

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041722.D
 Acq On : 11 Dec 2024 15:46
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:16:34 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	2.793	49	278009	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	1393681	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	1236387	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	807853	9.939	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.499	85	23630	0.484	ppbv	97
3) Chlorodifluoromethane	1.476	51	20179	0.533	ppbv	98
4) Chloromethane	1.534	50	6397	0.494	ppbv	98
5) Vinyl Chloride	1.583	62	7601	0.479	ppbv	99
6) Bromomethane	1.670	94	5068	0.487	ppbv	94
7) Chloroethane	1.706	64	3557	0.516	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	19977	0.502	ppbv	99
9) Propene	1.890	41	2727	0.169	ppbv	97
10) Heptane	4.991	43	22950	0.514	ppbv	98
11) Trichlorofluoromethane	1.881	101	28015	0.499	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	25373	0.502	ppbv	99
13) Ethanol	1.722	45	1184	0.887	ppbv	85
14) Bromoethene	1.784	108	8449	0.456	ppbv #	78
15) Acetone	1.839	43	19921	0.621	ppbv	90
16) 1,3-Butadiene	1.612	39	5561	0.516	ppbv	99
17) tert-Butyl alcohol	2.046	59	23823	0.512	ppbv #	91
18) 1,1-Dichloroethene	2.036	96	11212	0.479	ppbv	91
19) Isopropyl Alcohol	1.890	45	26854	0.881	ppbv #	30
20) Methylene Chloride	2.065	84	11215	0.577	ppbv	97
21) Allyl Chloride	2.098	41	8560	0.474	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	13353	0.499	ppbv	96
23) Vinyl Acetate	2.467	43	9495	0.489	ppbv #	95
24) 1,1-Dichloroethane	2.412	63	17862	0.494	ppbv	99
25) Ethyl Acetate	4.991	43	22950	0.514	ppbv #	97
26) Hexane	2.829	57	22465	0.519	ppbv	96
27) Carbon Disulfide	2.153	76	19123	0.429	ppbv #	81
28) Methyl tert-Butyl Ether	2.447	73	17373	0.535	ppbv #	90
29) Chloroform	2.855	83	34490	0.521	ppbv	93
30) Cyclohexane	3.868	84	11845	0.244	ppbv #	2
31) cis-1,2-Dichloroethene	2.725	61	20548	0.512	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	31733	0.487	ppbv	99
34) 2-Butanone	2.564	43	25869	0.530	ppbv	99
35) Carbon Tetrachloride	3.771	117	31260	0.482	ppbv	99
36) Benzene	3.664	78	57149	0.522	ppbv	99
37) 1,2-Dichloroethane	3.227	62	20338	0.514	ppbv	98
38) Trichloroethene	4.561	130	28565	0.503	ppbv	95
39) 1,2-Dichloropropane	4.324	63	17507	0.501	ppbv	99
40) 1,4-Dioxane	4.612	88	10665	0.506	ppbv #	48
41) Tetrahydrofuran	3.069	42	15433	0.525	ppbv	99
42) Bromodichloromethane	4.499	83	29121	0.456	ppbv	96
43) Methyl Methacrylate	4.897	69	19050	0.483	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	78299	0.513	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	9222	0.239	ppbv	94

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 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

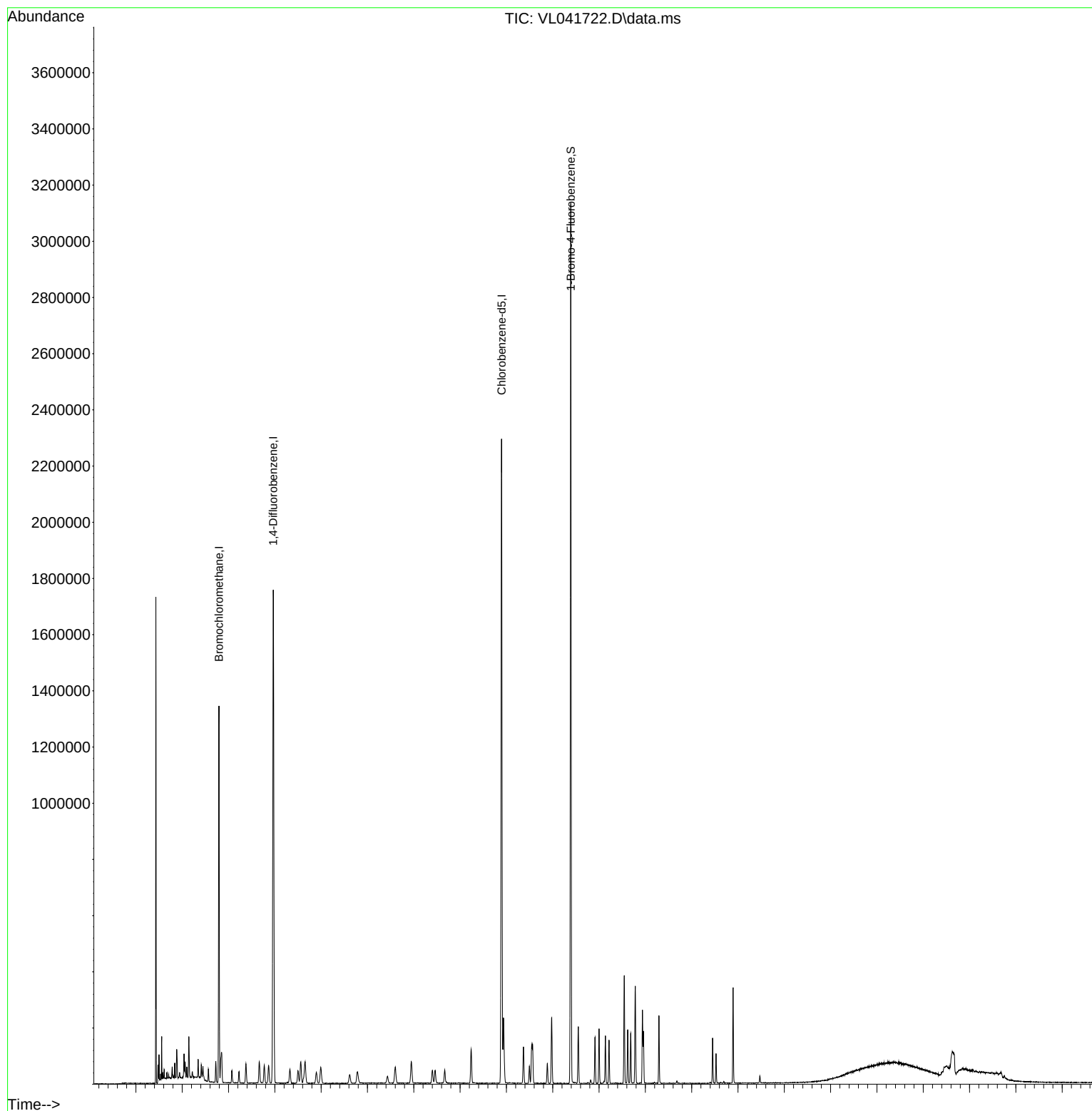
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	23194	0.454	ppbv	97
47) 1,1,2-Trichloroethane	6.596	97	23111	0.497	ppbv	96
48) Dibromochloromethane	7.406	129	26891	0.401	ppbv	100
49) Bromoform	9.496	173	23980	0.374	ppbv	100
50) 4-Methyl-2-Pentanone	5.778	43	18251	0.261	ppbv #	28
51) 2-Hexanone	7.461	43	28421	0.494	ppbv #	98
52) Tetrachloroethene	8.237	164	28674	0.494	ppbv	99
53) Toluene	6.946	91	66813	0.496	ppbv	99
54) 1,2-Dibromoethane	7.668	107	31433	0.495	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.940	131	26669	0.464	ppbv #	1
57) Chlorobenzene	8.937	112	57345	0.510	ppbv	97
58) Ethyl Benzene	9.367	91	83518	0.505	ppbv	96
59) m/p-Xylene	9.564	91	50171	0.396	ppbv #	1
60) o-Xylene	9.976	91	62926	0.501	ppbv	98
61) Styrene	9.882	104	31493	0.454	ppbv	99
62) Isopropylbenzene	10.552	105	105547	0.509	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.979	83	40492	0.498	ppbv	98
64) n-propylbenzene	11.002	120	29407	0.482	ppbv	87
65) tert-Butylbenzene	11.542	119	99795	0.508	ppbv	97
66) Benzyl Chloride	10.911	91	71202	0.505	ppbv	98
67) sec-Butylbenzene	11.778	105	129227	0.508	ppbv	97
69) p-Isopropyltoluene	11.937	119	108114	0.493	ppbv	96
70) n-Butylbenzene	12.293	91	88335	0.485	ppbv	97
71) 2-Chlorotoluene	10.911	91	71202	0.505	ppbv	97
72) 4-Ethyltoluene	11.137	105	78648	0.485	ppbv	98
73) 1,3,5-Trimethylbenzene	11.215	105	63182	0.481	ppbv	98
74) 1,2,4-Trimethylbenzene	11.549	105	68504	0.480	ppbv	97
75) 1,3-Dichlorobenzene	11.620	146	57437	0.503	ppbv	100
76) 1,4-Dichlorobenzene	11.684	146	55997	0.497	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	55271	0.512	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	45851	0.516	ppbv	98
79) Naphthalene	13.526	128	55806	0.457	ppbv	97
80) Naphthalene,2-methyl-	14.471	142	9136	0.207	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	36361	0.473	ppbv	99

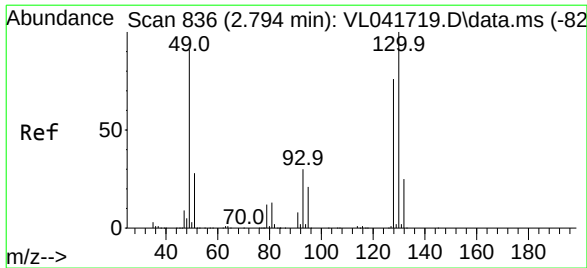
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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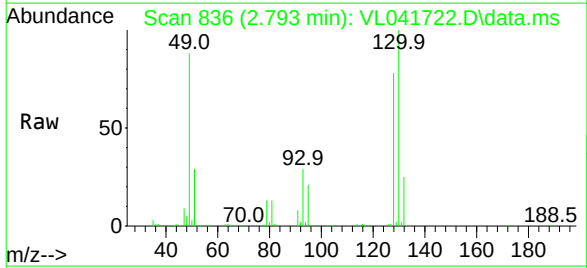
Quant Time: Dec 12 13:16:34 2024
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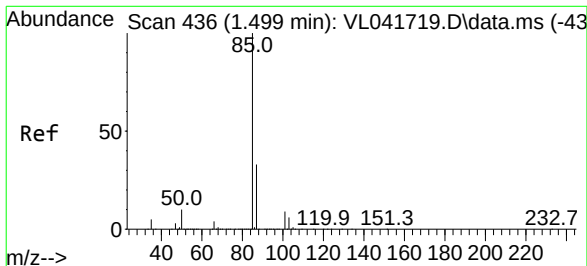
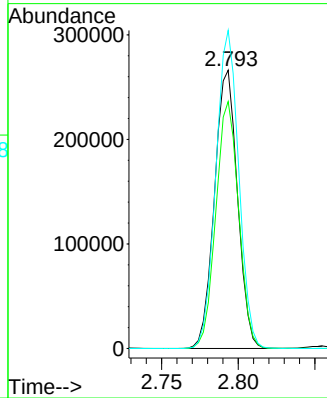
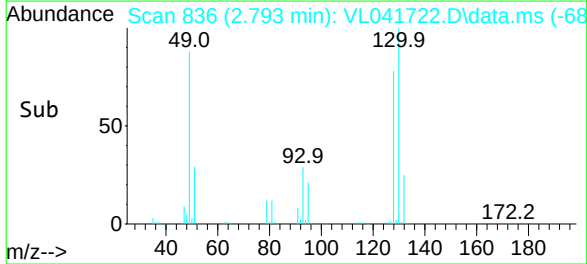


