

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041745.D
 Acq On : 12 Dec 2024 11:36
 Operator : SY/MD
 Sample : P5150-04DL 4X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 14:23:22 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	2.777	49	238287	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	1137631	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	1005470	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	678331	10.262	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.492	85	5366	0.128	ppbv	95
3) Chlorodifluoromethane	1.470	51	5202	0.160	ppbv #	86
4) Chloromethane	1.528	50	1386	0.125	ppbv	98
9) Propene	1.881	41	1719	0.124	ppbv	89
10) Heptane	4.959	43	223015	5.832	ppbv	100
11) Trichlorofluoromethane	1.871	101	2935	0.061	ppbv	88
13) Ethanol	1.716	45	134795	117.815	ppbv	95
15) Acetone	1.829	43	37054	1.347	ppbv	88
16) 1,3-Butadiene	1.593	39	754	0.082	ppbv	84
19) Isopropyl Alcohol	1.881	45	19042	0.729	ppbv #	33
20) Methylene Chloride	2.052	84	3662	0.220	ppbv	96
23) Vinyl Acetate	2.463	43	57709	3.464	ppbv #	53
25) Ethyl Acetate	4.959	43	223015	5.832	ppbv #	100
26) Hexane	2.816	57	99624	2.686	ppbv #	44
30) Cyclohexane	3.842	84	160531	3.855	ppbv	95
34) 2-Butanone	2.554	43	3928	0.099	ppbv	96
36) Benzene	3.641	78	156608	1.751	ppbv	97
39) 1,2-Dichloropropane	3.942	63	186196	6.533	ppbv #	32
41) Tetrahydrofuran	3.217	42	27194	1.133	ppbv #	24
42) Bromodichloromethane	4.502	83	20239	0.388	ppbv #	26
43) Methyl Methacrylate	4.959	69	3508	0.109	ppbv #	1
44) 2,2,4-Trimethylpentane	4.622	57	23379	0.188	ppbv #	46
47) 1,1,2-Trichloroethane	6.444	97	9104	0.240	ppbv #	44
50) 4-Methyl-2-Pentanone	5.755	43	2851	0.050	ppbv	89
51) 2-Hexanone	7.402	43	87555	1.863	ppbv #	17
53) Toluene	6.914	91	874333	7.954	ppbv	100
57) Chlorobenzene	8.852	112	18089	0.198	ppbv #	54
58) Ethyl Benzene	9.344	91	414153	3.078	ppbv	96
59) m/p-Xylene	9.519	91	890417	8.635	ppbv	98
60) o-Xylene	9.953	91	356228	3.485	ppbv	97
62) Isopropylbenzene	10.529	105	71686	0.425	ppbv	93
64) n-propylbenzene	10.982	120	46300	0.932	ppbv	84
65) tert-Butylbenzene	11.529	119	49857	0.312	ppbv #	70
66) Benzyl Chloride	10.982	91	183409	1.600	ppbv #	44
67) sec-Butylbenzene	11.759	105	49454	0.239	ppbv	93
69) p-Isopropyltoluene	11.921	119	20055	0.112	ppbv #	93
70) n-Butylbenzene	12.277	91	51174	0.345	ppbv #	45
71) 2-Chlorotoluene	10.529	91	4191	0.037	ppbv	87
72) 4-Ethyltoluene	11.089	105	401012	3.038	ppbv #	82
73) 1,3,5-Trimethylbenzene	11.196	105	127911	1.198	ppbv	97
74) 1,2,4-Trimethylbenzene	11.529	105	404601	3.485	ppbv #	67
80) Naphthalene,2-methyl-	14.458	142	3073	0.085	ppbv #	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
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Sample : P5150-04DL 4X
Misc :
ALS Vial : 11 Sample Multiplier: 1

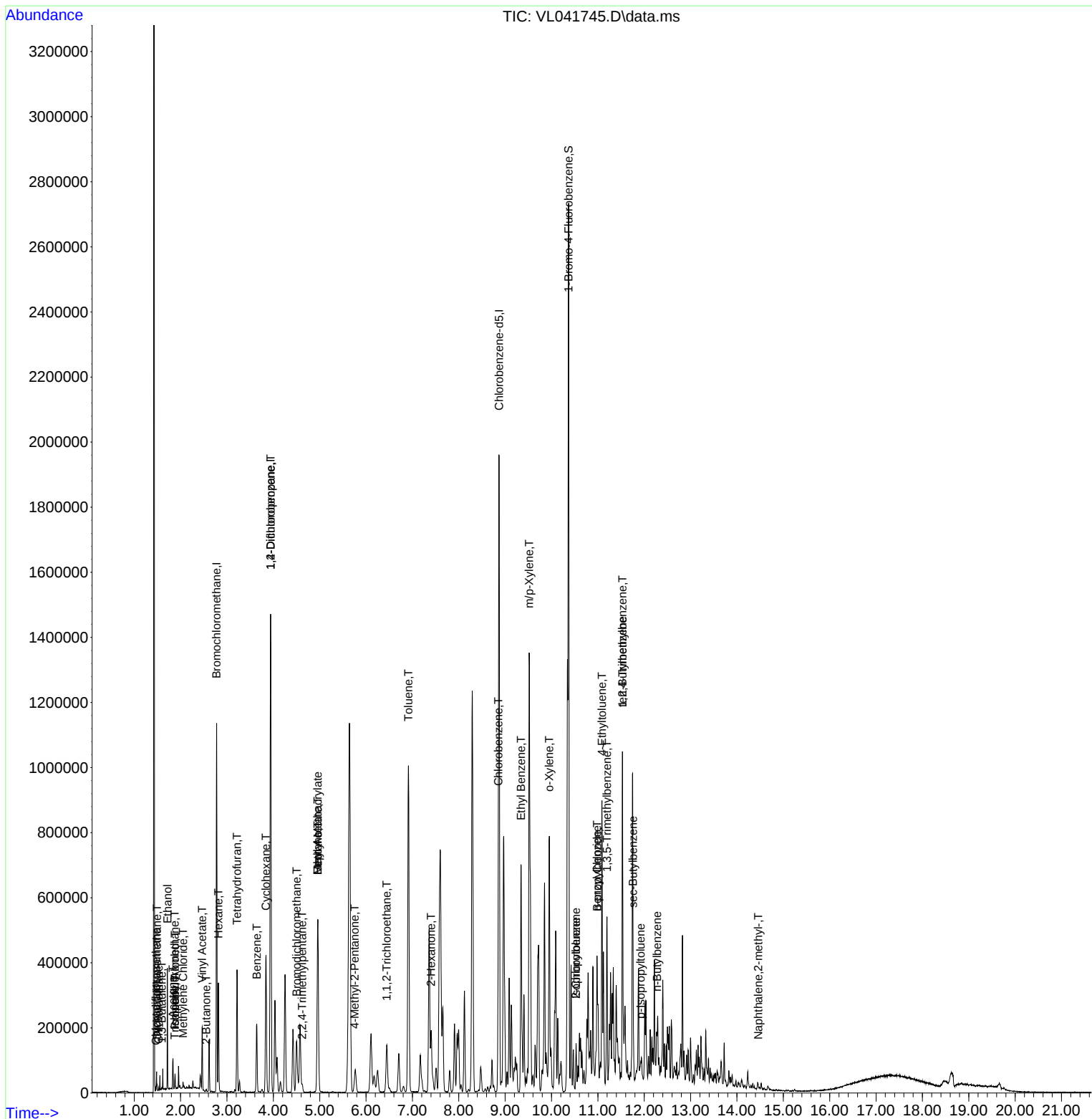
Instrument :
MSVOA_L
ClientSampleId :

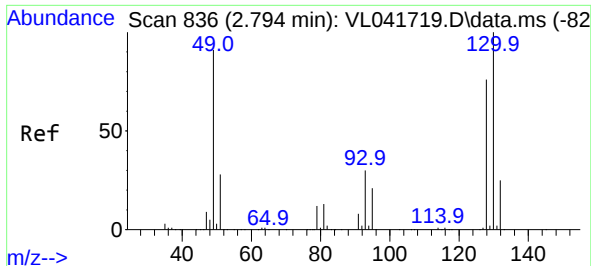
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration

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

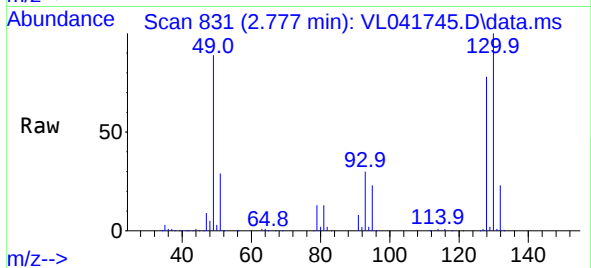
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QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration



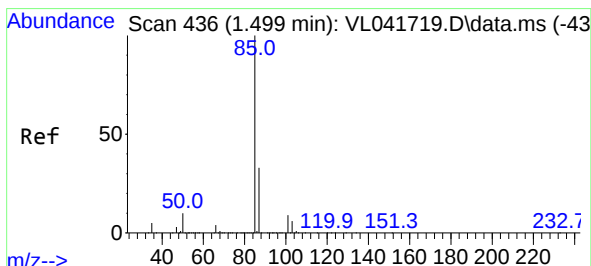
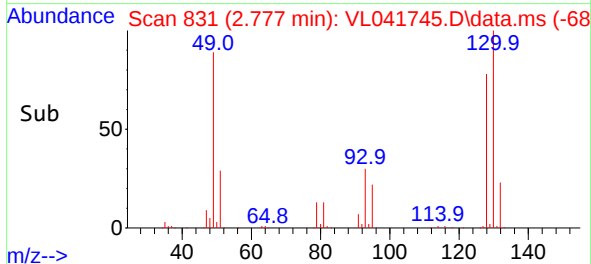
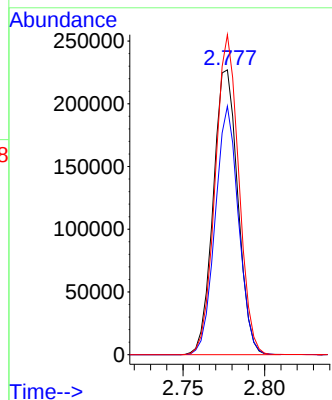


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 81
Delta R.T. -0.017 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :

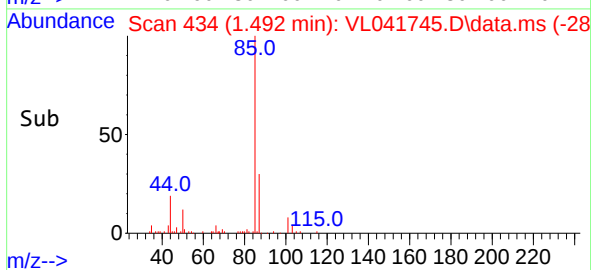
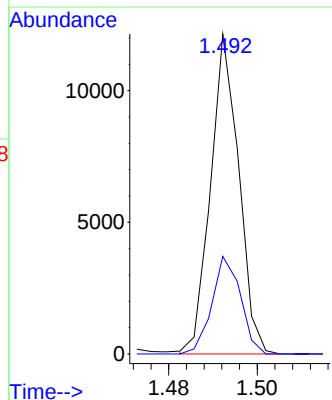
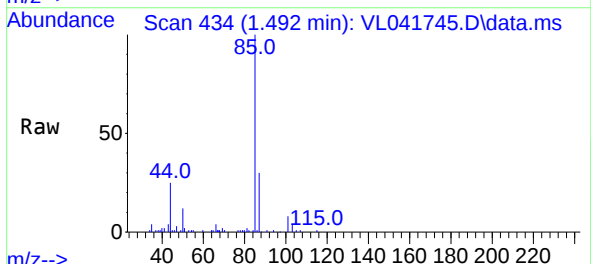


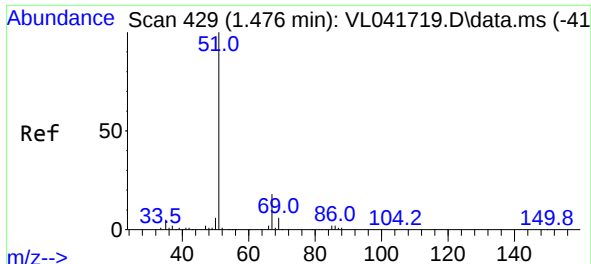
Tgt Ion: 49 Resp: 238287
Ion Ratio Lower Upper
49 100
128 82.6 42.8 128.3
130 107.4 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 0.128 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.007 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 85 Resp: 5366
Ion Ratio Lower Upper
85 100
87 30.5 26.6 39.8

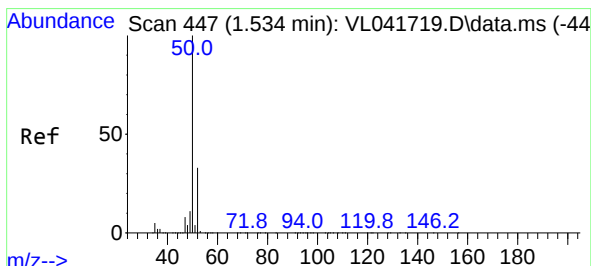
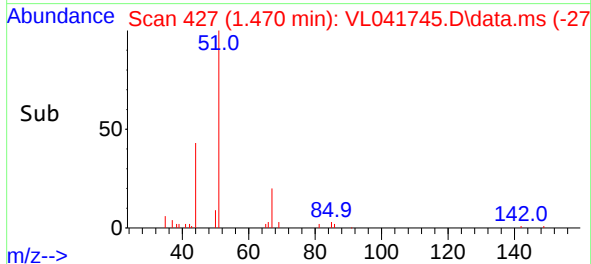
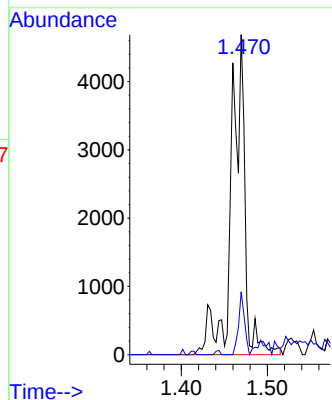
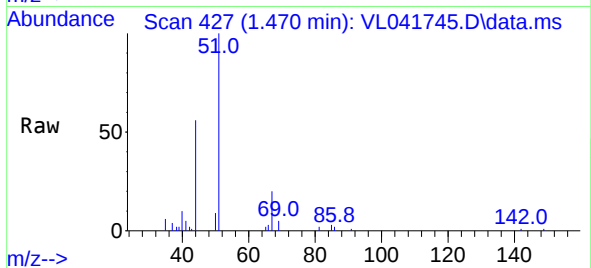




