

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040797.D
 Acq On : 25 Oct 2023 12:45
 Operator : SY/MD
 Sample : 05024-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Quant Time: Oct 26 03:51:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	874746	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2370137	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2147785	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1665628	10.539	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	50349	0.327	ppbv	99
3) Chlorodifluoromethane	2.690	51	60330	0.469	ppbv #	92
4) Chloromethane	2.825	50	29863	0.588	ppbv	91
7) Chloroethane	3.198	64	596	0.035	ppbv #	43
8) Dichlorotetrafluoroethane	2.870	85	7255	0.062	ppbv	91
9) Propene	2.719	41	31682	0.664	ppbv #	74
10) Heptane	7.561	43	8766	0.073	ppbv #	28
11) Trichlorofluoromethane	3.568	101	38464	0.324	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.066	101	9567	0.113	ppbv	96
13) Ethanol	3.243	45	1066525	98.948	ppbv	99
14) Bromoethene	3.375	108	1411	0.039	ppbv #	74
15) Acetone	3.472	43	1048533	11.595	ppbv	100
16) 1,3-Butadiene	2.996	39	2183	0.046	ppbv #	20
17) tert-Butyl alcohol	3.581	59	24061	0.259	ppbv	99
18) 1,1-Dichloroethene	3.886	96	2276	0.060	ppbv #	37
19) Isopropyl Alcohol	3.581	45	724087	12.438	ppbv #	40
20) Methylene Chloride	3.935	84	384267	10.201	ppbv	99
21) Allyl Chloride	3.999	41	3375	0.057	ppbv #	77
25) Ethyl Acetate	5.201	43	299510	1.512	ppbv #	95
26) Hexane	5.208	57	215025	2.375	ppbv #	68
27) Carbon Disulfide	4.124	76	3034	0.030	ppbv #	61
29) Chloroform	5.269	83	43324	0.331	ppbv	98
30) Cyclohexane	6.594	84	4282	0.056	ppbv #	1
34) 2-Butanone	4.787	43	74266	0.692	ppbv	94
35) Carbon Tetrachloride	6.481	117	12387	0.093	ppbv	86
36) Benzene	6.359	78	29293	0.161	ppbv #	93
37) 1,2-Dichloroethane	5.803	62	5191	0.056	ppbv #	91
38) Trichloroethene	7.279	130	3919	0.049	ppbv #	72
39) 1,2-Dichloropropane	6.642	63	571802	8.028	ppbv #	27
40) 1,4-Dioxane	7.304	88	1189	0.044	ppbv #	1
41) Tetrahydrofuran	5.558	42	7223	0.097	ppbv #	37
43) Methyl Methacrylate	7.465	69	3293	0.045	ppbv #	1
53) Toluene	9.201	91	45035	0.208	ppbv #	51
58) Ethyl Benzene	12.063	91	10912	0.040	ppbv #	80
59) m/p-Xylene	12.349	91	6706	0.030	ppbv #	30
60) o-Xylene	13.037	91	25426	0.120	ppbv	100
61) Styrene	12.876	104	4929	0.042	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.333	105	11214	0.051	ppbv #	71
74) 1,2,4-Trimethylbenzene	16.079	105	9574	0.040	ppbv #	66
77) 1,2-Dichlorobenzene	17.127	146	10171	0.070	ppbv	91
80) Naphthalene,2-methyl-	24.358	142	17953	0.329	ppbv	96

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

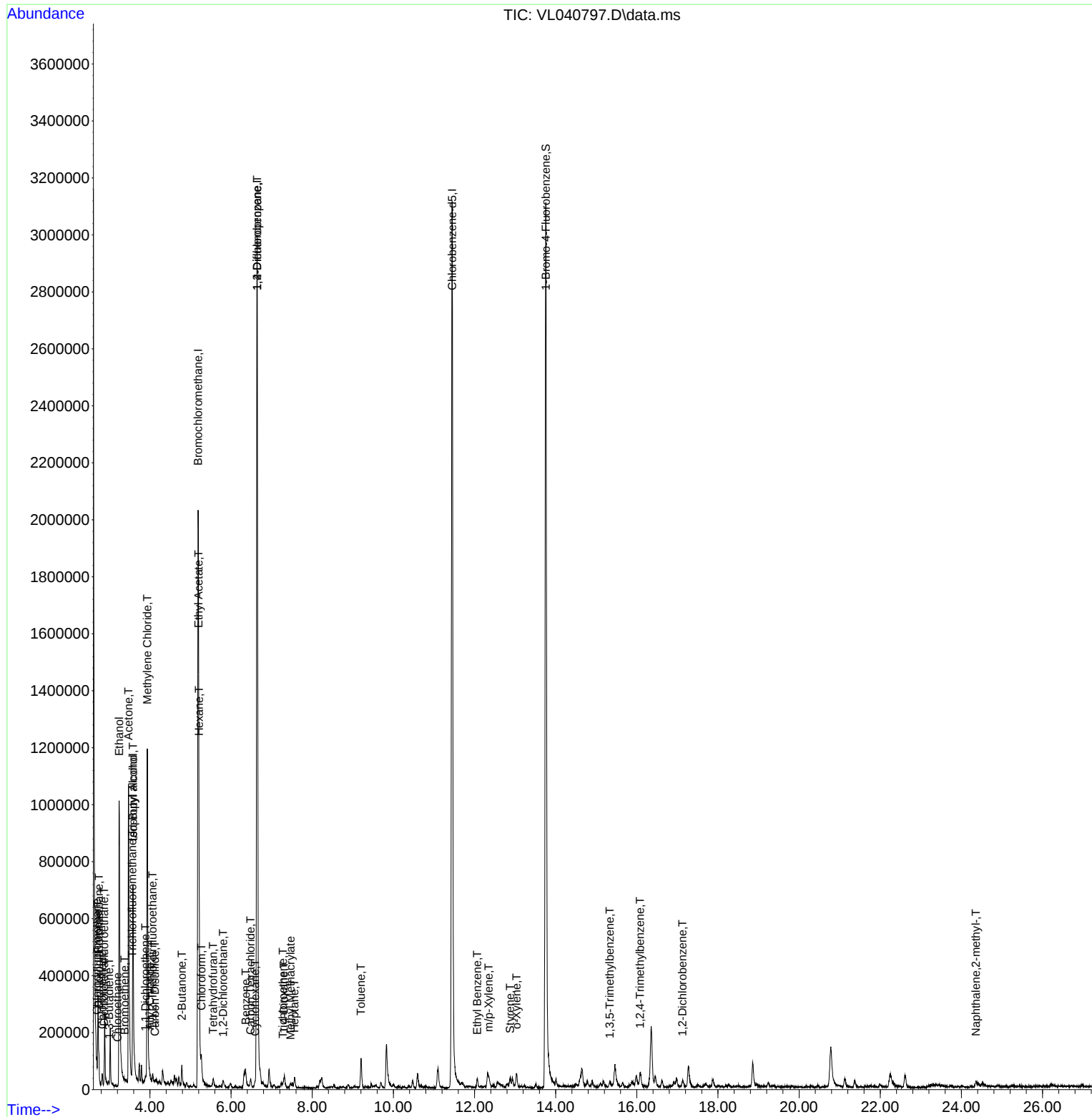
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

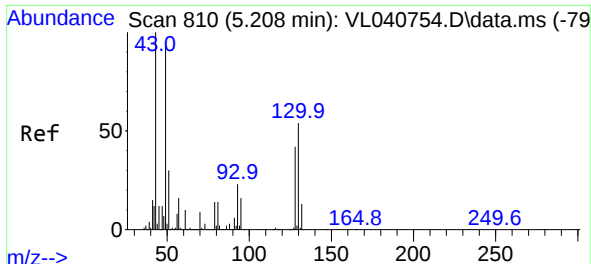
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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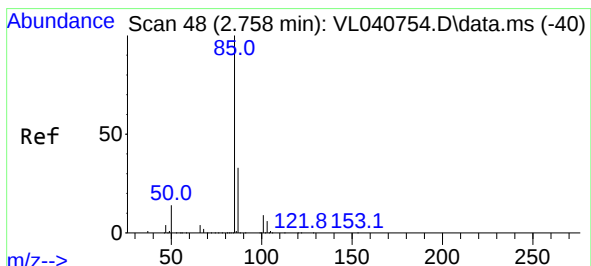
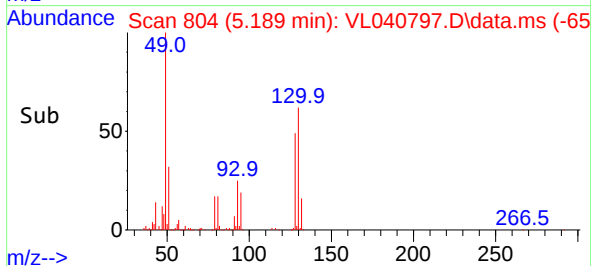
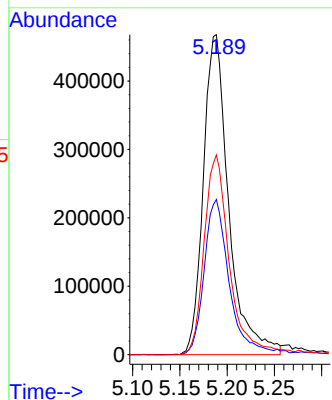
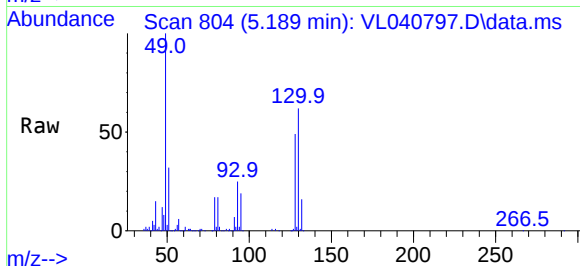




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

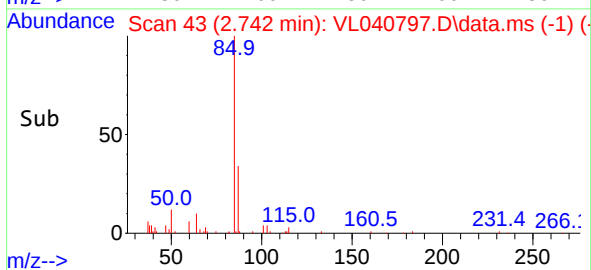
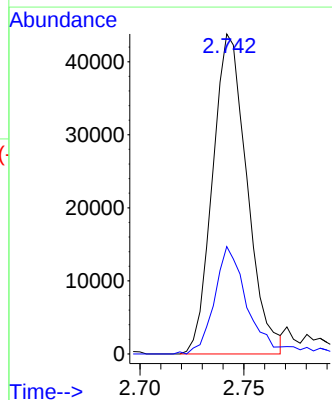
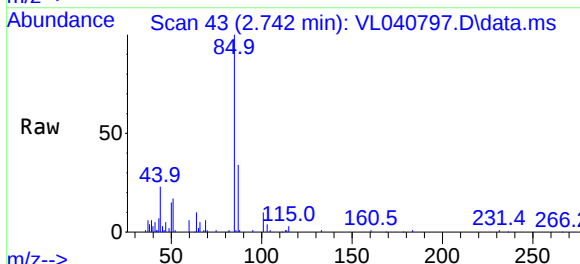
Instrument :
MSVOA_L
ClientSampleId :
IA-2

Tgt Ion: 49 Resp: 874746
Ion Ratio Lower Upper
49 100
128 49.0 23.9 71.7
130 63.6 30.7 92.1

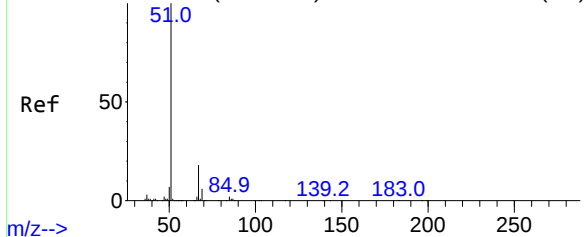


#2
Dichlorodifluoromethane
Concen: 0.327 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.016 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 85 Resp: 50349
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0



Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)

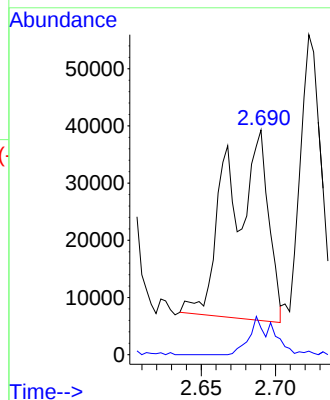
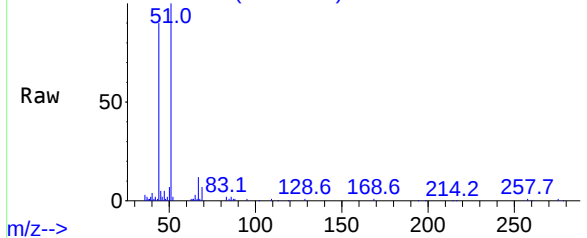


#3
Chlorodifluoromethane
Concen: 0.469 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

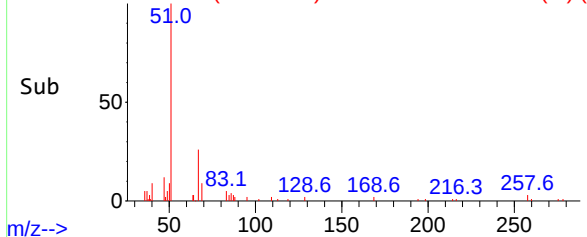
Instrument :
MSVOA_L
ClientSampleId :
IA-2

