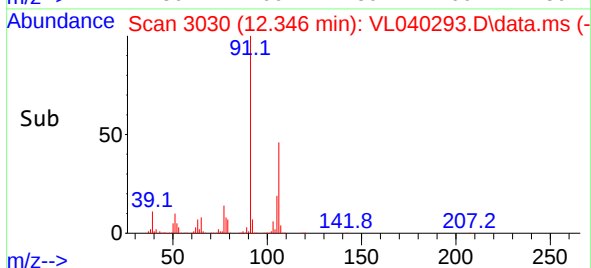
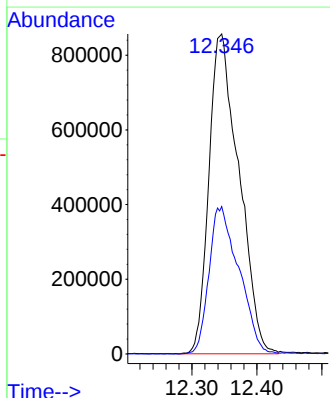
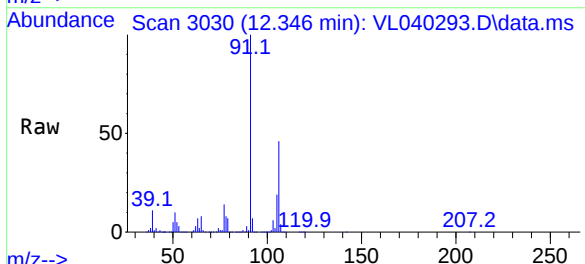
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2DUP

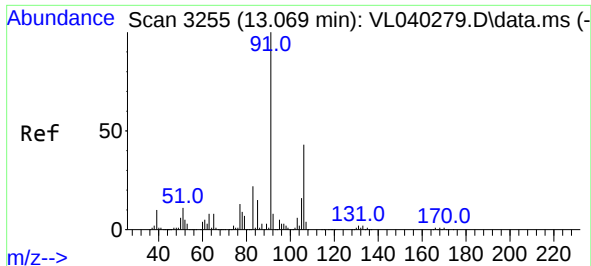
Tgt Ion: 91 Resp: 856883
Ion Ratio Lower Upper
91 100
106 28.2 23.4 35.2



#59
m/p-Xylene
Concen: 10.270 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.035 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 91 Resp: 2745084
Ion Ratio Lower Upper
91 100
106 46.3 34.0 51.0

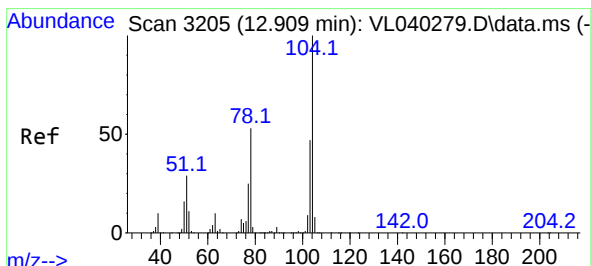
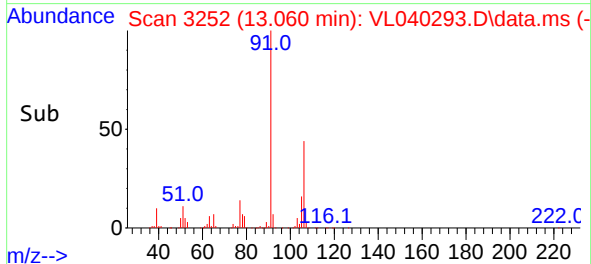
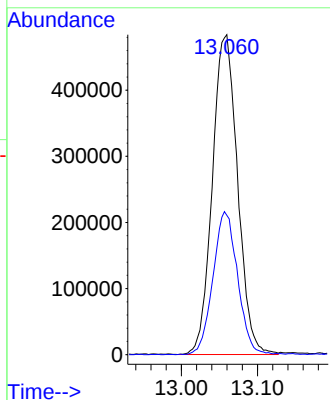
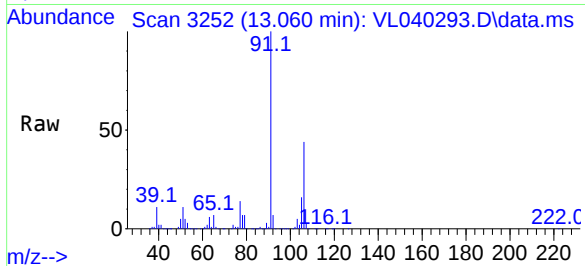