#3
Chlorodifluoromethane
Concen: 0.160 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

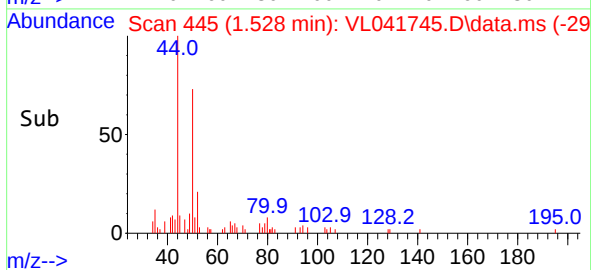
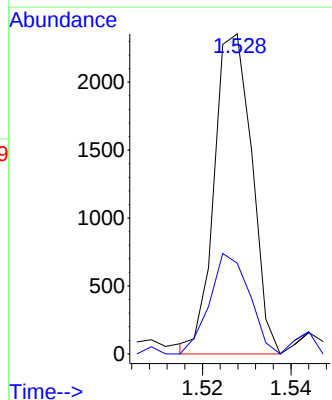
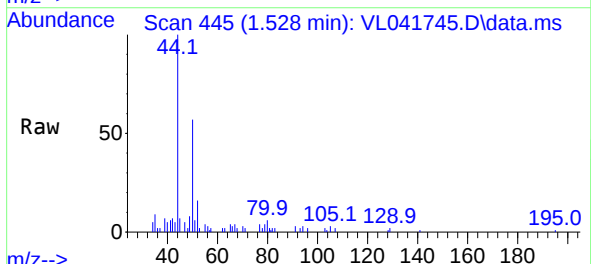
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ClientSampleId :

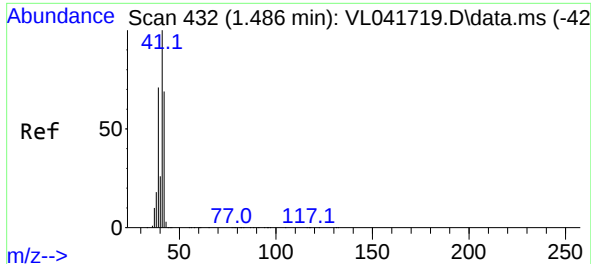
Tgt Ion: 51 Resp: 5202
Ion Ratio Lower Upper
51 100
67 12.1 14.6 21.8#



#4
Chloromethane
Concen: 0.125 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.007 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 50 Resp: 1386
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0

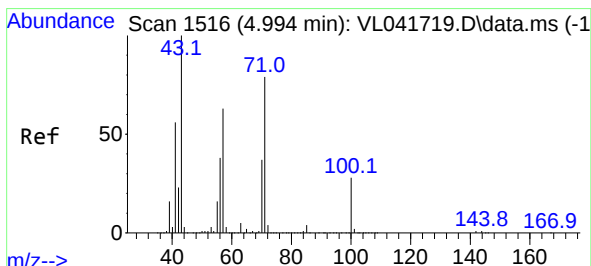
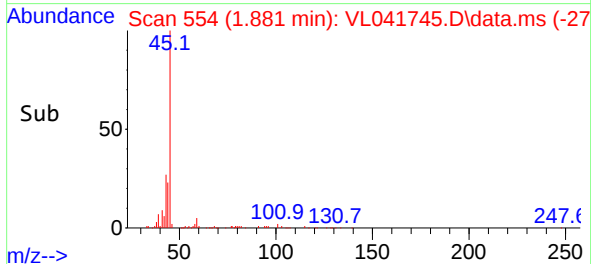
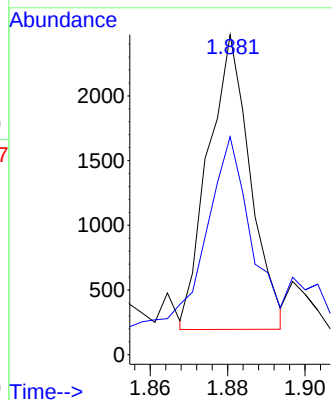
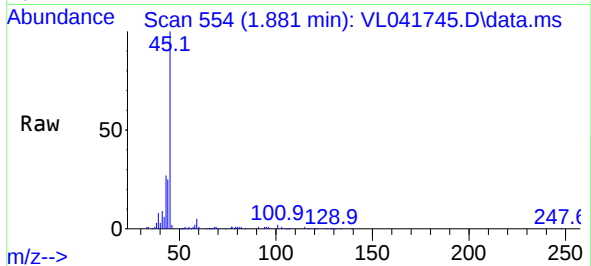




#9
Propene
Concen: 0.124 ppbv
RT: 1.881 min Scan# 51
Delta R.T. 0.395 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

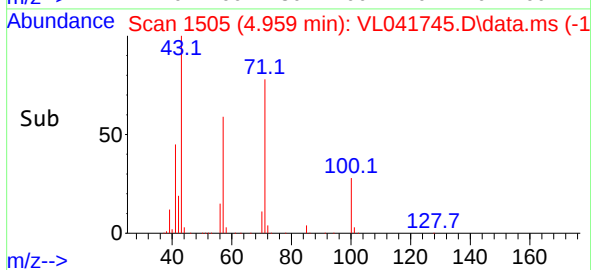
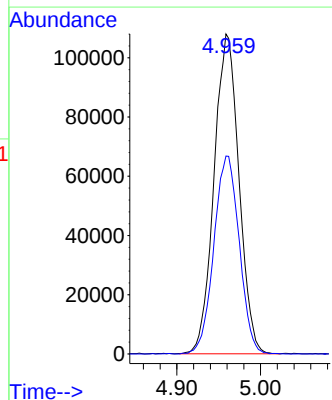
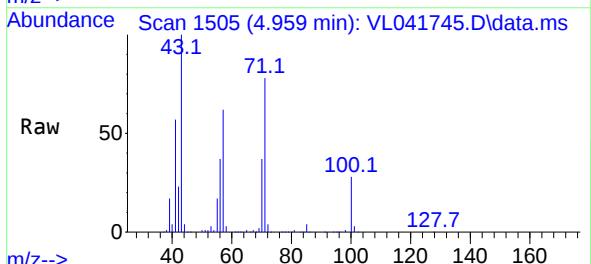
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ClientSampleId :

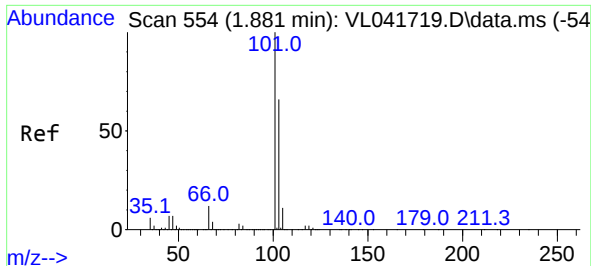
Tgt Ion: 41 Resp: 1719
Ion Ratio Lower Upper
41 100
42 79.3 56.2 84.4



#10
Heptane
Concen: 5.832 ppbv
RT: 4.959 min Scan# 1505
Delta R.T. -0.036 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 43 Resp: 223015
Ion Ratio Lower Upper
43 100
57 63.1 50.5 75.7

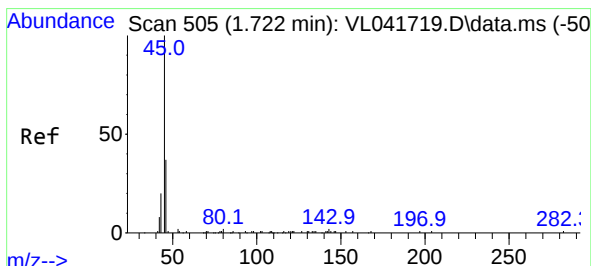
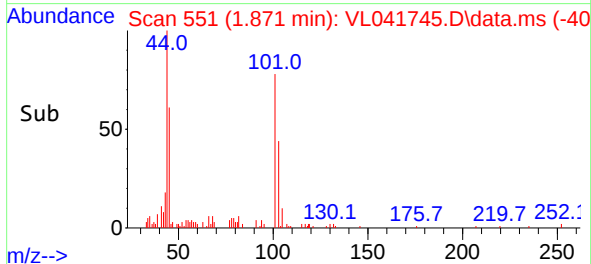
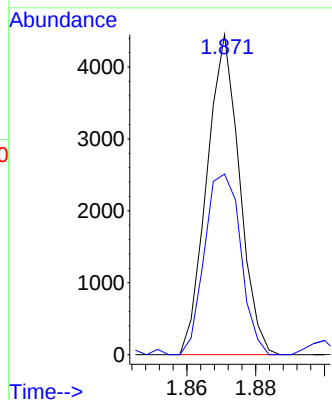
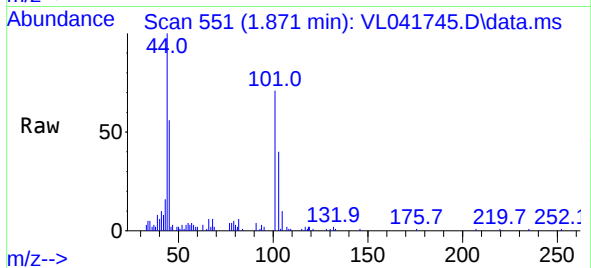




#11
Trichlorofluoromethane
Concen: 0.061 ppbv
RT: 1.871 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

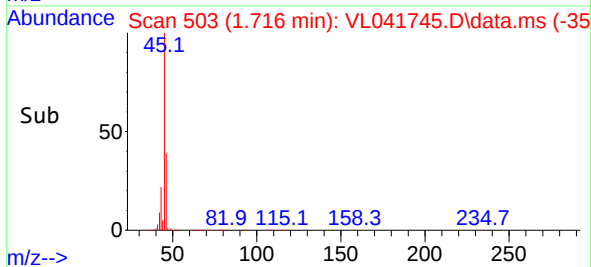
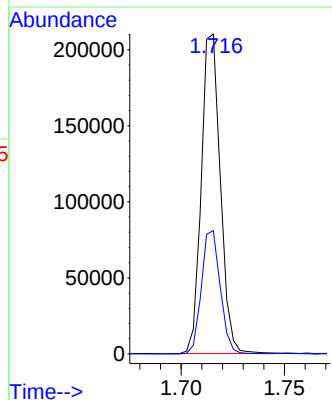
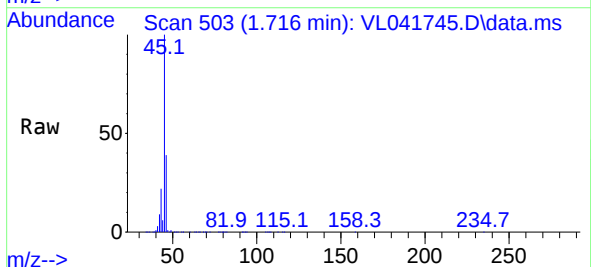
Instrument :
MSVOA_L
ClientSampleId :

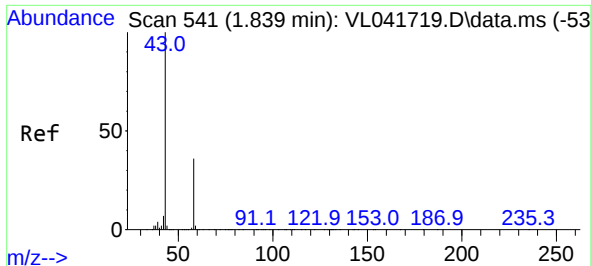
Tgt Ion:101 Resp: 2935
Ion Ratio Lower Upper
101 100
103 56.4 52.7 79.1



#13
Ethanol
Concen: 117.815 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.007 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 45 Resp: 134795
Ion Ratio Lower Upper
45 100
46 38.6 16.6 66.6

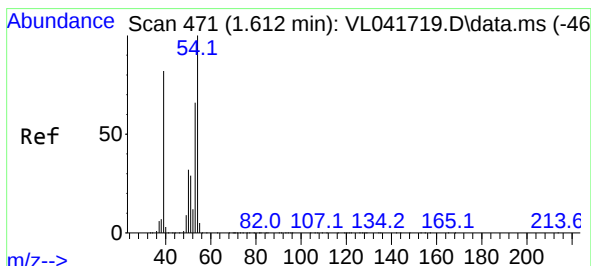
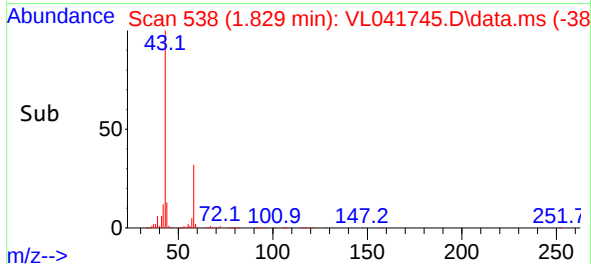
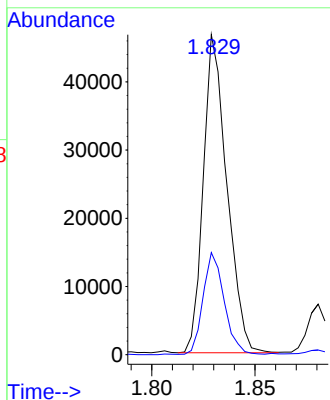
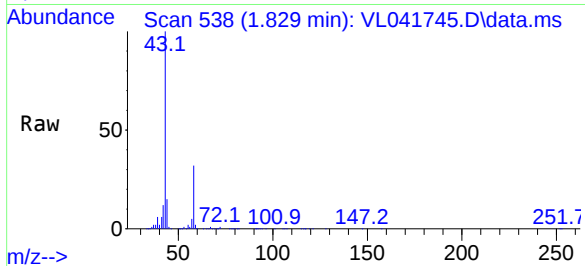