Tgt Ion: 51 Resp: 60330
Ion Ratio Lower Upper
51 100
67 13.6 13.8 20.6#

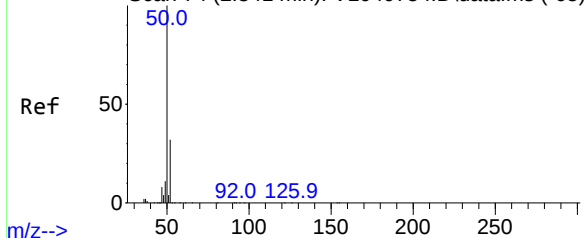
Abundance Scan 27 (2.690 min): VL040797.D\data.ms



Abundance Scan 27 (2.690 min): VL040797.D\data.ms (-1)



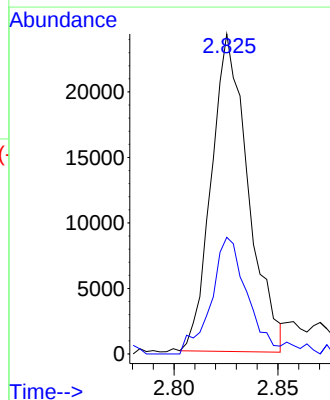
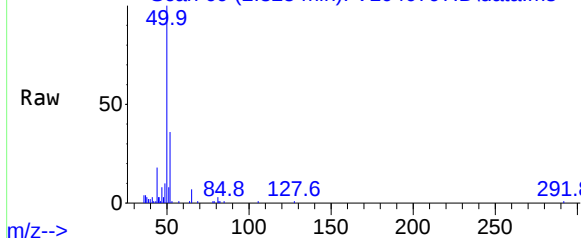
Abundance Scan 74 (2.841 min): VL040754.D\data.ms (-65)



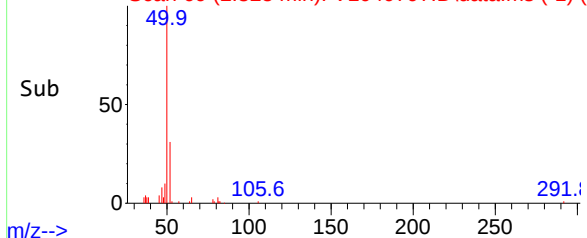
#4
Chloromethane
Concen: 0.588 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.016 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

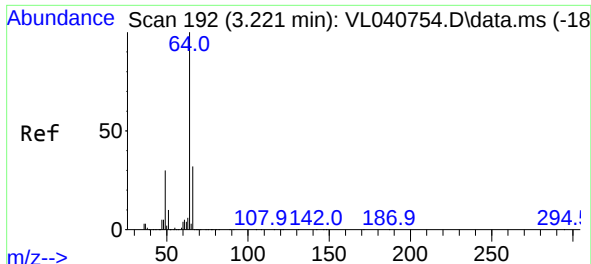
Tgt Ion: 50 Resp: 29863
Ion Ratio Lower Upper
50 100
52 36.8 25.3 37.9

Abundance Scan 69 (2.825 min): VL040797.D\data.ms



Abundance Scan 69 (2.825 min): VL040797.D\data.ms (-1)

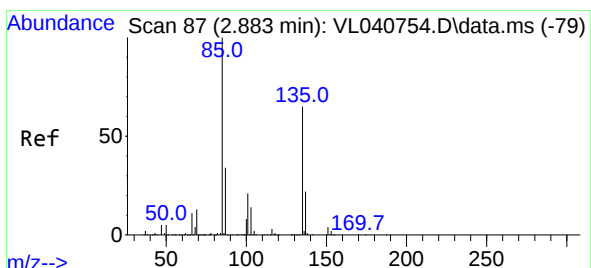
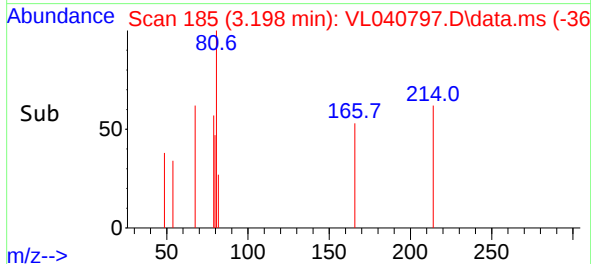
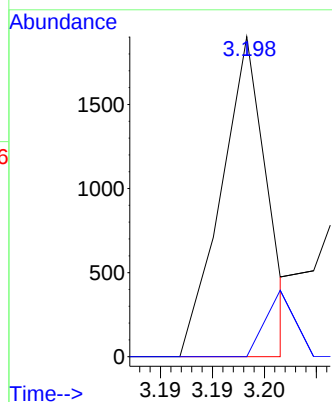
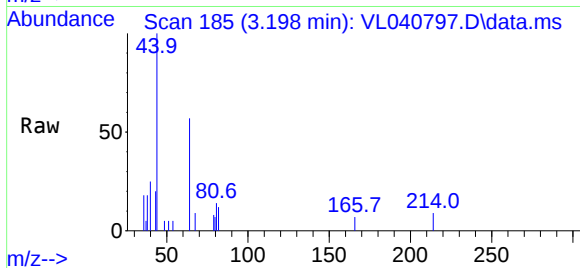




#7
Chloroethane
Concen: 0.035 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

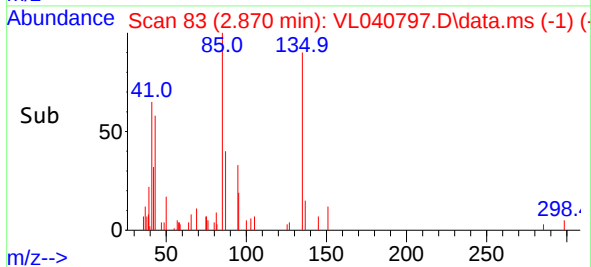
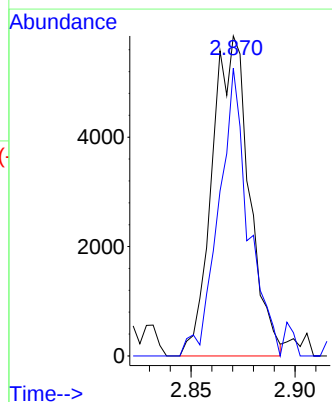
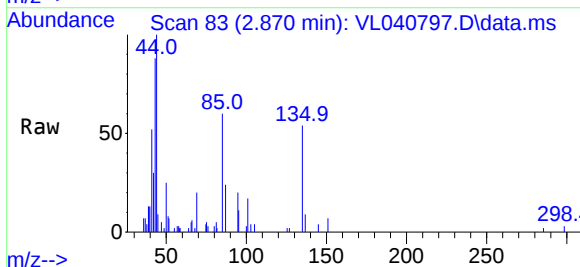
Instrument :
MSVOA_L
ClientSampleId :
IA-2

Tgt Ion: 64 Resp: 596
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

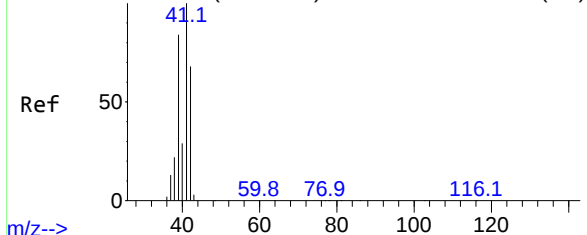


#8
Dichlorotetrafluoroethane
Concen: 0.062 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 85 Resp: 7255
Ion Ratio Lower Upper
85 100
135 76.3 55.4 83.2

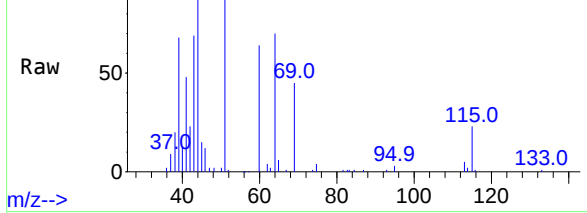


Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



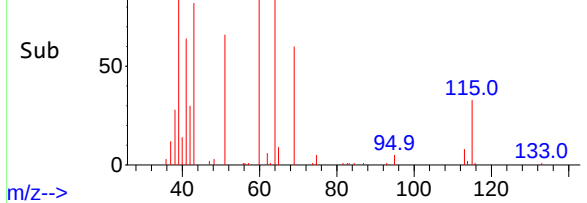
m/z-->

Abundance Scan 36 (2.719 min): VL040797.D\data.ms



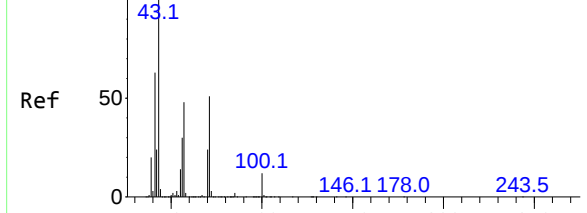
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Abundance Scan 36 (2.719 min): VL040797.D\data.ms (-1)



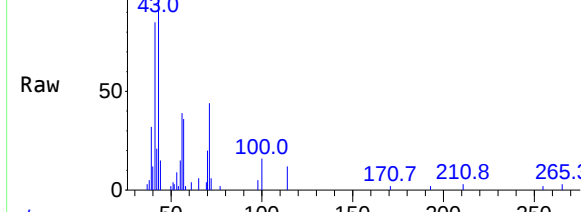
m/z-->

Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



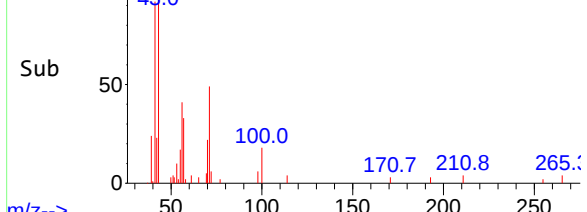
m/z-->

Abundance Scan 1542 (7.561 min): VL040797.D\data.ms



m/z-->

Abundance Scan 1542 (7.561 min): VL040797.D\data.ms (-1)



m/z-->

#9

Propene

Concen: 0.664 ppbv

RT: 2.719 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

IA-2

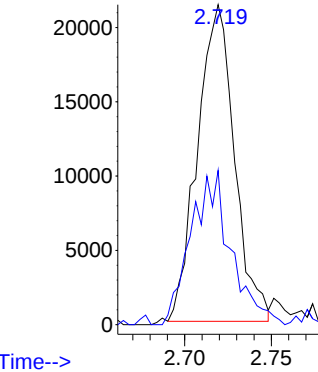
Tgt Ion: 41 Resp: 31682

Ion Ratio Lower Upper

41 100

42 50.1 57.1 85.7#

Abundance



Time-->

#10

Heptane

Concen: 0.073 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.029 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

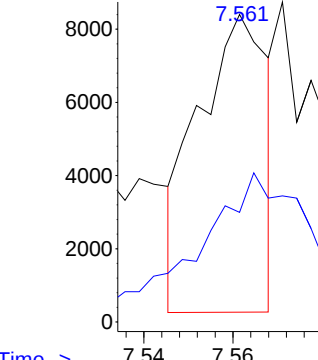
Tgt Ion: 43 Resp: 8766

Ion Ratio Lower Upper

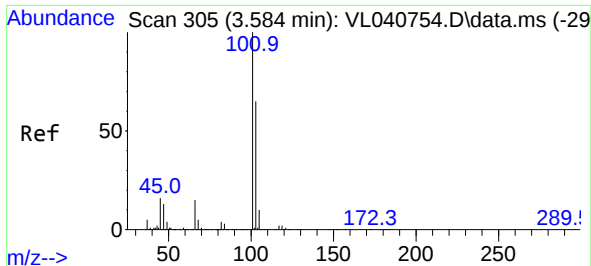
43 100

57 99.6 40.0 60.0#

Abundance



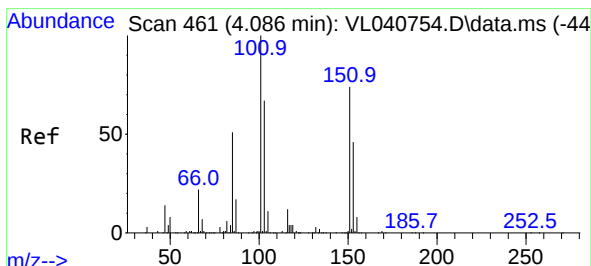
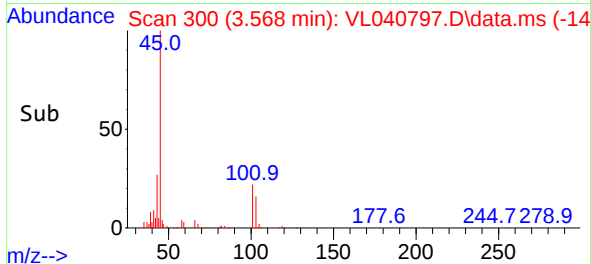
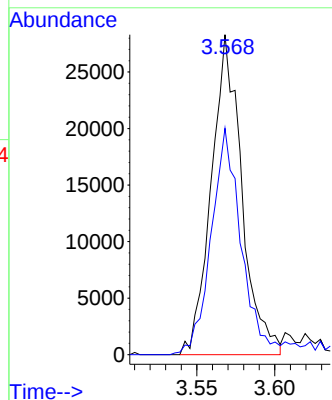
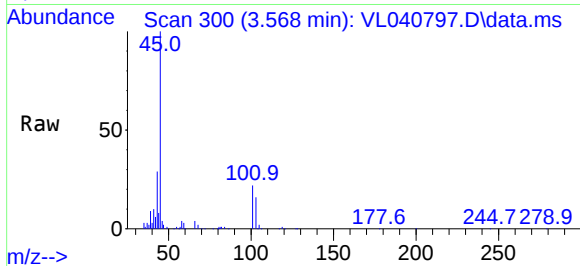
Time-->



#11
 Trichlorofluoromethane
 Concen: 0.324 ppbv
 RT: 3.568 min Scan# 305
 Delta R.T. -0.016 min
 Lab File: VL040797.D
 Acq: 25 Oct 2023 12:45

