

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041747.D
 Acq On : 12 Dec 2024 12:37
 Operator : SY/MD
 Sample : P5150-03DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 14:23:43 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)

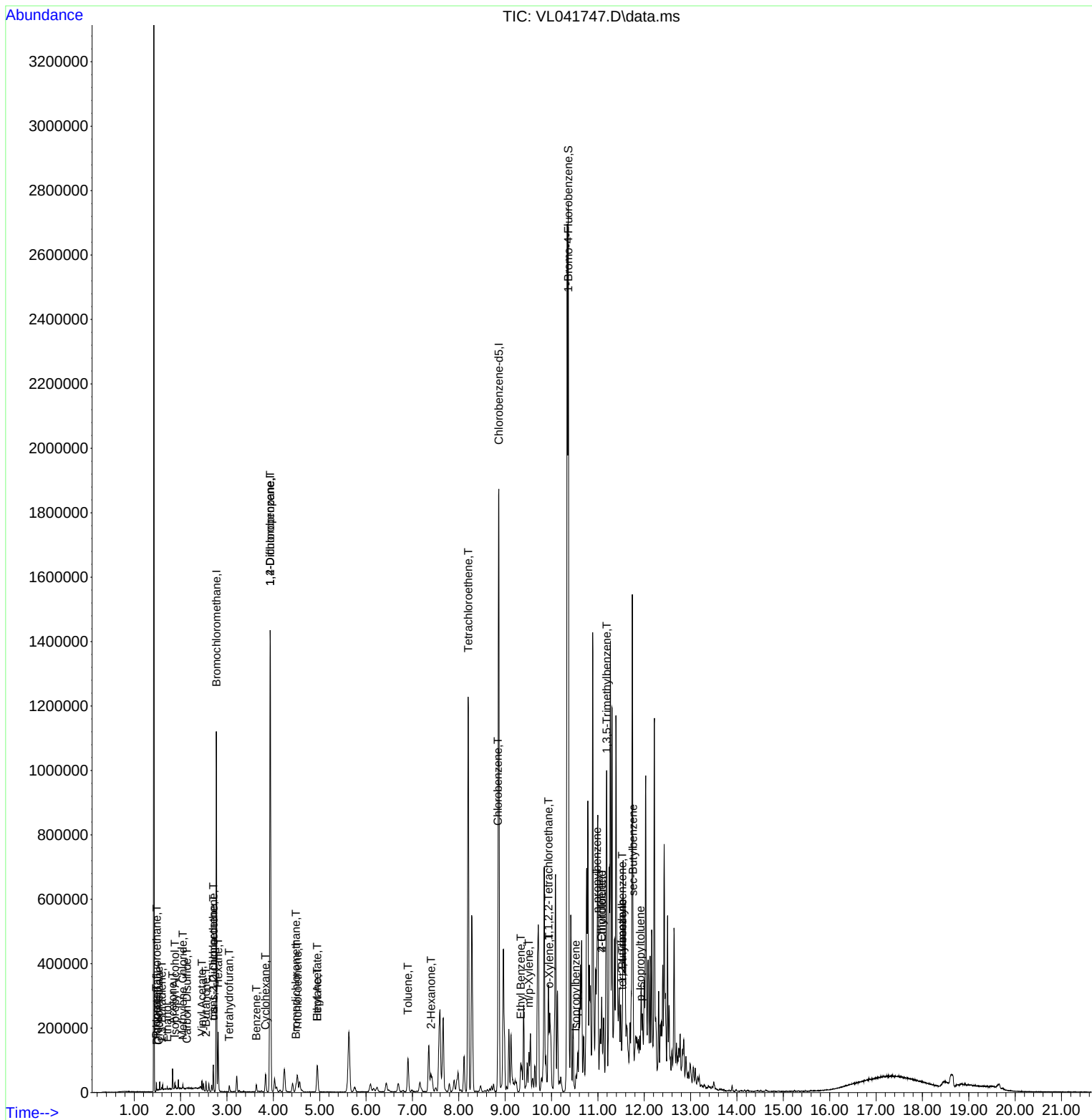
Internal Standards						
1) Bromochloromethane	2.771	49	235470	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.933	114	1097568	10.000	ppbv	-0.04
55) Chlorobenzene-d5	8.862	117	968906	10.000	ppbv	-0.04

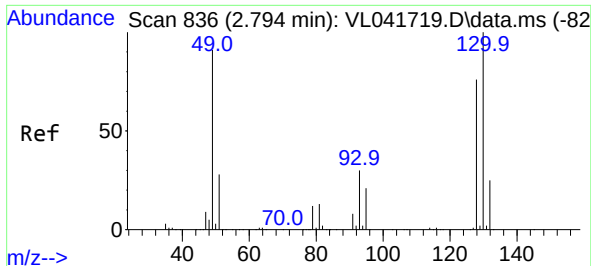
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	657921	10.329	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%

Target Compounds					Qvalue	
4) Chloromethane	1.525	50	505	0.046	ppbv	94
8) Dichlorotetrafluoroethane	1.489	85	1019	0.030	ppbv #	10
9) Propene	1.476	41	3406	0.249	ppbv	99
10) Heptane	4.949	43	33965	0.899	ppbv	99
13) Ethanol	1.712	45	2343	2.072	ppbv #	34
15) Acetone	1.826	43	25668	0.944	ppbv	91
16) 1,3-Butadiene	1.593	39	1029	0.113	ppbv #	36
19) Isopropyl Alcohol	1.877	45	7912	0.306	ppbv #	35
20) Methylene Chloride	2.049	84	2471	0.150	ppbv	94
22) trans-1,2-Dichloroethene	2.706	96	20687	0.915	ppbv	94
23) Vinyl Acetate	2.460	43	8148	0.495	ppbv #	54
25) Ethyl Acetate	4.949	43	33965	0.899	ppbv #	99
26) Hexane	2.810	57	53074	1.448	ppbv #	43
27) Carbon Disulfide	2.136	76	1282	0.034	ppbv #	1
30) Cyclohexane	3.832	84	20256	0.492	ppbv	92
31) cis-1,2-Dichloroethene	2.706	61	23022	0.678	ppbv	98
34) 2-Butanone	2.547	43	18249	0.475	ppbv	97
36) Benzene	3.632	78	14799	0.171	ppbv	94
38) Trichloroethene	4.522	130	7671	0.171	ppbv	97
39) 1,2-Dichloropropane	3.933	63	181865	6.614	ppbv #	32
41) Tetrahydrofuran	3.049	42	6959	0.300	ppbv	98
42) Bromodichloromethane	4.489	83	1781	0.035	ppbv #	26
51) 2-Hexanone	7.399	43	17842	0.394	ppbv #	16
52) Tetrachloroethene	8.202	164	285984	6.255	ppbv	99
53) Toluene	6.901	91	88068	0.830	ppbv	100
57) Chlorobenzene	8.846	112	8826	0.100	ppbv #	62
58) Ethyl Benzene	9.338	91	43866	0.338	ppbv	100
59) m/p-Xylene	9.513	91	75214	0.757	ppbv	98
60) o-Xylene	9.950	91	34917	0.354	ppbv	94
62) Isopropylbenzene	10.522	105	17437	0.107	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.933	83	5466	0.086	ppbv #	25
64) n-propylbenzene	10.979	120	9672	0.202	ppbv	75
65) tert-Butylbenzene	11.523	119	5880	0.038	ppbv #	28
67) sec-Butylbenzene	11.759	105	22396	0.112	ppbv #	89
69) p-Isopropyltoluene	11.917	119	6623	0.039	ppbv	99
71) 2-Chlorotoluene	11.082	91	7241	0.066	ppbv	97
72) 4-Ethyltoluene	11.082	105	57621	0.453	ppbv #	78
73) 1,3,5-Trimethylbenzene	11.192	105	21547	0.209	ppbv	96
74) 1,2,4-Trimethylbenzene	11.526	105	39130	0.350	ppbv #	67

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

Quant Time: Dec 12 14:23:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration

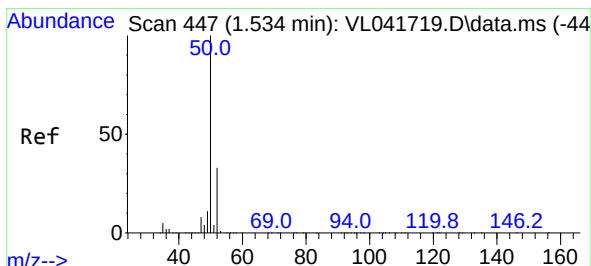
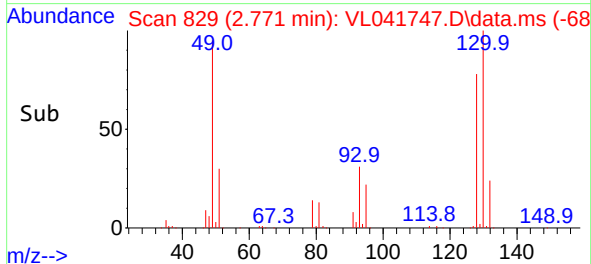
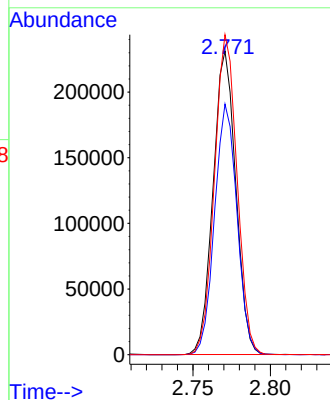
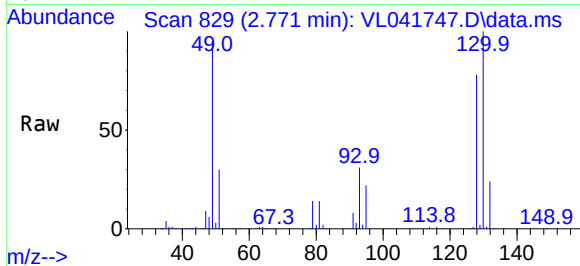




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.771 min Scan# 81
Delta R.T. -0.023 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

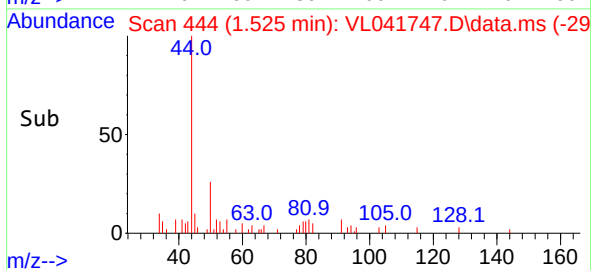
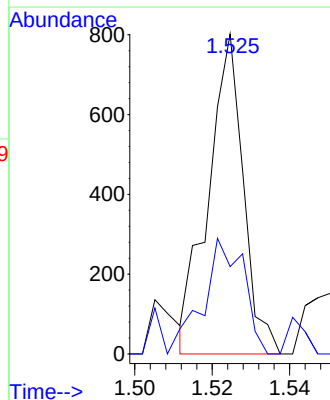
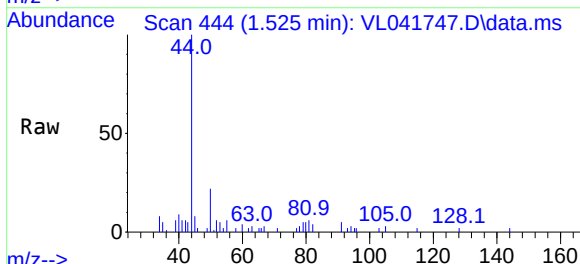
Instrument :
MSVOA_L
ClientSampleId :

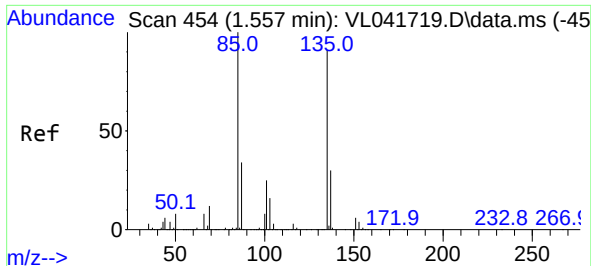
Tgt Ion: 49 Resp: 235470
Ion Ratio Lower Upper
49 100
128 81.5 42.8 128.3
130 105.0 55.8 167.4



#4
Chloromethane
Concen: 0.046 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.010 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 30.0 26.6 40.0

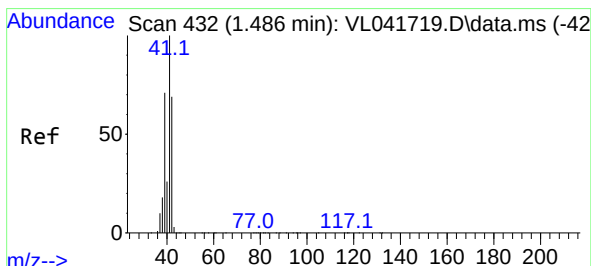
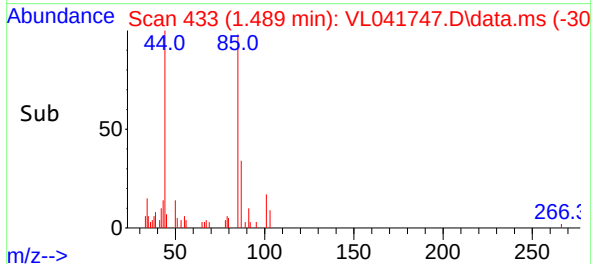
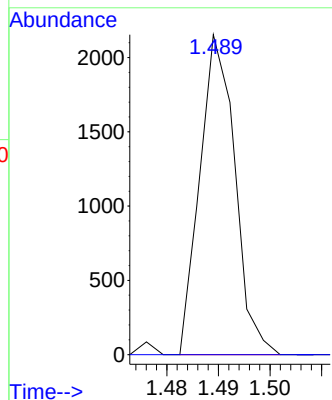
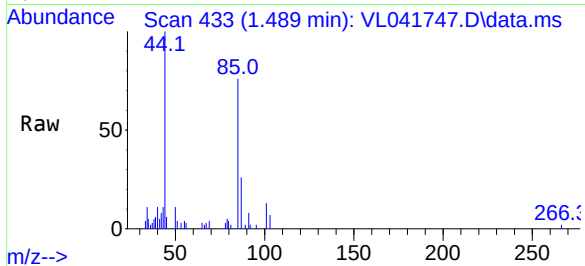




