

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041737.D
 Acq On : 12 Dec 2024 00:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 14:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

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

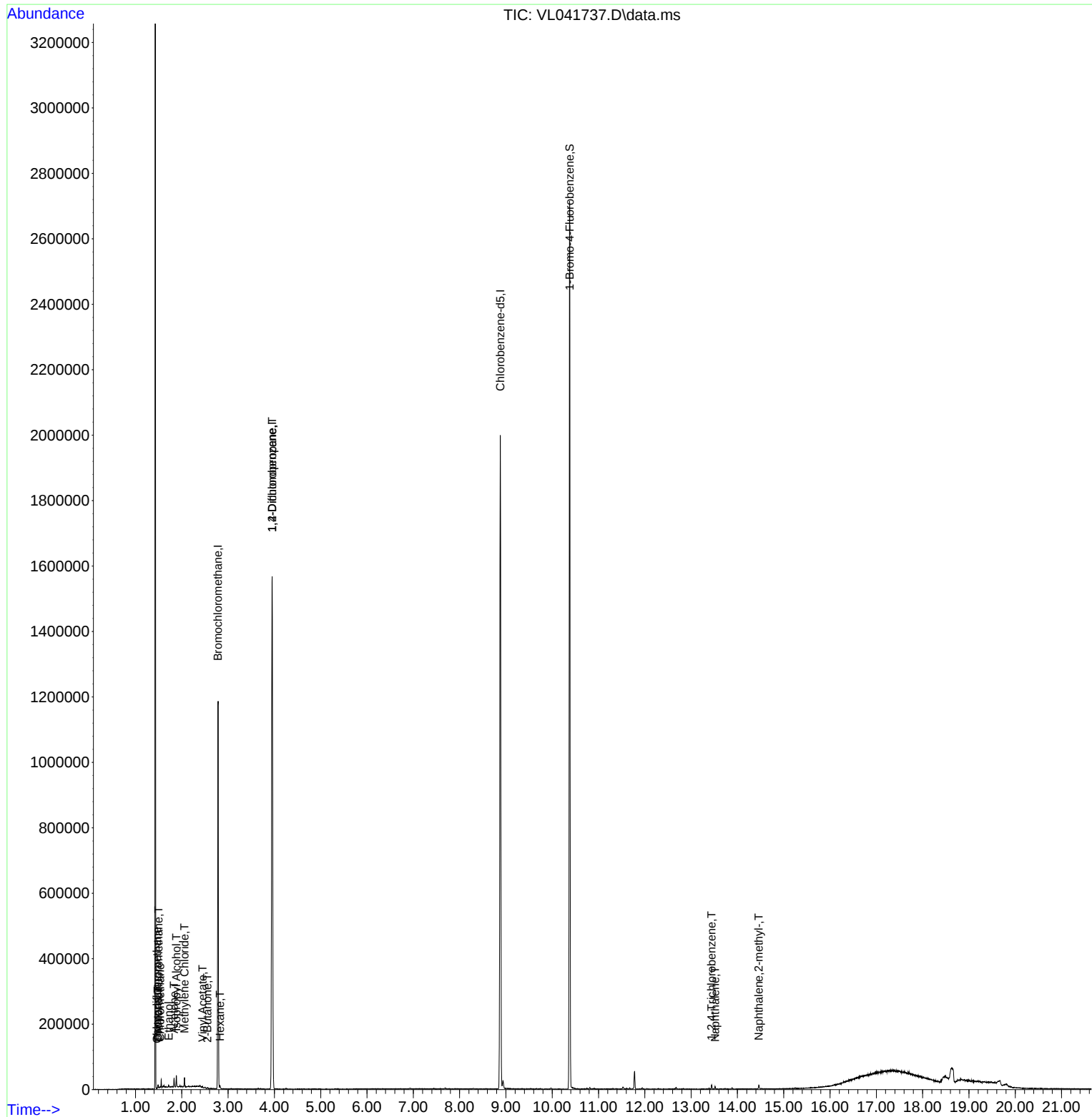
Internal Standards						
1) Bromochloromethane	2.780	49	252039	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	1228233	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	1082749	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	711354	9.994	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.495	85	1633	0.037	ppbv	94
3) Chlorodifluoromethane	1.463	51	1437	0.042	ppbv	93
4) Chloromethane	1.531	50	844	0.072	ppbv	92
9) Propene	1.482	41	1407	0.096	ppbv	88
13) Ethanol	1.716	45	2269	1.875	ppbv #	34
15) Acetone	1.832	43	10990	0.378	ppbv #	86
19) Isopropyl Alcohol	1.884	45	15544	0.562	ppbv #	31
20) Methylene Chloride	2.059	84	5877	0.333	ppbv	98
23) Vinyl Acetate	2.447	43	1130	0.064	ppbv #	23
26) Hexane	2.822	57	2433	0.062	ppbv #	49
34) 2-Butanone	2.554	43	1624	0.038	ppbv	95
39) 1,2-Dichloropropane	3.952	63	198126	6.439	ppbv #	32
79) Naphthalene	13.516	128	3635	0.034	ppbv #	90
80) Naphthalene,2-methyl-	14.461	142	4870	0.126	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	2976	0.044	ppbv	92

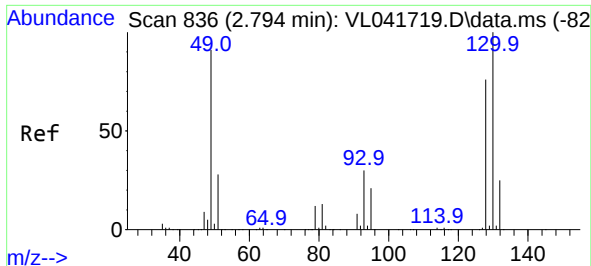
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041737.D
Acq On : 12 Dec 2024 00:13
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

