

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041723.D
 Acq On : 11 Dec 2024 16:17
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:17:04 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 13:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	276165	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	1374483	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1217003	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 800482 10.005 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.100%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.502	85	5061	0.104	ppbv	98
3) Chlorodifluoromethane	1.479	51	3988	0.106	ppbv #	65
4) Chloromethane	1.538	50	1444	0.112	ppbv #	84
5) Vinyl Chloride	1.583	62	1539	0.098	ppbv	97
6) Bromomethane	1.670	94	1271	0.123	ppbv #	72
7) Chloroethane	1.709	64	863	0.126	ppbv #	63
8) Dichlorotetrafluoroethane	1.557	85	4012	0.102	ppbv	99
9) Propene	1.486	41	2920	0.182	ppbv	85
10) Heptane	4.998	43	3240	0.073	ppbv #	61
11) Trichlorofluoromethane	1.884	101	5459	0.098	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.146	101	5035	0.100	ppbv	97
13) Ethanol	1.725	45	553	0.417	ppbv #	24
14) Bromoethene	1.787	108	1862	0.101	ppbv #	62
15) Acetone	1.842	43	8550	0.268	ppbv	93
16) 1,3-Butadiene	1.612	39	1880	0.176	ppbv #	69
17) tert-Butyl alcohol	2.049	59	4997	0.108	ppbv #	67
18) 1,1-Dichloroethene	2.039	96	2408	0.104	ppbv	98
19) Isopropyl Alcohol	1.894	45	19650	0.649	ppbv #	30
20) Methylene Chloride	2.068	84	4395	0.228	ppbv	92
21) Allyl Chloride	2.101	41	2002	0.112	ppbv #	82
22) trans-1,2-Dichloroethene	2.350	96	2833	0.107	ppbv	97
23) Vinyl Acetate	2.470	43	806	0.042	ppbv #	94
24) 1,1-Dichloroethane	2.415	63	3562	0.099	ppbv	92
25) Ethyl Acetate	4.998	43	3240	0.073	ppbv #	56
26) Hexane	2.839	57	4706	0.109	ppbv #	17
27) Carbon Disulfide	2.156	76	3864	0.087	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	3766	0.117	ppbv #	71
29) Chloroform	2.858	83	7003	0.106	ppbv	88
30) Cyclohexane	3.871	84	4675	0.097	ppbv #	75
31) cis-1,2-Dichloroethene	2.350	61	2964	0.074	ppbv	95
32) 1,1,1-Trichloroethane	3.379	97	6130	0.095	ppbv	97
34) 2-Butanone	2.554	43	343	0.007	ppbv #	39
35) Carbon Tetrachloride	3.781	117	2483	0.039	ppbv	96
36) Benzene	3.671	78	12202	0.113	ppbv #	95
37) 1,2-Dichloroethane	3.230	62	4041	0.104	ppbv	94
38) Trichloroethene	4.564	130	5196	0.093	ppbv	94
39) 1,2-Dichloropropane	4.334	63	3487	0.101	ppbv #	92
40) 1,4-Dioxane	4.635	88	1925	0.093	ppbv #	24
41) Tetrahydrofuran	3.081	42	3430	0.118	ppbv	95
42) Bromodichloromethane	4.506	83	4525	0.072	ppbv	94
43) Methyl Methacrylate	4.904	69	2027	0.052	ppbv #	12
44) 2,2,4-Trimethylpentane	4.661	57	15471	0.103	ppbv #	95
45) t-1,3-Dichloropropene	6.431	75	1871	0.049	ppbv	96

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 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:17:04 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 13:14:06 2024
 Response via : Initial Calibration

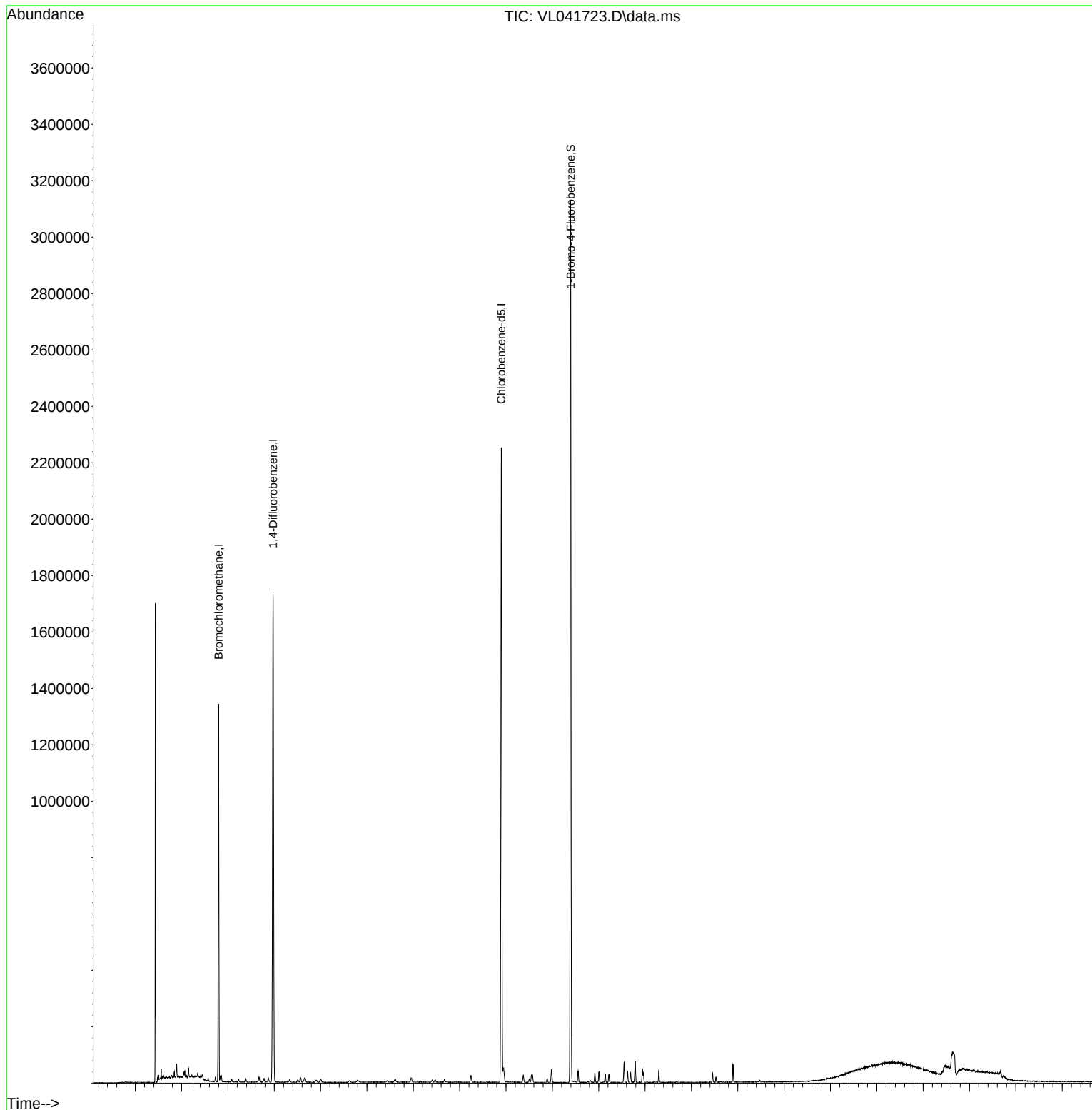
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	2305	0.046	ppbv	93
47) 1,1,2-Trichloroethane	6.587	97	680	0.015	ppbv	97
48) Dibromochloromethane	7.412	129	4916	0.074	ppbv	93
49) Bromoform	9.503	173	4158	0.066	ppbv	98
50) 4-Methyl-2-Pentanone	5.794	43	3612	0.052	ppbv #	28
51) 2-Hexanone	7.467	43	5406	0.095	ppbv #	94
52) Tetrachloroethene	8.247	164	5884	0.103	ppbv	92
53) Toluene	6.956	91	13013	0.098	ppbv	99
54) 1,2-Dibromoethane	7.677	107	5743	0.092	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	5020	0.089	ppbv #	1
57) Chlorobenzene	8.940	112	11077	0.100	ppbv #	95
58) Ethyl Benzene	9.373	91	16118	0.099	ppbv	97
59) m/p-Xylene	9.571	91	9832	0.079	ppbv #	1
60) o-Xylene	9.979	91	12098	0.098	ppbv	100
61) Styrene	9.885	104	5579	0.082	ppbv #	90
62) Isopropylbenzene	10.555	105	20174	0.099	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.979	83	7566	0.095	ppbv	96
64) n-propylbenzene	11.005	120	5599	0.093	ppbv	89
65) tert-Butylbenzene	11.545	119	17838	0.092	ppbv	99
66) Benzyl Chloride	10.921	91	13129	0.095	ppbv	98
67) sec-Butylbenzene	11.782	105	23562	0.094	ppbv	94
69) p-Isopropyltoluene	11.940	119	18248	0.084	ppbv	96
70) n-Butylbenzene	12.296	91	15191	0.085	ppbv	98
71) 2-Chlorotoluene	10.921	91	13129	0.095	ppbv	97
72) 4-Ethyltoluene	11.141	105	14175	0.089	ppbv	95
73) 1,3,5-Trimethylbenzene	11.222	105	11258	0.087	ppbv	98
74) 1,2,4-Trimethylbenzene	11.552	105	12934	0.092	ppbv	92
75) 1,3-Dichlorobenzene	11.623	146	11041	0.098	ppbv	100
76) 1,4-Dichlorobenzene	11.688	146	10530	0.095	ppbv	96
77) 1,2-Dichlorobenzene	11.963	146	10725	0.101	ppbv	98
78) Hexachloro-1,3-Butadiene	13.895	225	8057	0.092	ppbv	97
79) Naphthalene	13.529	128	9818	0.082	ppbv #	95
80) Naphthalene,2-methyl-	14.478	142	1664	0.038	ppbv #	92
81) 1,2,4-Trichlorobenzene	13.455	180	7549	0.100	ppbv	99

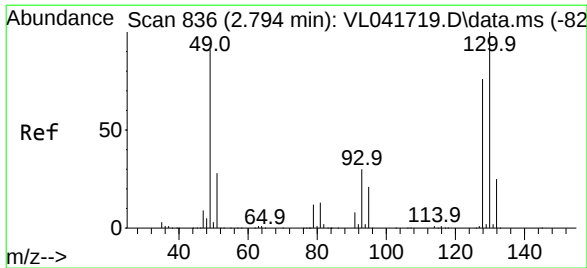
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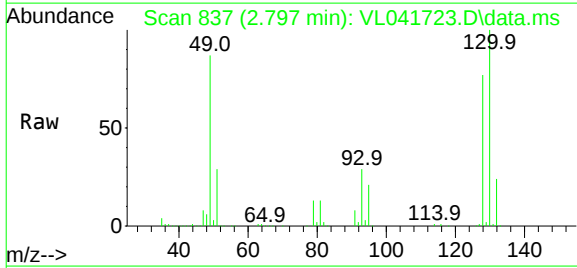
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
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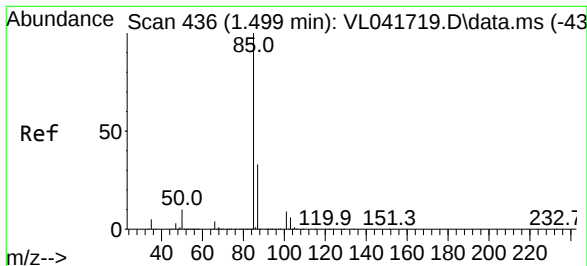
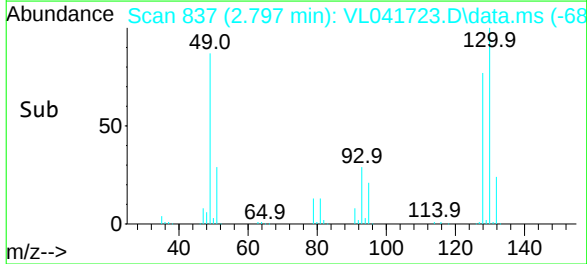
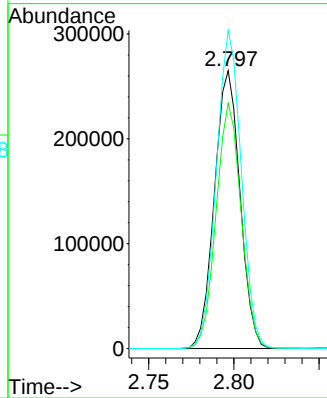


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 836
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

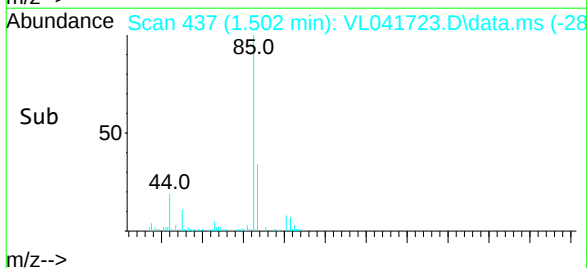
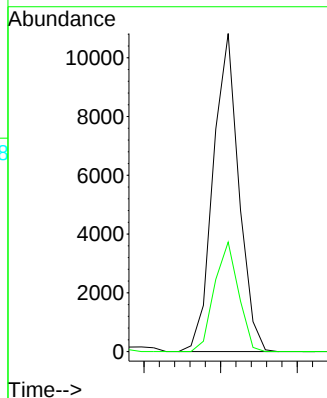
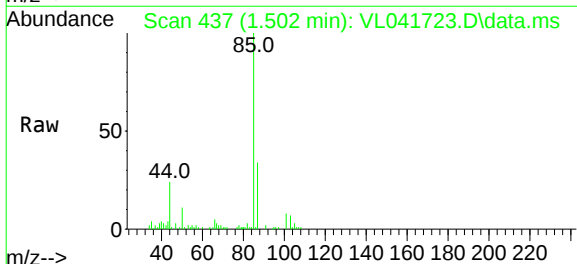


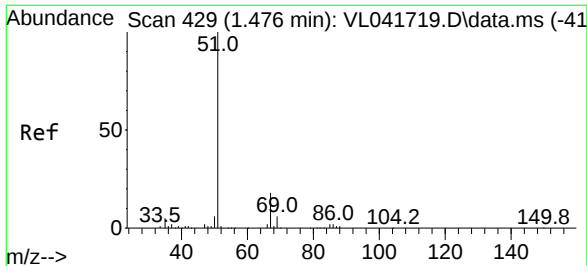
Tgt Ion: 49 Resp: 276165
Ion Ratio Lower Upper
49 100
128 86.6 42.8 128.3
130 112.3 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 0.104 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 85 Resp: 5061
Ion Ratio Lower Upper
85 100
87 34.4 26.6 39.8

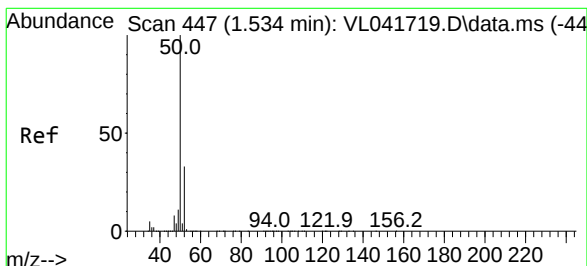
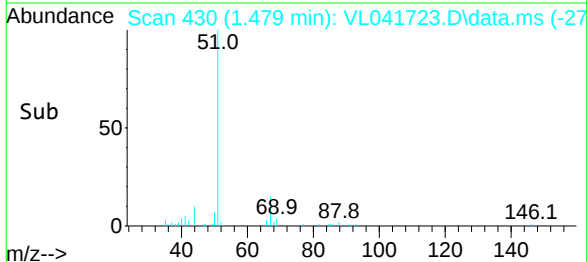
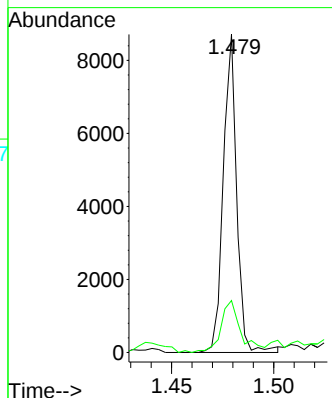
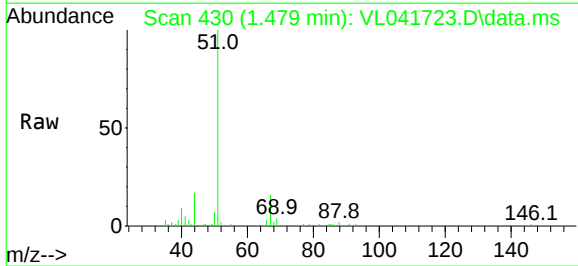




#3
Chlorodifluoromethane
Concen: 0.106 ppbv
RT: 1.479 min Scan# 43
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

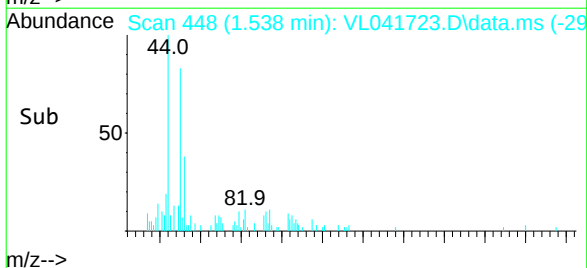
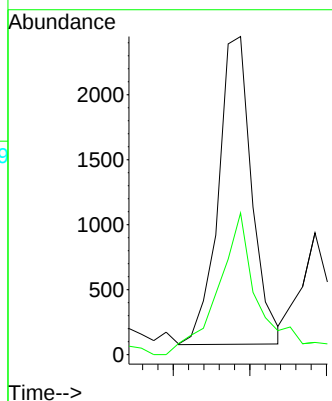
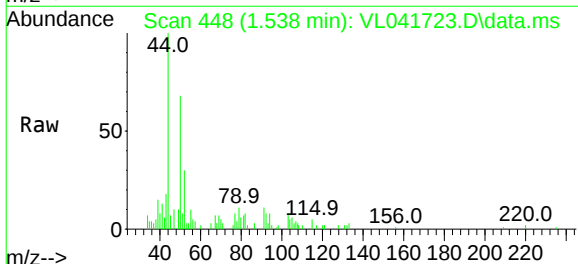
Instrument :
MSVOA_L
ClientSampleId :

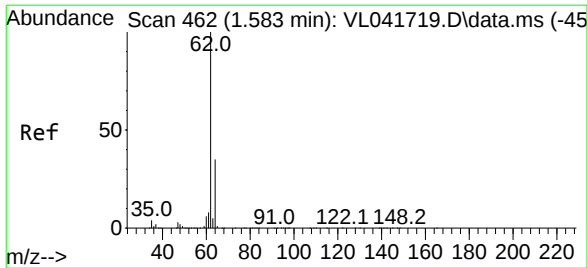
Tgt Ion: 51 Resp: 3988
Ion Ratio Lower Upper
51 100
67 33.9 14.6 21.8#



#4
Chloromethane
Concen: 0.112 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

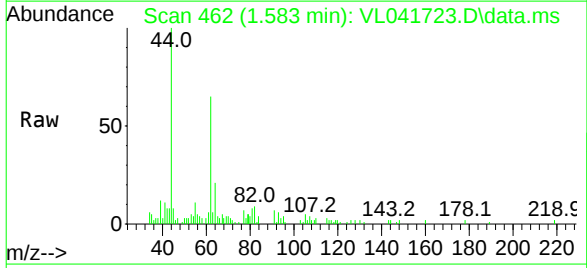
Tgt Ion: 50 Resp: 1444
Ion Ratio Lower Upper
50 100
52 42.4 26.6 40.0#



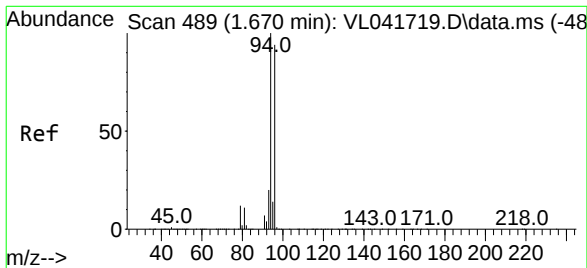
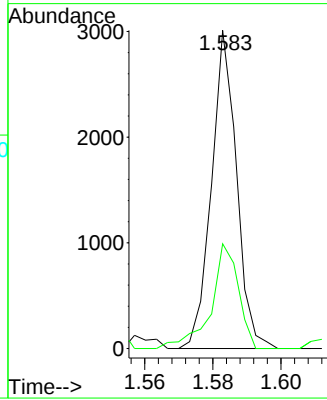
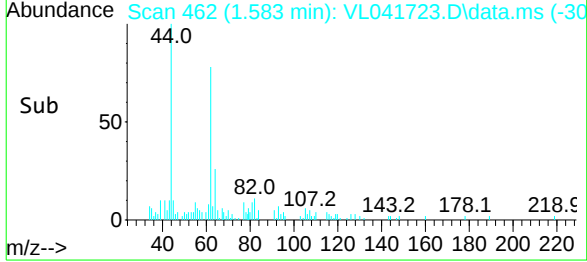


#5
 Vinyl Chloride
 Concen: 0.098 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

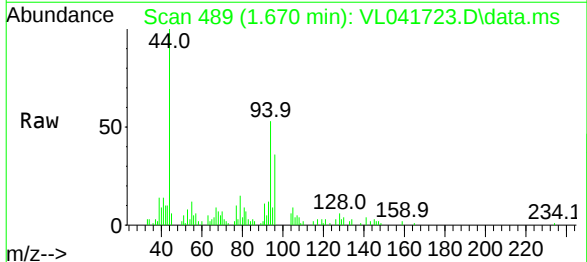
Instrument :
 MSVOA_L
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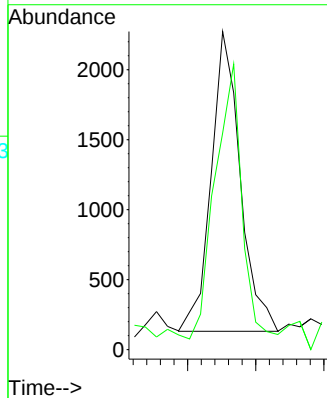
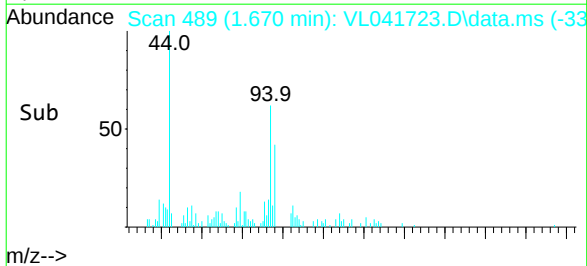
Tgt Ion: 62 Resp: 1539
 Ion Ratio Lower Upper
 62 100
 64 32.9 27.6 41.4

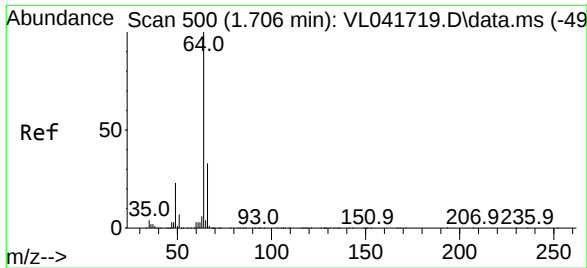


#6
 Bromomethane
 Concen: 0.123 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17