#8
Dichlorotetrafluoroethane
Concen: 0.030 ppbv
RT: 1.489 min Scan# 411
Delta R.T. -0.068 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

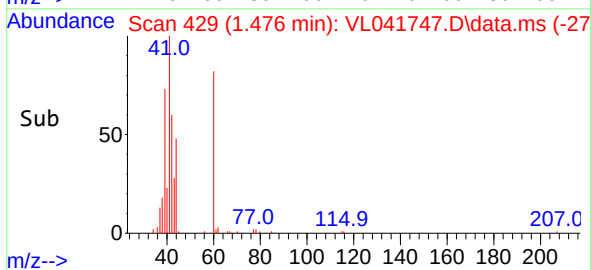
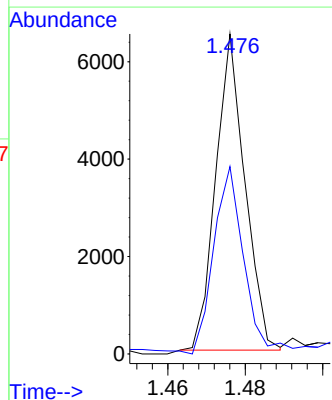
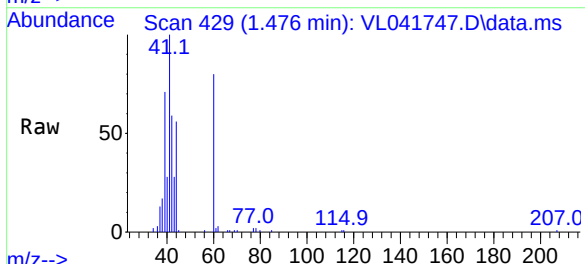
Instrument :
MSVOA_L
ClientSampleId :

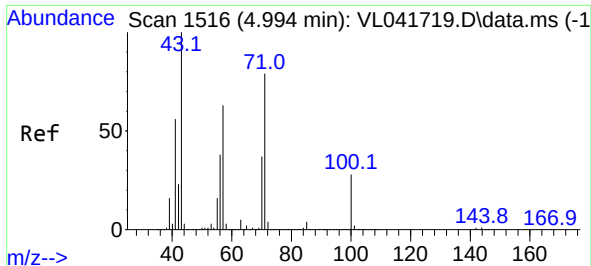
Tgt Ion: 85 Resp: 1019
Ion Ratio Lower Upper
85 100
135 3.6 69.0 103.6#



#9
Propene
Concen: 0.249 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.010 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 41 Resp: 3406
Ion Ratio Lower Upper
41 100
42 69.3 56.2 84.4

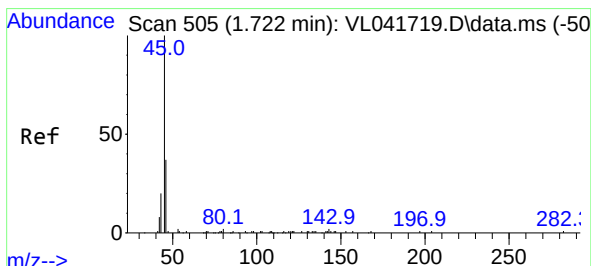
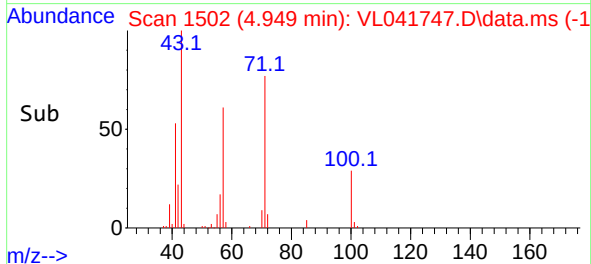
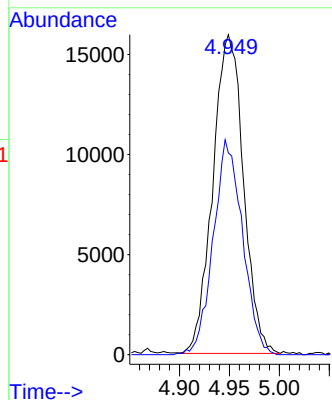
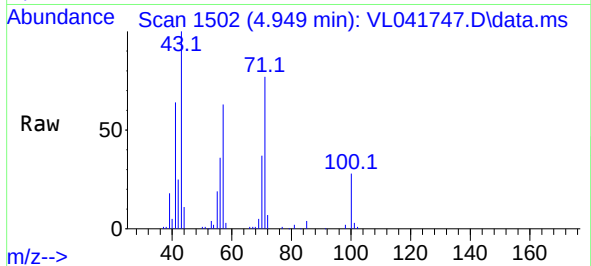




#10
Heptane
Concen: 0.899 ppbv
RT: 4.949 min Scan# 11
Delta R.T. -0.045 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

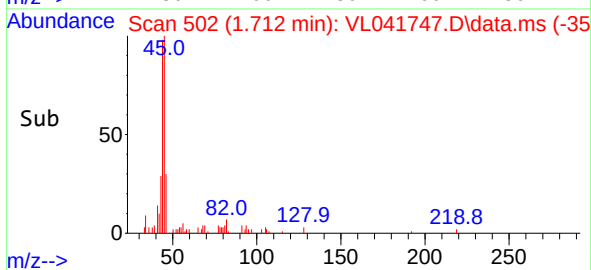
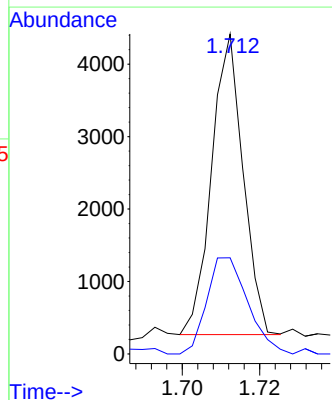
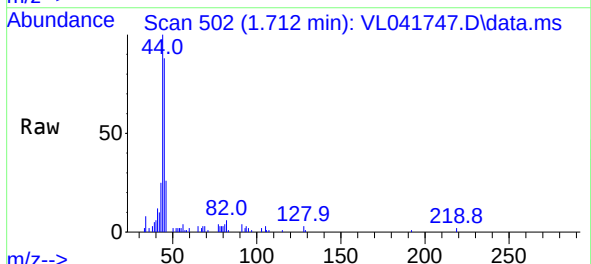
Instrument :
MSVOA_L
ClientSampleId :

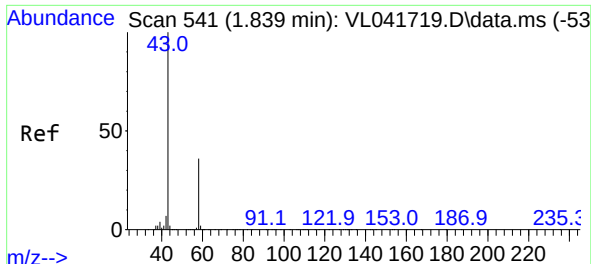
Tgt Ion: 43 Resp: 33965
Ion Ratio Lower Upper
43 100
57 64.2 50.5 75.7



#13
Ethanol
Concen: 2.072 ppbv
RT: 1.712 min Scan# 502
Delta R.T. -0.010 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 45 Resp: 2343
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.6#

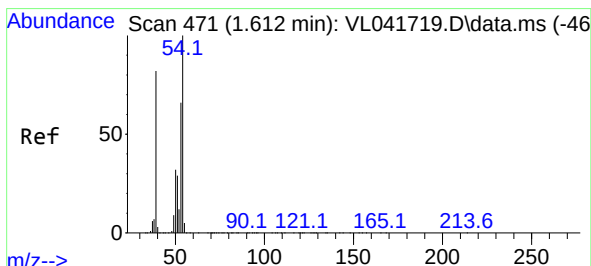
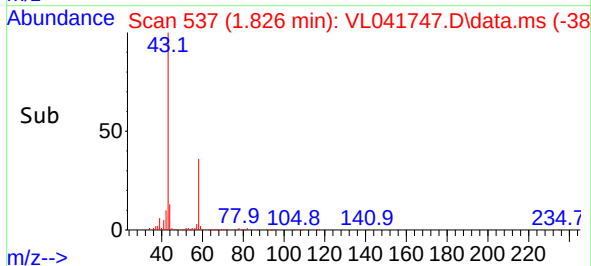
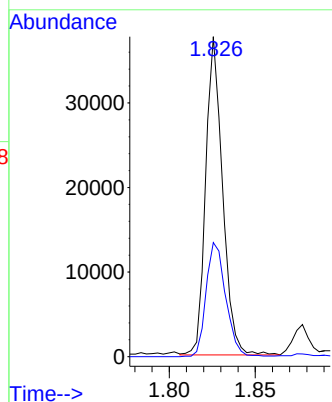
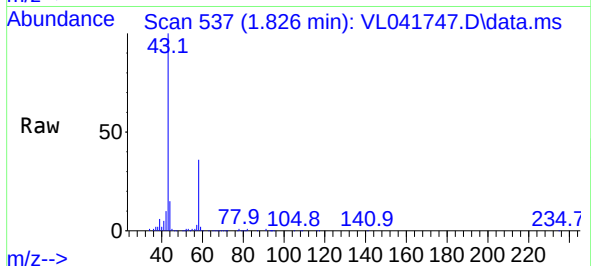




#15
Acetone
Concen: 0.944 ppbv
RT: 1.826 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

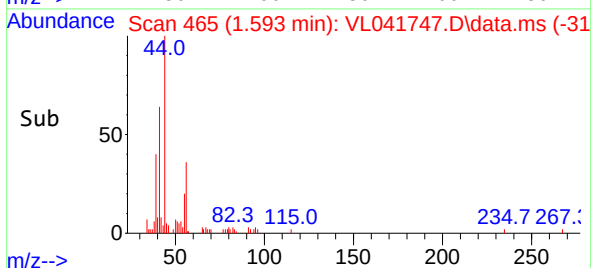
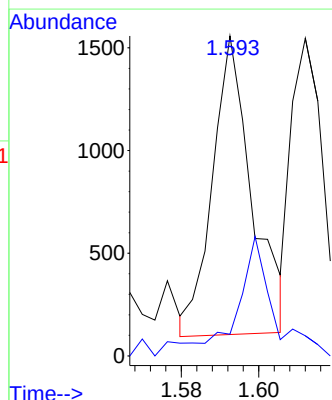
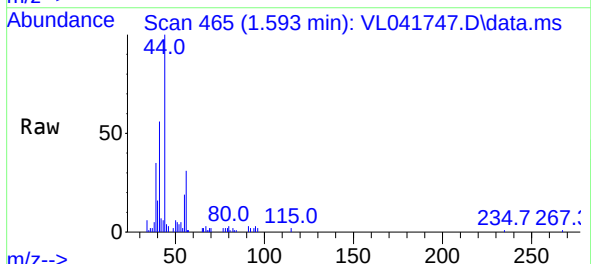
Instrument :
MSVOA_L
ClientSampleId :

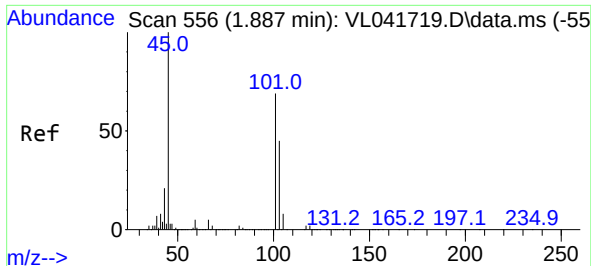
Tgt Ion: 43 Resp: 25668
Ion Ratio Lower Upper
43 100
58 41.7 28.9 43.3



#16
1,3-Butadiene
Concen: 0.113 ppbv
RT: 1.593 min Scan# 465
Delta R.T. -0.020 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 39 Resp: 1029
Ion Ratio Lower Upper
39 100
54 39.9 85.0 127.6#





#19

Isopropyl Alcohol

Concen: 0.306 ppbv

RT: 1.877 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

Instrument :