#60
o-Xylene
Concen: 4.367 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

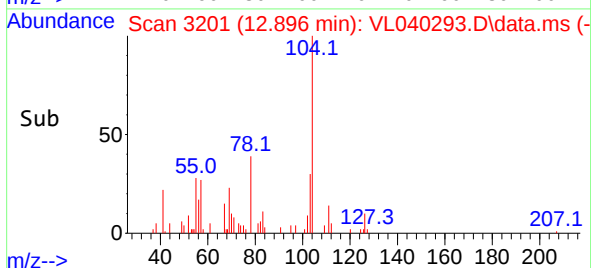
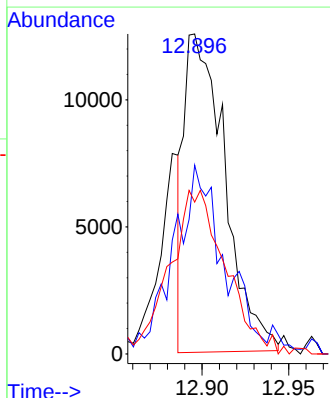
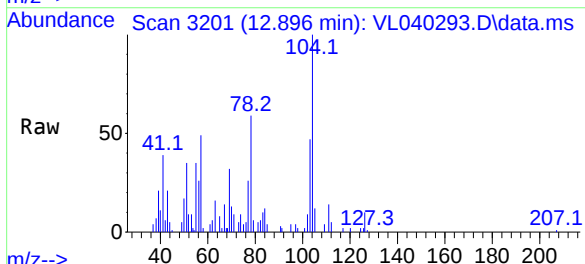
Instrument :
MSVOA_1
ClientSampleId :
SSSG-2DUP

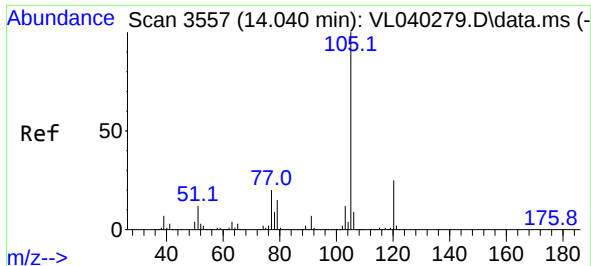
Tgt Ion: 91 Resp: 1115738
Ion Ratio Lower Upper
91 100
106 43.7 21.7 65.1



#61
Styrene
Concen: 0.157 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. -0.013 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 104 Resp: 20358
Ion Ratio Lower Upper
104 100
78 80.1 43.7 65.5#
103 72.1 37.4 56.2#

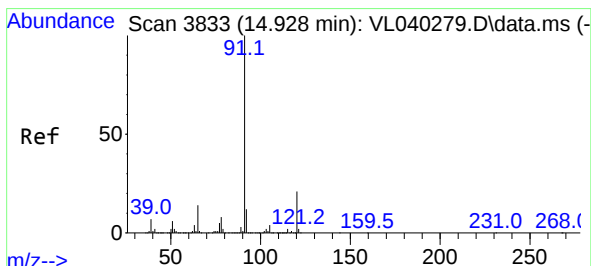
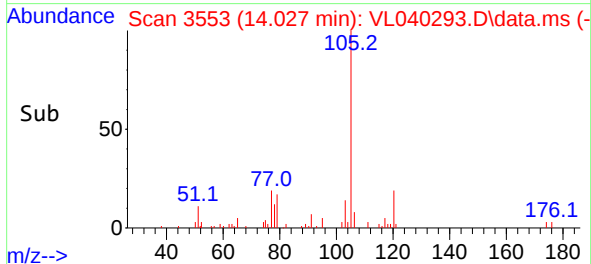
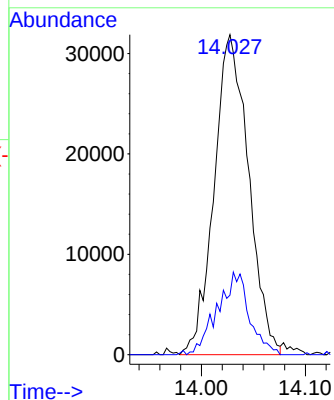
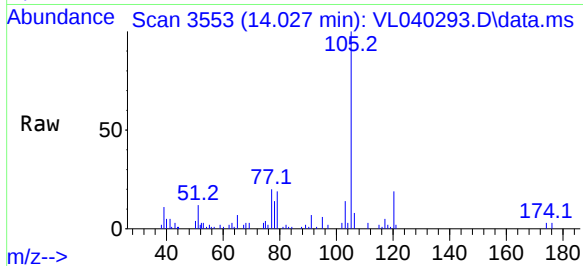