Tgt Ion: 94 Resp: 1271
 Ion Ratio Lower Upper
 94 100
 96 67.4 75.4 113.0#

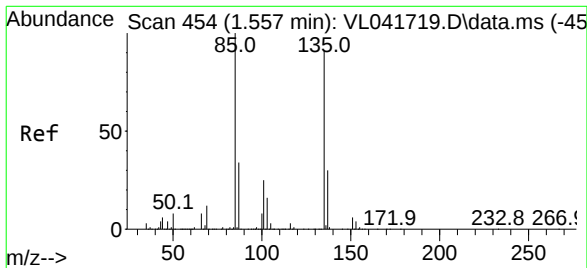
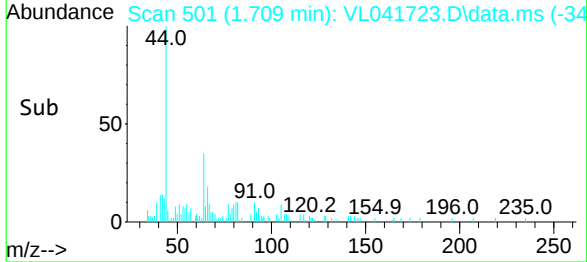
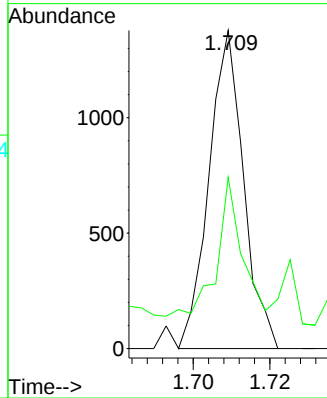
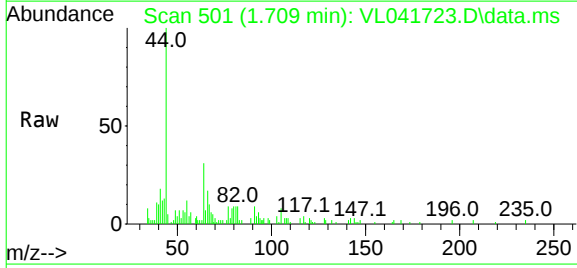




#7
Chloroethane
Concen: 0.126 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

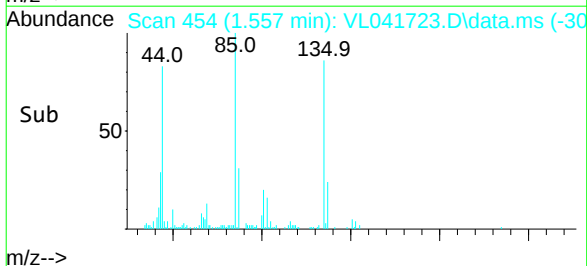
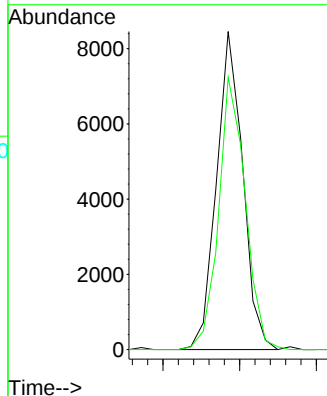
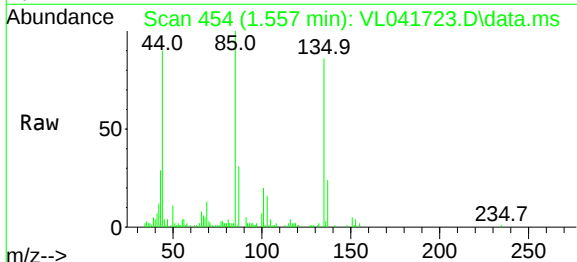
Instrument :
MSVOA_L
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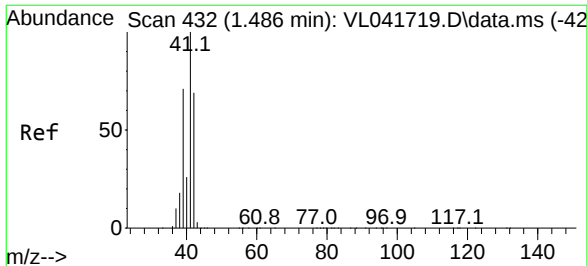
Tgt Ion: 64 Resp: 863
Ion Ratio Lower Upper
64 100
66 53.8 26.5 39.7#



#8
Dichlorotetrafluoroethane
Concen: 0.102 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 85 Resp: 4012
Ion Ratio Lower Upper
85 100
135 87.1 69.0 103.6





#9

Propene

Concen: 0.182 ppbv

RT: 1.486 min Scan# 43

Delta R.T. -0.000 min

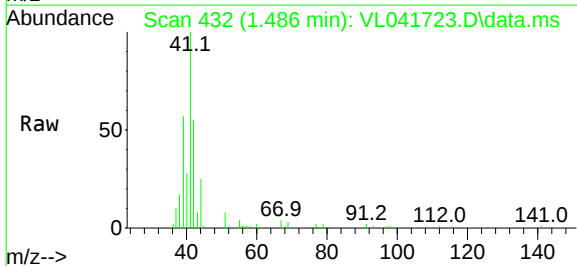
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Instrument :

MSVOA_L

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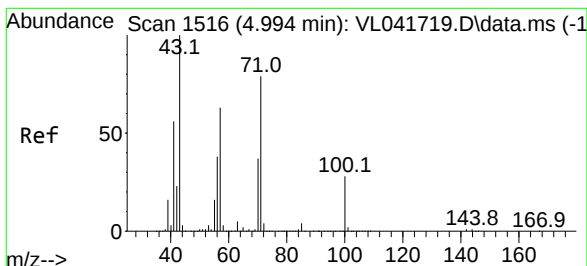
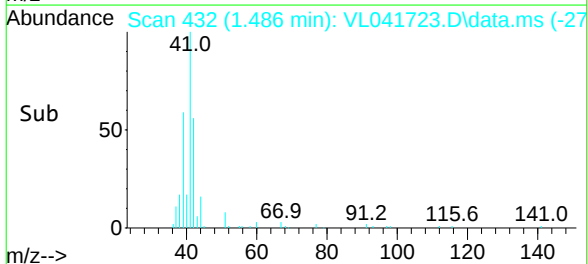
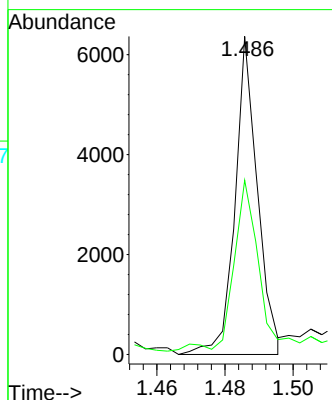


Tgt Ion: 41 Resp: 2920

Ion Ratio Lower Upper

41 100

42 82.5 56.2 84.4



#10

Heptane

Concen: 0.073 ppbv

RT: 4.998 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VL041723.D

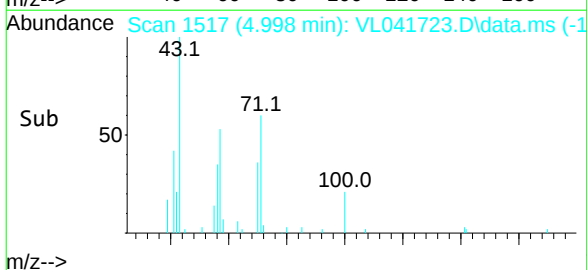
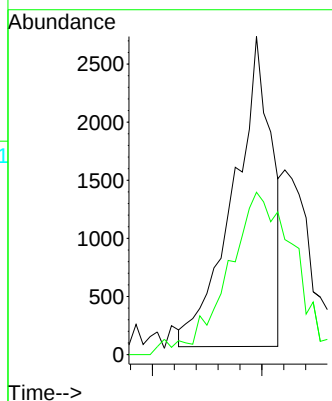
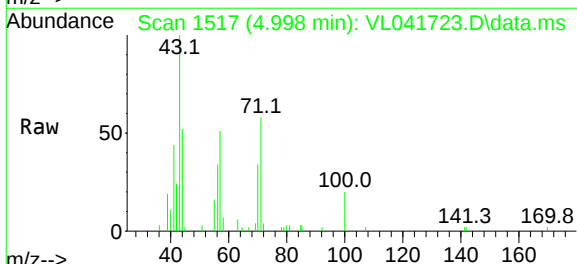
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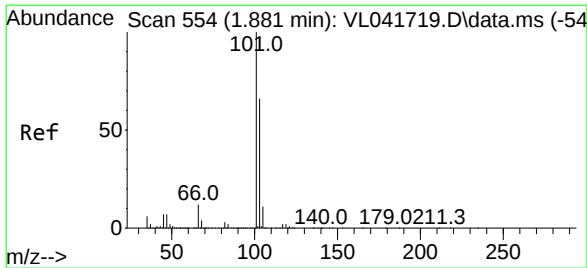
Tgt Ion: 43 Resp: 3240

Ion Ratio Lower Upper

43 100

57 93.1 50.5 75.7#

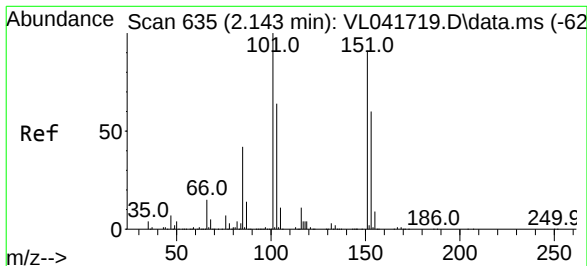
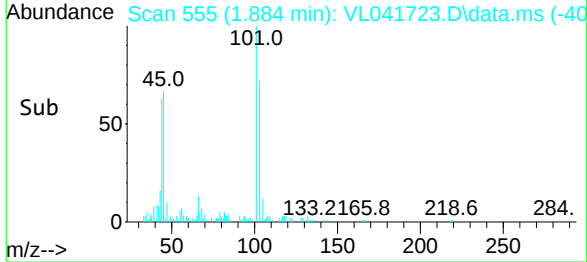
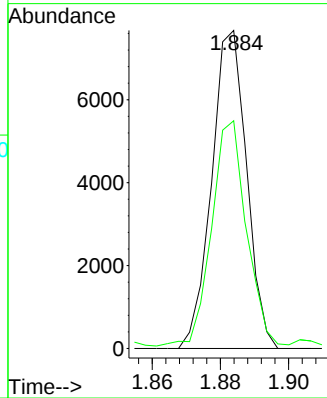
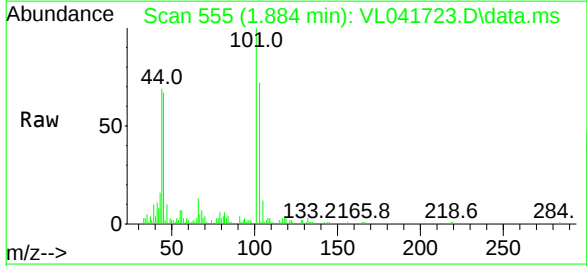




#11
 Trichlorofluoromethane
 Concen: 0.098 ppbv
 RT: 1.884 min Scan# 554
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

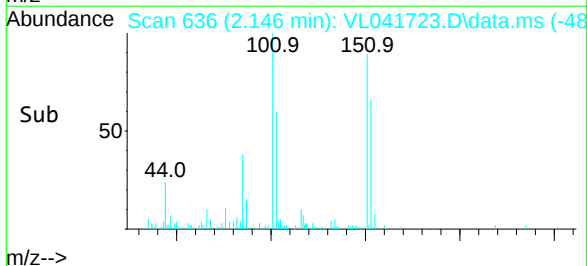
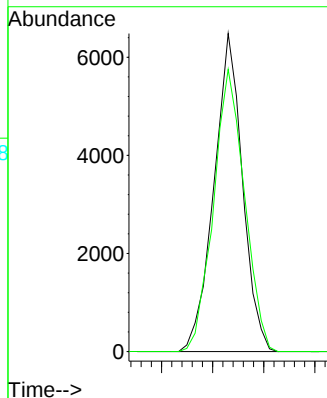
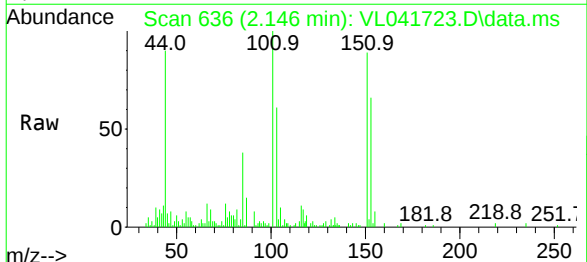
Instrument :
 MSVOA_L
 ClientSampleId :

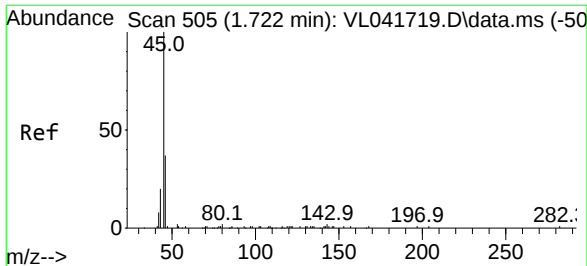
Tgt Ion:101 Resp: 5459
 Ion Ratio Lower Upper
 101 100
 103 70.2 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.100 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

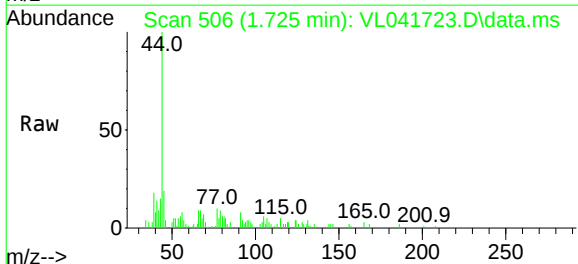
Tgt Ion:101 Resp: 5035
 Ion Ratio Lower Upper
 101 100
 151 96.2 74.4 111.6



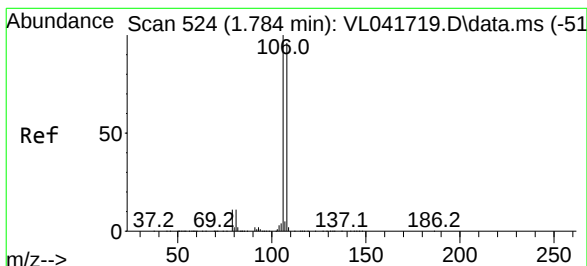
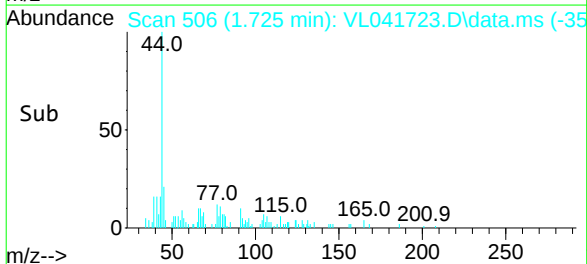
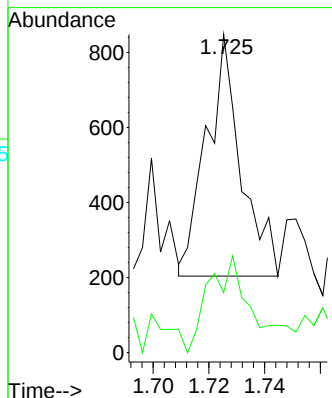


#13
Ethanol
Concen: 0.417 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

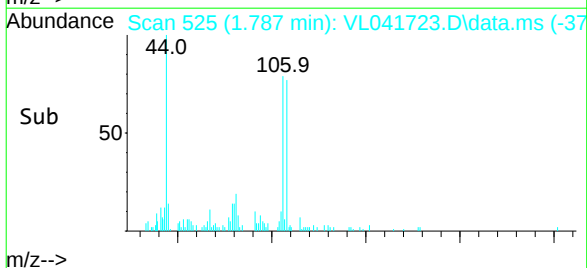
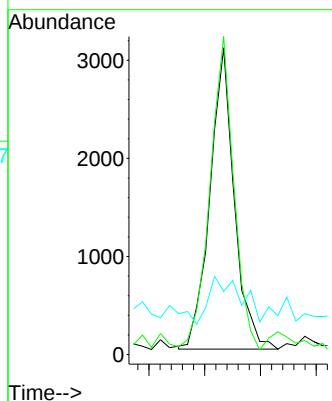
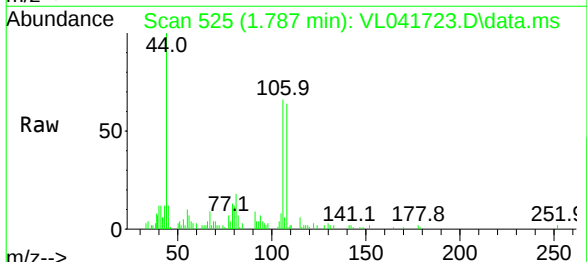


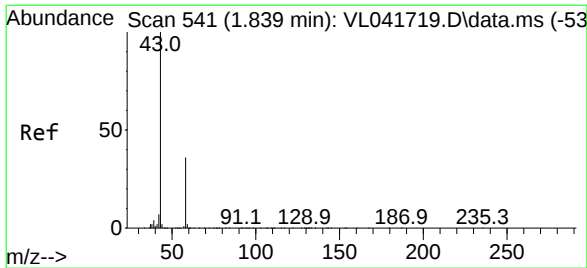
Tgt Ion: 45 Resp: 553
Ion Ratio Lower Upper
45 100
46 89.2 16.6 66.6#



#14
Bromoethene
Concen: 0.101 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

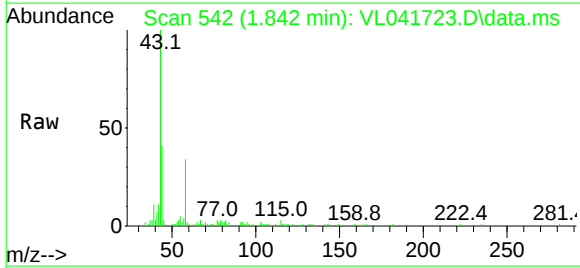
Tgt Ion: 108 Resp: 1862
Ion Ratio Lower Upper
108 100
106 138.0 83.5 125.3#
79 43.3 9.3 13.9#



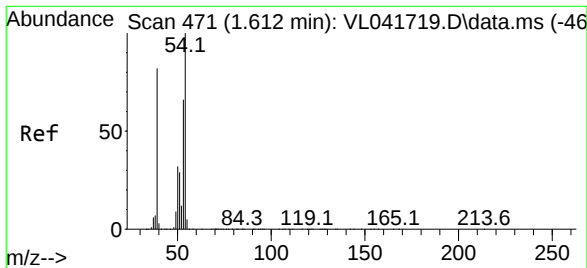
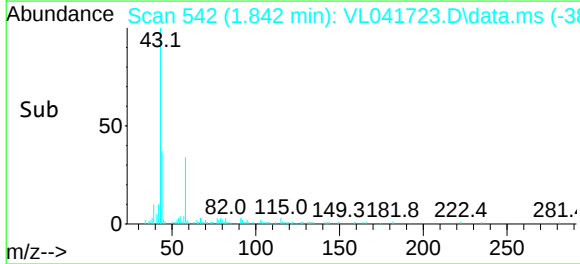
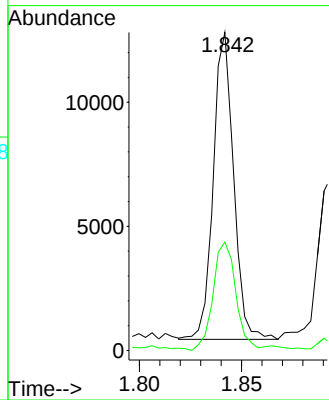


#15
Acetone
Concen: 0.268 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

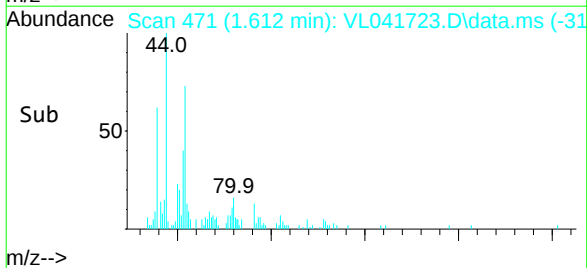
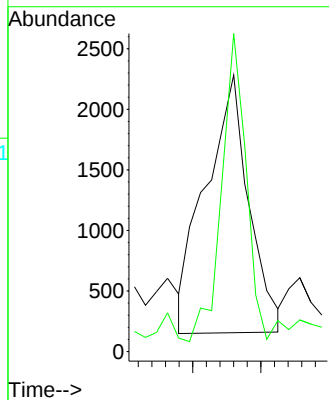
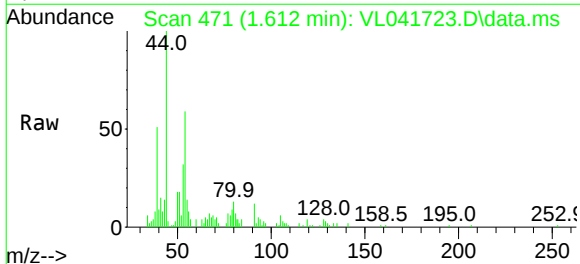


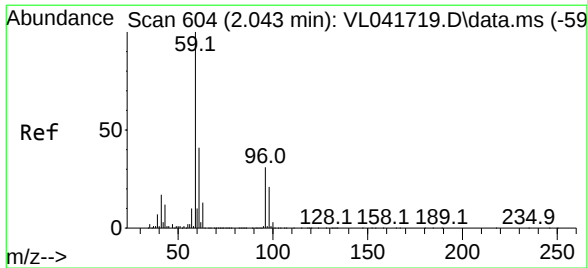
Tgt Ion: 43 Resp: 8550
Ion Ratio Lower Upper
43 100
58 40.1 28.9 43.3



#16
1,3-Butadiene
Concen: 0.176 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

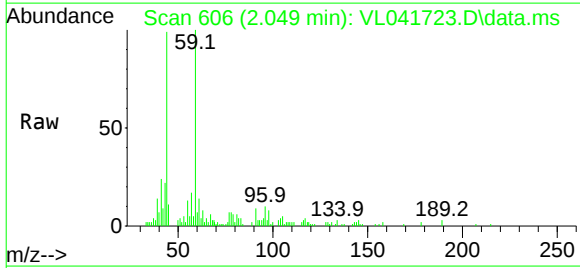
Tgt Ion: 39 Resp: 1880
Ion Ratio Lower Upper
39 100
54 138.7 85.0 127.6#



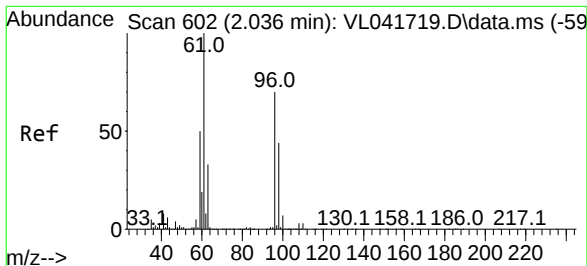
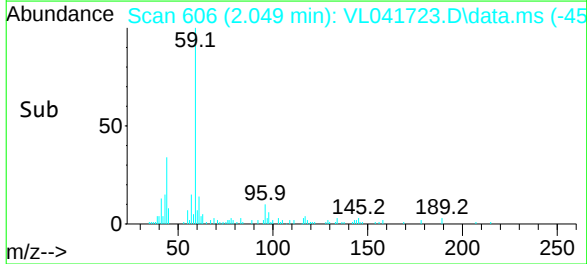
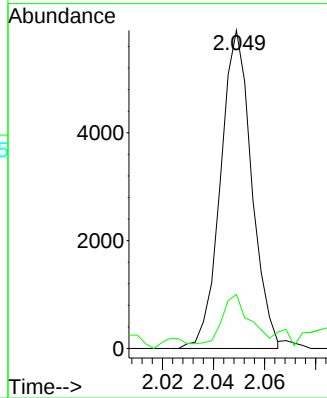


