

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041724.D
 Acq On : 11 Dec 2024 16:48
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:17:35 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	271460	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	1347505	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	1202636	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	782948	9.903	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.502	85	1710	0.036	ppbv	92
3) Chlorodifluoromethane	1.479	51	1496	0.040	ppbv	98
4) Chloromethane	1.538	50	909	0.072	ppbv #	86
5) Vinyl Chloride	1.583	62	583	0.038	ppbv #	64
6) Bromomethane	1.670	94	544	0.054	ppbv #	79
7) Chloroethane	1.709	64	248	0.037	ppbv #	10
8) Dichlorotetrafluoroethane	1.557	85	1334	0.034	ppbv	94
9) Propene	1.894	41	1697	0.108	ppbv	87
10) Heptane	5.004	43	1125	0.026	ppbv #	35
11) Trichlorofluoromethane	1.884	101	2089	0.038	ppbv	88
12) 1,1,2-Trichlorotrifluo...	2.146	101	1794	0.036	ppbv	98
13) Ethanol	1.729	45	392	0.301	ppbv #	1
14) Bromoethene	1.787	108	708	0.039	ppbv #	36
15) Acetone	1.842	43	6480	0.207	ppbv #	82
16) 1,3-Butadiene	1.615	39	655	0.062	ppbv #	55
17) tert-Butyl alcohol	2.049	59	1757	0.039	ppbv #	51
18) 1,1-Dichloroethene	2.039	96	894	0.039	ppbv	90
19) Isopropyl Alcohol	1.894	45	17880	0.601	ppbv #	32
20) Methylene Chloride	2.068	84	3425	0.180	ppbv #	94
21) Allyl Chloride	2.104	41	1022	0.058	ppbv #	56
22) trans-1,2-Dichloroethene	2.729	96	1431	0.055	ppbv	95
23) Vinyl Acetate	2.473	43	453	0.024	ppbv #	83
24) 1,1-Dichloroethane	2.418	63	1647	0.047	ppbv #	92
25) Ethyl Acetate	5.004	43	1125	0.026	ppbv #	51
26) Hexane	2.839	57	1650	0.039	ppbv #	8
27) Carbon Disulfide	2.159	76	1499	0.034	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	1339	0.042	ppbv #	50
29) Chloroform	2.858	83	2432	0.038	ppbv	88
30) Cyclohexane	3.871	84	514	0.011	ppbv #	12
31) cis-1,2-Dichloroethene	2.729	61	1298	0.033	ppbv	93
32) 1,1,1-Trichloroethane	3.379	97	1498	0.024	ppbv #	74
34) 2-Butanone	2.573	43	2749	0.058	ppbv #	87
35) Carbon Tetrachloride	3.784	117	940	0.015	ppbv	92
36) Benzene	3.671	78	4949	0.047	ppbv	95
37) 1,2-Dichloroethane	3.230	62	1285	0.034	ppbv #	94
38) Trichloroethene	4.567	130	862	0.016	ppbv #	88
39) 1,2-Dichloropropane	3.975	63	215726	6.390	ppbv #	32
40) 1,4-Dioxane	4.645	88	147	0.007	ppbv #	23
41) Tetrahydrofuran	3.072	42	134	0.005	ppbv #	22
42) Bromodichloromethane	4.506	83	344	0.006	ppbv #	37
43) Methyl Methacrylate	4.907	69	641	0.017	ppbv #	1
44) 2,2,4-Trimethylpentane	4.661	57	5540	0.038	ppbv #	89
45) t-1,3-Dichloropropene	6.435	75	277	0.007	ppbv	96

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

Instrument :
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Quant Time: Dec 12 13:17:35 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

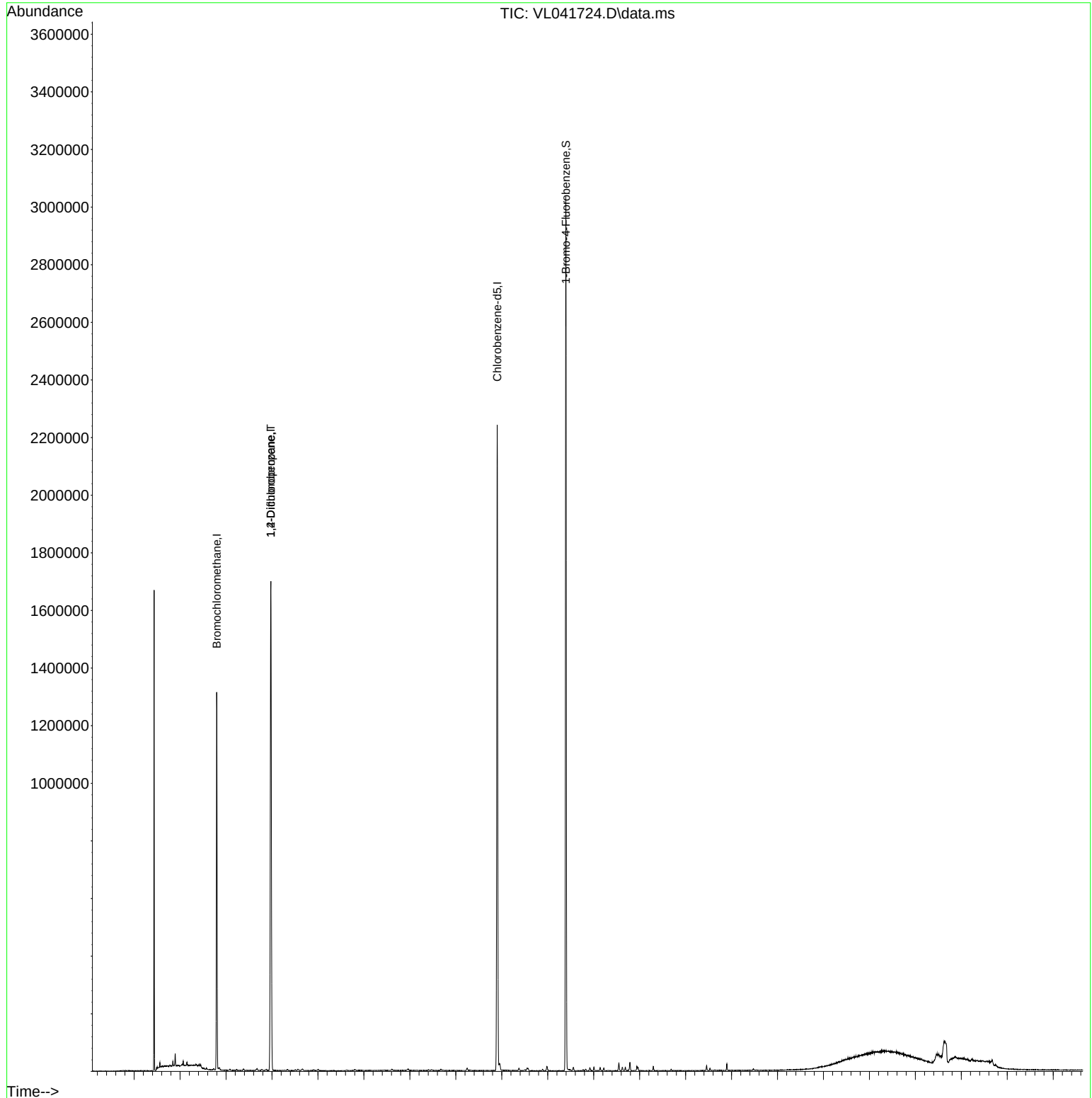
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.626	75	726	0.015	ppbv	#	57
47) 1,1,2-Trichloroethane	6.609	97	341	0.008	ppbv	#	51
48) Dibromochloromethane	7.415	129	1451	0.022	ppbv		90
49) Bromoform	9.516	173	12	0.000	ppbv	#	27
50) 4-Methyl-2-Pentanone	5.768	43	118	0.002	ppbv	#	28
51) 2-Hexanone	7.477	43	1400	0.025	ppbv	#	78
52) Tetrachloroethene	8.250	164	761	0.014	ppbv	#	88
53) Toluene	6.959	91	4930	0.038	ppbv		92
54) 1,2-Dibromoethane	7.681	107	733	0.012	ppbv		98
56) 1,1,1,2-Tetrachloroethane	8.946	131	1491	0.027	ppbv	#	34
57) Chlorobenzene	8.946	112	3690	0.034	ppbv	#	80
58) Ethyl Benzene	9.377	91	5669	0.035	ppbv	#	87
59) m/p-Xylene	9.571	91	4039	0.033	ppbv	#	23
60) o-Xylene	9.982	91	3876	0.032	ppbv		99
61) Styrene	9.891	104	1596	0.024	ppbv	#	67
62) Isopropylbenzene	10.561	105	6375	0.032	ppbv		95
63) 1,1,2,2-Tetrachloroethane	9.985	83	1533	0.019	ppbv	#	63
64) n-propylbenzene	11.002	120	1264	0.021	ppbv	#	8
65) tert-Butylbenzene	11.549	119	5798	0.030	ppbv		95
66) Benzyl Chloride	10.917	91	4533	0.033	ppbv		95
67) sec-Butylbenzene	11.782	105	7477	0.030	ppbv		98
69) p-Isopropyltoluene	11.940	119	5753	0.027	ppbv		95
70) n-Butylbenzene	12.296	91	5325	0.030	ppbv		97
71) 2-Chlorotoluene	10.917	91	4533	0.033	ppbv		93
72) 4-Ethyltoluene	11.141	105	4476	0.028	ppbv	#	91
73) 1,3,5-Trimethylbenzene	11.222	105	3889	0.030	ppbv	#	84
74) 1,2,4-Trimethylbenzene	11.552	105	4483	0.032	ppbv	#	92
75) 1,3-Dichlorobenzene	11.620	146	3783	0.034	ppbv		98
76) 1,4-Dichlorobenzene	11.691	146	3447	0.031	ppbv		89
77) 1,2-Dichlorobenzene	11.963	146	3897	0.037	ppbv		94
78) Hexachloro-1,3-Butadiene	13.898	225	2967	0.034	ppbv		97
79) Naphthalene	13.533	128	4518	0.038	ppbv	#	96
80) Naphthalene,2-methyl-	14.475	142	2063	0.048	ppbv	#	93
81) 1,2,4-Trichlorobenzene	13.458	180	3918	0.052	ppbv		98

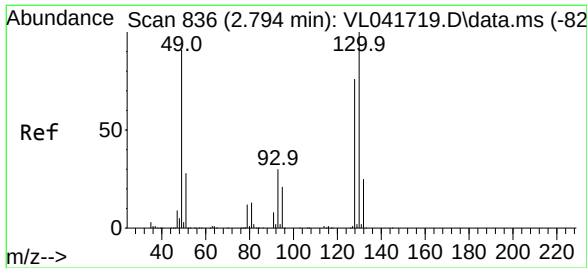
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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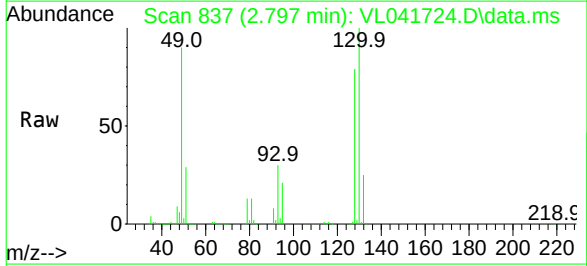
Quant Time: Dec 12 13:17:35 2024
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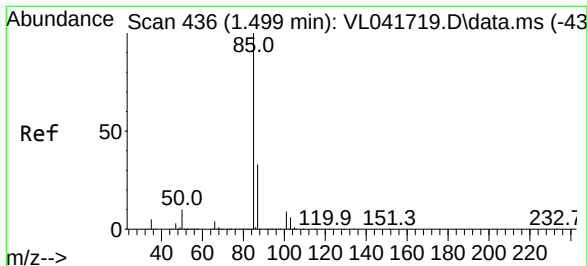
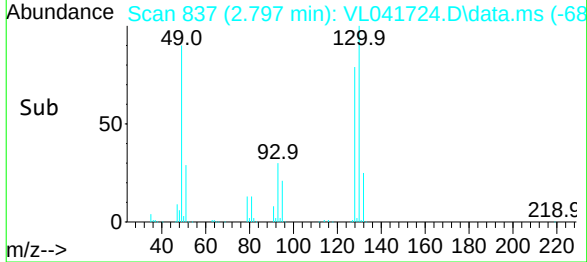
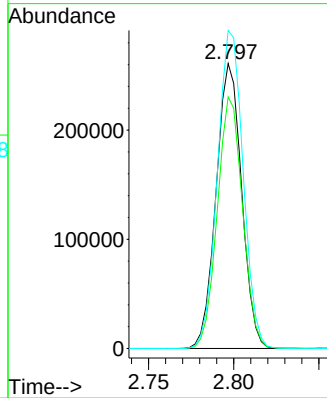


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

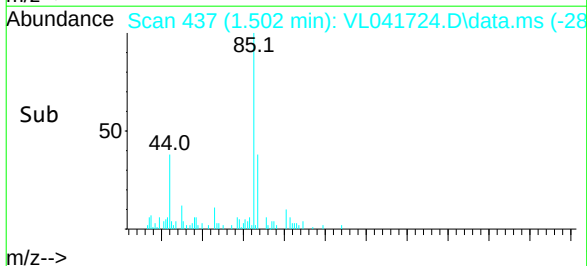
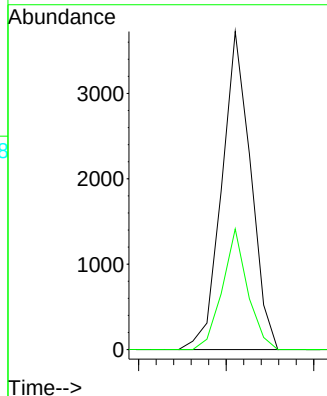
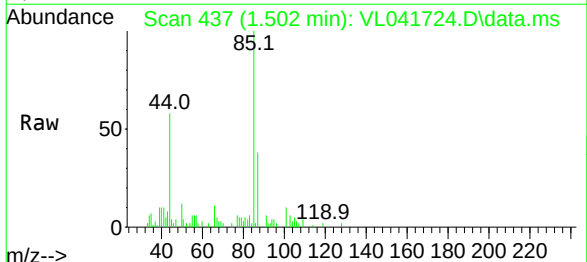


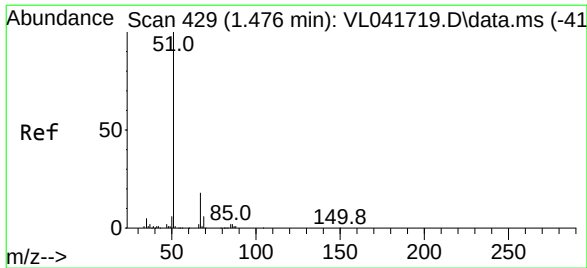
Tgt Ion: 49 Resp: 271460
Ion Ratio Lower Upper
49 100
128 87.8 42.8 128.3
130 112.9 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 85 Resp: 1710
Ion Ratio Lower Upper
85 100
87 37.9 26.6 39.8

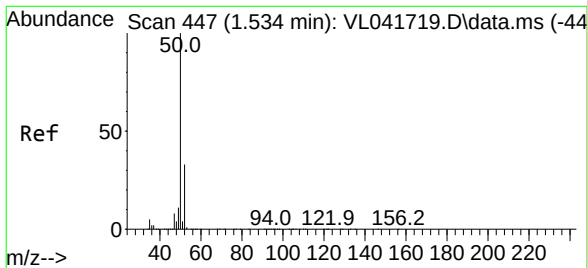
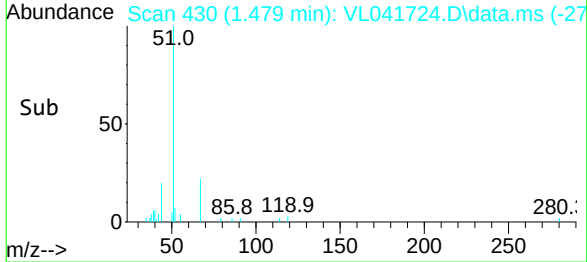
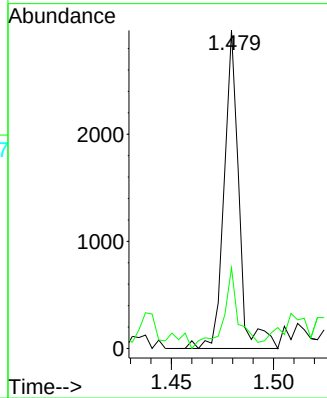
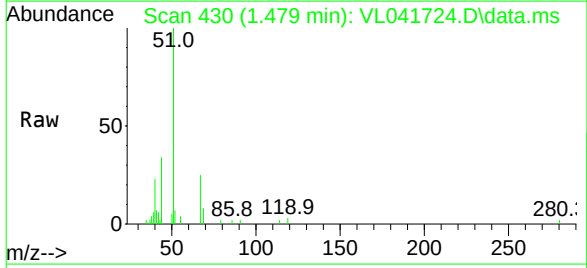




#3
Chlorodifluoromethane
Concen: 0.040 ppbv
RT: 1.479 min Scan# 43
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

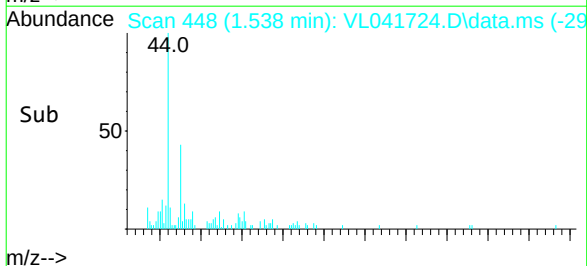
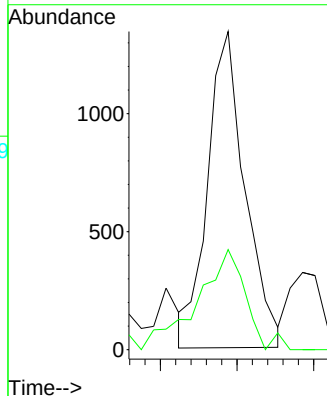
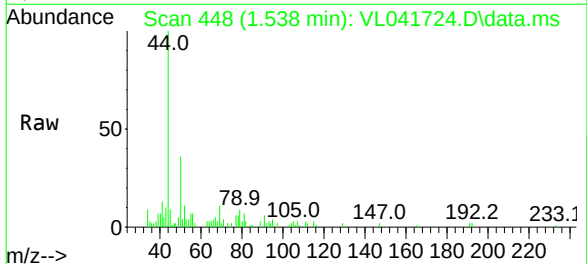
Instrument :
MSVOA_L
ClientSampleId :

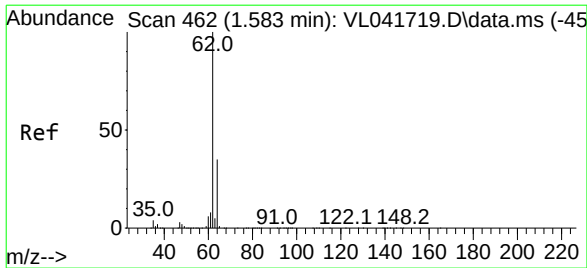
Tgt Ion: 51 Resp: 1496
Ion Ratio Lower Upper
51 100
67 19.2 14.6 21.8



#4
Chloromethane
Concen: 0.072 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

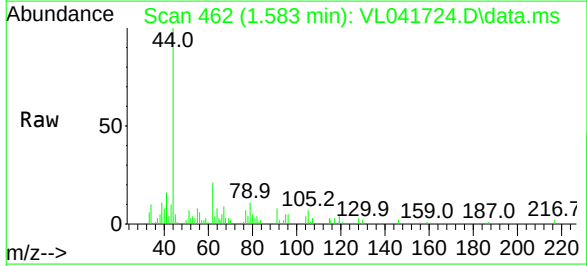
Tgt Ion: 50 Resp: 909
Ion Ratio Lower Upper
50 100
52 41.3 26.6 40.0#



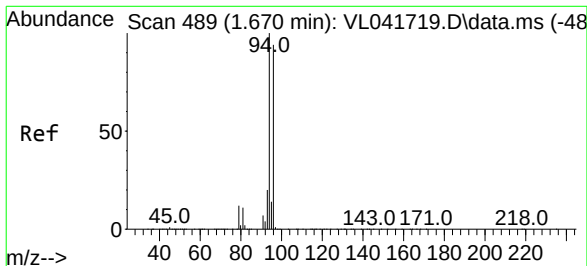
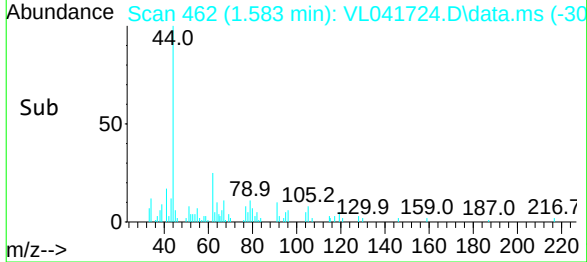
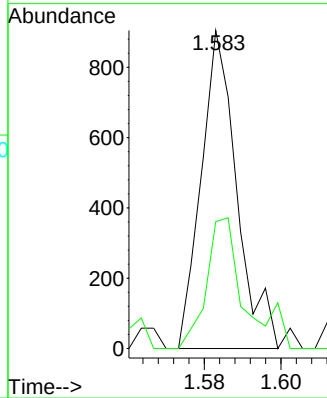


#5
 Vinyl Chloride
 Concen: 0.038 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :

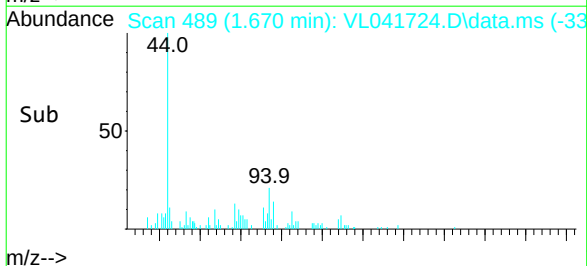
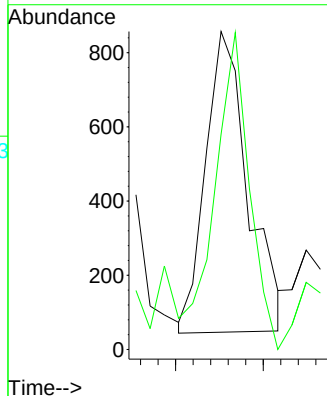
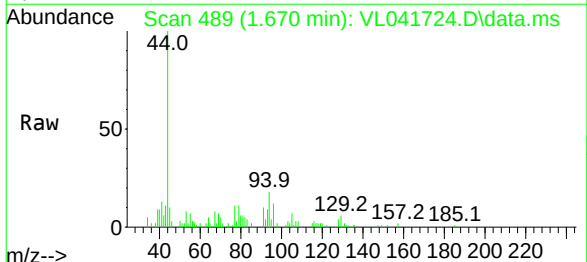


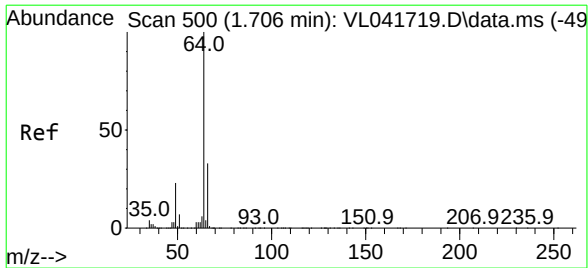
Tgt Ion: 62 Resp: 583
 Ion Ratio Lower Upper
 62 100
 64 55.2 27.6 41.4#



#6
 Bromomethane
 Concen: 0.054 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