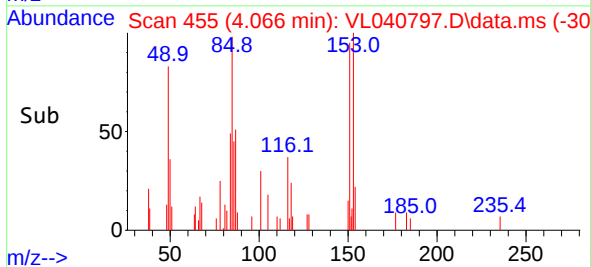
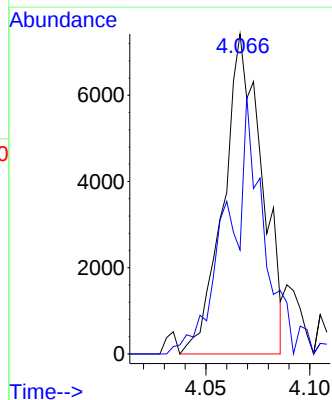
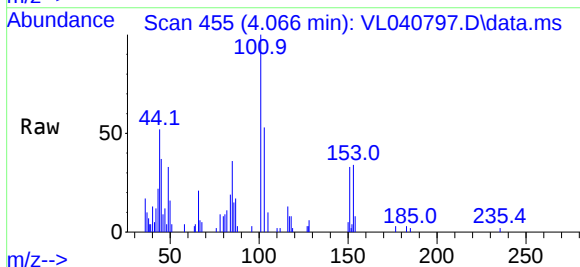
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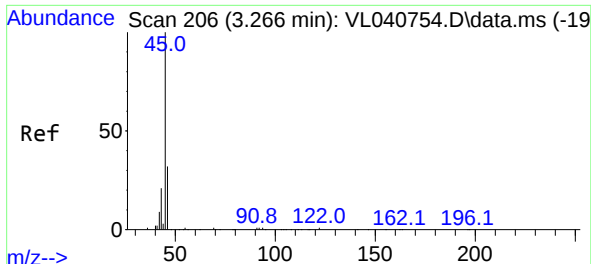
Tgt Ion:101 Resp: 38464
 Ion Ratio Lower Upper
 101 100
 103 70.0 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.113 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.019 min
 Lab File: VL040797.D
 Acq: 25 Oct 2023 12:45

Tgt Ion:101 Resp: 9567
 Ion Ratio Lower Upper
 101 100
 151 76.0 58.1 87.1





#13

Ethanol

Concen: 98.948 ppbv

RT: 3.243 min Scan# 199

Delta R.T. -0.022 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

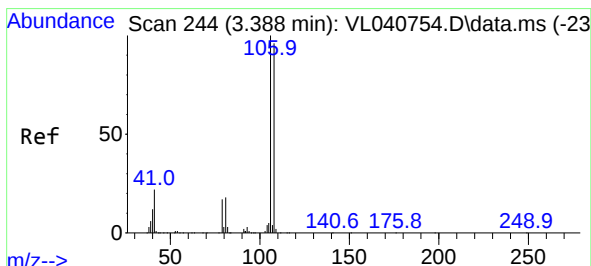
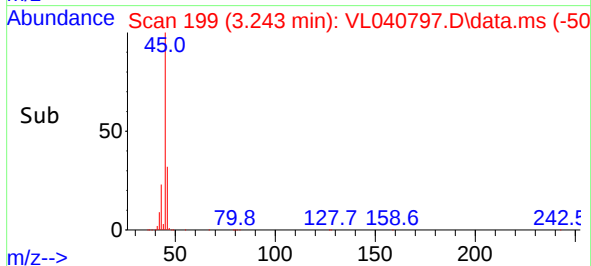
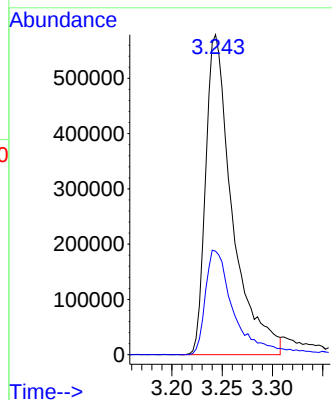
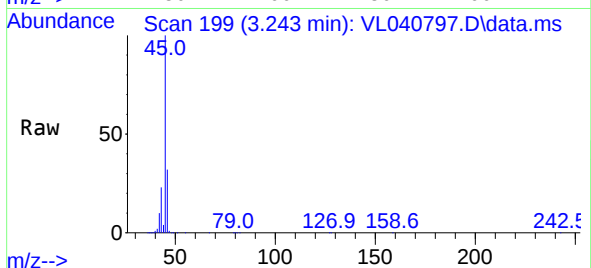
IA-2

Tgt Ion: 45 Resp: 1066525

Ion Ratio Lower Upper

45 100

46 36.0 14.6 58.2



#14

Bromoethene

Concen: 0.039 ppbv

RT: 3.375 min Scan# 240

Delta R.T. -0.013 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

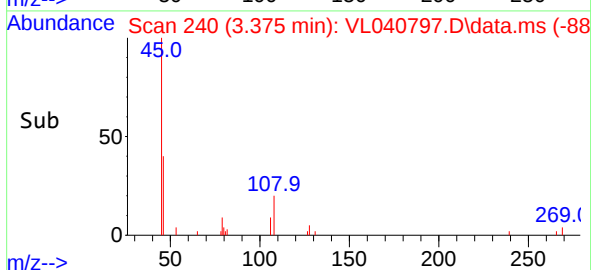
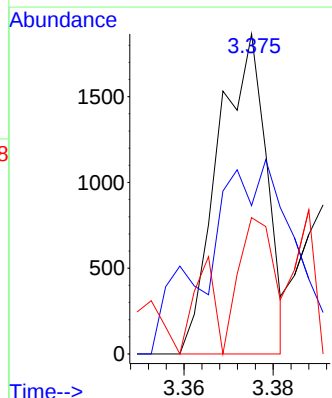
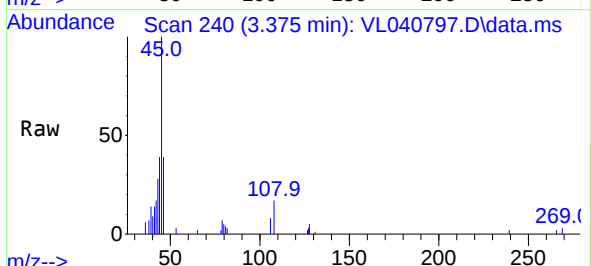
Tgt Ion:108 Resp: 1411

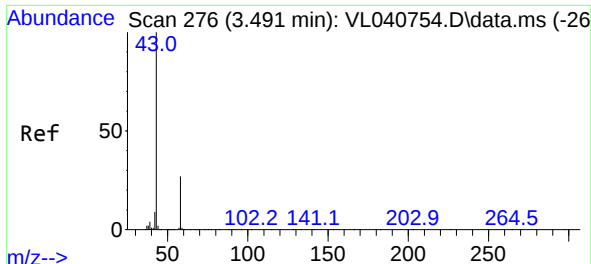
Ion Ratio Lower Upper

108 100

106 130.8 85.2 127.8#

79 0.0 15.7 23.5#

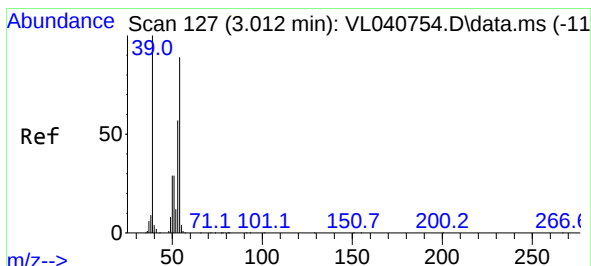
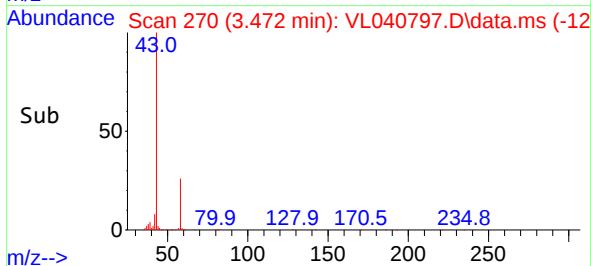
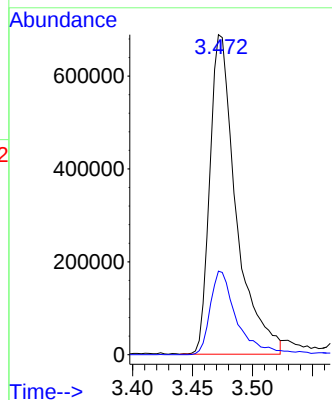
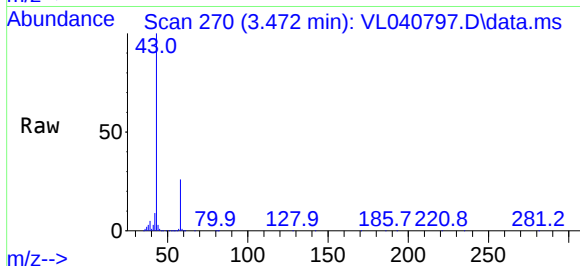




#15
Acetone
Concen: 11.595 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

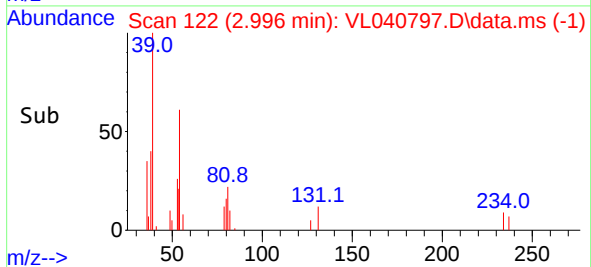
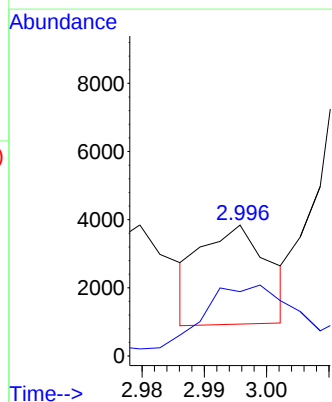
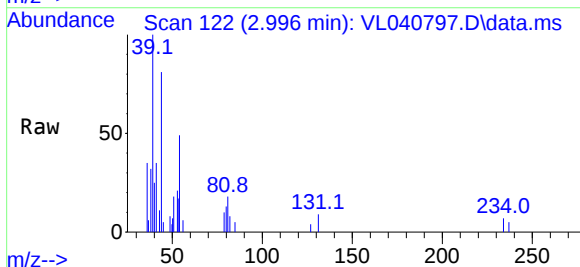
Instrument :
MSVOA_L
ClientSampleId :
IA-2

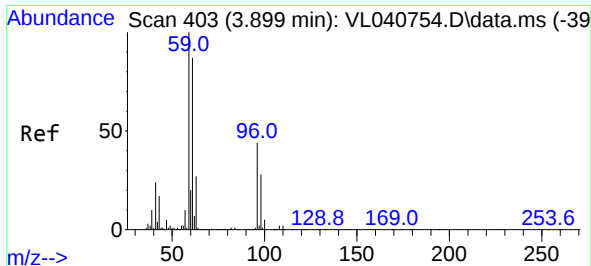
Tgt Ion: 43 Resp: 1048533
Ion Ratio Lower Upper
43 100
58 26.8 21.6 32.4



#16
1,3-Butadiene
Concen: 0.046 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.016 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 39 Resp: 2183
Ion Ratio Lower Upper
39 100
54 148.6 63.0 94.6





#17

tert-Butyl alcohol

Concen: 0.259 ppbv

RT: 3.581 min Scan# 304

Delta R.T. -0.318 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

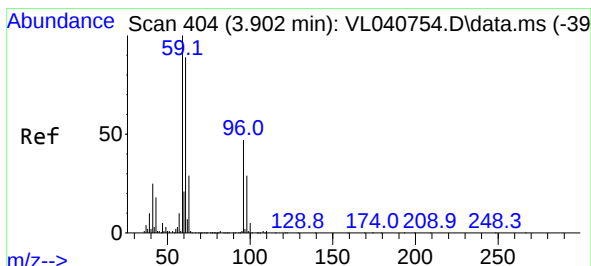
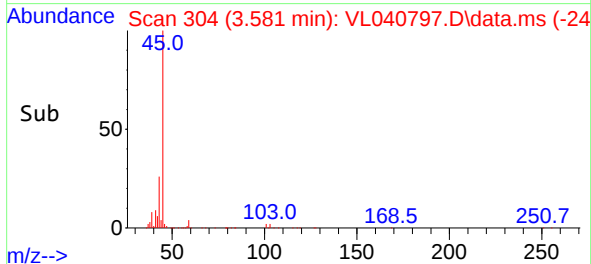
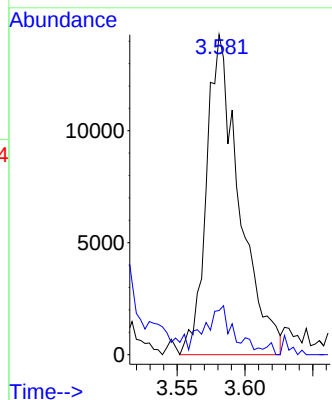
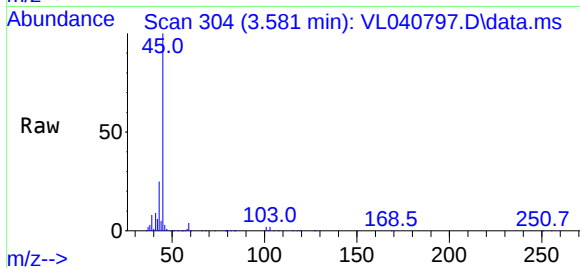
IA-2