#17
tert-Butyl alcohol
Concen: 0.108 ppbv
RT: 2.049 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

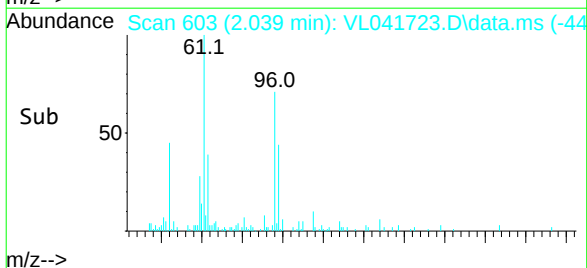
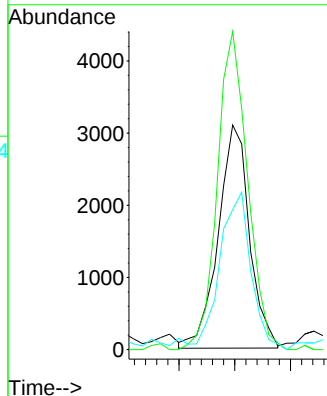
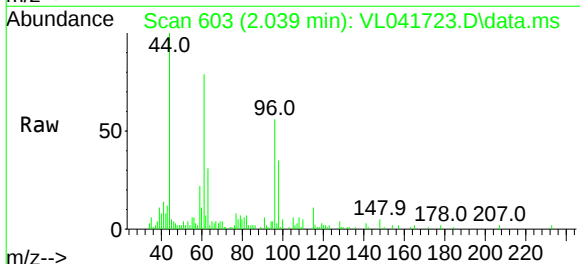


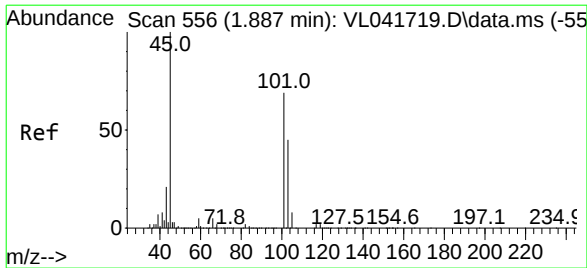
Tgt Ion: 59 Resp: 4997
Ion Ratio Lower Upper
59 100
57 22.8 8.2 12.4#



#18
1,1-Dichloroethene
Concen: 0.104 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

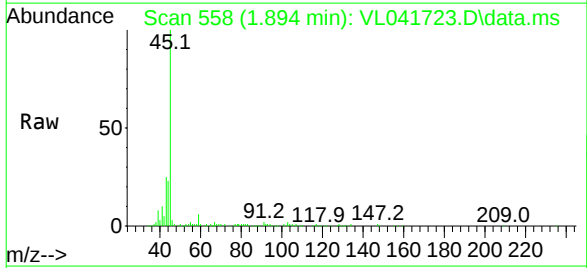
Tgt Ion: 96 Resp: 2408
Ion Ratio Lower Upper
96 100
61 144.0 114.4 171.6
98 60.7 50.6 75.8



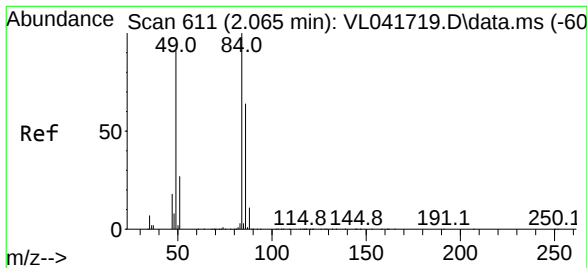
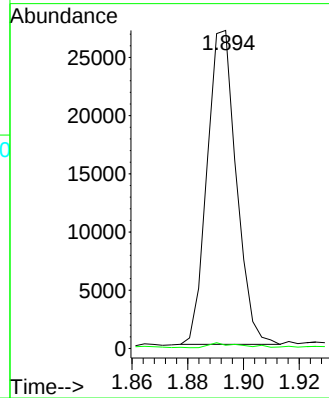
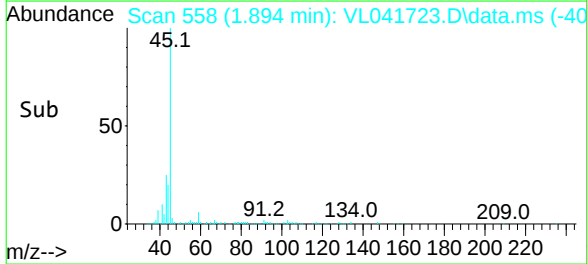


#19
Isopropyl Alcohol
Concen: 0.649 ppbv
RT: 1.894 min Scan# 556
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

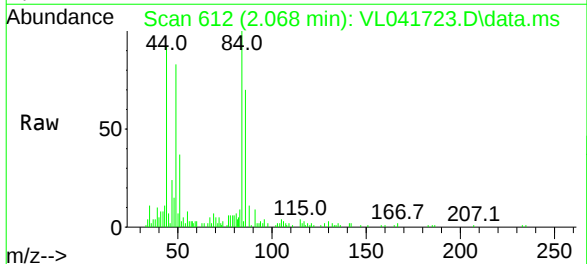
Instrument :
MSVOA_L
ClientSampleId :



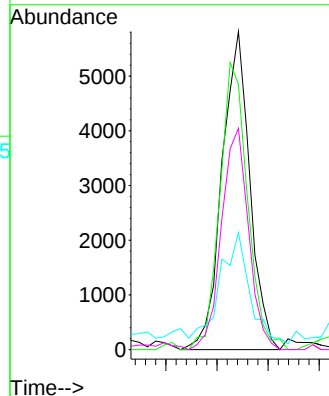
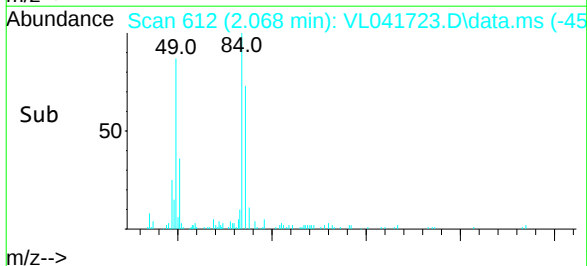
Tgt Ion: 45 Resp: 19650
Ion Ratio Lower Upper
45 100
58 2.4 40.6 61.0#

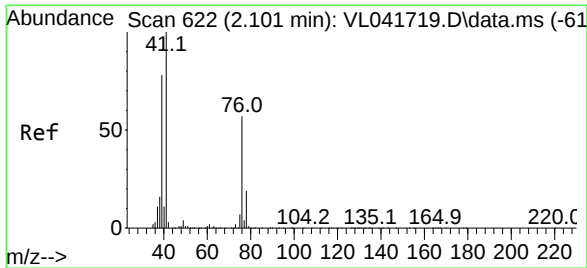


#20
Methylene Chloride
Concen: 0.228 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17



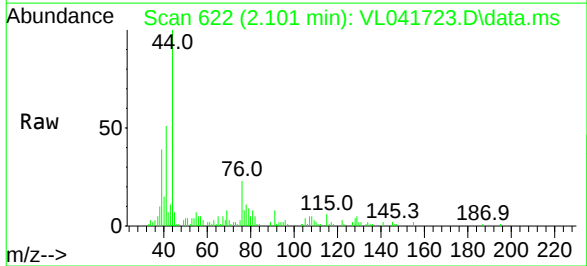
Tgt Ion: 84 Resp: 4395
Ion Ratio Lower Upper
84 100
49 83.4 73.6 110.4
51 33.2 22.7 34.1
86 69.6 51.4 77.0



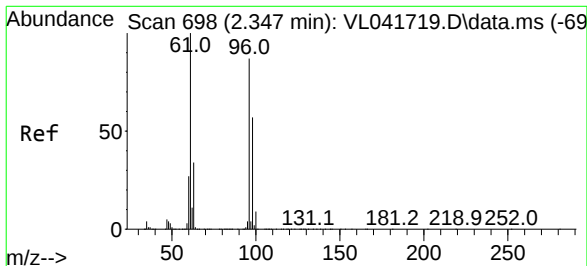
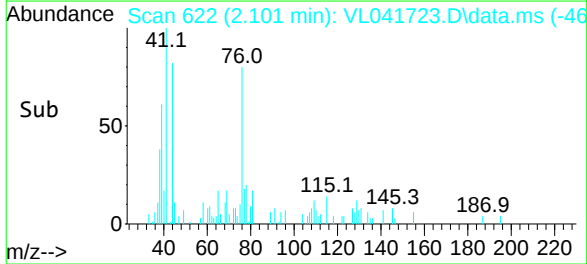
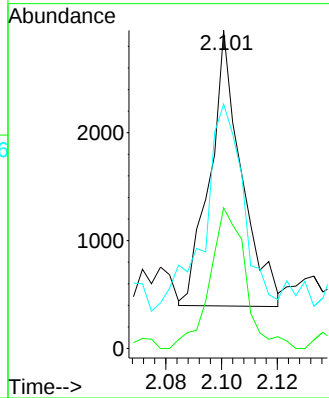


#21
 Allyl Chloride
 Concen: 0.112 ppbv
 RT: 2.101 min Scan# 622
 Delta R.T. -0.000 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

Instrument :
 MSVOA_L
 ClientSampleId :

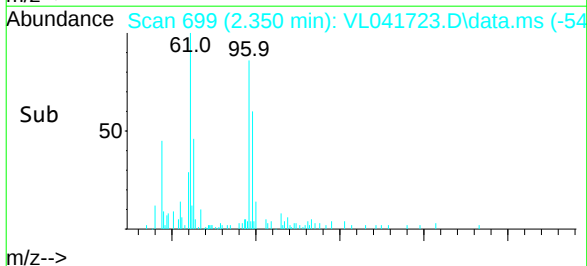
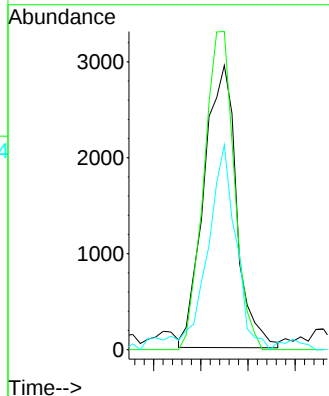
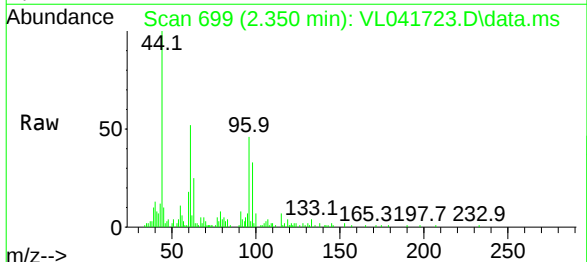


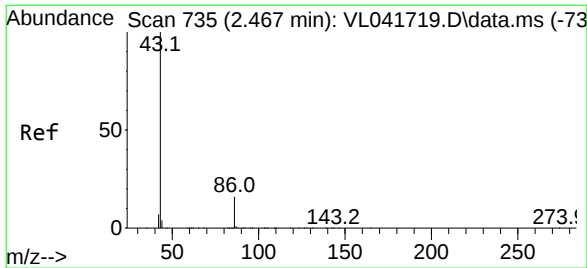
Tgt Ion: 41	Resp: 2002
Ion Ratio	Lower Upper
41 100	
76 57.4	44.2 66.2
39 102.6	62.8 94.2#



#22
 trans-1,2-Dichloroethene
 Concen: 0.107 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

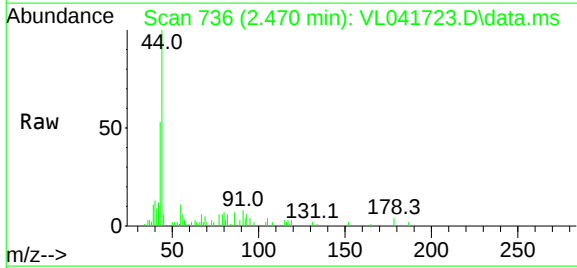
Tgt Ion: 96	Resp: 2833
Ion Ratio	Lower Upper
96 100	
61 114.9	91.8 137.6
98 71.1	52.7 79.1



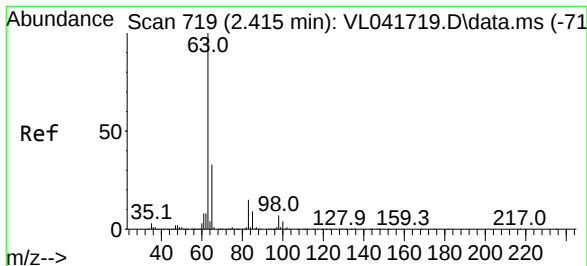
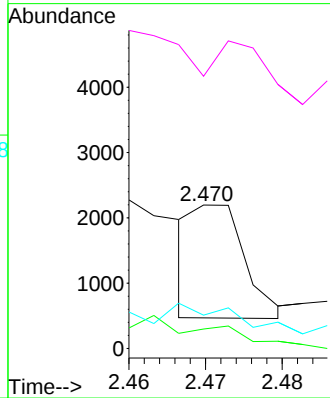
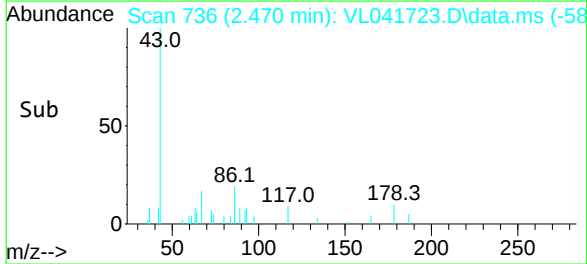


#23
 Vinyl Acetate
 Concen: 0.042 ppbv
 RT: 2.470 min Scan# 735
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

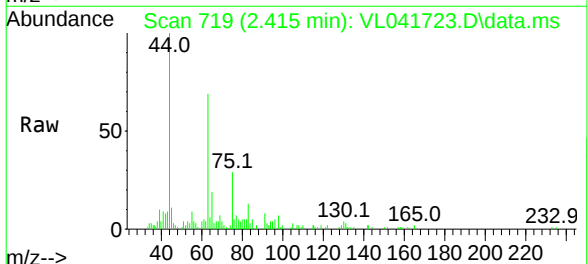
Instrument :
 MSVOA_L
 ClientSampleId :



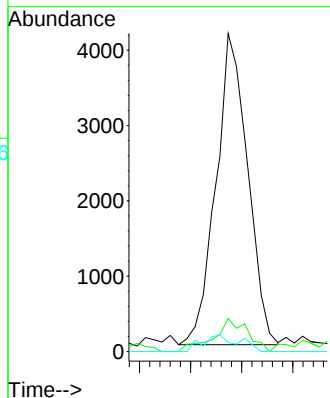
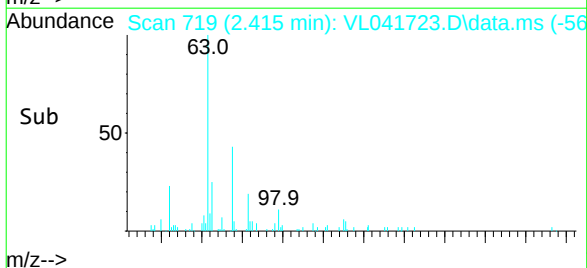
Tgt Ion: 43	Resp: 806
Ion Ratio	Lower Upper
43 100	
86 12.1	11.5 17.3
42 6.9	6.6 10.0
44 8.0	4.1 6.1#

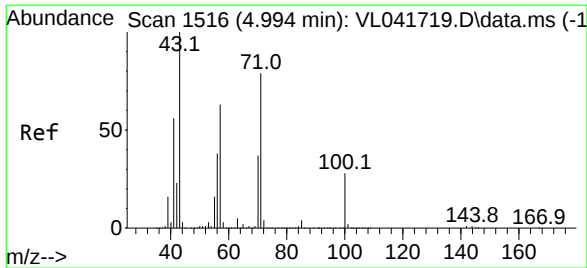


#24
 1,1-Dichloroethane
 Concen: 0.099 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17



Tgt Ion: 63	Resp: 3562
Ion Ratio	Lower Upper
63 100	
98 10.6	3.6 10.8
100 2.9	2.3 6.8

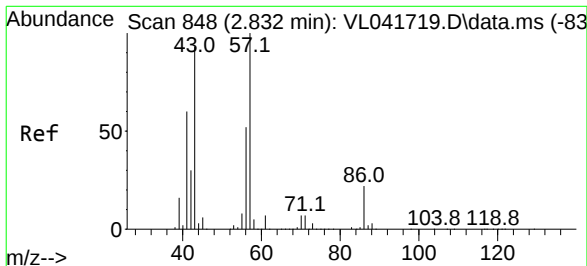
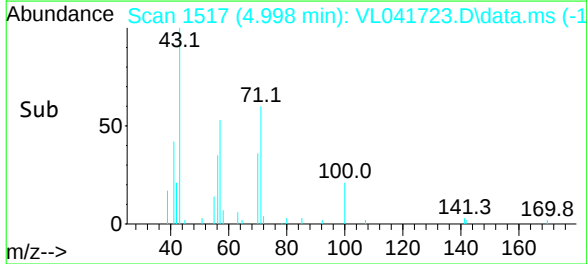
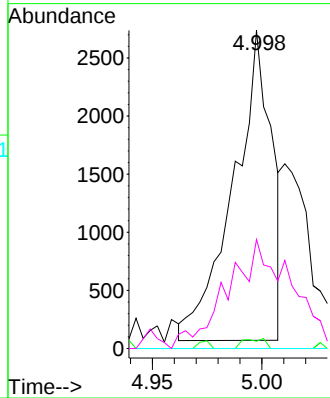
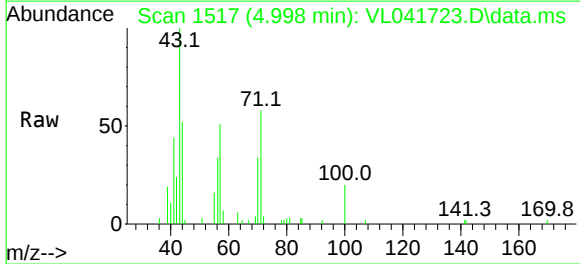




#25
Ethyl Acetate
Concen: 0.073 ppbv
RT: 4.998 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

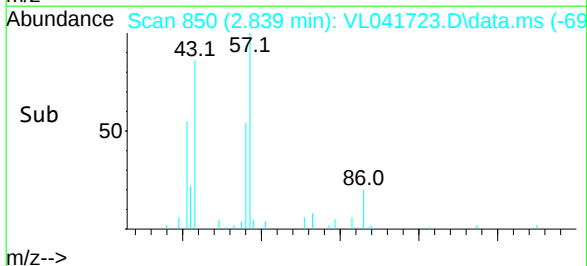
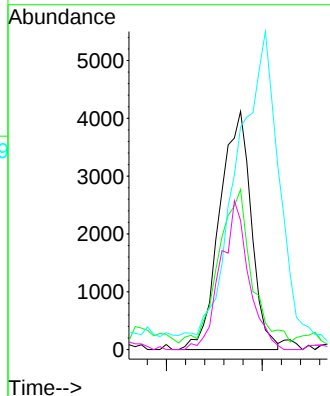
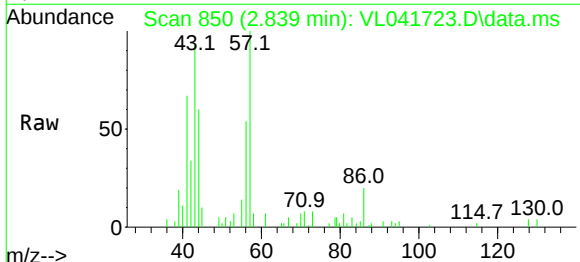
Instrument :
MSVOA_L
ClientSampleId :

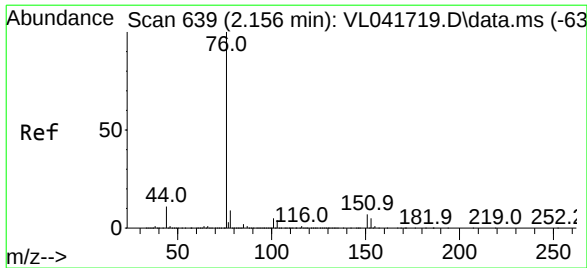
Tgt Ion: 43	Resp: 3240
Ion Ratio	Lower Upper
43 100	
45 1.8	0.0 0.0#
61 0.0	0.4 0.6#
70 63.6	29.4 44.2#



#26
Hexane
Concen: 0.109 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 57	Resp: 4706
Ion Ratio	Lower Upper
57 100	
41 69.8	49.5 74.3
43 0.0	150.6 225.8#
56 56.0	41.6 62.4

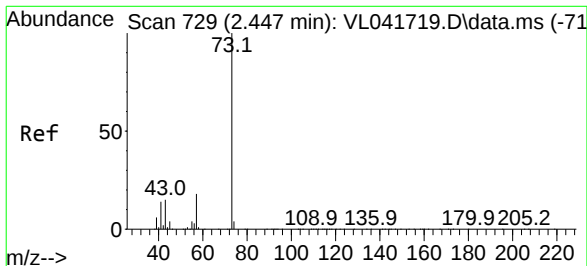
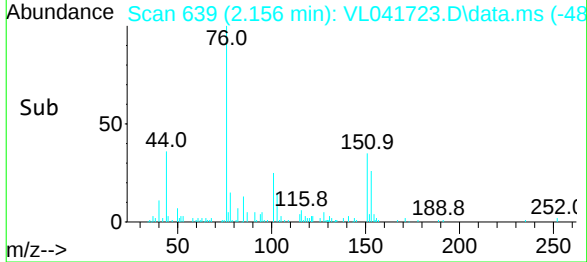
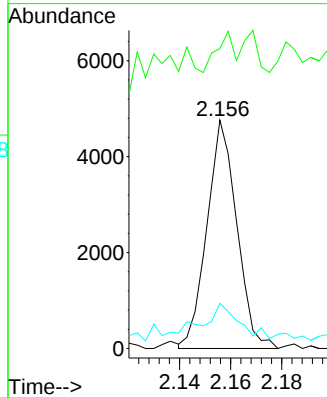
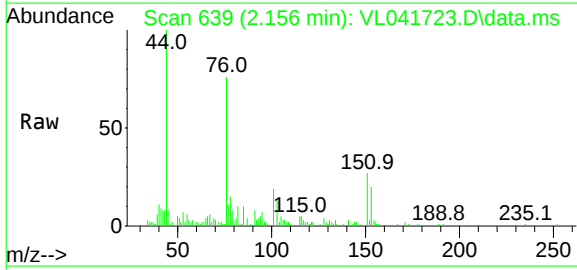




#27
Carbon Disulfide
Concen: 0.087 ppbv
RT: 2.156 min Scan# 639
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

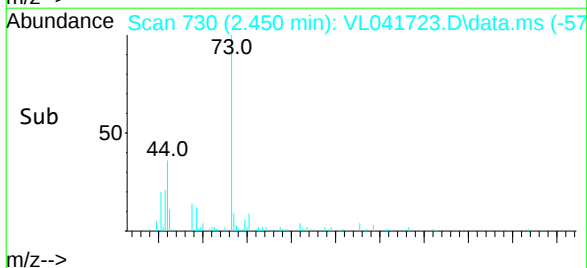
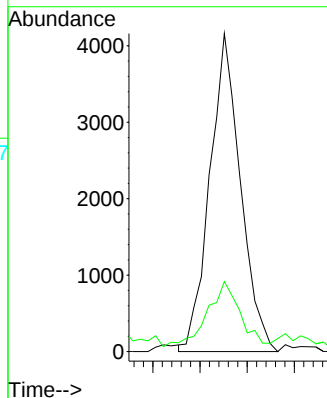
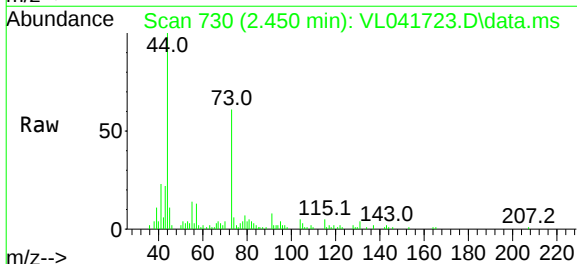
Instrument :
MSVOA_L
ClientSampleId :