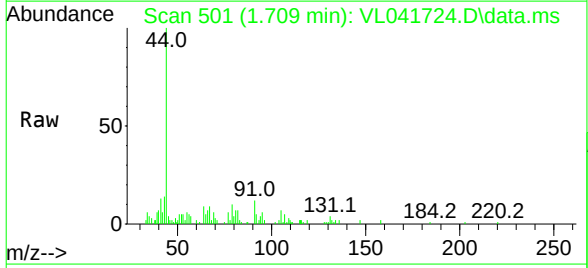
Tgt Ion: 94 Resp: 544
 Ion Ratio Lower Upper
 94 100
 96 74.0 75.4 113.0#



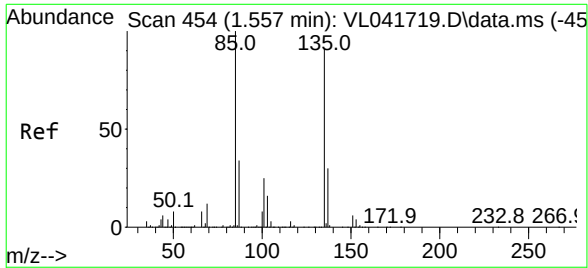
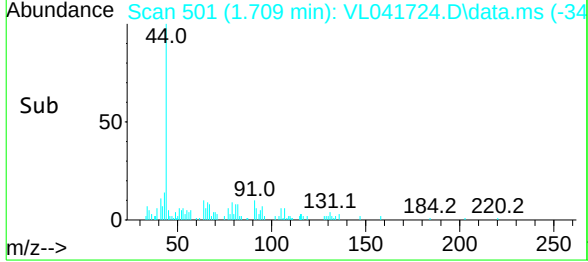
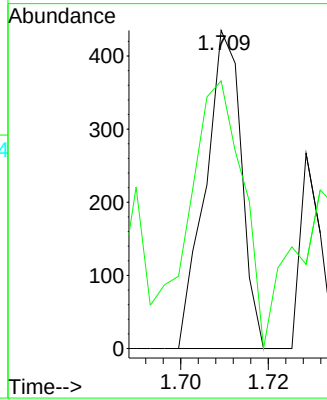


#7
Chloroethane
Concen: 0.037 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

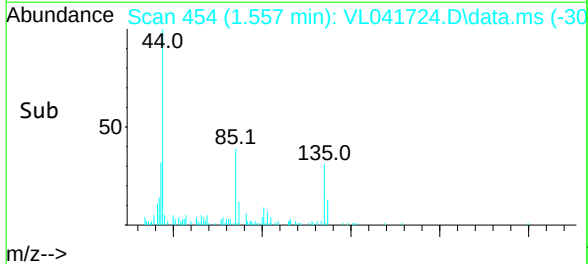
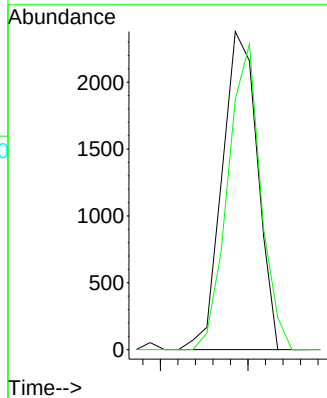
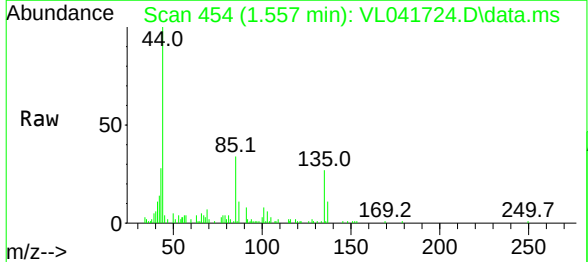


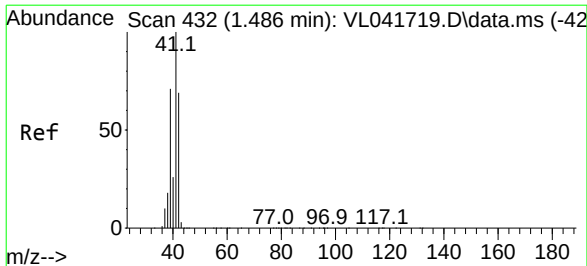
Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 84.1 26.5 39.7#



#8
Dichlorotetrafluoroethane
Concen: 0.034 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 85 Resp: 1334
Ion Ratio Lower Upper
85 100
135 91.8 69.0 103.6





#9

Propene

Concen: 0.108 ppbv

RT: 1.894 min Scan# 55

Delta R.T. 0.408 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

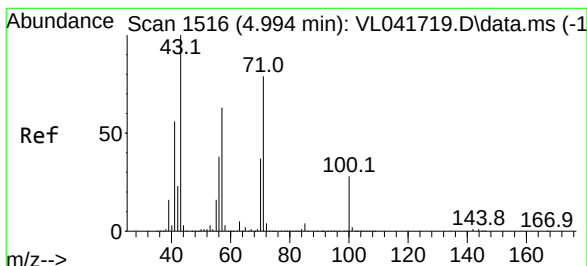
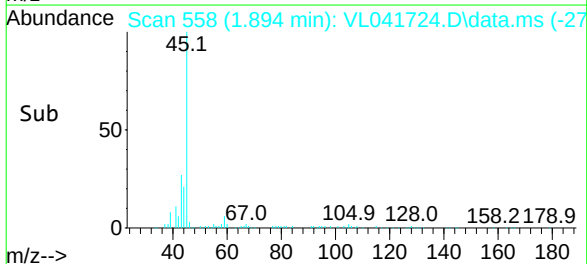
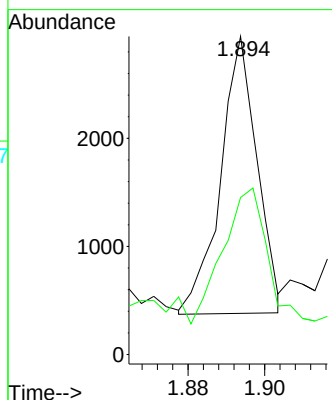
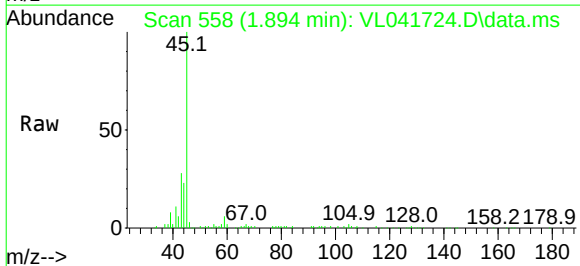
ClientSampleId :

Tgt Ion: 41 Resp: 1697

Ion Ratio Lower Upper

41 100

42 59.5 56.2 84.4



#10

Heptane

Concen: 0.026 ppbv

RT: 5.004 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VL041724.D

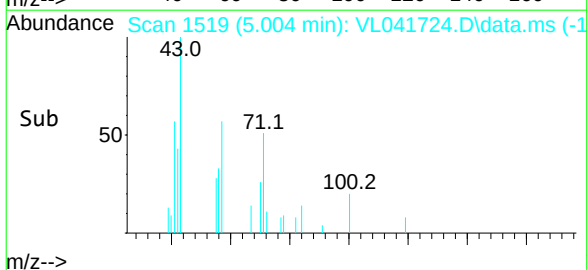
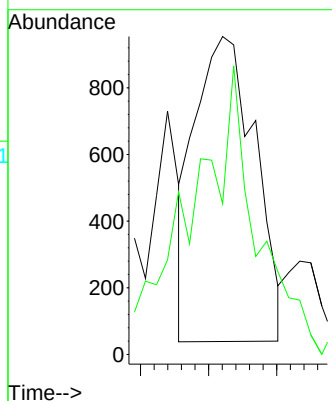
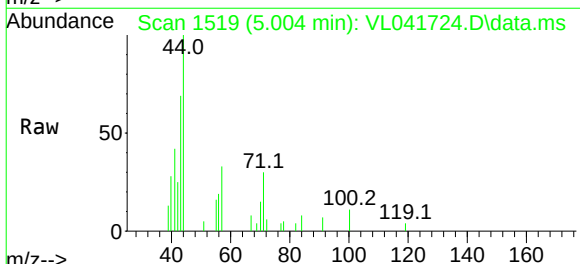
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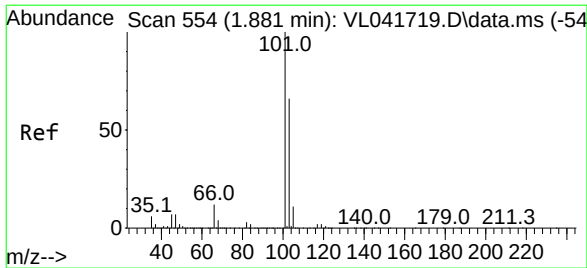
Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

57 114.0 50.5 75.7#

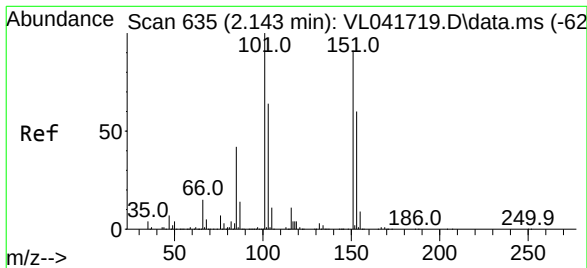
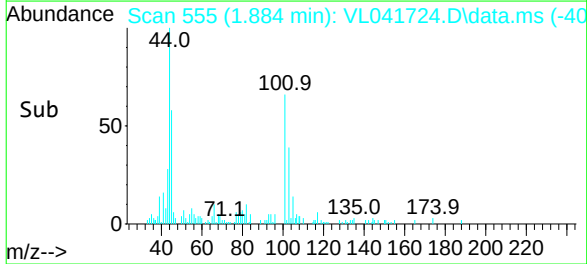
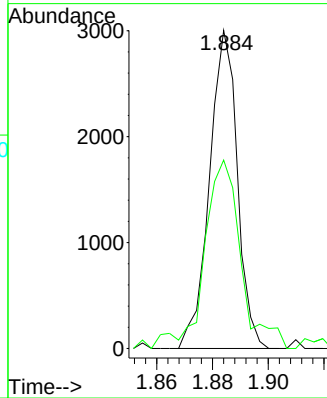
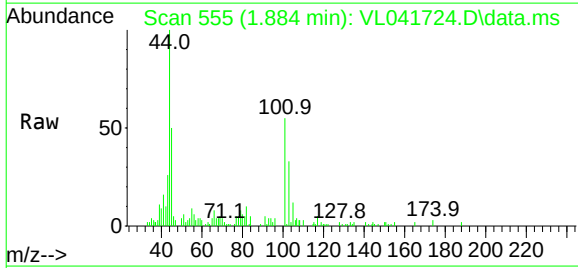




#11
 Trichlorofluoromethane
 Concen: 0.038 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

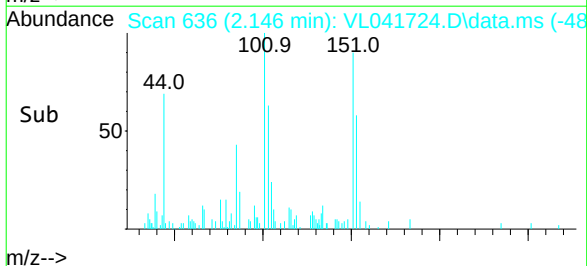
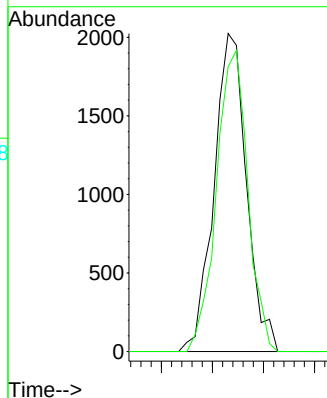
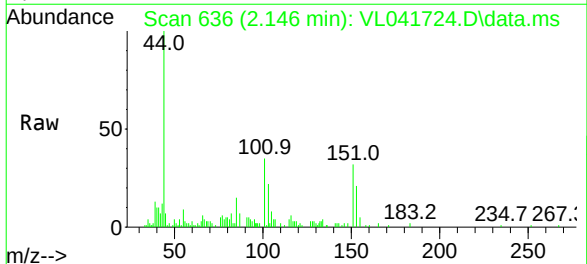
Instrument :
 MSVOA_L
 ClientSampleId :

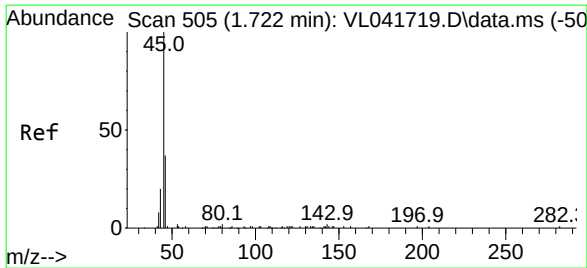
Tgt Ion:101 Resp: 2089
 Ion Ratio Lower Upper
 101 100
 103 56.6 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.036 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Tgt Ion:101 Resp: 1794
 Ion Ratio Lower Upper
 101 100
 151 91.4 74.4 111.6

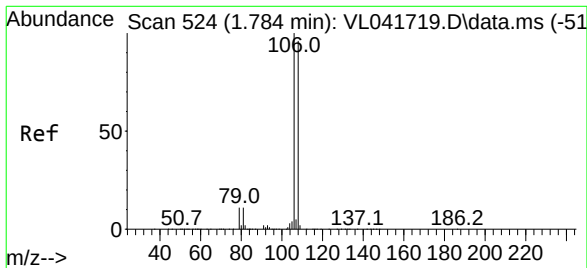
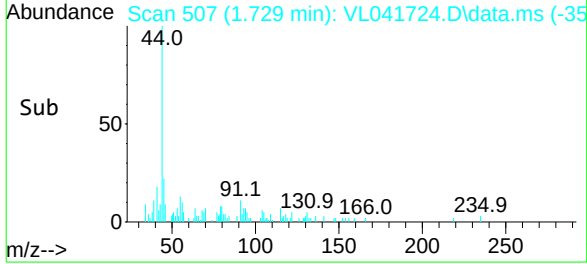
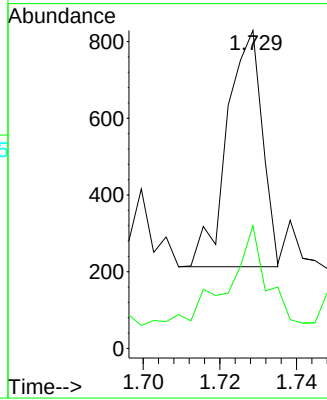
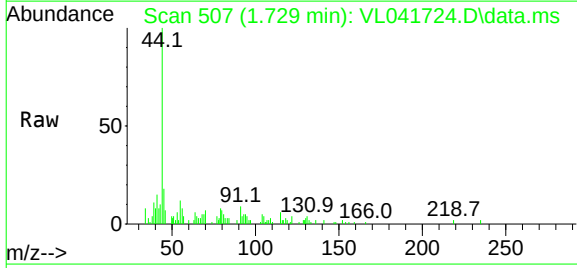




#13
Ethanol
Concen: 0.301 ppbv
RT: 1.729 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

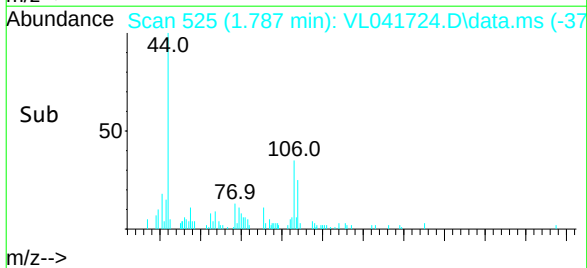
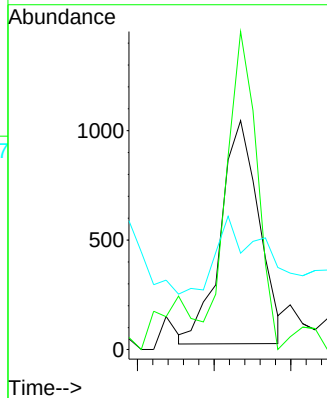
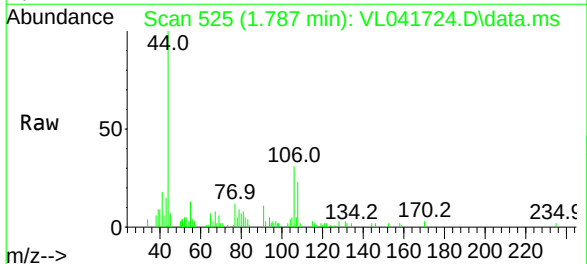
Instrument :
MSVOA_L
ClientSampleId :

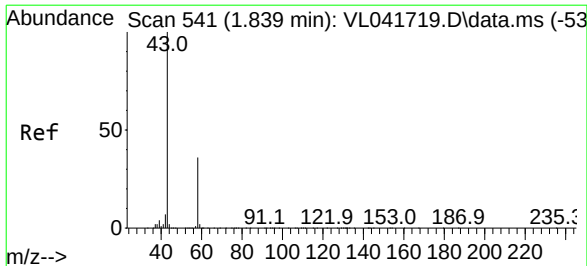
Tgt Ion: 45 Resp: 392
Ion Ratio Lower Upper
45 100
46 173.7 16.6 66.6#



#14
Bromoethene
Concen: 0.039 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 108 Resp: 708
Ion Ratio Lower Upper
108 100
106 157.3 83.5 125.3#
79 78.2 9.3 13.9#





#15

Acetone

Concen: 0.207 ppbv

RT: 1.842 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

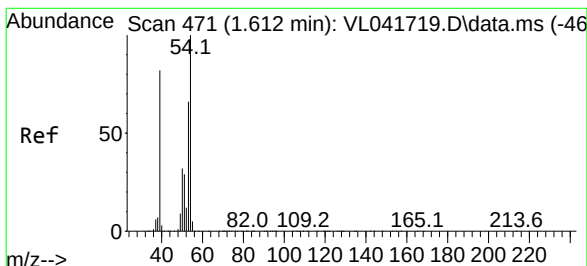
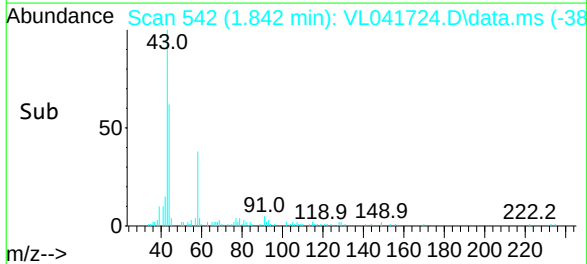
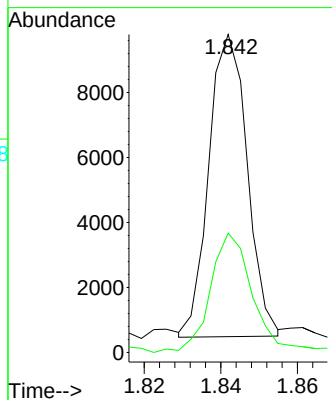
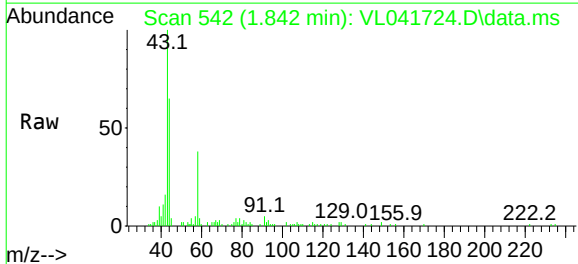
ClientSampleId :

Tgt Ion: 43 Resp: 6480

Ion Ratio Lower Upper

43 100

58 46.4 28.9 43.3#



#16

1,3-Butadiene

Concen: 0.062 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.003 min

Lab File: VL041724.D

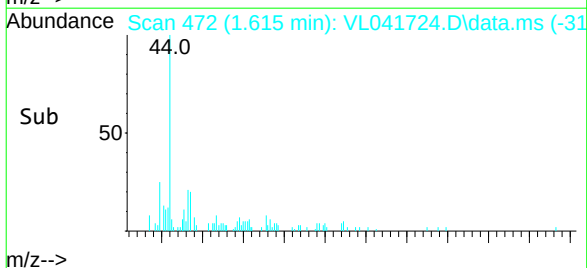
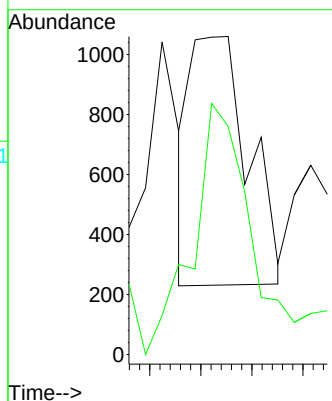
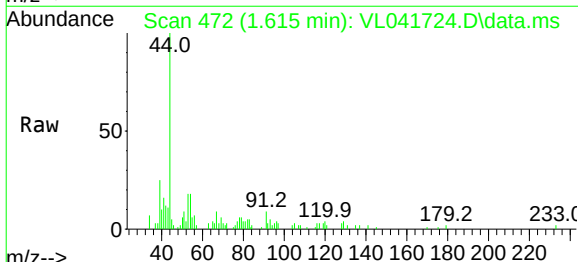
Acq: 11 Dec 2024 16:48

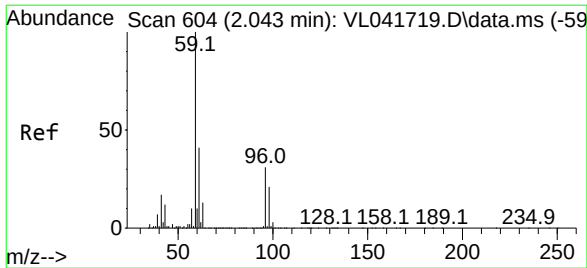
Tgt Ion: 39 Resp: 655

Ion Ratio Lower Upper

39 100

54 152.7 85.0 127.6#

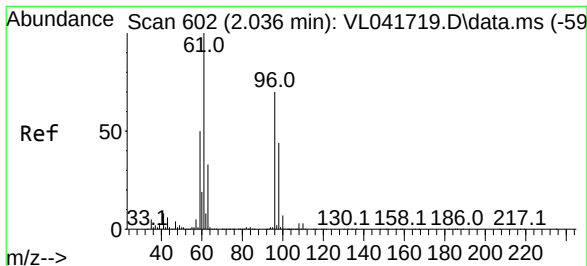
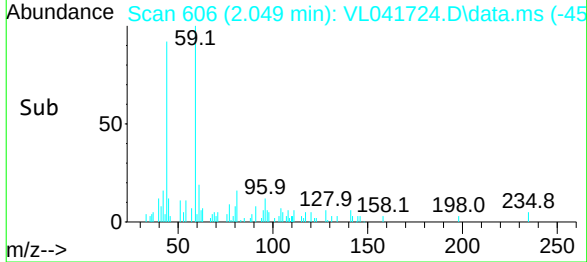
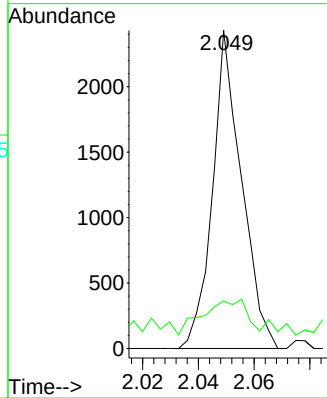
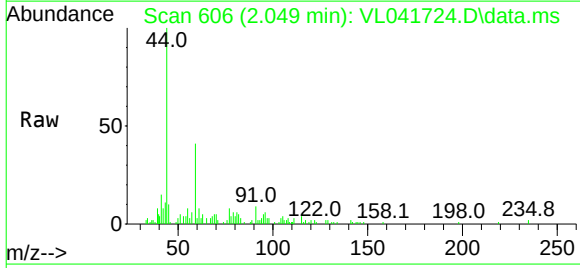