MSVOA_L

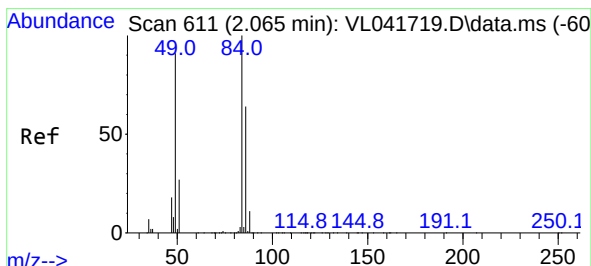
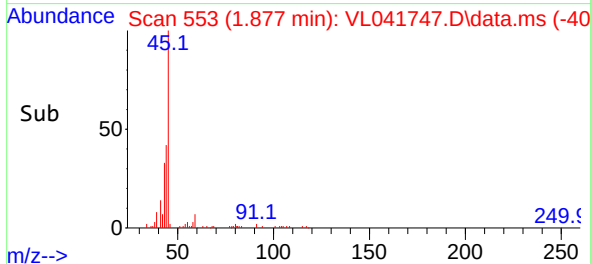
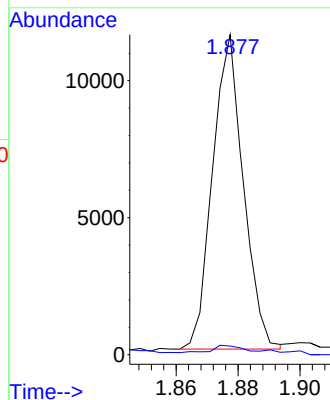
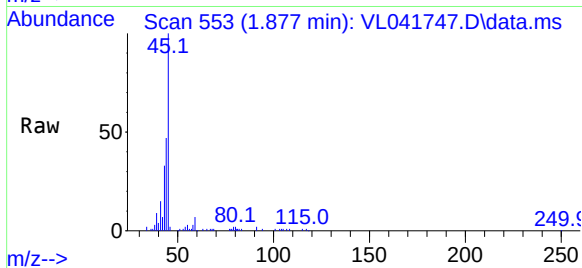
ClientSampleId :

Tgt Ion: 45 Resp: 7912

Ion Ratio Lower Upper

45 100

58 5.4 40.6 61.0#



#20

Methylene Chloride

Concen: 0.150 ppbv

RT: 2.049 min Scan# 606

Delta R.T. -0.016 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

Tgt Ion: 84 Resp: 2471

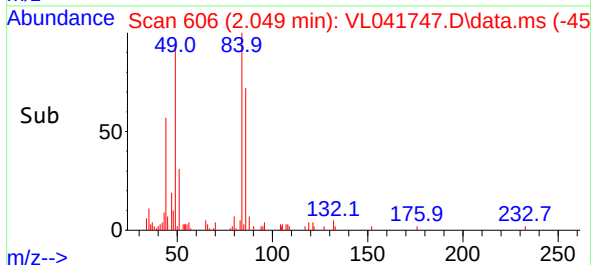
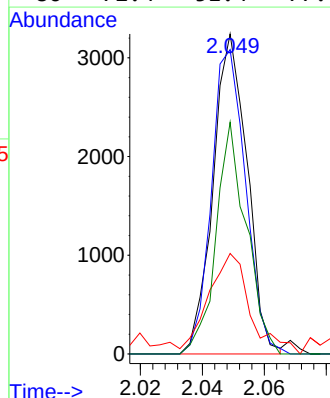
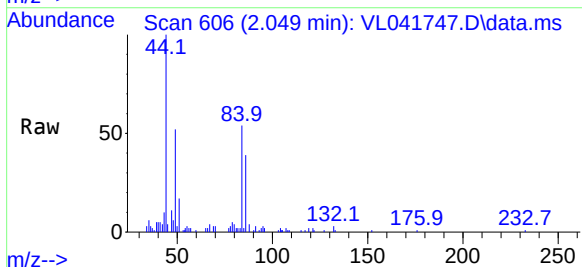
Ion Ratio Lower Upper

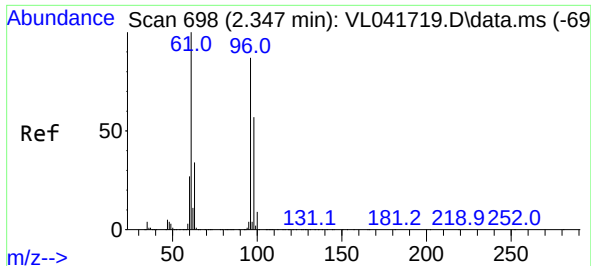
84 100

49 95.1 73.6 110.4

51 29.8 22.7 34.1

86 72.4 51.4 77.0

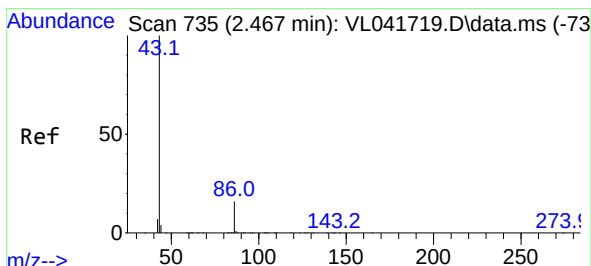
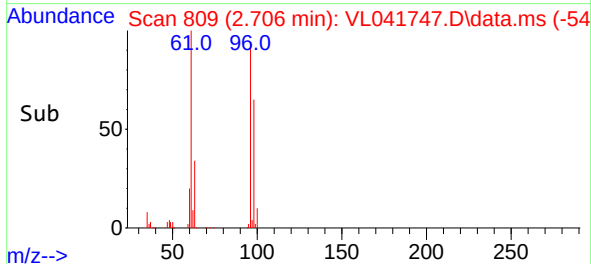
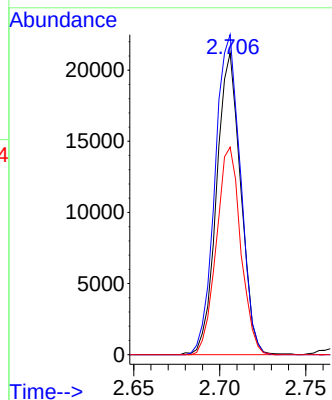
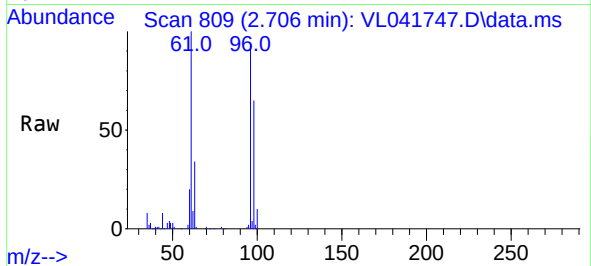




#22
trans-1,2-Dichloroethene
Concen: 0.915 ppbv
RT: 2.706 min Scan# 809
Delta R.T. 0.359 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

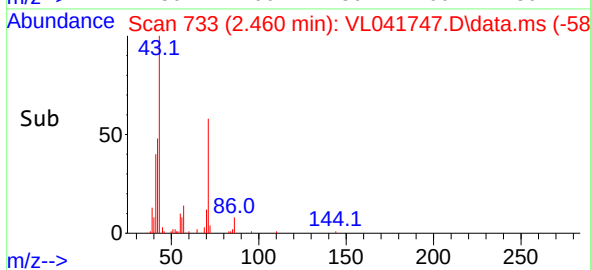
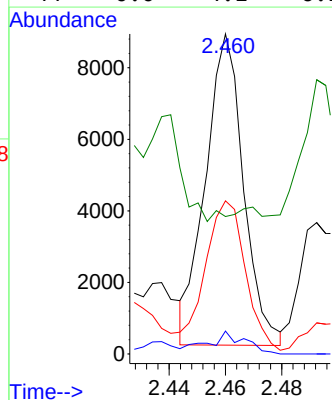
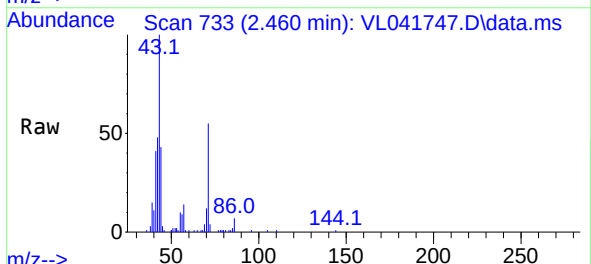
Instrument :
MSVOA_L
ClientSampleId :

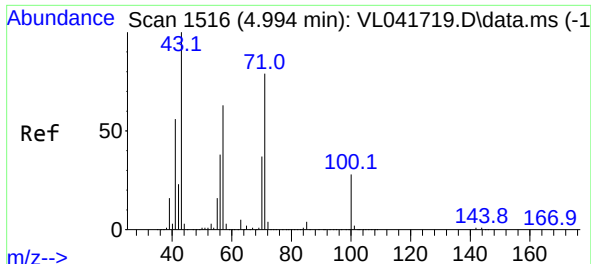
Tgt Ion: 96 Resp: 20687
Ion Ratio Lower Upper
96 100
61 106.0 91.8 137.6
98 68.8 52.7 79.1



#23
Vinyl Acetate
Concen: 0.495 ppbv
RT: 2.460 min Scan# 733
Delta R.T. -0.007 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 43 Resp: 8148
Ion Ratio Lower Upper
43 100
86 7.7 11.5 17.3#
42 50.1 6.6 10.0#
44 0.0 4.1 6.1#



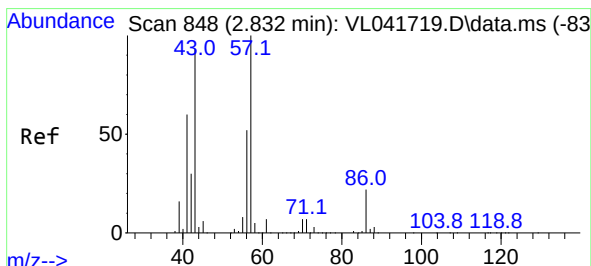
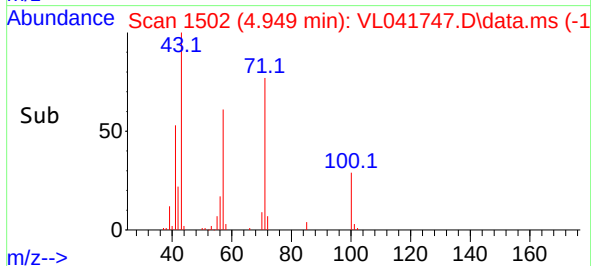
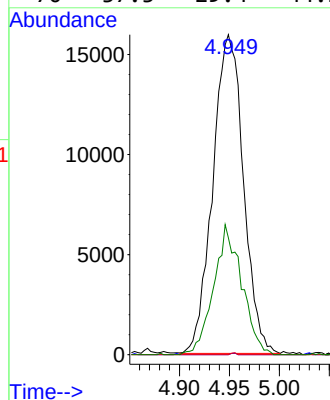
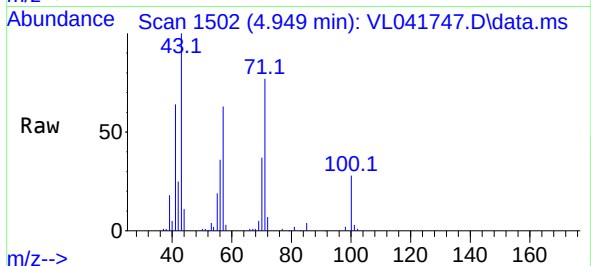


#25
Ethyl Acetate
Concen: 0.899 ppbv
RT: 4.949 min Scan# 11
Delta R.T. -0.045 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 33965

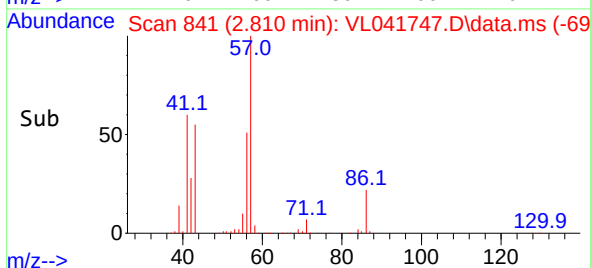
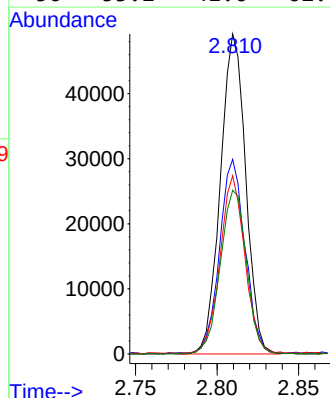
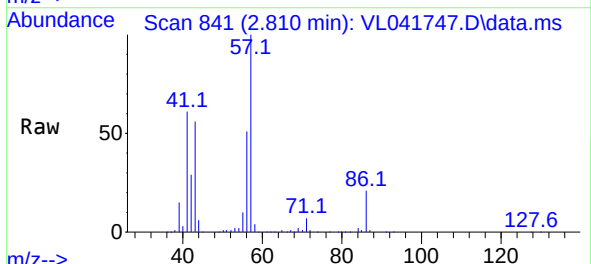
Ion	Ratio	Lower	Upper
43	100		
45	0.1	0.0	0.0#
61	0.1	0.4	0.6#
70	37.3	29.4	44.2

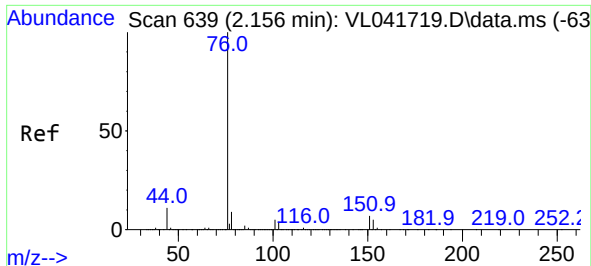


#26
Hexane
Concen: 1.448 ppbv
RT: 2.810 min Scan# 841
Delta R.T. -0.023 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 57 Resp: 53074