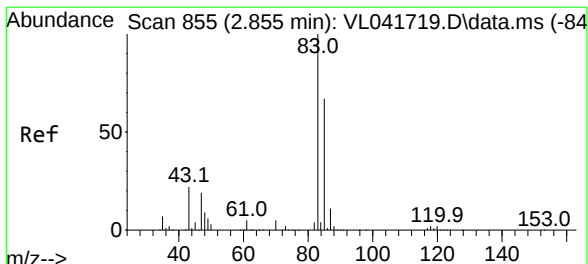
Tgt Ion	Ratio	Lower	Upper
76	100		
44	372.0	9.4	14.0#
78	32.3	9.4	14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.117 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion	Ratio	Lower	Upper
73	100		
57	32.4	15.3	22.9#

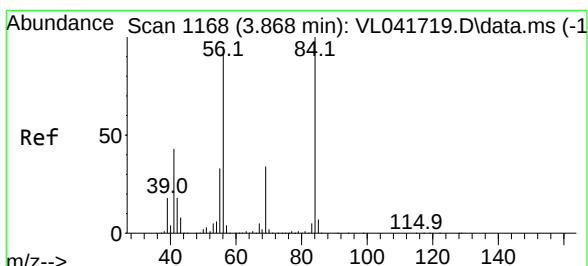
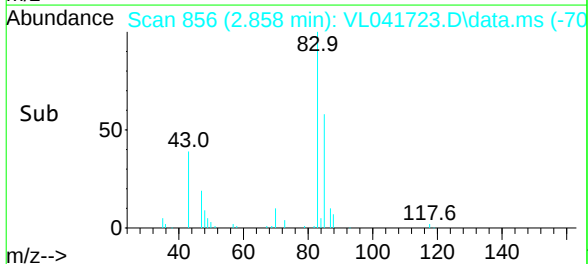
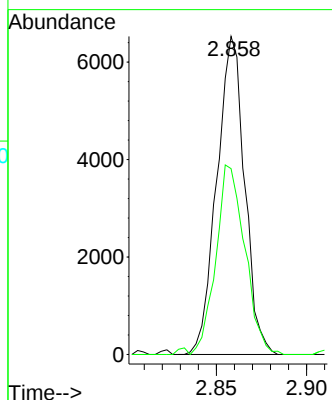
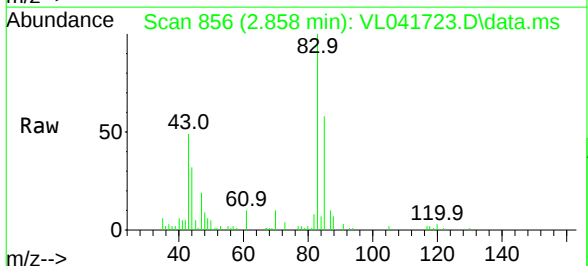




#29
 Chloroform
 Concen: 0.106 ppbv
 RT: 2.858 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

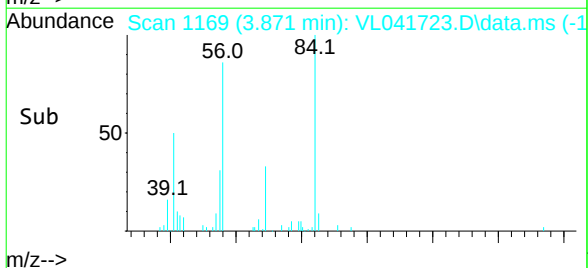
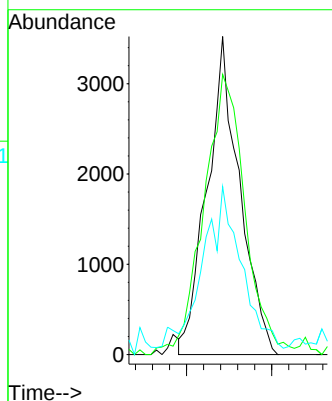
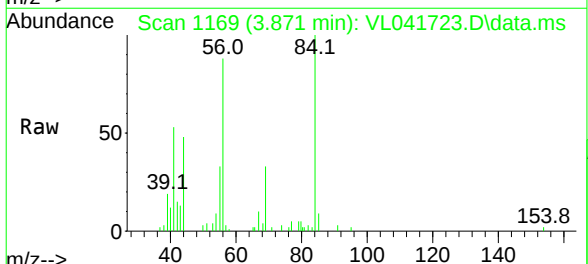
Instrument :
 MSVOA_L
 ClientSampleId :

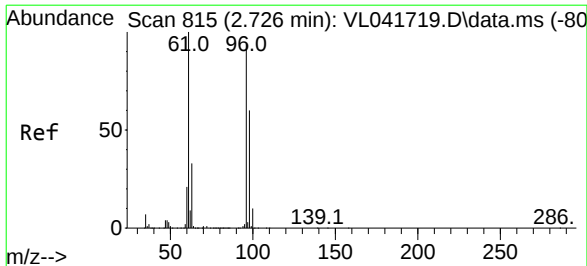
Tgt Ion: 83 Resp: 7003
 Ion Ratio Lower Upper
 83 100
 85 57.4 53.6 80.4



#30
 Cyclohexane
 Concen: 0.097 ppbv
 RT: 3.871 min Scan# 1169
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

Tgt Ion: 84 Resp: 4675
 Ion Ratio Lower Upper
 84 100
 56 112.8 76.0 114.0
 41 68.4 34.2 51.4#

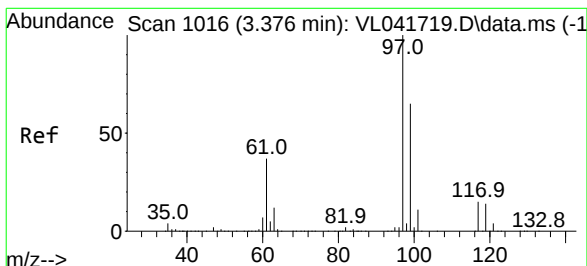
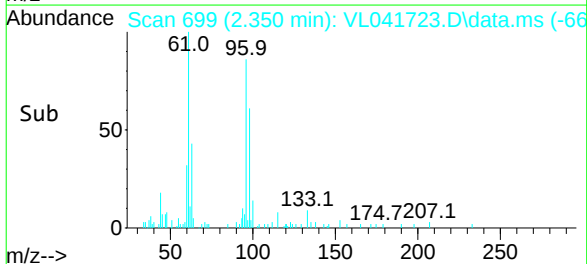
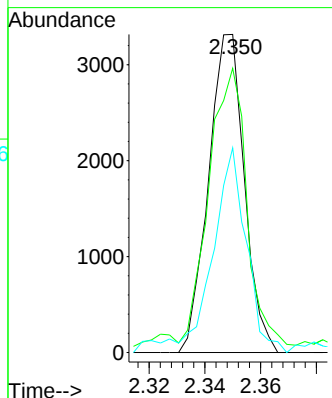
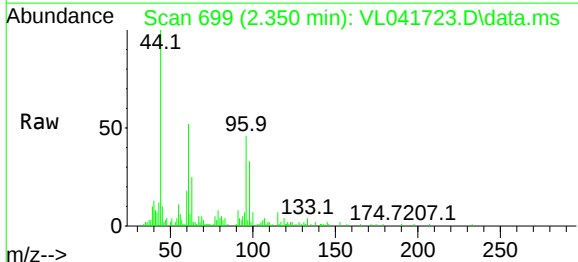




#31
cis-1,2-Dichloroethene
Concen: 0.074 ppbv
RT: 2.350 min Scan# 69
Delta R.T. -0.376 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

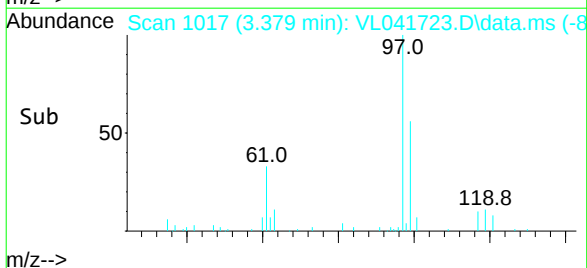
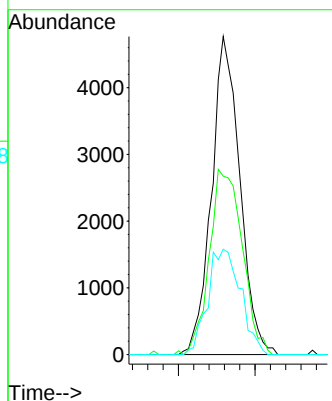
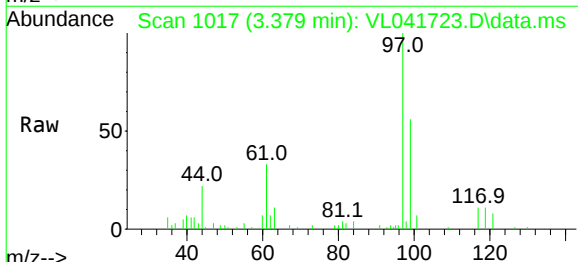
Instrument :
MSVOA_L
ClientSampleId :

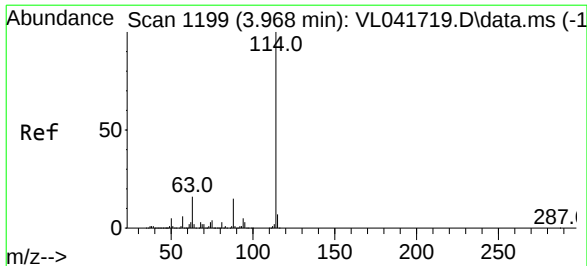
Tgt Ion	Ratio	Lower	Upper
61	100		
96	86.4	75.4	113.2
98	61.4	48.3	72.5



#32
1,1,1-Trichloroethane
Concen: 0.095 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

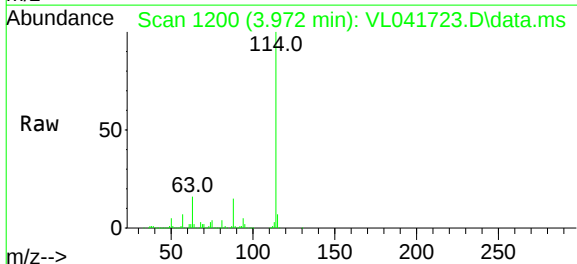
Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.2	78.2
61	38.6	29.8	44.8



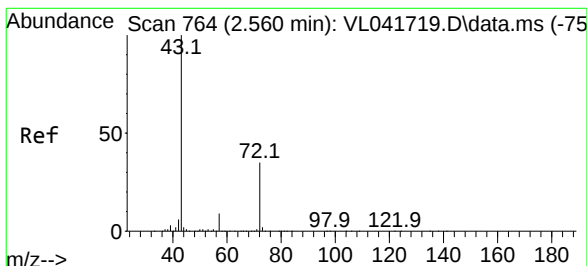
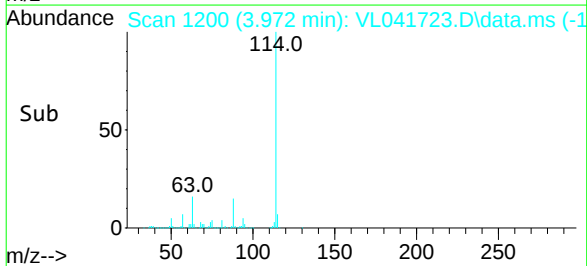
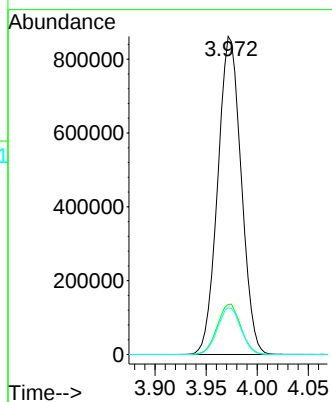


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 12
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

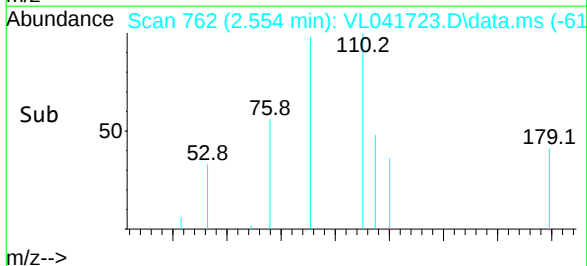
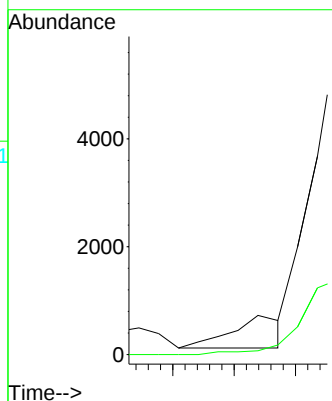
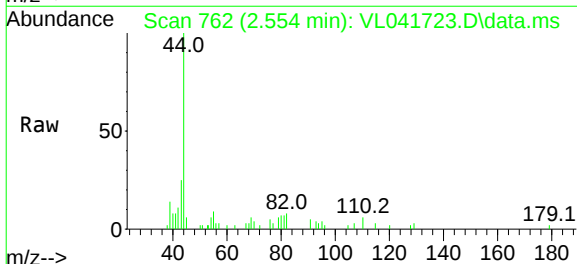


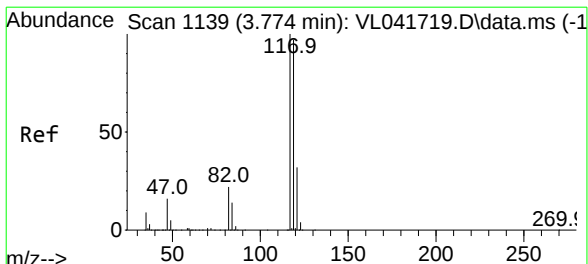
Tgt Ion: 114 Resp: 1374483
Ion Ratio Lower Upper
114 100
63 15.9 12.9 19.3
88 14.7 11.8 17.6



#34
2-Butanone
Concen: 0.007 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.007 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

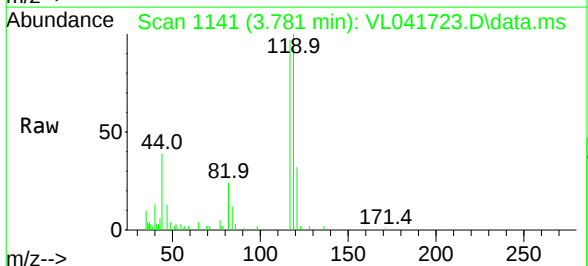
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
72 0.0 28.3 42.5#



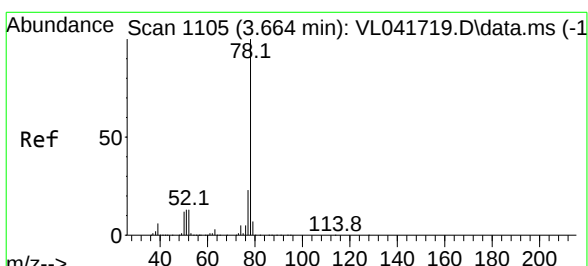
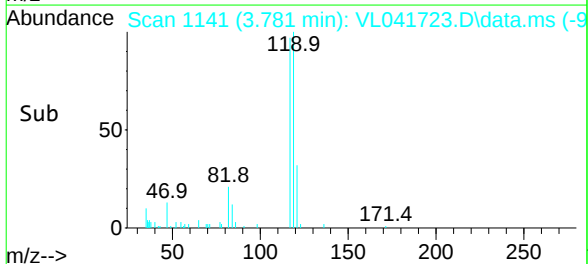
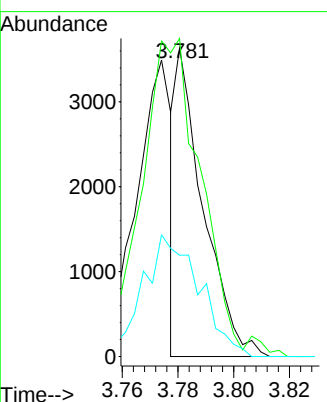


#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 3.781 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

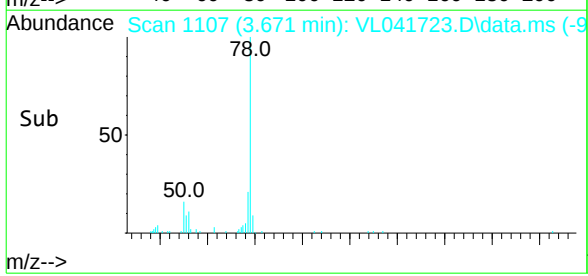
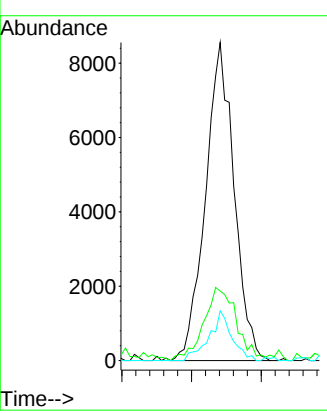
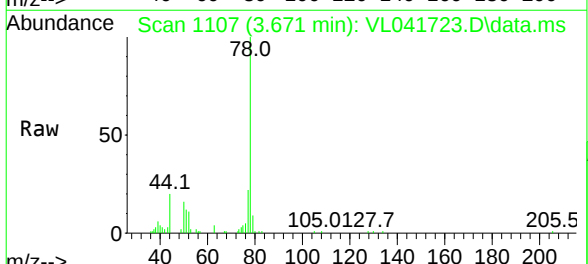


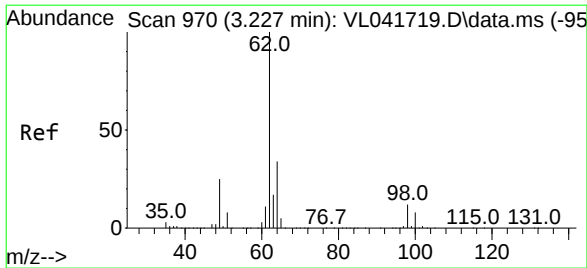
Tgt Ion:	117	Resp:	2483
Ion	Ratio	Lower	Upper
117	100		
119	101.7	77.7	116.5
121	32.8	25.5	38.3



#36
Benzene
Concen: 0.113 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion:	78	Resp:	12202
Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.6	27.8
50	15.7	9.5	14.3

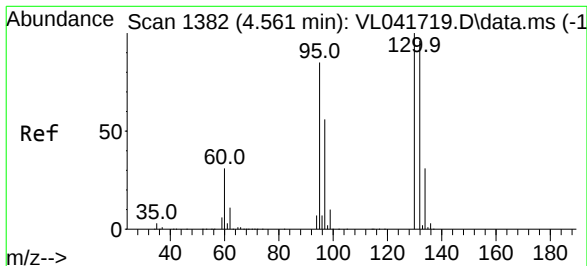
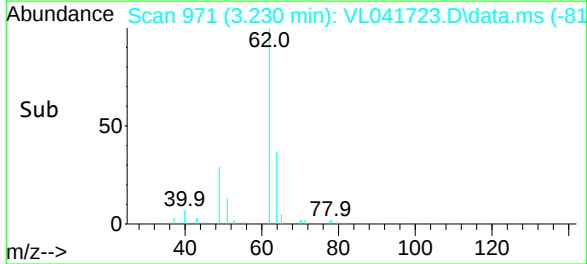
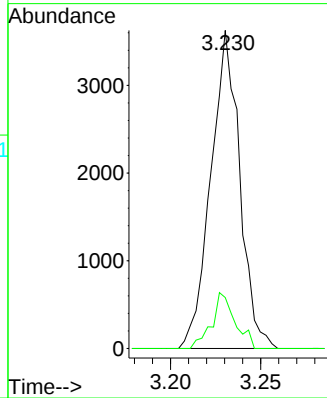
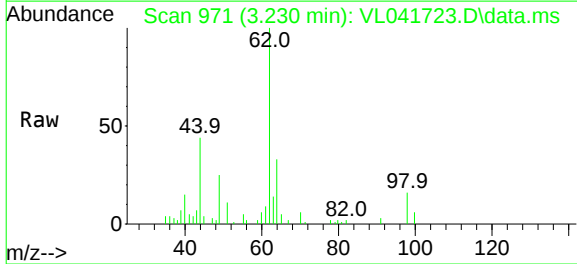




#37
1,2-Dichloroethane
Concen: 0.104 ppbv
RT: 3.230 min Scan# 97
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

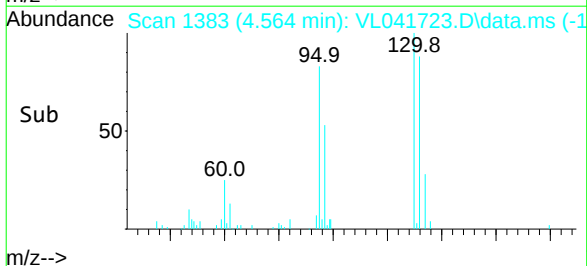
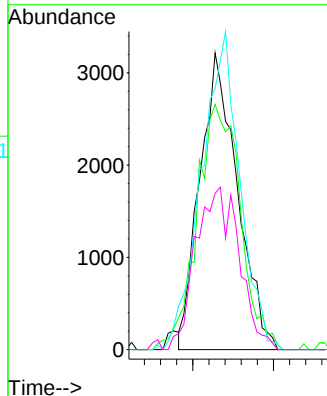
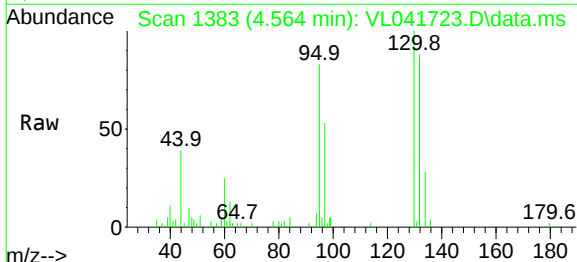
Instrument :
MSVOA_L
ClientSampleId :

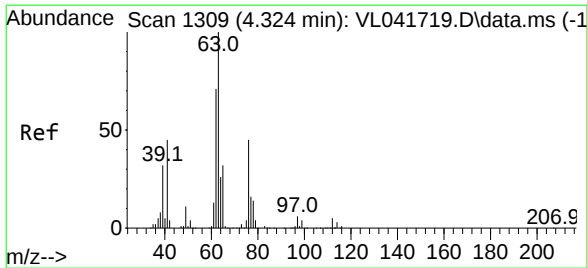
Tgt Ion: 62 Resp: 4041
Ion Ratio Lower Upper
62 100
98 14.1 9.4 14.2



#38
Trichloroethene
Concen: 0.093 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion:130 Resp: 5196
Ion Ratio Lower Upper
130 100
95 81.1 68.0 102.0
132 86.4 76.5 114.7
97 52.7 44.4 66.6