#62
Isopropylbenzene
Concen: 0.202 ppbv
RT: 14.027 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

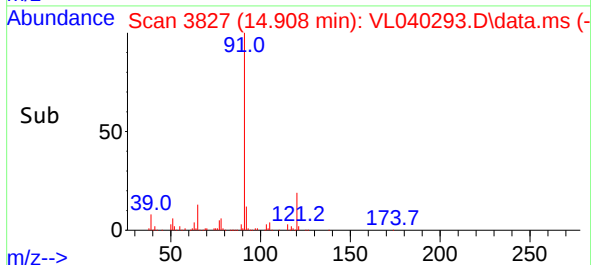
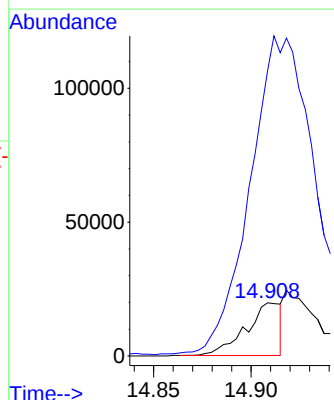
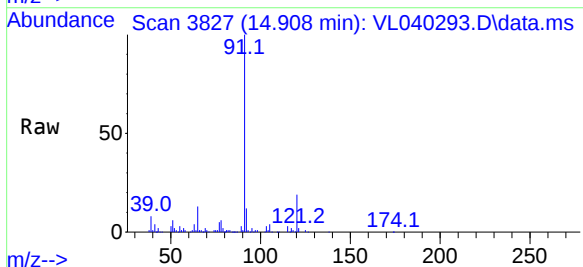
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

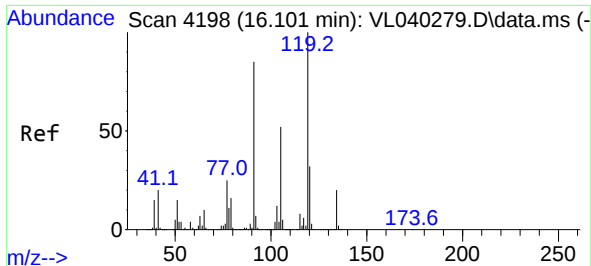
Tgt Ion:105 Resp: 73402
Ion Ratio Lower Upper
105 100
120 23.8 19.9 29.9



#64
n-propylbenzene
Concen: 0.276 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.020 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion:120 Resp: 24616
Ion Ratio Lower Upper
120 100
91 1137.3 399.0 598.6#