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 836
Delta R.T. -0.001 min
Lab File: VL041722.D
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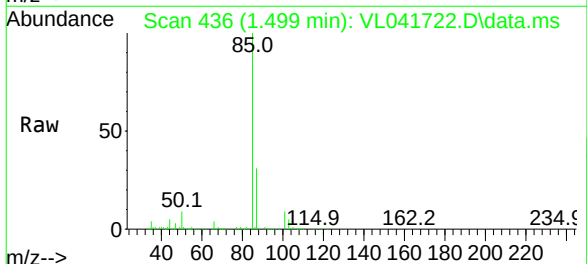
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ClientSampleId :



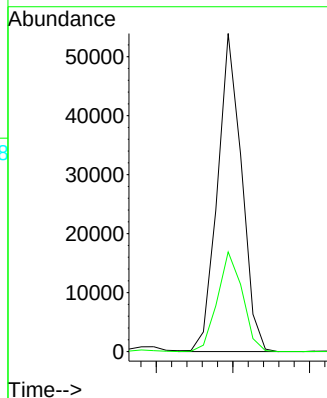
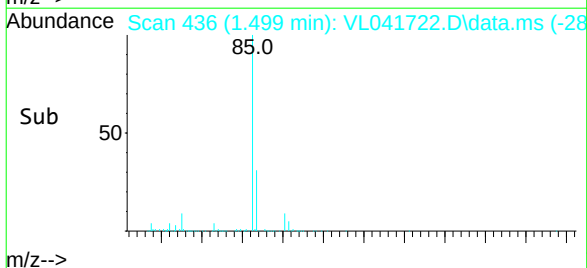
Tgt Ion: 49 Resp: 278009
Ion Ratio Lower Upper
49 100
128 87.8 42.8 128.3
130 113.3 55.8 167.4

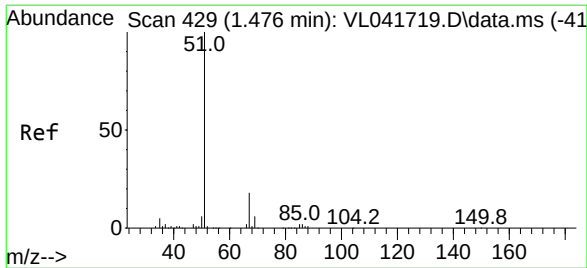


#2
Dichlorodifluoromethane
Concen: 0.484 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



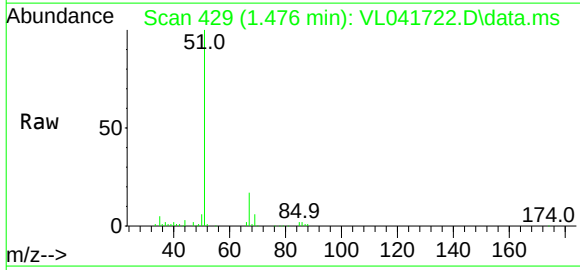
Tgt Ion: 85 Resp: 23630
Ion Ratio Lower Upper
85 100
87 31.3 26.6 39.8



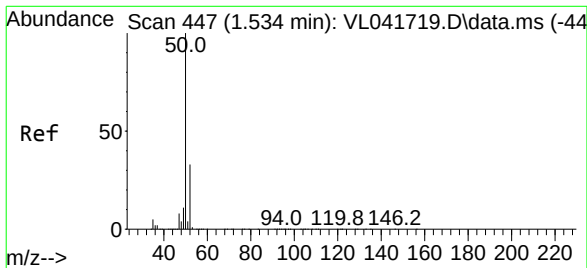
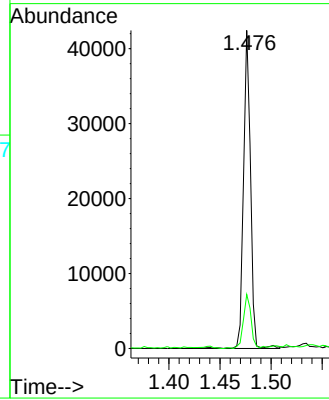
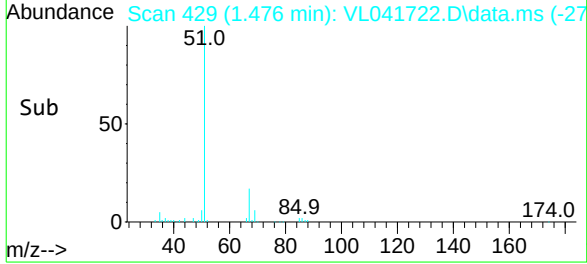


#3
Chlorodifluoromethane
Concen: 0.533 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

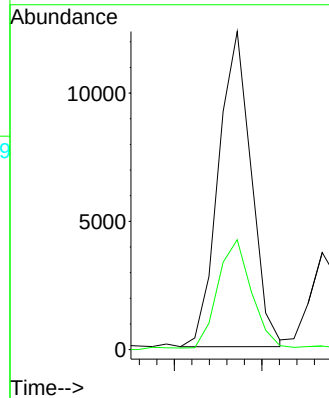
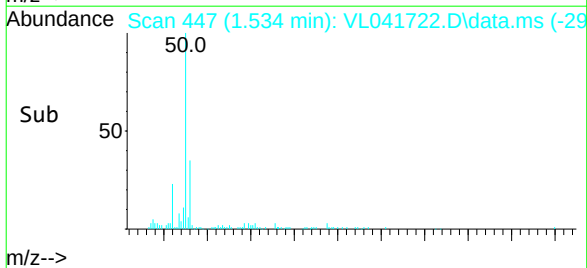
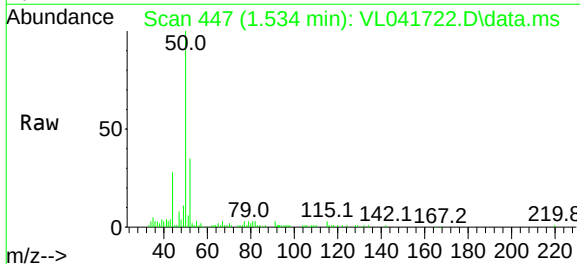


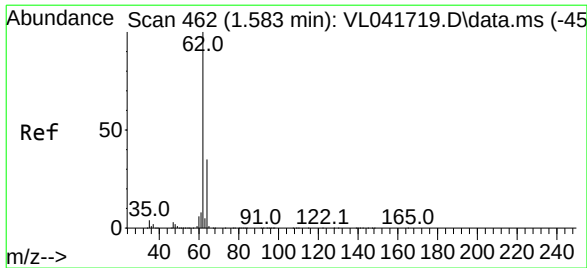
Tgt Ion: 51 Resp: 20179
Ion Ratio Lower Upper
51 100
67 19.3 14.6 21.8



#4
Chloromethane
Concen: 0.494 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

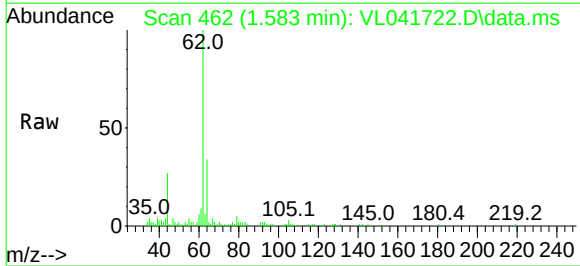
Tgt Ion: 50 Resp: 6397
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



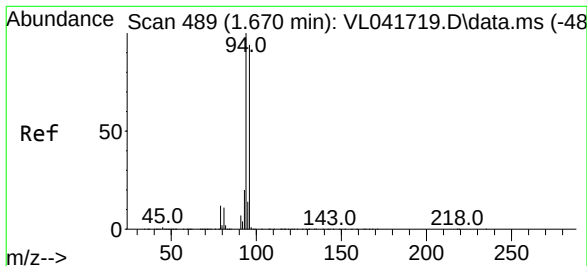
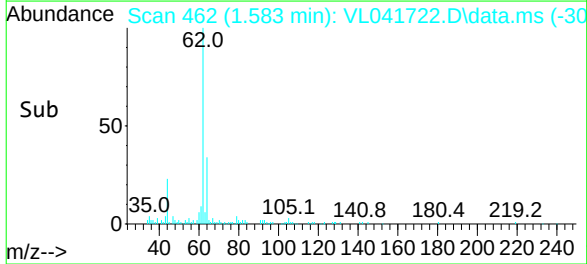
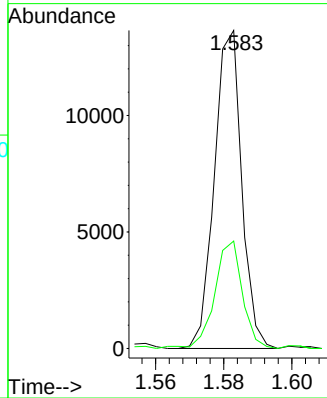


#5
 Vinyl Chloride
 Concen: 0.479 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Instrument :
 MSVOA_L
 ClientSampleId :

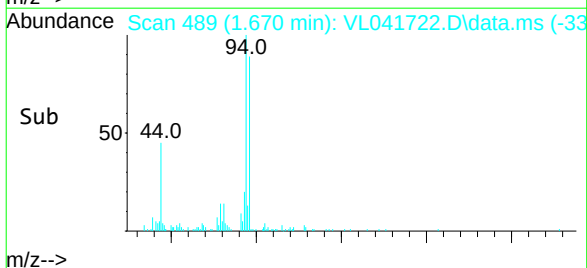
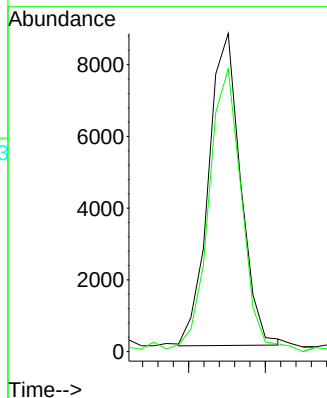
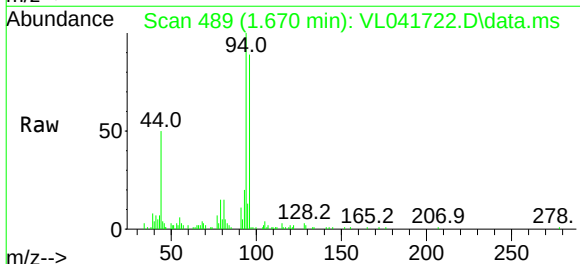