Ion	Ratio	Lower	Upper
57	100		
41	61.1	49.5	74.3
43	54.9	150.6	225.8#
56	53.2	41.6	62.4





#27

Carbon Disulfide

Concen: 0.034 ppbv

RT: 2.136 min Scan# 61

Delta R.T. -0.020 min

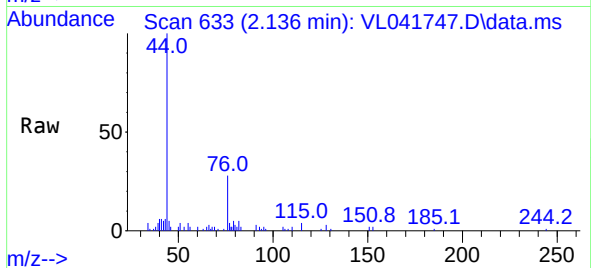
Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

Instrument :

MSVOA_L

ClientSampleId :



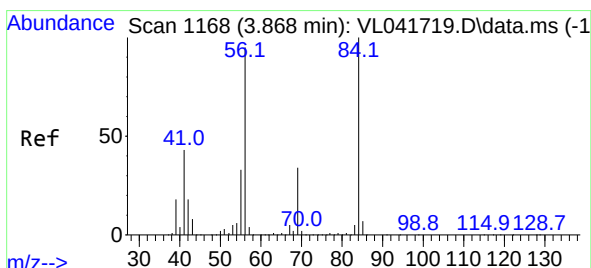
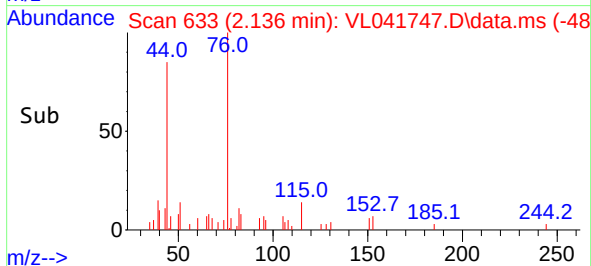
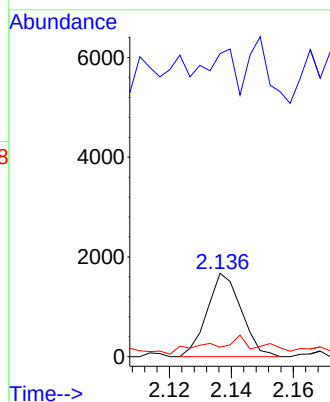
Tgt Ion: 76 Resp: 1282

Ion Ratio Lower Upper

76 100

44 244.9 9.4 14.0#

78 14.7 9.4 14.0#



#30

Cyclohexane

Concen: 0.492 ppbv

RT: 3.832 min Scan# 1157

Delta R.T. -0.036 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

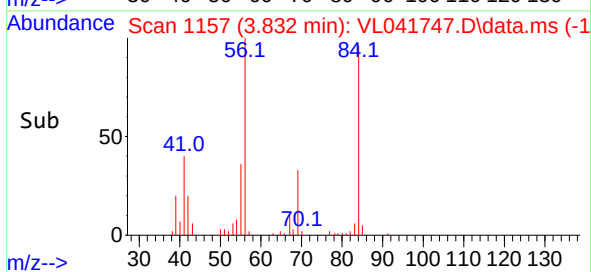
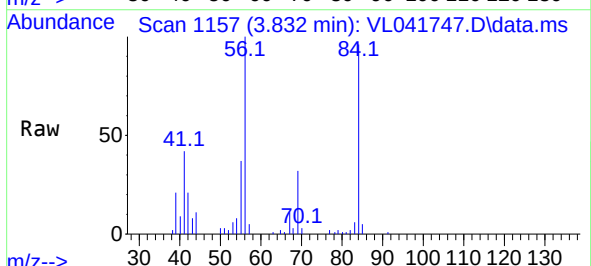
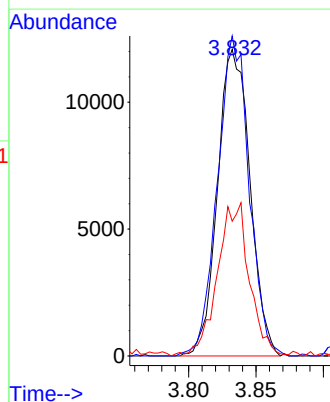
Tgt Ion: 84 Resp: 20256

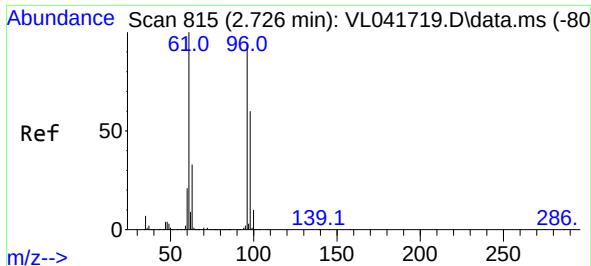
Ion Ratio Lower Upper

84 100

56 101.9 76.0 114.0

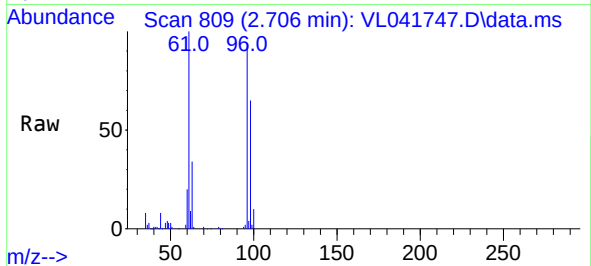
41 49.4 34.2 51.4



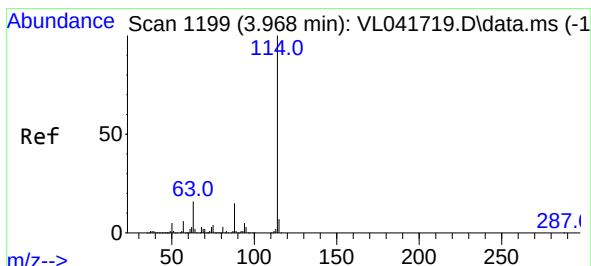
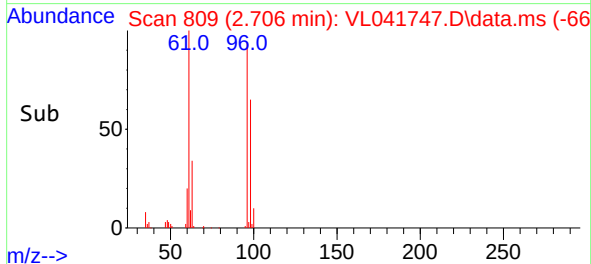
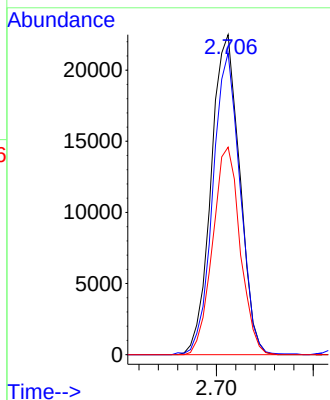


#31
cis-1,2-Dichloroethene
Concen: 0.678 ppbv
RT: 2.706 min Scan# 809
Delta R.T. -0.020 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Instrument :
MSVOA_L
ClientSampleId :

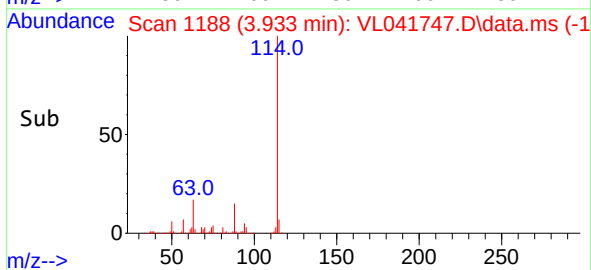
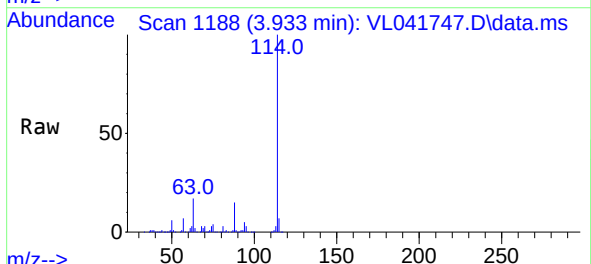
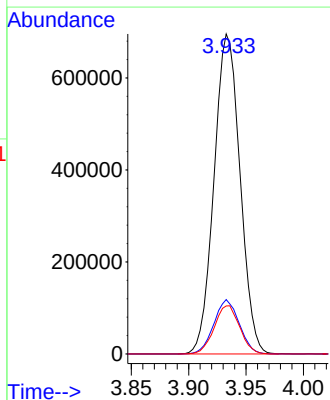


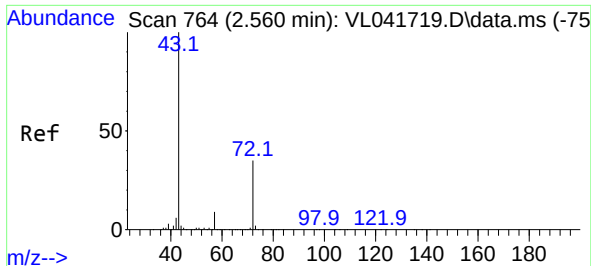
Tgt Ion: 61 Resp: 23022
Ion Ratio Lower Upper
61 100
96 94.0 75.4 113.2
98 64.9 48.3 72.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.933 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

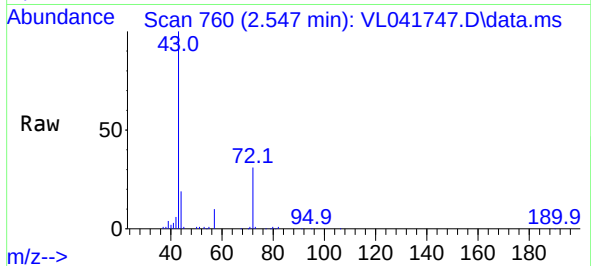
Tgt Ion: 114 Resp: 1097568
Ion Ratio Lower Upper
114 100
63 16.6 12.9 19.3
88 14.8 11.8 17.6



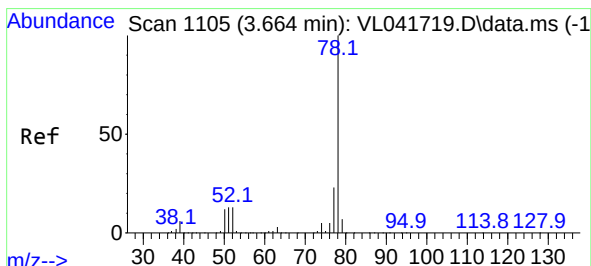
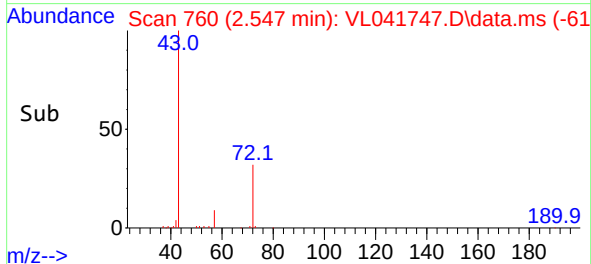
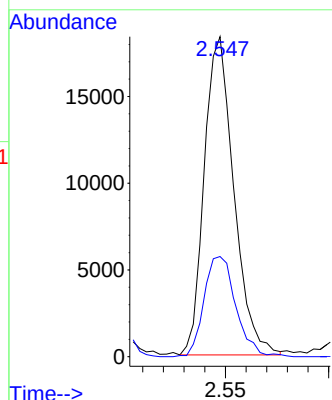


#34
2-Butanone
Concen: 0.475 ppbv
RT: 2.547 min Scan# 70
Delta R.T. -0.013 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Instrument :
MSVOA_L
ClientSampleId :

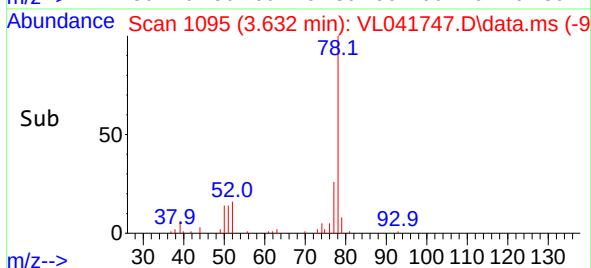
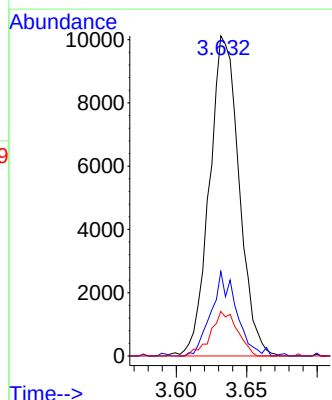
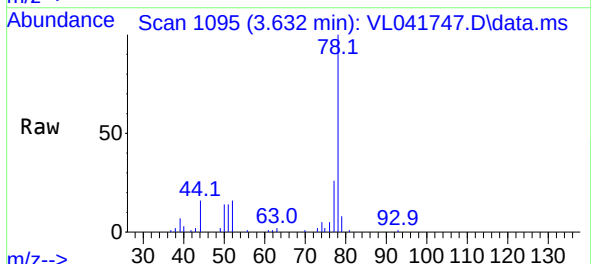