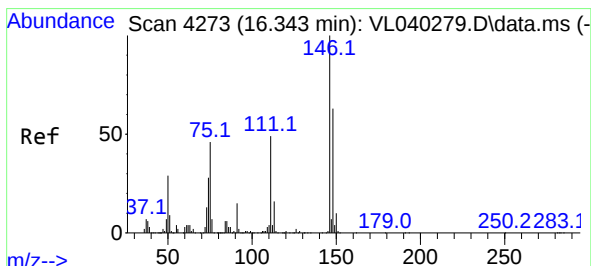
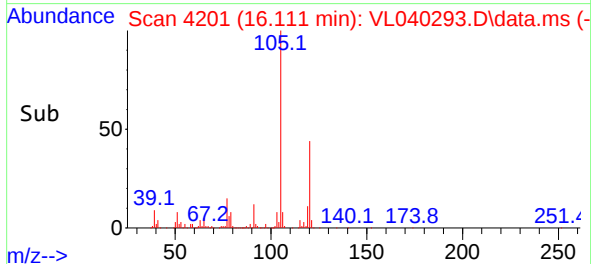
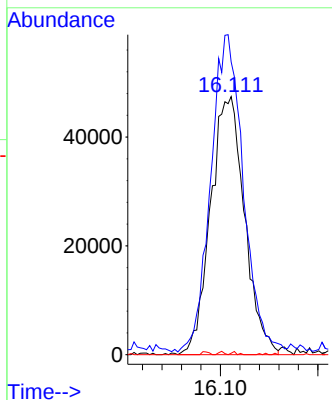
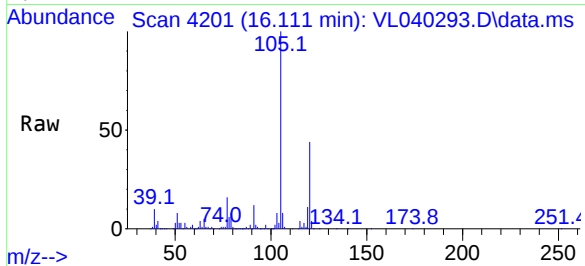




#65
tert-Butylbenzene
Concen: 0.366 ppbv
RT: 16.111 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

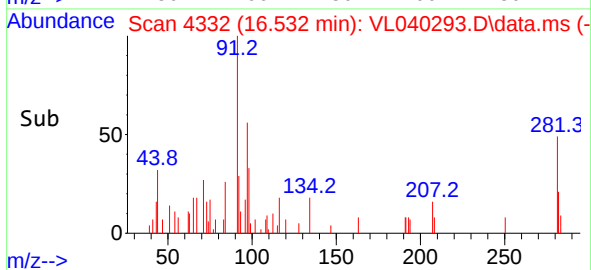
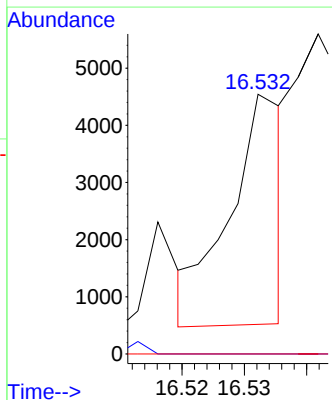
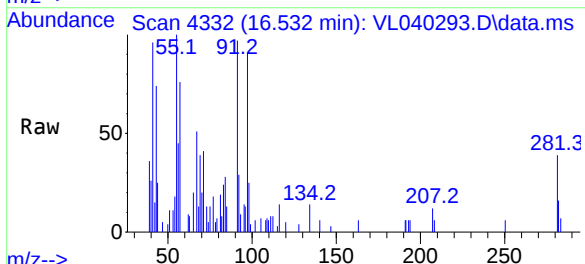
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

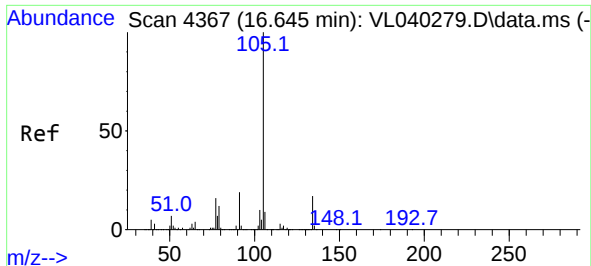
Tgt Ion:119 Resp: 114783
Ion Ratio Lower Upper
119 100
91 122.2 69.4 104.2#
134 0.0 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.119 ppbv
RT: 16.532 min Scan# 4332
Delta R.T. 0.189 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 91 Resp: 2427
Ion Ratio Lower Upper
91 100
126 147.7 12.1 18.1#
128 0.0 3.8 5.6#





#67

sec-Butylbenzene

Concen: 0.040 ppbv

RT: 16.635 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

Instrument :

MSVOA_L

ClientSampleId :