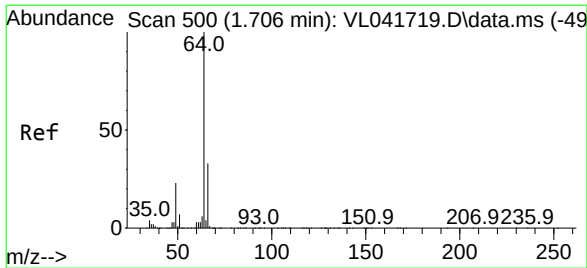
Tgt Ion: 62 Resp: 7601
 Ion Ratio Lower Upper
 62 100
 64 33.8 27.6 41.4



#6
 Bromomethane
 Concen: 0.487 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Tgt Ion: 94 Resp: 5068
 Ion Ratio Lower Upper
 94 100
 96 88.9 75.4 113.0

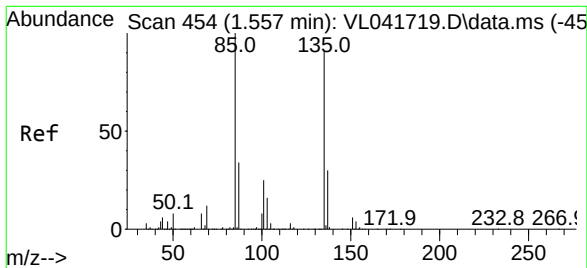
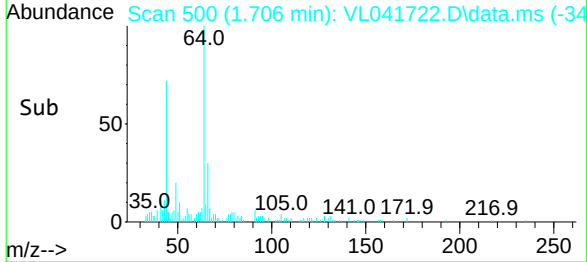
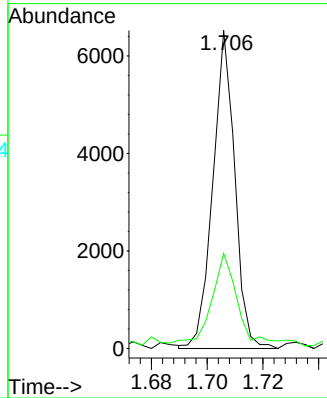
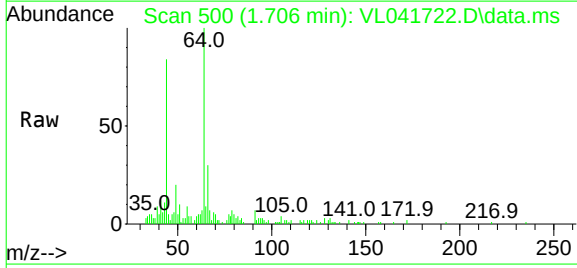




#7
Chloroethane
Concen: 0.516 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

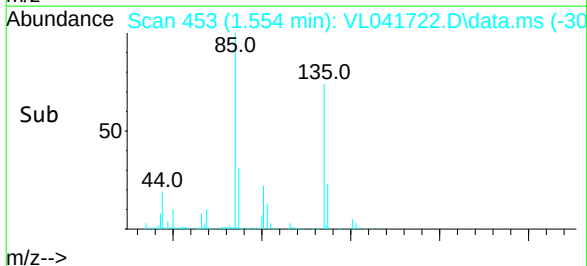
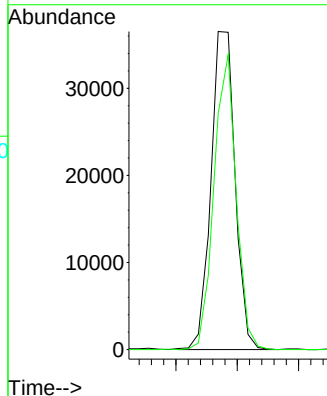
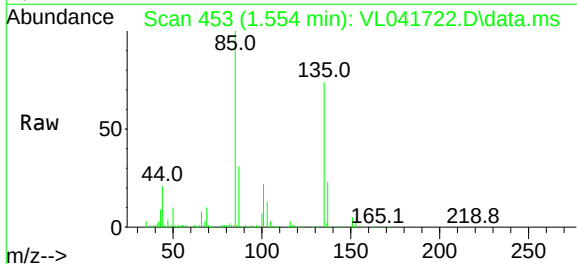
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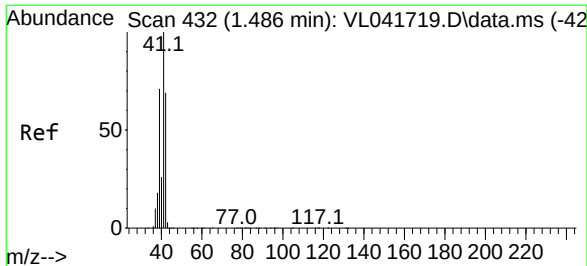
Tgt Ion: 64 Resp: 3557
Ion Ratio Lower Upper
64 100
66 29.9 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 0.502 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 85 Resp: 19977
Ion Ratio Lower Upper
85 100
135 85.2 69.0 103.6





#9

Propene

Concen: 0.169 ppbv

RT: 1.890 min Scan# 55

Delta R.T. 0.404 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

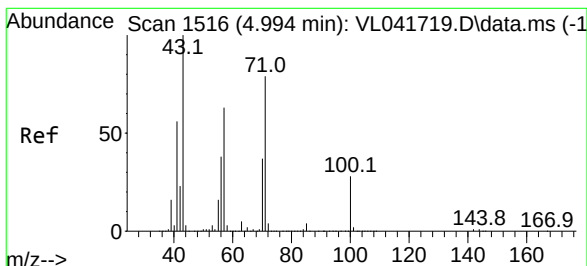
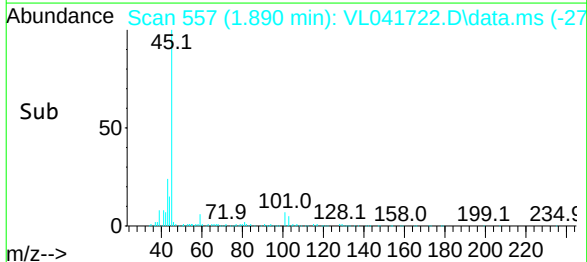
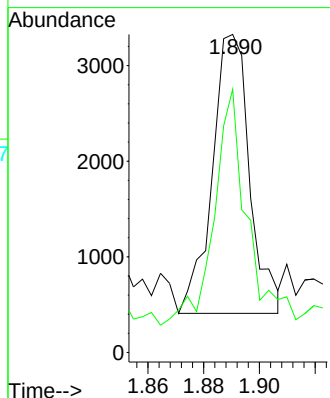
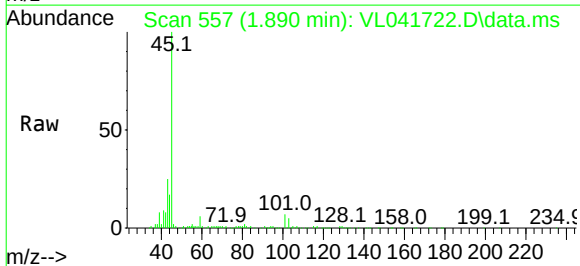
ClientSampleId :

Tgt Ion: 41 Resp: 2727

Ion Ratio Lower Upper

41 100

42 68.2 56.2 84.4



#10

Heptane

Concen: 0.514 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VL041722.D

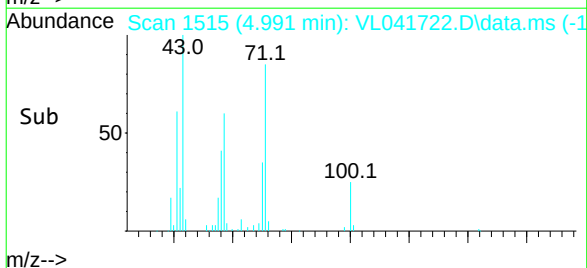
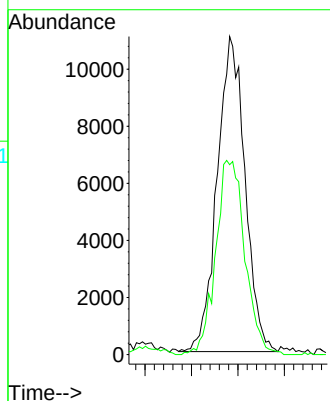
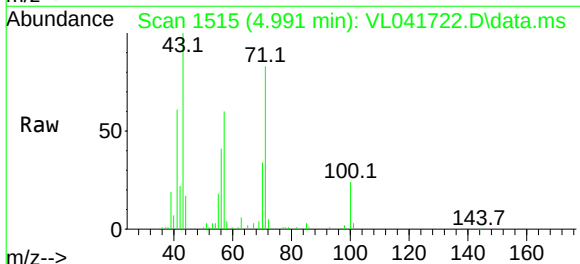
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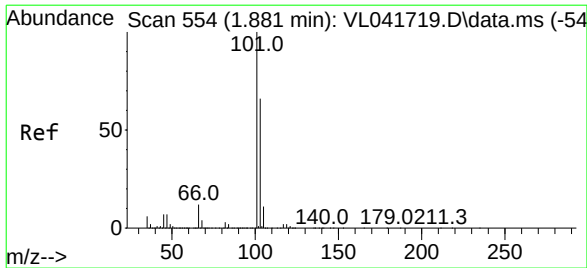
Tgt Ion: 43 Resp: 22950