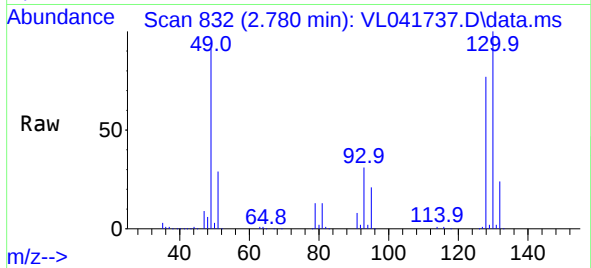
Quant Time: Dec 12 14:21:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration



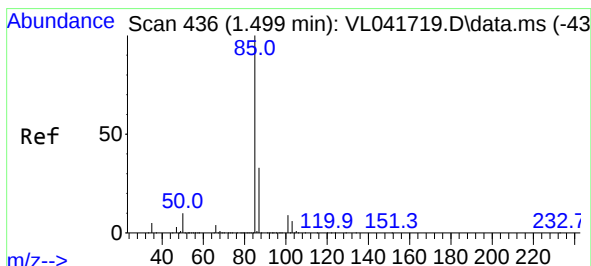
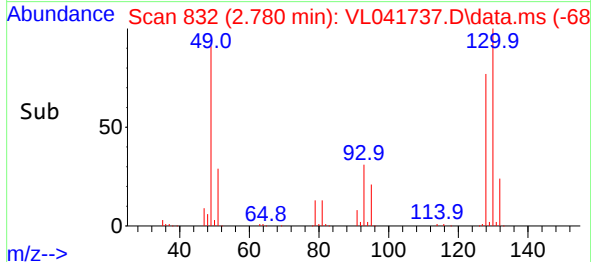
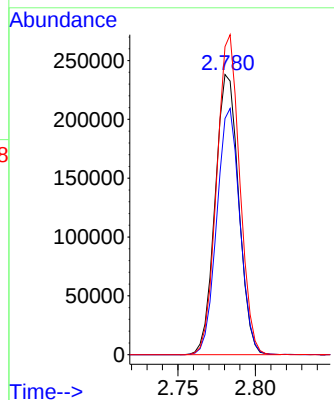


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. -0.014 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :

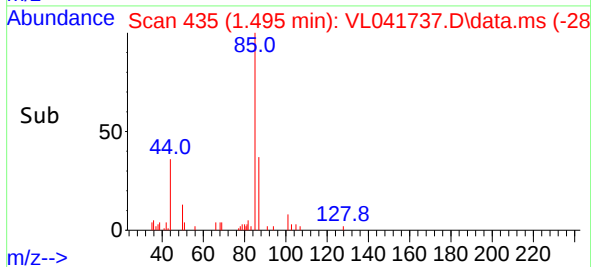
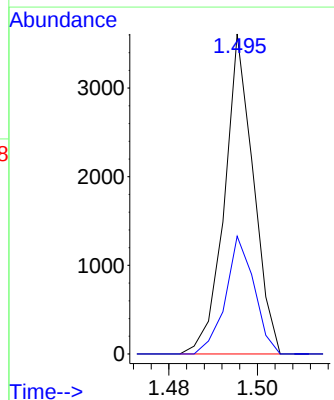
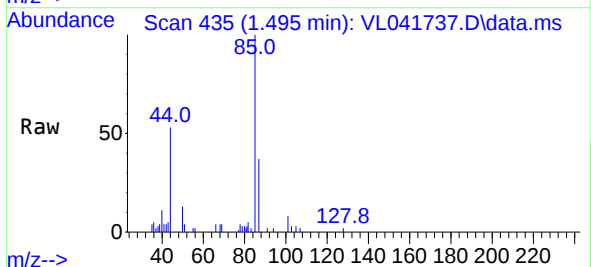


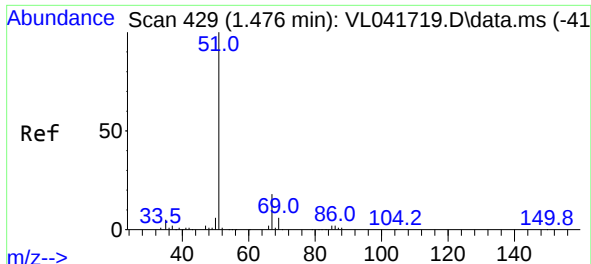
Tgt Ion: 49 Resp: 252039
Ion Ratio Lower Upper
49 100
128 86.0 42.8 128.3
130 111.3 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 85 Resp: 1633
Ion Ratio Lower Upper
85 100
87 36.8 26.6 39.8

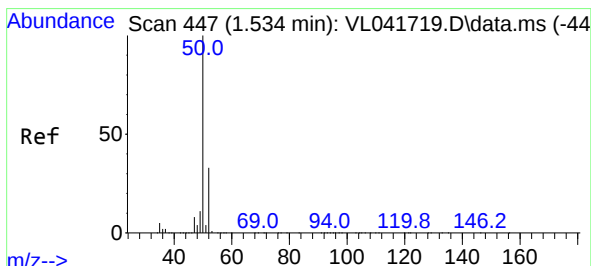
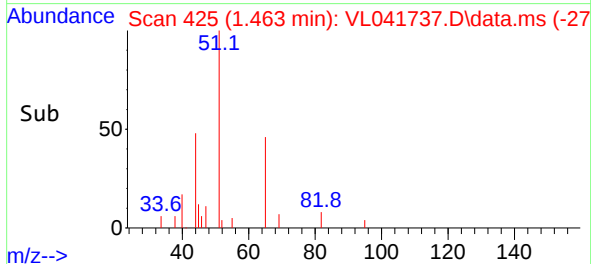
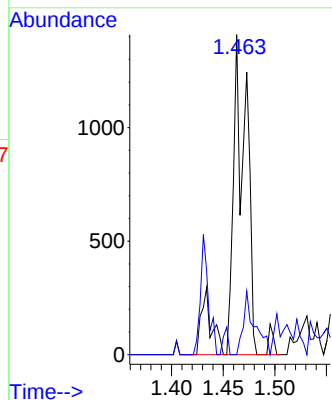
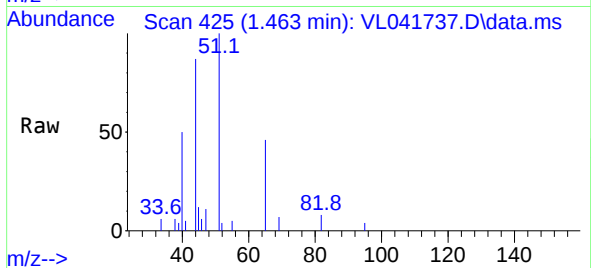