#15
Acetone
Concen: 1.347 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

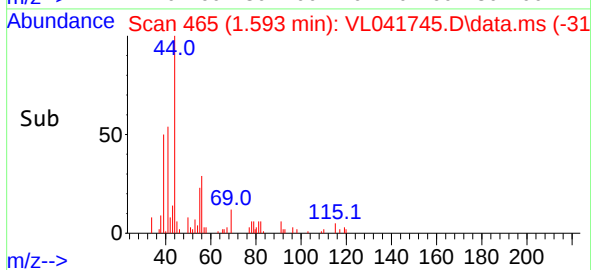
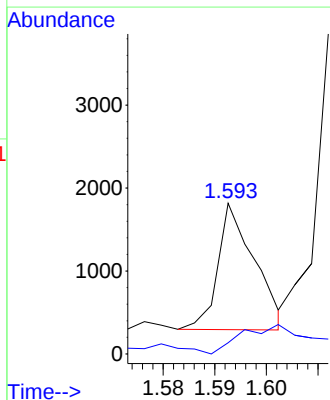
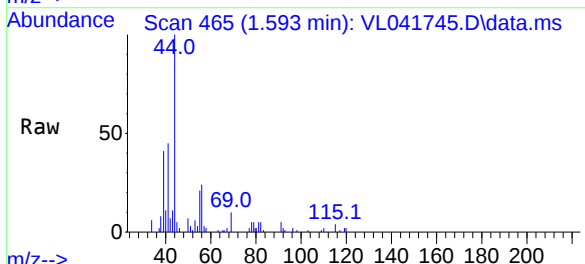
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ClientSampleId :

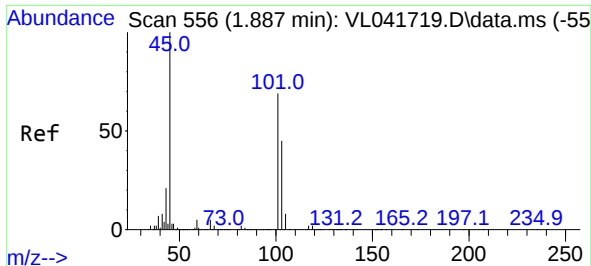
Tgt Ion: 43 Resp: 37054
Ion Ratio Lower Upper
43 100
58 29.1 28.9 43.3



#16
1,3-Butadiene
Concen: 0.082 ppbv
RT: 1.593 min Scan# 465
Delta R.T. -0.020 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 39 Resp: 754
Ion Ratio Lower Upper
39 100
54 89.5 85.0 127.6

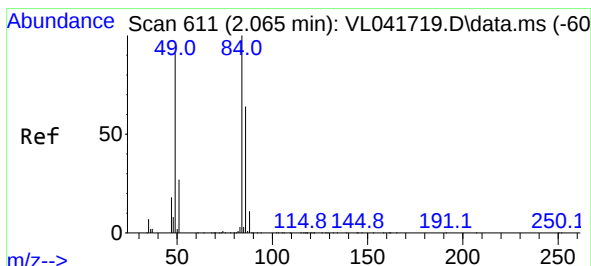
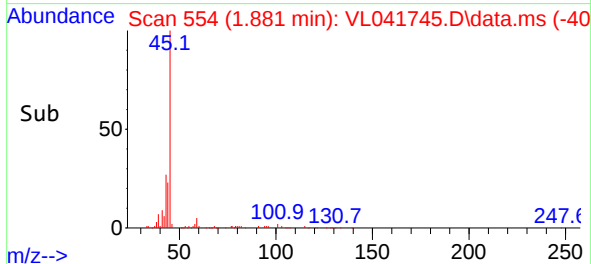
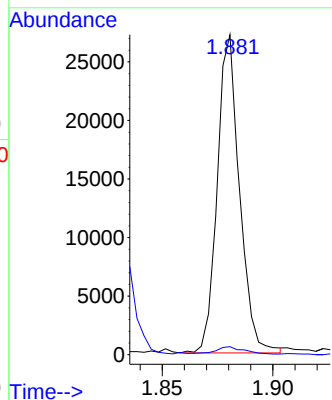
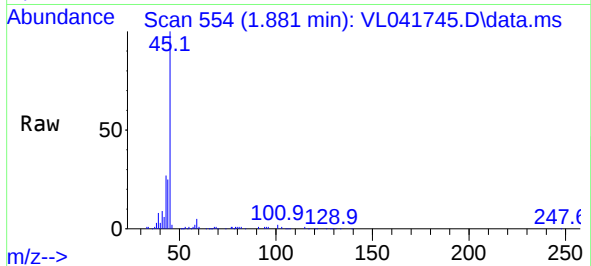




#19
Isopropyl Alcohol
Concen: 0.729 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

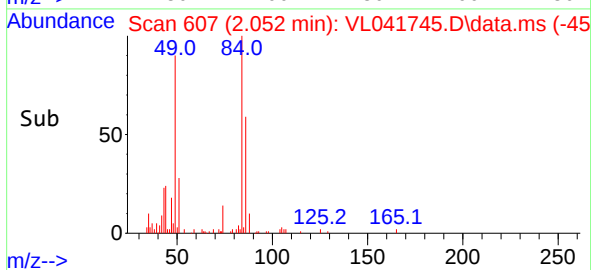
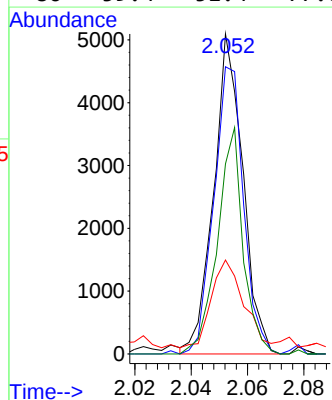
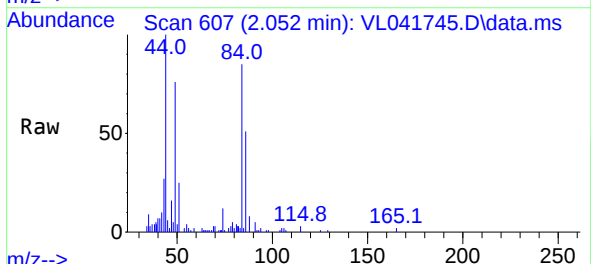
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MSVOA_L
ClientSampleId :

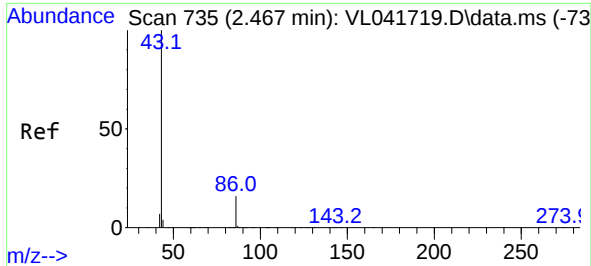
Tgt Ion: 45 Resp: 19042
Ion Ratio Lower Upper
45 100
58 4.2 40.6 61.0#



#20
Methylene Chloride
Concen: 0.220 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.013 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

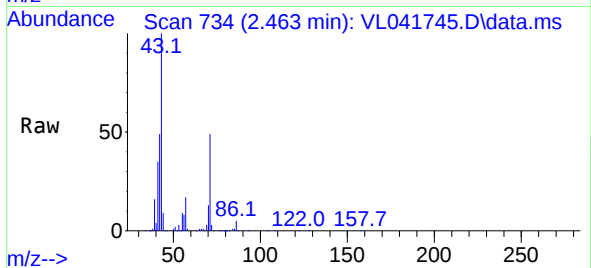
Tgt Ion: 84 Resp: 3662
Ion Ratio Lower Upper
84 100
49 89.7 73.6 110.4
51 27.4 22.7 34.1
86 59.4 51.4 77.0



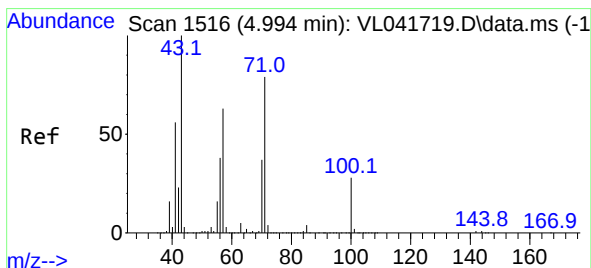
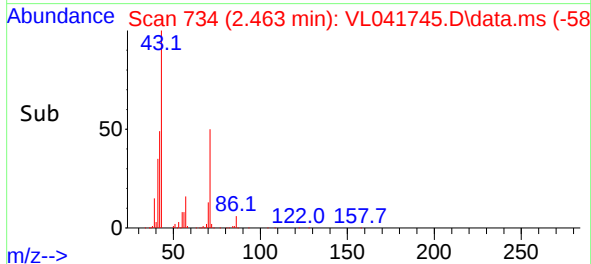
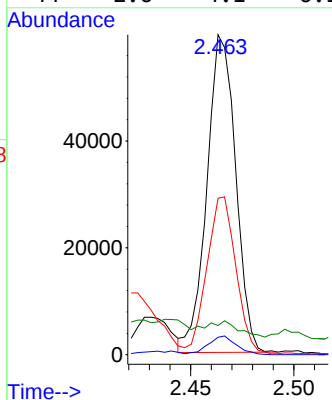


#23
Vinyl Acetate
Concen: 3.464 ppbv
RT: 2.463 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :

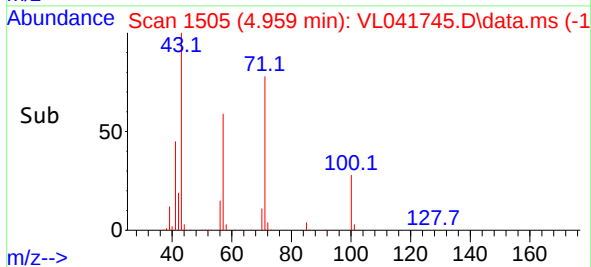
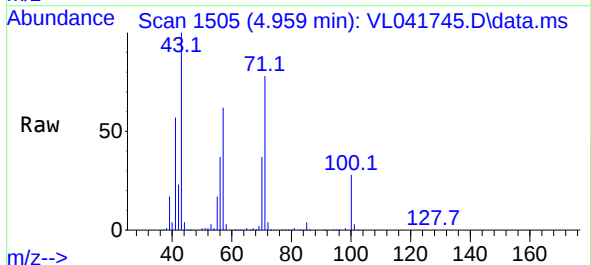
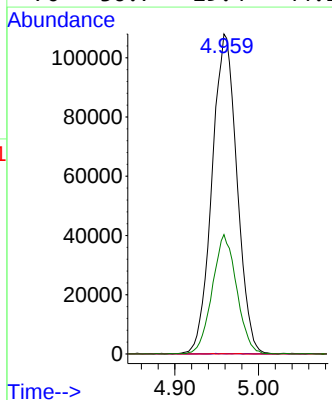


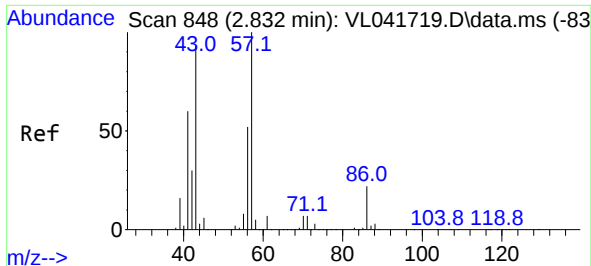
Tgt Ion: 43 Resp: 57709
Ion Ratio Lower Upper
43 100
86 5.5 11.5 17.3#
42 49.0 6.6 10.0#
44 2.6 4.1 6.1#



#25
Ethyl Acetate
Concen: 5.832 ppbv
RT: 4.959 min Scan# 1505
Delta R.T. -0.036 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

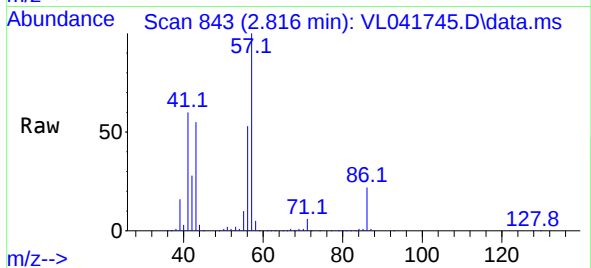
Tgt Ion: 43 Resp: 223015
Ion Ratio Lower Upper
43 100
45 0.1 0.0 0.0#
61 0.1 0.4 0.6#
70 36.7 29.4 44.2



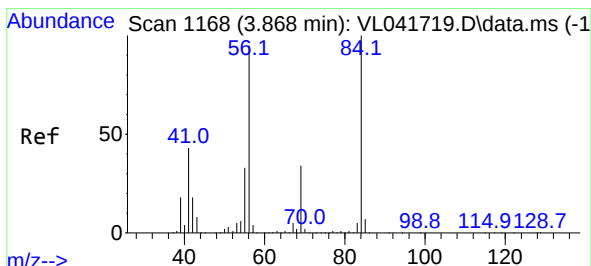
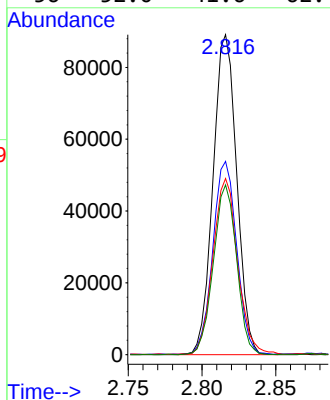
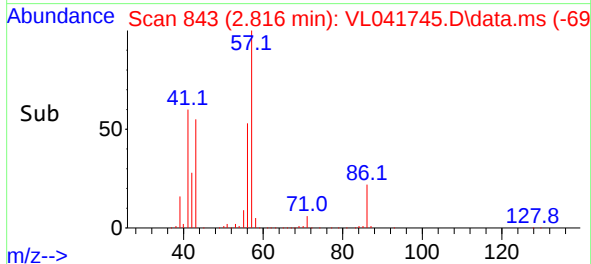


#26
Hexane
Concen: 2.686 ppbv
RT: 2.816 min Scan# 84
Delta R.T. -0.016 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :

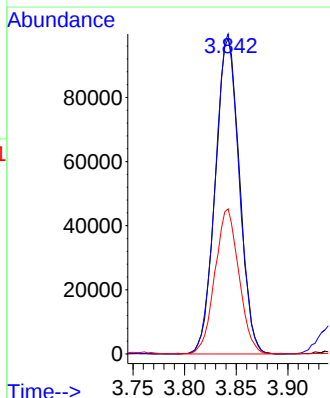
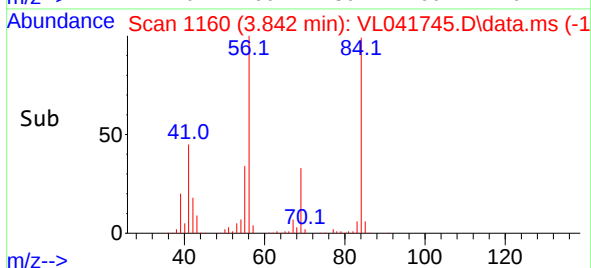
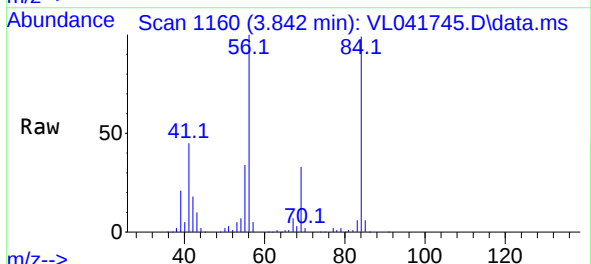


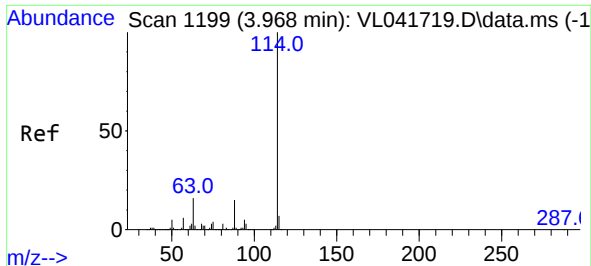
Tgt Ion: 57 Resp: 99624
Ion Ratio Lower Upper
57 100
41 61.2 49.5 74.3
43 57.6 150.6 225.8#
56 52.0 41.6 62.4



#30
Cyclohexane
Concen: 3.855 ppbv
RT: 3.842 min Scan# 1160
Delta R.T. -0.026 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

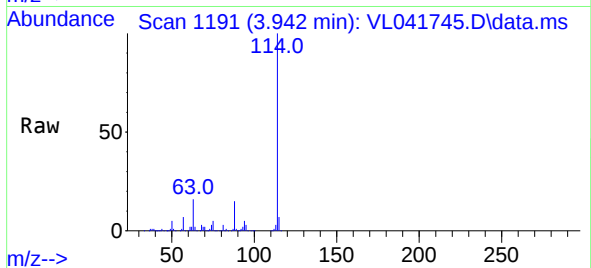
Tgt Ion: 84 Resp: 160531
Ion Ratio Lower Upper
84 100
56 99.5 76.0 114.0
41 45.5 34.2 51.4



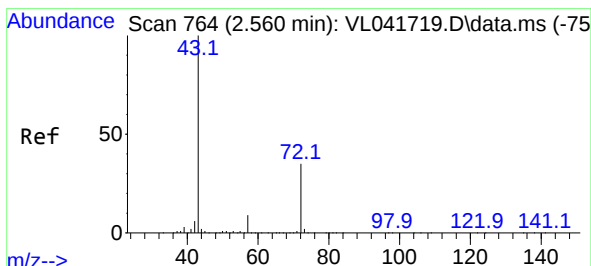
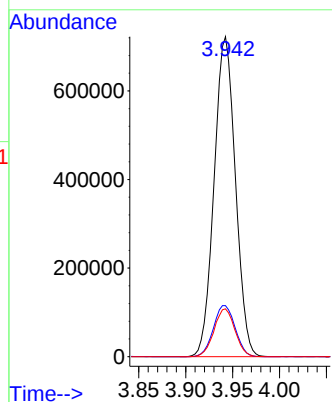
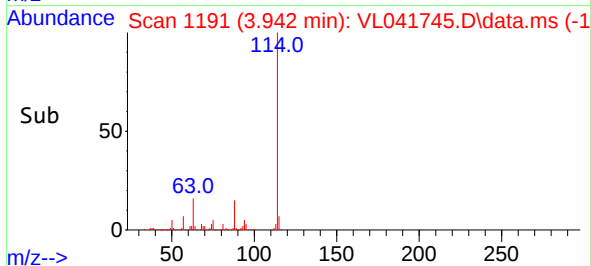


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.942 min Scan# 1191
Delta R.T. -0.026 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :

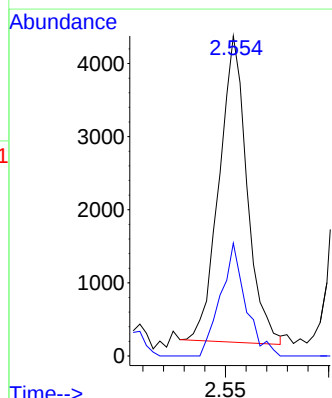
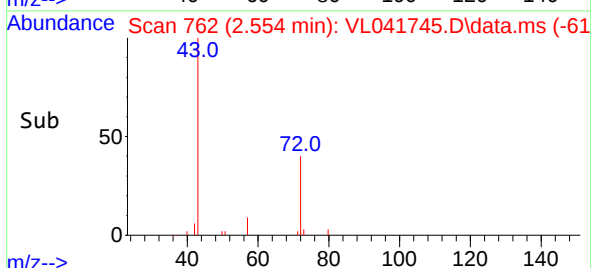
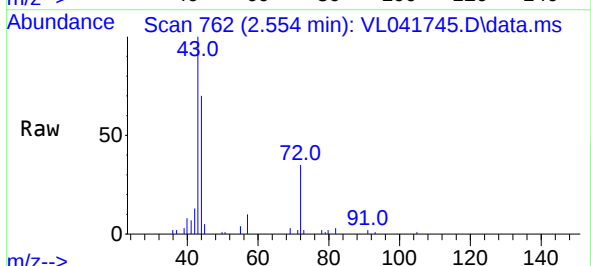


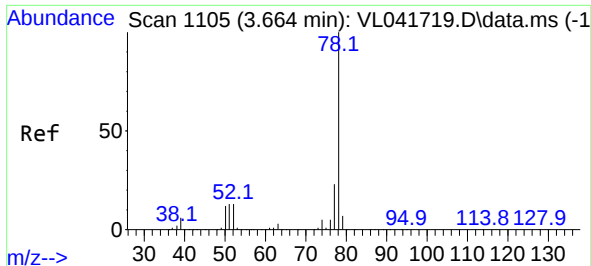
Tgt Ion:114 Resp: 1137631
Ion Ratio Lower Upper
114 100
63 16.4 12.9 19.3
88 14.8 11.8 17.6



#34
2-Butanone
Concen: 0.099 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.007 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 43 Resp: 3928
Ion Ratio Lower Upper
43 100
72 33.2 28.3 42.5

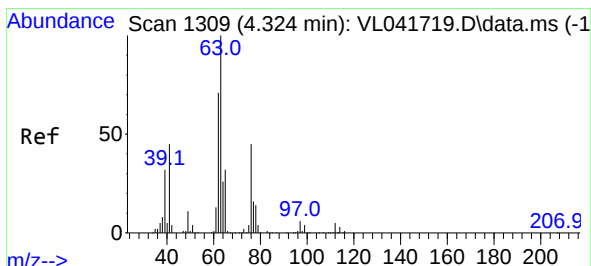
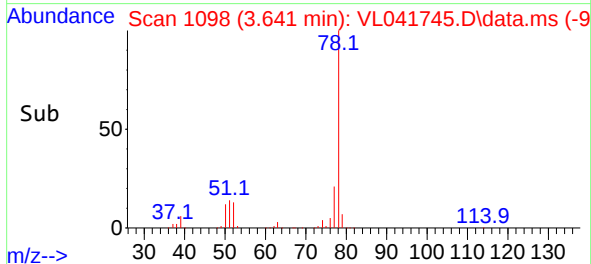
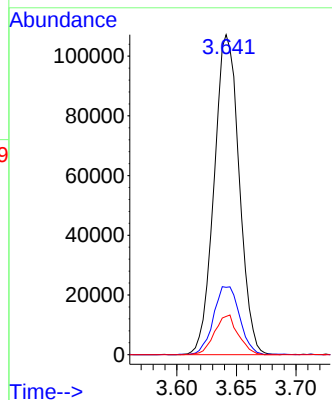
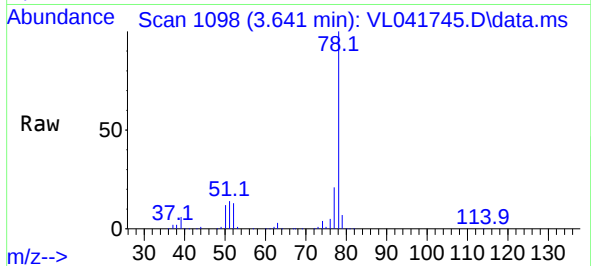




#36
Benzene
Concen: 1.751 ppbv
RT: 3.641 min Scan# 1105
Delta R.T. -0.023 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

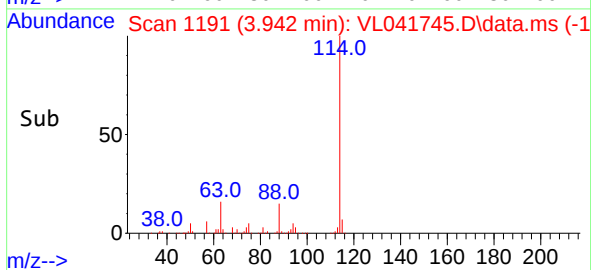
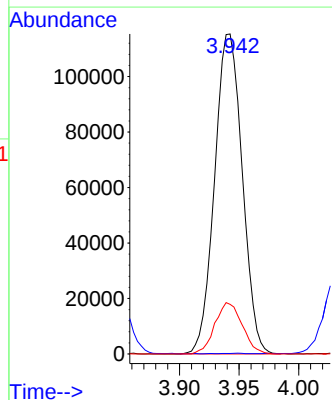
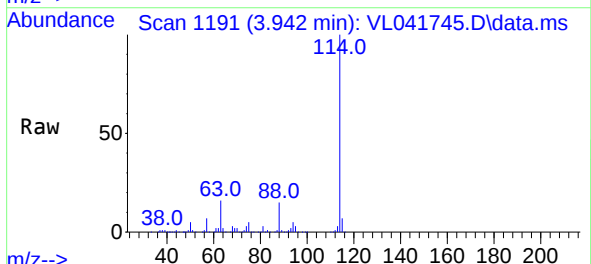
Instrument :
MSVOA_L
ClientSampleId :

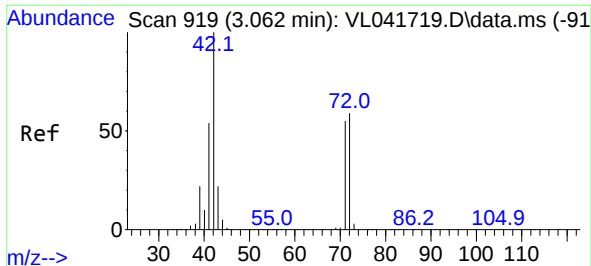
Tgt Ion: 78 Resp: 156608
Ion Ratio Lower Upper
78 100
77 20.9 18.6 27.8
50 11.9 9.5 14.3



#39
1,2-Dichloropropane
Concen: 6.533 ppbv
RT: 3.942 min Scan# 1191
Delta R.T. -0.382 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

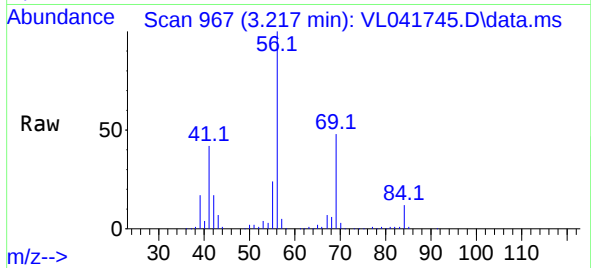
Tgt Ion: 63 Resp: 186196
Ion Ratio Lower Upper
63 100
41 0.1 36.4 54.6#
62 15.5 56.6 85.0#



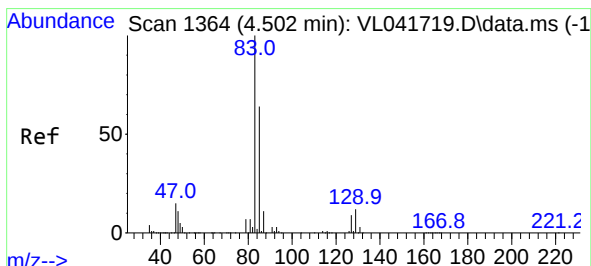
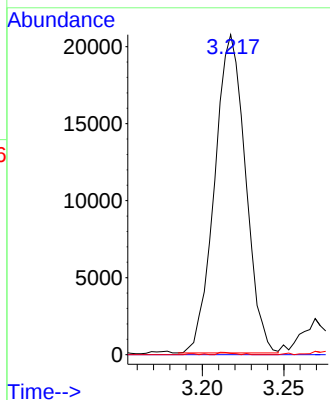
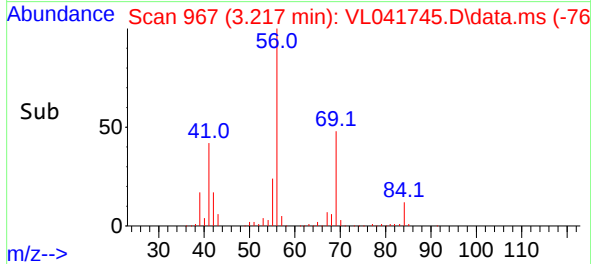


#41
Tetrahydrofuran
Concen: 1.133 ppbv
RT: 3.217 min Scan# 919
Delta R.T. 0.155 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