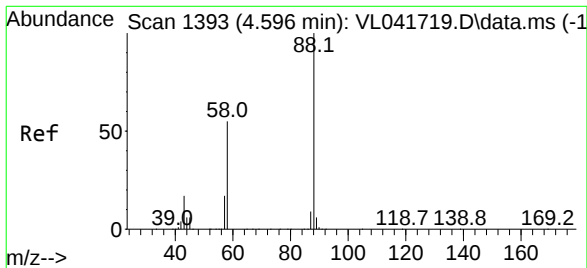
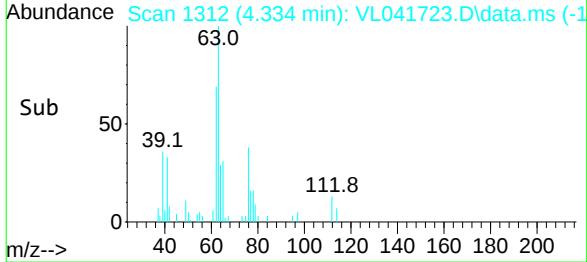
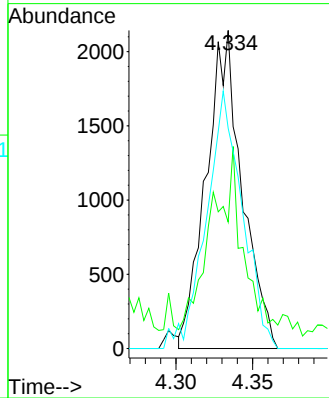
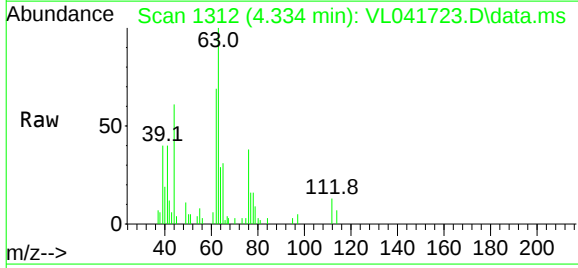




#39
1,2-Dichloropropane
Concen: 0.101 ppbv
RT: 4.334 min Scan# 13
Delta R.T. 0.010 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

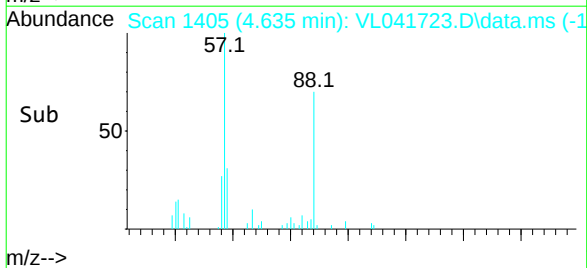
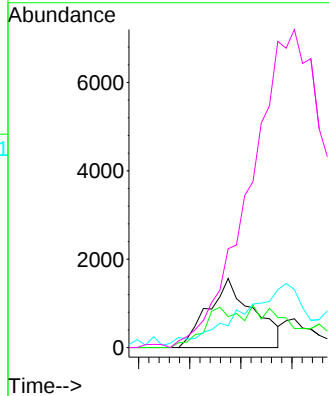
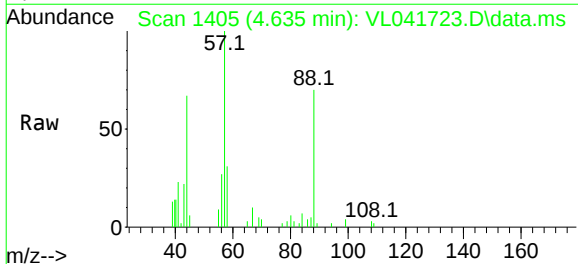
Instrument :
MSVOA_L
ClientSampleId :

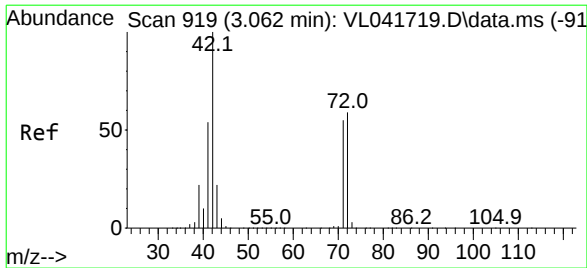
Tgt Ion: 63 Resp: 3487
Ion Ratio Lower Upper
63 100
41 33.8 36.4 54.6#
62 69.2 56.6 85.0



#40
1,4-Dioxane
Concen: 0.093 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.039 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 88 Resp: 1925
Ion Ratio Lower Upper
88 100
58 113.2 45.7 68.5#
43 0.0 0.0 0.0
57 0.0 0.0 0.0

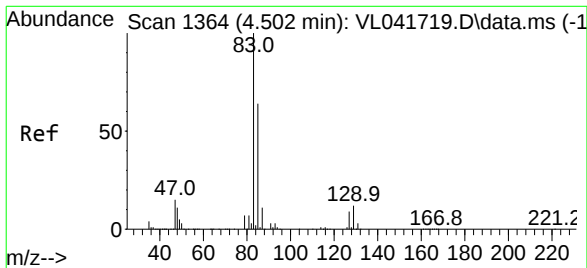
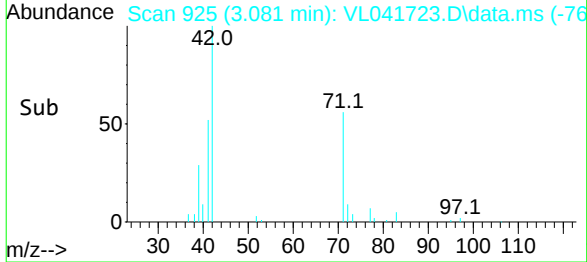
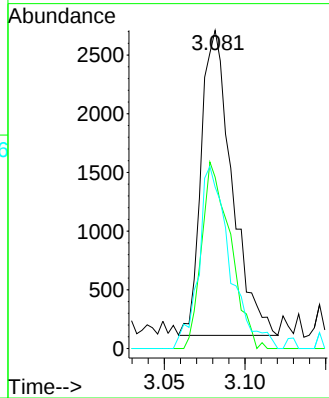
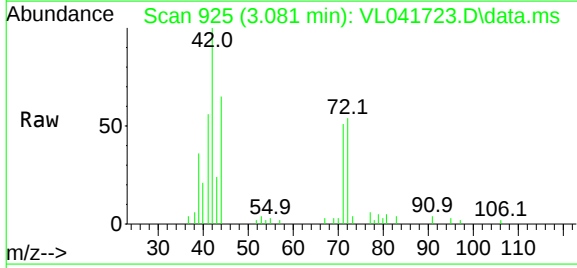




#41
Tetrahydrofuran
Concen: 0.118 ppbv
RT: 3.081 min Scan# 92
Delta R.T. 0.019 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

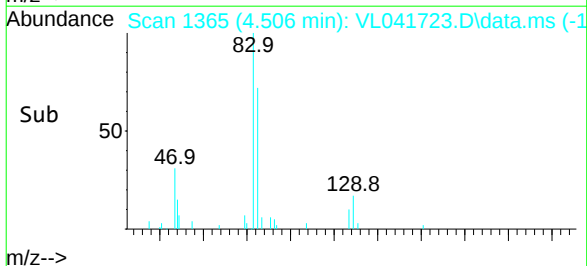
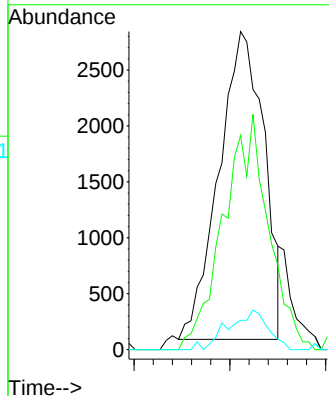
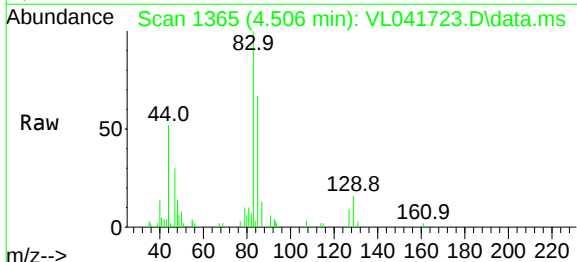
Instrument :
MSVOA_L
ClientSampleId :

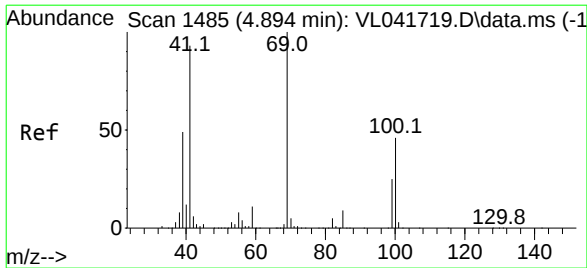
Tgt Ion:	42	Resp:	3430
Ion	Ratio	Lower	Upper
42	100		
72	57.1	47.4	71.0
71	61.5	44.4	66.6



#42
Bromodichloromethane
Concen: 0.072 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion:	83	Resp:	4525
Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.0	76.6
127	9.5	7.6	11.4

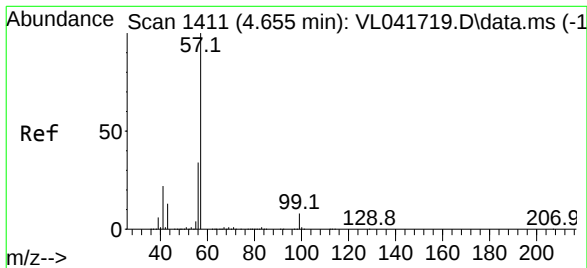
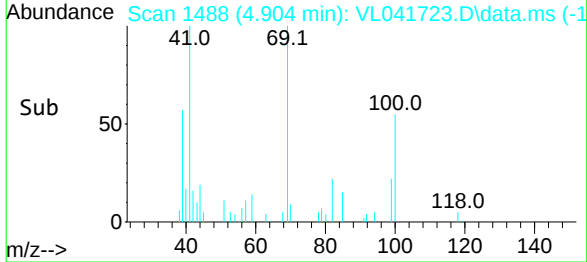
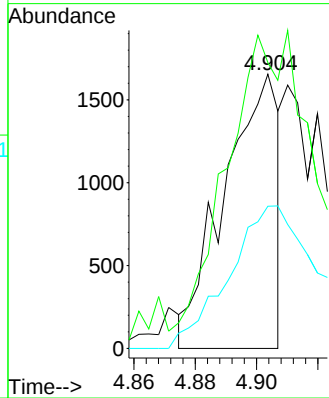
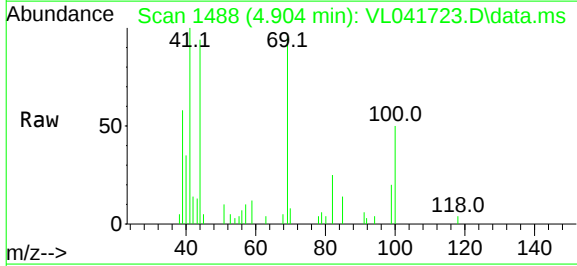




#43
Methyl Methacrylate
Concen: 0.052 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. 0.010 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

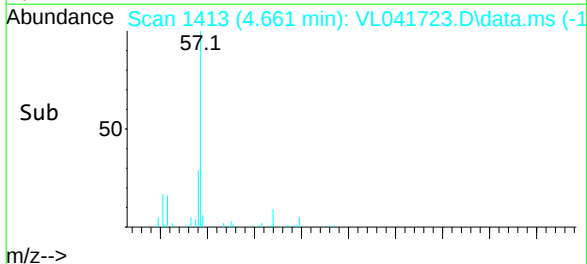
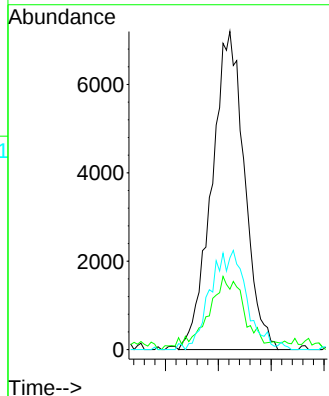
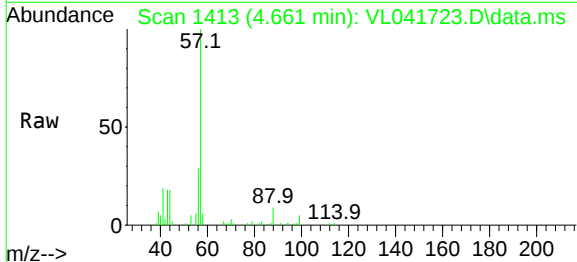
Instrument :
MSVOA_L
ClientSampleId :

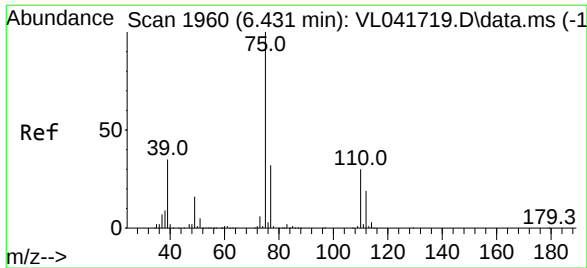
Tgt Ion: 69 Resp: 2027
Ion Ratio Lower Upper
69 100
41 0.0 74.6 112.0#
100 0.0 35.5 53.3#



#44
2,2,4-Trimethylpentane
Concen: 0.103 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 57 Resp: 15471
Ion Ratio Lower Upper
57 100
41 25.9 17.2 25.8#
56 34.8 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 0.049 ppbv

RT: 6.431 min Scan# 19

Delta R.T. -0.000 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

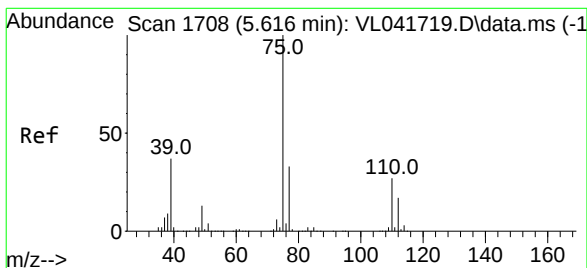
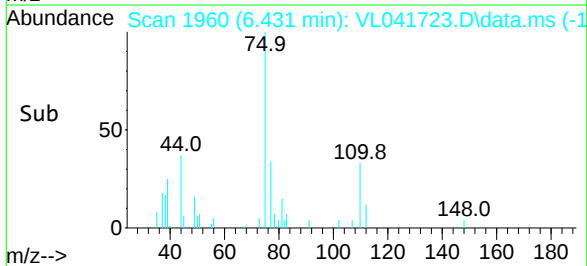
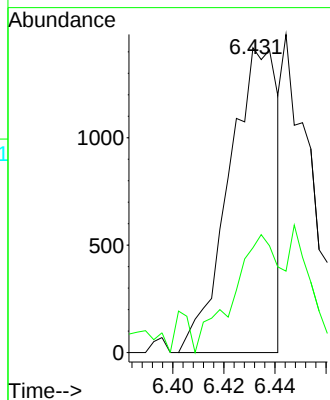
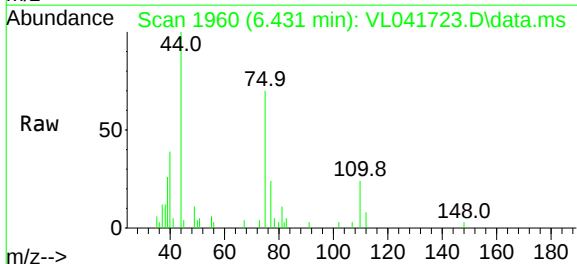
ClientSampleId :

Tgt Ion: 75 Resp: 1871

Ion Ratio Lower Upper

75 100

77 34.4 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 0.046 ppbv

RT: 5.619 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

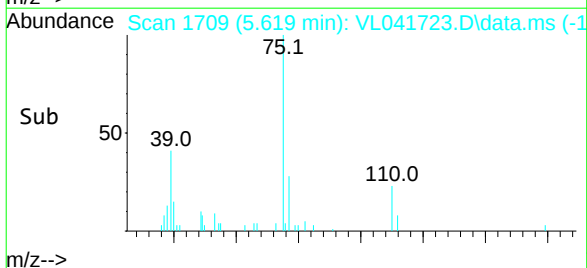
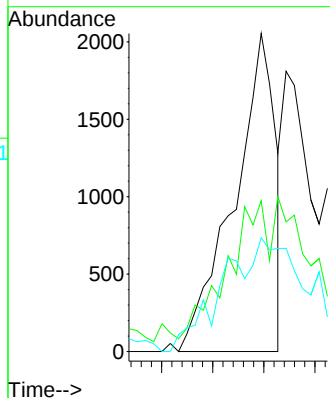
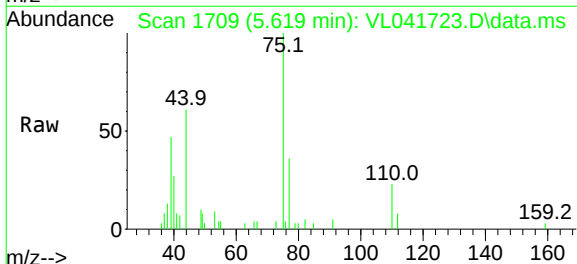
Tgt Ion: 75 Resp: 2305

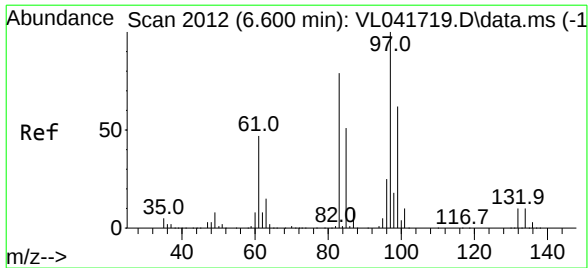
Ion Ratio Lower Upper

75 100

39 43.4 29.8 44.6

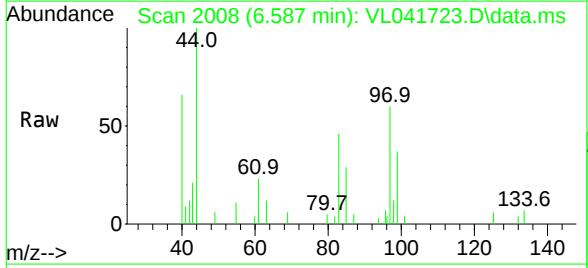
77 30.5 26.2 39.2



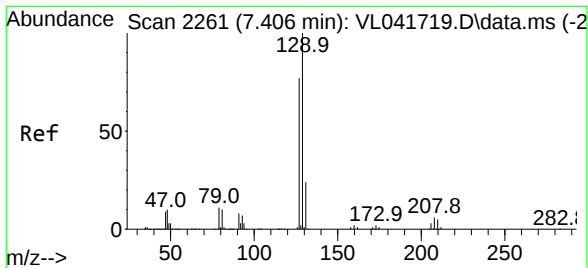
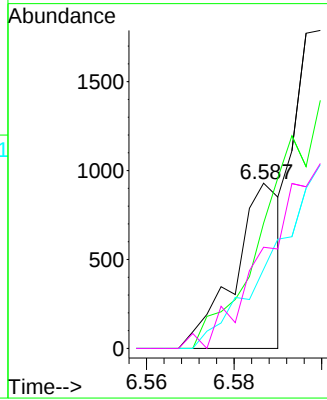
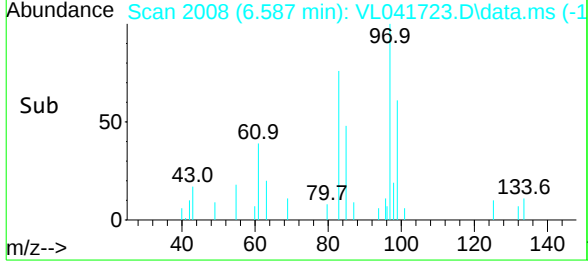


#47
1,1,2-Trichloroethane
Concen: 0.015 ppbv
RT: 6.587 min Scan# 208
Delta R.T. -0.013 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

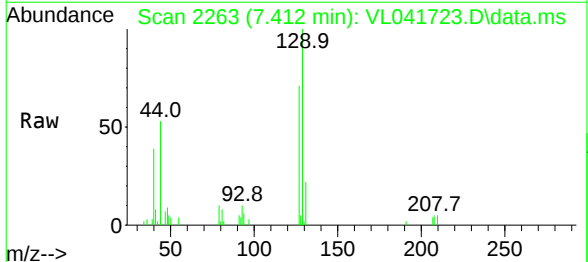
Instrument :
MSVOA_L
ClientSampleId :



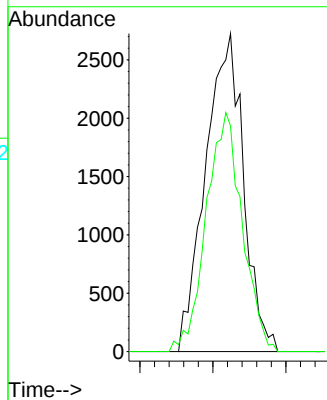
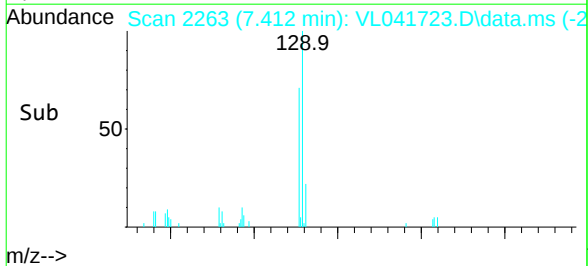
Tgt Ion:	97	Resp:	680
Ion	Ratio	Lower	Upper
97	100		
83	75.8	63.0	94.4
85	47.9	41.0	61.6
99	61.2	49.8	74.6

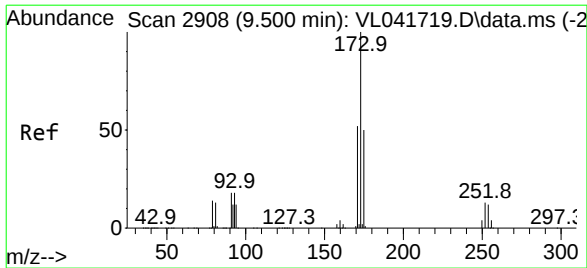


#48
Dibromochloromethane
Concen: 0.074 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17



Tgt Ion:	129	Resp:	4916
Ion	Ratio	Lower	Upper
129	100		
127	71.3	38.6	115.7





#49

Bromoform

Concen: 0.066 ppbv

RT: 9.503 min Scan# 29

Delta R.T. 0.003 min

Lab File: VL041723.D

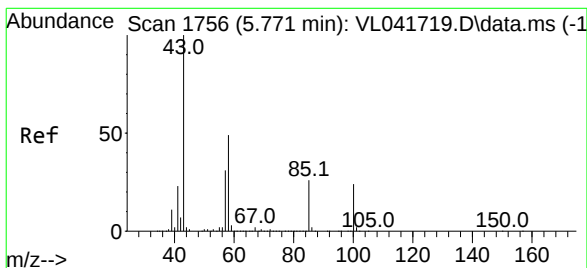
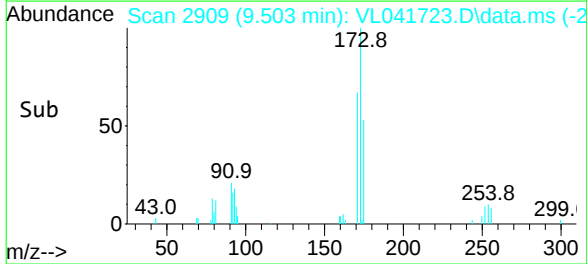
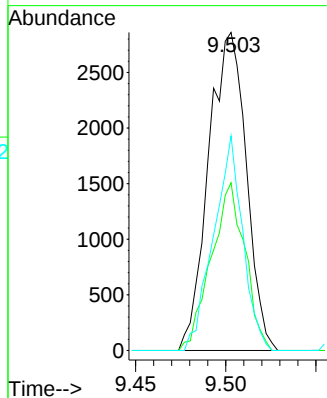
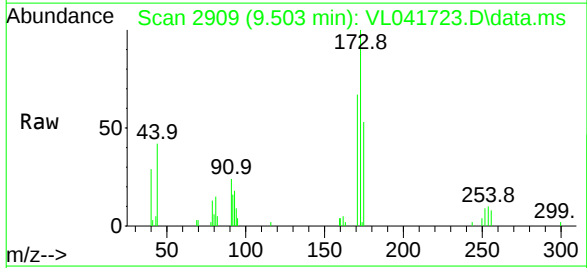
Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 173	Resp: 4158
Ion Ratio	Lower Upper
173 100	
175 47.1	39.5 59.3
171 52.2	41.4 62.0