Tgt Ion: 59 Resp: 24061

Ion Ratio Lower Upper

59 100

57 11.0 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.060 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.016 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

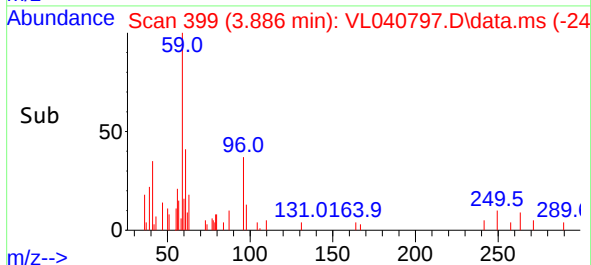
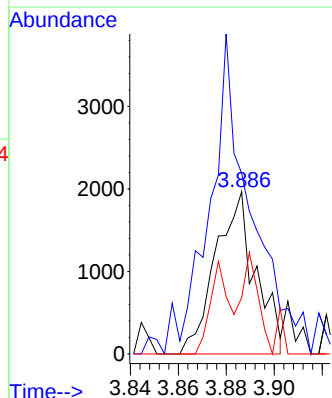
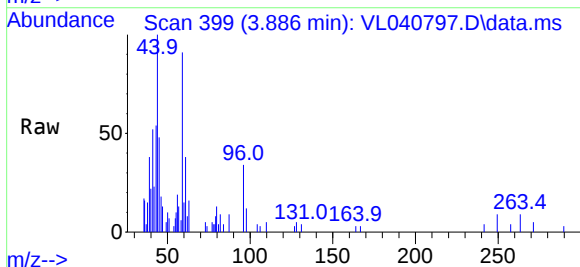
Tgt Ion: 96 Resp: 2276

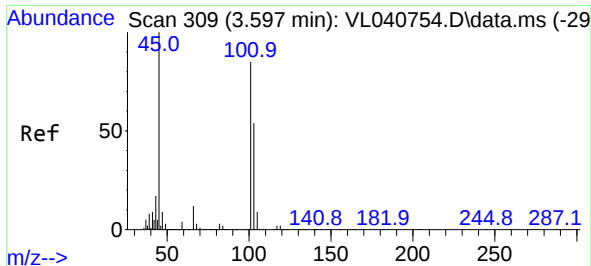
Ion Ratio Lower Upper

96 100

61 84.6 152.5 228.7#

98 34.7 49.6 74.4#





#19

Isopropyl Alcohol

Concen: 12.438 ppbv

RT: 3.581 min Scan# 309

Delta R.T. -0.016 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

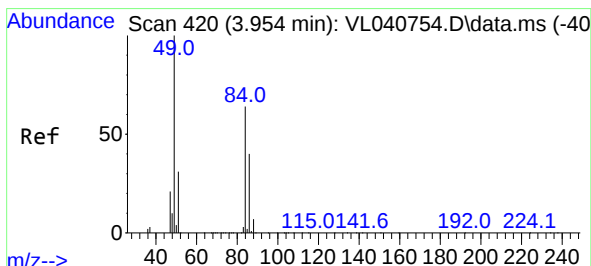
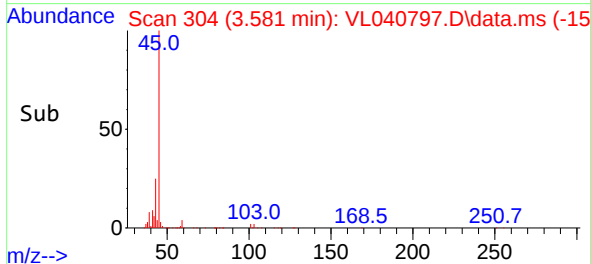
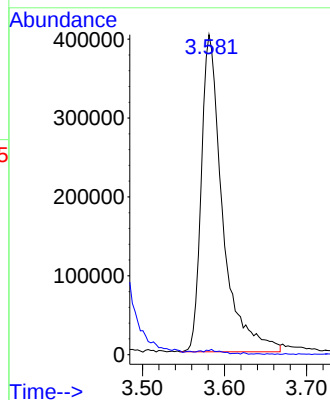
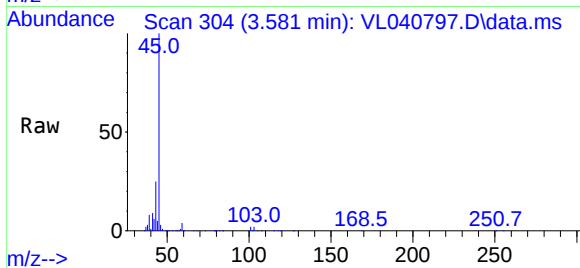
IA-2

Tgt Ion: 45 Resp: 724087

Ion Ratio Lower Upper

45 100

58 1.9 30.3 45.5#



#20

Methylene Chloride

Concen: 10.201 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.019 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Tgt Ion: 84 Resp: 384267

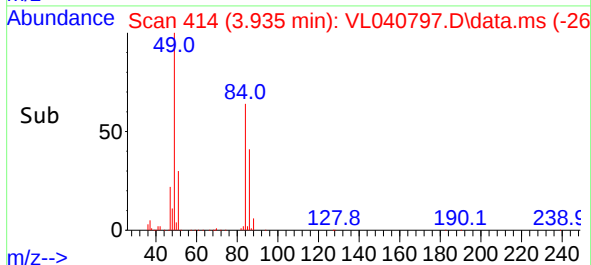
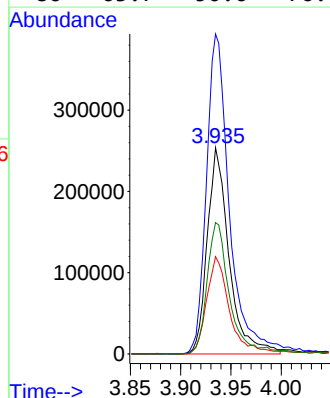
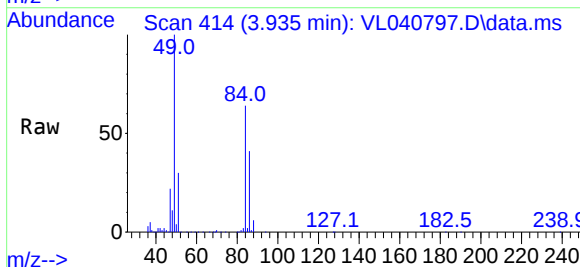
Ion Ratio Lower Upper

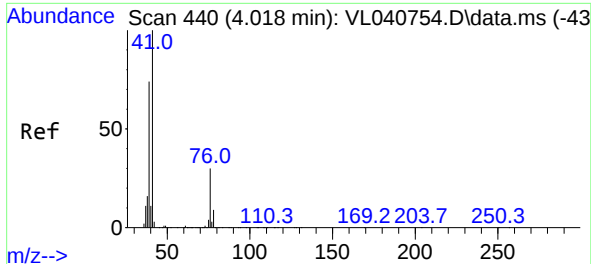
84 100

49 155.1 125.6 188.4

51 47.0 38.9 58.3

86 63.7 50.6 76.0





#21

Allyl Chloride

Concen: 0.057 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

IA-2

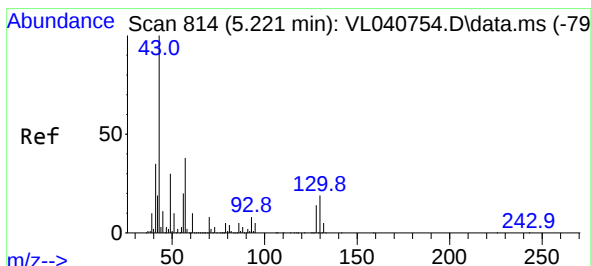
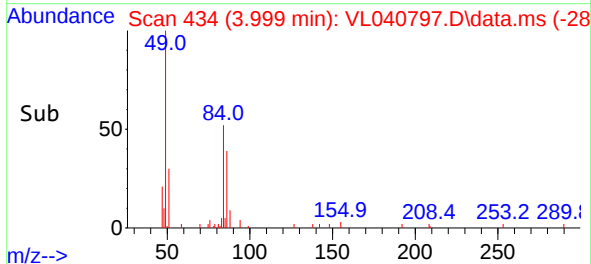
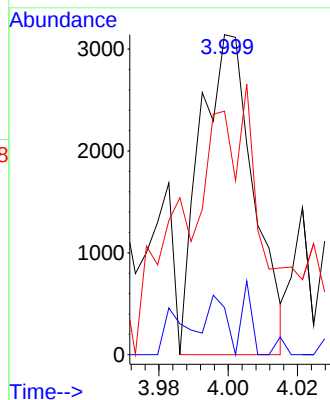
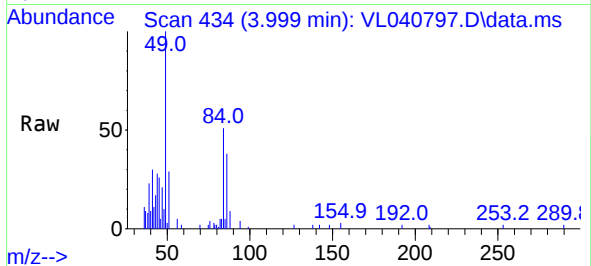
Tgt Ion: 41 Resp: 3375

Ion Ratio Lower Upper

41 100

76 19.0 24.1 36.1#

39 101.1 63.8 95.6#



#25

Ethyl Acetate

Concen: 1.512 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.019 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Tgt Ion: 43 Resp: 299510

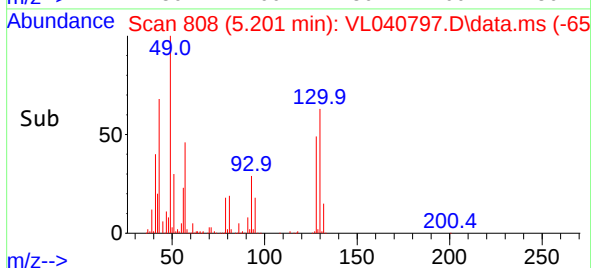
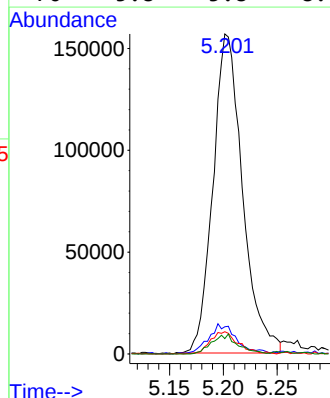
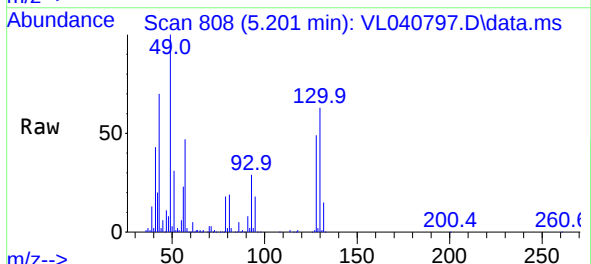
Ion Ratio Lower Upper

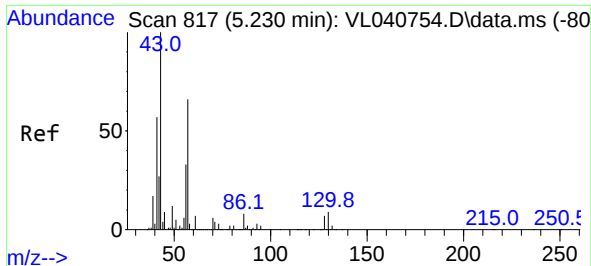
43 100

45 10.0 8.2 12.4

61 6.9 8.2 12.2#

70 5.8 5.8 8.6

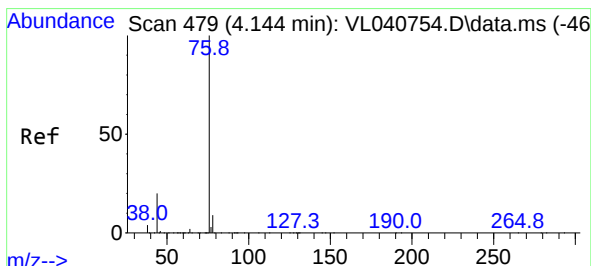
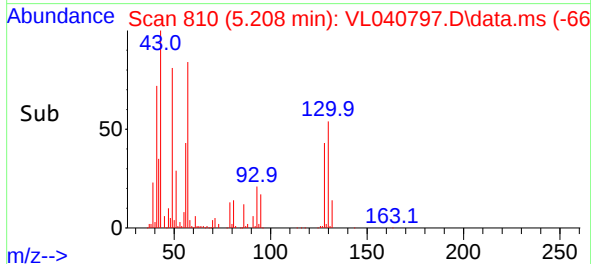
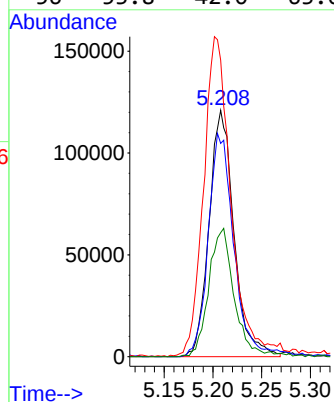
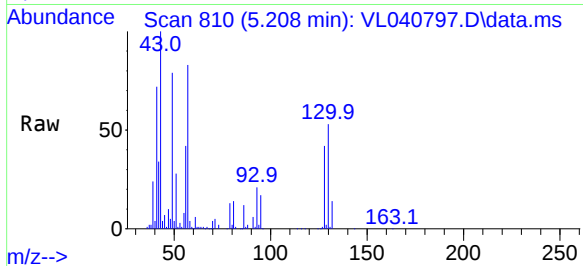