Ion Ratio Lower Upper

43 100

57 64.7 50.5 75.7

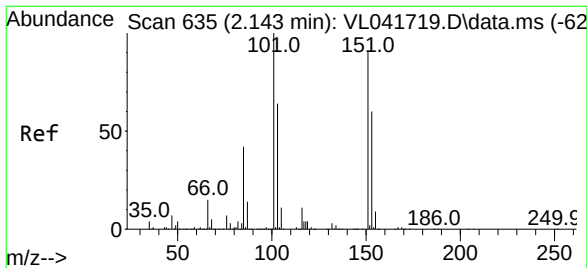
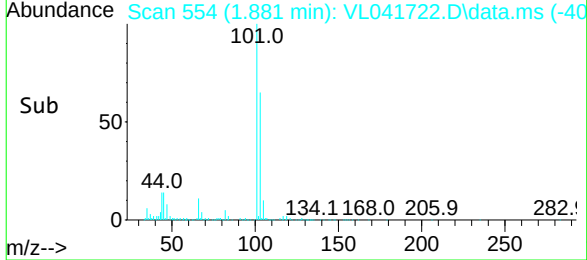
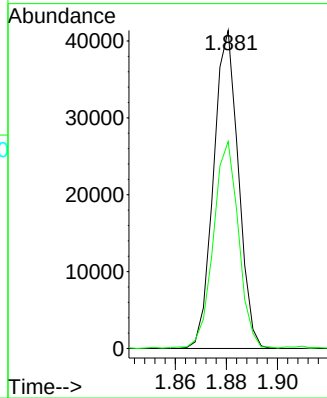
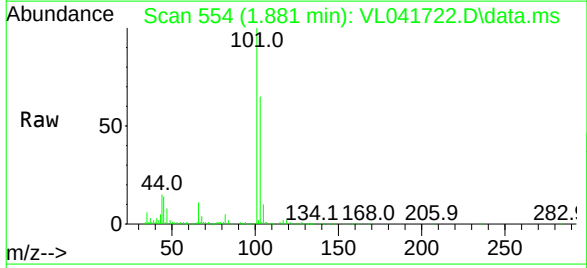




#11
 Trichlorofluoromethane
 Concen: 0.499 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

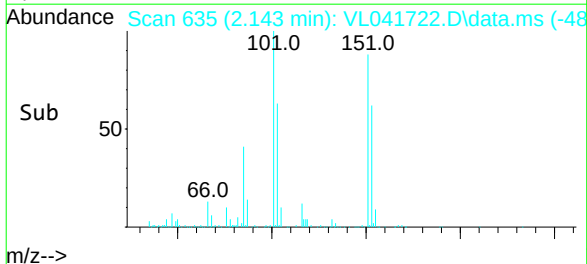
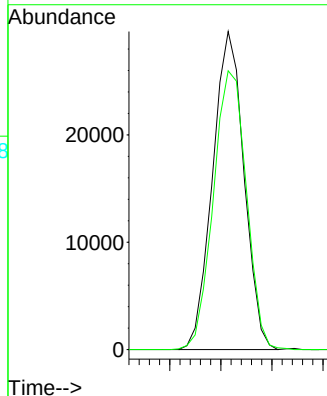
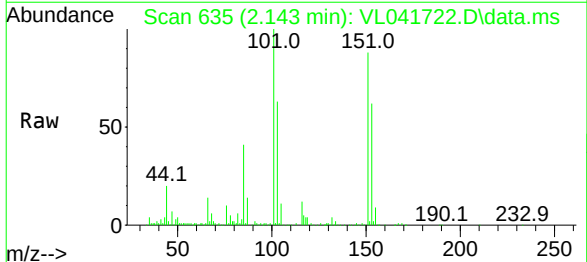
Instrument :
 MSVOA_L
 ClientSampleId :

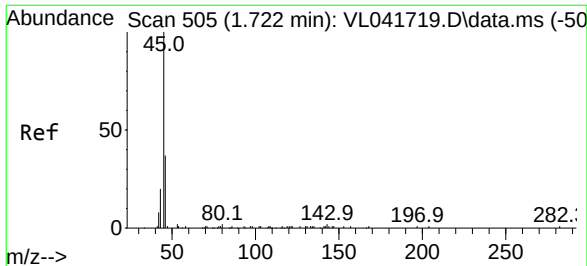
Tgt Ion:101 Resp: 28015
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.502 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

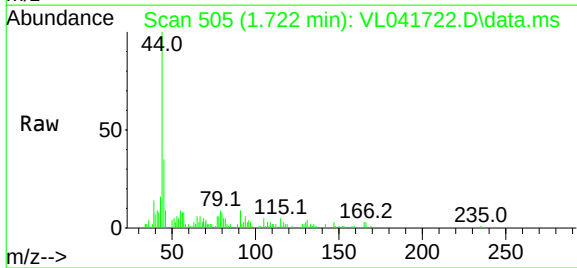
Tgt Ion:101 Resp: 25373
 Ion Ratio Lower Upper
 101 100
 151 92.0 74.4 111.6



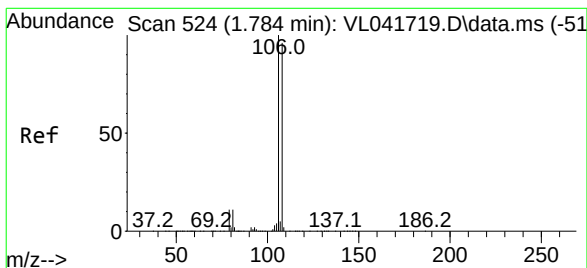
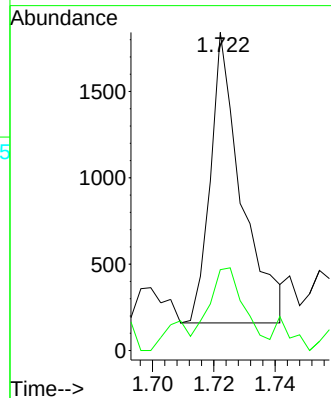
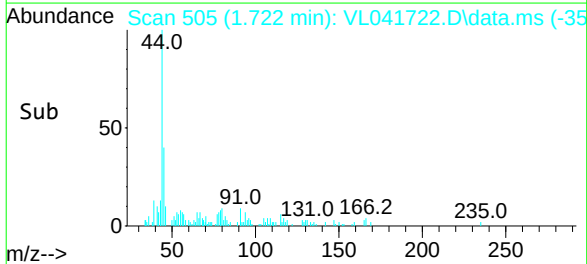


#13
Ethanol
Concen: 0.887 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

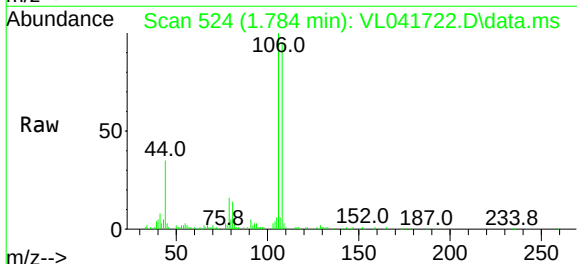
Instrument :
MSVOA_L
ClientSampleId :



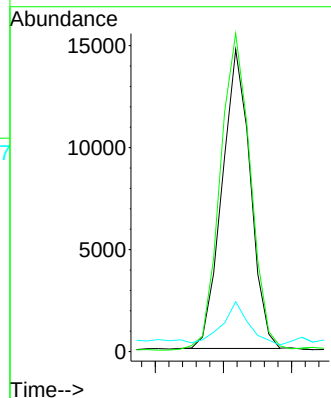
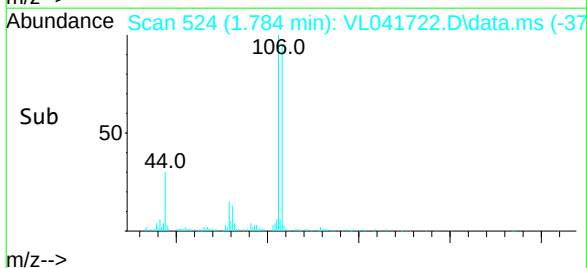
Tgt Ion: 45 Resp: 1184
Ion Ratio Lower Upper
45 100
46 51.0 16.6 66.6

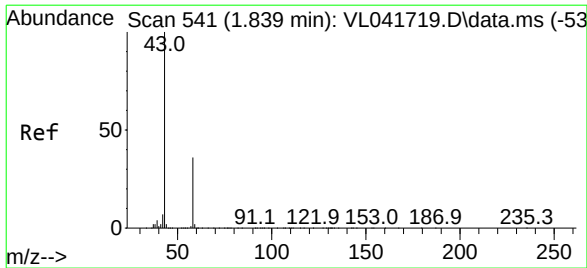


#14
Bromoethene
Concen: 0.456 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion: 108 Resp: 8449
Ion Ratio Lower Upper
108 100
106 123.3 83.5 125.3
79 31.9 9.3 13.9#

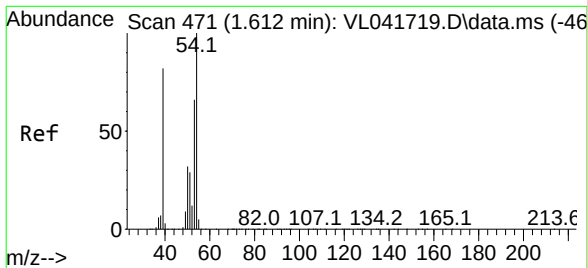
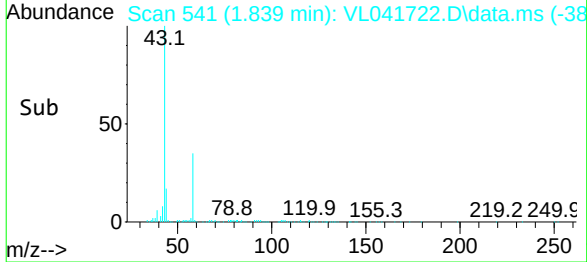
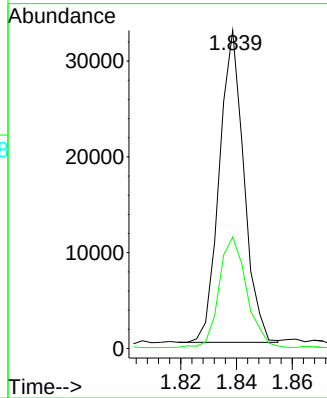
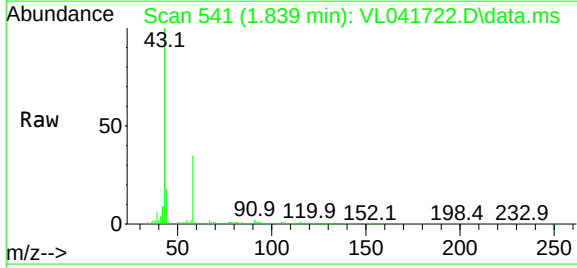