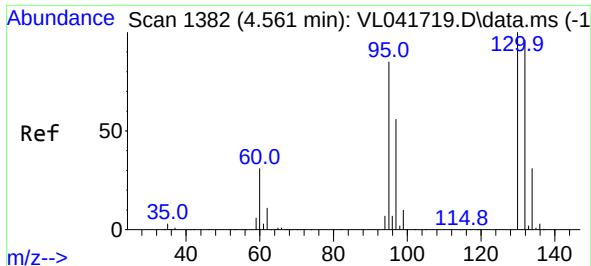
Tgt Ion: 43 Resp: 18249
Ion Ratio Lower Upper
43 100
72 33.9 28.3 42.5



#36
Benzene
Concen: 0.171 ppbv
RT: 3.632 min Scan# 1095
Delta R.T. -0.033 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 78 Resp: 14799
Ion Ratio Lower Upper
78 100
77 26.4 18.6 27.8
50 13.9 9.5 14.3





#38

Trichloroethene

Concen: 0.171 ppbv

RT: 4.522 min Scan# 1187

Delta R.T. -0.039 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:130 Resp: 7671

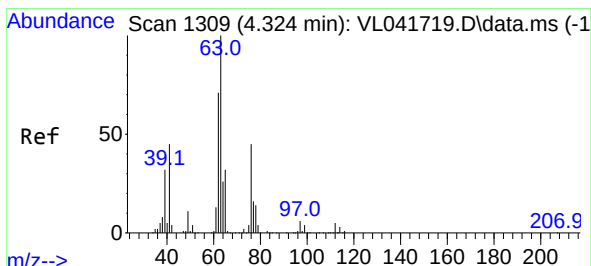
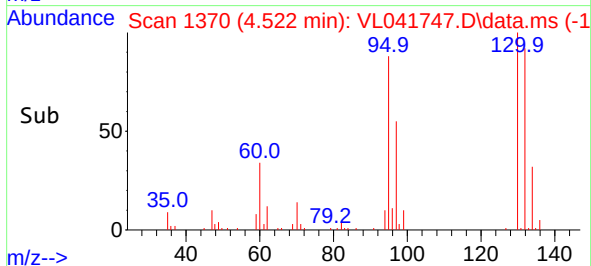
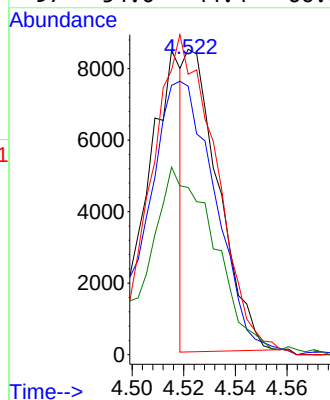
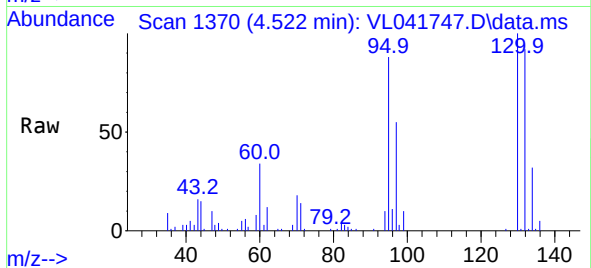
Ion Ratio Lower Upper

130 100

95 87.3 68.0 102.0

132 91.5 76.5 114.7

97 54.0 44.4 66.6



#39

1,2-Dichloropropane

Concen: 6.614 ppbv

RT: 3.933 min Scan# 1188

Delta R.T. -0.392 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

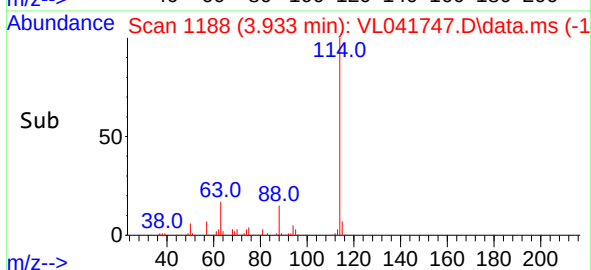
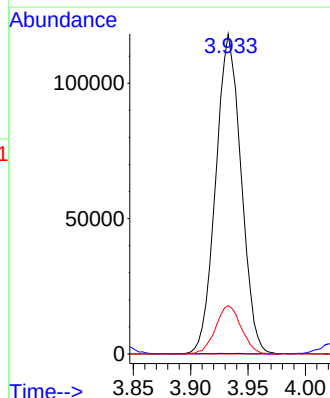
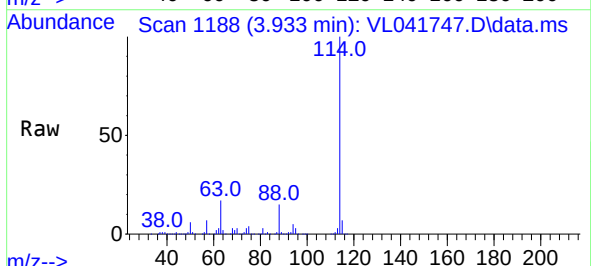
Tgt Ion: 63 Resp: 181865

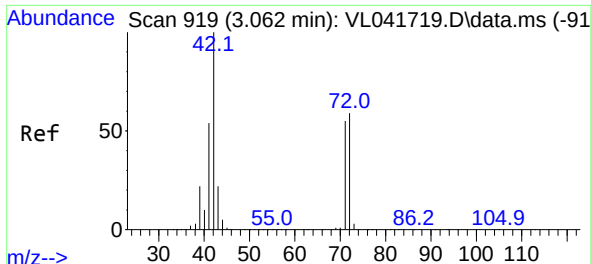
Ion Ratio Lower Upper

63 100

41 0.0 36.4 54.6#

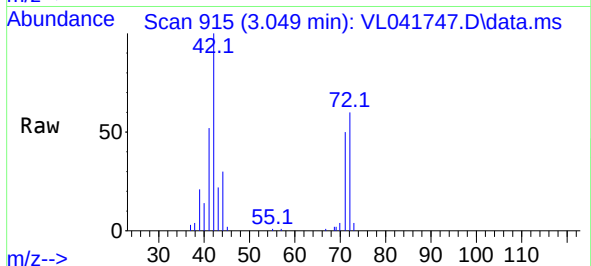
62 15.1 56.6 85.0#





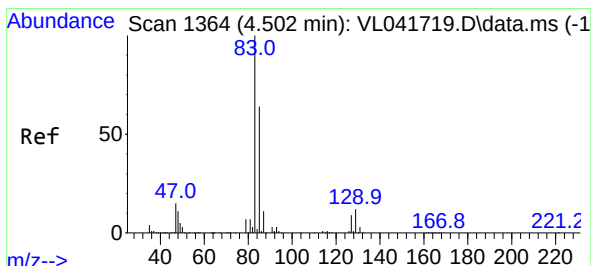
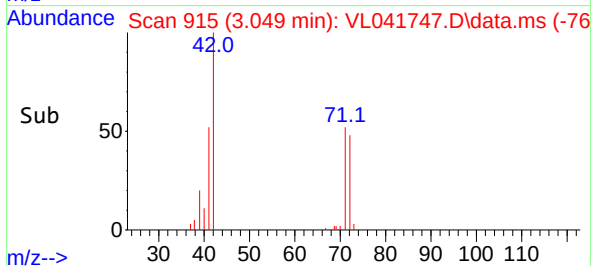
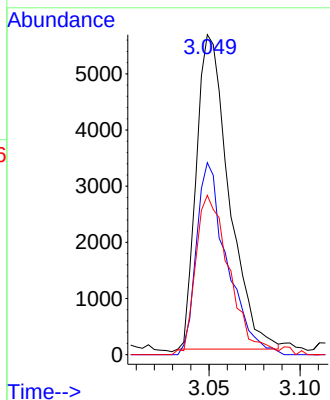
#41
Tetrahydrofuran
Concen: 0.300 ppbv
RT: 3.049 min Scan# 919
Delta R.T. -0.013 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 42 Resp: 6959

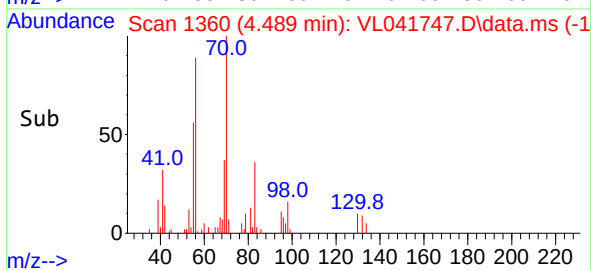
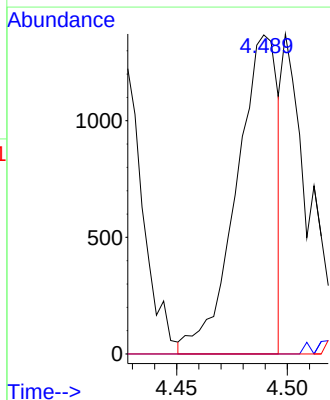
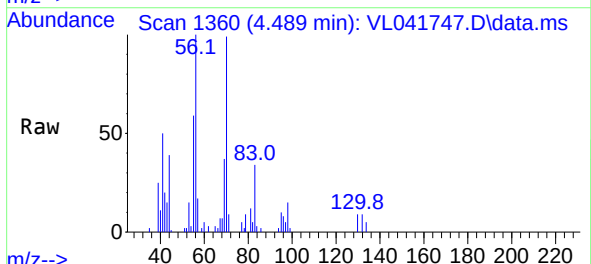
Ion	Ratio	Lower	Upper
42	100		
72	57.6	47.4	71.0
71	53.8	44.4	66.6

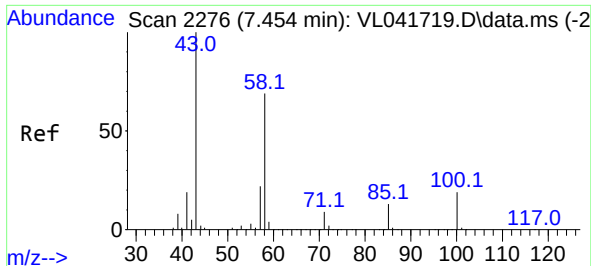


#42
Bromodichloromethane
Concen: 0.035 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.013 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 83 Resp: 1781

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.0	76.6#
127	0.0	7.6	11.4#

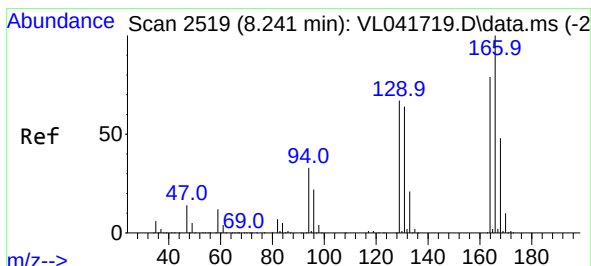
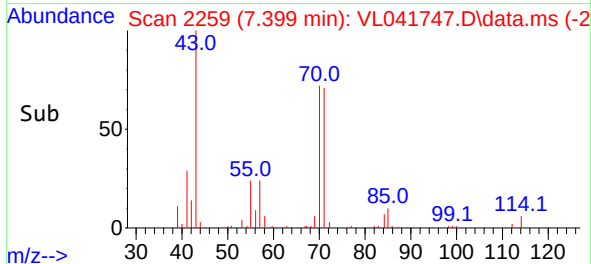
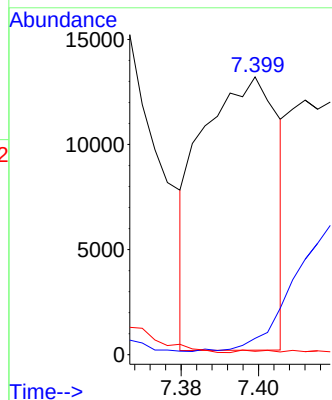
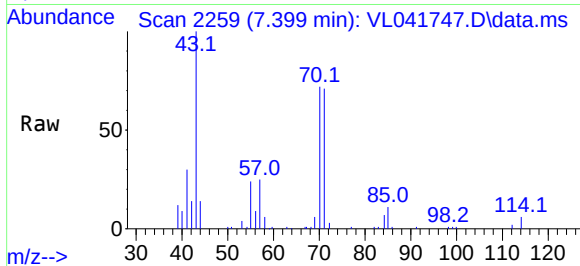




#51
2-Hexanone
Concen: 0.394 ppbv
RT: 7.399 min Scan# 21
Delta R.T. -0.055 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

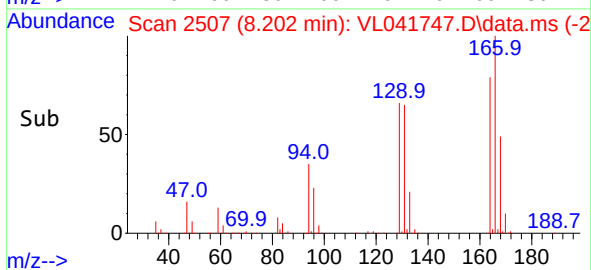
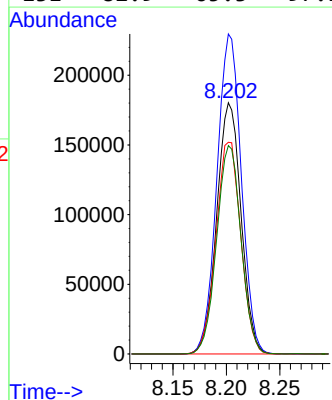
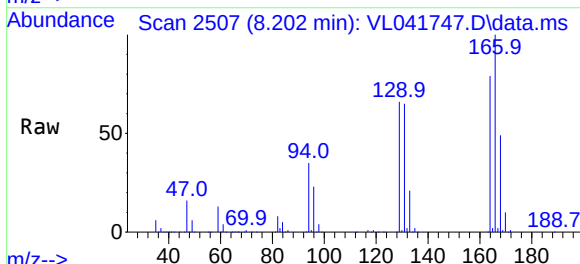
Instrument :
MSVOA_L
ClientSampleId :