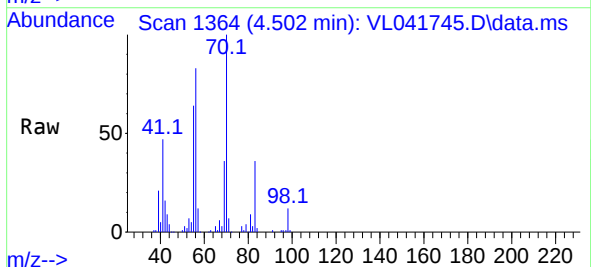
Instrument :
MSVOA_L
ClientSampleId :



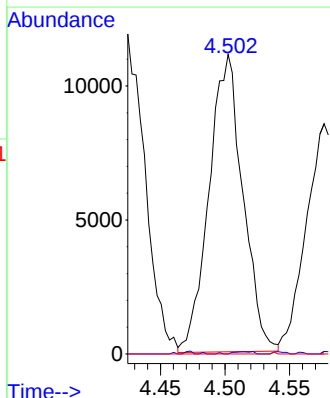
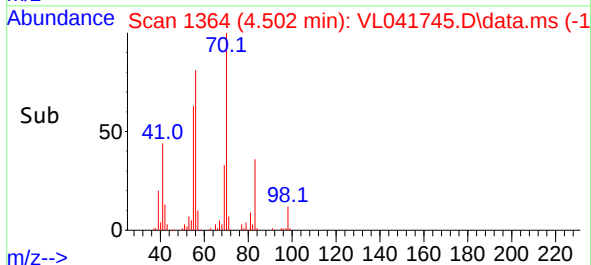
Tgt Ion: 42 Resp: 27194
Ion Ratio Lower Upper
42 100
72 1.0 47.4 71.0#
71 1.1 44.4 66.6#

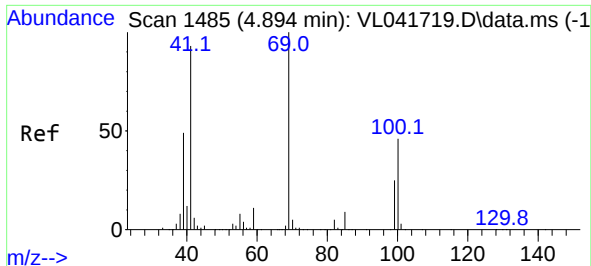


#42
Bromodichloromethane
Concen: 0.388 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36



Tgt Ion: 83 Resp: 20239
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#
127 0.0 7.6 11.4#





#43

Methyl Methacrylate

Concen: 0.109 ppbv

RT: 4.959 min Scan# 11

Delta R.T. 0.065 min

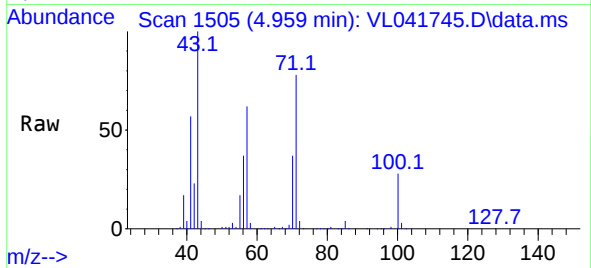
Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

Instrument :

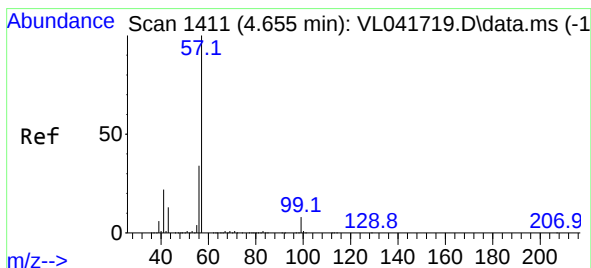
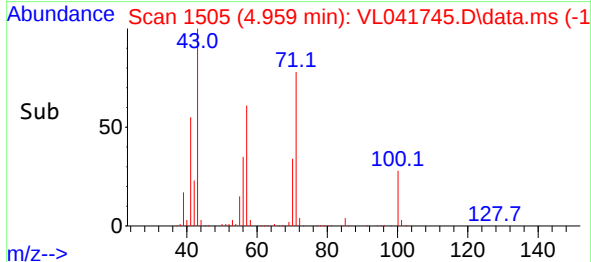
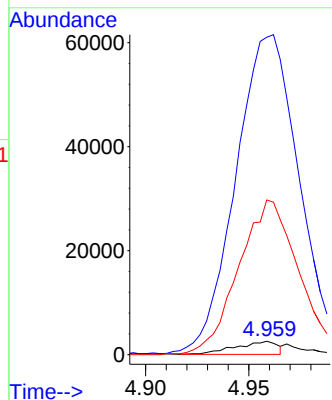
MSVOA_L

ClientSampleId :



Tgt Ion: 69 Resp: 3508

Ion	Ratio	Lower	Upper
69	100		
41	3826.4	74.6	112.0#
100	1714.8	35.5	53.3#



#44

2,2,4-Trimethylpentane

Concen: 0.188 ppbv

RT: 4.622 min Scan# 1401

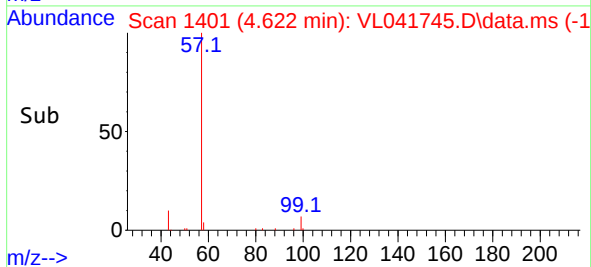
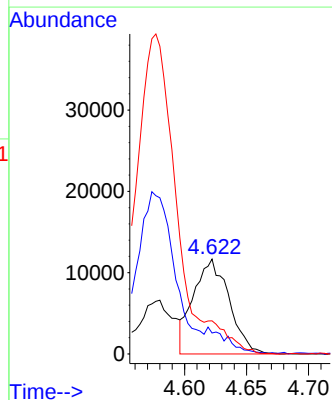
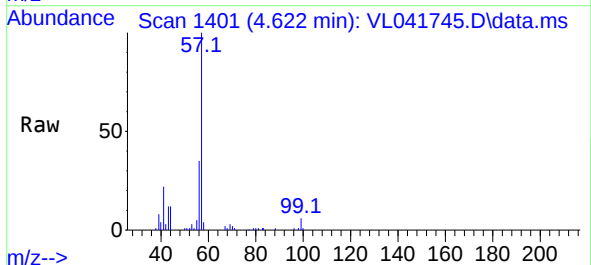
Delta R.T. -0.033 min

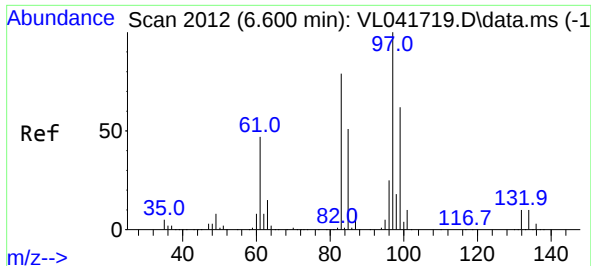
Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

Tgt Ion: 57 Resp: 23379

Ion	Ratio	Lower	Upper
57	100		
41	0.0	17.2	25.8#
56	0.0	26.6	40.0#





#47

1,1,2-Trichloroethane

Concen: 0.240 ppbv

RT: 6.444 min Scan# 1964

Delta R.T. -0.156 min

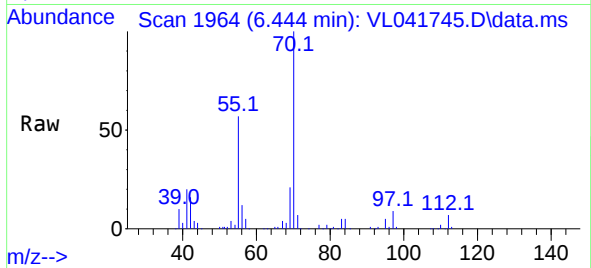
Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

Instrument :

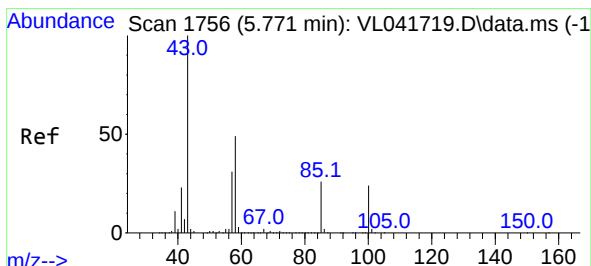
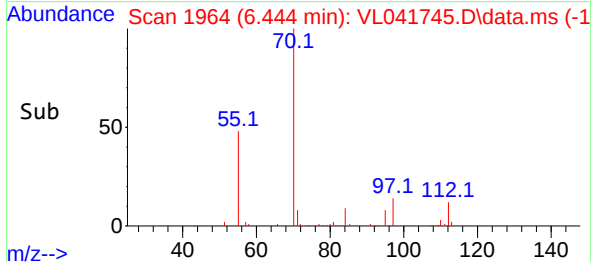
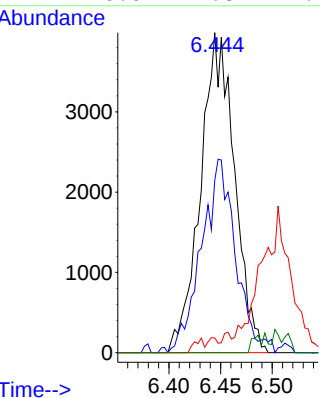
MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 9104

Ion	Ratio	Lower	Upper
97	100		
83	53.9	63.0	94.4#
85	4.6	41.0	61.6#
99	0.0	49.8	74.6#



#50

4-Methyl-2-Pentanone

Concen: 0.050 ppbv

RT: 5.755 min Scan# 1751

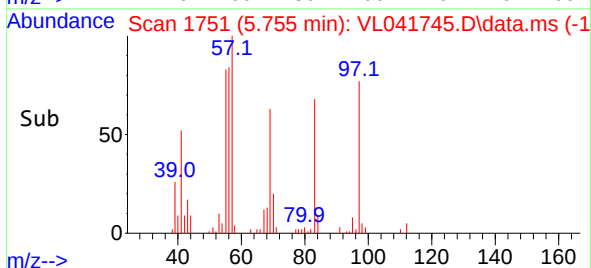
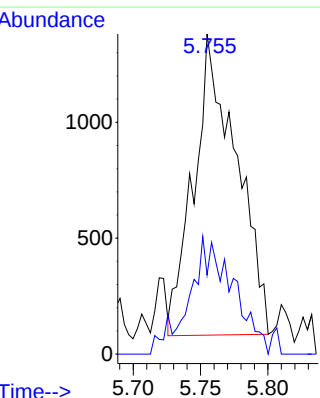
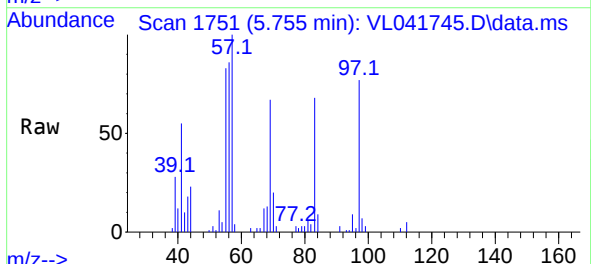
Delta R.T. -0.016 min

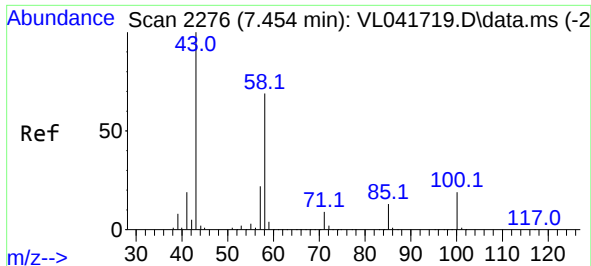
Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

Tgt Ion: 43 Resp: 2851

Ion	Ratio	Lower	Upper
43	100		
58	41.4	38.9	58.3

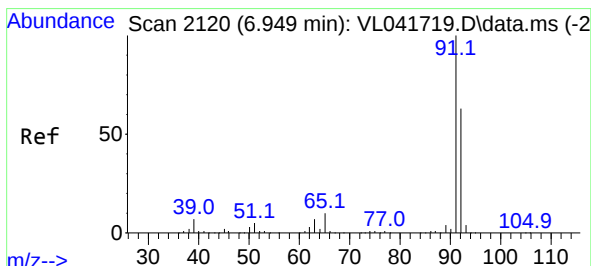
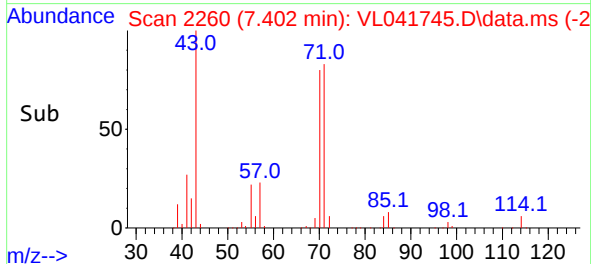
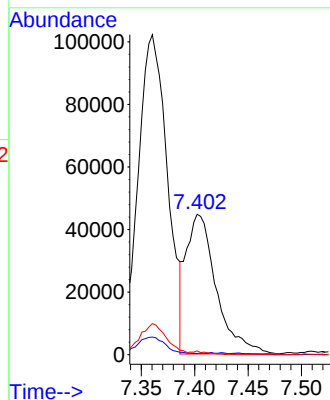
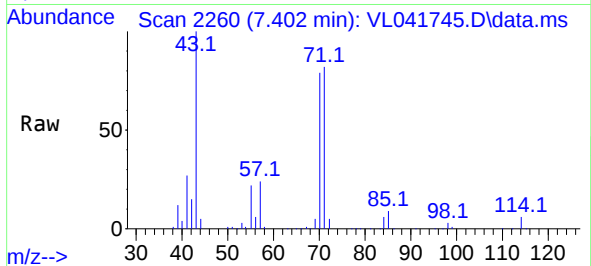




#51
2-Hexanone
Concen: 1.863 ppbv
RT: 7.402 min Scan# 2109
Delta R.T. -0.052 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