#17
tert-Butyl alcohol
Concen: 0.039 ppbv
RT: 2.049 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

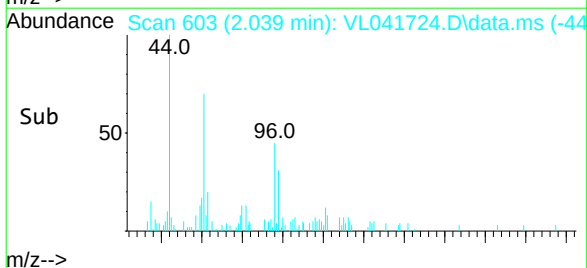
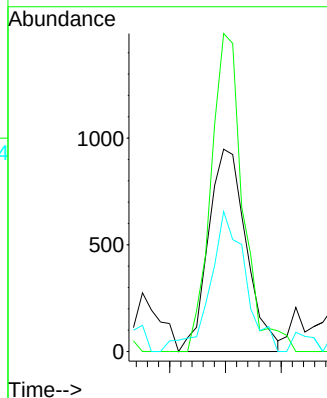
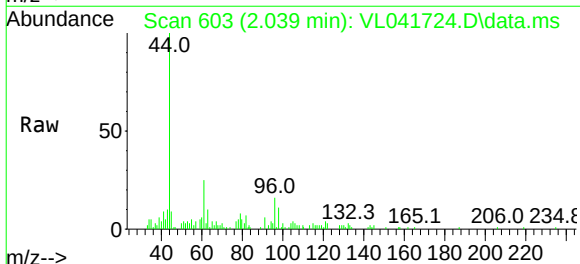
Instrument :
MSVOA_L
ClientSampleId :

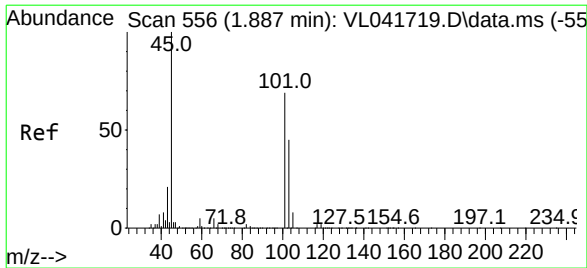
Tgt Ion: 59 Resp: 1757
Ion Ratio Lower Upper
59 100
57 28.5 8.2 12.4#



#18
1,1-Dichloroethene
Concen: 0.039 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

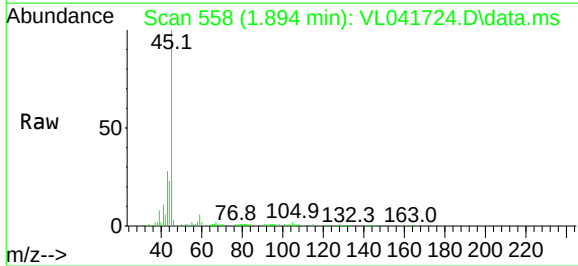
Tgt Ion: 96 Resp: 894
Ion Ratio Lower Upper
96 100
61 157.2 114.4 171.6
98 69.2 50.6 75.8



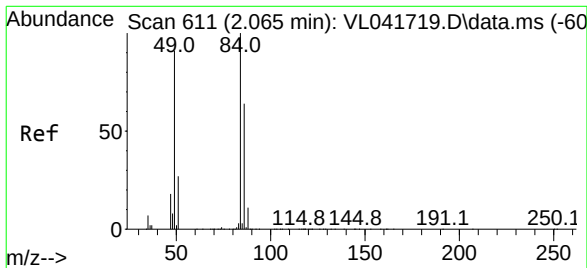
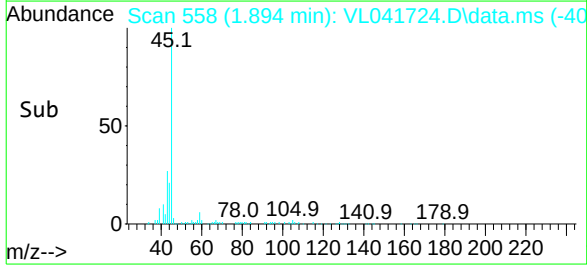
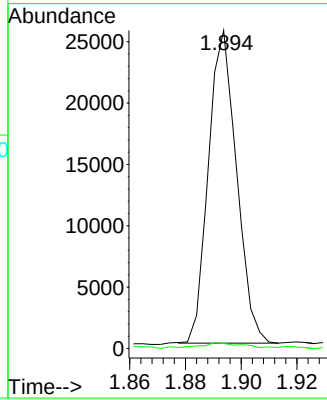


#19
Isopropyl Alcohol
Concen: 0.601 ppbv
RT: 1.894 min Scan# 55
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

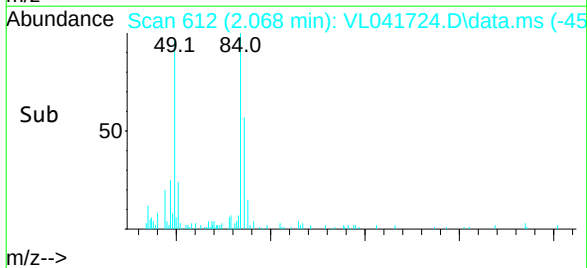
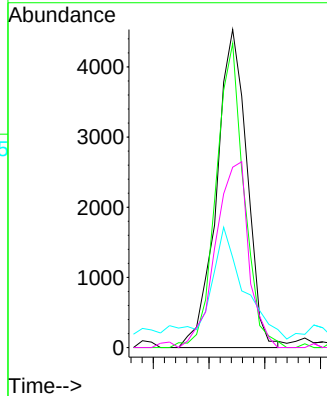
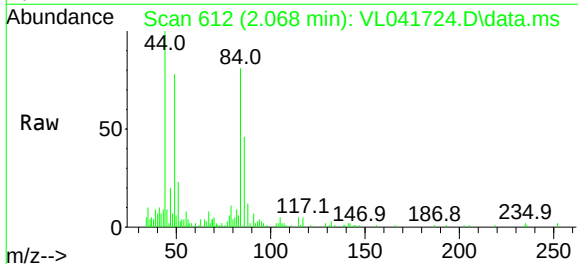


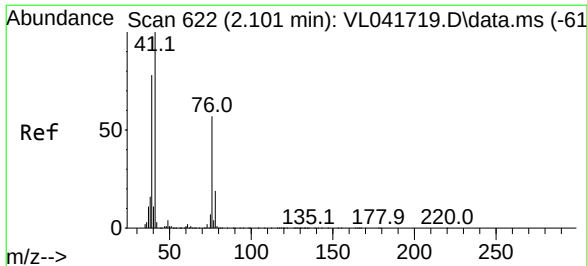
Tgt Ion: 45 Resp: 17880
Ion Ratio Lower Upper
45 100
58 3.9 40.6 61.0#



#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 84 Resp: 3425
Ion Ratio Lower Upper
84 100
49 94.1 73.6 110.4
51 22.6 22.7 34.1#
86 56.7 51.4 77.0





#21

Allyl Chloride

Concen: 0.058 ppbv

RT: 2.104 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL041724.D

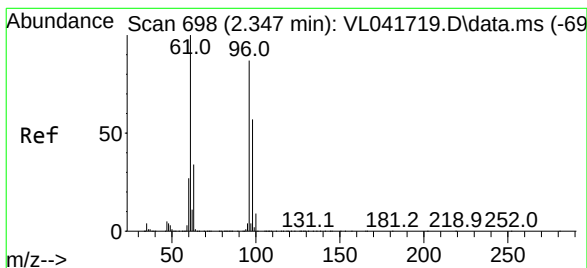
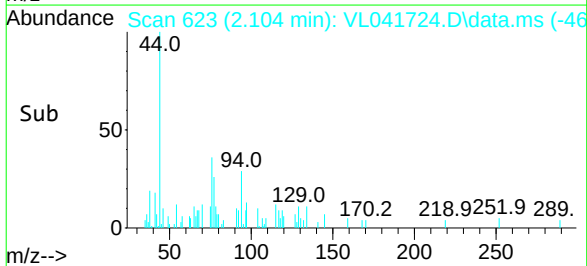
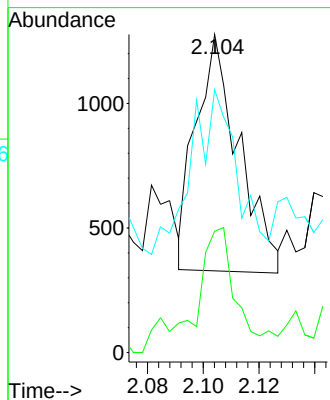
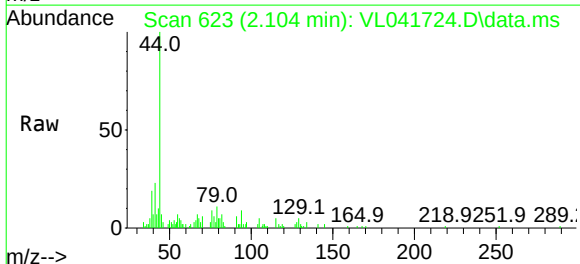
Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 1022
Ion Ratio	Lower Upper
41 100	
76 52.4	44.2 66.2
39 141.8	62.8 94.2#



#22

trans-1,2-Dichloroethene

Concen: 0.055 ppbv

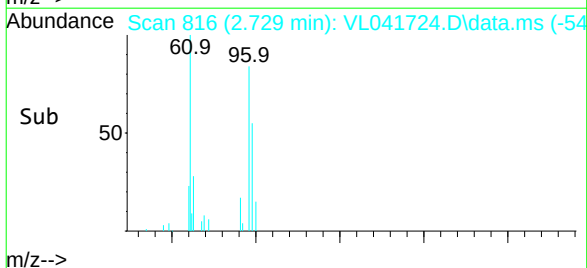
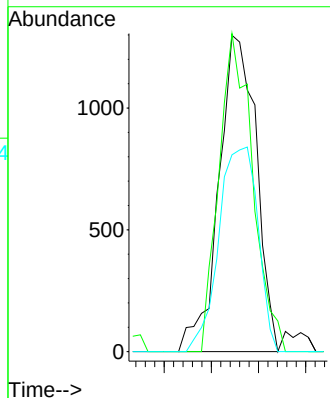
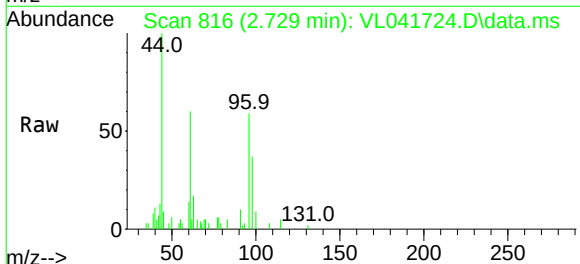
RT: 2.729 min Scan# 816

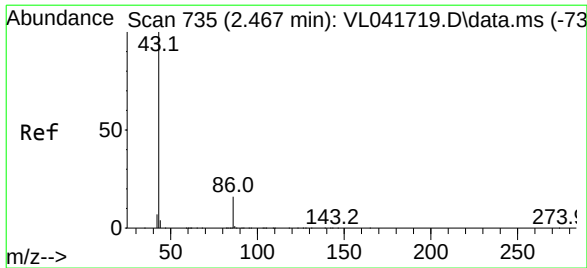
Delta R.T. 0.382 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

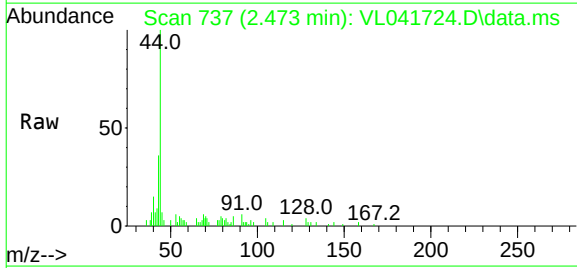
Tgt Ion: 96	Resp: 1431
Ion Ratio	Lower Upper
96 100	
61 109.4	91.8 137.6
98 62.2	52.7 79.1



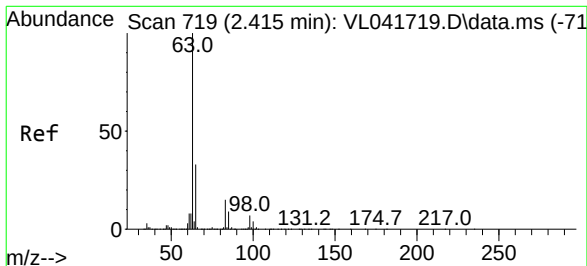
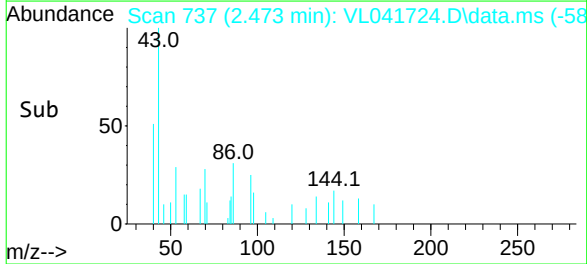
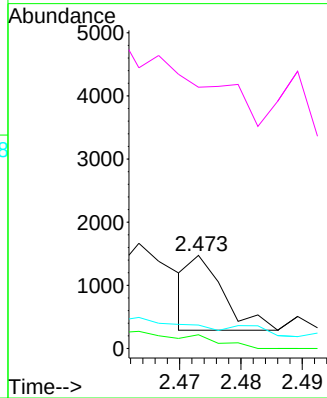


#23
 Vinyl Acetate
 Concen: 0.024 ppbv
 RT: 2.473 min Scan# 73
 Delta R.T. 0.006 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :

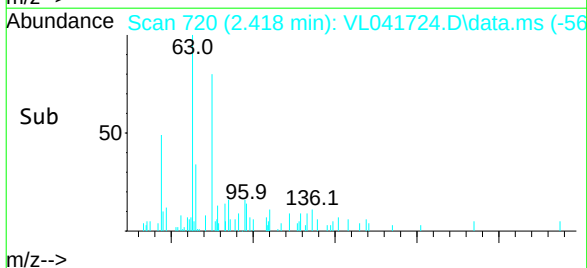
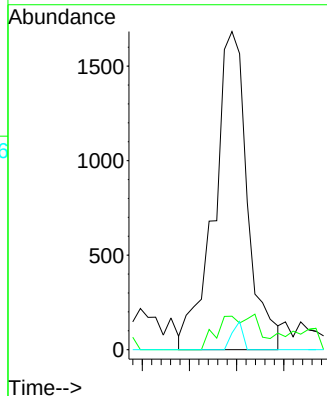
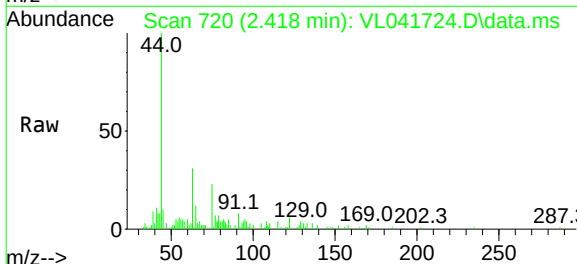


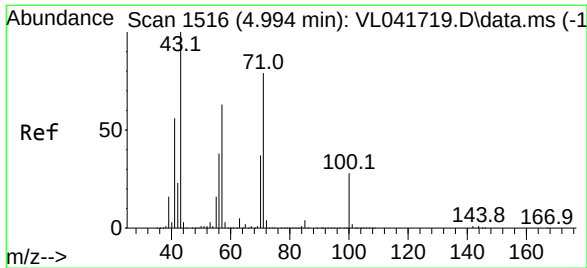
Tgt Ion: 43	Resp: 453
Ion Ratio	Lower Upper
43 100	
86 18.4	11.5 17.3#
42 14.1	6.6 10.0#
44 18.7	4.1 6.1#



#24
 1,1-Dichloroethane
 Concen: 0.047 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Tgt Ion: 63	Resp: 1647
Ion Ratio	Lower Upper
63 100	
98 11.0	3.6 10.8#
100 5.5	2.3 6.8





#25

Ethyl Acetate

Concen: 0.026 ppbv

RT: 5.004 min Scan# 1516

Delta R.T. 0.010 min

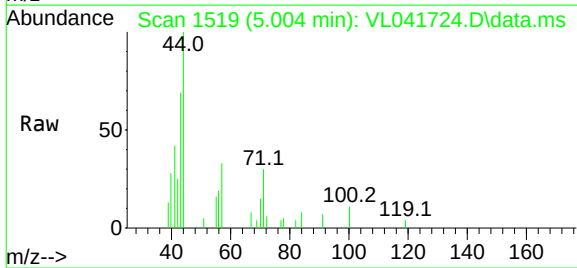
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

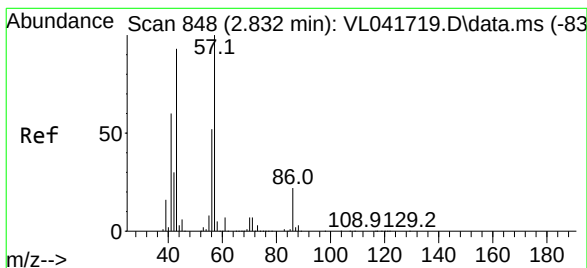
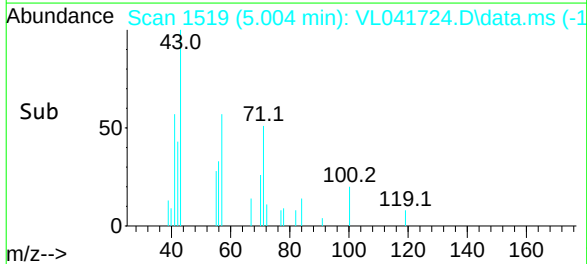
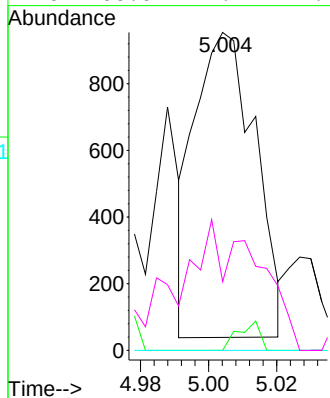
MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 1125

Ion	Ratio	Lower	Upper
43	100		
45	3.5	0.0	0.0#
61	0.0	0.4	0.6#
70	66.0	29.4	44.2#



#26

Hexane

Concen: 0.039 ppbv

RT: 2.839 min Scan# 850

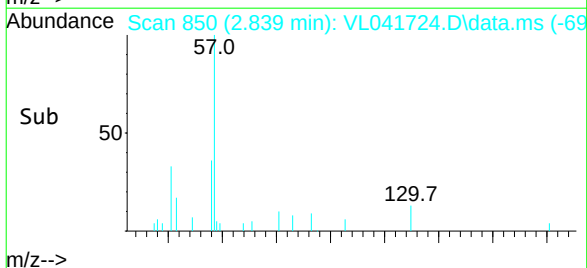
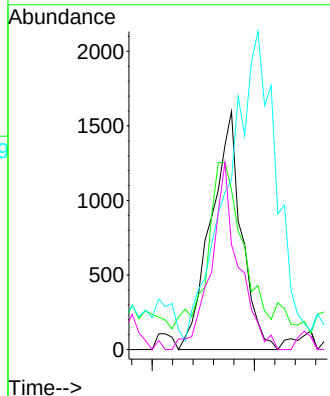
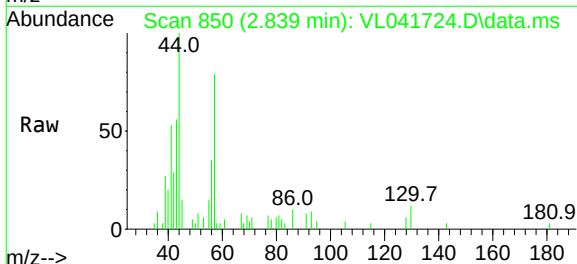
Delta R.T. 0.006 min

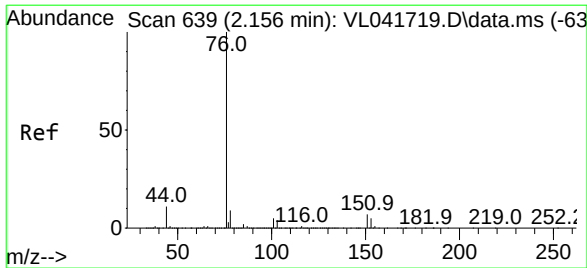
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Tgt Ion: 57 Resp: 1650

Ion	Ratio	Lower	Upper
57	100		
41	89.7	49.5	74.3#
43	0.0	150.6	225.8#
56	70.2	41.6	62.4#

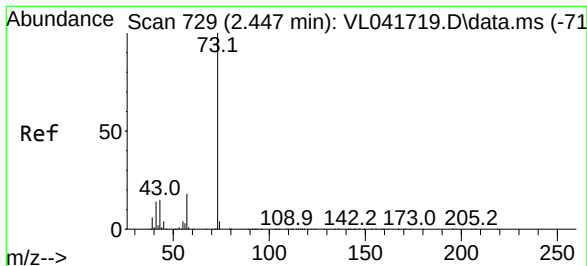
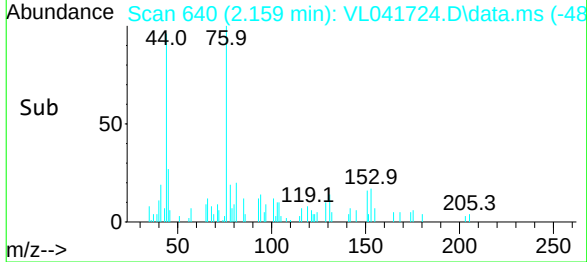
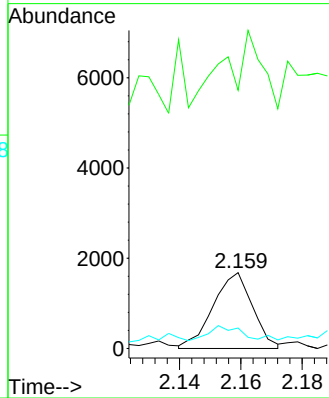
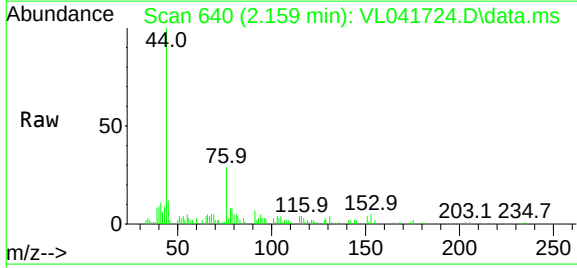




#27
Carbon Disulfide
Concen: 0.034 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

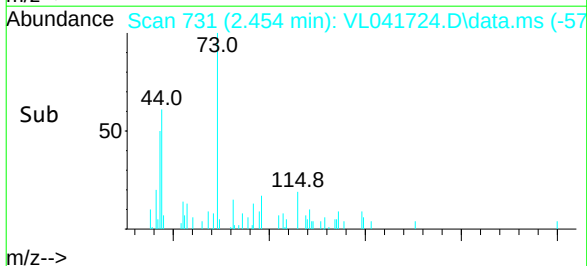
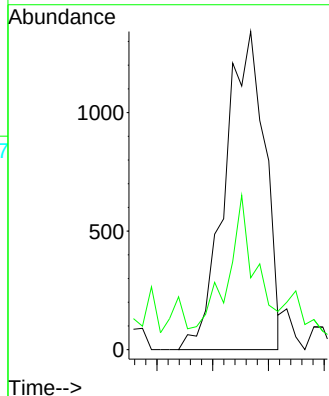
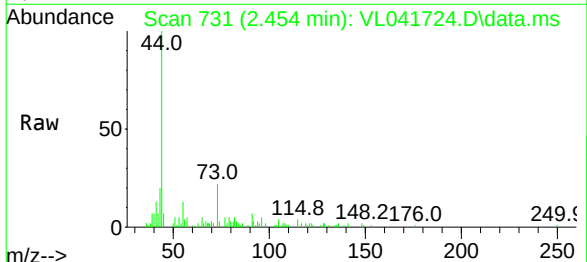
Instrument :
MSVOA_L
ClientSampleId :