#3
Chlorodifluoromethane
Concen: 0.042 ppbv
RT: 1.463 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

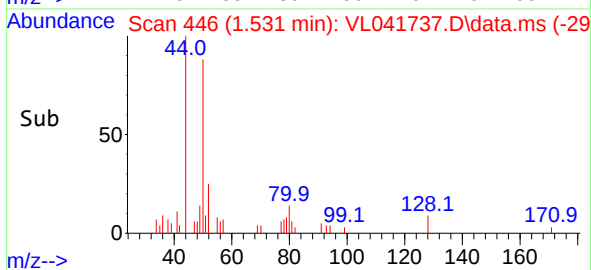
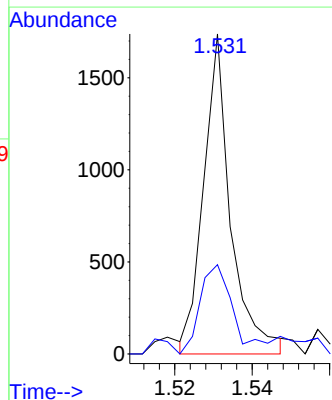
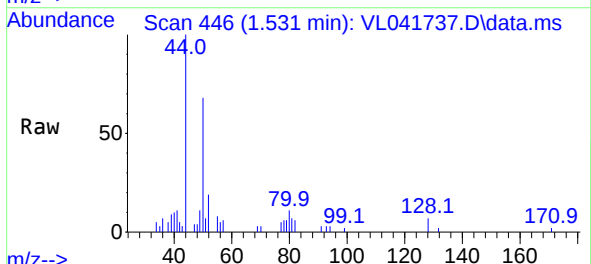
Instrument :
MSVOA_L
ClientSampleId :

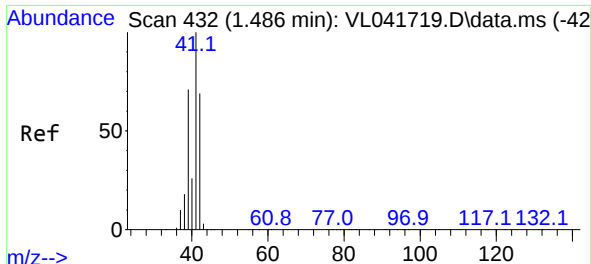
Tgt Ion: 51 Resp: 1437
Ion Ratio Lower Upper
51 100
67 15.2 14.6 21.8



#4
Chloromethane
Concen: 0.072 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 50 Resp: 844
Ion Ratio Lower Upper
50 100
52 29.0 26.6 40.0





#9

Propene

Concen: 0.096 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041737.D

Acq: 12 Dec 2024 00:13

Instrument :

MSVOA_L

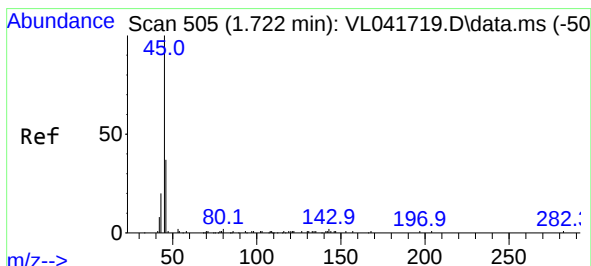
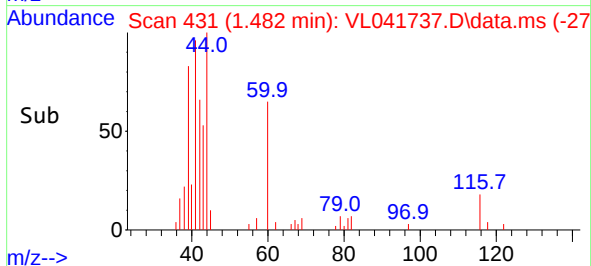
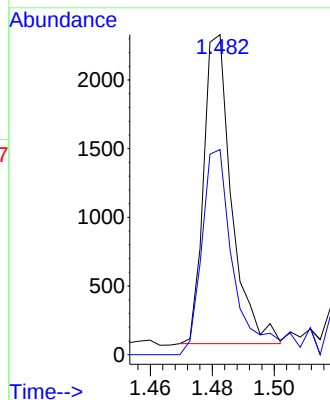
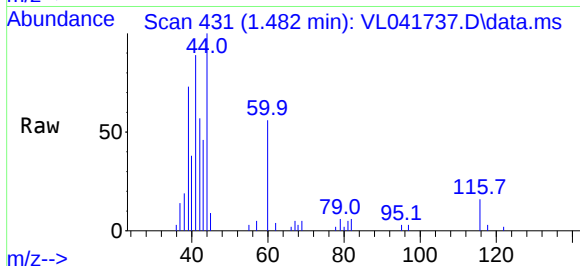
ClientSampleId :

Tgt Ion: 41 Resp: 1407

Ion Ratio Lower Upper

41 100

42 80.2 56.2 84.4



#13

Ethanol

Concen: 1.875 ppbv

RT: 1.716 min Scan# 503

Delta R.T. -0.007 min

Lab File: VL041737.D

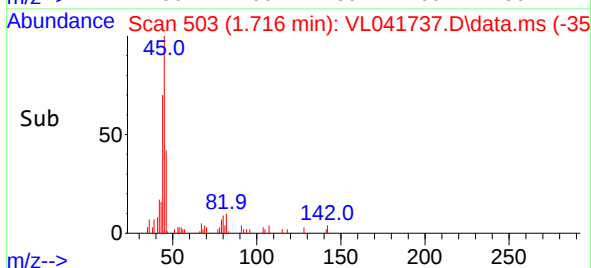
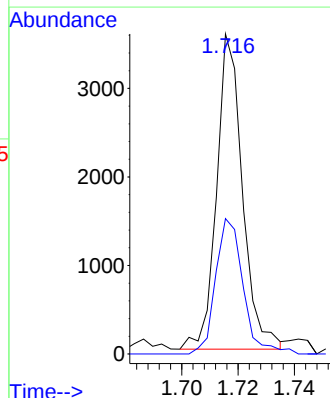
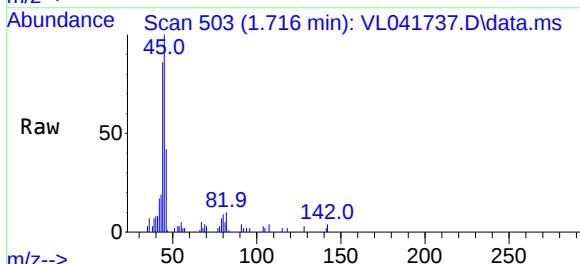
Acq: 12 Dec 2024 00:13