#50

4-Methyl-2-Pentanone

Concen: 0.052 ppbv

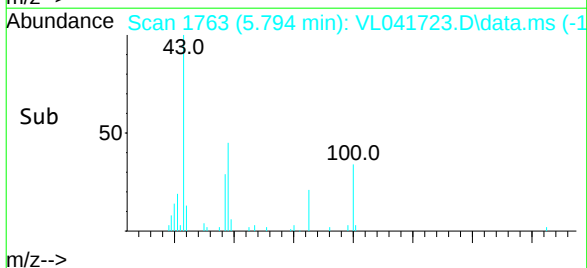
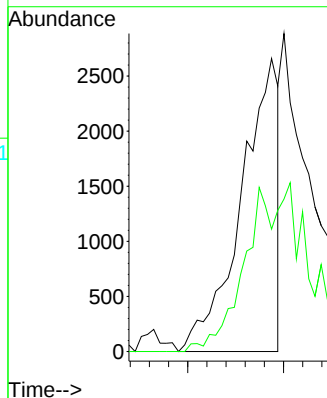
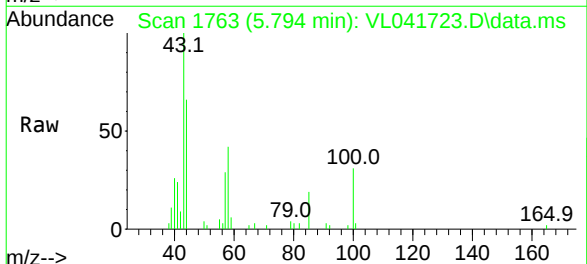
RT: 5.794 min Scan# 1763

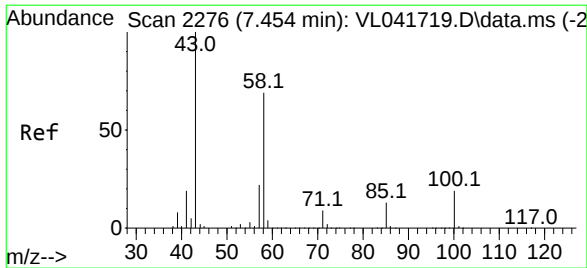
Delta R.T. 0.023 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Tgt Ion: 43	Resp: 3612
Ion Ratio	Lower Upper
43 100	
58 0.0	38.9 58.3





#51

2-Hexanone

Concen: 0.095 ppbv

RT: 7.467 min Scan# 2276

Delta R.T. 0.013 min

Lab File: VL041723.D

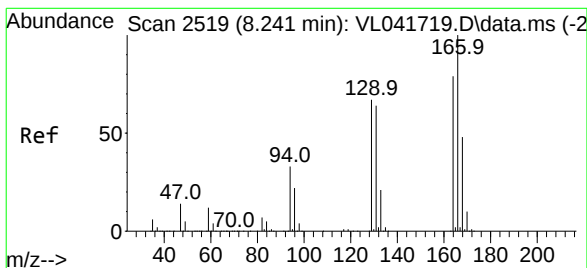
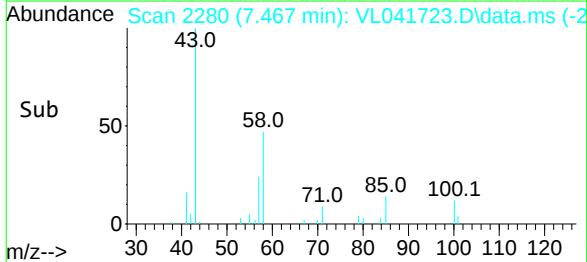
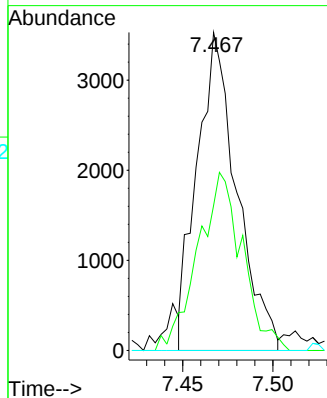
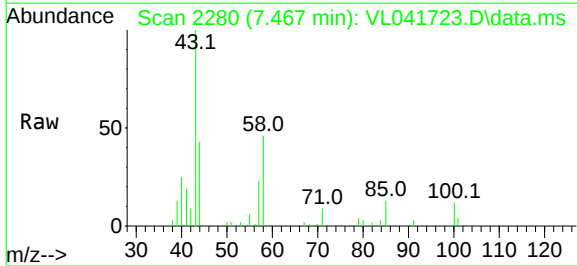
Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43	Resp: 5406
Ion Ratio	Lower Upper
43 100	
58 62.6	54.2 81.4
98 0.0	0.2 0.2#



#52

Tetrachloroethene

Concen: 0.103 ppbv

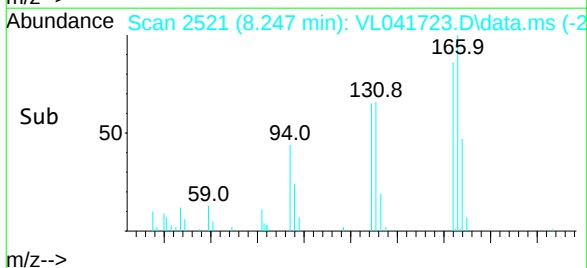
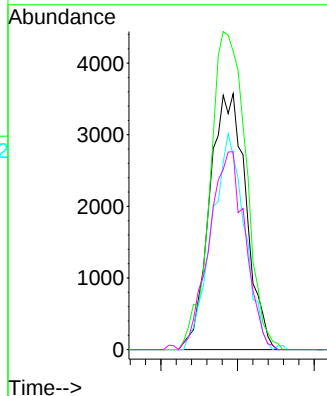
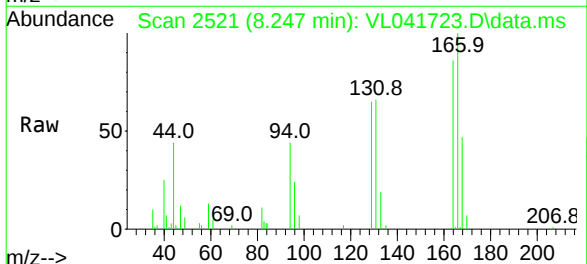
RT: 8.247 min Scan# 2521

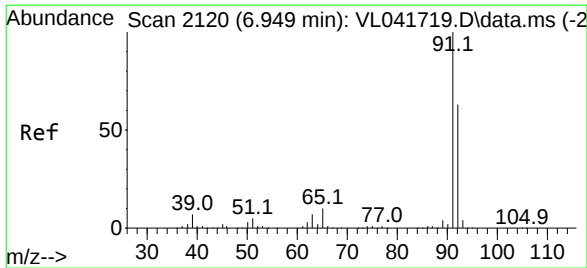
Delta R.T. 0.006 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Tgt Ion: 164	Resp: 5884
Ion Ratio	Lower Upper
164 100	
166 116.5	101.4 152.0
129 75.7	67.6 101.4
131 77.3	65.3 97.9





#53

Toluene

Concen: 0.098 ppbv

RT: 6.956 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

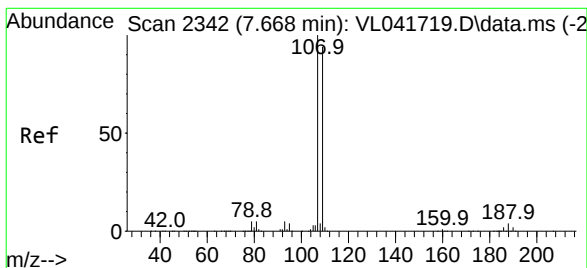
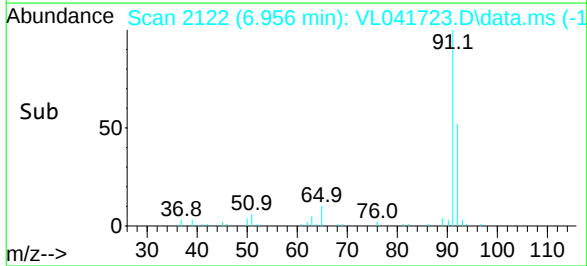
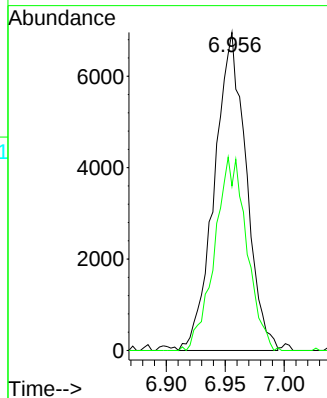
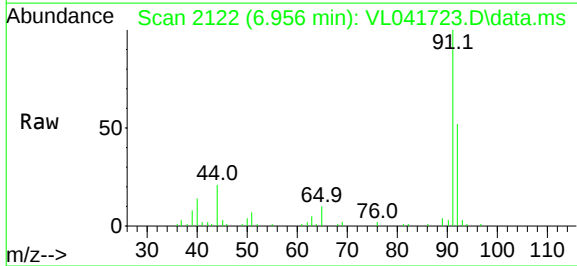
ClientSampleId :

Tgt Ion: 91 Resp: 13013

Ion Ratio Lower Upper

91 100

92 61.6 49.7 74.5



#54

1,2-Dibromoethane

Concen: 0.092 ppbv

RT: 7.677 min Scan# 2345

Delta R.T. 0.010 min

Lab File: VL041723.D

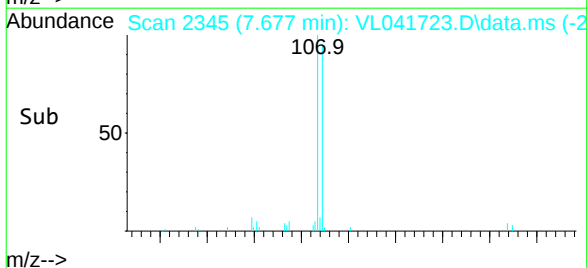
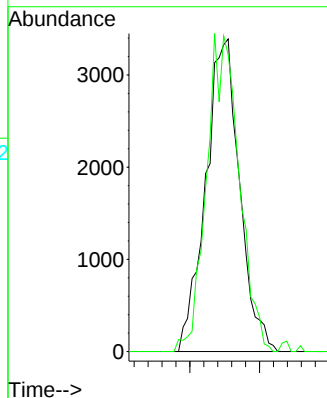
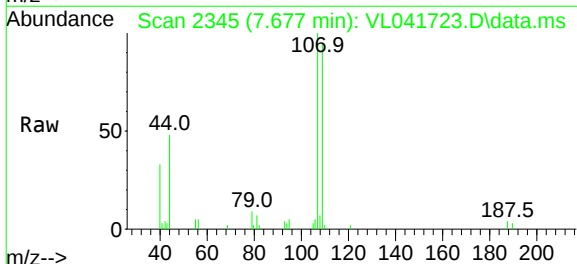
Acq: 11 Dec 2024 16:17

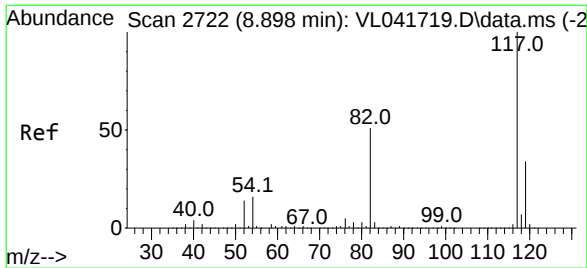
Tgt Ion: 107 Resp: 5743

Ion Ratio Lower Upper

107 100

109 95.0 75.5 113.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 27

Delta R.T. -0.000 min

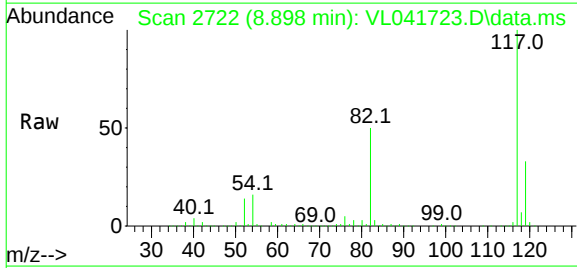
Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



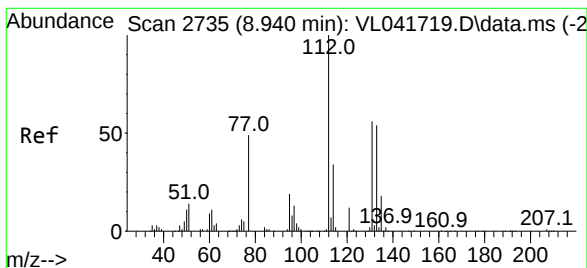
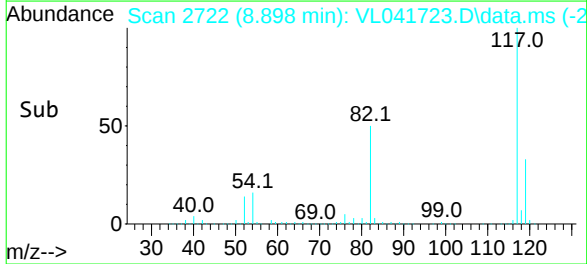
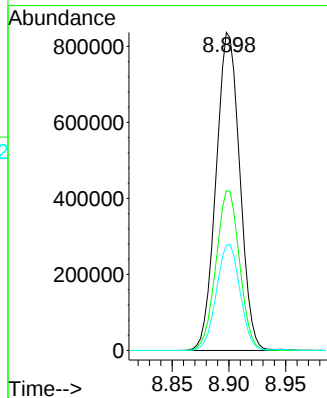
Tgt Ion:117 Resp: 1217003

Ion Ratio Lower Upper

117 100

82 50.0 41.3 61.9

119 33.5 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.089 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

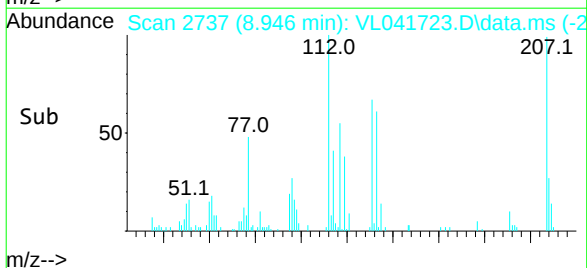
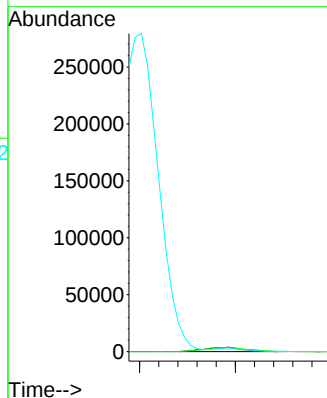
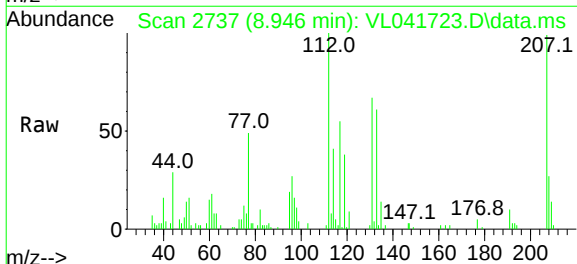
Tgt Ion:131 Resp: 5020

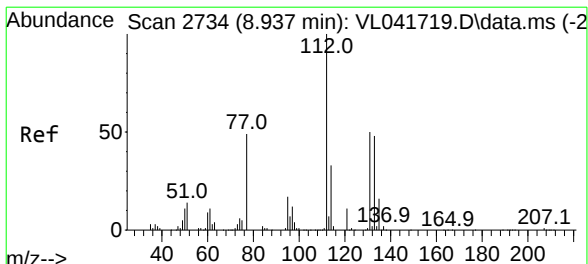
Ion Ratio Lower Upper

131 100

133 114.7 76.9 115.3

119 8133.2 52.6 78.8#

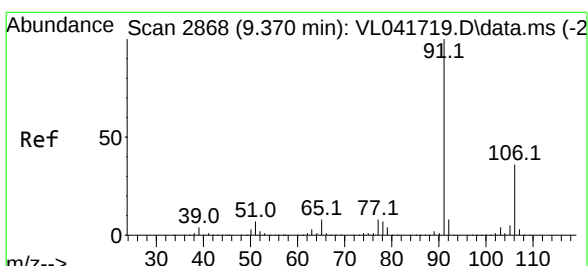
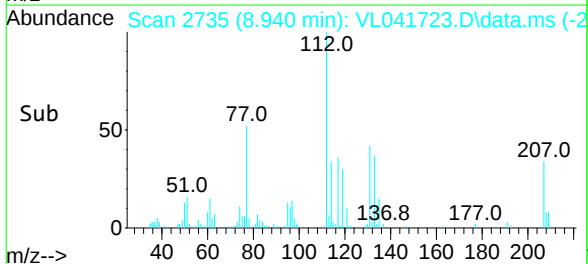
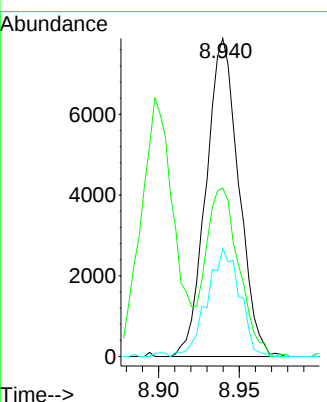
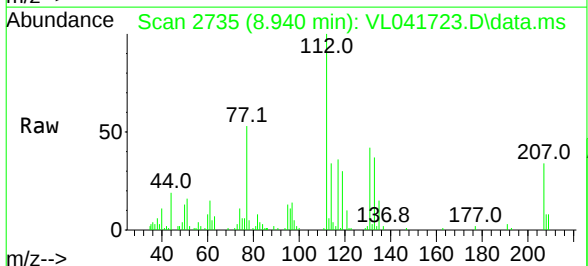




#57
 Chlorobenzene
 Concen: 0.100 ppbv
 RT: 8.940 min Scan# 2735
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

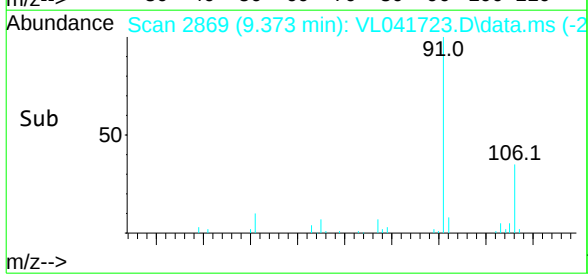
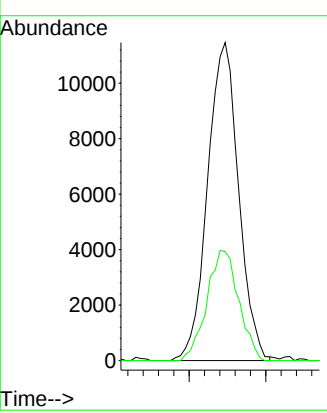
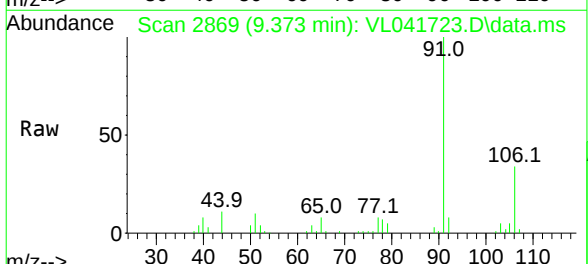
Instrument :
 MSVOA_L
 ClientSampleId :

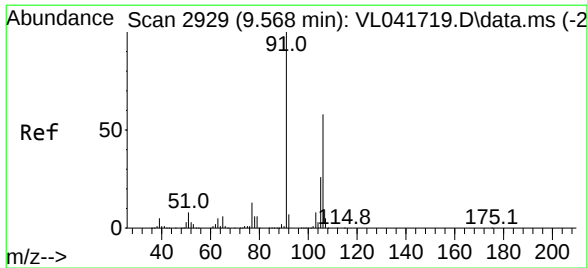
Tgt Ion:	112	Resp:	11077
Ion	Ratio	Lower	Upper
112	100		
77	53.0	40.1	60.1
114	37.5	30.2	36.9



#58
 Ethyl Benzene
 Concen: 0.099 ppbv
 RT: 9.373 min Scan# 2869
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

Tgt Ion:	91	Resp:	16118
Ion	Ratio	Lower	Upper
91	100		
106	34.3	28.6	43.0

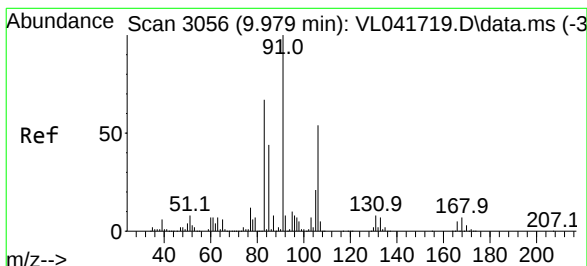
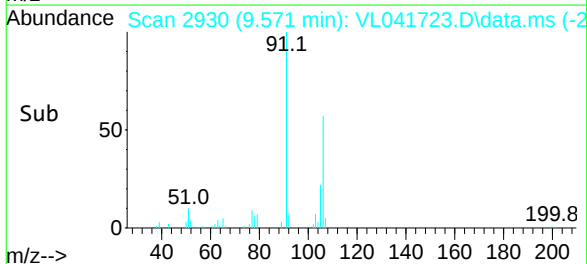
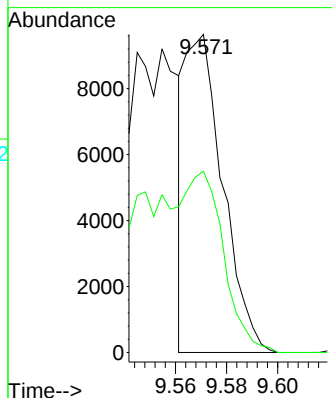
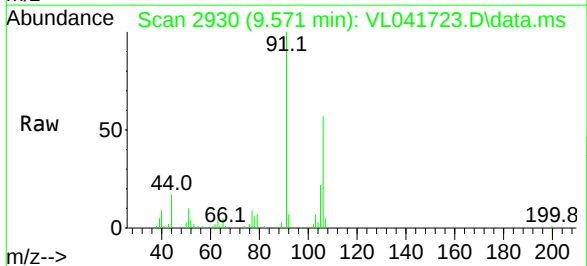




#59
m/p-Xylene
Concen: 0.079 ppbv
RT: 9.571 min Scan# 2929
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