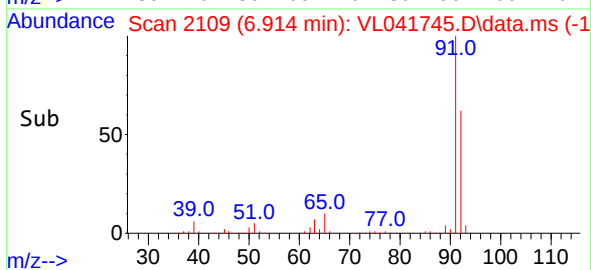
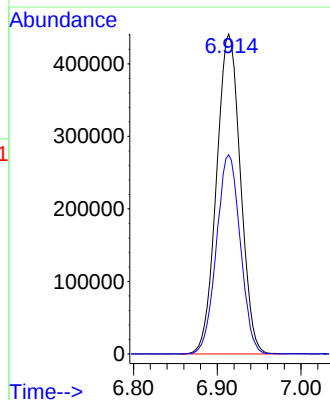
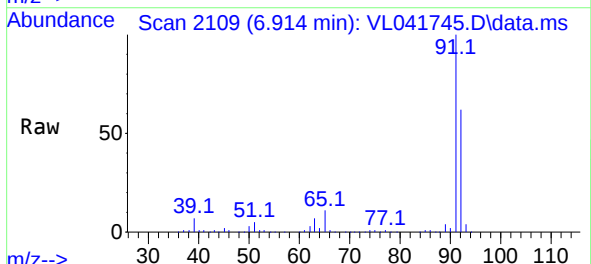
Instrument :
MSVOA_L
ClientSampleId :

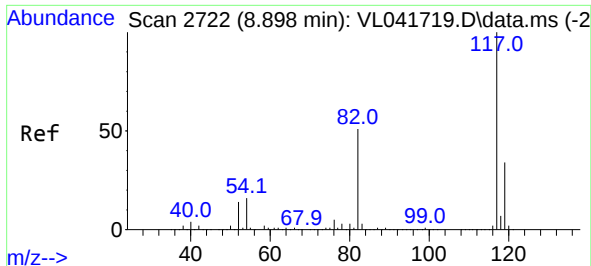
Tgt Ion: 43 Resp: 87555
Ion Ratio Lower Upper
43 100
58 0.7 54.2 81.4#
98 0.0 0.2 0.2#



#53
Toluene
Concen: 7.954 ppbv
RT: 6.914 min Scan# 2109
Delta R.T. -0.036 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 91 Resp: 874333
Ion Ratio Lower Upper
91 100
92 62.1 49.7 74.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.869 min Scan# 21

Delta R.T. -0.029 min

Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

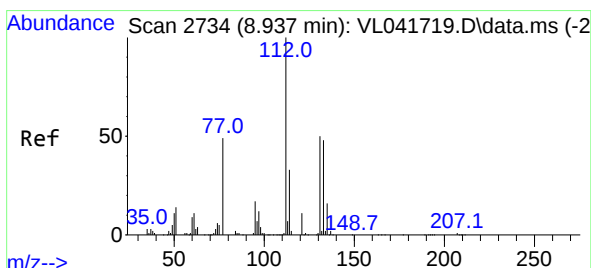
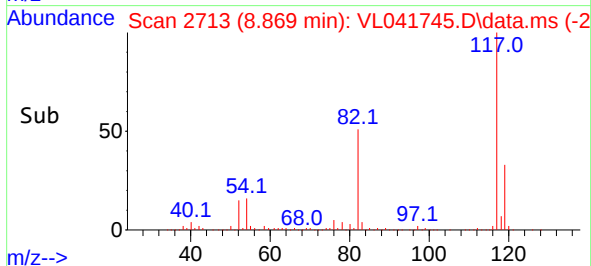
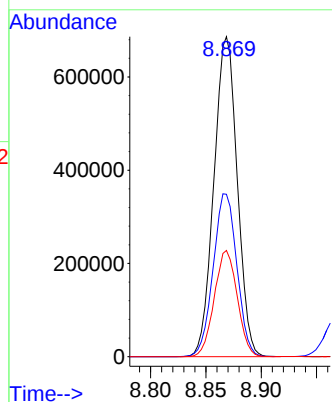
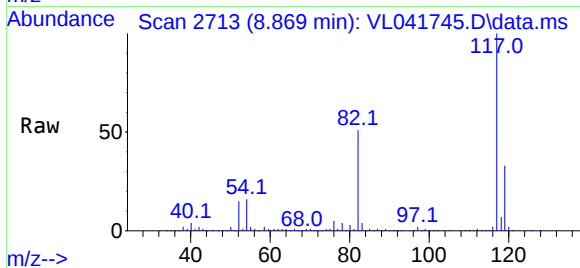
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:117 Resp: 1005470

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.3	61.9
119	32.8	25.8	38.8



#57

Chlorobenzene

Concen: 0.198 ppbv

RT: 8.852 min Scan# 2708

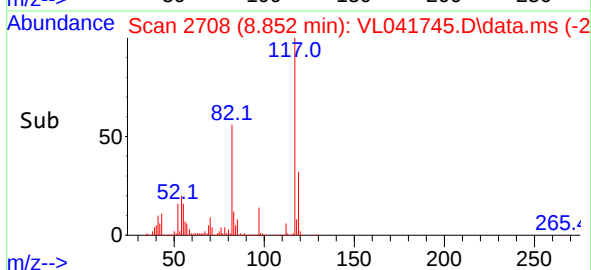
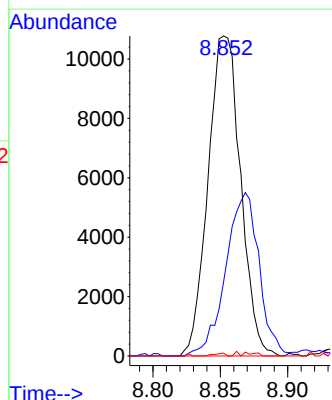
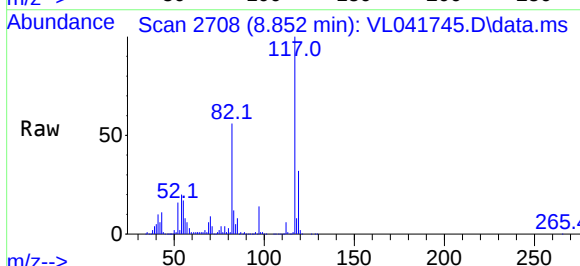
Delta R.T. -0.084 min

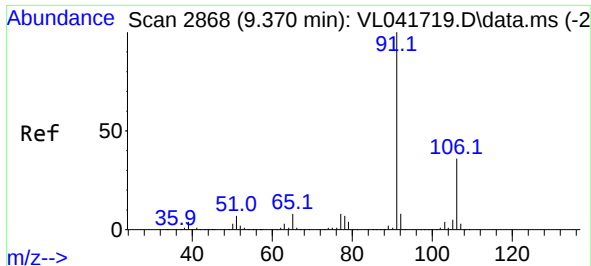
Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

Tgt Ion:112 Resp: 18089

Ion	Ratio	Lower	Upper
112	100		
77	23.1	40.1	60.1#
114	0.9	30.2	36.9#





#58

Ethyl Benzene

Concen: 3.078 ppbv

RT: 9.344 min Scan# 2914

Delta R.T. -0.026 min

Lab File: VL041745.D

Acq: 12 Dec 2024 11:36

Instrument :

MSVOA_L

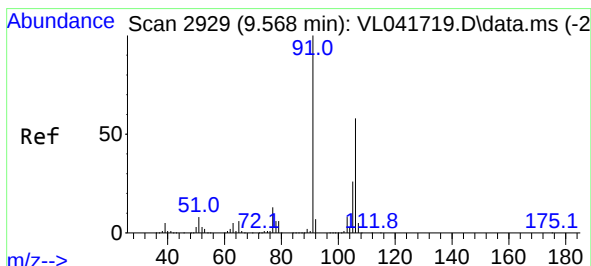
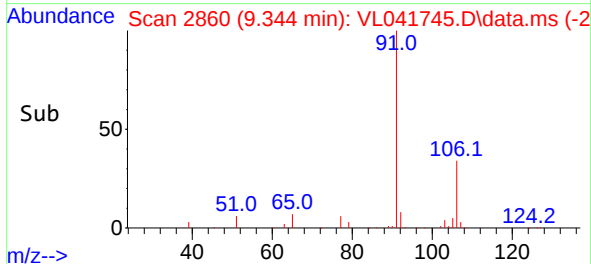
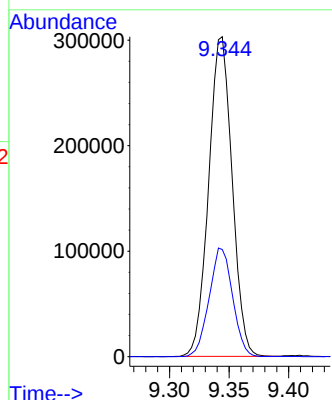
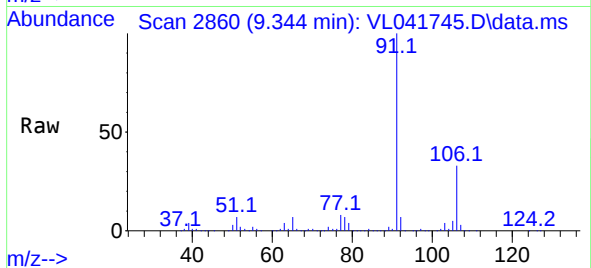
ClientSampleId :

Tgt Ion: 91 Resp: 414153

Ion Ratio Lower Upper

91 100

106 33.5 28.6 43.0



#59

m/p-Xylene

Concen: 8.635 ppbv

RT: 9.519 min Scan# 2914

Delta R.T. -0.049 min

Lab File: VL041745.D

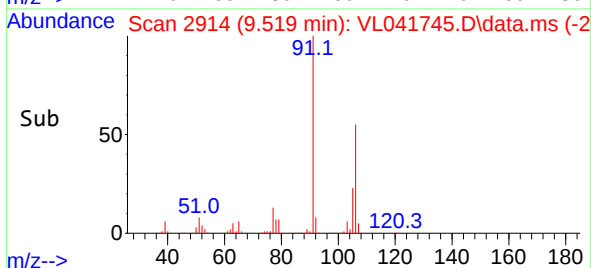
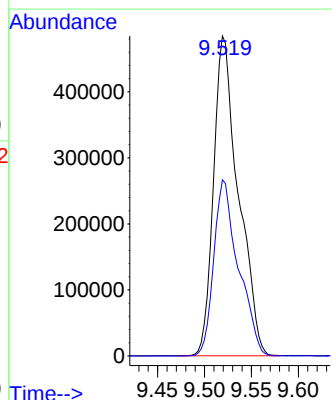
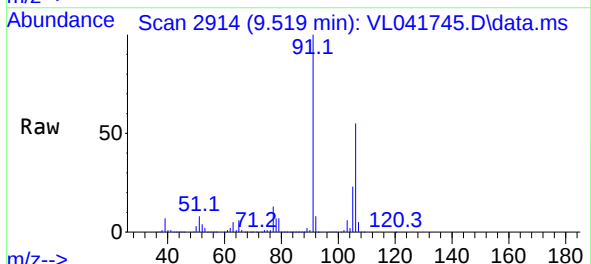
Acq: 12 Dec 2024 11:36

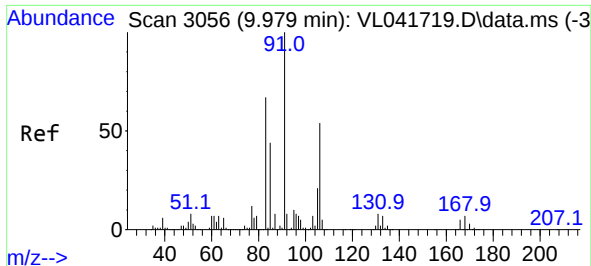
Tgt Ion: 91 Resp: 890417

Ion Ratio Lower Upper

91 100

106 54.6 45.1 67.7

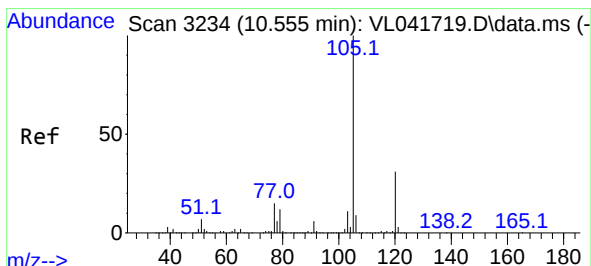
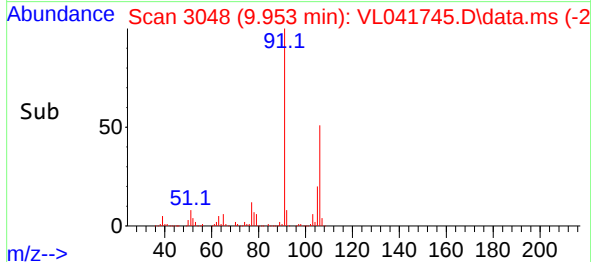
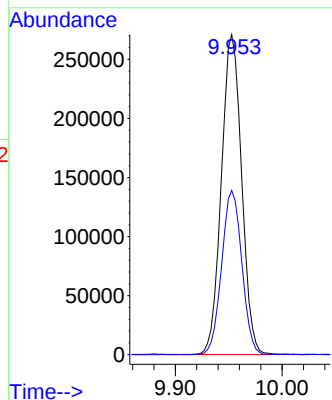
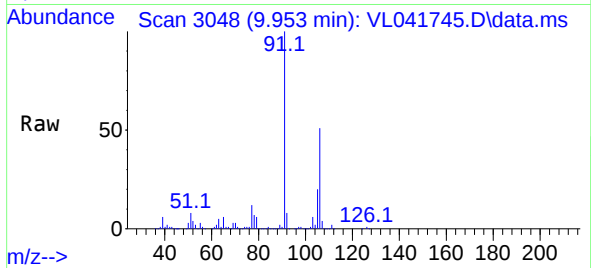




#60
o-Xylene
Concen: 3.485 ppbv
RT: 9.953 min Scan# 3056
Delta R.T. -0.026 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