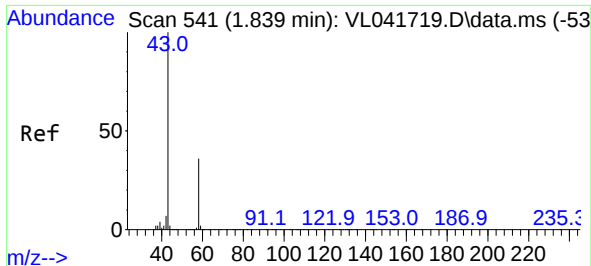
Tgt Ion: 45 Resp: 2269

Ion Ratio Lower Upper

45 100

46 0.0 16.6 66.6#

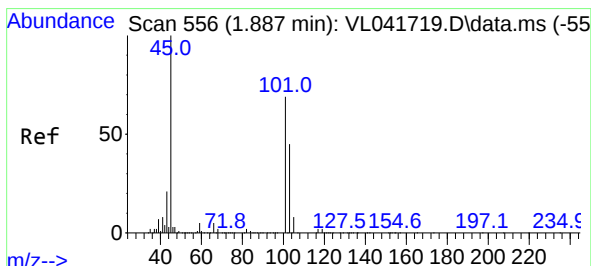
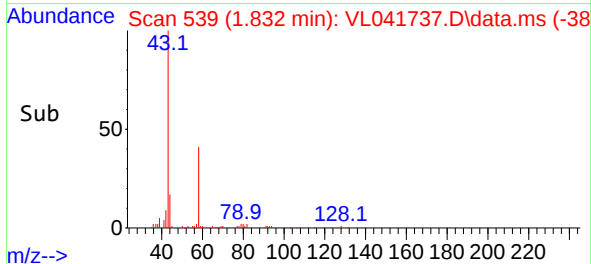
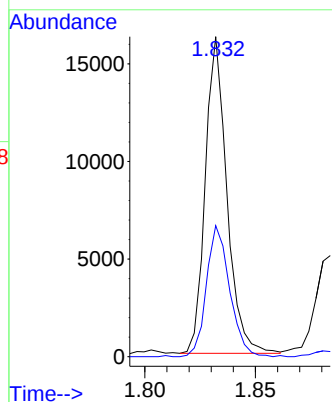
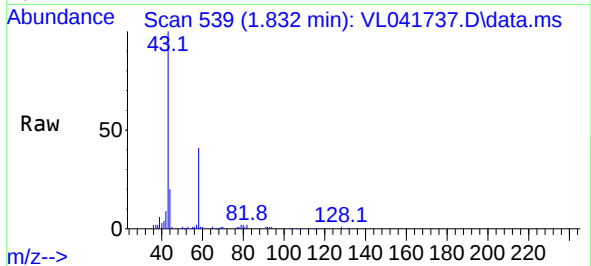




#15
Acetone
Concen: 0.378 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

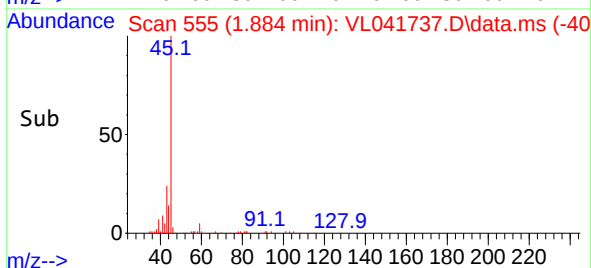
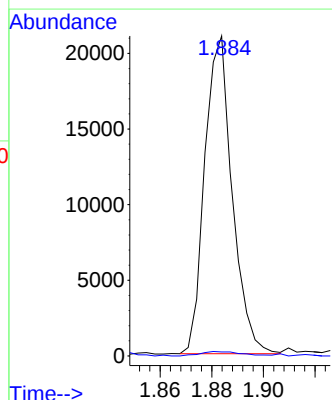
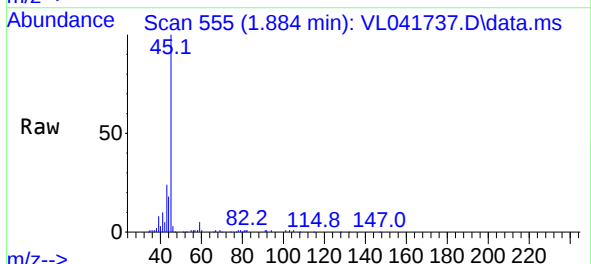
Instrument :
MSVOA_L
ClientSampleId :

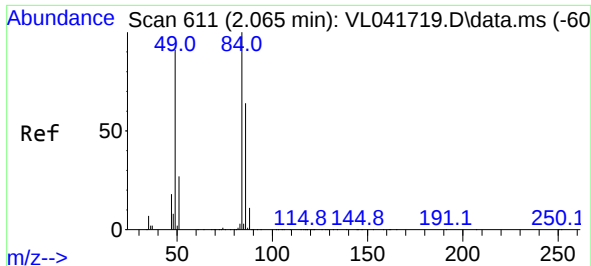
Tgt Ion: 43 Resp: 10990
Ion Ratio Lower Upper
43 100
58 44.5 28.9 43.3#