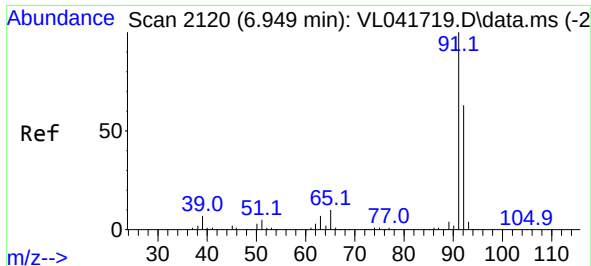
Tgt Ion: 43 Resp: 17842
Ion Ratio Lower Upper
43 100
58 0.0 54.2 81.4#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 6.255 ppbv
RT: 8.202 min Scan# 2507
Delta R.T. -0.039 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion:164 Resp: 285984
Ion Ratio Lower Upper
164 100
166 127.3 101.4 152.0
129 84.3 67.6 101.4
131 82.9 65.3 97.9

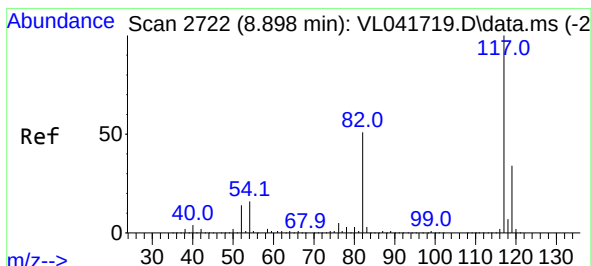
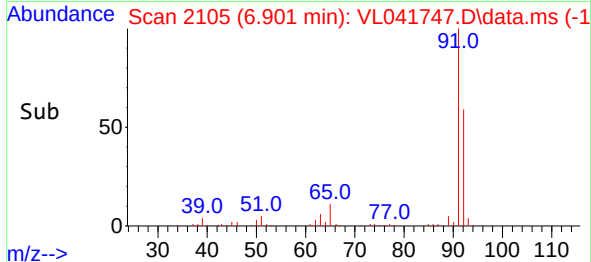
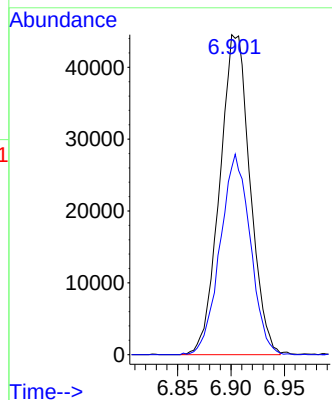
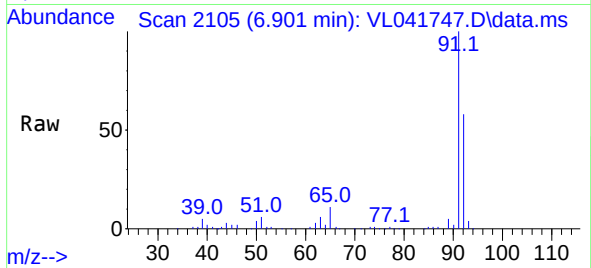




#53
Toluene
Concen: 0.830 ppbv
RT: 6.901 min Scan# 2110
Delta R.T. -0.049 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

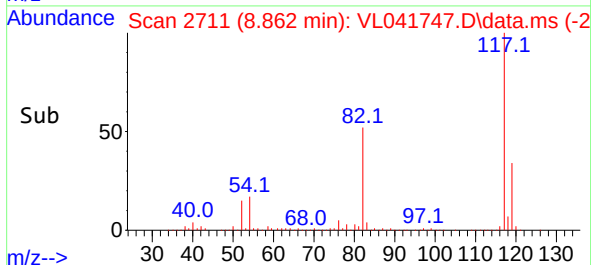
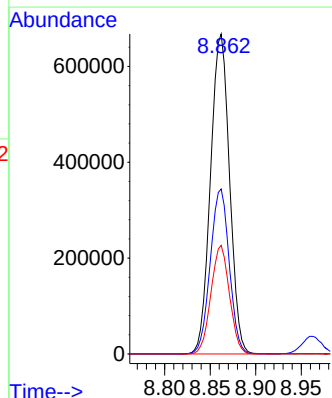
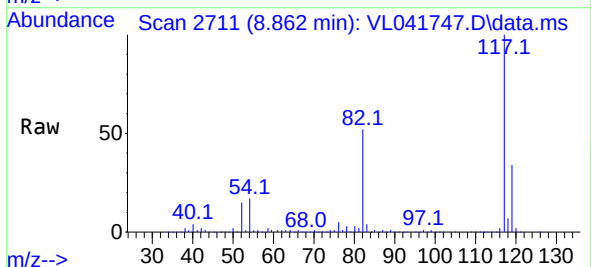
Instrument :
MSVOA_L
ClientSampleId :

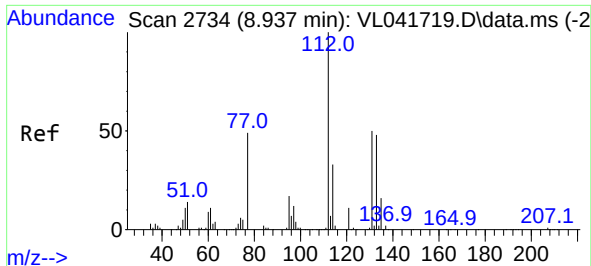
Tgt Ion: 91 Resp: 88068
Ion Ratio Lower Upper
91 100
92 62.2 49.7 74.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 2711
Delta R.T. -0.036 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 117 Resp: 968906
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 33.1 25.8 38.8

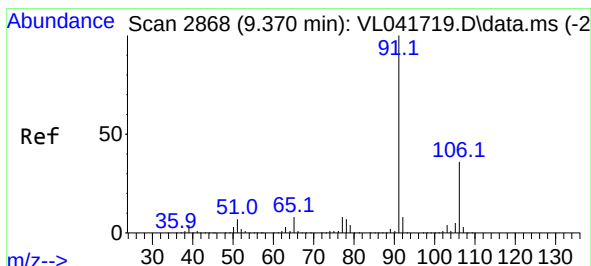
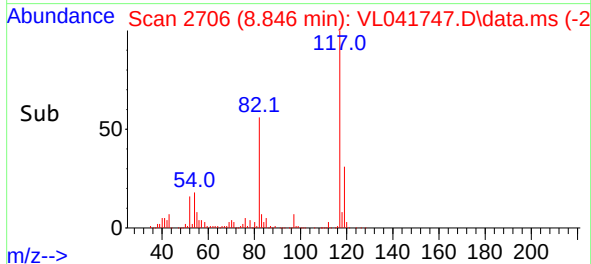
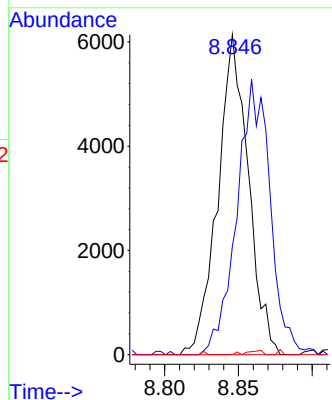
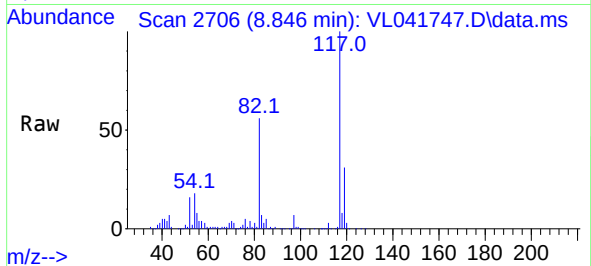




#57
Chlorobenzene
Concen: 0.100 ppbv
RT: 8.846 min Scan# 21
Delta R.T. -0.091 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

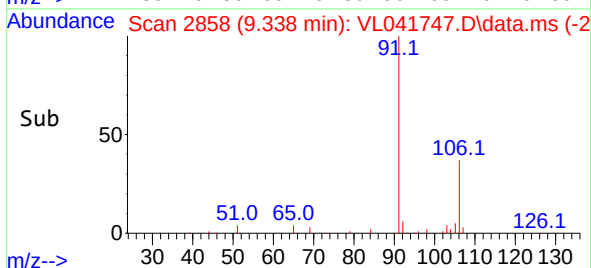
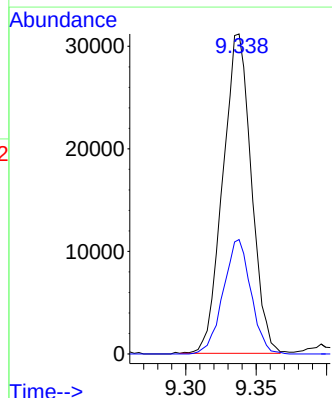
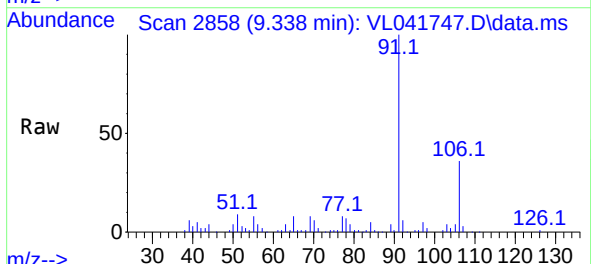
Instrument :
MSVOA_L
ClientSampleId :

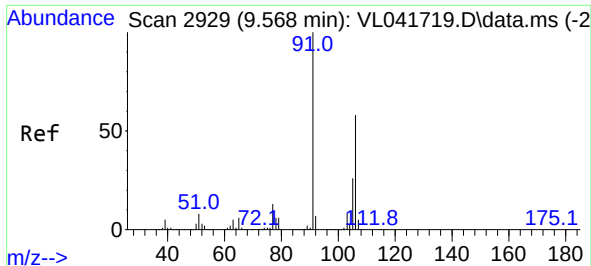
Tgt Ion:112 Resp: 8826
Ion Ratio Lower Upper
112 100
77 33.9 40.1 60.1#
114 0.0 30.2 36.9#



#58
Ethyl Benzene
Concen: 0.338 ppbv
RT: 9.338 min Scan# 2858
Delta R.T. -0.033 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion: 91 Resp: 43866
Ion Ratio Lower Upper
91 100
106 35.8 28.6 43.0





#59

m/p-Xylene

Concen: 0.757 ppbv

RT: 9.513 min Scan# 29

Delta R.T. -0.055 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

Instrument :

MSVOA_L

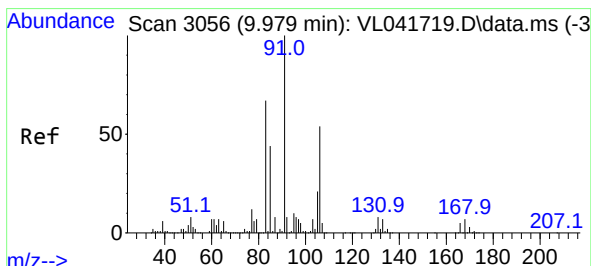
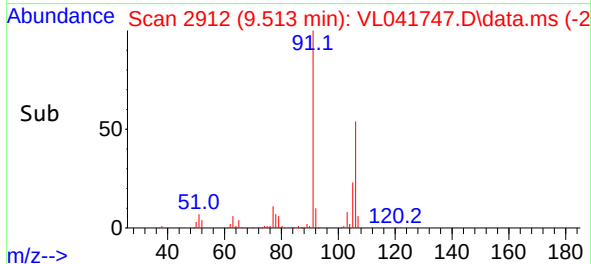
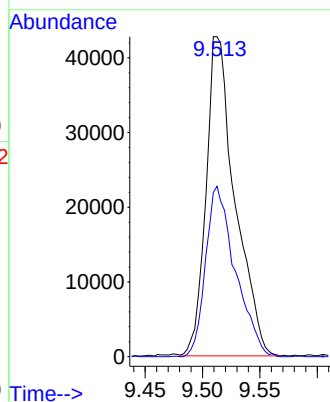
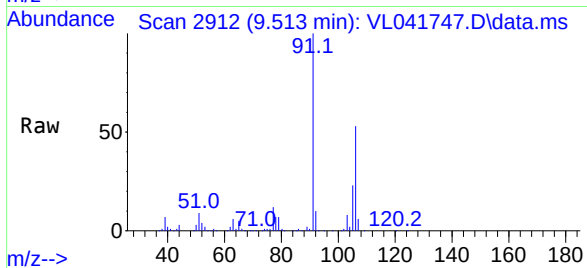
ClientSampleId :