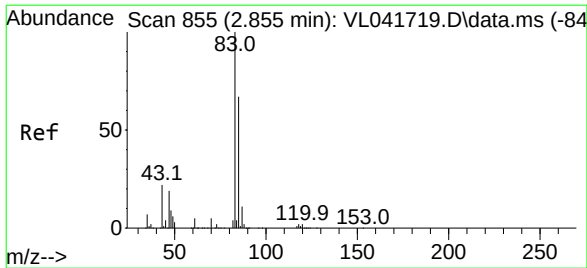
Tgt Ion	Ratio	Lower	Upper
76	100		
44	489.1	9.4	14.0#
78	42.9	9.4	14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.042 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion	Ratio	Lower	Upper
73	100		
57	41.7	15.3	22.9#





#29

Chloroform

Concen: 0.038 ppbv

RT: 2.858 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

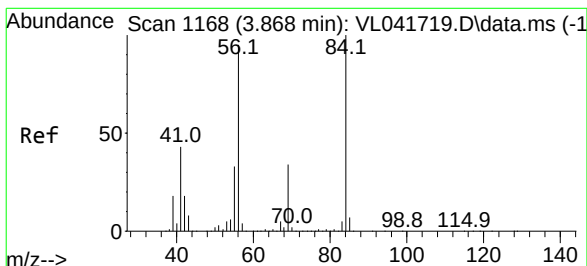
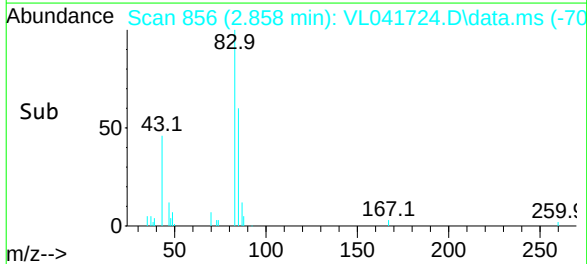
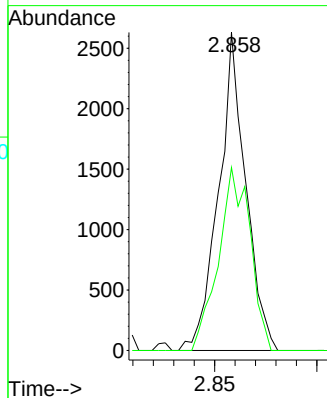
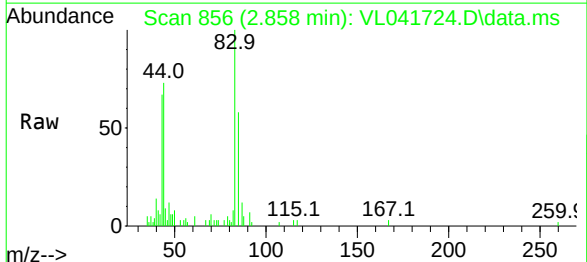
ClientSampleId :

Tgt Ion: 83 Resp: 2432

Ion Ratio Lower Upper

83 100

85 57.5 53.6 80.4



#30

Cyclohexane

Concen: 0.011 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

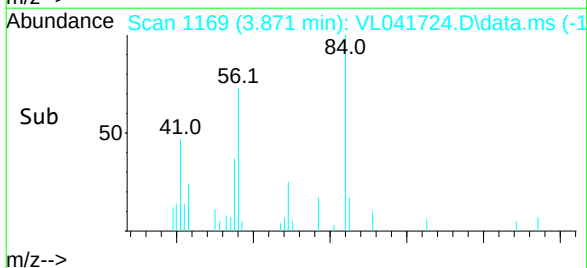
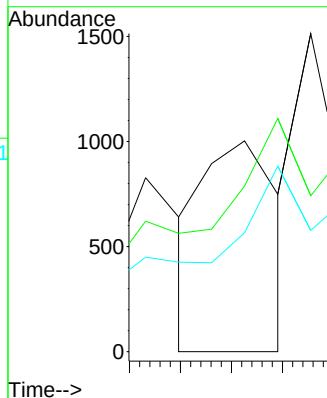
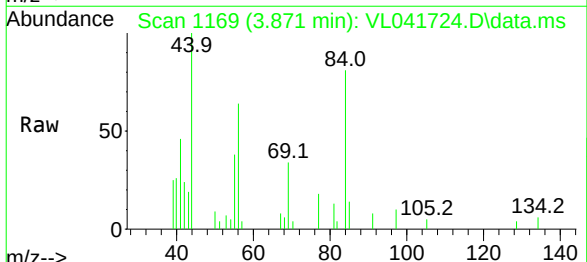
Tgt Ion: 84 Resp: 514

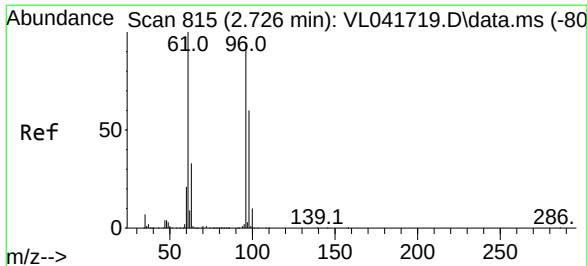
Ion Ratio Lower Upper

84 100

56 0.0 76.0 114.0#

41 0.0 34.2 51.4#

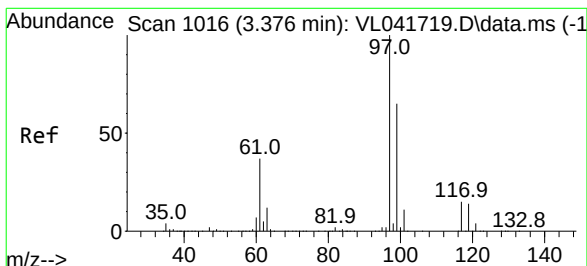
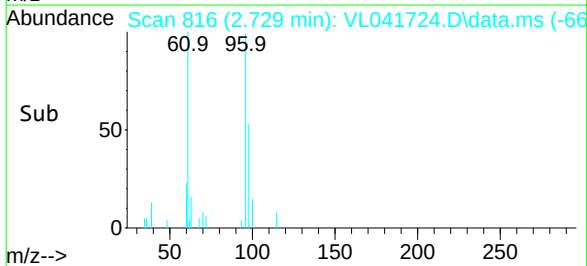
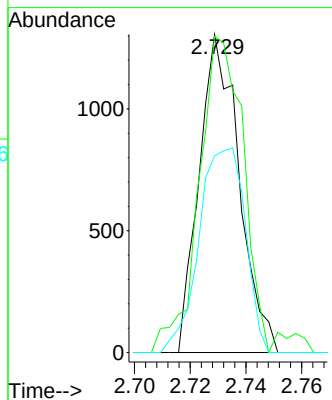
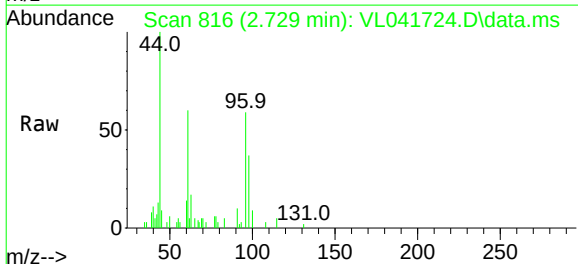




#31
 cis-1,2-Dichloroethene
 Concen: 0.033 ppbv
 RT: 2.729 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

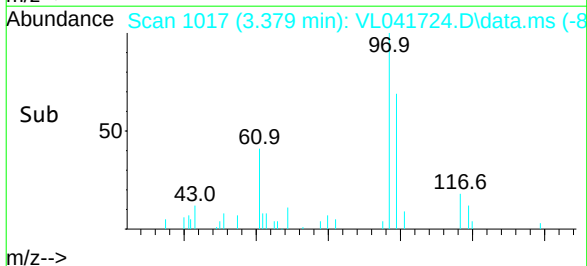
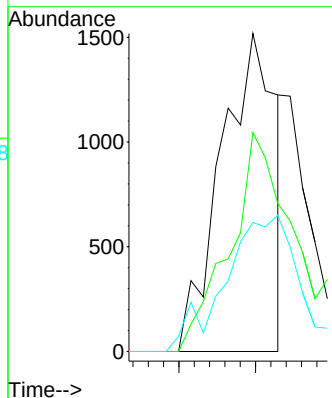
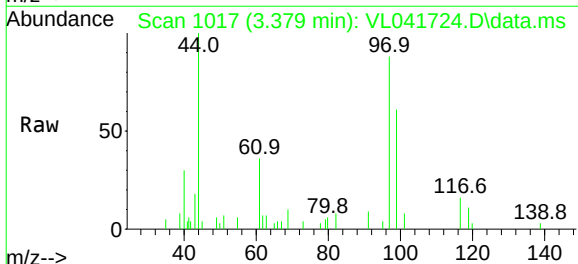
Instrument :
 MSVOA_L
 ClientSampleId :

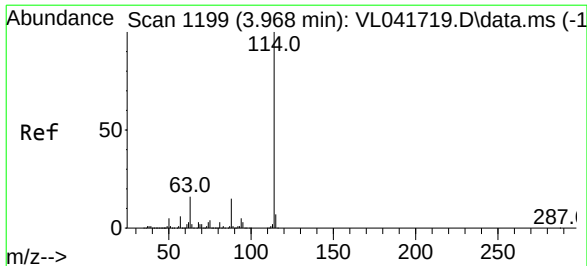
Tgt Ion:	61	Resp:	1298
Ion	Ratio	Lower	Upper
61	100		
96	85.6	75.4	113.2
98	56.9	48.3	72.5



#32
 1,1,1-Trichloroethane
 Concen: 0.024 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Tgt Ion:	97	Resp:	1498
Ion	Ratio	Lower	Upper
97	100		
99	81.4	52.2	78.2#
61	58.9	29.8	44.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 12

Delta R.T. 0.006 min

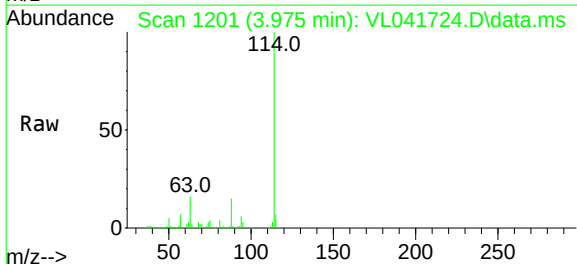
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :



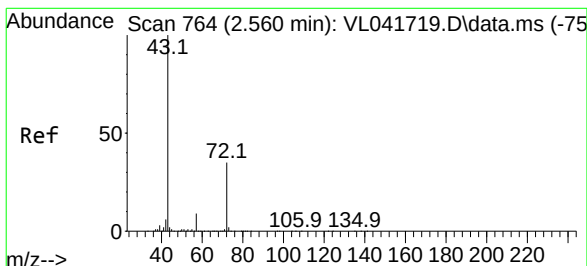
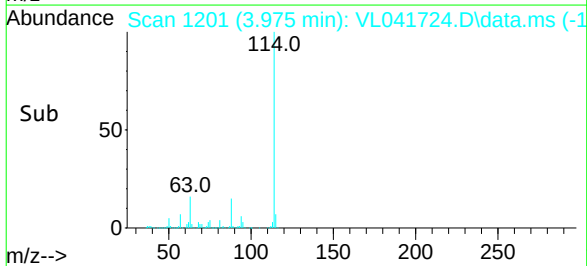
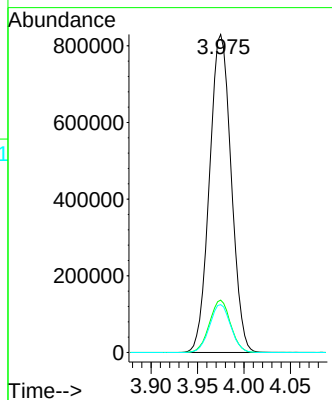
Tgt Ion:114 Resp: 1347505

Ion Ratio Lower Upper

114 100

63 16.0 12.9 19.3

88 14.7 11.8 17.6



#34

2-Butanone

Concen: 0.058 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.013 min

Lab File: VL041724.D

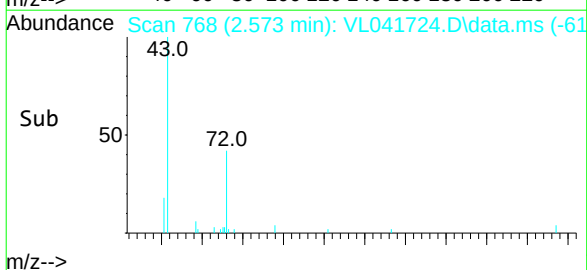
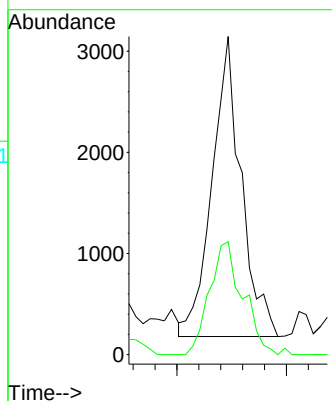
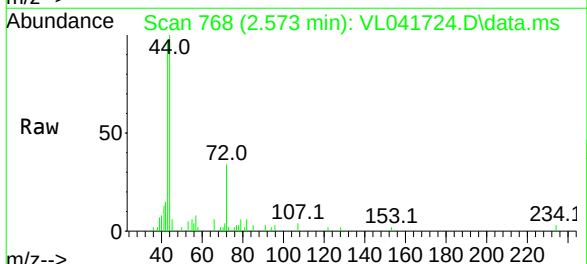
Acq: 11 Dec 2024 16:48

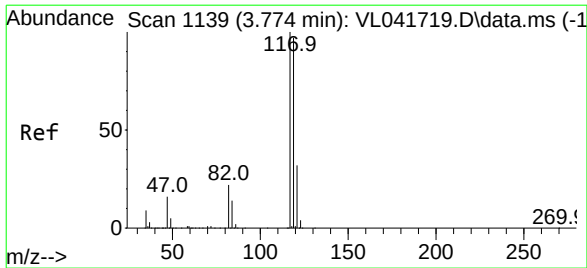
Tgt Ion: 43 Resp: 2749

Ion Ratio Lower Upper

43 100

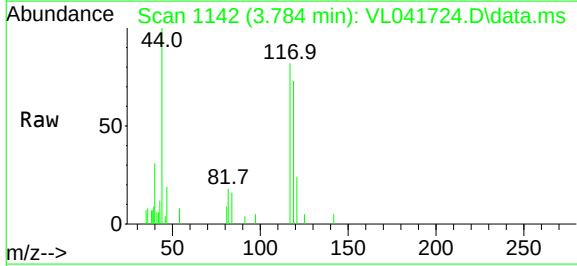
72 43.1 28.3 42.5#



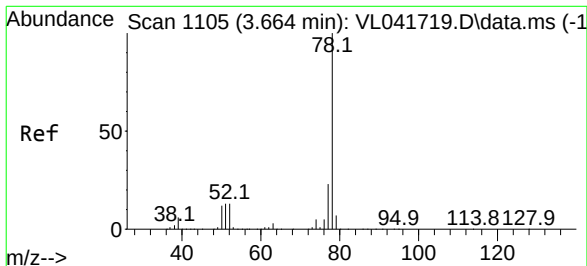
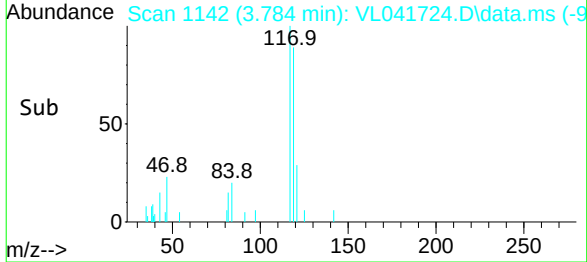
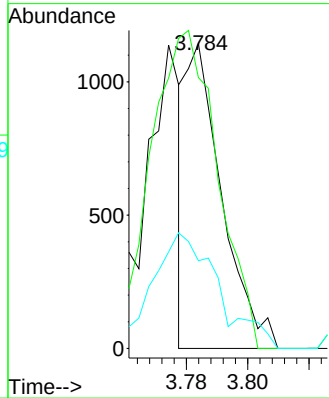


#35
Carbon Tetrachloride
Concen: 0.015 ppbv
RT: 3.784 min Scan# 1139
Delta R.T. 0.010 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

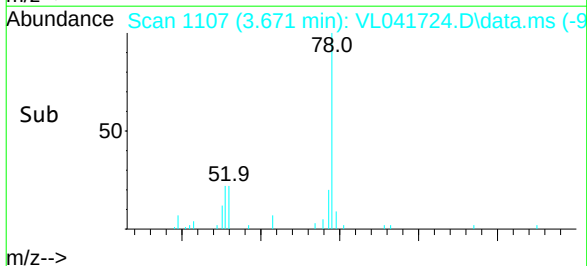
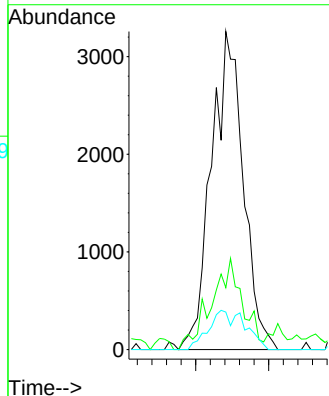
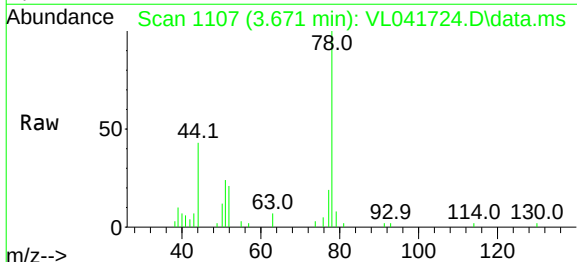


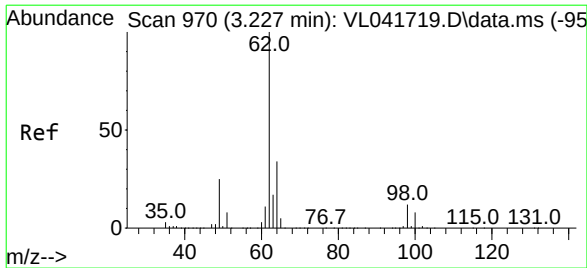
Tgt Ion: 117 Resp: 940
Ion Ratio Lower Upper
117 100
119 88.8 77.7 116.5
121 28.8 25.5 38.3



#36
Benzene
Concen: 0.047 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

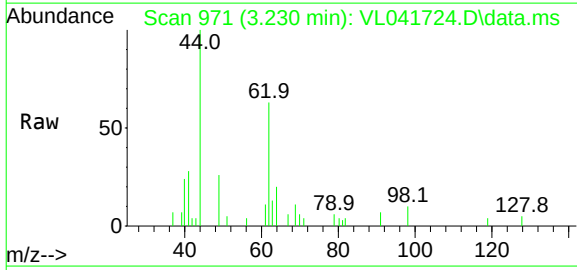
Tgt Ion: 78 Resp: 4949
Ion Ratio Lower Upper
78 100
77 19.5 18.6 27.8
50 11.8 9.5 14.3



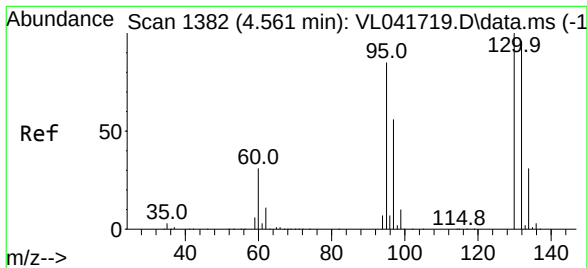
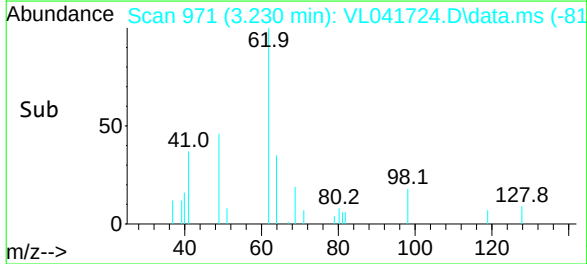
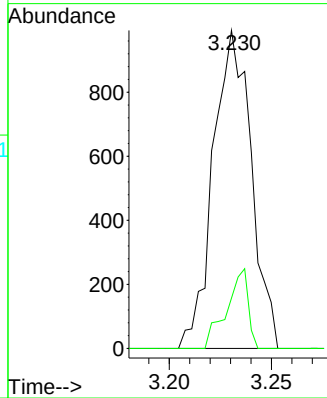


#37
1,2-Dichloroethane
Concen: 0.034 ppbv
RT: 3.230 min Scan# 97
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

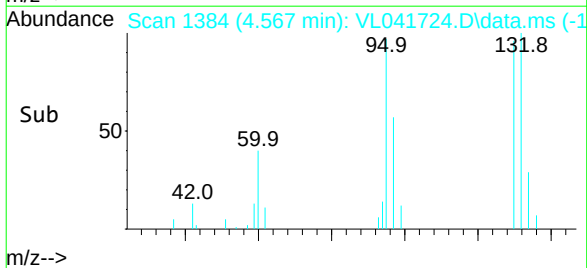
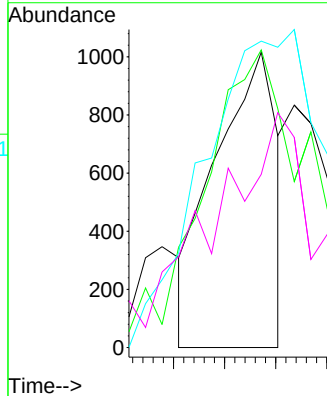
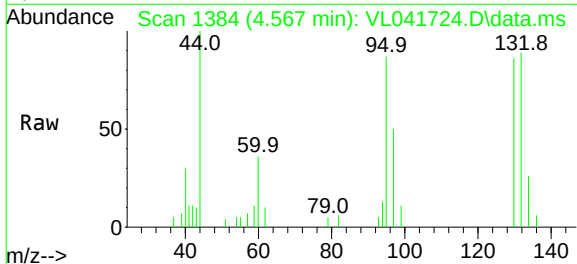


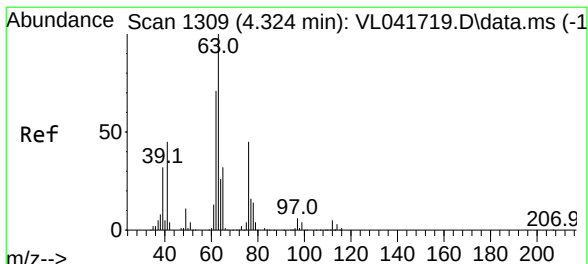
Tgt Ion: 62 Resp: 1285
Ion Ratio Lower Upper
62 100
98 14.2 9.4 14.2#



#38
Trichloroethene
Concen: 0.016 ppbv
RT: 4.567 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