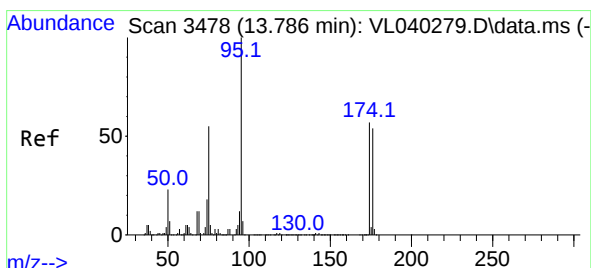
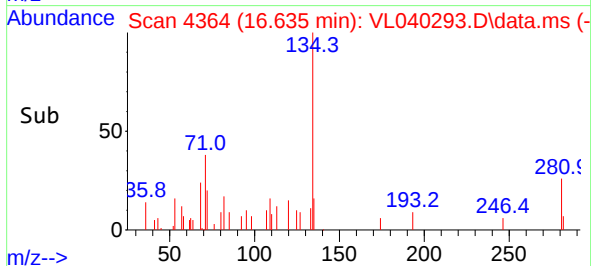
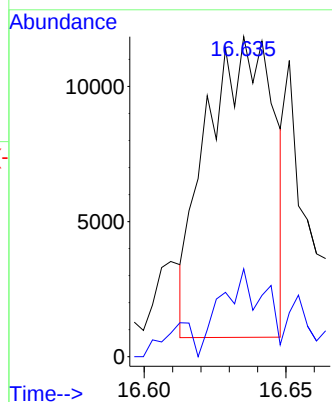
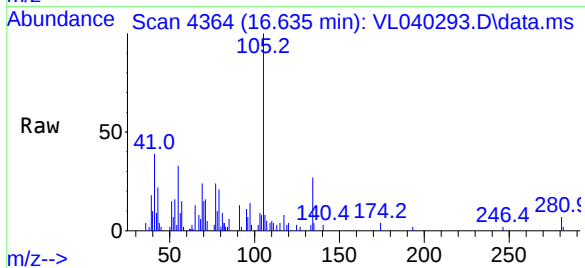
SSSG-2DUP

Tgt Ion:105 Resp: 18119

Ion Ratio Lower Upper

105 100

134 34.5 14.0 21.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.580 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. -0.009 min

Lab File: VL040293.D

Acq: 16 Mar 2023 13:13

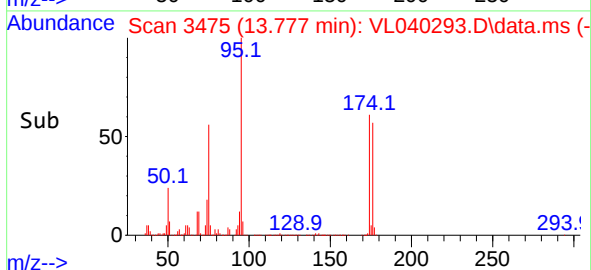
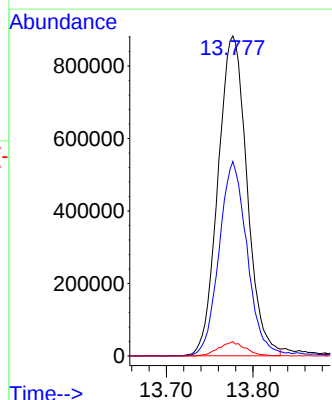
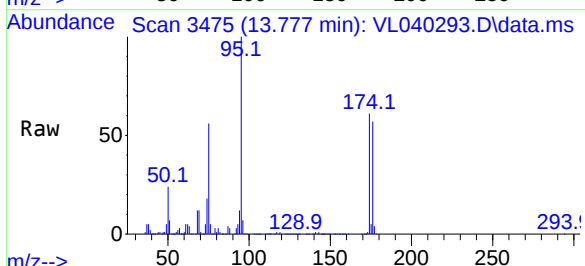
Tgt Ion: 95 Resp: 2055683