Tgt Ion: 91 Resp: 75214

Ion Ratio Lower Upper

91 100

106 54.6 45.1 67.7



#60

o-Xylene

Concen: 0.354 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. -0.029 min

Lab File: VL041747.D

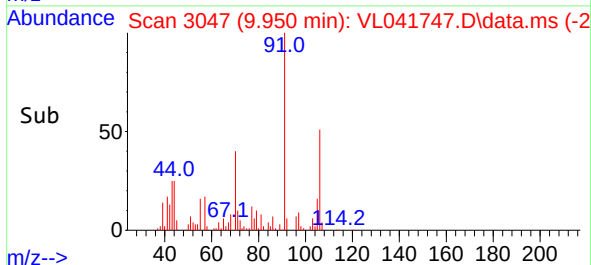
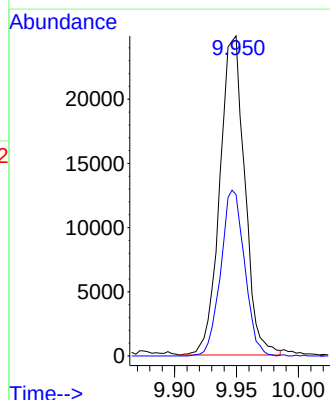
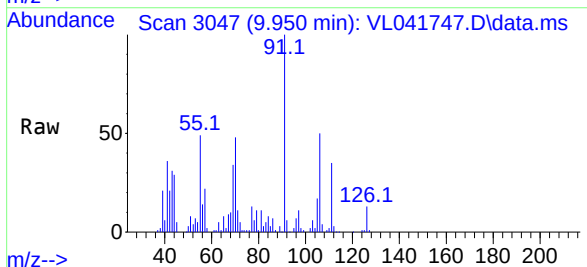
Acq: 12 Dec 2024 12:37

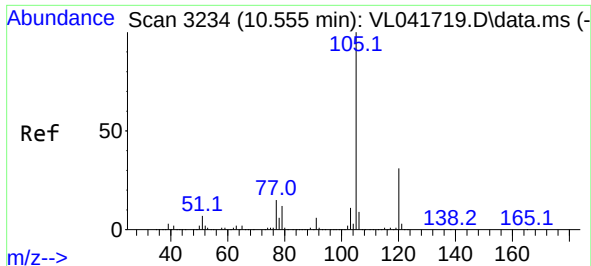
Tgt Ion: 91 Resp: 34917

Ion Ratio Lower Upper

91 100

106 49.7 26.8 80.4

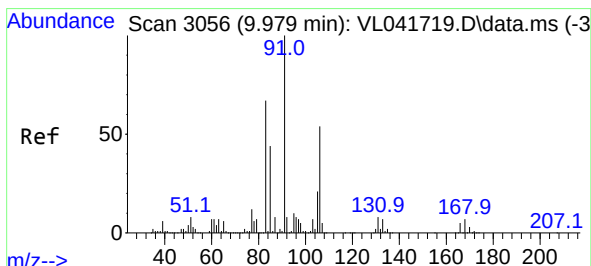
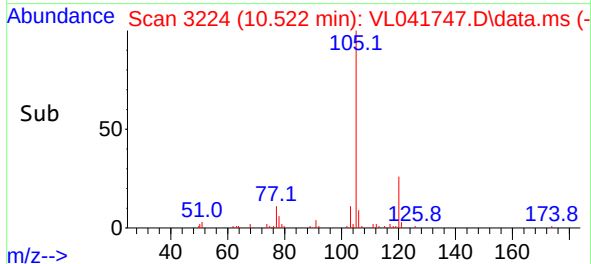
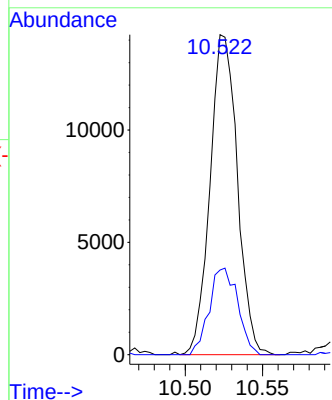
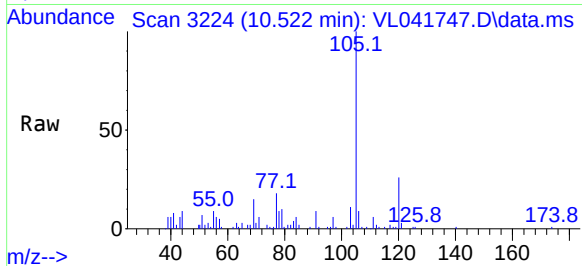




#62
Isopropylbenzene
Concen: 0.107 ppbv
RT: 10.522 min Scan# 31
Delta R.T. -0.033 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

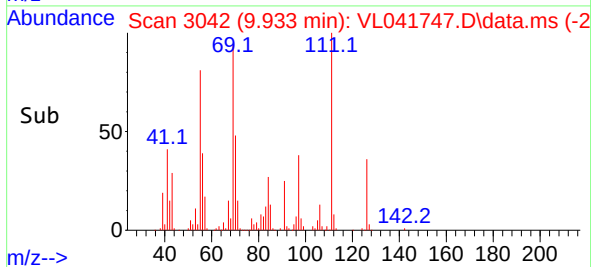
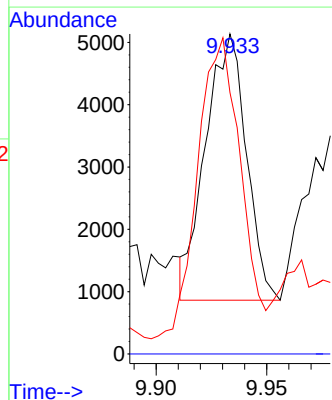
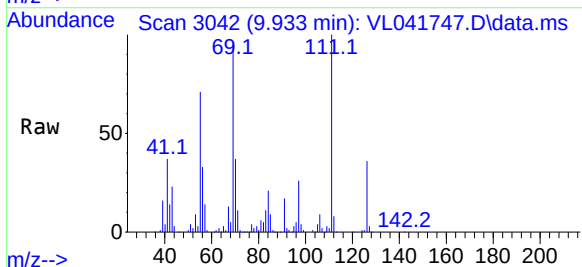
Instrument :
MSVOA_L
ClientSampleId :

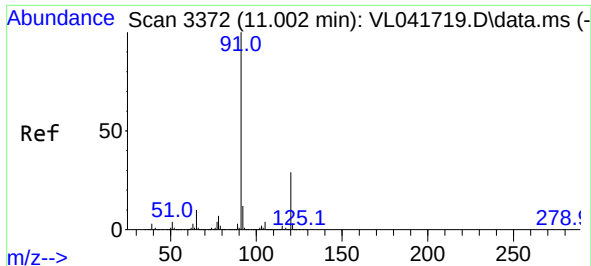
Tgt Ion:105 Resp: 17437
Ion Ratio Lower Upper
105 100
120 28.2 24.3 36.5



#63
1,1,2,2-Tetrachloroethane
Concen: 0.086 ppbv
RT: 9.933 min Scan# 3042
Delta R.T. -0.045 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

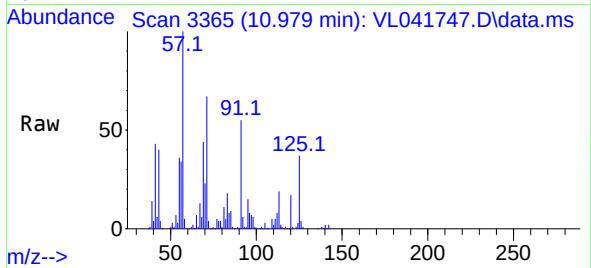
Tgt Ion: 83 Resp: 5466
Ion Ratio Lower Upper
83 100
131 0.0 5.9 17.6#
85 0.0 32.8 98.4#



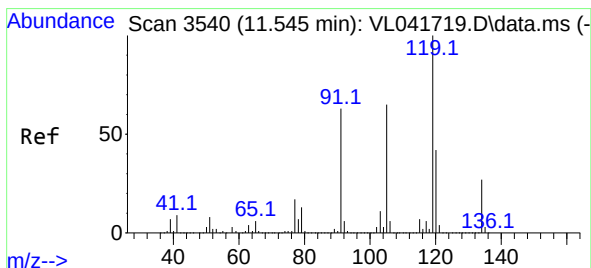
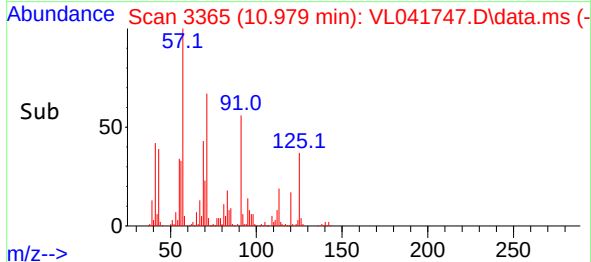
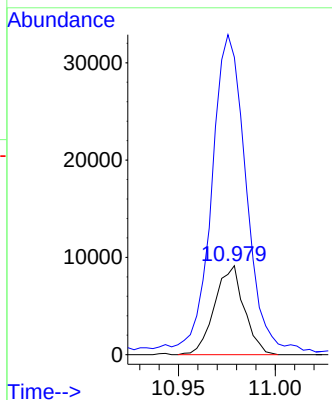


#64
n-propylbenzene
Concen: 0.202 ppbv
RT: 10.979 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Instrument :
MSVOA_L
ClientSampleId :

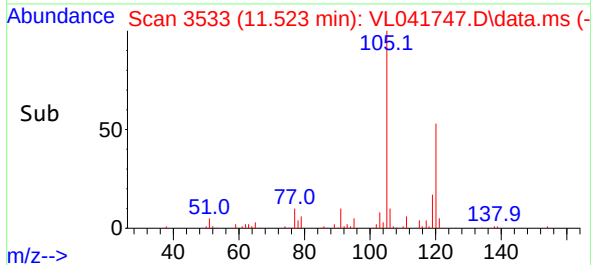
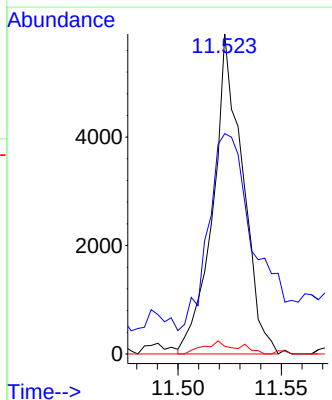
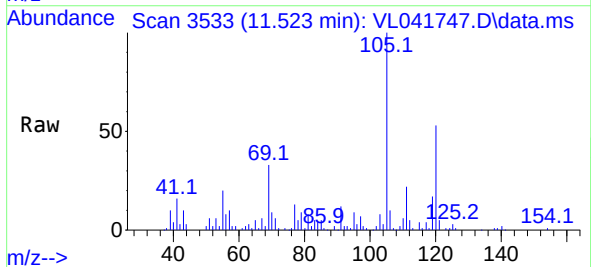


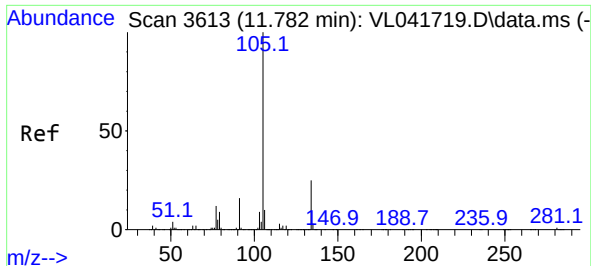
Tgt Ion:120 Resp: 9672
Ion Ratio Lower Upper
120 100
91 419.9 290.8 436.2



#65
tert-Butylbenzene
Concen: 0.038 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.023 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Tgt Ion:119 Resp: 5880
Ion Ratio Lower Upper
119 100
91 128.0 50.2 75.4#
134 4.9 20.4 30.6#

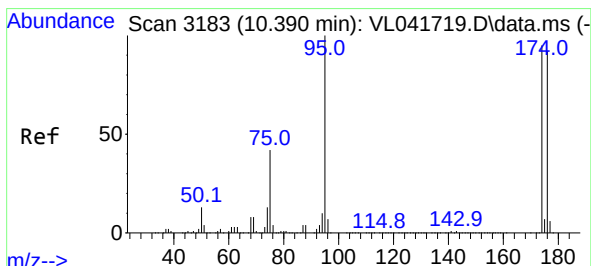
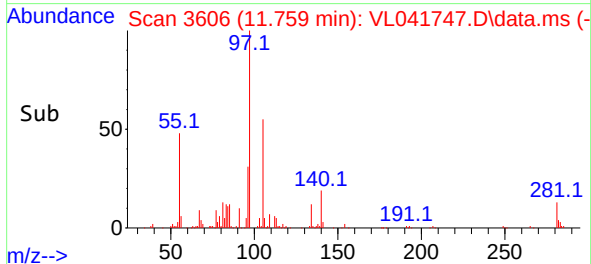
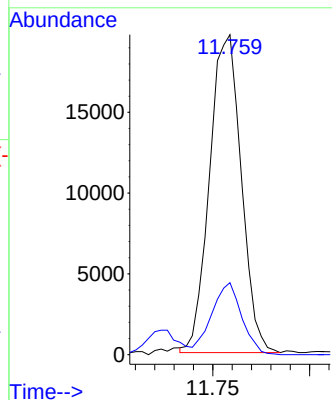
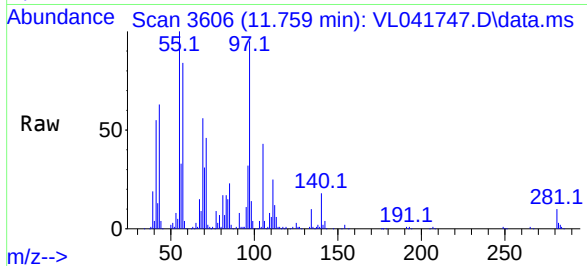