#26
Hexane
Concen: 2.375 ppbv
RT: 5.208 min Scan# 817
Delta R.T. -0.022 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

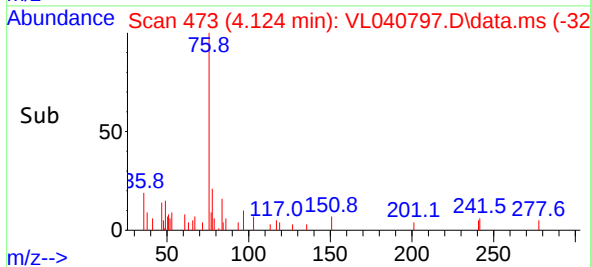
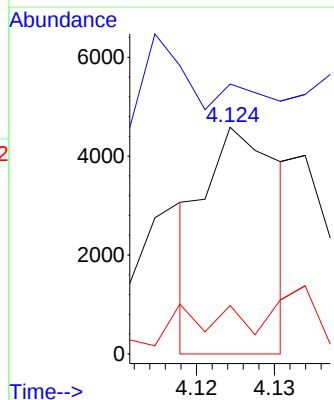
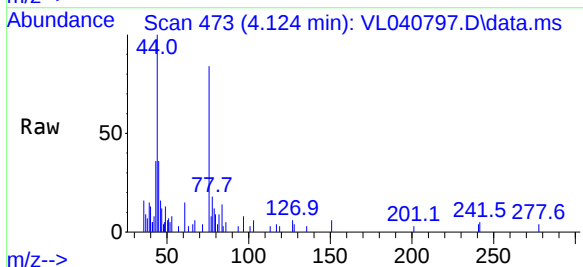
Instrument :
MSVOA_L
ClientSampleId :
IA-2

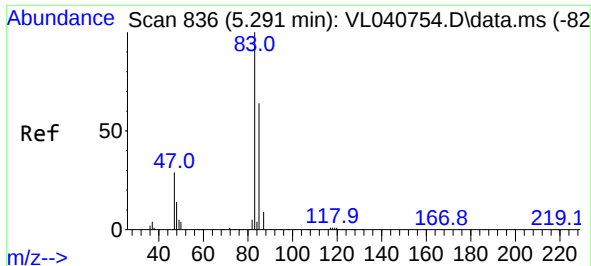
Tgt Ion: 57 Resp: 215025
Ion Ratio Lower Upper
57 100
41 94.4 71.4 107.2
43 146.3 182.3 273.5#
56 53.8 42.0 63.0



#27
Carbon Disulfide
Concen: 0.030 ppbv
RT: 4.124 min Scan# 473
Delta R.T. -0.019 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 76 Resp: 3034
Ion Ratio Lower Upper
76 100
44 0.0 16.6 25.0#
78 0.0 7.8 11.6#





#29

Chloroform

Concen: 0.331 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

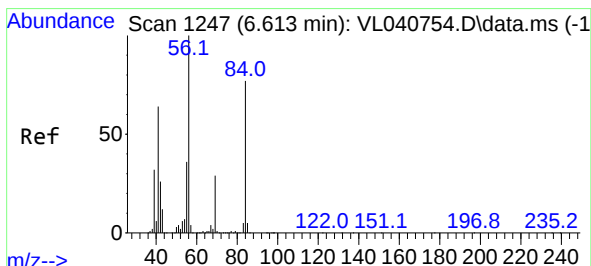
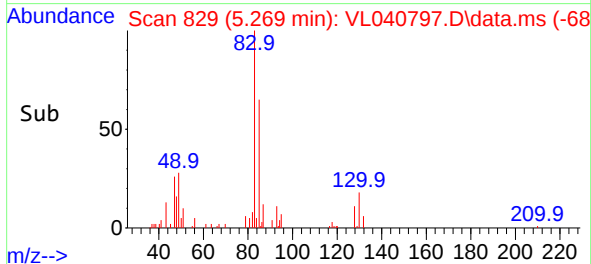
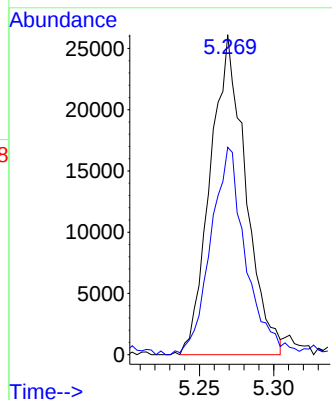
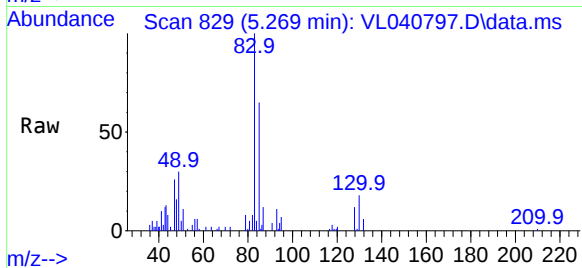
IA-2

Tgt Ion: 83 Resp: 43324

Ion Ratio Lower Upper

83 100

85 65.3 51.3 76.9



#30

Cyclohexane

Concen: 0.056 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.019 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

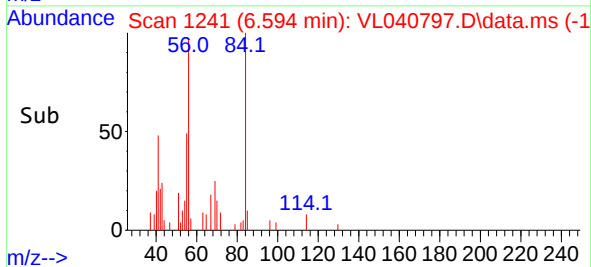
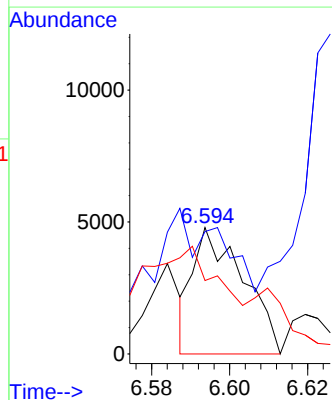
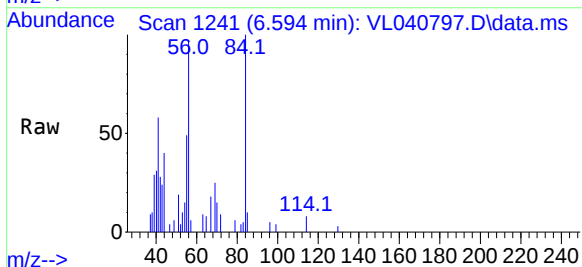
Tgt Ion: 84 Resp: 4282

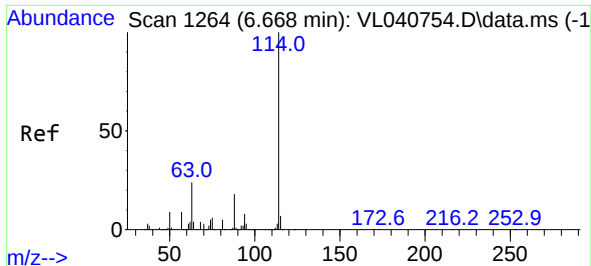
Ion Ratio Lower Upper

84 100

56 0.0 110.3 165.5#

41 259.8 67.4 101.2#

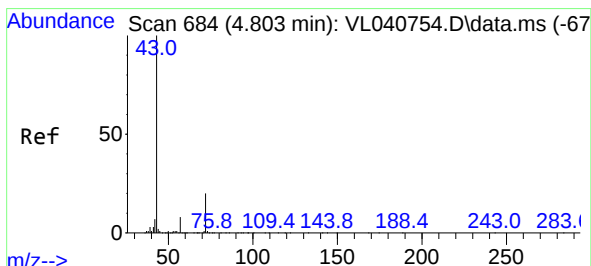
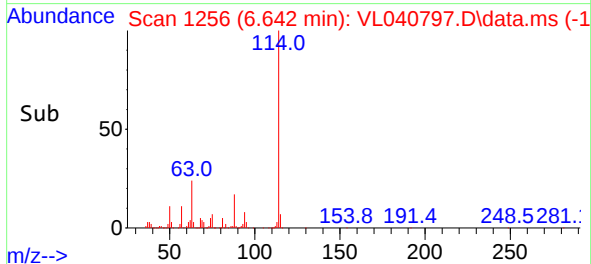
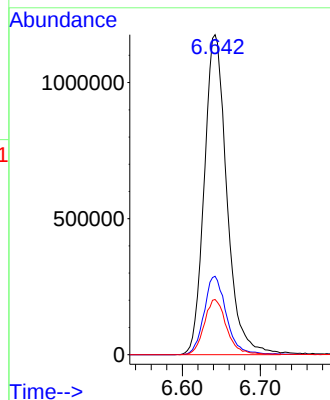
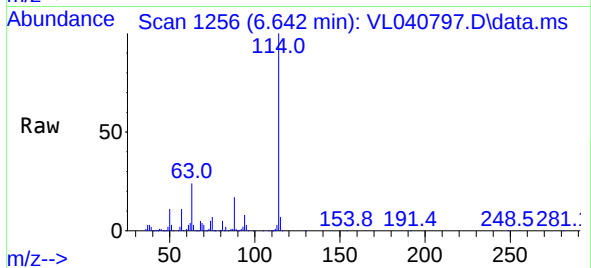




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

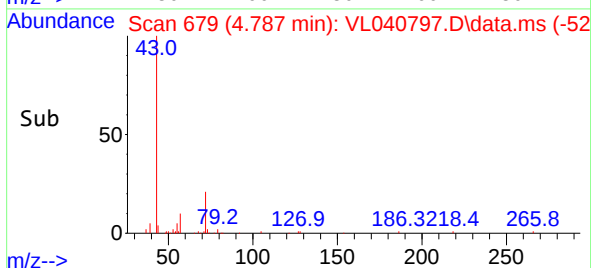
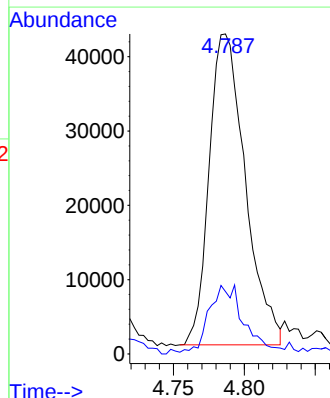
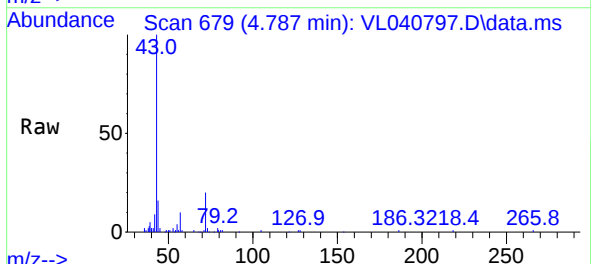
Instrument :
MSVOA_L
ClientSampleId :
IA-2

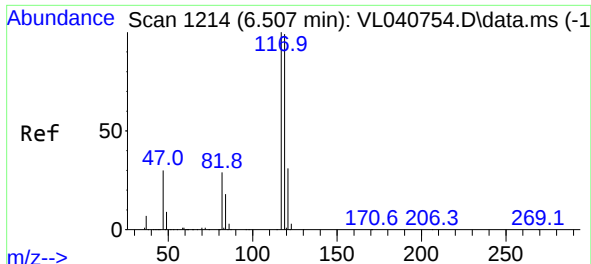
Tgt Ion:114 Resp: 2370137
Ion Ratio Lower Upper
114 100
63 24.5 19.8 29.6
88 17.2 14.2 21.2



#34
2-Butanone
Concen: 0.692 ppbv
RT: 4.787 min Scan# 679
Delta R.T. -0.016 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 43 Resp: 74266
Ion Ratio Lower Upper
43 100
72 23.7 16.8 25.2

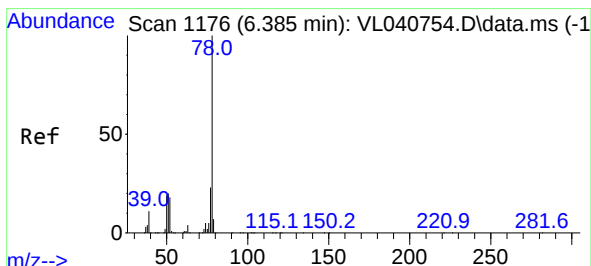
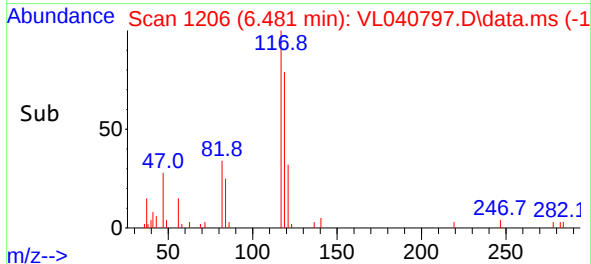
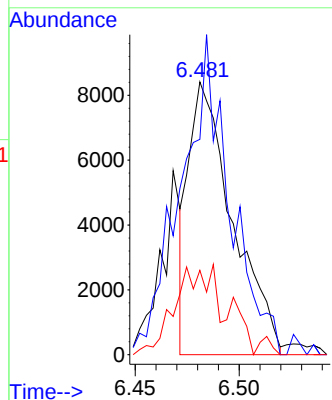
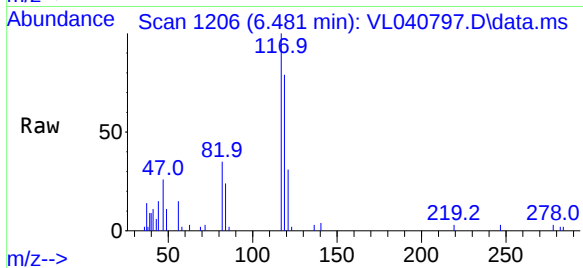