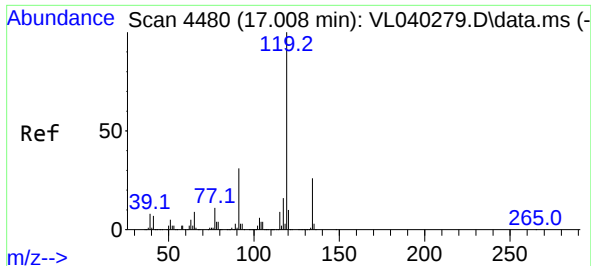
Ion Ratio Lower Upper

95 100

174 60.2 47.0 70.6

175 4.1 3.4 5.2

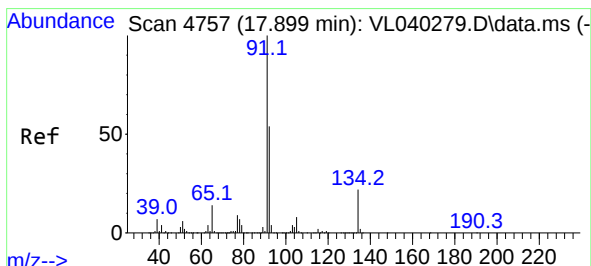
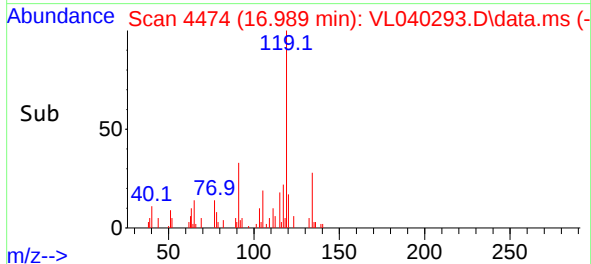
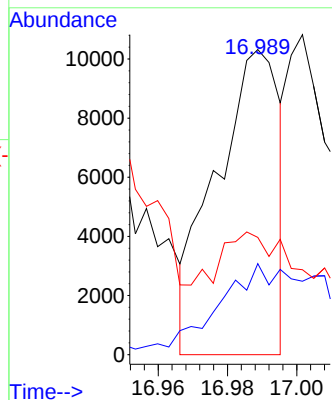
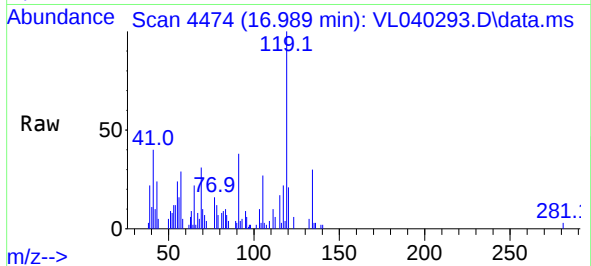




#69
p-Isopropyltoluene
Concen: 0.038 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.019 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

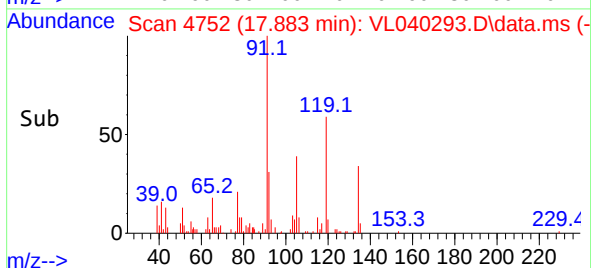
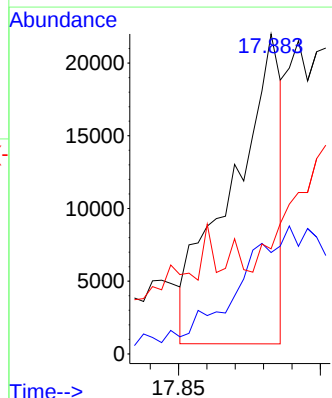
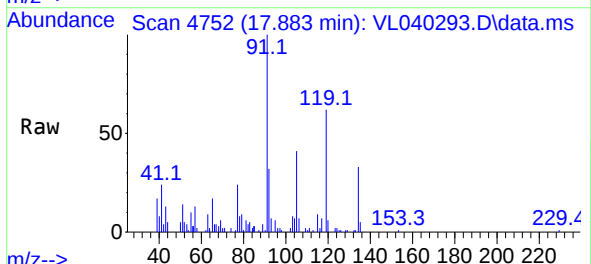
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