#19
Isopropyl Alcohol
Concen: 0.562 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.003 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 45 Resp: 15544
Ion Ratio Lower Upper
45 100
58 2.6 40.6 61.0#





#20

Methylene Chloride

Concen: 0.333 ppbv

RT: 2.059 min Scan# 611

Delta R.T. -0.007 min

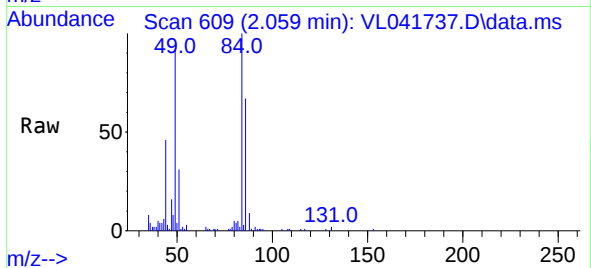
Lab File: VL041737.D

Acq: 12 Dec 2024 00:13

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 5877

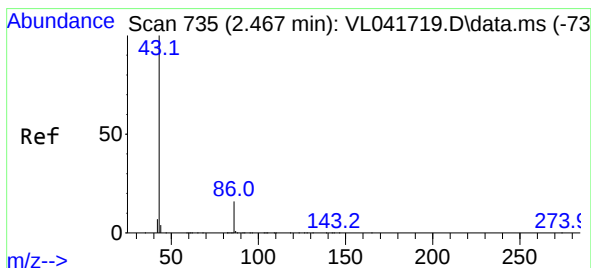
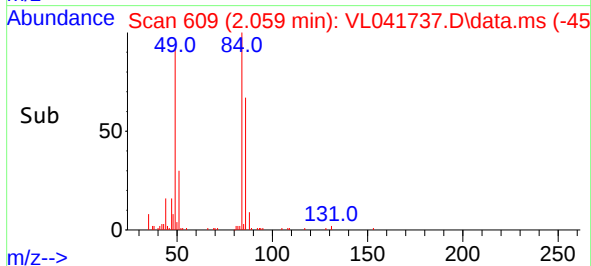
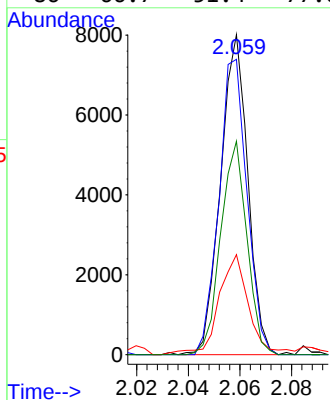
Ion Ratio Lower Upper

84 100

49 92.3 73.6 110.4

51 30.1 22.7 34.1

86 66.7 51.4 77.0



#23

Vinyl Acetate

Concen: 0.064 ppbv

RT: 2.447 min Scan# 729

Delta R.T. -0.020 min

Lab File: VL041737.D

Acq: 12 Dec 2024 00:13

Tgt Ion: 43 Resp: 1130

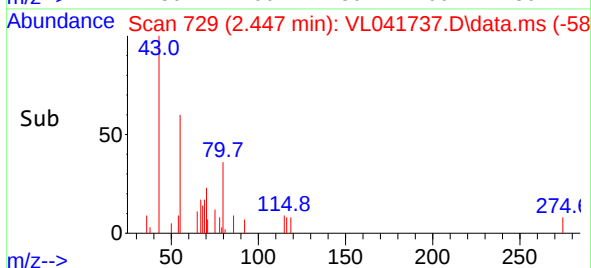
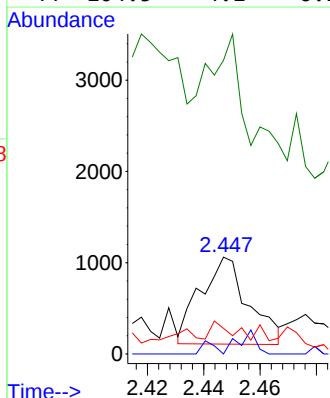
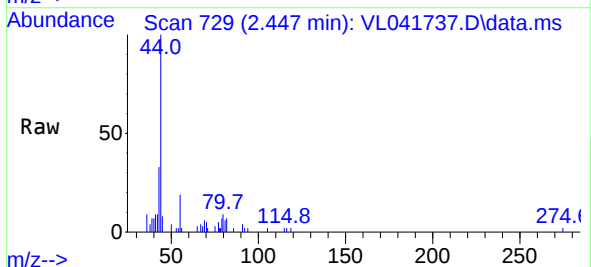
Ion Ratio Lower Upper