#35
Carbon Tetrachloride
Concen: 0.093 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

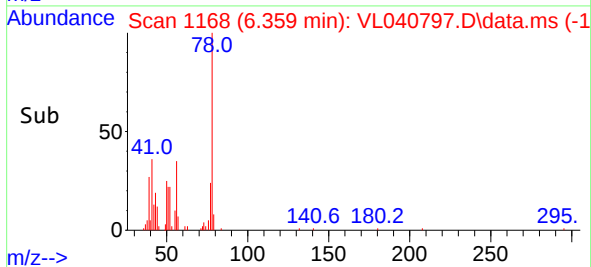
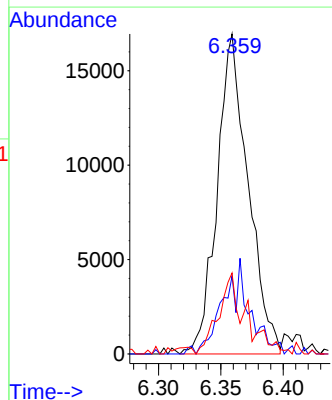
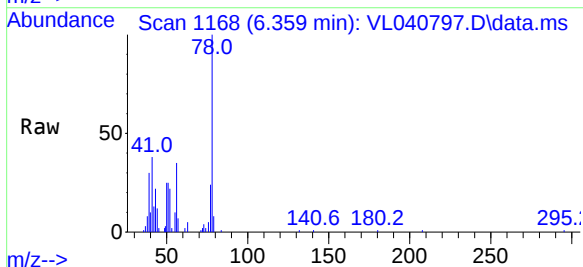
Instrument :
MSVOA_L
ClientSampleId :
IA-2

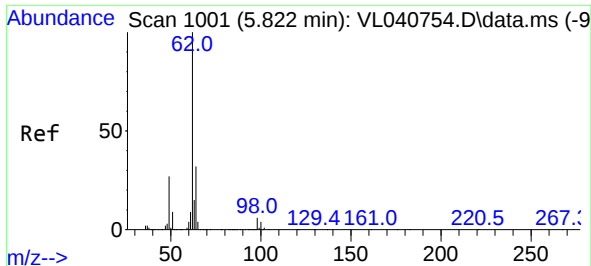
Tgt Ion:117 Resp: 12387
Ion Ratio Lower Upper
117 100
119 81.3 79.4 119.0
121 31.8 25.0 37.4



#36
Benzene
Concen: 0.161 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 78 Resp: 29293
Ion Ratio Lower Upper
78 100
77 24.3 18.4 27.6
50 23.9 15.0 22.4#

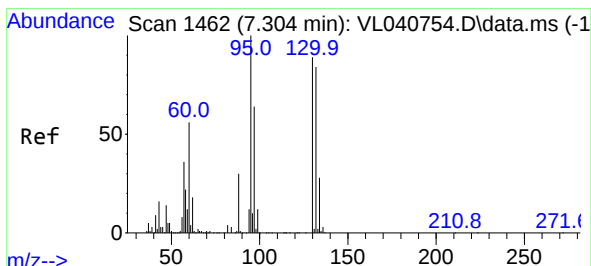
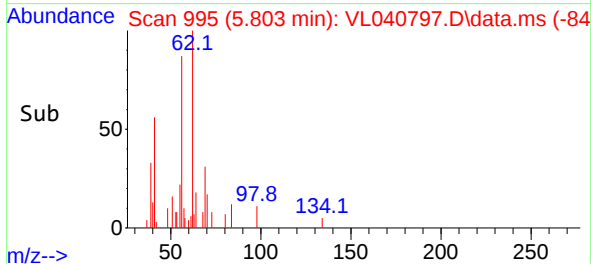
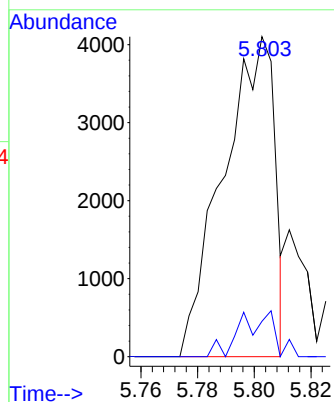
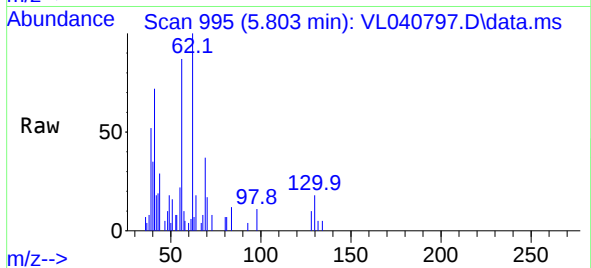




#37
1,2-Dichloroethane
Concen: 0.056 ppbv
RT: 5.803 min Scan# 91
Delta R.T. -0.019 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

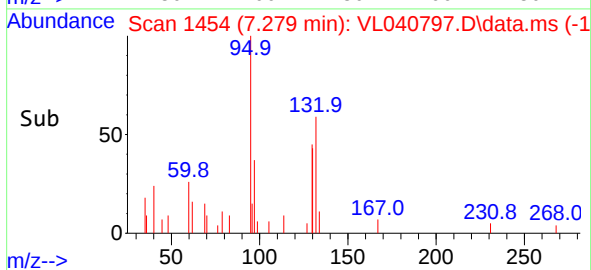
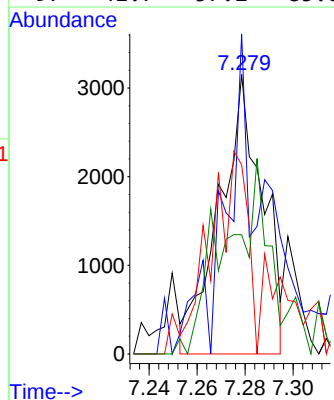
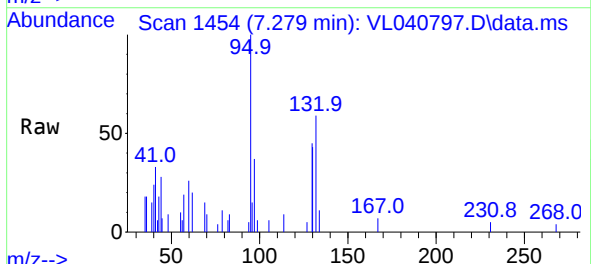
Instrument :
MSVOA_L
ClientSampleId :
IA-2

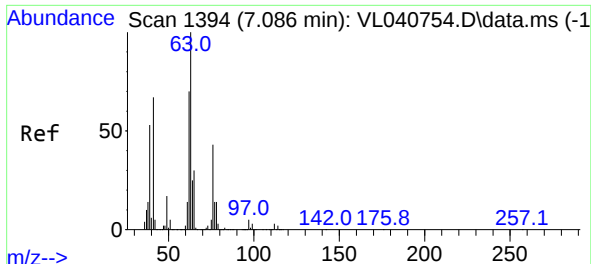
Tgt Ion: 62 Resp: 5191
Ion Ratio Lower Upper
62 100
98 9.6 5.4 8.0#



#38
Trichloroethene
Concen: 0.049 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion:130 Resp: 3919
Ion Ratio Lower Upper
130 100
95 139.1 89.4 134.2#
132 68.6 74.8 112.2#
97 41.7 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 8.028 ppbv

RT: 6.642 min Scan# 1

Delta R.T. -0.444 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Instrument :

MSVOA_L

ClientSampleId :

IA-2

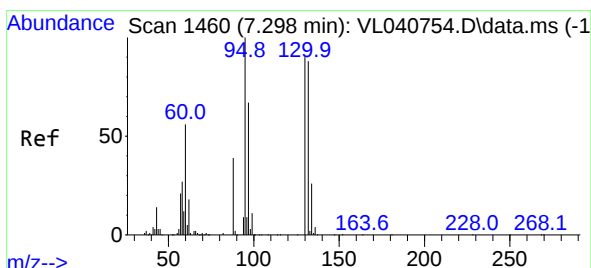
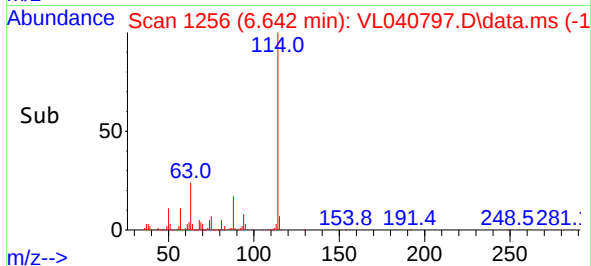
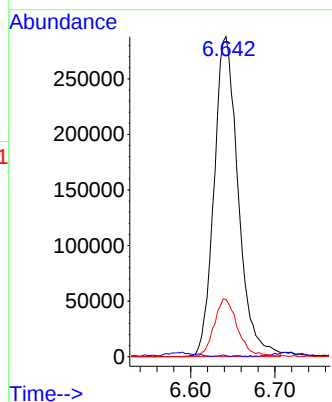
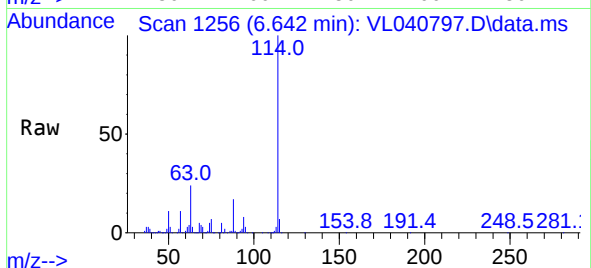
Tgt Ion: 63 Resp: 571802

Ion Ratio Lower Upper

63 100

41 0.0 53.7 80.5#

62 17.9 55.7 83.5#



#40

1,4-Dioxane

Concen: 0.044 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VL040797.D

Acq: 25 Oct 2023 12:45

Tgt Ion: 88 Resp: 1189

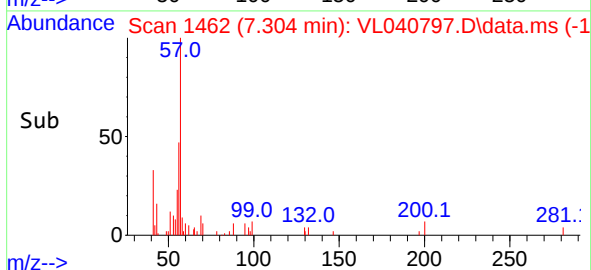
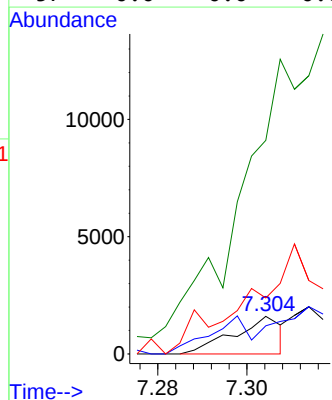
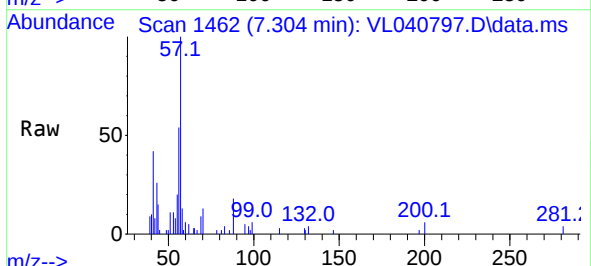
Ion Ratio Lower Upper

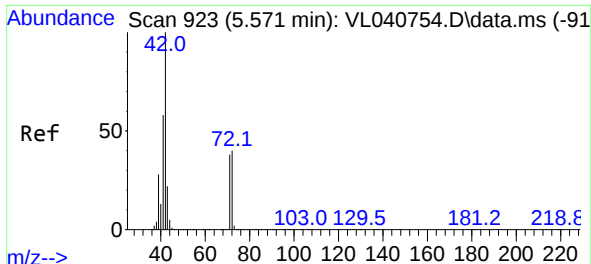
88 100

58 0.0 100.0 150.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

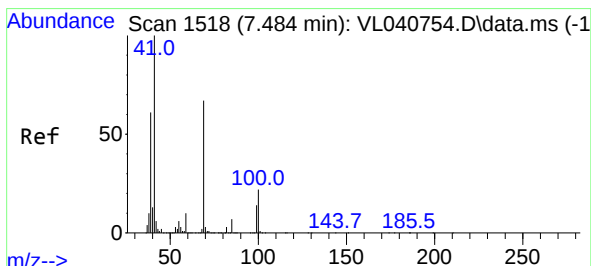
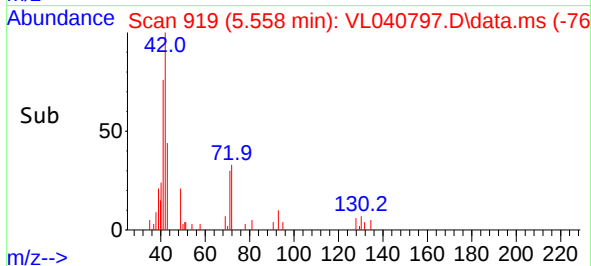
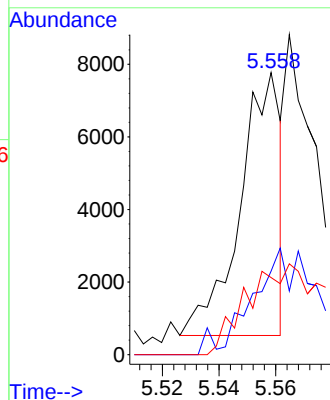
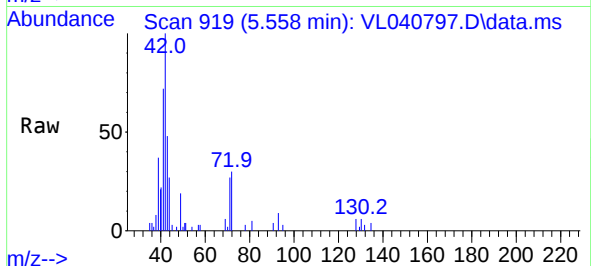