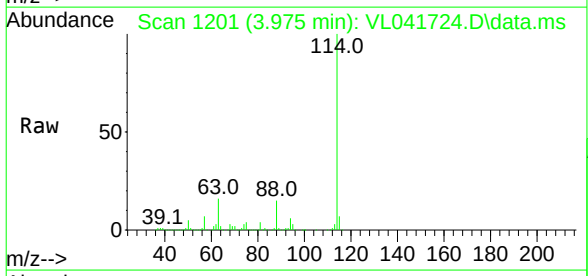
Tgt Ion: 130 Resp: 862
Ion Ratio Lower Upper
130 100
95 96.0 68.0 102.0
132 103.3 76.5 114.7
97 40.2 44.4 66.6#





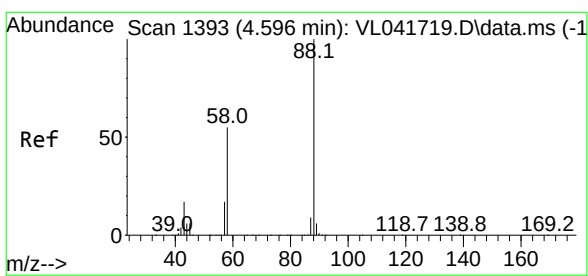
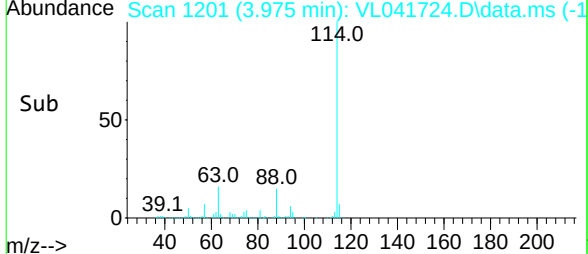
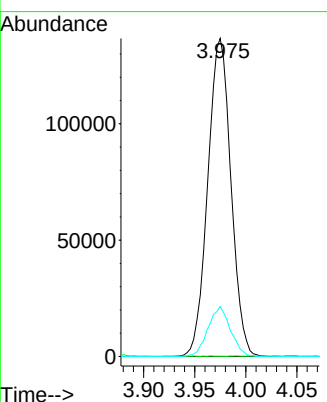
#39
 1,2-Dichloropropane
 Concen: 6.390 ppbv
 RT: 3.975 min Scan# 12
 Delta R.T. -0.350 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 63 Resp: 215726

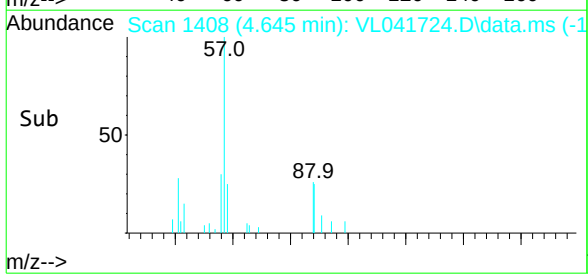
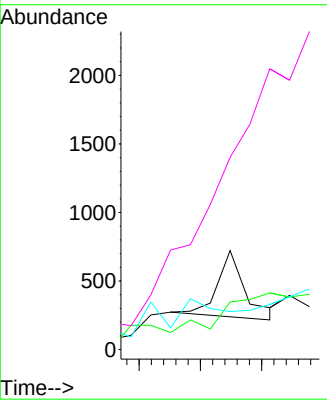
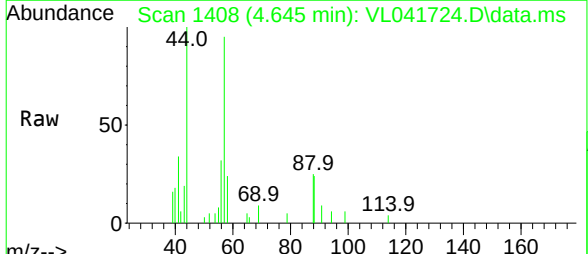
Ion	Ratio	Lower	Upper
63	100		
41	0.0	36.4	54.6#
62	15.7	56.6	85.0#

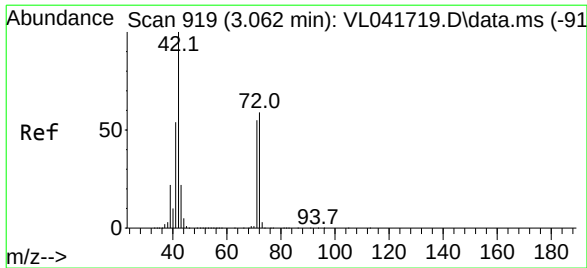


#40
 1,4-Dioxane
 Concen: 0.007 ppbv
 RT: 4.645 min Scan# 1408
 Delta R.T. 0.049 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Tgt Ion: 88 Resp: 147

Ion	Ratio	Lower	Upper
88	100		
58	0.0	45.7	68.5#
43	194.6	0.0	0.0#
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.005 ppbv

RT: 3.072 min Scan# 92

Delta R.T. 0.010 min

Lab File: VL041724.D

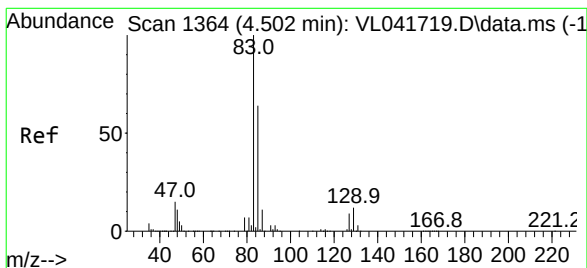
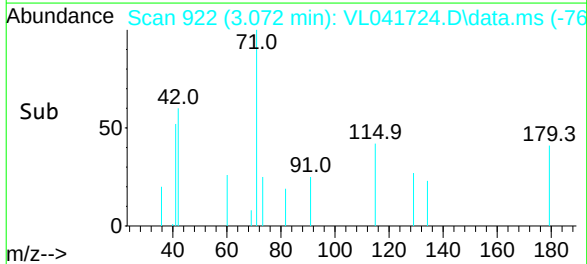
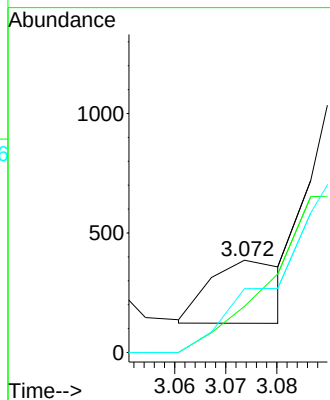
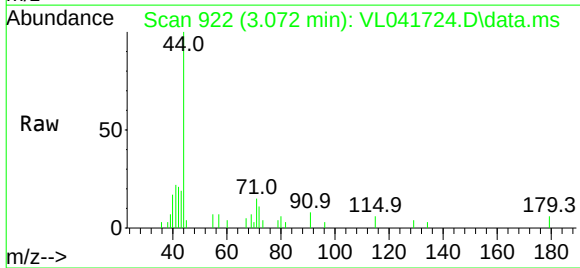
Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 42	Resp:	134
Ion	Ratio	Lower Upper
42	100	
72	0.0	47.4 71.0#
71	0.0	44.4 66.6#



#42

Bromodichloromethane

Concen: 0.006 ppbv

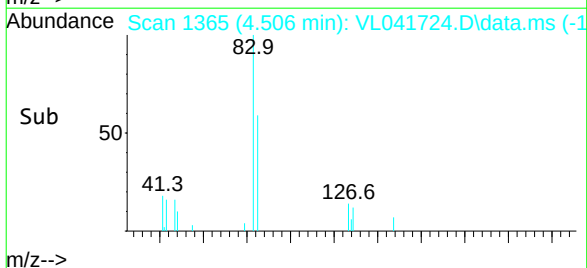
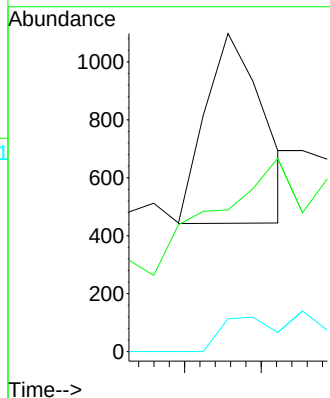
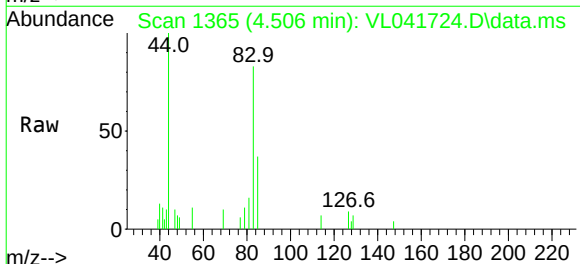
RT: 4.506 min Scan# 1365

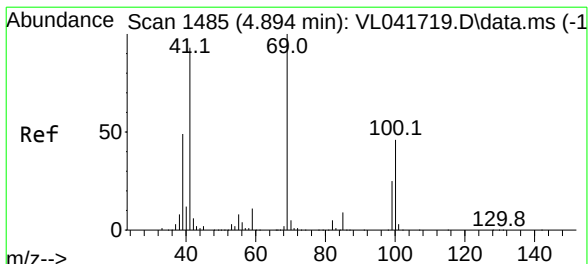
Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Tgt Ion: 83	Resp:	344
Ion	Ratio	Lower Upper
83	100	
85	7.8	51.0 76.6#
127	8.9	7.6 11.4

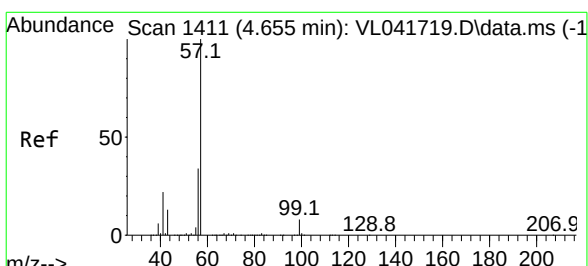
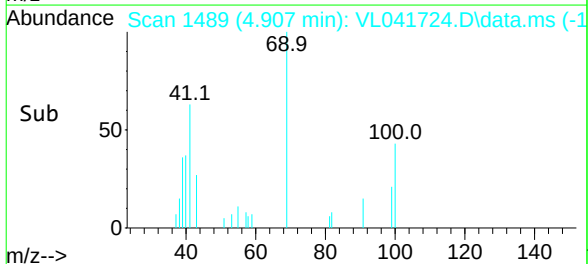
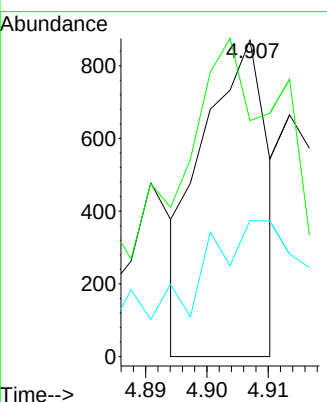
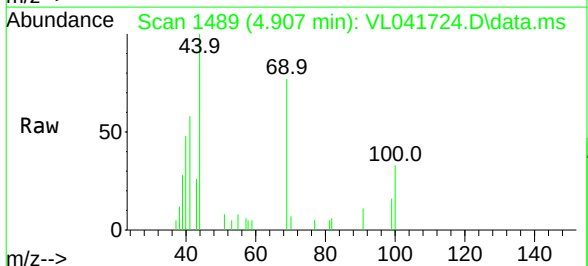




#43
Methyl Methacrylate
Concen: 0.017 ppbv
RT: 4.907 min Scan# 1413
Delta R.T. 0.013 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

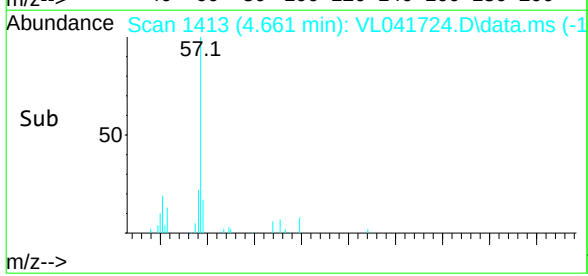
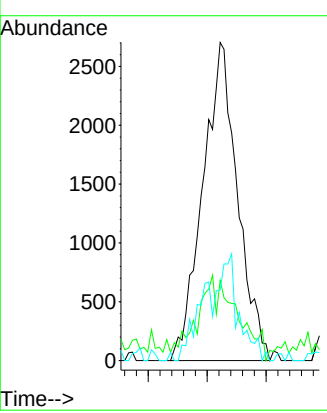
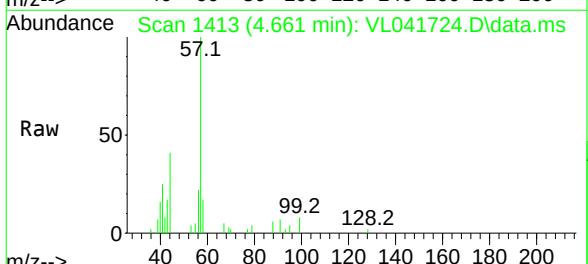
Instrument :
MSVOA_L
ClientSampleId :

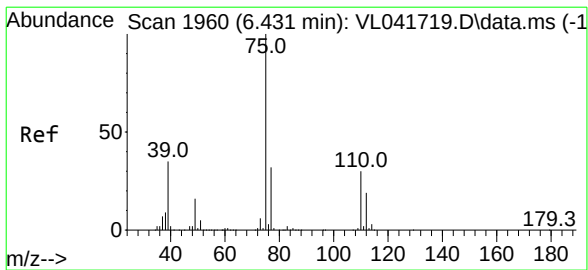
Tgt Ion:	69	Resp:	641
Ion	Ratio	Lower	Upper
69	100		
41	265.7	74.6	112.0#
100	95.6	35.5	53.3#



#44
2,2,4-Trimethylpentane
Concen: 0.038 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

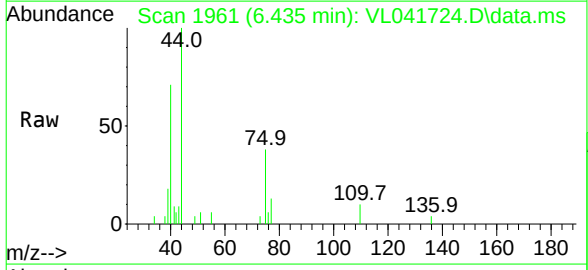
Tgt Ion:	57	Resp:	5540
Ion	Ratio	Lower	Upper
57	100		
41	32.1	17.2	25.8#
56	31.6	26.6	40.0



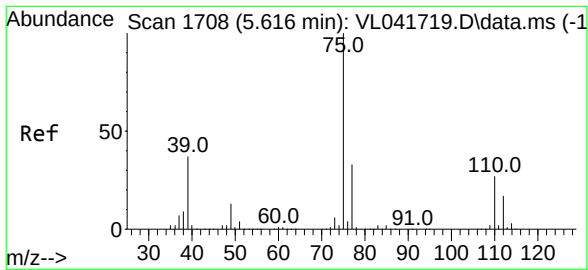
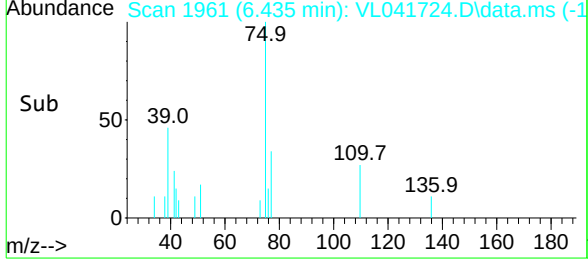
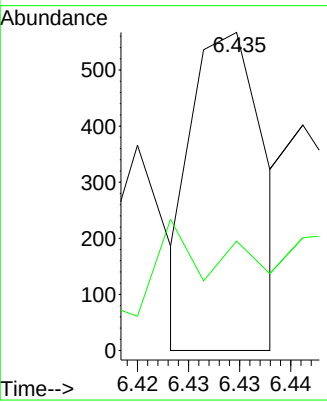


#45
t-1,3-Dichloropropene
Concen: 0.007 ppbv
RT: 6.435 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

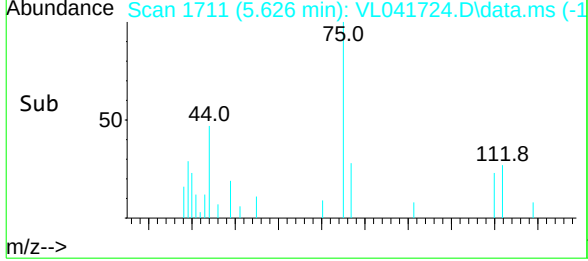
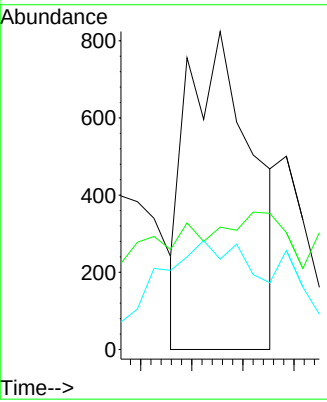
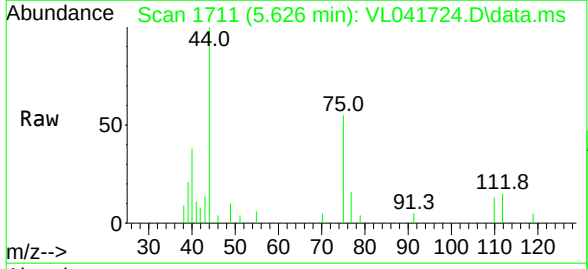


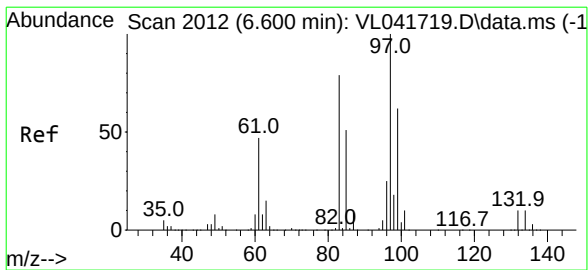
Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
77 34.4 25.8 38.6



#46
cis-1,3-Dichloropropene
Concen: 0.015 ppbv
RT: 5.626 min Scan# 1711
Delta R.T. 0.010 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

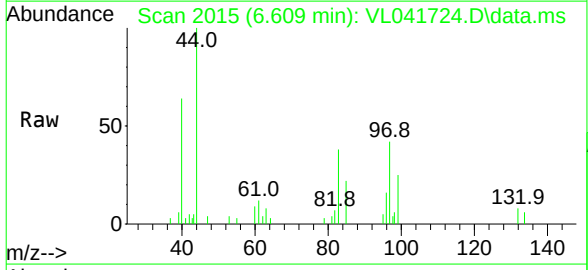
Tgt Ion: 75 Resp: 726
Ion Ratio Lower Upper
75 100
39 9.9 29.8 44.6#
77 10.5 26.2 39.2#



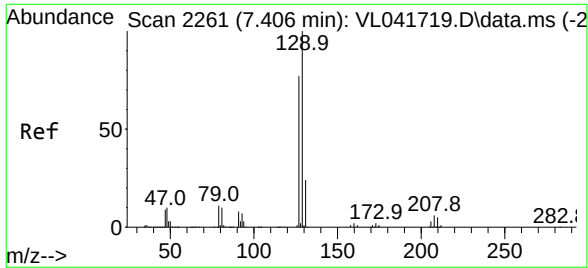
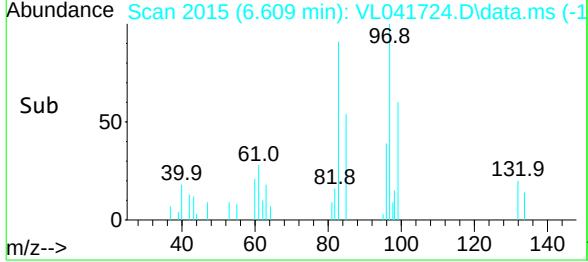
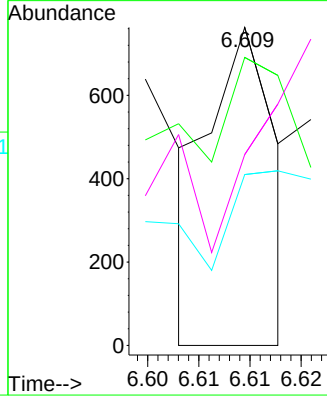


#47
 1,1,2-Trichloroethane
 Concen: 0.008 ppbv
 RT: 6.609 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :

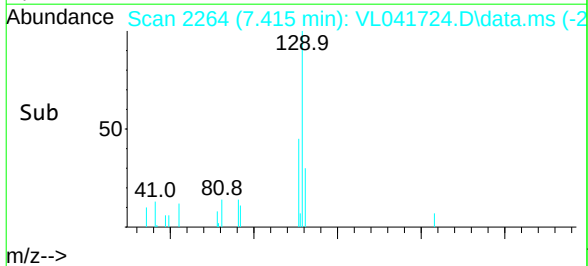
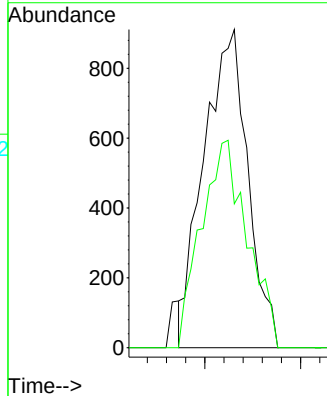
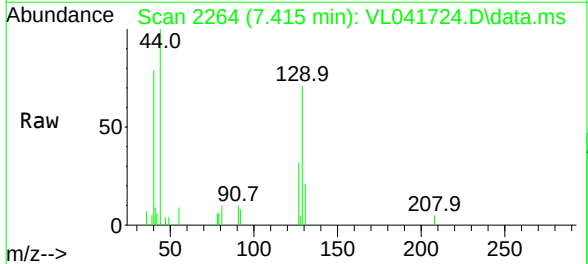


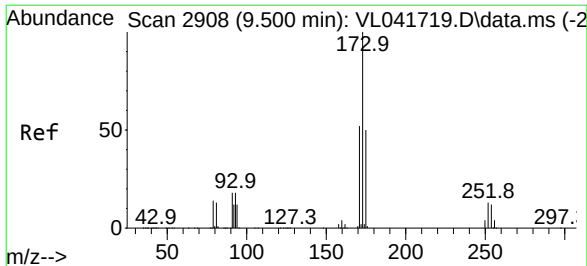
Tgt Ion:	97	Resp:	341
Ion	Ratio	Lower	Upper
97	100		
83	44.5	63.0	94.4#
85	33.1	41.0	61.6#
99	0.0	49.8	74.6#



#48
 Dibromochloromethane
 Concen: 0.022 ppbv
 RT: 7.415 min Scan# 2264
 Delta R.T. 0.010 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Tgt Ion:	129	Resp:	1451
Ion	Ratio	Lower	Upper
129	100		
127	68.2	38.6	115.7





#49

Bromoform

Concen: 0.000 ppbv

RT: 9.516 min Scan# 29

Delta R.T. 0.016 min

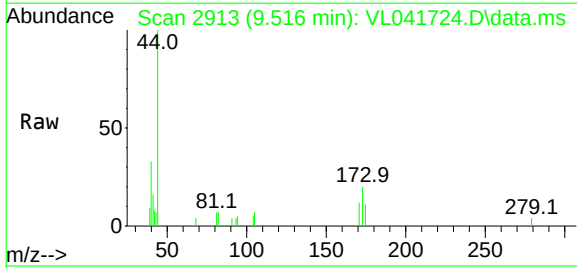
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