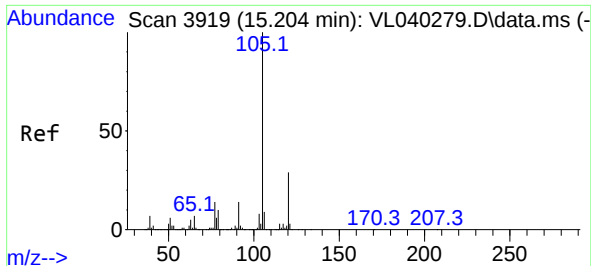
Tgt Ion:119 Resp: 13134
Ion Ratio Lower Upper
119 100
134 56.0 20.2 30.2#
91 0.0 25.1 37.7#



#70
n-Butylbenzene
Concen: 0.067 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion: 91 Resp: 25831
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 0.0 16.8 25.2#



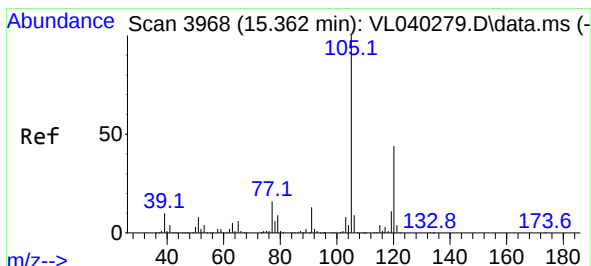
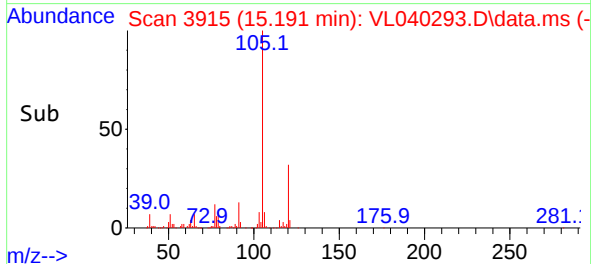
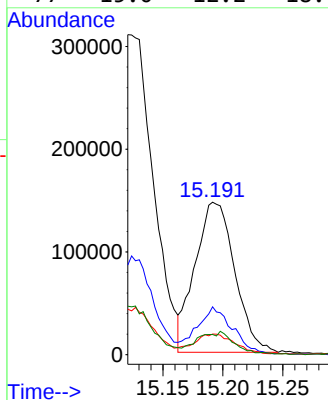
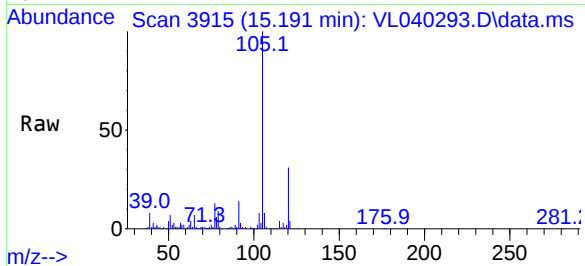


#72
4-Ethyltoluene
Concen: 1.206 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

Tgt Ion:105 Resp: 337041

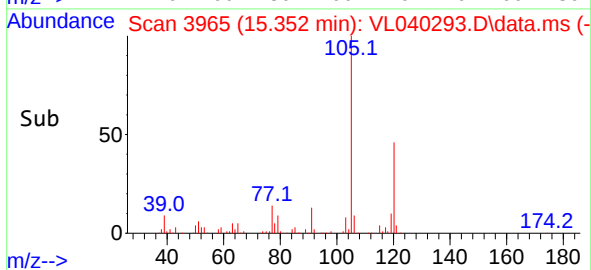
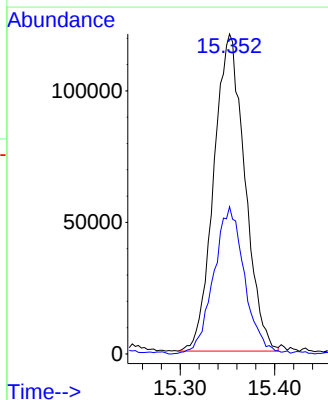
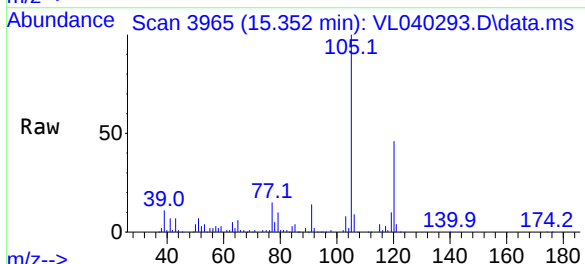
Ion	Ratio	Lower	Upper
105	100		
120	30.5	23.7	35.5
91	14.1	11.6	17.4
77	15.0	12.2	18.4