#41
Tetrahydrofuran
Concen: 0.097 ppbv
RT: 5.558 min Scan# 919
Delta R.T. -0.013 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

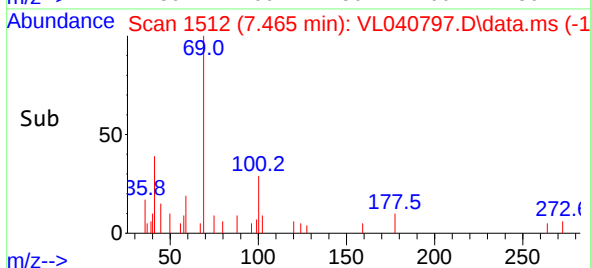
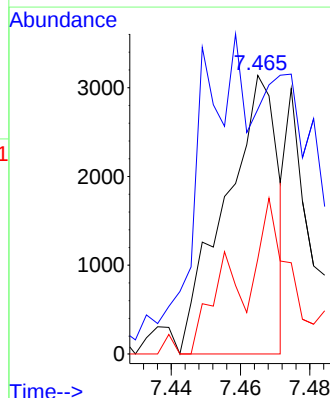
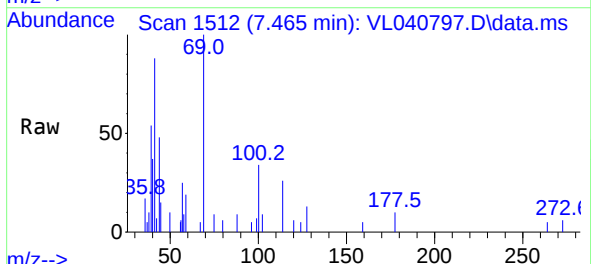
Instrument :
MSVOA_L
ClientSampleId :
IA-2

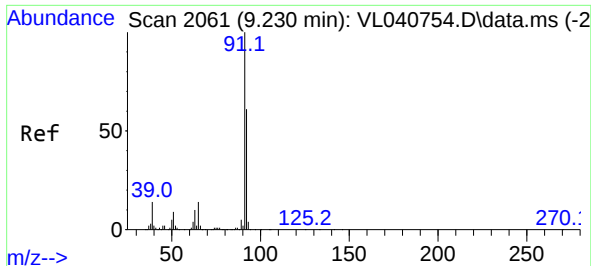
Tgt Ion: 42 Resp: 7223
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 29.7 44.5#



#43
Methyl Methacrylate
Concen: 0.045 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.019 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 69 Resp: 3293
Ion Ratio Lower Upper
69 100
41 342.0 120.6 181.0#
100 59.0 27.1 40.7#

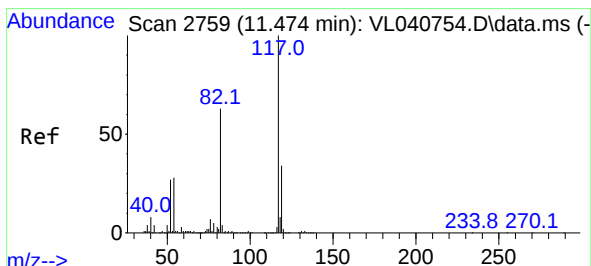
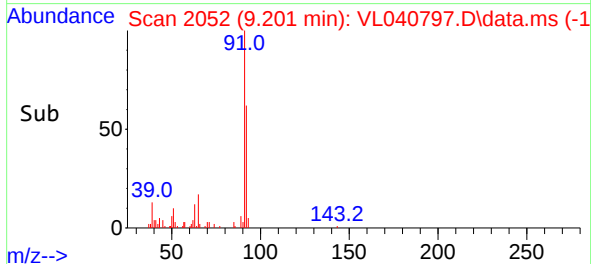
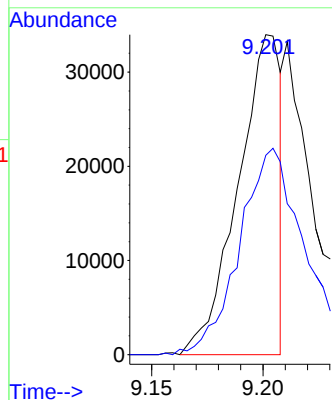
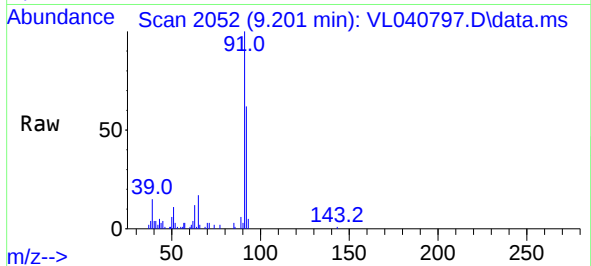




#53
Toluene
Concen: 0.208 ppbv
RT: 9.201 min Scan# 2061
Delta R.T. -0.029 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

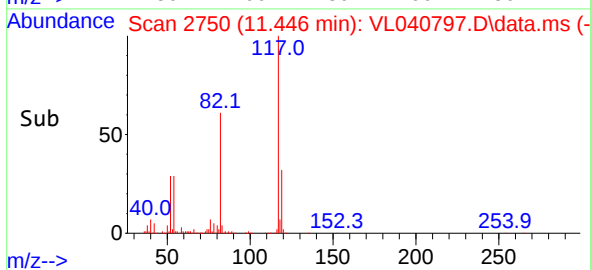
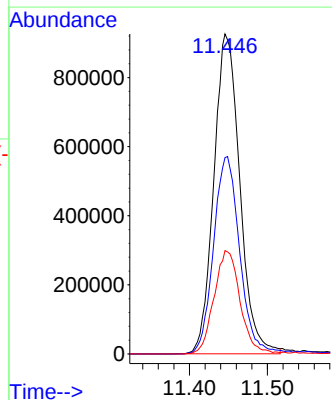
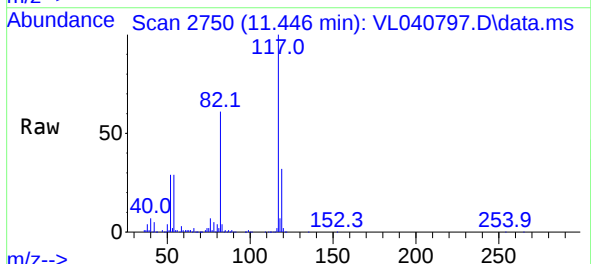
Instrument :
MSVOA_L
ClientSampleId :
IA-2

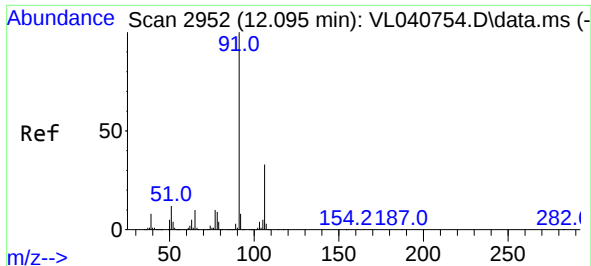
Tgt Ion: 91 Resp: 45035
Ion Ratio Lower Upper
91 100
92 100.2 50.2 75.2#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. -0.029 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 117 Resp: 2147785
Ion Ratio Lower Upper
117 100
82 63.0 46.6 70.0
119 32.8 26.0 39.0

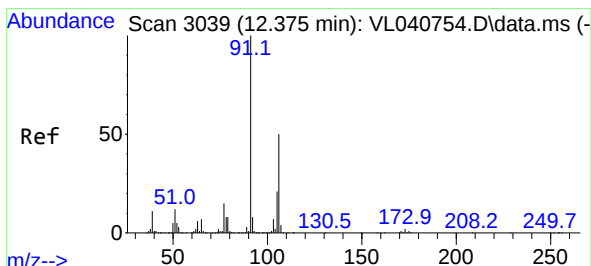
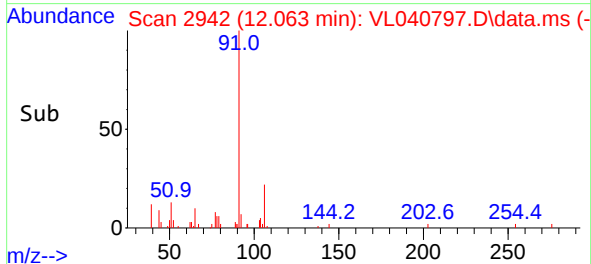
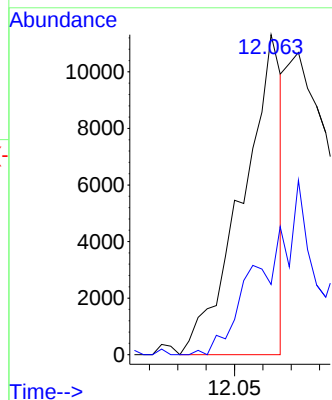
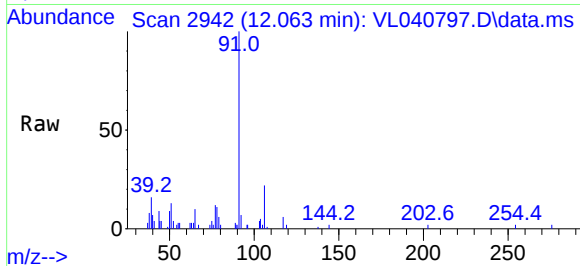




#58
Ethyl Benzene
Concen: 0.040 ppbv
RT: 12.063 min Scan# 2952
Delta R.T. -0.032 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

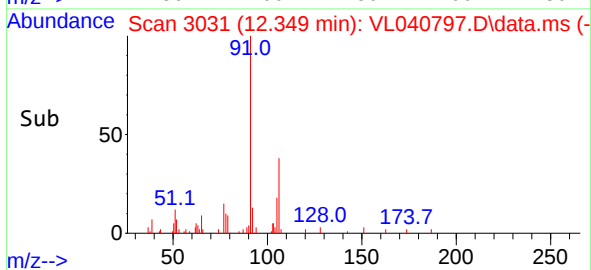
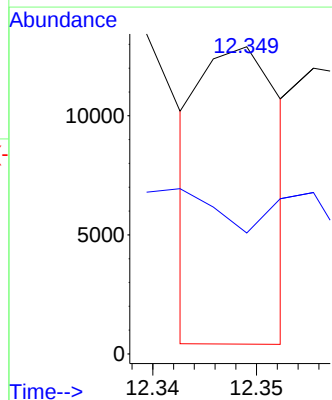
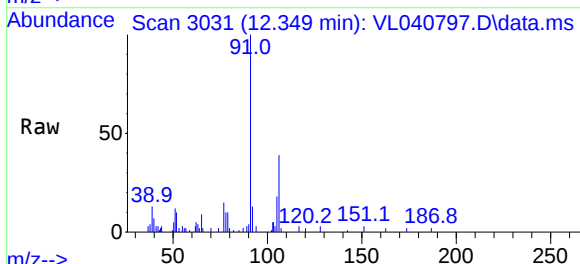
Instrument :
MSVOA_L
ClientSampleId :
IA-2

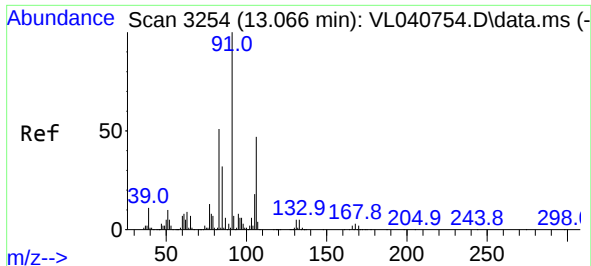
Tgt Ion: 91 Resp: 10912
Ion Ratio Lower Upper
91 100
106 21.9 26.7 40.1#



#59
m/p-Xylene
Concen: 0.030 ppbv
RT: 12.349 min Scan# 3031
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 91 Resp: 6706
Ion Ratio Lower Upper
91 100
106 0.0 37.7 56.5#

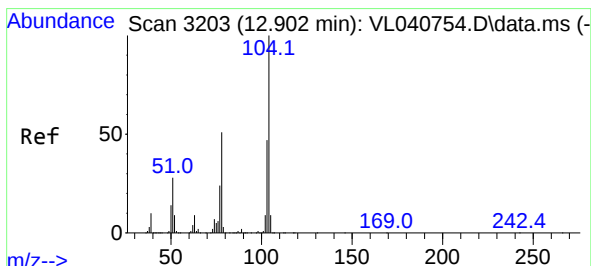
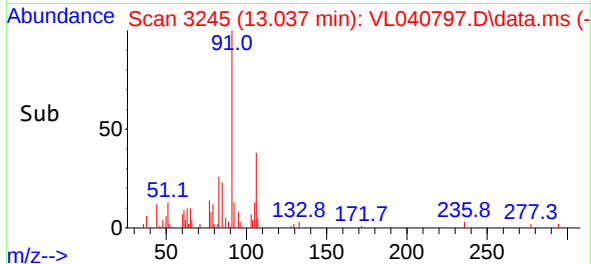
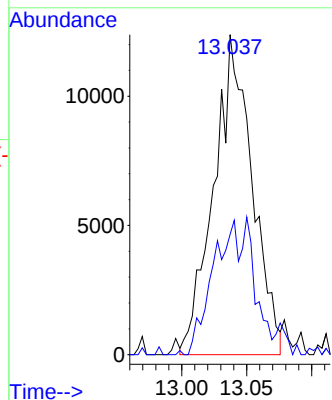
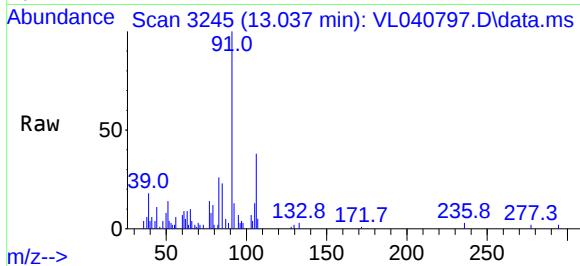