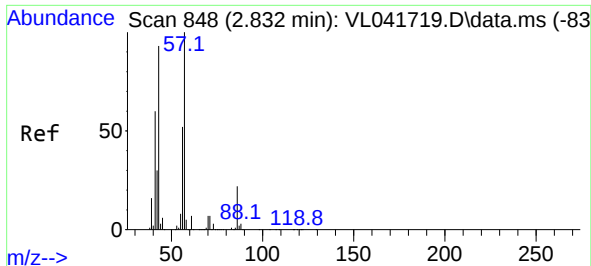
43 100

86 0.0 11.5 17.3#

42 12.5 6.6 10.0#

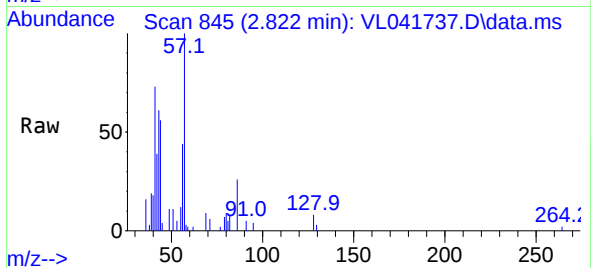
44 104.5 4.1 6.1#





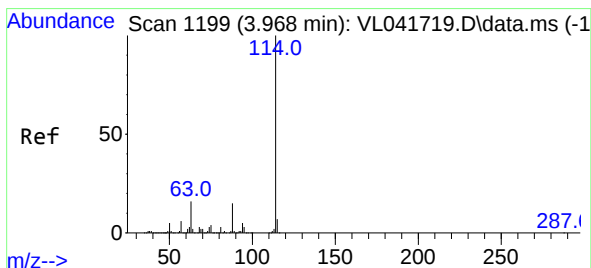
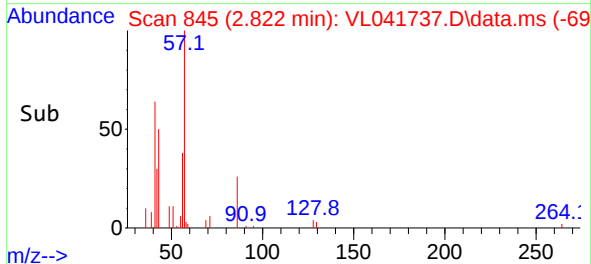
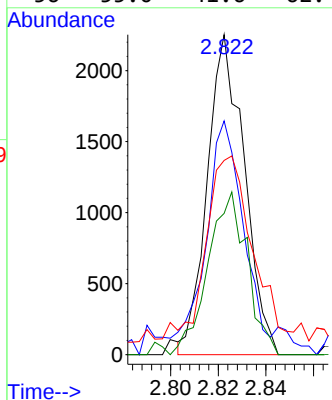
#26
Hexane
Concen: 0.062 ppbv
RT: 2.822 min Scan# 84
Delta R.T. -0.010 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 2433

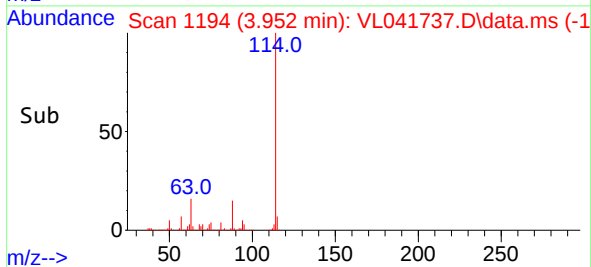
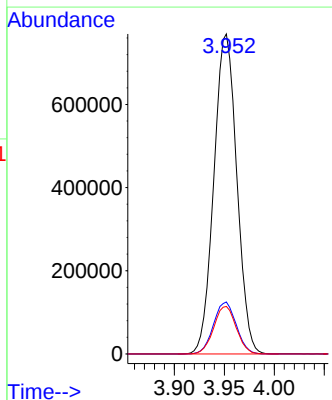
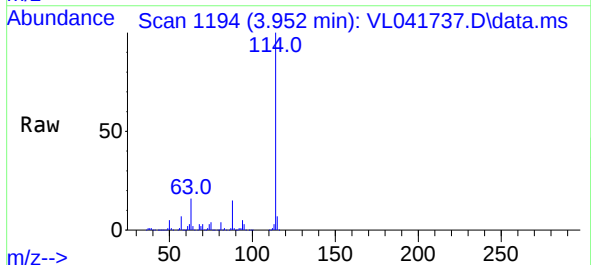
Ion	Ratio	Lower	Upper
57	100		
41	84.4	49.5	74.3#
43	83.7	150.6	225.8#
56	55.0	41.6	62.4

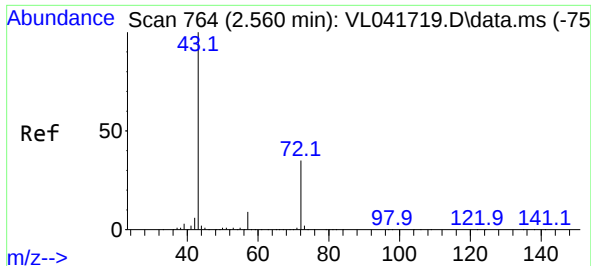


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.016 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 114 Resp: 1228233

Ion	Ratio	Lower	Upper
114	100		
63	16.1	12.9	19.3
88	14.7	11.8	17.6

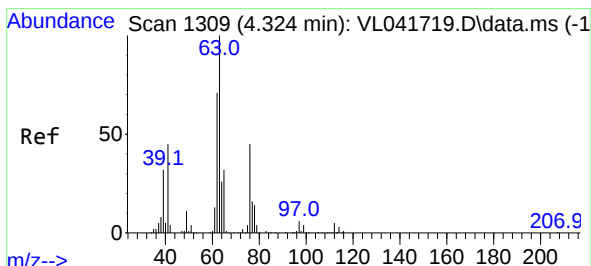
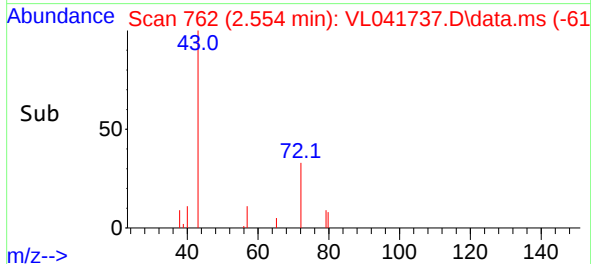
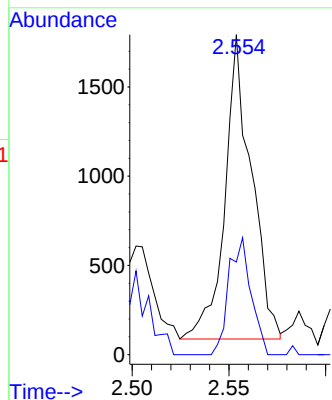
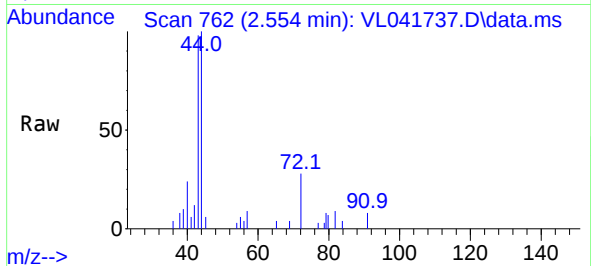




#34
2-Butanone
Concen: 0.038 ppbv
RT: 2.554 min Scan# 70
Delta R.T. -0.007 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