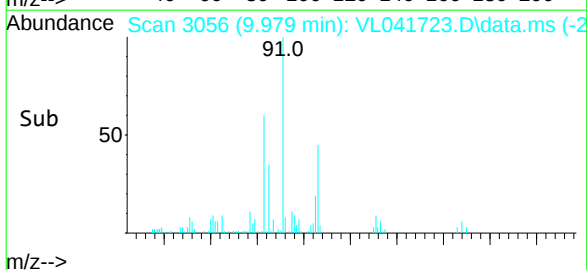
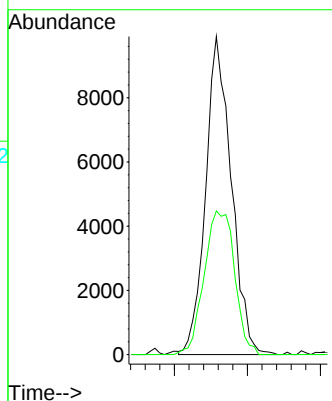
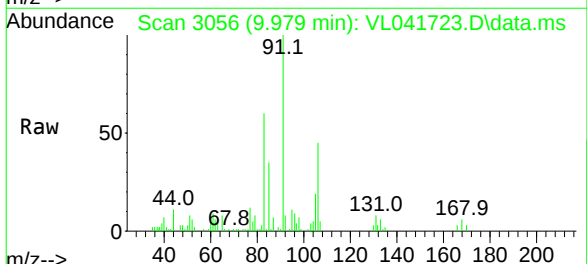
Instrument :
MSVOA_L
ClientSampleId :

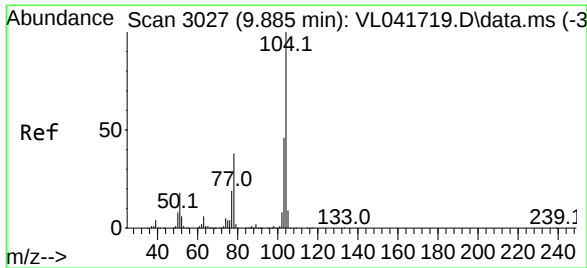
Tgt Ion: 91 Resp: 9832
Ion Ratio Lower Upper
91 100
106 131.6 45.1 67.7#



#60
o-Xylene
Concen: 0.098 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 91 Resp: 12098
Ion Ratio Lower Upper
91 100
106 53.5 26.8 80.4





#61

Styrene

Concen: 0.082 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. -0.000 min

Lab File: VL041723.D

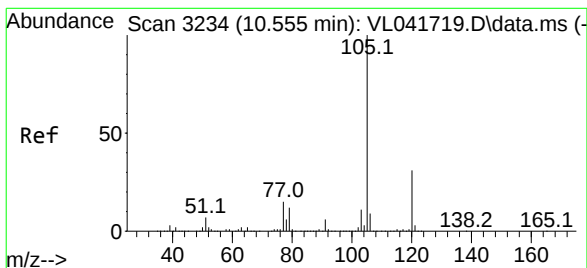
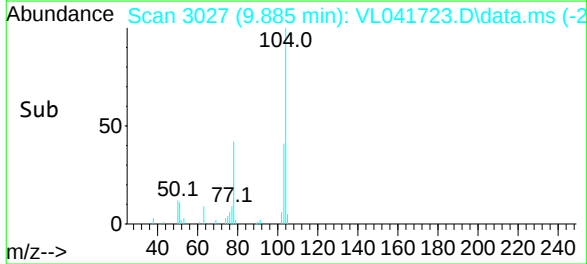
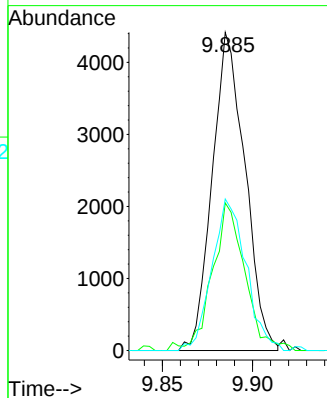
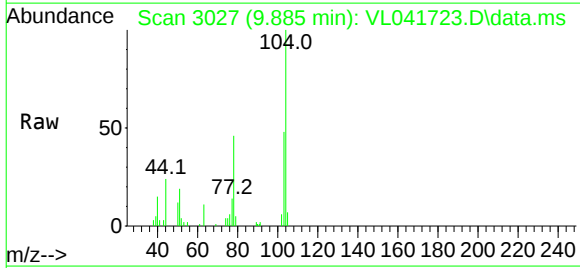
Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	104	Resp:	5579
Ion	Ratio	Lower	Upper
104	100		
78	46.6	30.2	45.4
103	49.8	36.7	55.1



#62

Isopropylbenzene

Concen: 0.099 ppbv

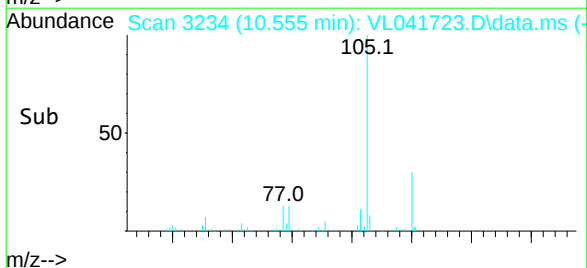
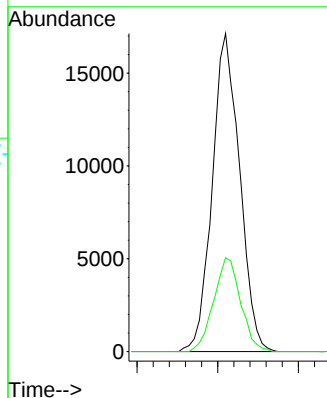
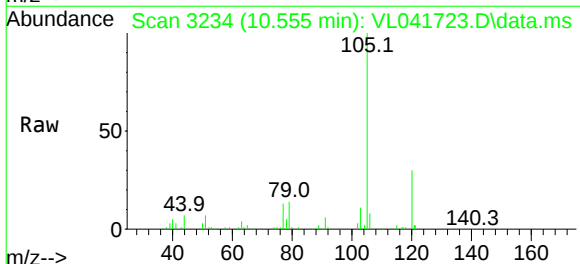
RT: 10.555 min Scan# 3234

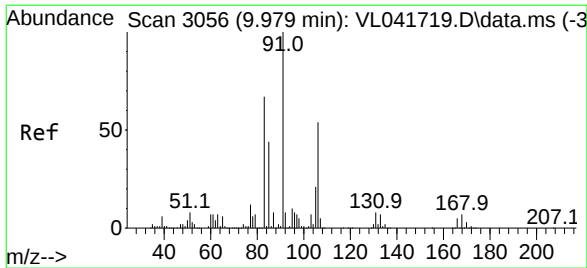
Delta R.T. -0.000 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

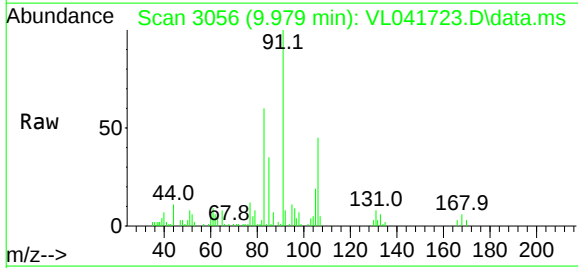
Tgt Ion:	105	Resp:	20174
Ion	Ratio	Lower	Upper
105	100		
120	29.0	24.3	36.5



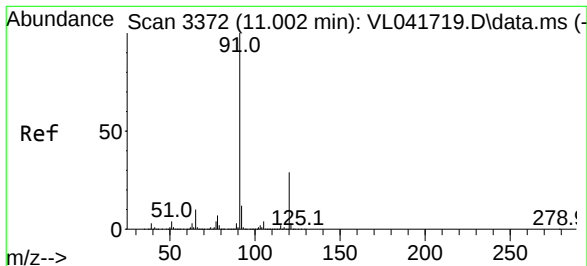
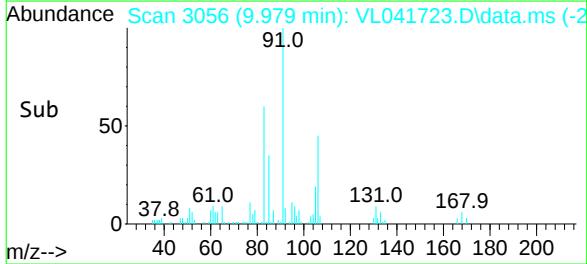
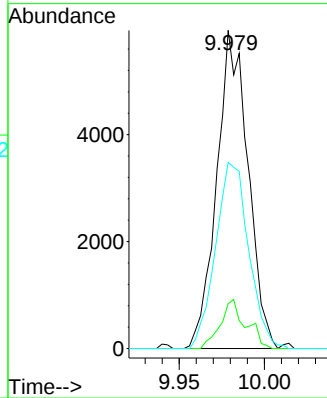


#63
1,1,2,2-Tetrachloroethane
Concen: 0.095 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

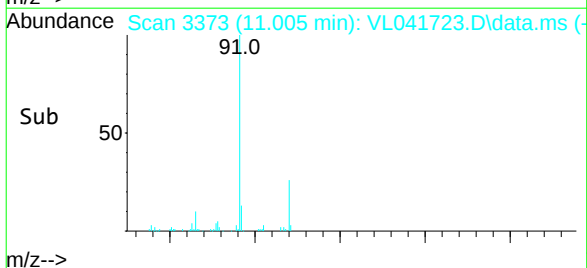
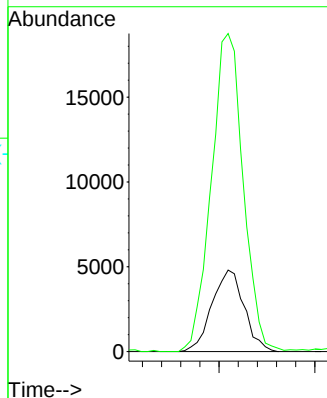
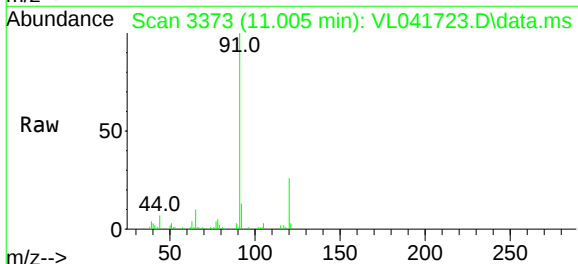


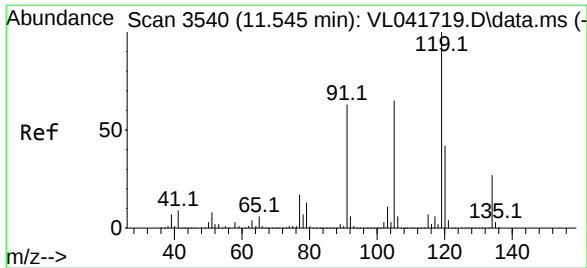
Tgt Ion: 83 Resp: 7566
Ion Ratio Lower Upper
83 100
131 12.6 5.9 17.6
85 62.3 32.8 98.4



#64
n-propylbenzene
Concen: 0.093 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion: 120 Resp: 5599
Ion Ratio Lower Upper
120 100
91 388.2 290.8 436.2





#65

tert-Butylbenzene

Concen: 0.092 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.000 min

Lab File: VL041723.D

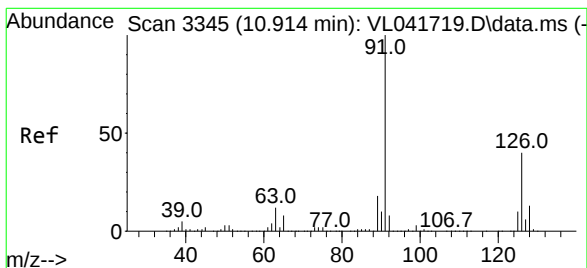
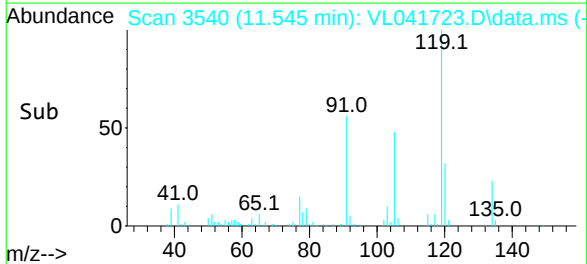
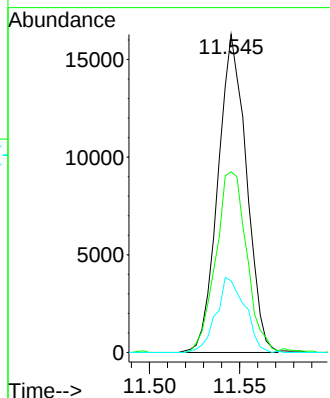
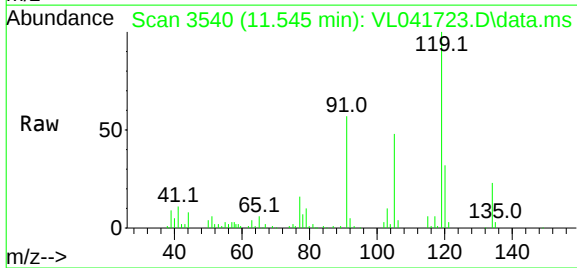
Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	17838
Ion	Ratio	Lower	Upper
119	100		
91	62.5	50.2	75.4
134	24.0	20.4	30.6



#66

Benzyl Chloride

Concen: 0.095 ppbv

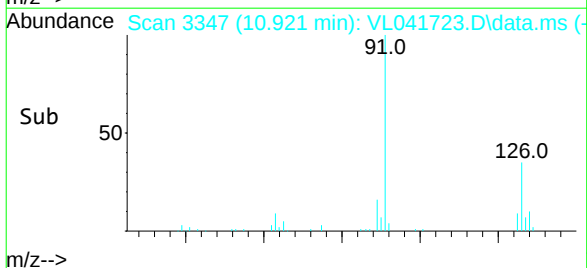
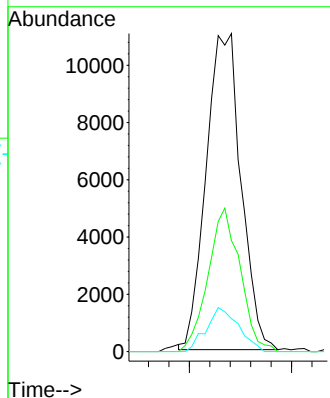
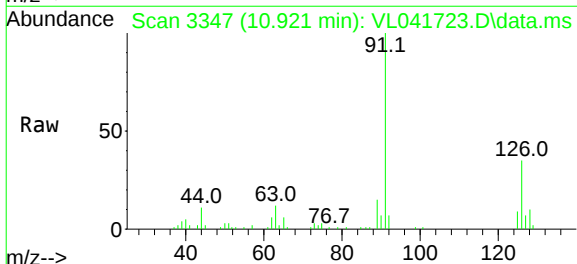
RT: 10.921 min Scan# 3347

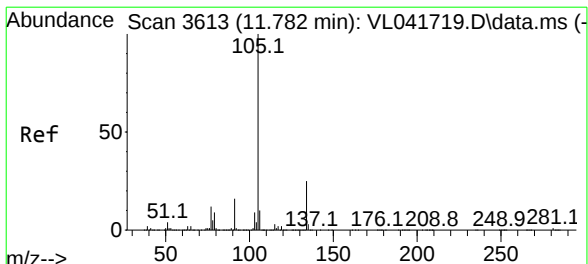
Delta R.T. 0.006 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Tgt Ion:	91	Resp:	13129
Ion	Ratio	Lower	Upper
91	100		
126	41.6	31.8	47.8
128	12.9	10.3	15.5

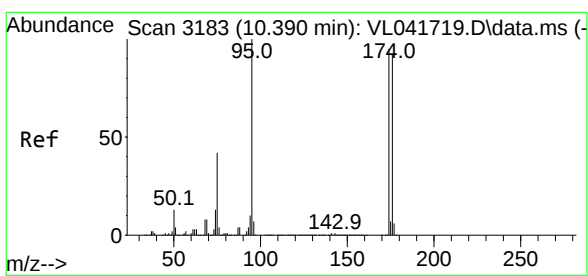
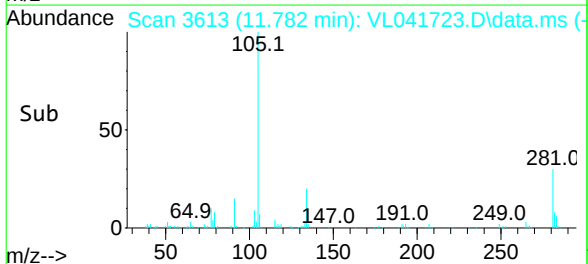
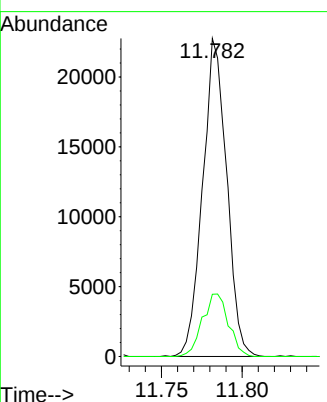
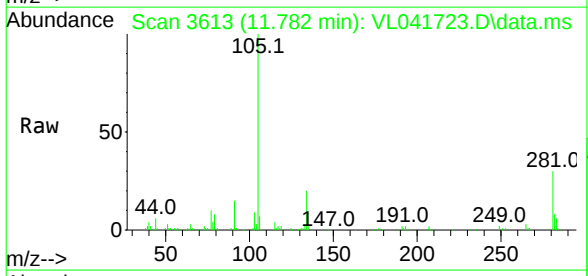




#67
 sec-Butylbenzene
 Concen: 0.094 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

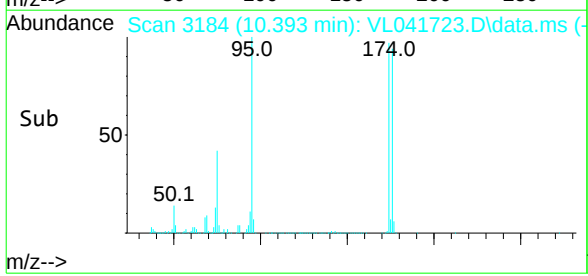
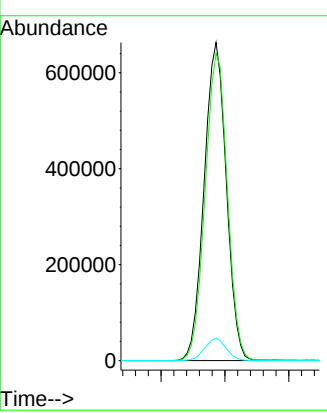
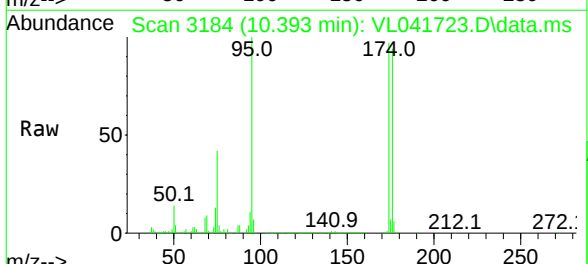
Instrument :
 MSVOA_L
 ClientSampleId :

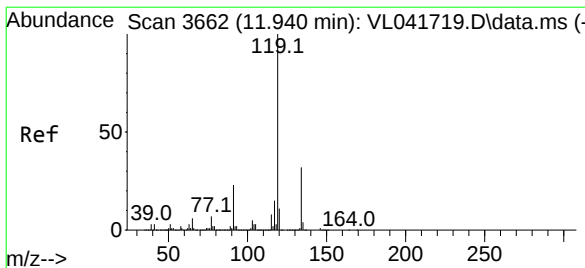
Tgt Ion:	105	Resp:	23562
Ion Ratio	Lower	Upper	
105	100		
134	21.2	19.3	28.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.005 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

Tgt Ion:	95	Resp:	800482
Ion Ratio	Lower	Upper	
95	100		
174	96.8	76.7	115.1
175	6.8	5.4	8.2





#69

p-Isopropyltoluene

Concen: 0.084 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. -0.000 min

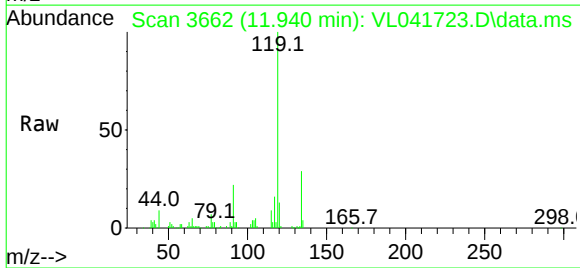
Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

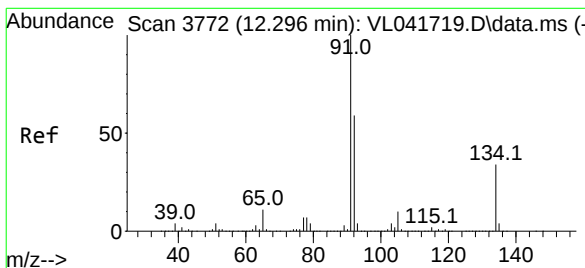
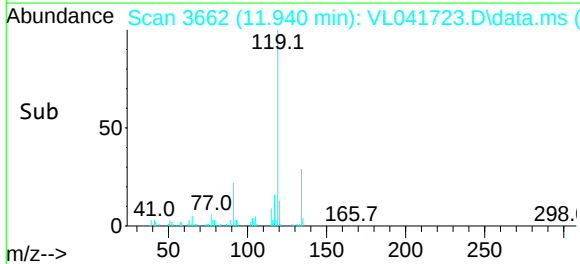
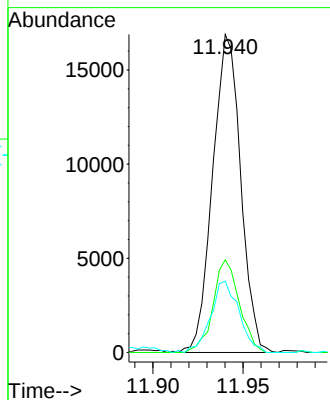
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	119	Resp:	18248
Ion	Ratio	Lower	Upper
119	100		
134	27.2	24.6	36.8
91	22.7	17.8	26.8



#70

n-Butylbenzene

Concen: 0.085 ppbv

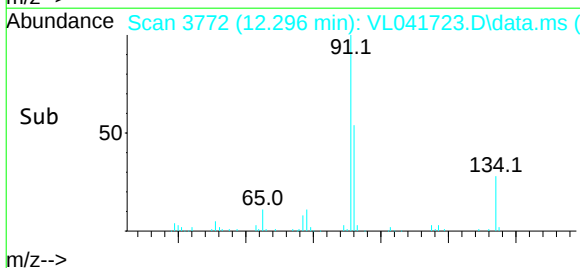
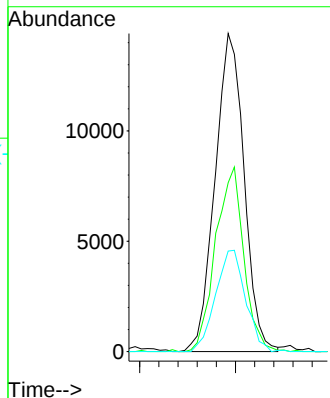
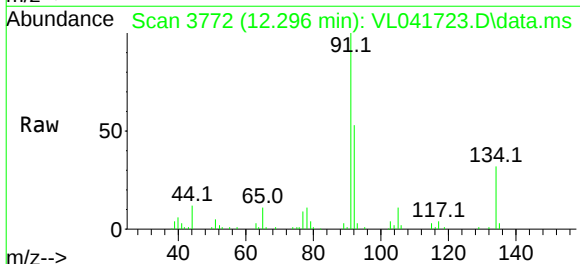
RT: 12.296 min Scan# 3772