#15
Acetone
Concen: 0.621 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

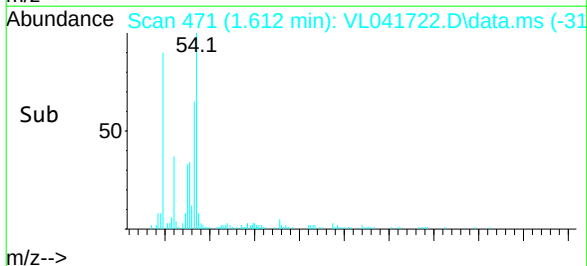
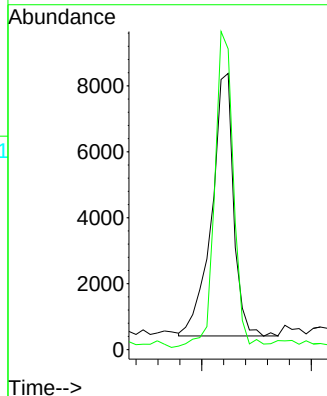
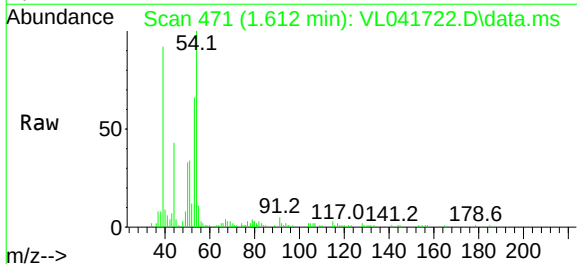
Instrument :
MSVOA_L
ClientSampleId :

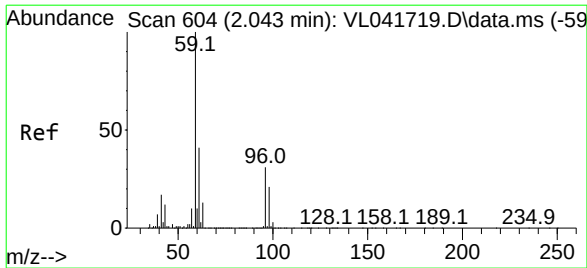
Tgt Ion: 43 Resp: 19921
Ion Ratio Lower Upper
43 100
58 42.2 28.9 43.3



#16
1,3-Butadiene
Concen: 0.516 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

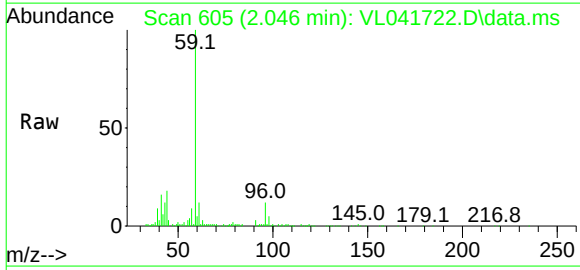
Tgt Ion: 39 Resp: 5561
Ion Ratio Lower Upper
39 100
54 107.0 85.0 127.6



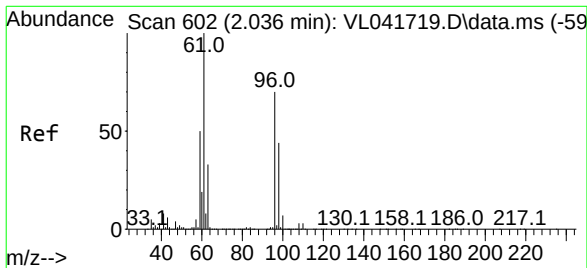
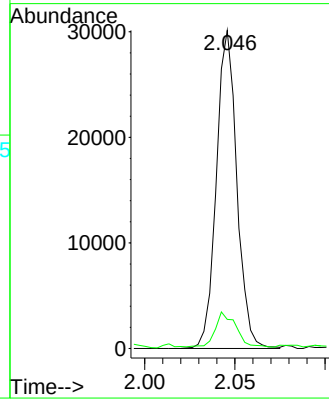
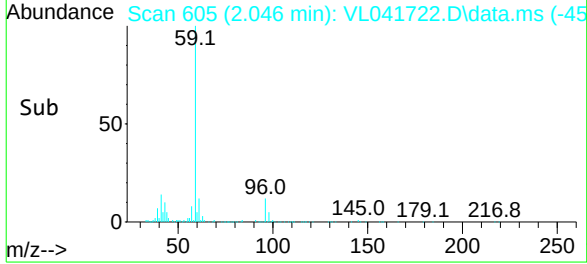


#17
tert-Butyl alcohol
Concen: 0.512 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

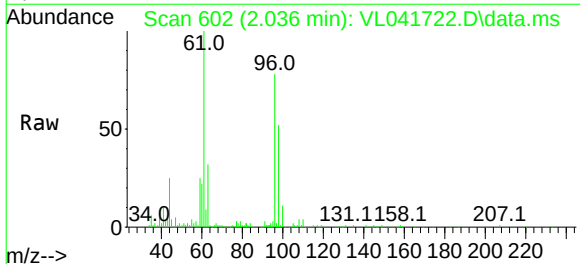
Instrument :
MSVOA_L
ClientSampleId :



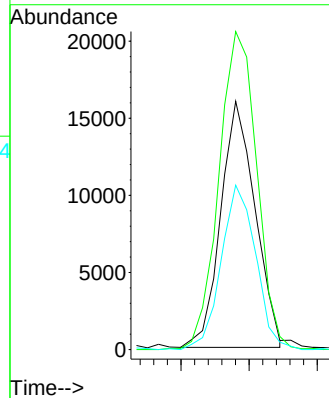
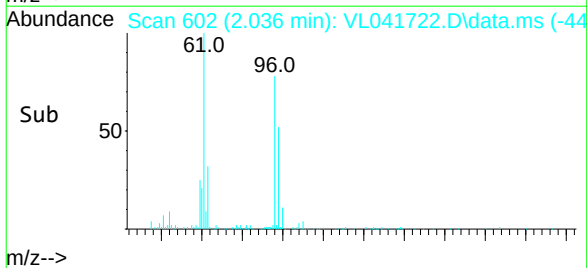
Tgt Ion: 59 Resp: 23823
Ion Ratio Lower Upper
59 100
57 13.6 8.2 12.4#

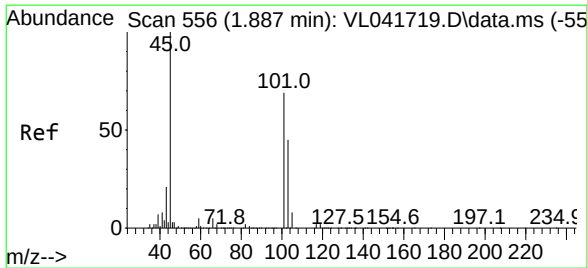


#18
1,1-Dichloroethene
Concen: 0.479 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



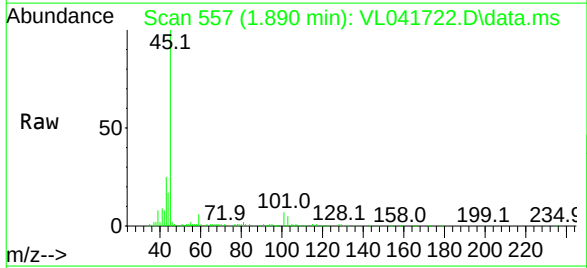
Tgt Ion: 96 Resp: 11212
Ion Ratio Lower Upper
96 100
61 128.8 114.4 171.6
98 66.8 50.6 75.8



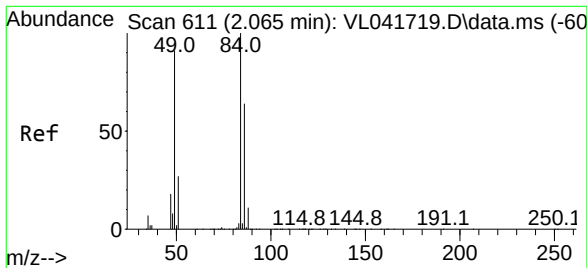
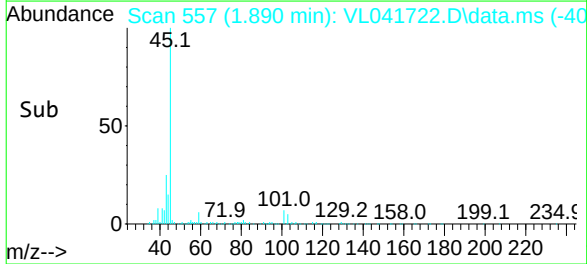
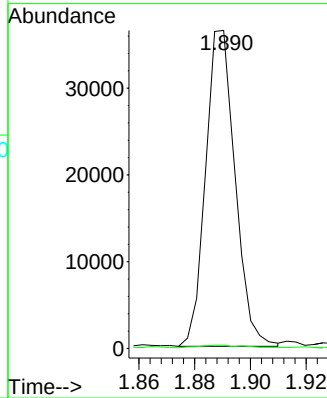


#19
Isopropyl Alcohol
Concen: 0.881 ppbv
RT: 1.890 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

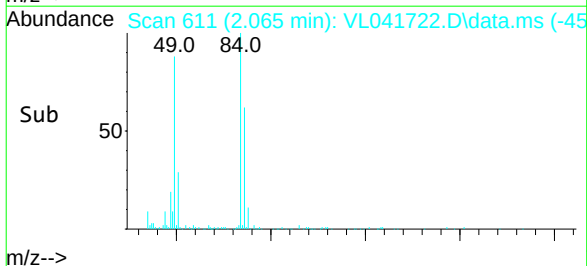
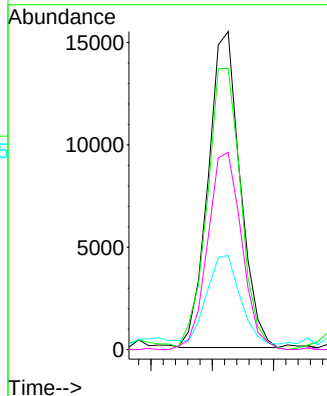
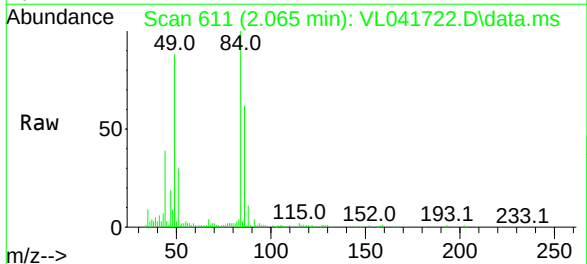


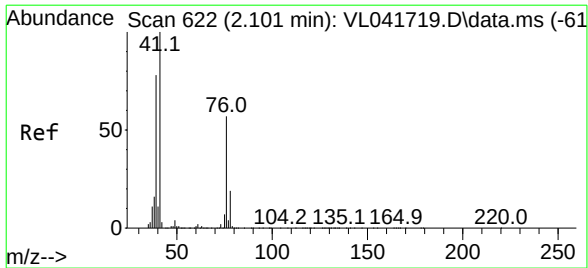
Tgt Ion: 45 Resp: 26854
Ion Ratio Lower Upper
45 100
58 1.9 40.6 61.0#



#20
Methylene Chloride
Concen: 0.577 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 84 Resp: 11215
Ion Ratio Lower Upper
84 100
49 88.3 73.6 110.4
51 28.1 22.7 34.1
86 62.0 51.4 77.0