#60
o-Xylene
Concen: 0.120 ppbv
RT: 13.037 min Scan# 3195
Delta R.T. -0.029 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

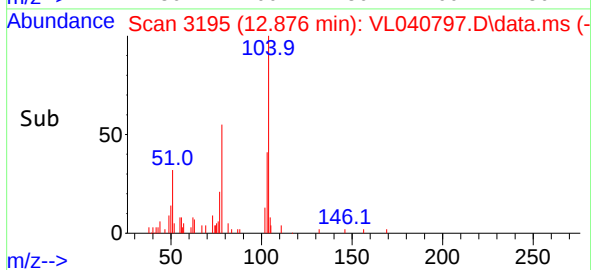
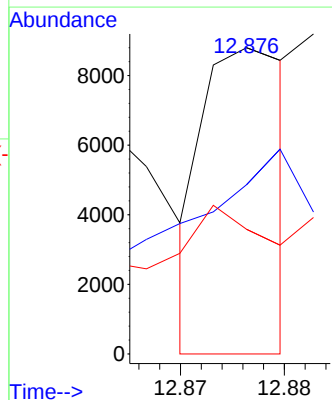
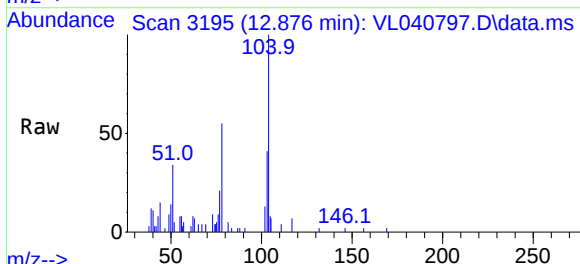
Instrument :
MSVOA_L
ClientSampleId :
IA-2

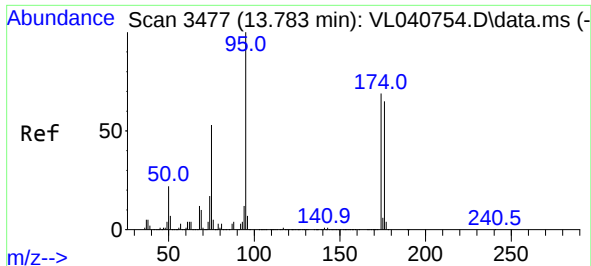
Tgt Ion: 91 Resp: 25426
Ion Ratio Lower Upper
91 100
106 46.9 23.5 70.5



#61
Styrene
Concen: 0.042 ppbv
RT: 12.876 min Scan# 3195
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion:104 Resp: 4929
Ion Ratio Lower Upper
104 100
78 0.0 39.8 59.6#
103 192.2 37.5 56.3#

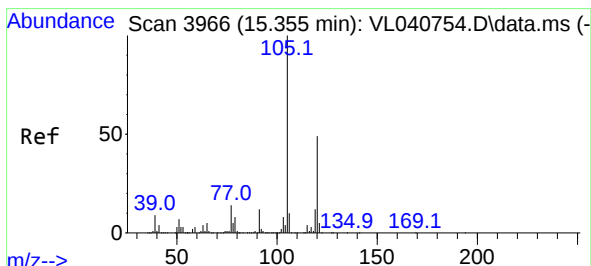
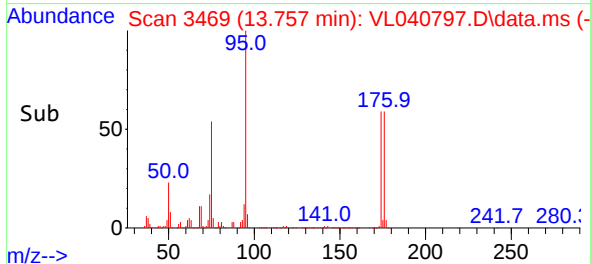
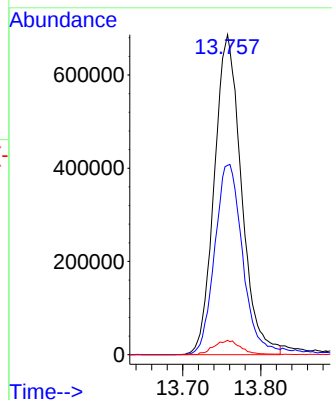
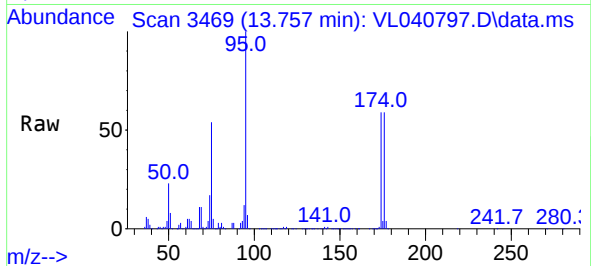




#68
1-Bromo-4-Fluorobenzene
Concen: 10.539 ppbv
RT: 13.757 min Scan# 3477
Delta R.T. -0.026 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

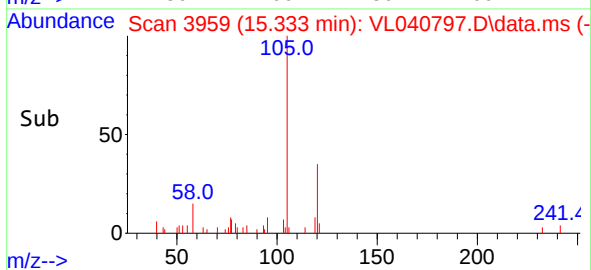
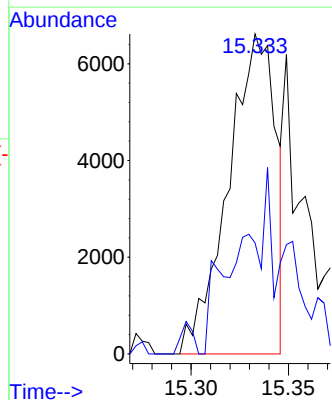
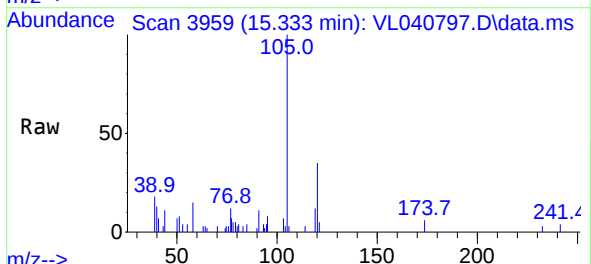
Instrument :
MSVOA_L
ClientSampleId :
IA-2

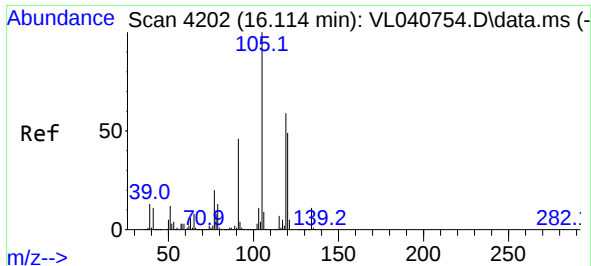
Tgt Ion: 95 Resp: 1665628
Ion Ratio Lower Upper
95 100
174 63.4 54.7 82.1
175 4.6 4.2 6.4



#73
1,3,5-Trimethylbenzene
Concen: 0.051 ppbv
RT: 15.333 min Scan# 3959
Delta R.T. -0.022 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Tgt Ion: 105 Resp: 11214
Ion Ratio Lower Upper
105 100
120 29.7 39.4 59.2#

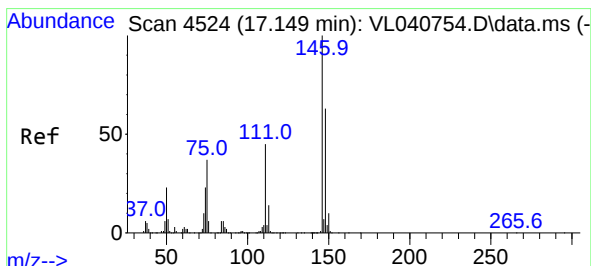
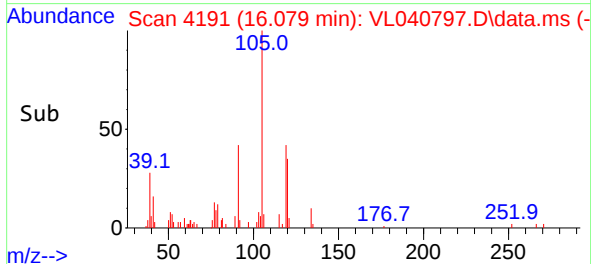
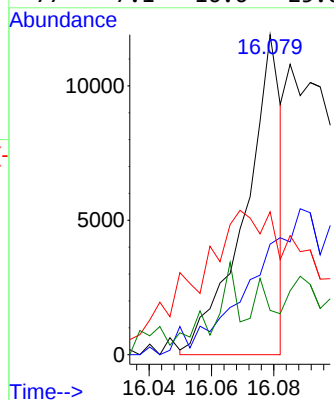
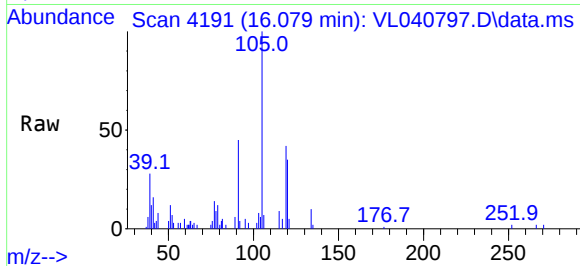




#74
1,2,4-Trimethylbenzene
Concen: 0.040 ppbv
RT: 16.079 min Scan# 411
Delta R.T. -0.035 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

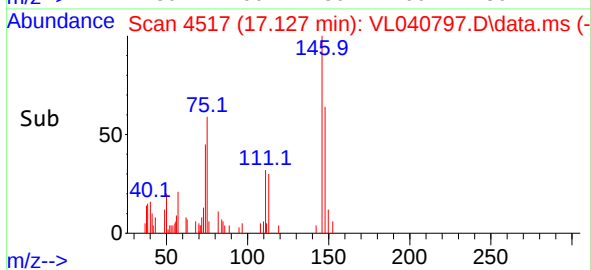
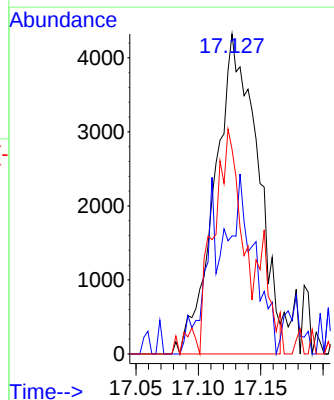
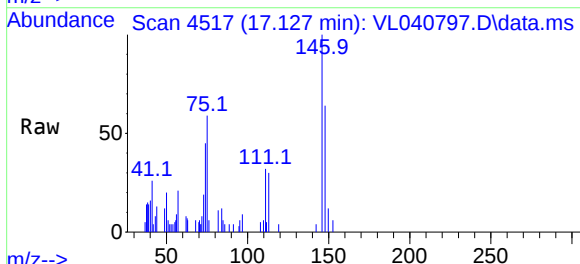
Instrument :
MSVOA_L
ClientSampleId :
IA-2

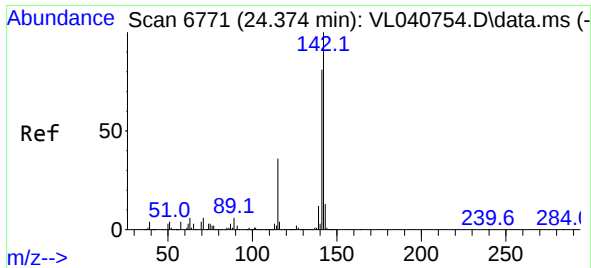
Tgt Ion:105 Resp: 9574
Ion Ratio Lower Upper
105 100
120 30.8 39.4 59.2#
91 19.3 38.6 58.0#
77 7.1 16.6 25.0#



#77
1,2-Dichlorobenzene
Concen: 0.070 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.022 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

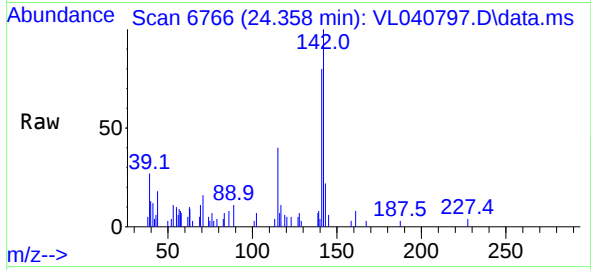
Tgt Ion:146 Resp: 10171
Ion Ratio Lower Upper
146 100
111 57.3 22.9 68.8
148 61.8 32.3 96.8





#80
Naphthalene, 2-methyl-
Concen: 0.329 ppbv
RT: 24.358 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL040797.D
Acq: 25 Oct 2023 12:45

Instrument :
MSVOA_L
ClientSampleId :
IA-2



Tgt Ion:	142	Resp:	17953
Ion	Ratio	Lower	Upper
142	100		
141	79.3	66.3	99.5
115	35.0	30.0	45.0