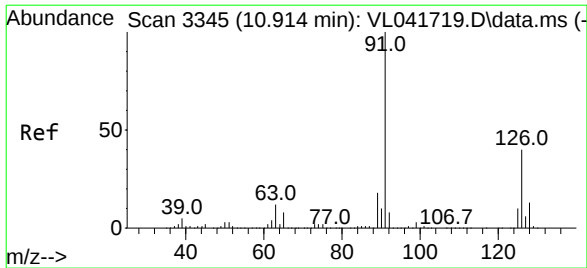
Delta R.T. -0.000 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Tgt Ion:	91	Resp:	15191
Ion	Ratio	Lower	Upper
91	100		
92	56.5	46.7	70.1
134	32.9	26.2	39.4





#71

2-Chlorotoluene

Concen: 0.095 ppbv

RT: 10.921 min Scan# 3345

Delta R.T. 0.006 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

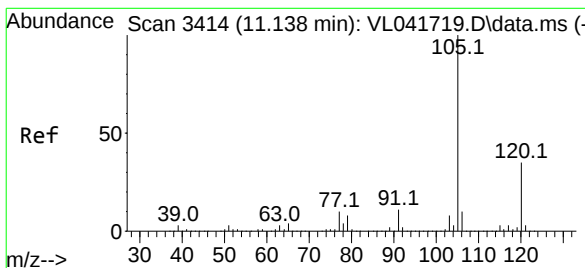
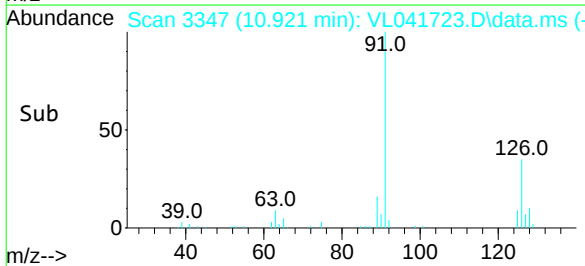
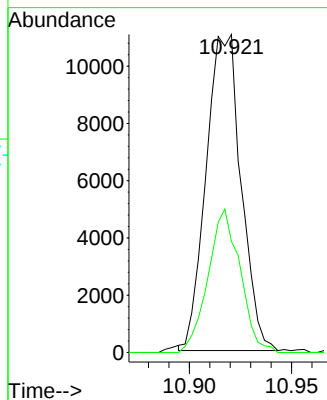
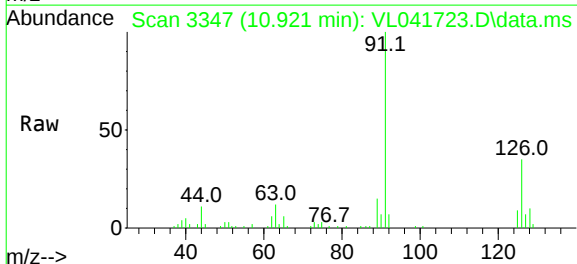
ClientSampleId :

Tgt Ion: 91 Resp: 13129

Ion Ratio Lower Upper

91 100

126 41.6 15.9 63.7



#72

4-Ethyltoluene

Concen: 0.089 ppbv

RT: 11.141 min Scan# 3415

Delta R.T. 0.003 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Tgt Ion: 105 Resp: 14175

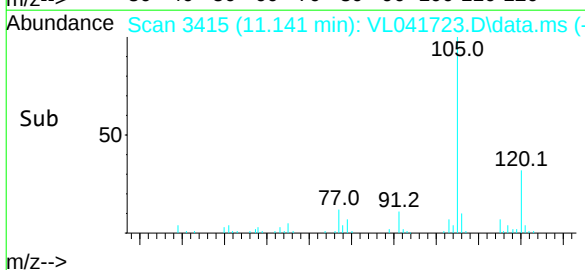
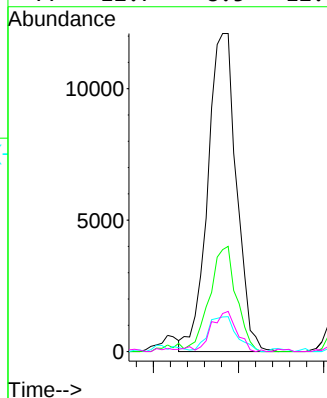
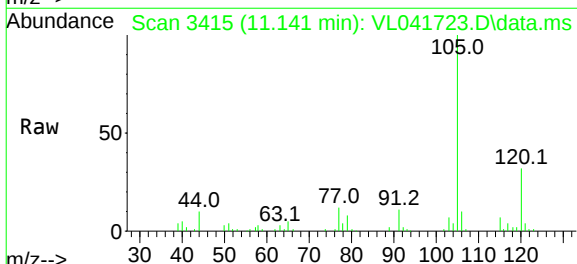
Ion Ratio Lower Upper

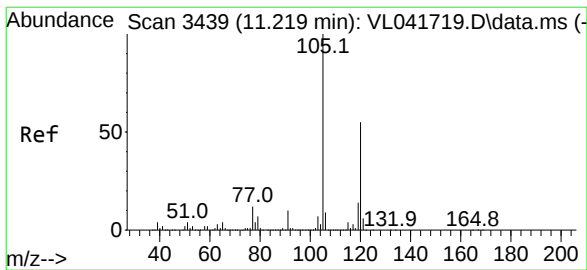
105 100

120 32.4 28.0 42.0

91 13.2 8.8 13.2

77 12.7 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 0.087 ppbv

RT: 11.222 min Scan# 3439

Delta R.T. 0.003 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Instrument :

MSVOA_L

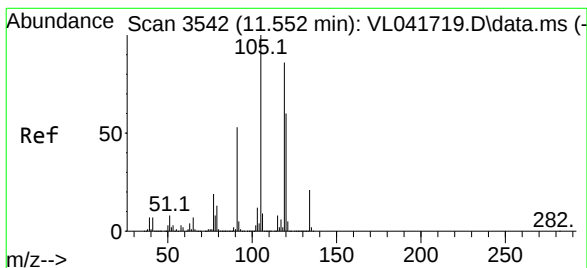
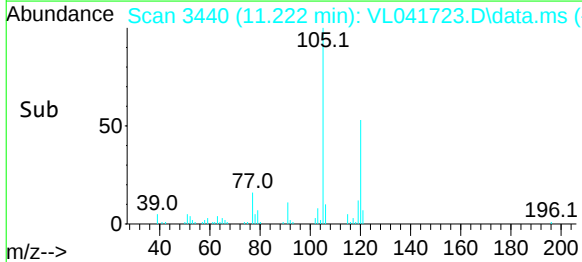
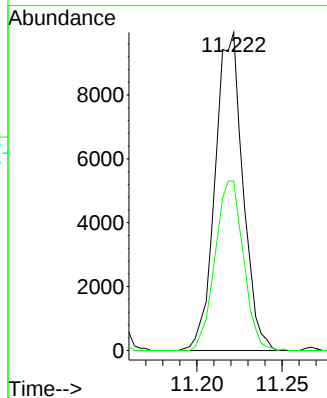
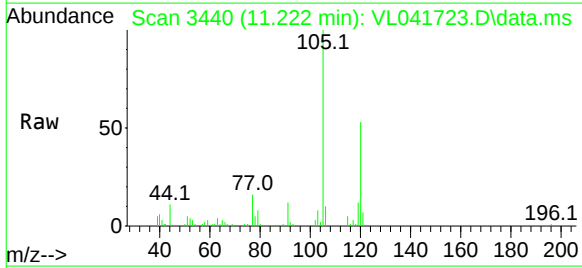
ClientSampleId :

Tgt Ion:105 Resp: 11258

Ion Ratio Lower Upper

105 100

120 53.3 43.6 65.4



#74

1,2,4-Trimethylbenzene

Concen: 0.092 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

Tgt Ion:105 Resp: 12934

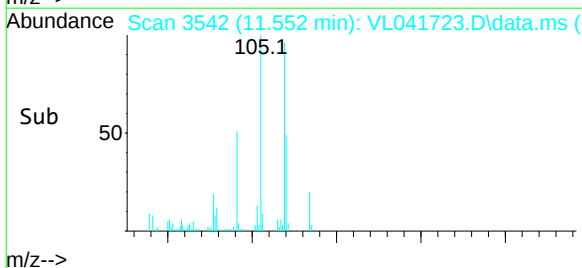
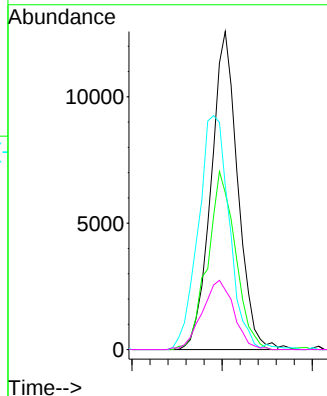
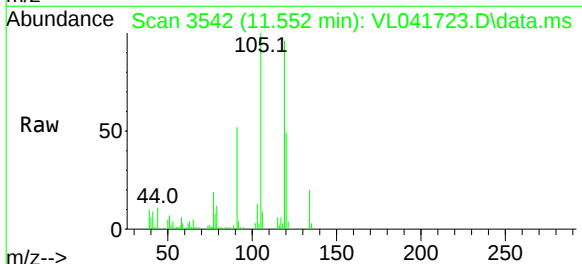
Ion Ratio Lower Upper

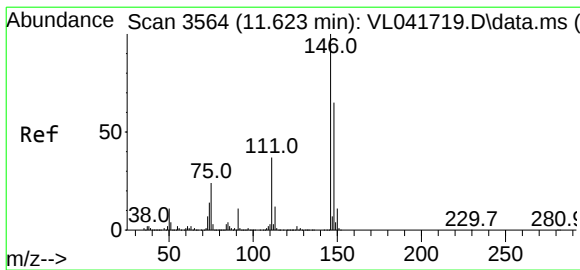
105 100

120 49.3 47.8 71.6

91 50.9 42.5 63.7

77 18.8 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 0.098 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. -0.000 min

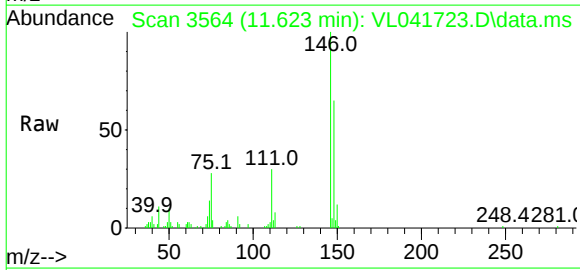
Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

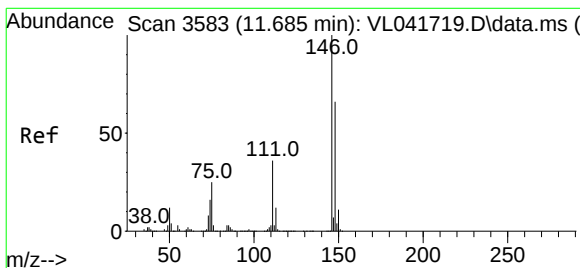
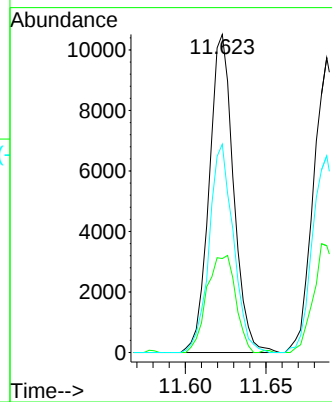
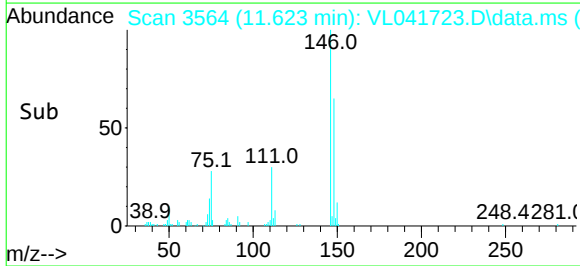
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	146	Resp:	11041
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.4	55.2
148	65.0	32.4	97.2



#76

1,4-Dichlorobenzene

Concen: 0.095 ppbv

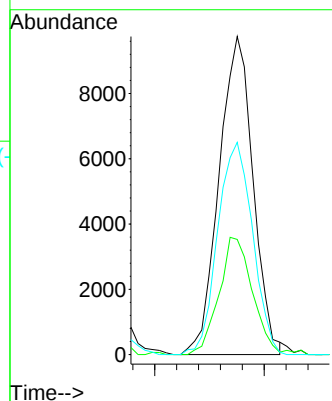
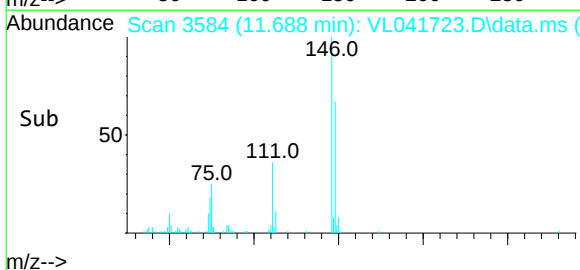
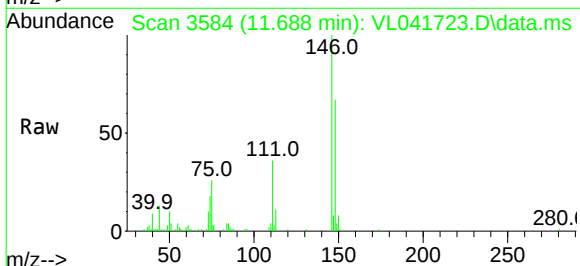
RT: 11.688 min Scan# 3584

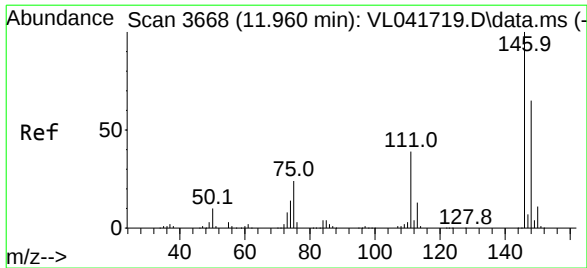
Delta R.T. 0.003 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

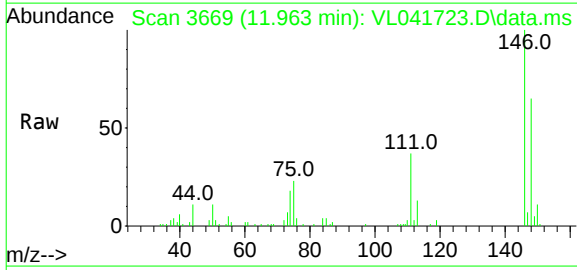
Tgt Ion:	146	Resp:	10530
Ion Ratio	Lower	Upper	
146	100		
111	36.7	17.8	53.4
148	68.4	32.4	97.2



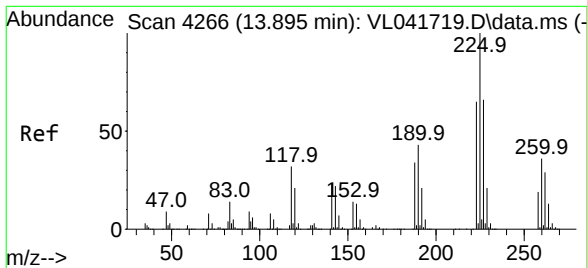
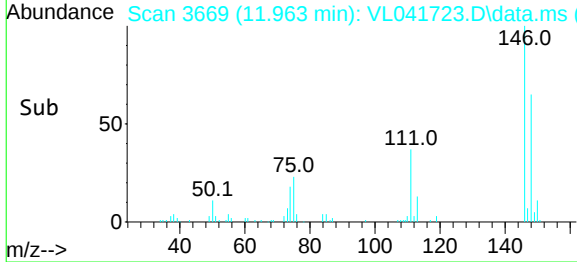
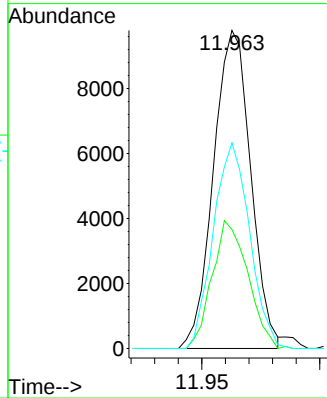


#77
1,2-Dichlorobenzene
Concen: 0.101 ppbv
RT: 11.963 min Scan# 3668
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :

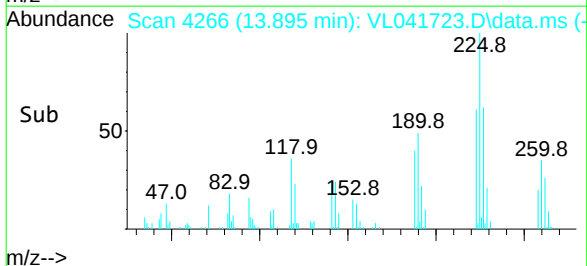
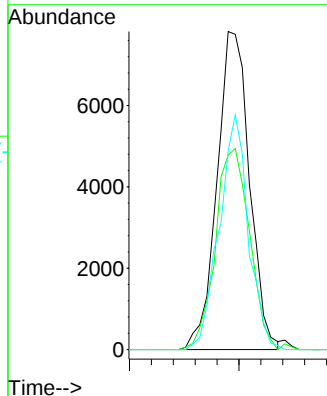
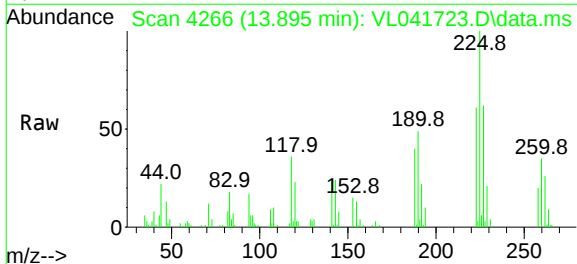


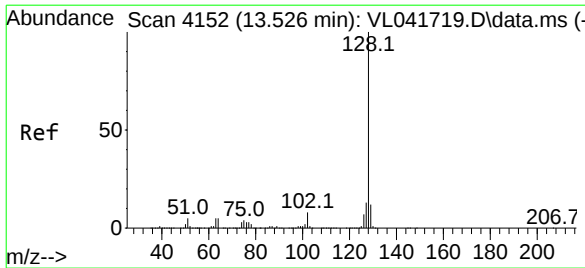
Tgt Ion:146 Resp: 10725
Ion Ratio Lower Upper
146 100
111 38.7 19.2 57.6
148 63.1 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.092 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

Tgt Ion:225 Resp: 8057
Ion Ratio Lower Upper
225 100
223 66.7 51.1 76.7
227 66.2 51.8 77.6





#79

Naphthalene

Concen: 0.082 ppbv

RT: 13.529 min Scan# 4152

Delta R.T. 0.003 min

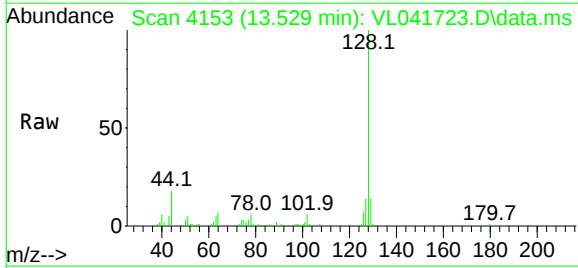
Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

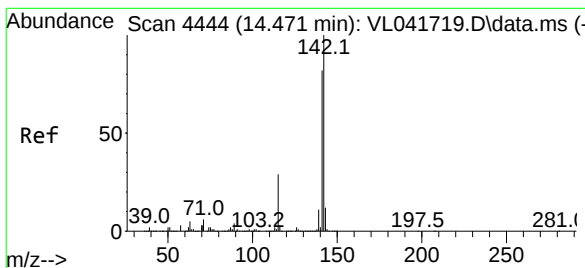
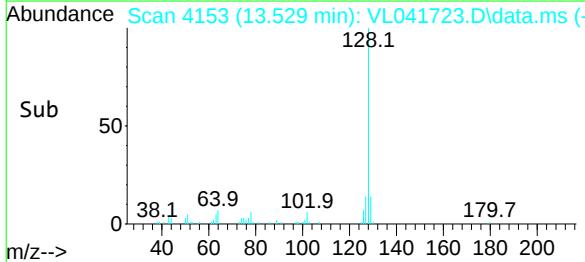
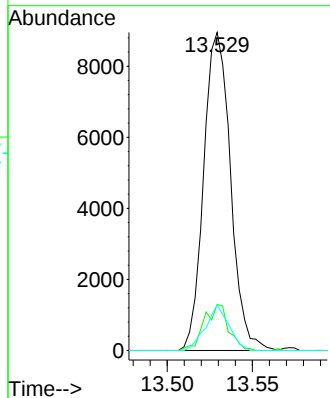
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	128	Resp:	9818
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.2
129	14.2	9.4	14.0



#80

Naphthalene, 2-methyl-

Concen: 0.038 ppbv

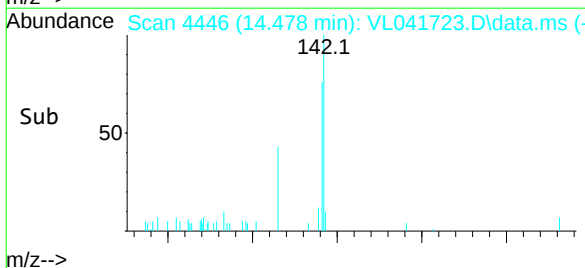
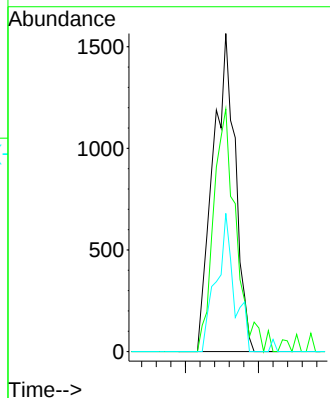
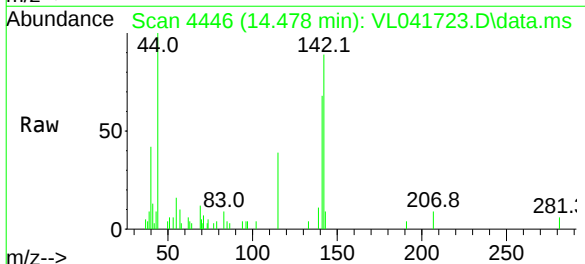
RT: 14.478 min Scan# 4446

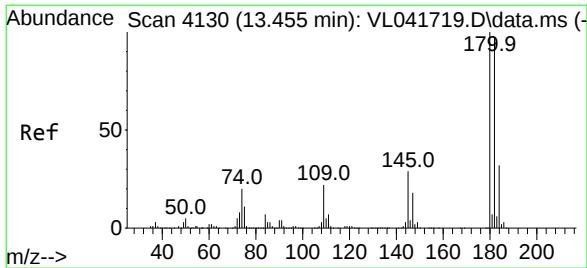
Delta R.T. 0.006 min

Lab File: VL041723.D

Acq: 11 Dec 2024 16:17

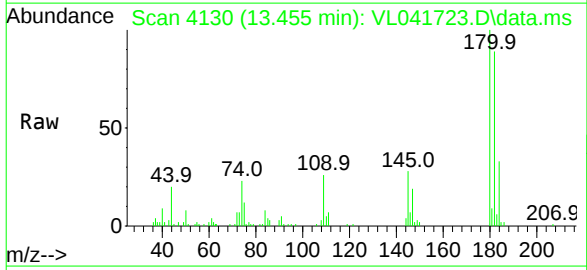
Tgt Ion:	142	Resp:	1664
Ion	Ratio	Lower	Upper
142	100		
141	76.9	66.0	99.0
115	34.7	22.8	34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.100 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041723.D
 Acq: 11 Dec 2024 16:17

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	7549
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.2	115.8
184	29.9	25.2	37.8