#67
 sec-Butylbenzene
 Concen: 0.112 ppbv
 RT: 11.759 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: VL041747.D
 Acq: 12 Dec 2024 12:37

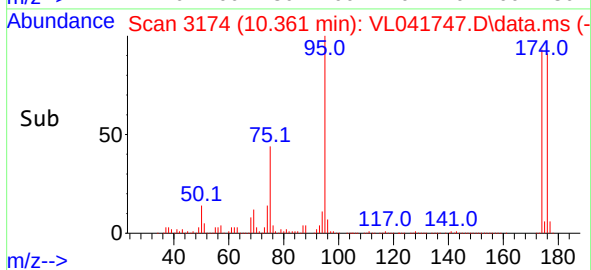
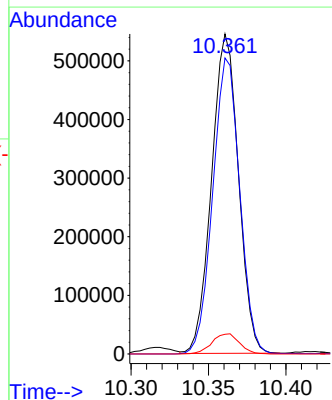
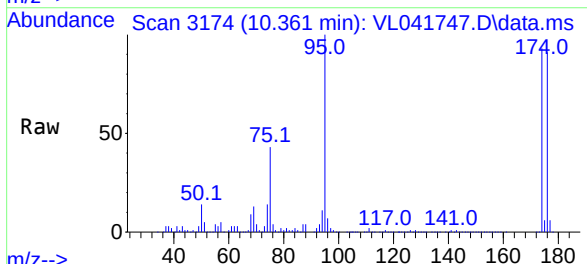
Instrument :
 MSVOA_L
 ClientSampleId :

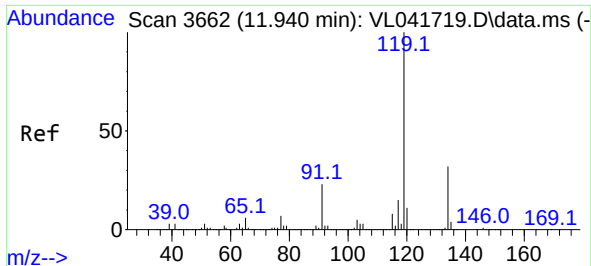
Tgt Ion:105 Resp: 22396
 Ion Ratio Lower Upper
 105 100
 134 29.4 19.3 28.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.329 ppbv
 RT: 10.361 min Scan# 3174
 Delta R.T. -0.029 min
 Lab File: VL041747.D
 Acq: 12 Dec 2024 12:37

Tgt Ion: 95 Resp: 657921
 Ion Ratio Lower Upper
 95 100
 174 93.1 76.7 115.1
 175 6.5 5.4 8.2





#69

p-Isopropyltoluene

Concen: 0.039 ppbv

RT: 11.917 min Scan# 30

Delta R.T. -0.023 min

Lab File: VL041747.D

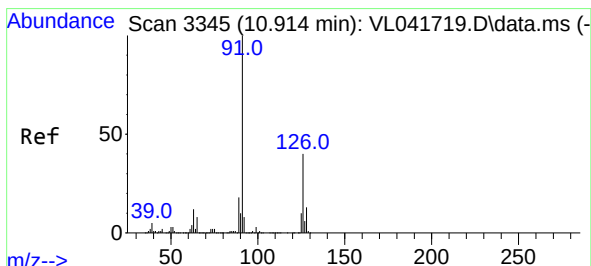
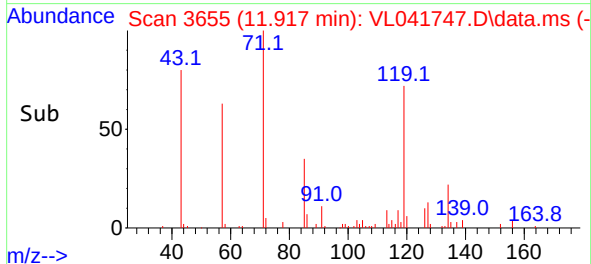
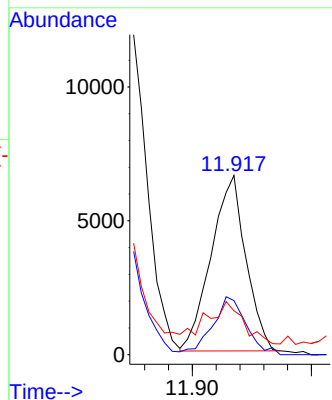
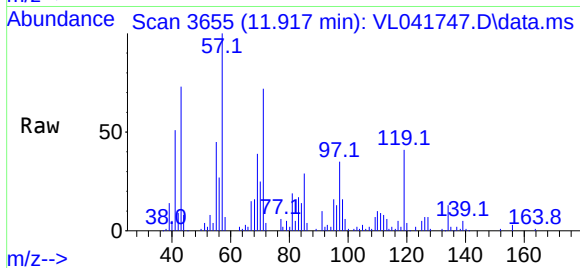
Acq: 12 Dec 2024 12:37

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	6623
Ion	Ratio	Lower	Upper
119	100		
134	31.3	24.6	36.8
91	22.3	17.8	26.8



#71

2-Chlorotoluene

Concen: 0.066 ppbv

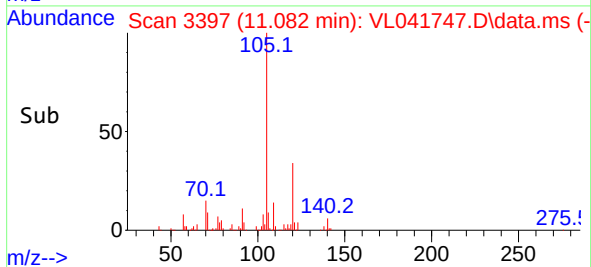
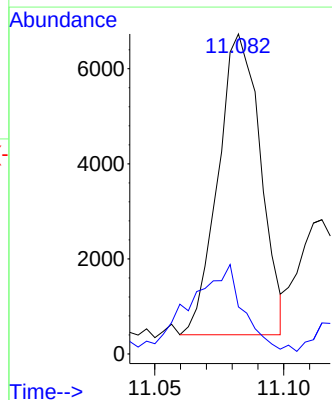
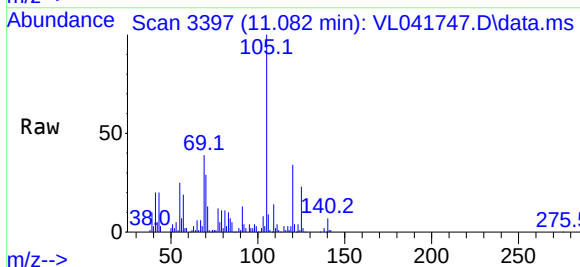
RT: 11.082 min Scan# 3397

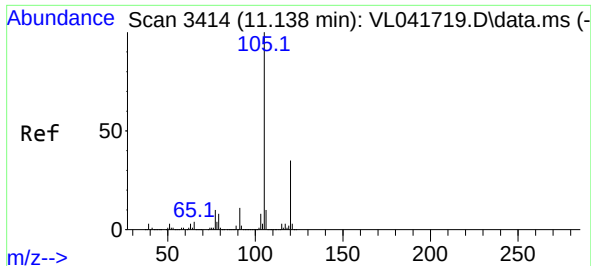
Delta R.T. 0.168 min

Lab File: VL041747.D

Acq: 12 Dec 2024 12:37

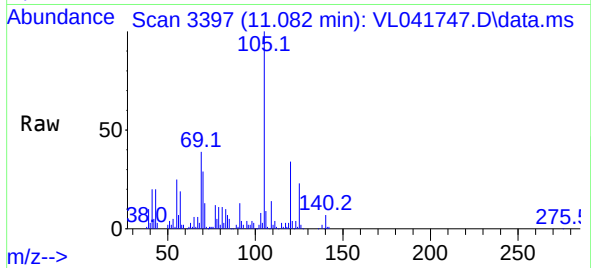
Tgt Ion:	91	Resp:	7241
Ion	Ratio	Lower	Upper
91	100		
126	41.4	15.9	63.7



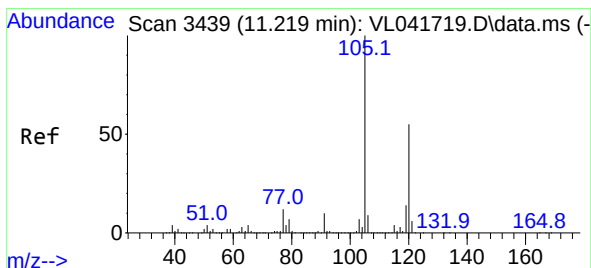
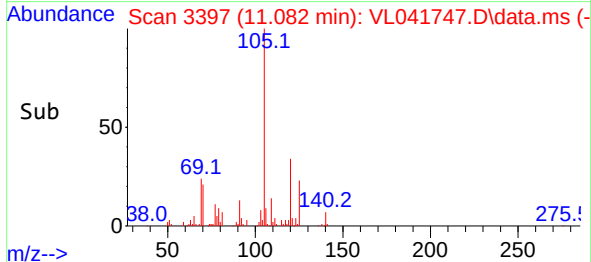
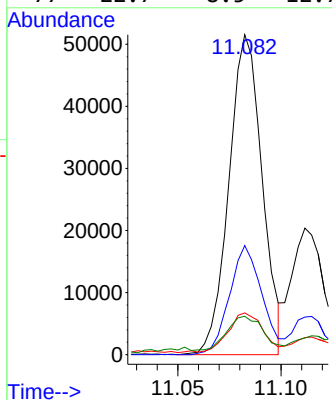


#72
4-Ethyltoluene
Concen: 0.453 ppbv
RT: 11.082 min Scan# 3411
Delta R.T. -0.055 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

Instrument :
MSVOA_L
ClientSampleId :

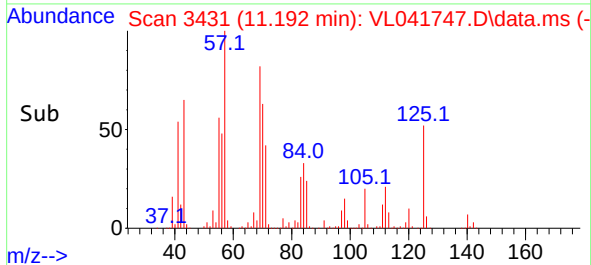
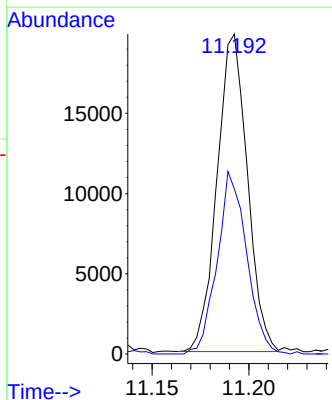
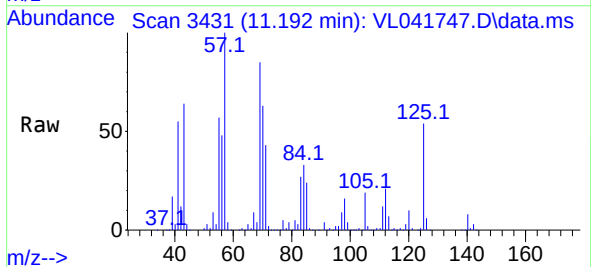


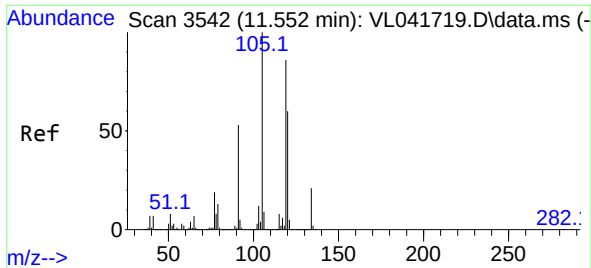
Tgt Ion:105 Resp: 57621
Ion Ratio Lower Upper
105 100
120 45.4 28.0 42.0#
91 21.3 8.8 13.2#
77 22.7 8.5 12.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.209 ppbv
RT: 11.192 min Scan# 3431
Delta R.T. -0.026 min
Lab File: VL041747.D
Acq: 12 Dec 2024 12:37

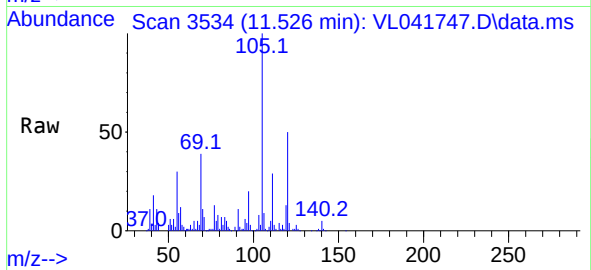
Tgt Ion:105 Resp: 21547
Ion Ratio Lower Upper
105 100
120 52.0 43.6 65.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.350 ppbv
 RT: 11.526 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: VL041747.D
 Acq: 12 Dec 2024 12:37

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	39130
Ion	Ratio	Lower	Upper
105	100		
120	50.1	47.8	71.6
91	9.9	42.5	63.7#
77	10.5	15.4	23.2#