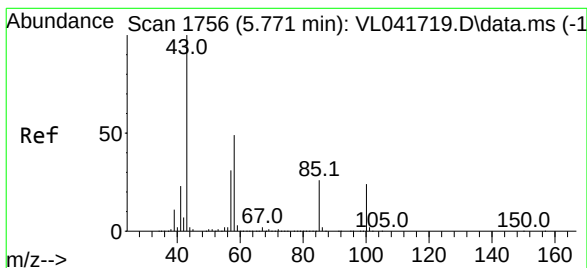
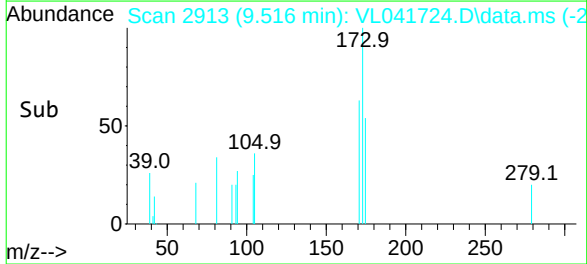
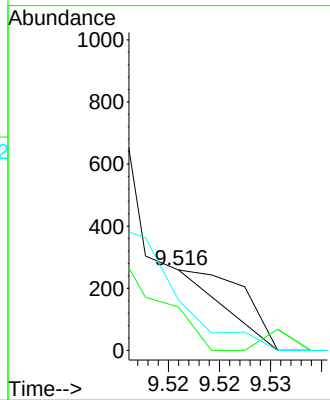
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	12
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.5	59.3#
171	0.0	41.4	62.0#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

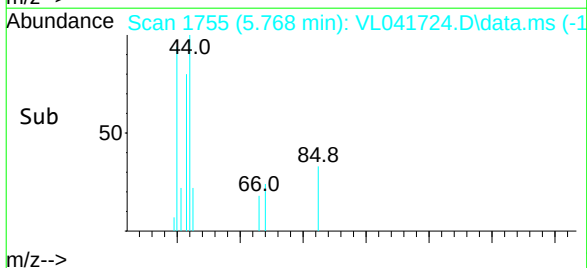
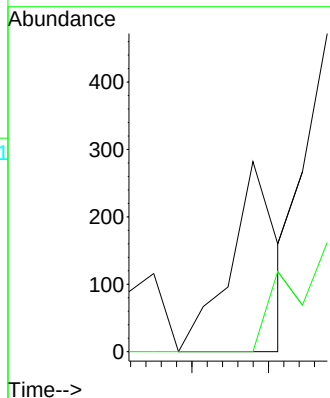
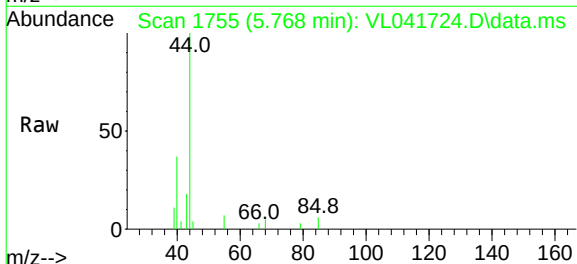
RT: 5.768 min Scan# 1755

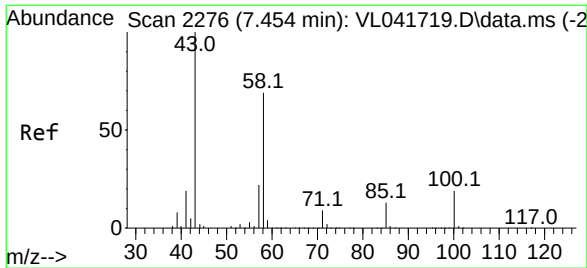
Delta R.T. -0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Tgt Ion:	43	Resp:	118
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.9	58.3#

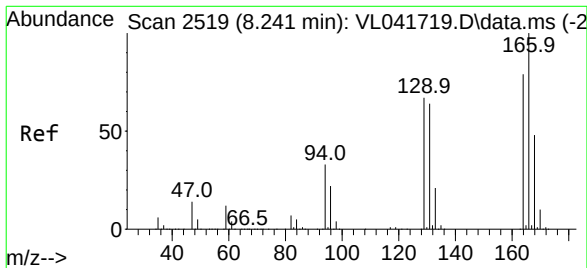
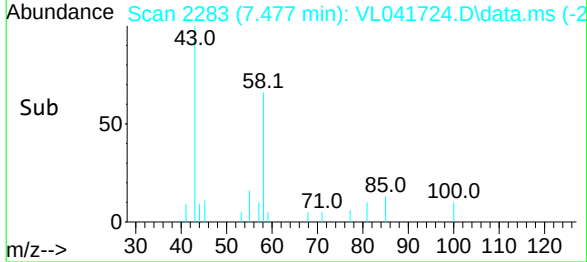
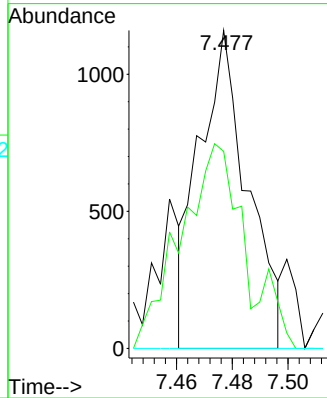
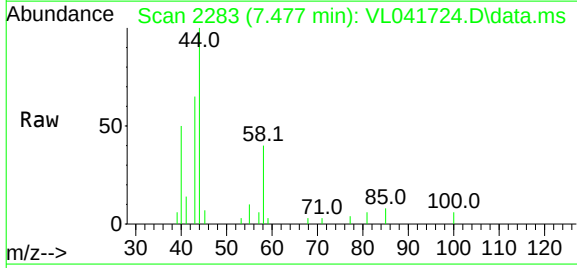




#51
2-Hexanone
Concen: 0.025 ppbv
RT: 7.477 min Scan# 2276
Delta R.T. 0.023 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

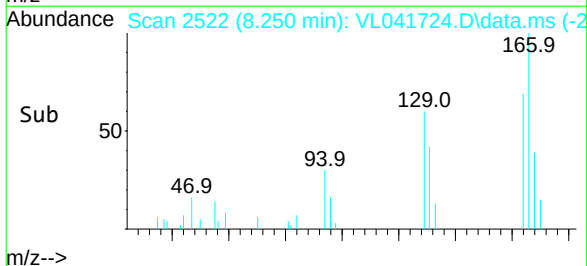
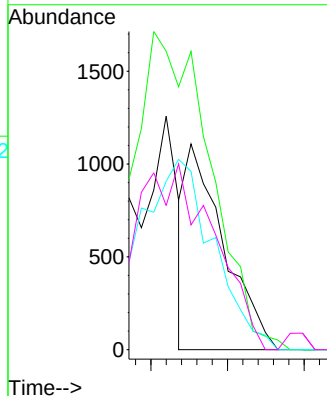
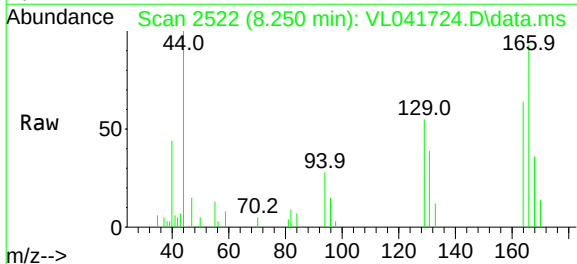
Instrument :
MSVOA_L
ClientSampleId :

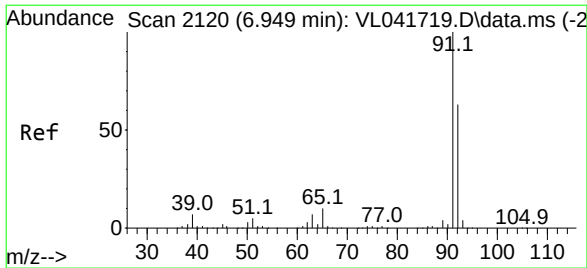
Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 85.7 54.2 81.4#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.014 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.010 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 164 Resp: 761
Ion Ratio Lower Upper
164 100
166 140.3 101.4 152.0
129 86.7 67.6 101.4
131 60.6 65.3 97.9#





#53

Toluene

Concen: 0.038 ppbv

RT: 6.959 min Scan# 2120

Delta R.T. 0.010 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

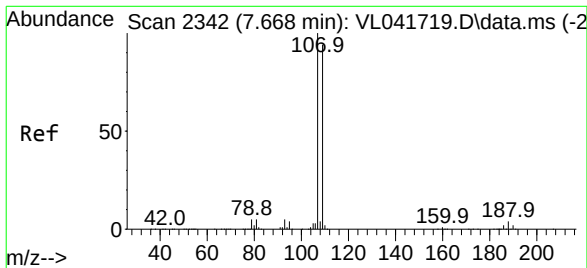
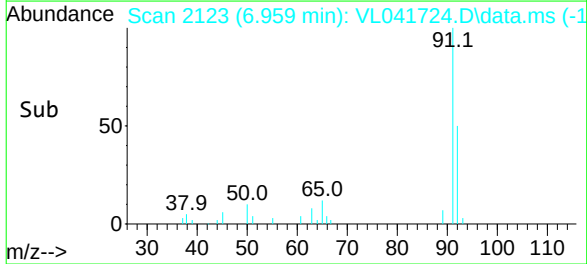
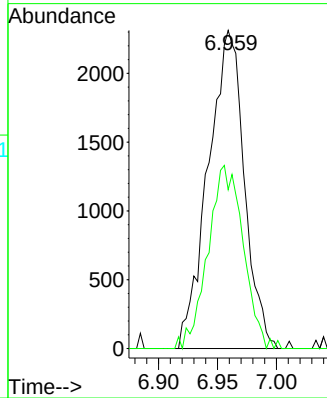
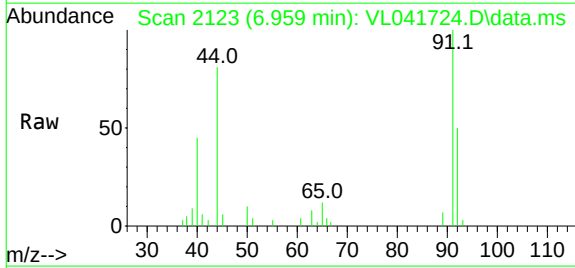
ClientSampleId :

Tgt Ion: 91 Resp: 4930

Ion Ratio Lower Upper

91 100

92 56.1 49.7 74.5



#54

1,2-Dibromoethane

Concen: 0.012 ppbv

RT: 7.681 min Scan# 2346

Delta R.T. 0.013 min

Lab File: VL041724.D

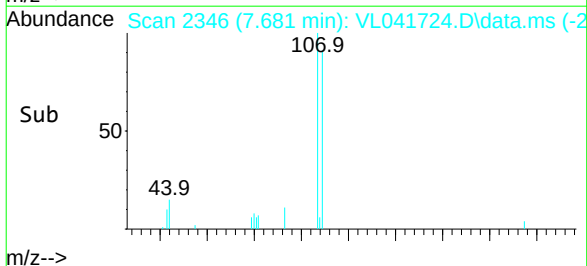
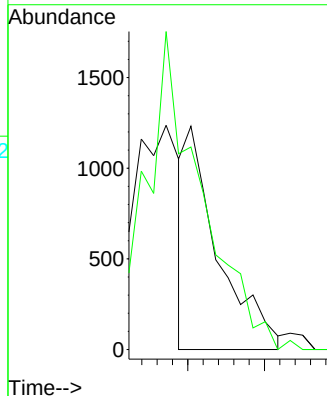
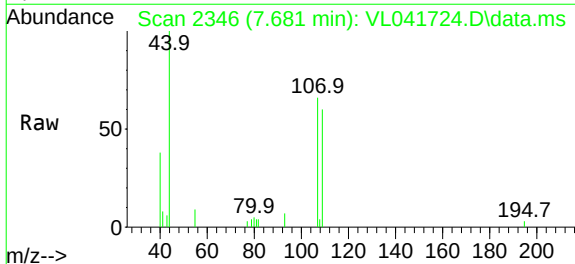
Acq: 11 Dec 2024 16:48

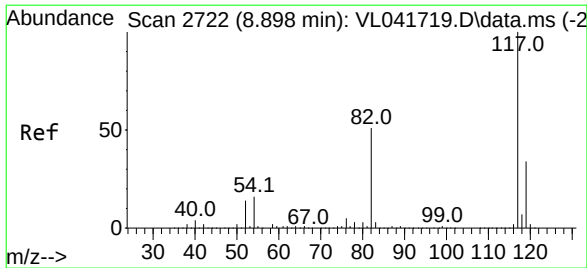
Tgt Ion: 107 Resp: 733

Ion Ratio Lower Upper

107 100

109 96.5 75.5 113.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.901 min Scan# 27

Delta R.T. 0.003 min

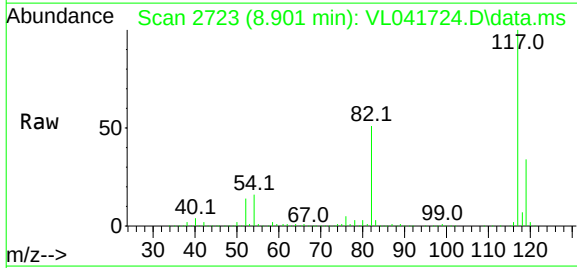
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :



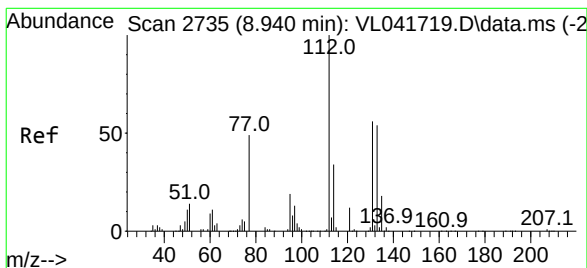
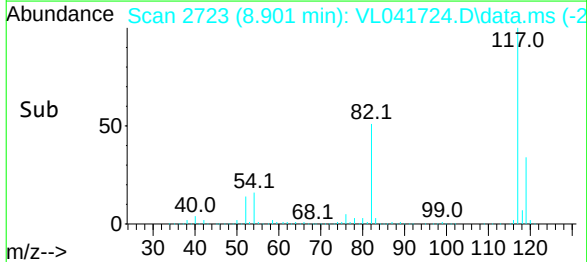
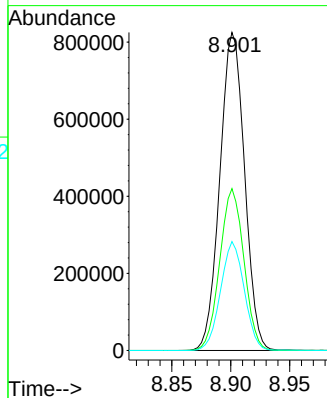
Tgt Ion:117 Resp: 1202636

Ion Ratio Lower Upper

117 100

82 49.8 41.3 61.9

119 33.0 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.027 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

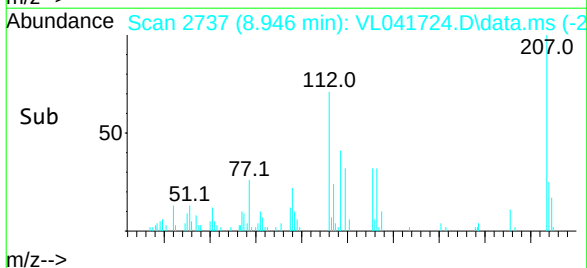
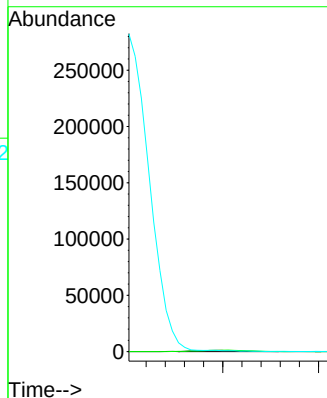
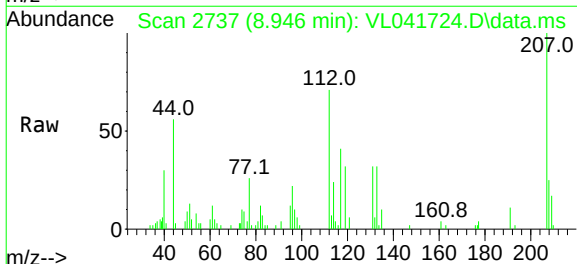
Tgt Ion:131 Resp: 1491

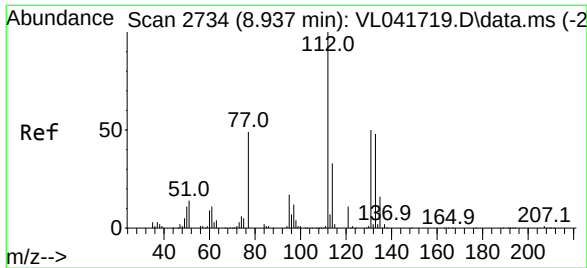
Ion Ratio Lower Upper

131 100

133 149.9 76.9 115.3#

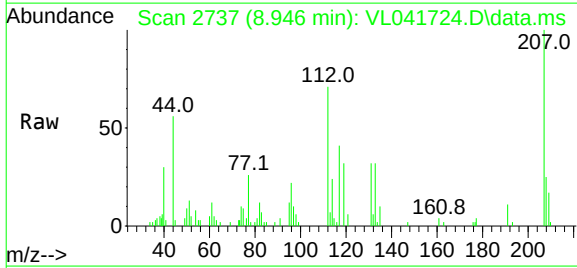
119 0.0 52.6 78.8#



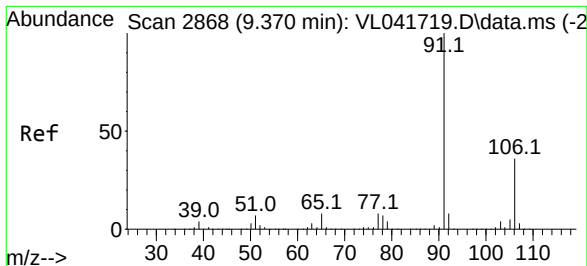
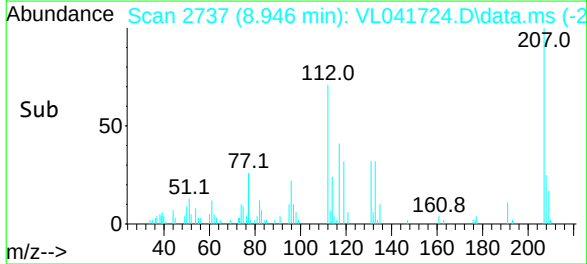
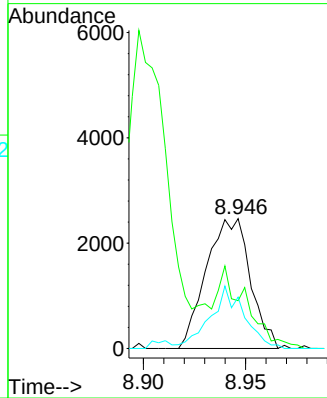


#57
Chlorobenzene
Concen: 0.034 ppbv
RT: 8.946 min Scan# 2734
Delta R.T. 0.010 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

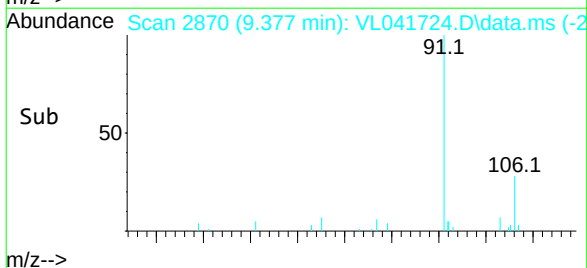
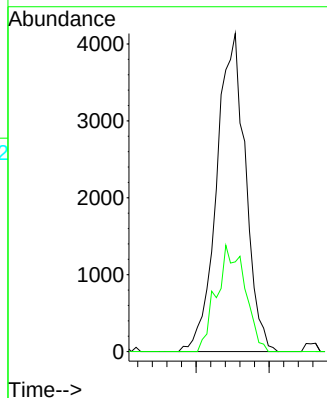
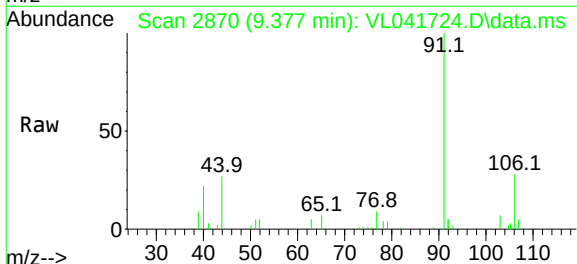


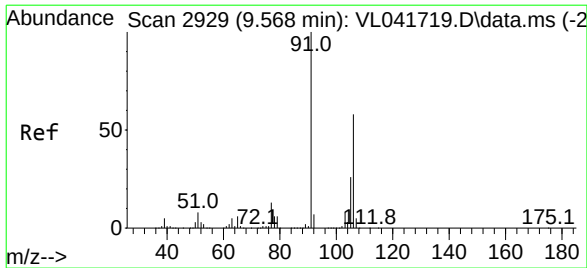
Tgt Ion: 112 Resp: 3690
Ion Ratio Lower Upper
112 100
77 29.8 40.1 60.1#
114 36.7 30.2 36.9



#58
Ethyl Benzene
Concen: 0.035 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 91 Resp: 5669
Ion Ratio Lower Upper
91 100
106 28.2 28.6 43.0#

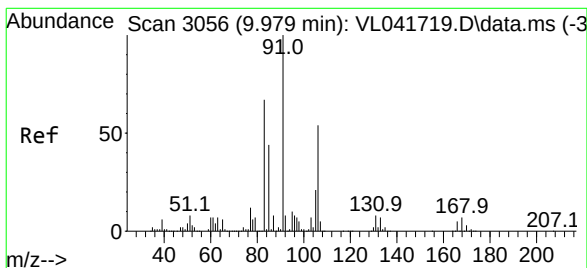
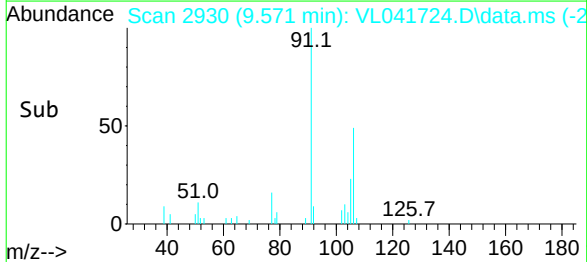
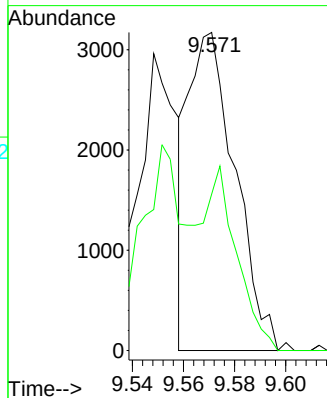
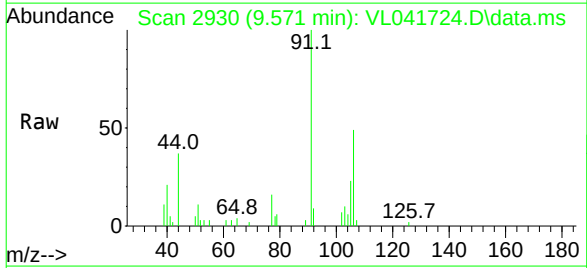




#59
m/p-Xylene
Concen: 0.033 ppbv
RT: 9.571 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