#21

Allyl Chloride

Concen: 0.474 ppbv

RT: 2.098 min Scan# 62

Delta R.T. -0.003 min

Lab File: VL041722.D

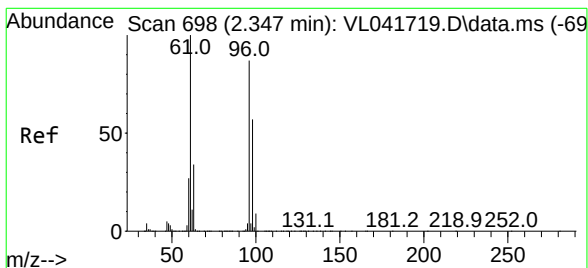
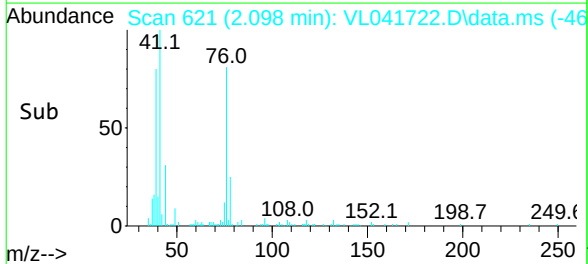
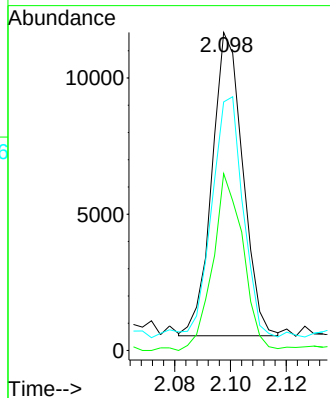
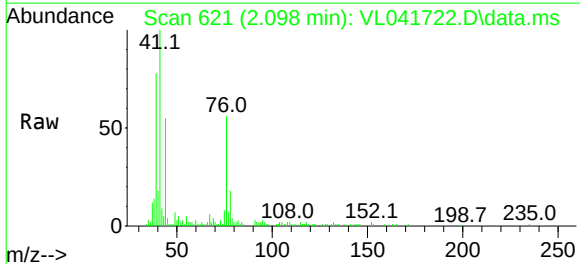
Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 8560
Ion Ratio	Lower Upper
41	100
76	54.3 44.2 66.2
39	79.1 62.8 94.2



#22

trans-1,2-Dichloroethene

Concen: 0.499 ppbv

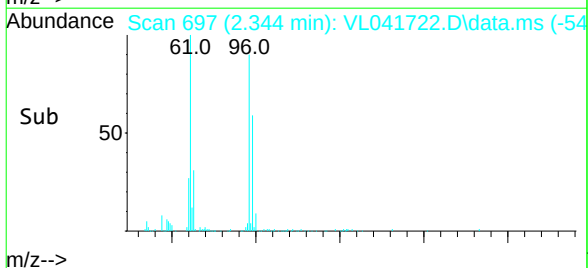
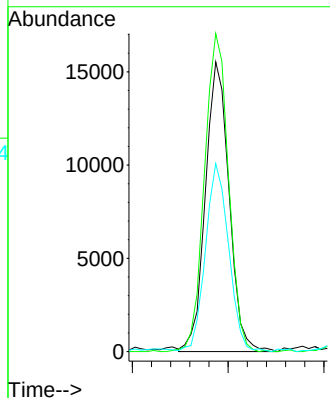
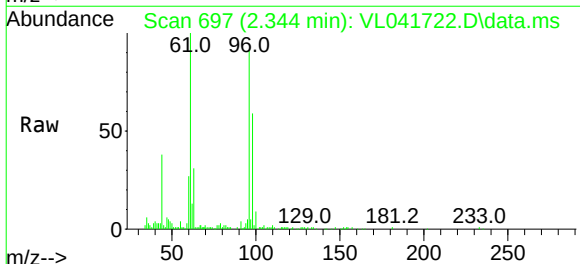
RT: 2.344 min Scan# 697

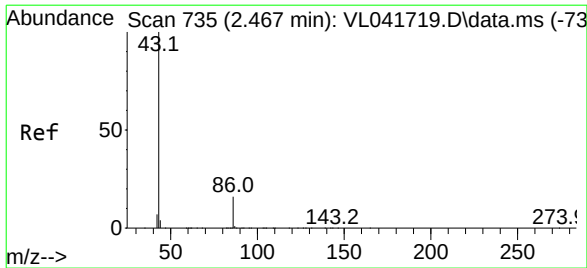
Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

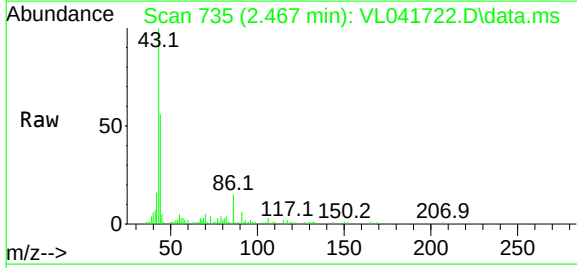
Tgt Ion: 96	Resp: 13353
Ion Ratio	Lower Upper
96	100
61	109.8 91.8 137.6
98	64.6 52.7 79.1



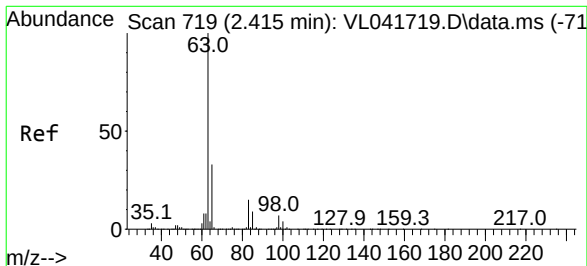
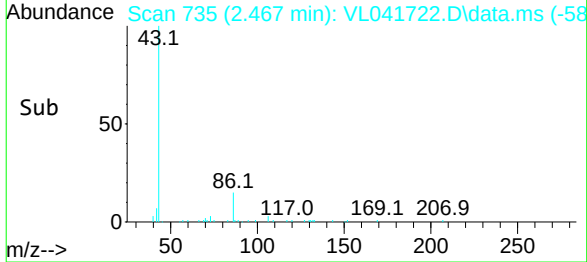
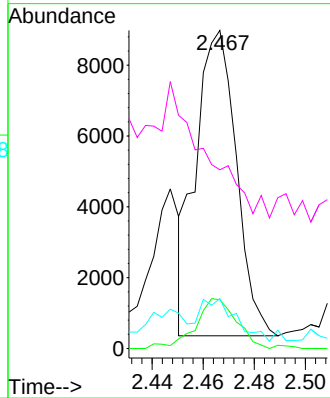


#23
 Vinyl Acetate
 Concen: 0.489 ppbv
 RT: 2.467 min Scan# 735
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Instrument :
 MSVOA_L
 ClientSampleId :

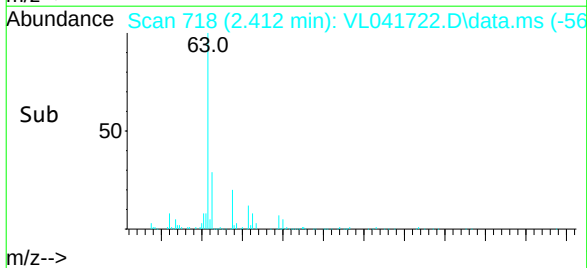
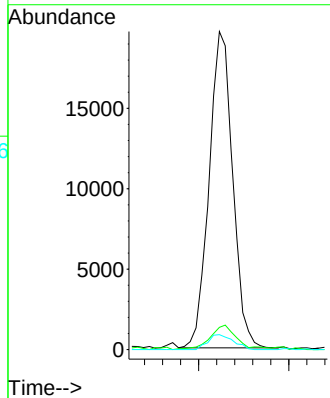
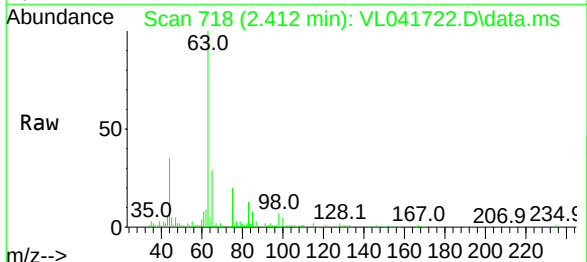


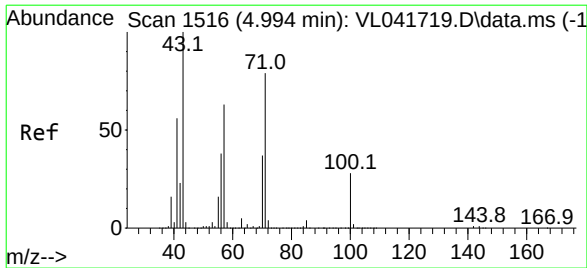
Tgt Ion: 43	Resp: 9495
Ion Ratio	Lower Upper
43 100	
86 14.9	11.5 17.3
42 10.3	6.6 10.0#
44 9.1	4.1 6.1#



#24
 1,1-Dichloroethane
 Concen: 0.494 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

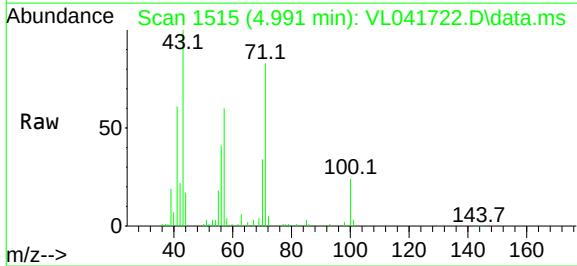
Tgt Ion: 63	Resp: 17862
Ion Ratio	Lower Upper
63 100	
98 6.8	3.6 10.8
100 4.7	2.3 6.8



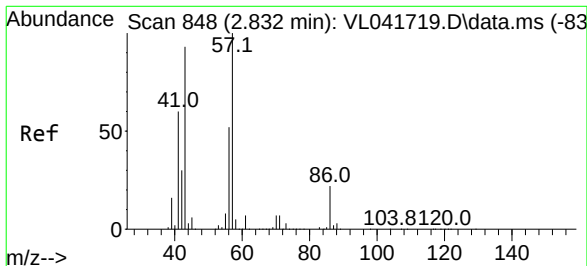
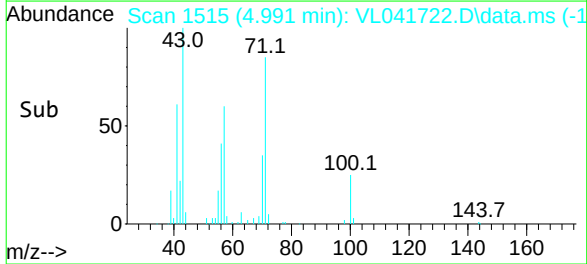
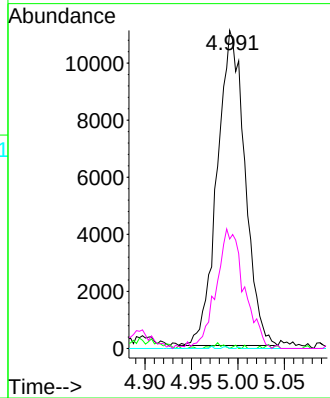