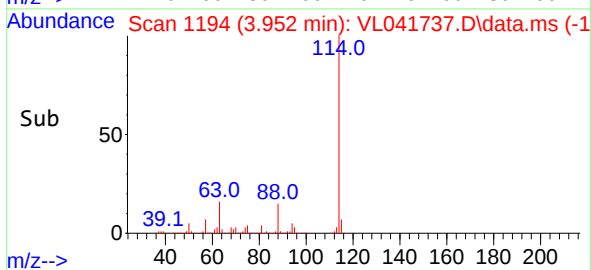
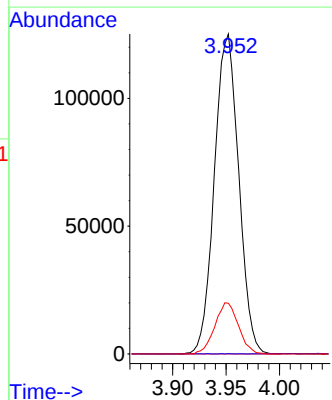
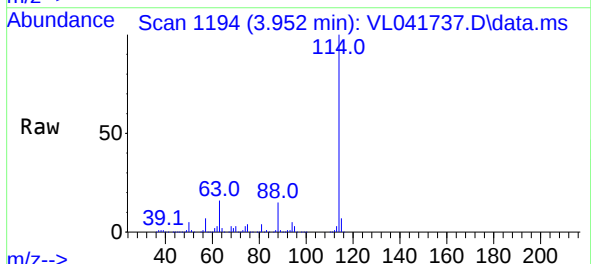
Instrument :
MSVOA_L
ClientSampleId :

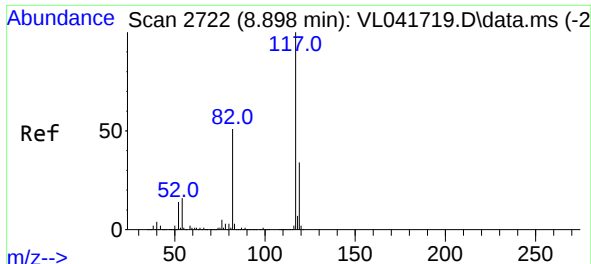
Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
72 32.6 28.3 42.5



#39
1,2-Dichloropropane
Concen: 6.439 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.372 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

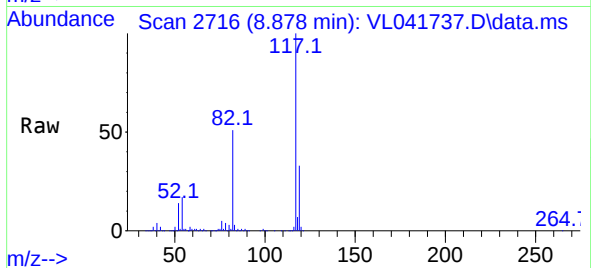
Tgt Ion: 63 Resp: 198126
Ion Ratio Lower Upper
63 100
41 0.1 36.4 54.6#
62 15.8 56.6 85.0#



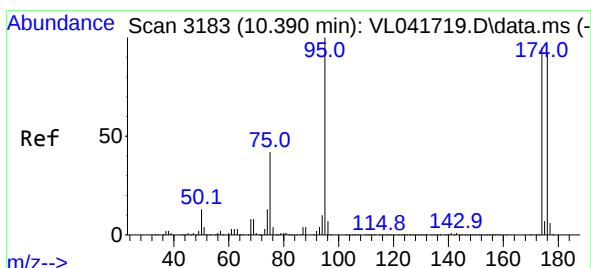
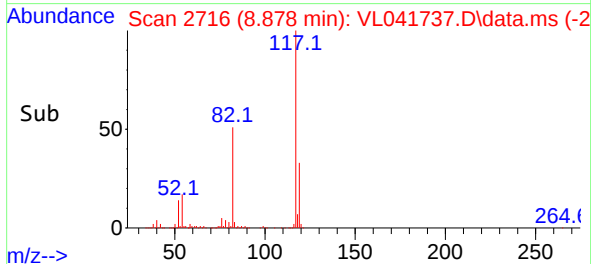
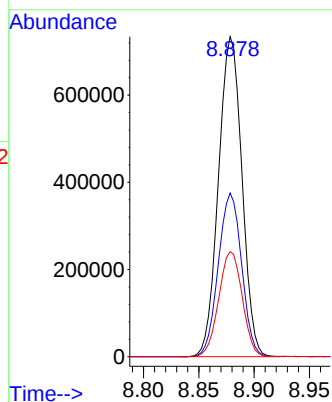


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.020 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :

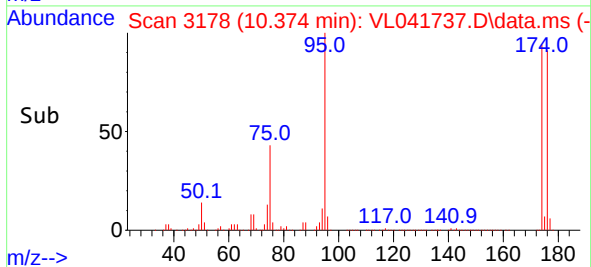
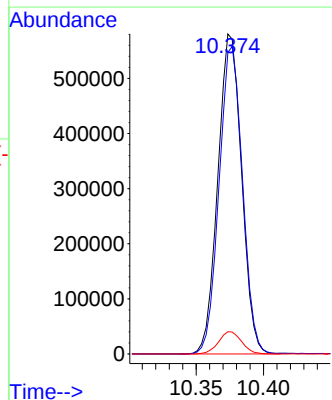
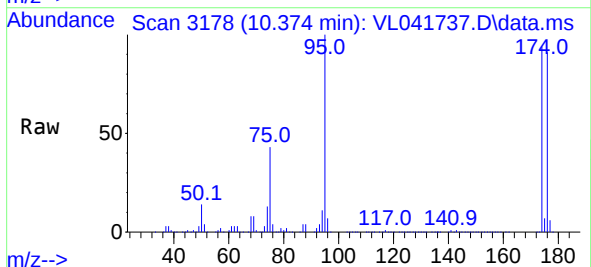