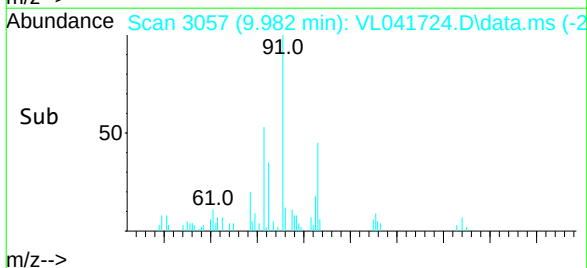
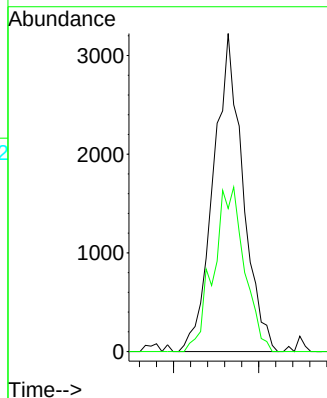
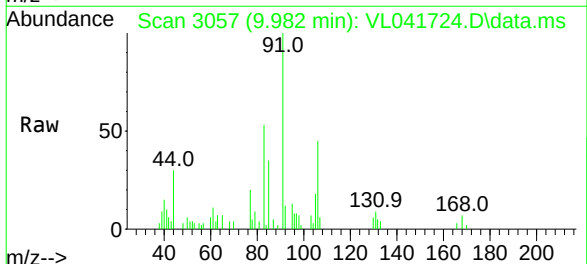
Instrument :
MSVOA_L
ClientSampleId :

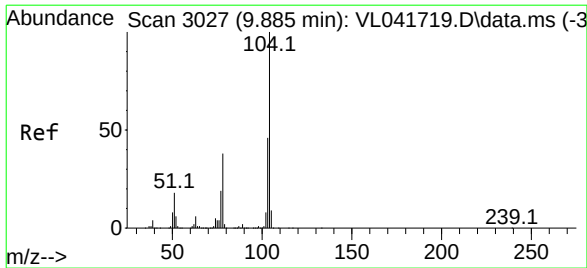
Tgt Ion: 91 Resp: 4039
Ion Ratio Lower Upper
91 100
106 0.0 45.1 67.7#



#60
o-Xylene
Concen: 0.032 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 91 Resp: 3876
Ion Ratio Lower Upper
91 100
106 54.4 26.8 80.4





#61

Styrene

Concen: 0.024 ppbv

RT: 9.891 min Scan# 3027

Delta R.T. 0.006 min

Lab File: VL041724.D

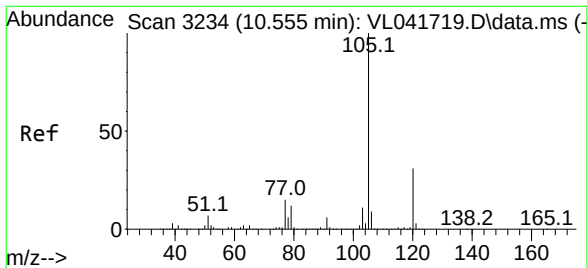
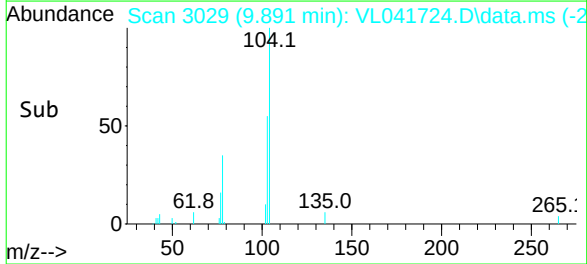
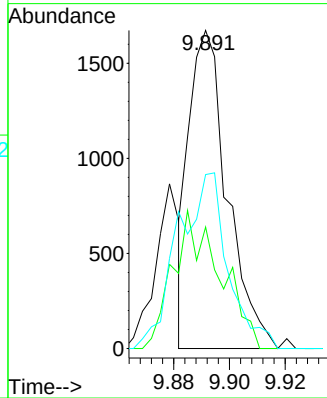
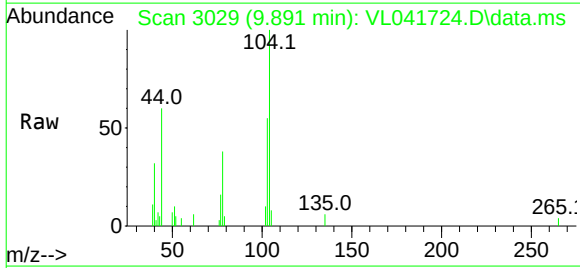
Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	104	Resp:	1596
Ion Ratio	Lower	Upper	
104	100		
78	53.3	30.2	45.4#
103	72.2	36.7	55.1#



#62

Isopropylbenzene

Concen: 0.032 ppbv

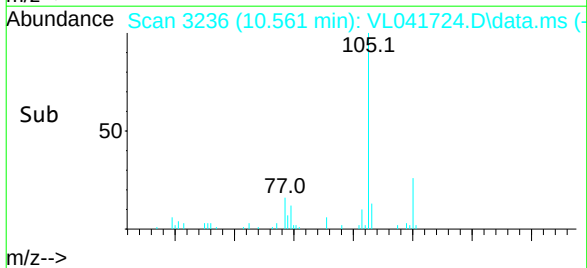
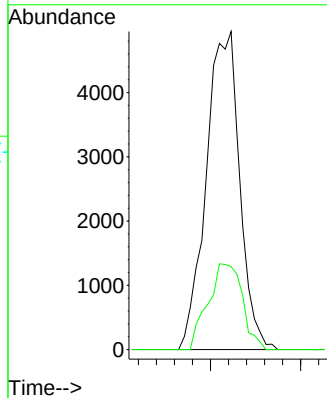
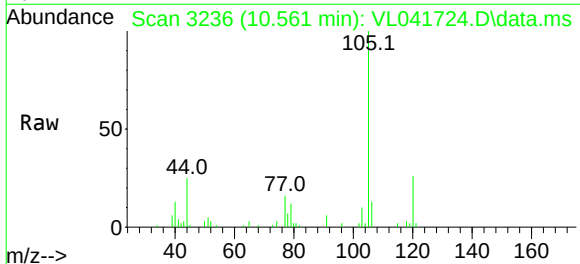
RT: 10.561 min Scan# 3236

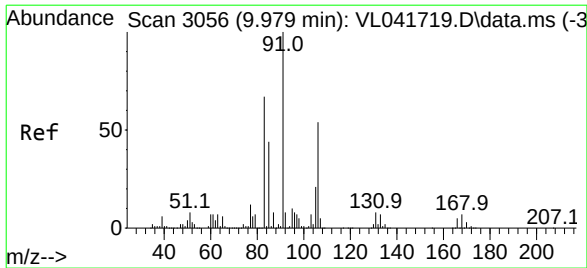
Delta R.T. 0.006 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

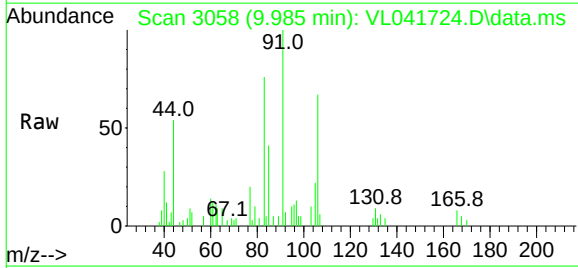
Tgt Ion:	105	Resp:	6375
Ion Ratio	Lower	Upper	
105	100		
120	27.7	24.3	36.5



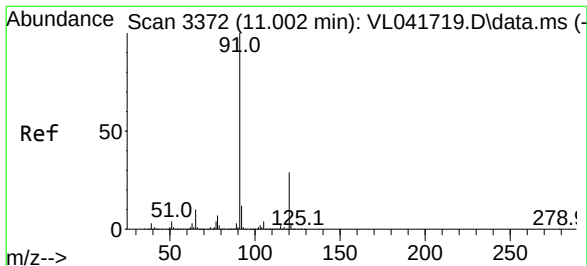
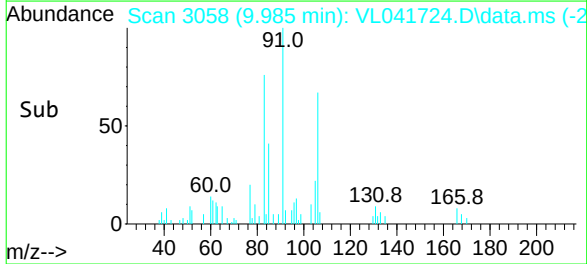
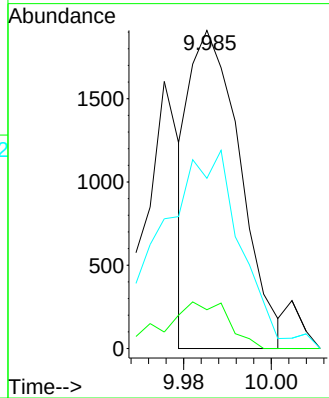


#63
1,1,2,2-Tetrachloroethane
Concen: 0.019 ppbv
RT: 9.985 min Scan# 3056
Delta R.T. 0.006 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Instrument :
MSVOA_L
ClientSampleId :

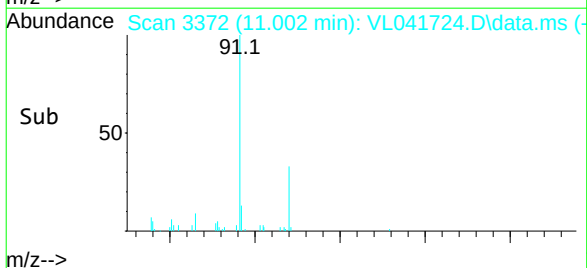
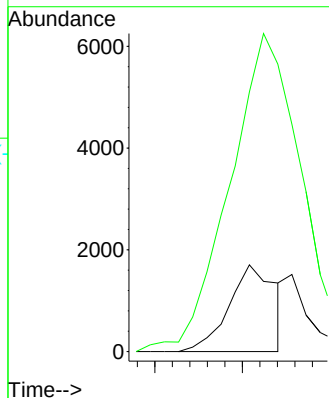
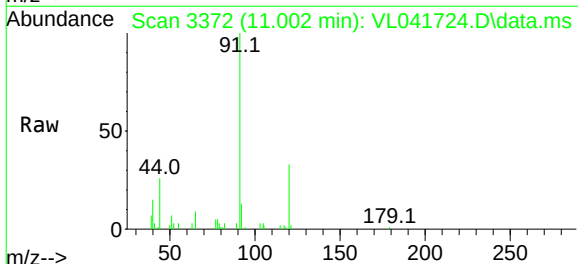


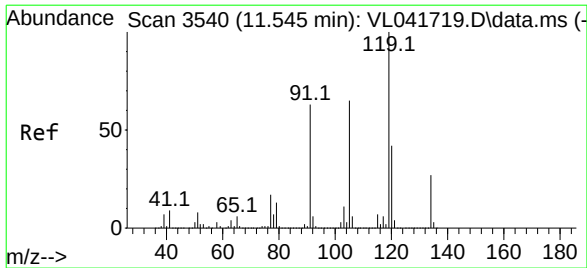
Tgt Ion: 83 Resp: 1533
Ion Ratio Lower Upper
83 100
131 18.5 5.9 17.6#
85 97.3 32.8 98.4



#64
n-propylbenzene
Concen: 0.021 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 120 Resp: 1264
Ion Ratio Lower Upper
120 100
91 568.8 290.8 436.2#





#65

tert-Butylbenzene

Concen: 0.030 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.003 min

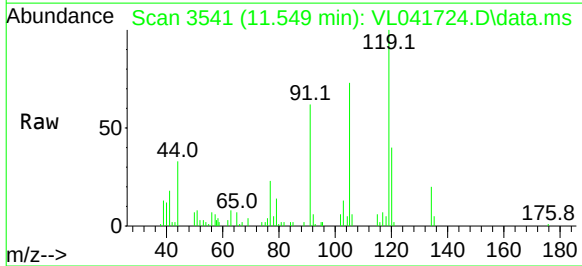
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :



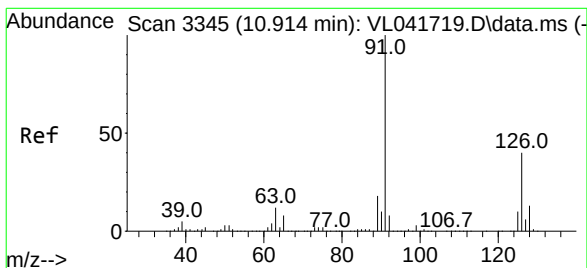
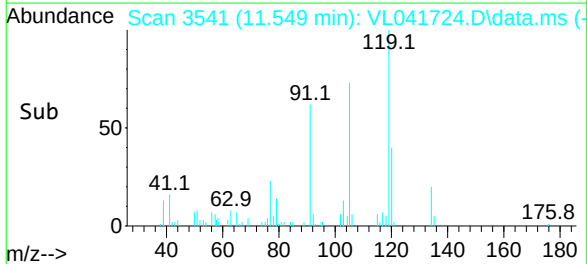
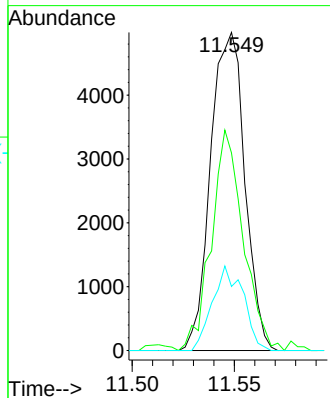
Tgt Ion: 119 Resp: 5798

Ion Ratio Lower Upper

119 100

91 66.7 50.2 75.4

134 23.9 20.4 30.6



#66

Benzyl Chloride

Concen: 0.033 ppbv

RT: 10.917 min Scan# 3346

Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

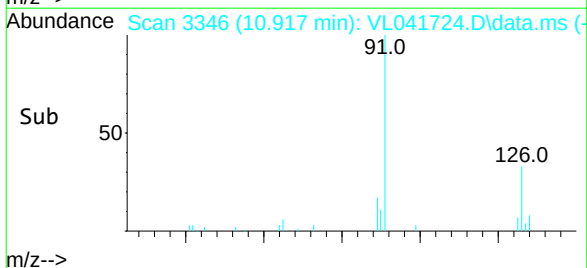
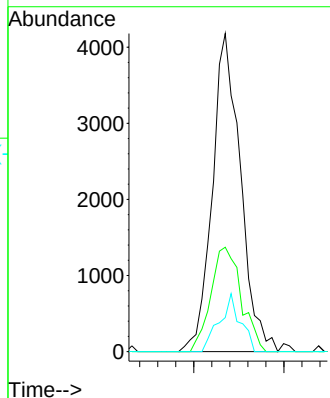
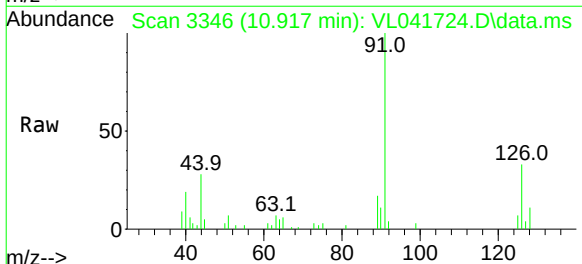
Tgt Ion: 91 Resp: 4533

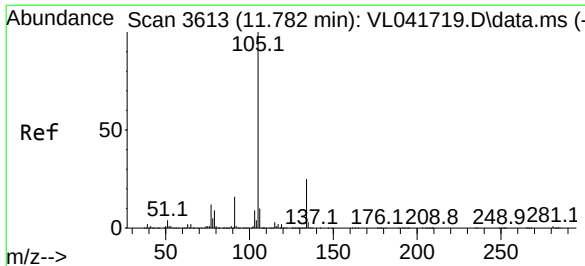
Ion Ratio Lower Upper

91 100

126 35.6 31.8 47.8

128 13.4 10.3 15.5





#67

sec-Butylbenzene

Concen: 0.030 ppbv

RT: 11.782 min Scan# 3613

Delta R.T. -0.000 min

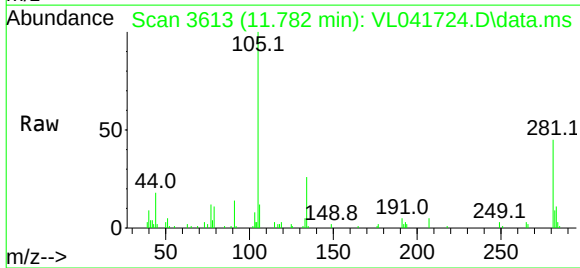
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

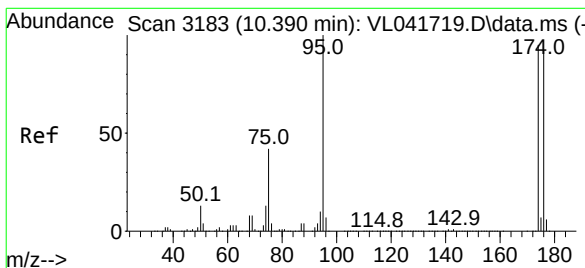
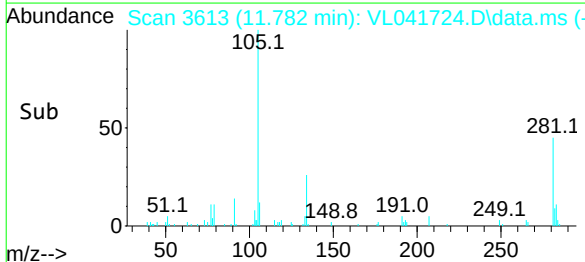
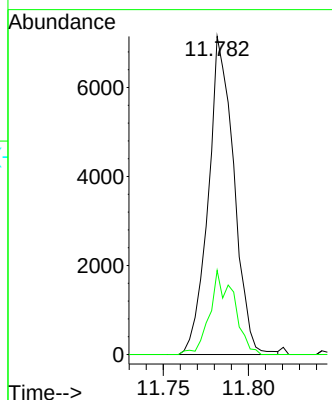


Tgt Ion:105 Resp: 7477

Ion Ratio Lower Upper

105 100

134 25.1 19.3 28.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.903 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

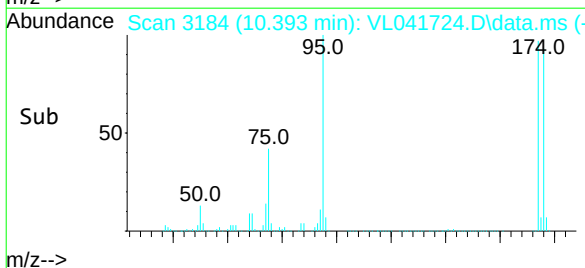
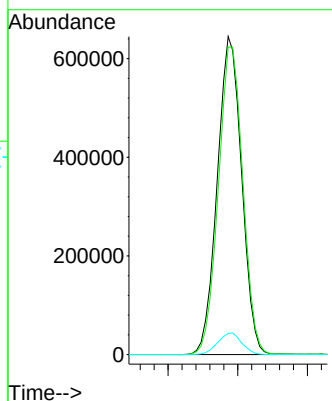
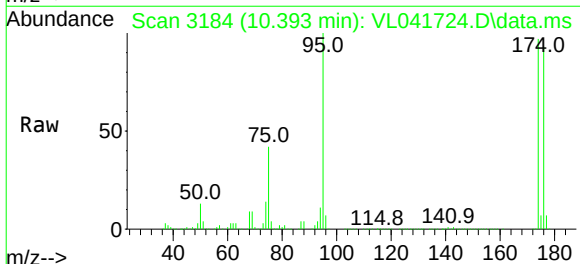
Tgt Ion: 95 Resp: 782948

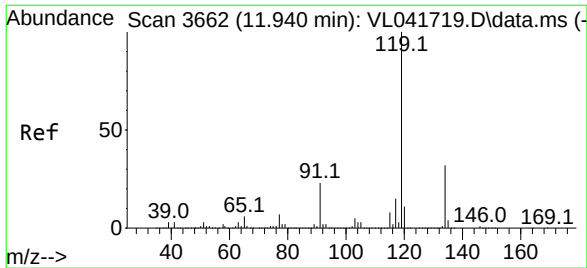
Ion Ratio Lower Upper

95 100

174 97.8 76.7 115.1

175 6.7 5.4 8.2





#69

p-Isopropyltoluene

Concen: 0.027 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. -0.000 min

Lab File: VL041724.D

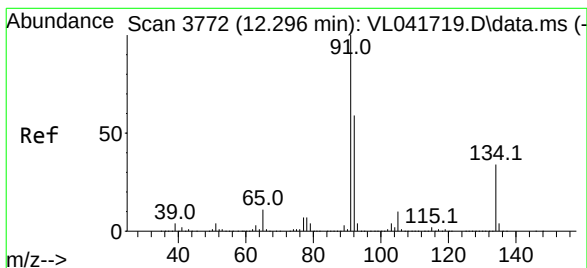
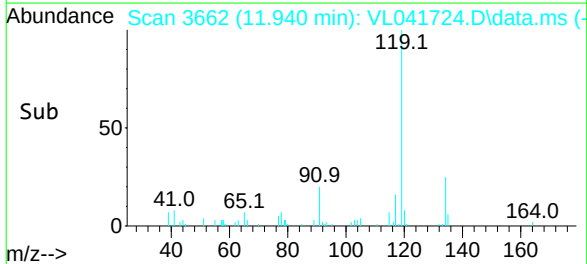
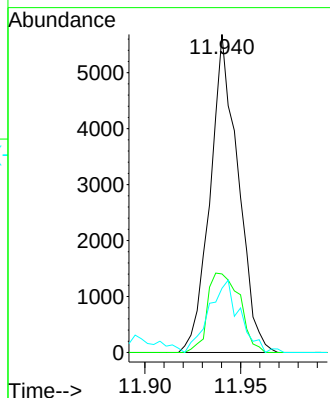
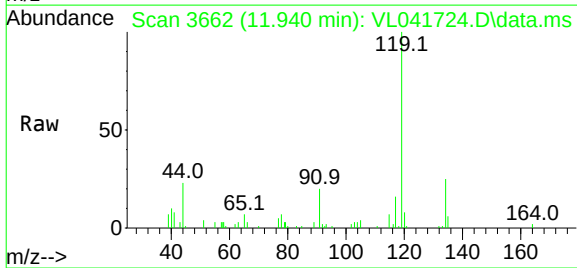
Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	5753
Ion	Ratio	Lower	Upper
119	100		
134	28.8	24.6	36.8
91	25.2	17.8	26.8



#70

n-Butylbenzene

Concen: 0.030 ppbv

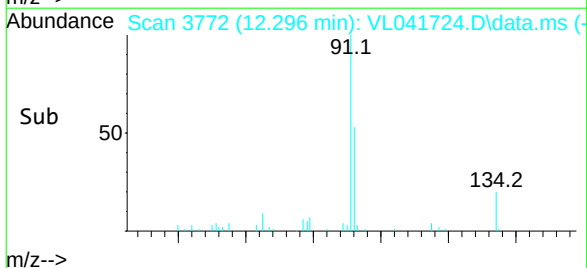
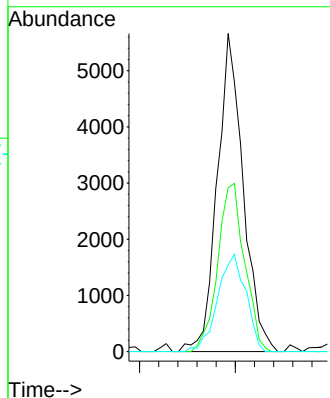
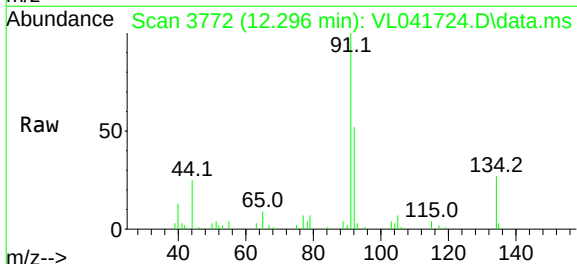
RT: 12.296 min Scan# 3772