#25
Ethyl Acetate
Concen: 0.514 ppbv
RT: 4.991 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

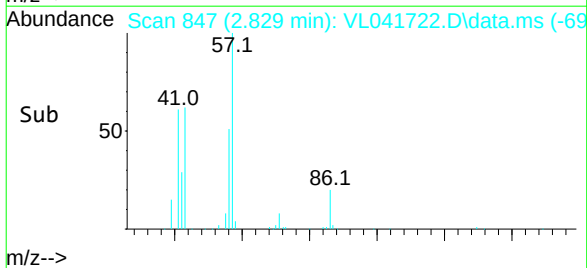
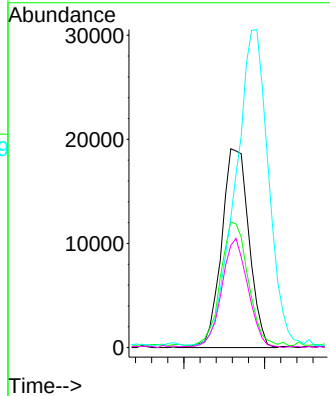
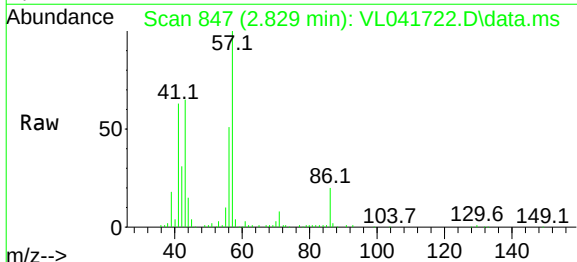


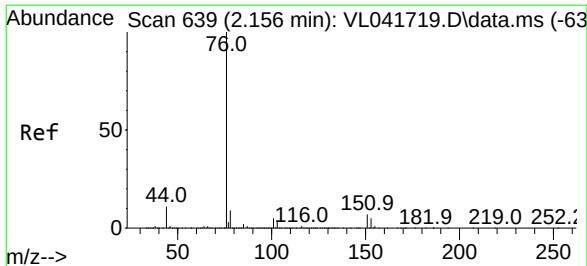
Tgt Ion	Ratio	Lower	Upper
43	100		
45	1.0	0.0	0.0#
61	0.2	0.4	0.6#
70	38.8	29.4	44.2



#26
Hexane
Concen: 0.519 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion	Ratio	Lower	Upper
57	100		
41	65.2	49.5	74.3
43	195.2	150.6	225.8
56	54.2	41.6	62.4





#27

Carbon Disulfide

Concen: 0.429 ppbv

RT: 2.153 min Scan# 639

Delta R.T. -0.003 min

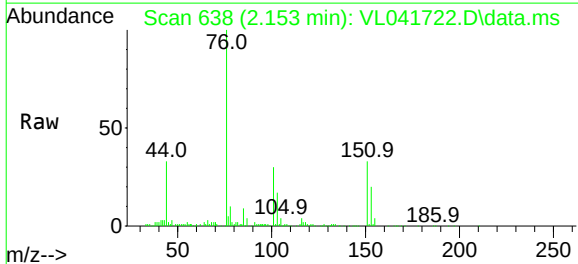
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

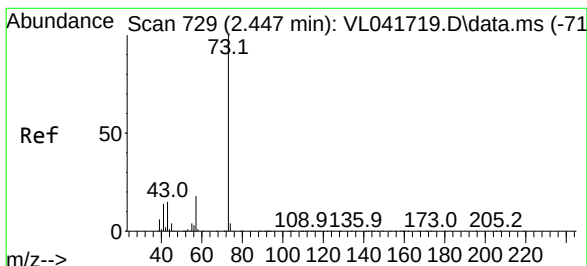
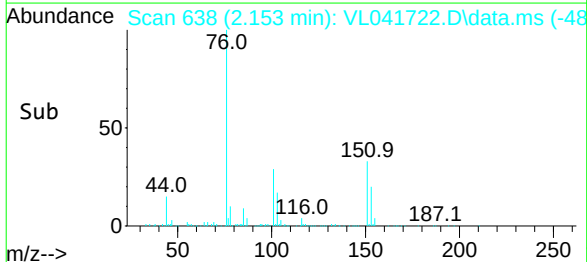
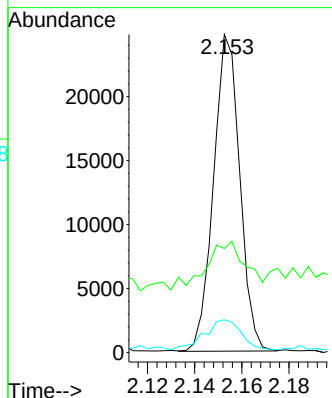
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
76	100		
44	22.8	9.4	14.0#
78	14.9	9.4	14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.535 ppbv

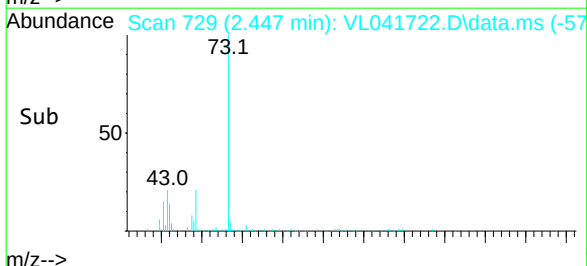
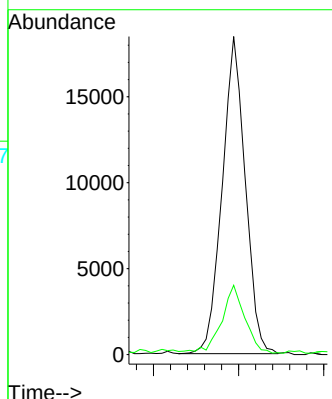
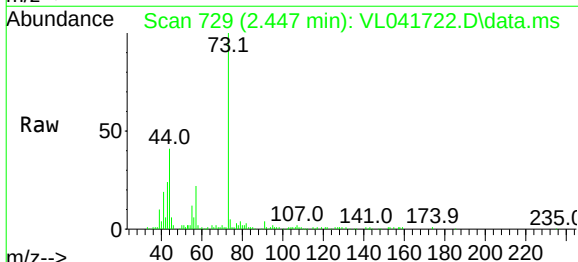
RT: 2.447 min Scan# 729

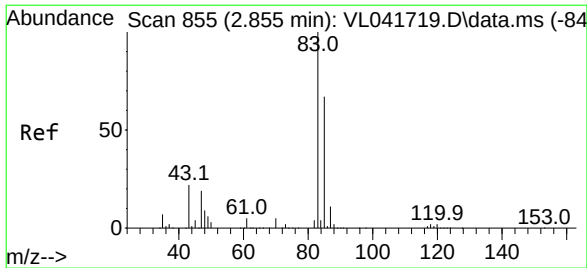
Delta R.T. -0.000 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.5	15.3	22.9#

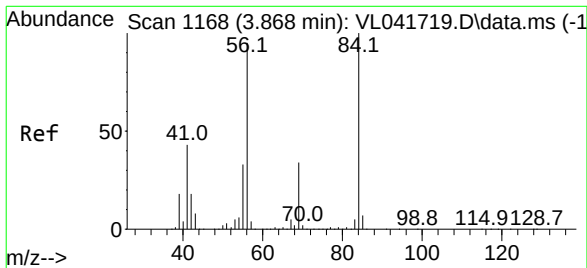
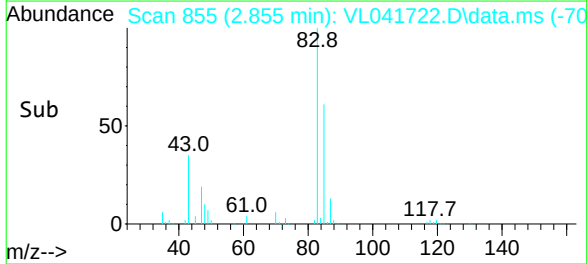
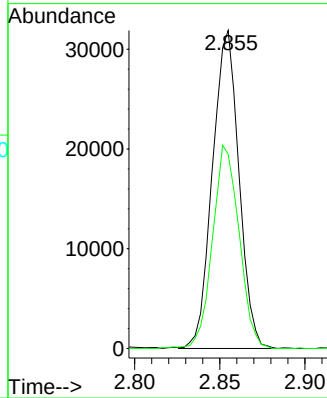
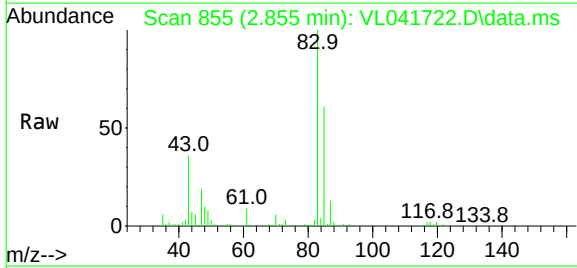




#29
Chloroform
Concen: 0.521 ppbv
RT: 2.855 min Scan# 855
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

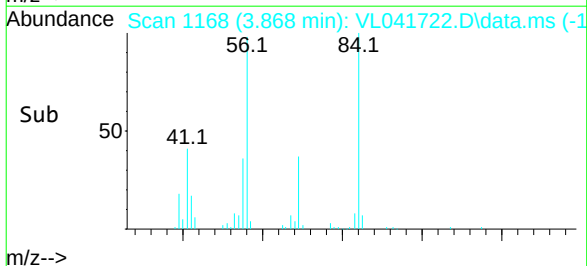
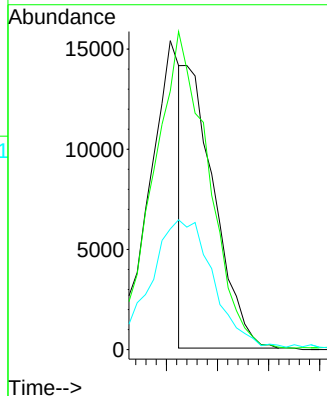
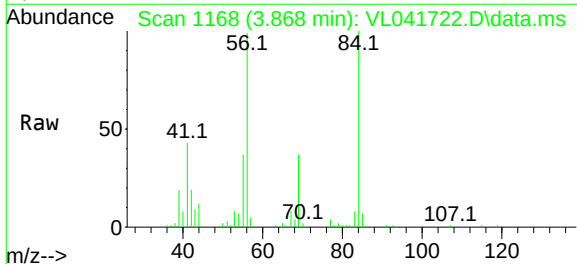
Instrument :
MSVOA_L
ClientSampleId :