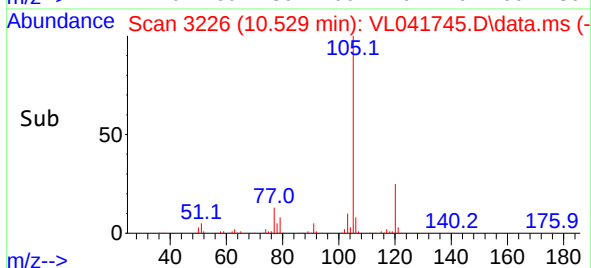
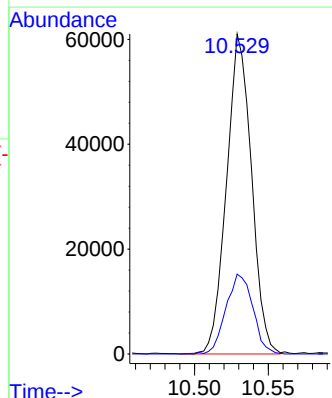
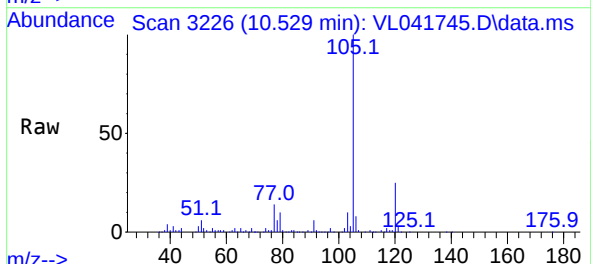
Instrument :
MSVOA_L
ClientSampleId :

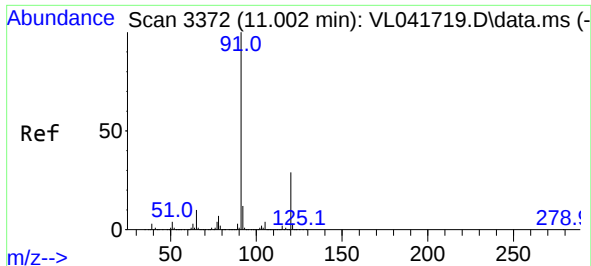
Tgt Ion: 91 Resp: 356228
Ion Ratio Lower Upper
91 100
106 51.2 26.8 80.4



#62
Isopropylbenzene
Concen: 0.425 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.026 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion:105 Resp: 71686
Ion Ratio Lower Upper
105 100
120 26.8 24.3 36.5

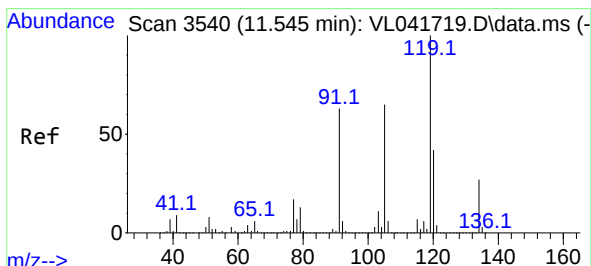
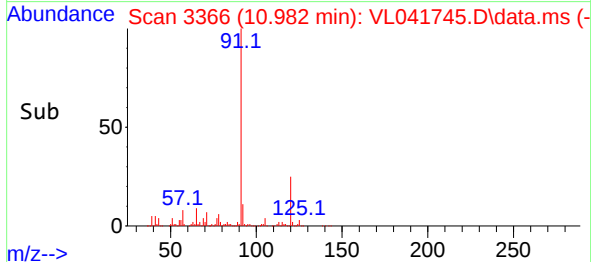
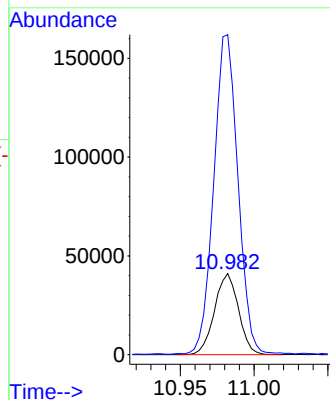
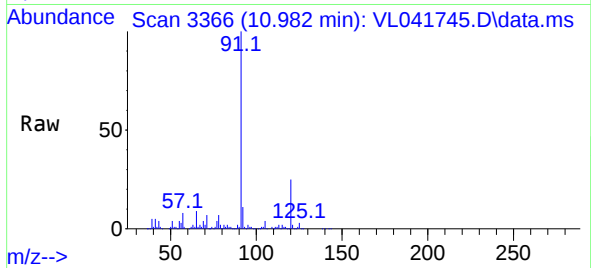




#64
n-propylbenzene
Concen: 0.932 ppbv
RT: 10.982 min Scan# 31
Delta R.T. -0.020 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

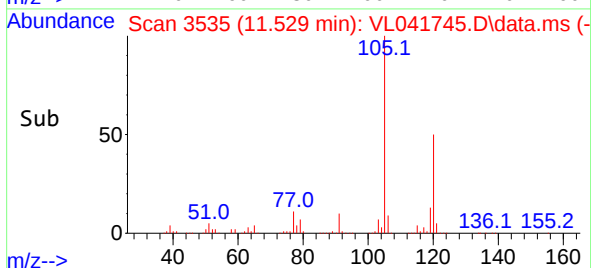
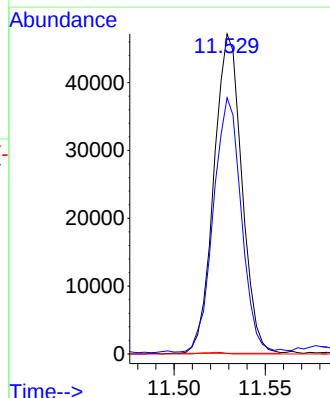
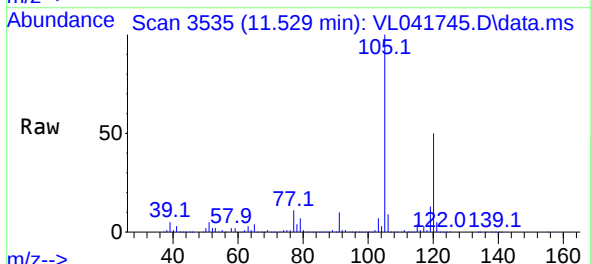
Instrument :
MSVOA_1
ClientSampleId :

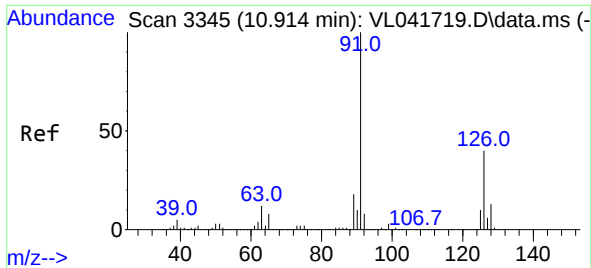
Tgt Ion:120 Resp: 46300
Ion Ratio Lower Upper
120 100
91 399.9 290.8 436.2



#65
tert-Butylbenzene
Concen: 0.312 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.016 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion:119 Resp: 49857
Ion Ratio Lower Upper
119 100
91 80.1 50.2 75.4#
134 0.0 20.4 30.6#

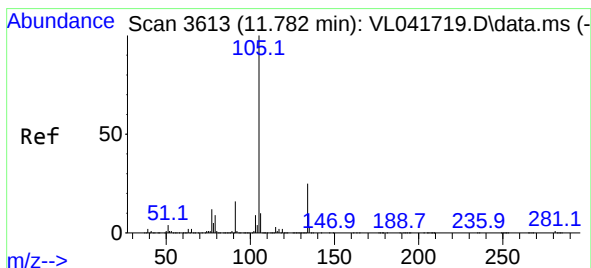
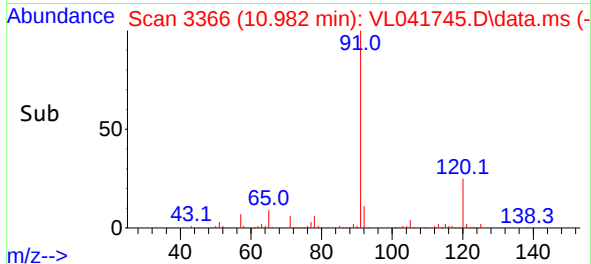
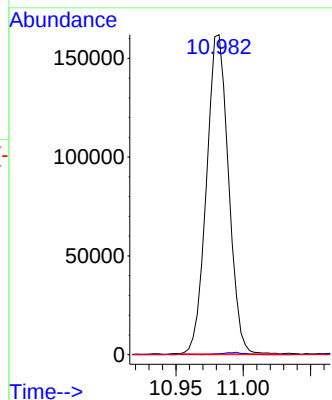
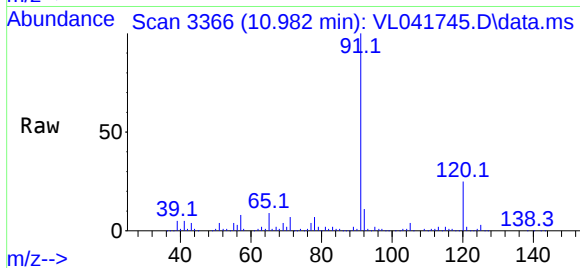




#66
Benzyl Chloride
Concen: 1.600 ppbv
RT: 10.982 min Scan# 31
Delta R.T. 0.068 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

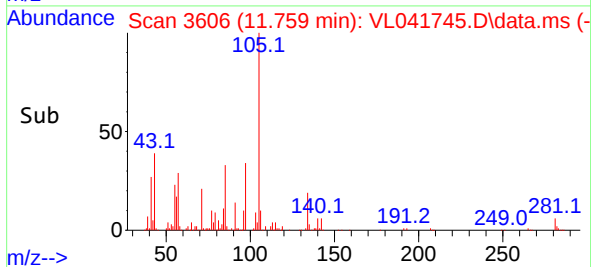
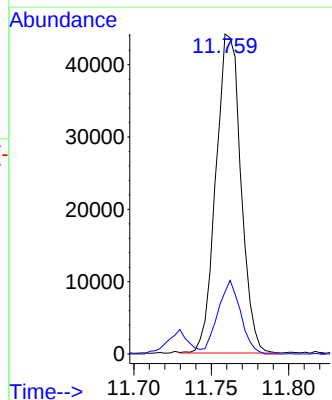
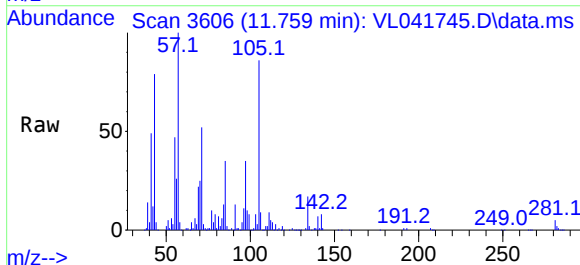
Instrument :
MSVOA_L
ClientSampleId :

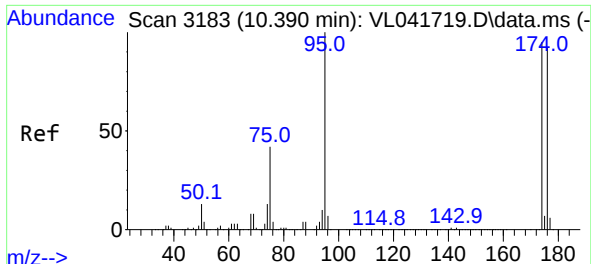
Tgt Ion: 91 Resp: 183409
Ion Ratio Lower Upper
91 100
126 0.8 31.8 47.8#
128 0.0 10.3 15.5#



#67
sec-Butylbenzene
Concen: 0.239 ppbv
RT: 11.759 min Scan# 3606
Delta R.T. -0.023 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

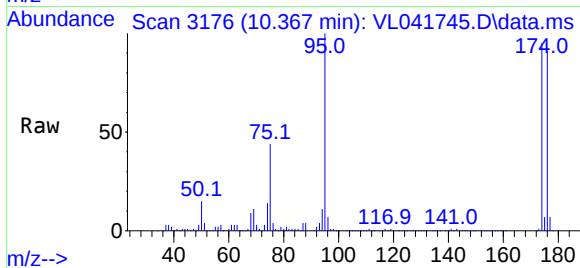
Tgt Ion: 105 Resp: 49454
Ion Ratio Lower Upper
105 100
134 27.3 19.3 28.9



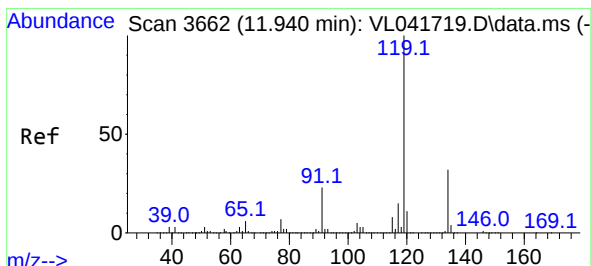
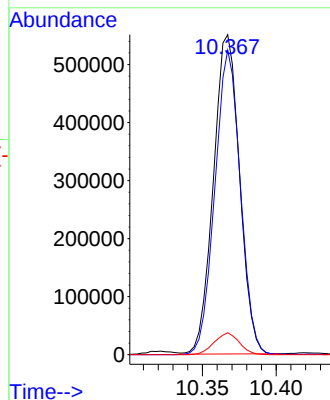
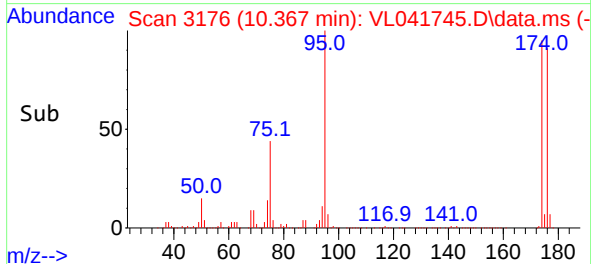


#68
1-Bromo-4-Fluorobenzene
Concen: 10.262 ppbv
RT: 10.367 min Scan# 3183
Delta R.T. -0.023 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :