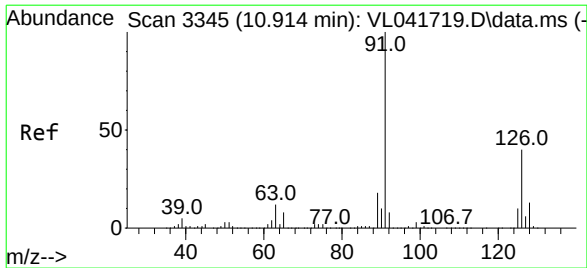
Delta R.T. -0.000 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Tgt Ion:	91	Resp:	5325
Ion	Ratio	Lower	Upper
91	100		
92	54.7	46.7	70.1
134	33.2	26.2	39.4

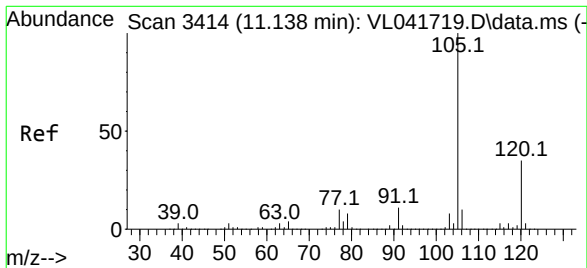
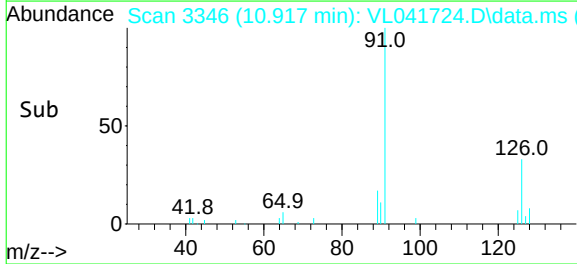
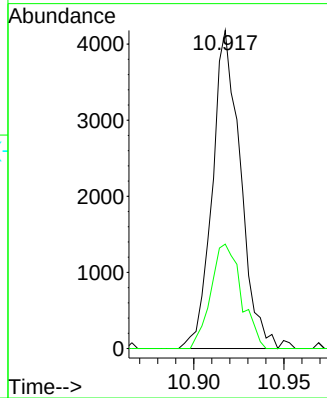
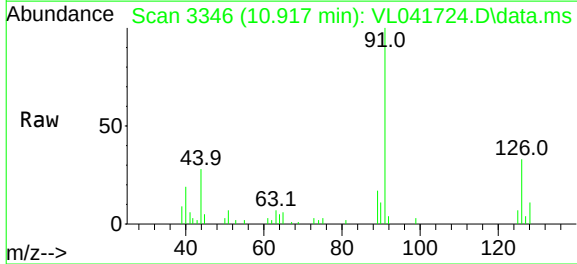




#71
2-Chlorotoluene
Concen: 0.033 ppbv
RT: 10.917 min Scan# 3345
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

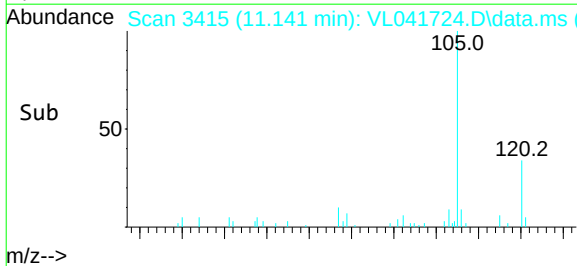
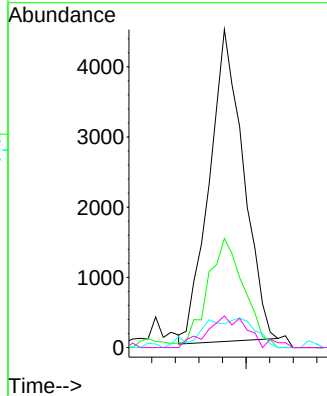
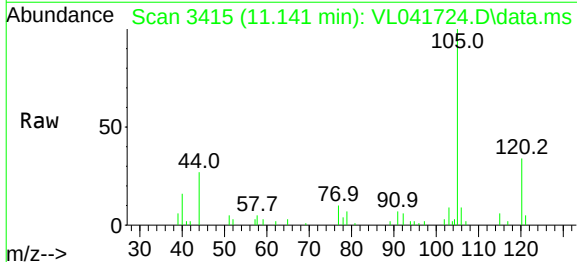
Instrument :
MSVOA_L
ClientSampleId :

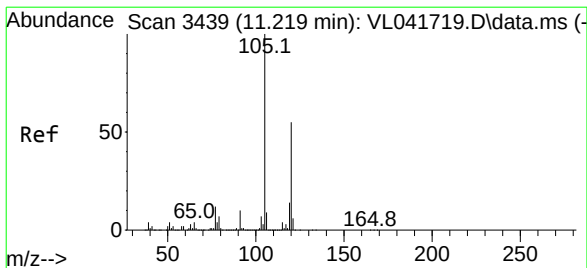
Tgt Ion: 91 Resp: 4533
Ion Ratio Lower Upper
91 100
126 35.6 15.9 63.7



#72
4-Ethyltoluene
Concen: 0.028 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041724.D
Acq: 11 Dec 2024 16:48

Tgt Ion: 105 Resp: 4476
Ion Ratio Lower Upper
105 100
120 39.2 28.0 42.0
91 17.3 8.8 13.2#
77 12.6 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 0.030 ppbv

RT: 11.222 min Scan# 3439

Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

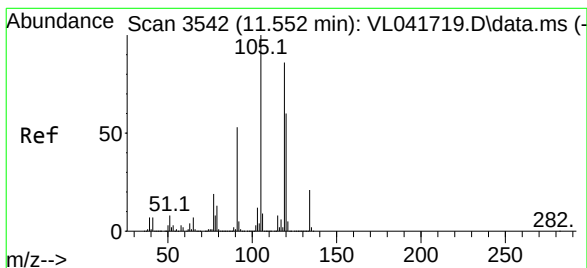
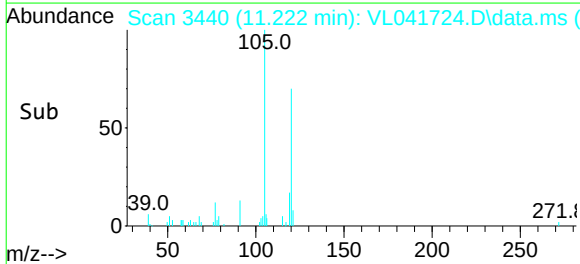
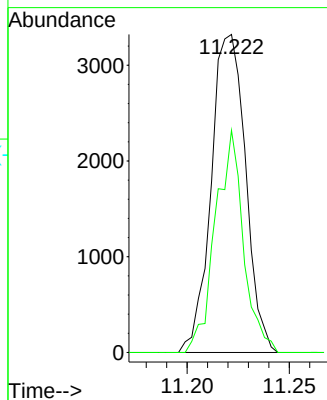
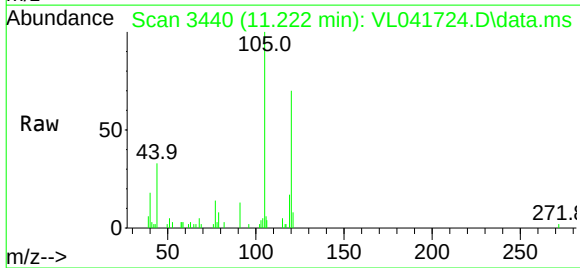
ClientSampleId :

Tgt Ion:105 Resp: 3889

Ion Ratio Lower Upper

105 100

120 66.0 43.6 65.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.032 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Tgt Ion:105 Resp: 4483

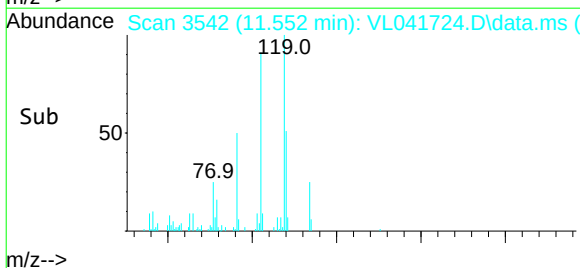
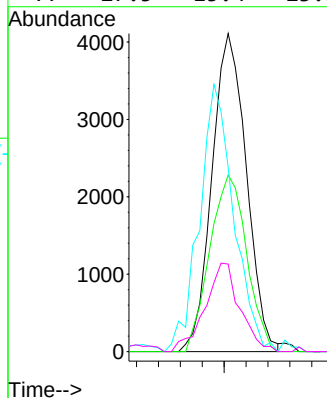
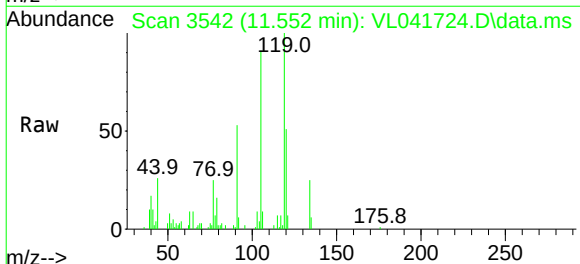
Ion Ratio Lower Upper

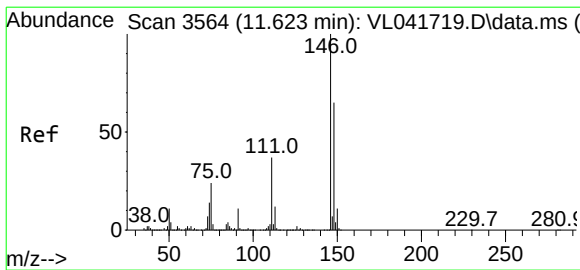
105 100

120 55.5 47.8 71.6

91 57.9 42.5 63.7

77 27.5 15.4 23.2#





#75

1,3-Dichlorobenzene

Concen: 0.034 ppbv

RT: 11.620 min Scan# 35

Delta R.T. -0.003 min

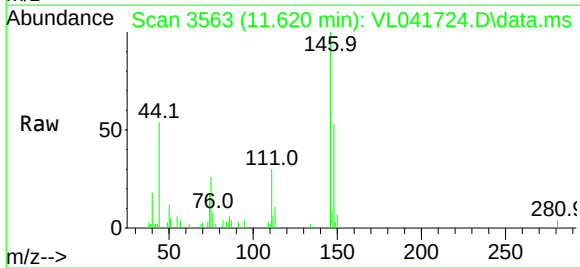
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :



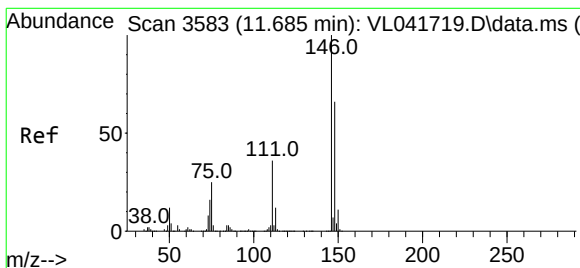
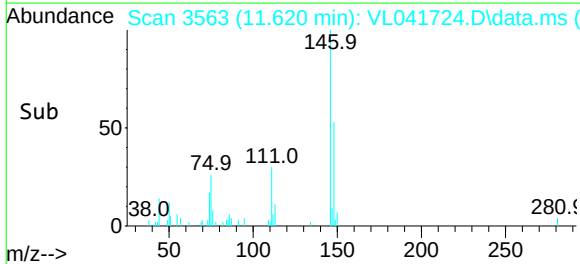
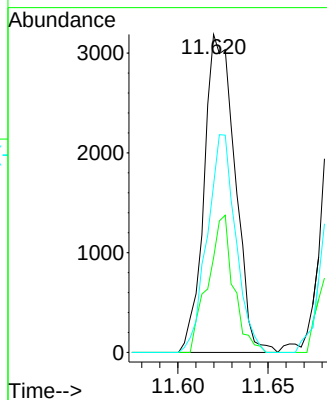
Tgt Ion:146 Resp: 3783

Ion Ratio Lower Upper

146 100

111 35.7 18.4 55.2

148 63.4 32.4 97.2



#76

1,4-Dichlorobenzene

Concen: 0.031 ppbv

RT: 11.691 min Scan# 3585

Delta R.T. 0.006 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

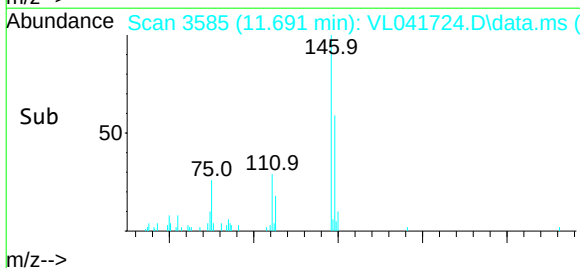
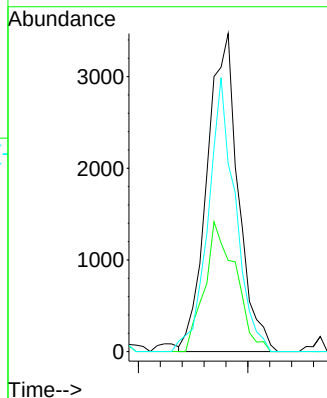
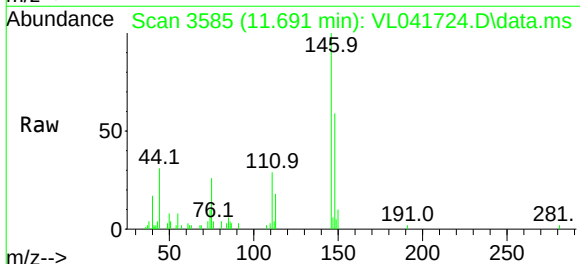
Tgt Ion:146 Resp: 3447

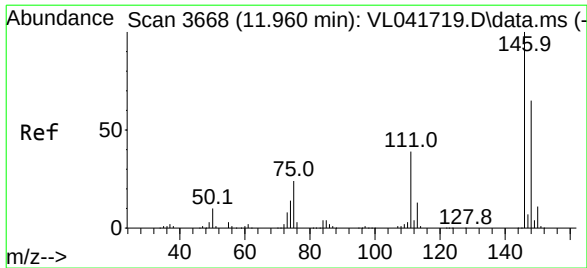
Ion Ratio Lower Upper

146 100

111 40.5 17.8 53.4

148 74.5 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 0.037 ppbv

RT: 11.963 min Scan# 3668

Delta R.T. 0.003 min

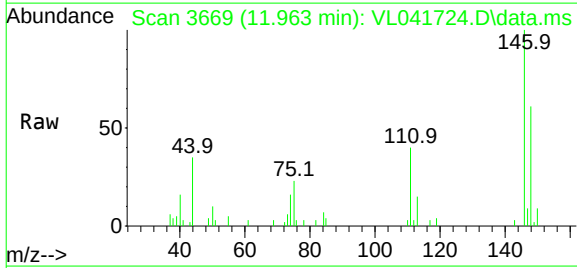
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

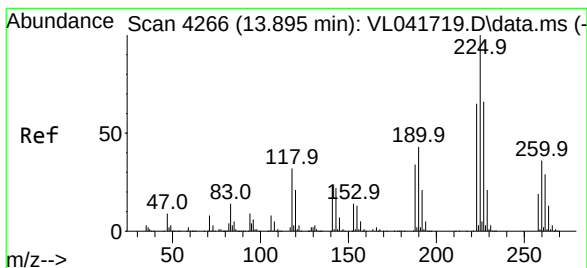
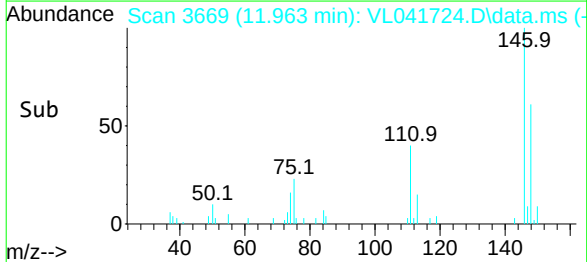
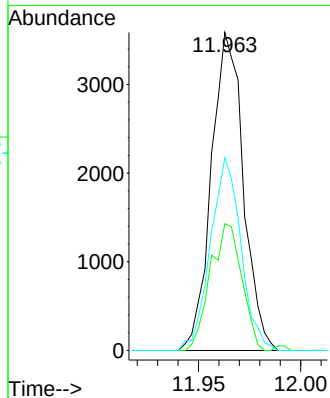
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	146	Resp:	3897
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.2	57.6
148	58.0	32.4	97.2



#78

Hexachloro-1,3-Butadiene

Concen: 0.034 ppbv

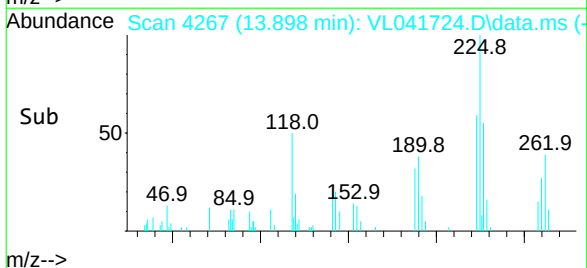
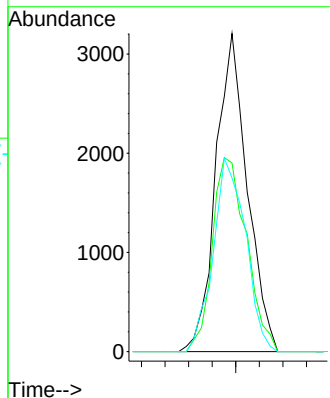
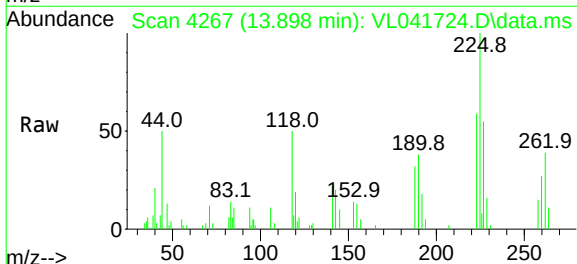
RT: 13.898 min Scan# 4267

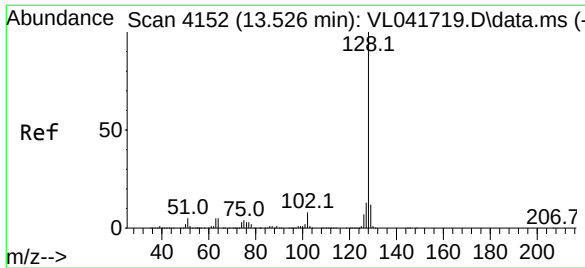
Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

Tgt Ion:	225	Resp:	2967
Ion Ratio	Lower	Upper	
225	100		
223	66.3	51.1	76.7
227	62.6	51.8	77.6





#79

Naphthalene

Concen: 0.038 ppbv

RT: 13.533 min Scan# 4153

Delta R.T. 0.006 min

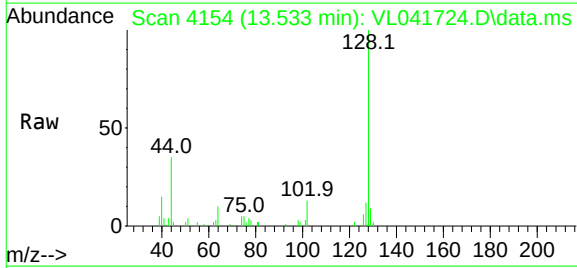
Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

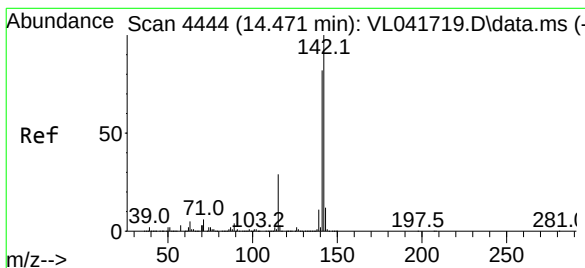
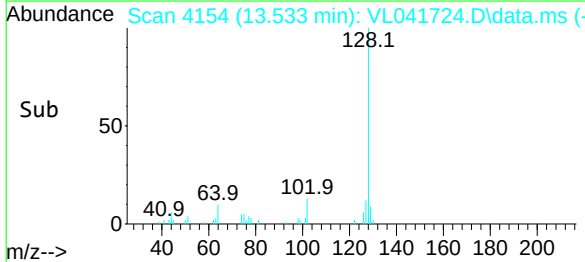
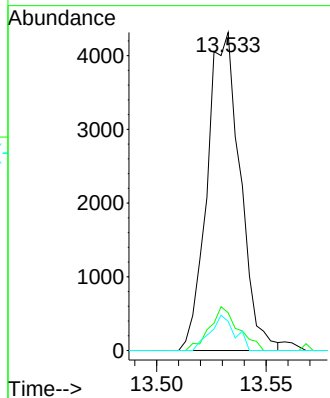
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	128	Resp:	4518
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.2
129	9.2	9.4	14.0



#80

Naphthalene, 2-methyl-

Concen: 0.048 ppbv

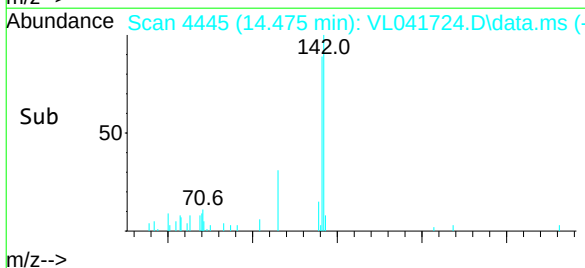
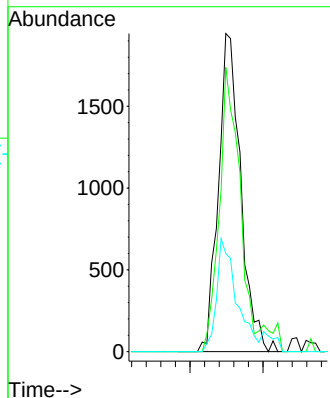
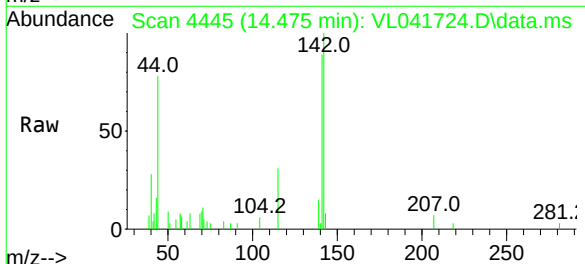
RT: 14.475 min Scan# 4445

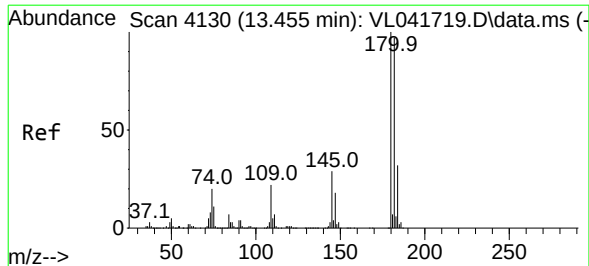
Delta R.T. 0.003 min

Lab File: VL041724.D

Acq: 11 Dec 2024 16:48

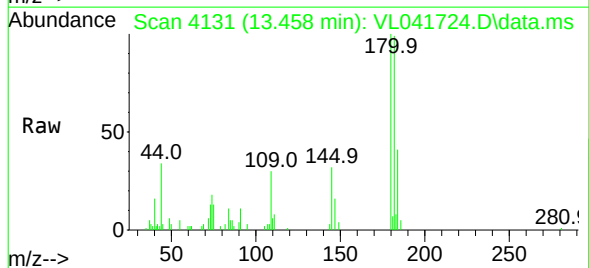
Tgt Ion:	142	Resp:	2063
Ion	Ratio	Lower	Upper
142	100		
141	87.3	66.0	99.0
115	35.7	22.8	34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.052 ppbv
 RT: 13.458 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041724.D
 Acq: 11 Dec 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	3918
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.2	115.8
184	31.6	25.2	37.8