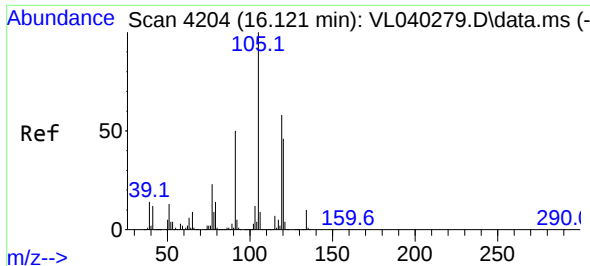


#73
1,3,5-Trimethylbenzene
Concen: 1.084 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.010 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion:105 Resp: 274398

Ion	Ratio	Lower	Upper
105	100		
120	46.2	34.9	52.3

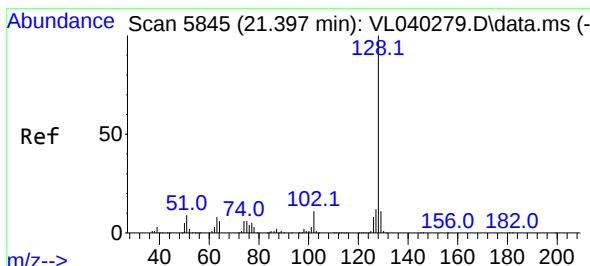
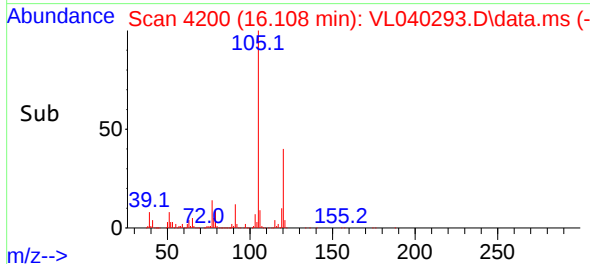
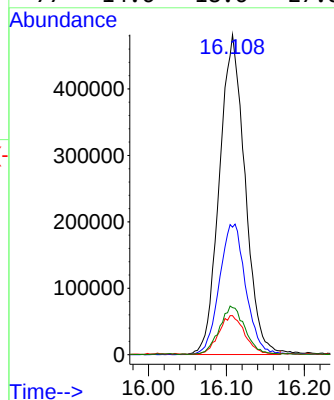
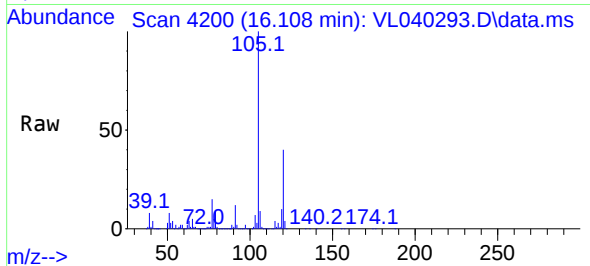




#74
1,2,4-Trimethylbenzene
Concen: 3.803 ppbv
RT: 16.108 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DUP

Tgt Ion:105 Resp: 1097396
Ion Ratio Lower Upper
105 100
120 39.8 36.6 54.8
91 12.0 39.9 59.9#
77 14.6 18.6 27.8#



#79
Naphthalene
Concen: 0.541 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. -0.010 min
Lab File: VL040293.D
Acq: 16 Mar 2023 13:13

Tgt Ion:128 Resp: 92278
Ion Ratio Lower Upper
128 100
127 13.5 9.6 14.4
129 11.1 8.6 13.0