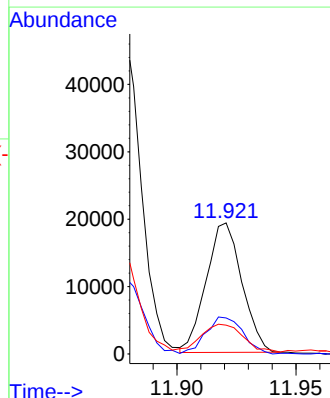
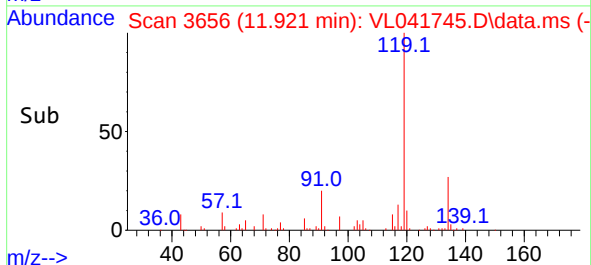
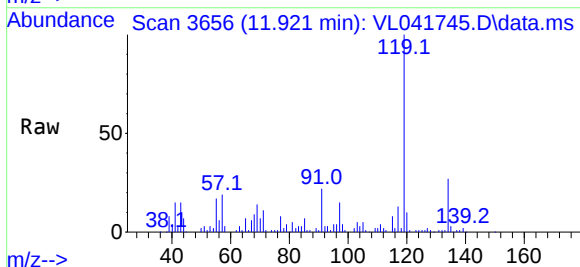


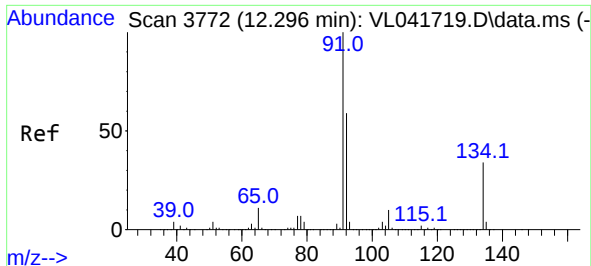
Tgt Ion: 95 Resp: 678331
Ion Ratio Lower Upper
95 100
174 93.3 76.7 115.1
175 6.6 5.4 8.2



#69
p-Isopropyltoluene
Concen: 0.112 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.020 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion: 119 Resp: 20055
Ion Ratio Lower Upper
119 100
134 29.9 24.6 36.8
91 29.5 17.8 26.8

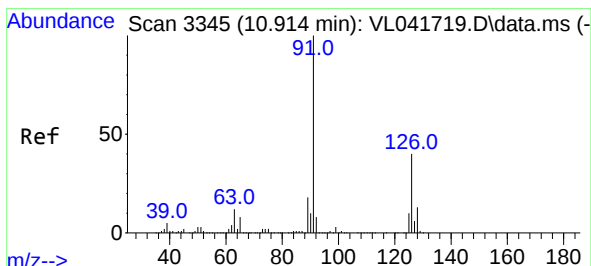
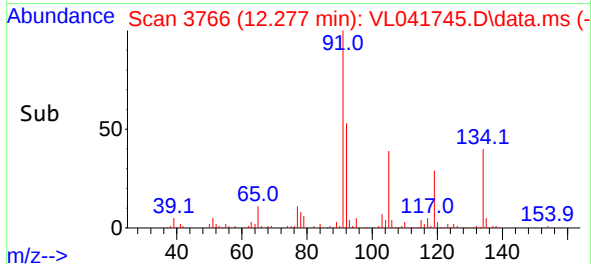
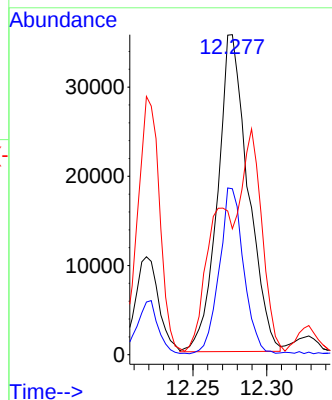
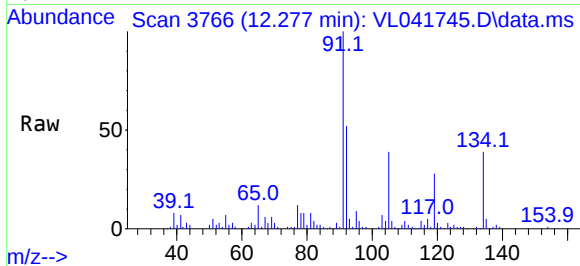




#70
n-Butylbenzene
Concen: 0.345 ppbv
RT: 12.277 min Scan# 31
Delta R.T. -0.020 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

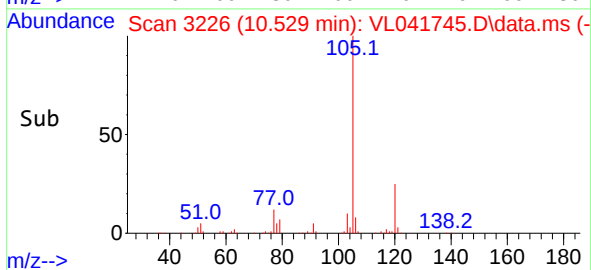
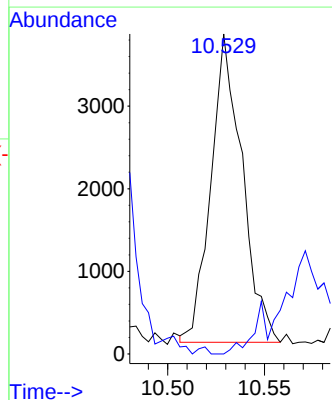
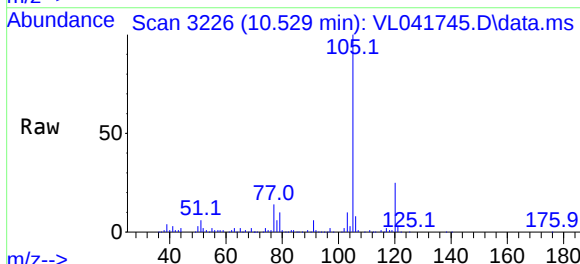
Instrument :
MSVOA_L
ClientSampleId :

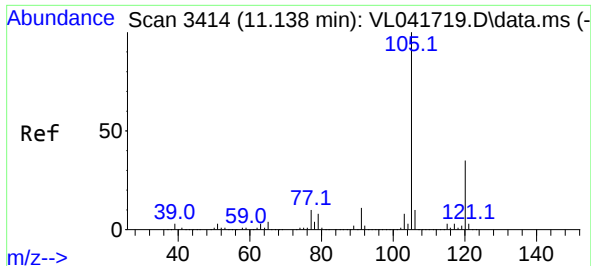
Tgt Ion: 91 Resp: 51174
Ion Ratio Lower Upper
91 100
92 43.5 46.7 70.1#
134 99.4 26.2 39.4#



#71
2-Chlorotoluene
Concen: 0.037 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.385 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

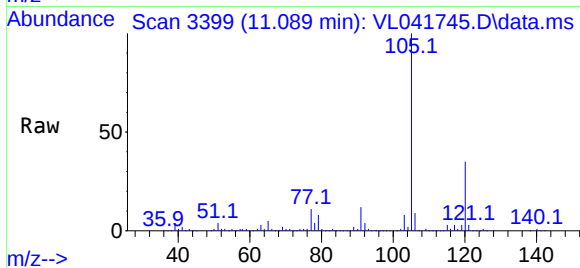
Tgt Ion: 91 Resp: 4191
Ion Ratio Lower Upper
91 100
126 47.7 15.9 63.7



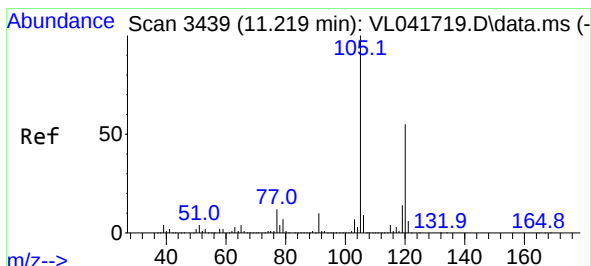
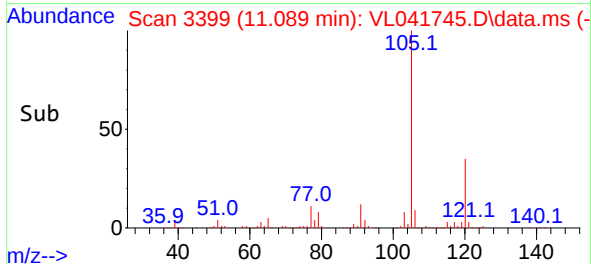
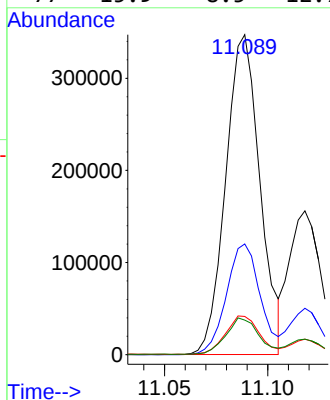


#72
4-Ethyltoluene
Concen: 3.038 ppbv
RT: 11.089 min Scan# 31
Delta R.T. -0.049 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :

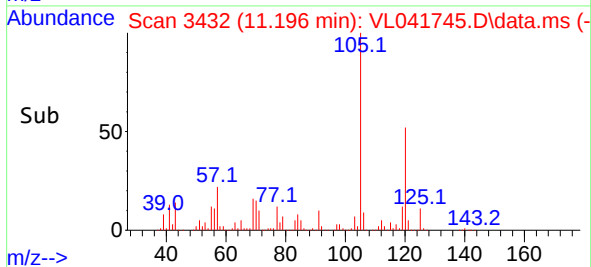
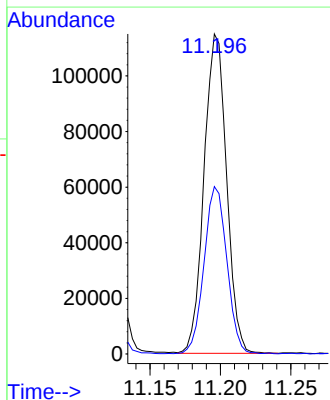
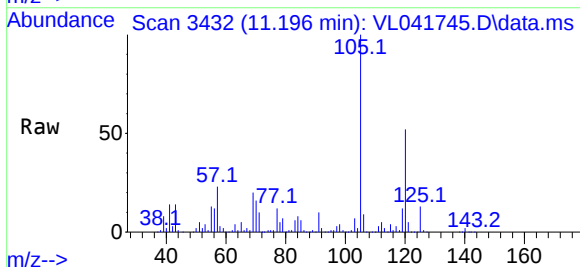


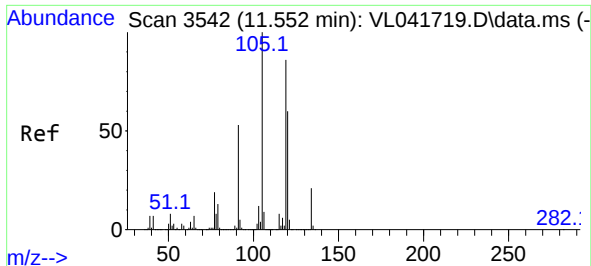
Tgt Ion:105 Resp: 401012
Ion Ratio Lower Upper
105 100
120 47.3 28.0 42.0#
91 16.3 8.8 13.2#
77 15.9 8.5 12.7#



#73
1,3,5-Trimethylbenzene
Concen: 1.198 ppbv
RT: 11.196 min Scan# 3432
Delta R.T. -0.023 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

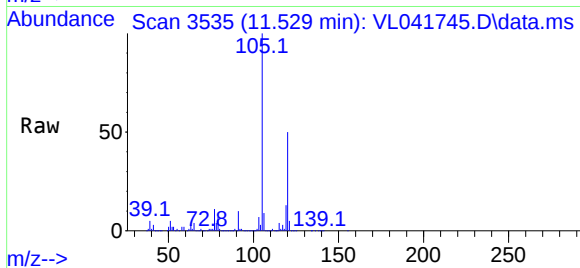
Tgt Ion:105 Resp: 127911
Ion Ratio Lower Upper
105 100
120 52.3 43.6 65.4



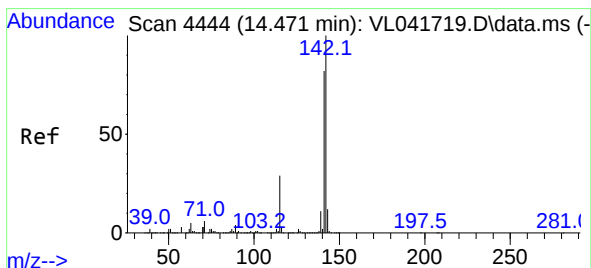
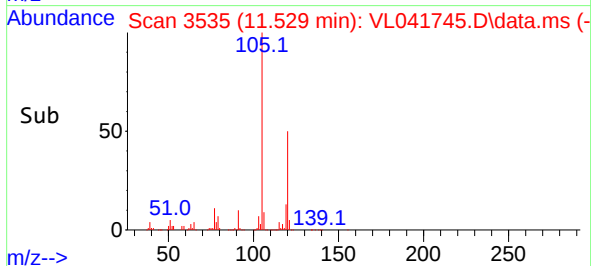
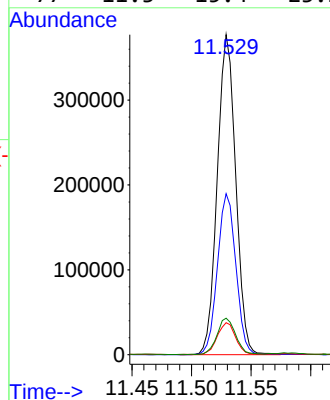


#74
1,2,4-Trimethylbenzene
Concen: 3.485 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.023 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:	105	Resp:	404601
Ion	Ratio	Lower	Upper
105	100		
120	50.3	47.8	71.6
91	9.9	42.5	63.7#
77	11.3	15.4	23.2#



#80
Naphthalene,2-methyl-
Concen: 0.085 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.013 min
Lab File: VL041745.D
Acq: 12 Dec 2024 11:36

Tgt Ion:	142	Resp:	3073
Ion	Ratio	Lower	Upper
142	100		
141	82.3	66.0	99.0
115	87.1	22.8	34.2#