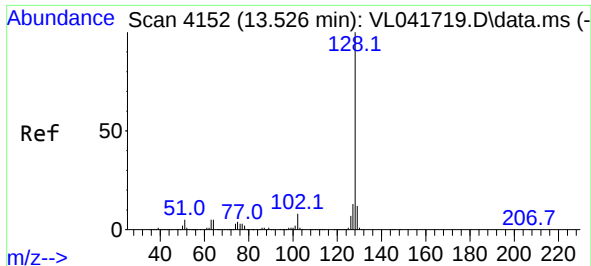
Tgt Ion:117 Resp: 1082749
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 33.0 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.994 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.016 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 95 Resp: 711354
Ion Ratio Lower Upper
95 100
174 95.3 76.7 115.1
175 6.8 5.4 8.2

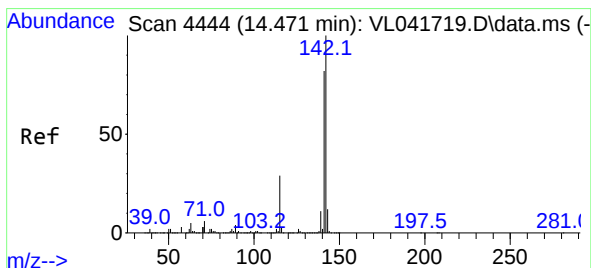
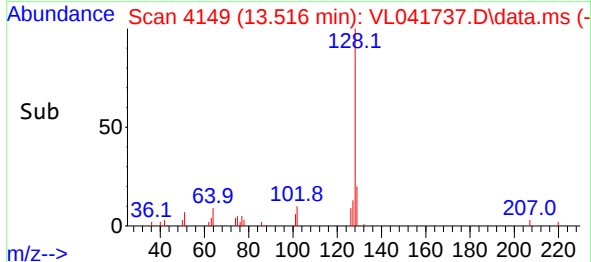
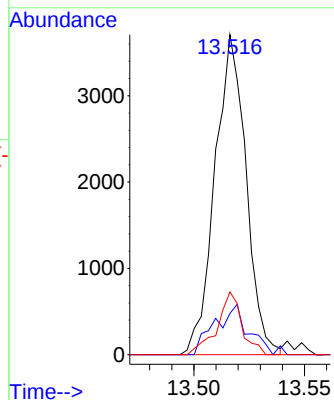
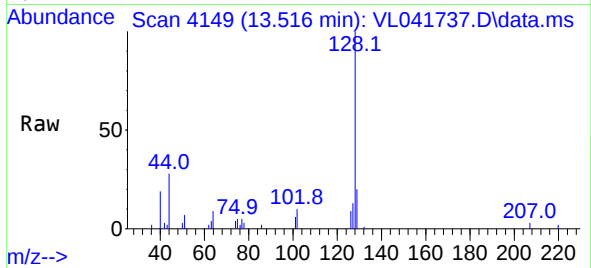




#79
Naphthalene
Concen: 0.034 ppbv
RT: 13.516 min Scan# 4152
Delta R.T. -0.010 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

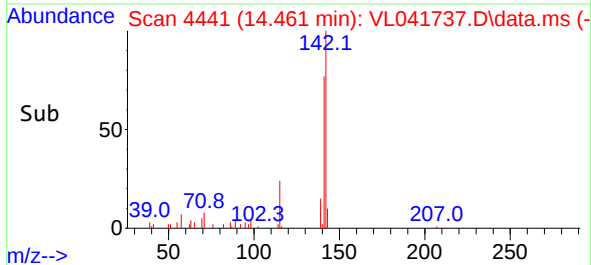
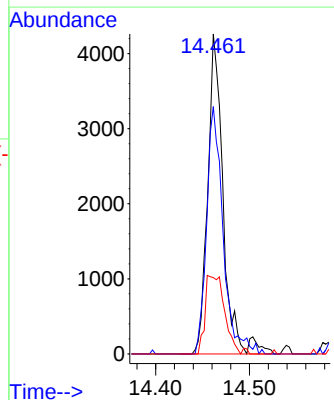
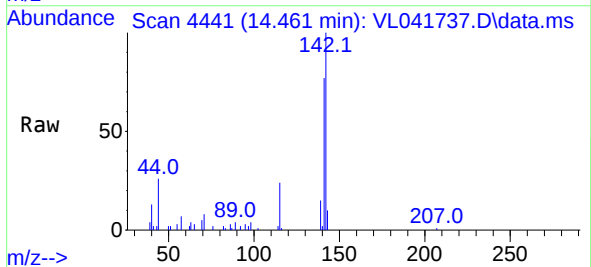
Instrument :
MSVOA_L
ClientSampleId :

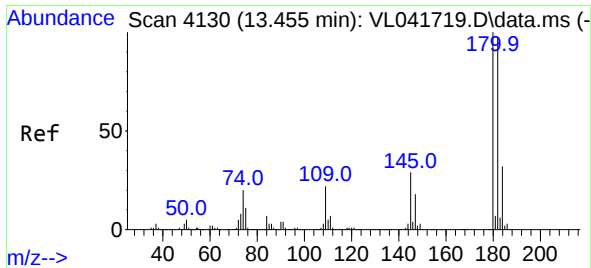
Tgt Ion:128 Resp: 3635
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 19.6 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.126 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.010 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

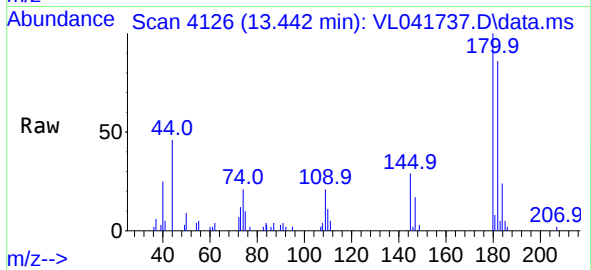
Tgt Ion:142 Resp: 4870
Ion Ratio Lower Upper
142 100
141 82.6 66.0 99.0
115 31.0 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 0.044 ppbv
RT: 13.442 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.0	77.2	115.8
184	28.9	25.2	37.8