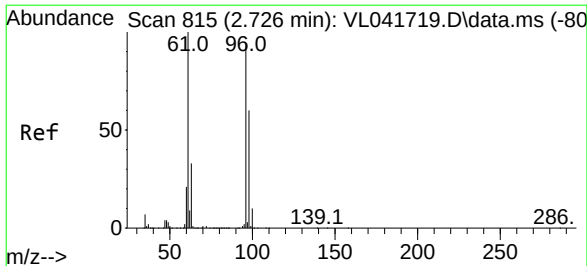
Tgt Ion: 83 Resp: 34490
Ion Ratio Lower Upper
83 100
85 61.0 53.6 80.4



#30
Cyclohexane
Concen: 0.244 ppbv
RT: 3.868 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 84 Resp: 11845
Ion Ratio Lower Upper
84 100
56 199.5 76.0 114.0#
41 92.2 34.2 51.4#





#31

cis-1,2-Dichloroethene

Concen: 0.512 ppbv

RT: 2.725 min Scan# 81

Delta R.T. -0.000 min

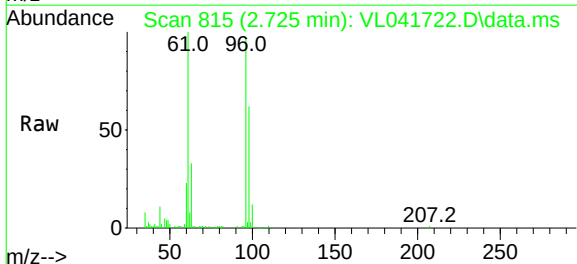
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



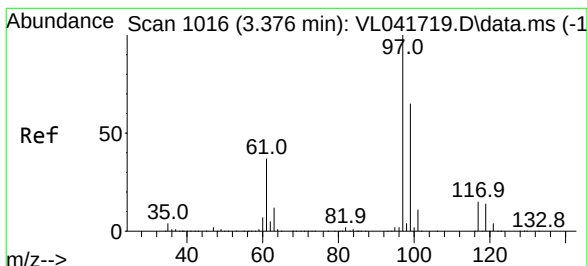
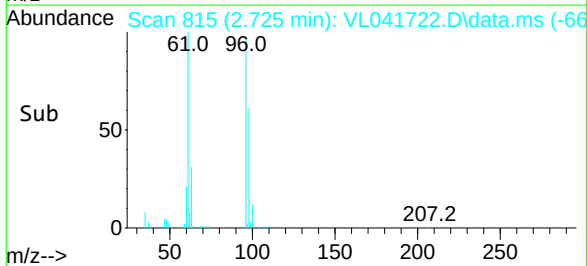
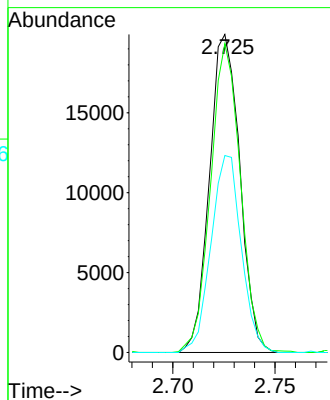
Tgt Ion: 61 Resp: 20548

Ion Ratio Lower Upper

61 100

96 96.8 75.4 113.2

98 61.9 48.3 72.5



#32

1,1,1-Trichloroethane

Concen: 0.487 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

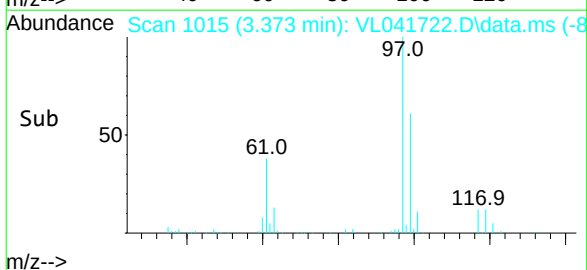
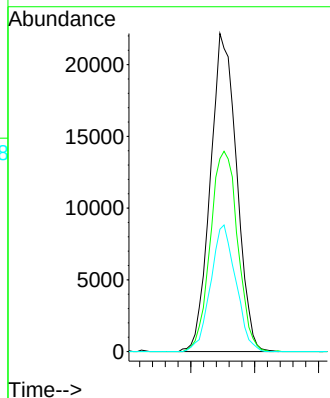
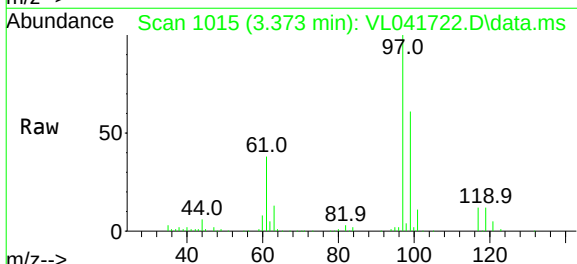
Tgt Ion: 97 Resp: 31733

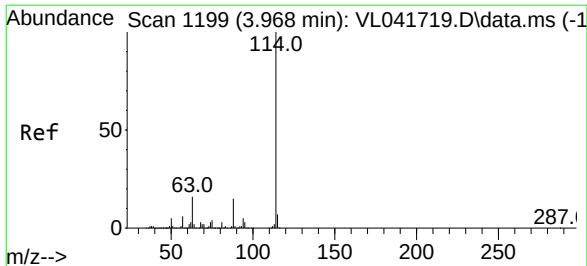
Ion Ratio Lower Upper

97 100

99 65.4 52.2 78.2

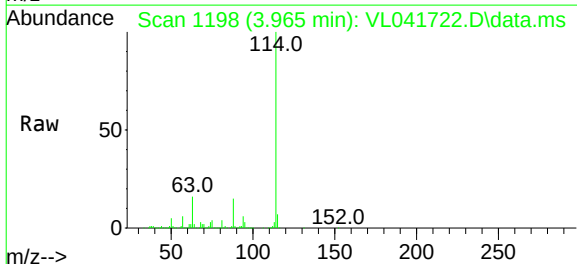
61 38.1 29.8 44.8



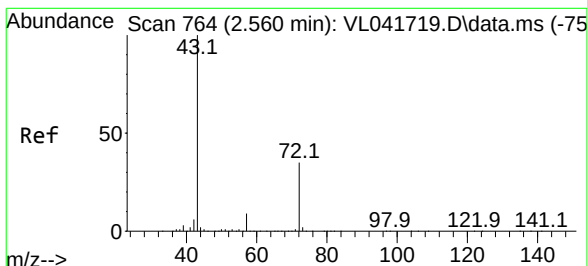
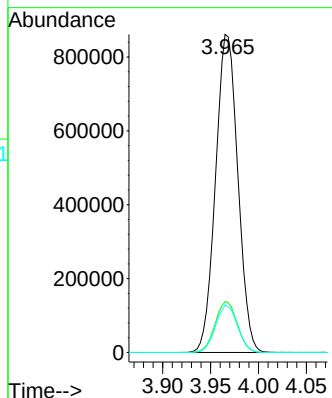
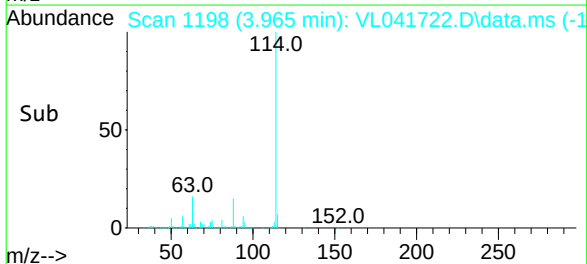


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1199
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

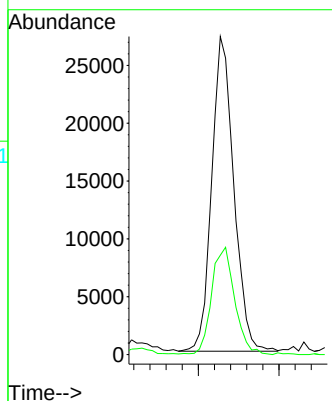
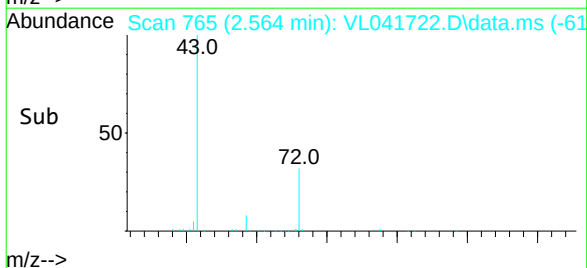
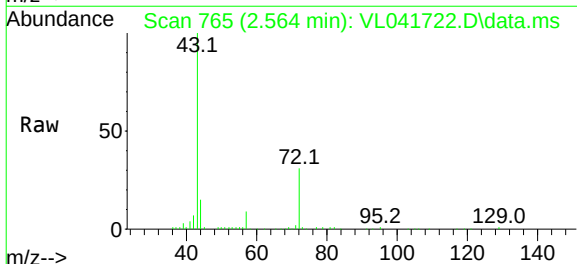


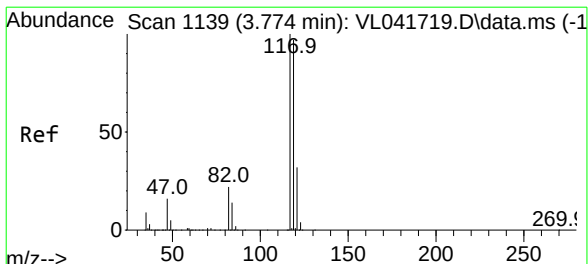
Tgt Ion: 114 Resp: 1393681
Ion Ratio Lower Upper
114 100
63 15.9 12.9 19.3
88 14.6 11.8 17.6



#34
2-Butanone
Concen: 0.530 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

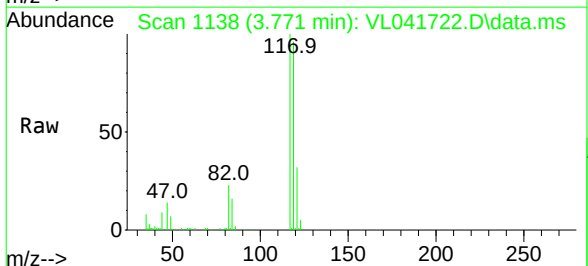
Tgt Ion: 43 Resp: 25869
Ion Ratio Lower Upper
43 100
72 36.1 28.3 42.5



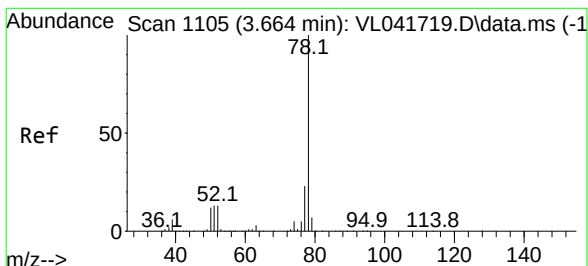
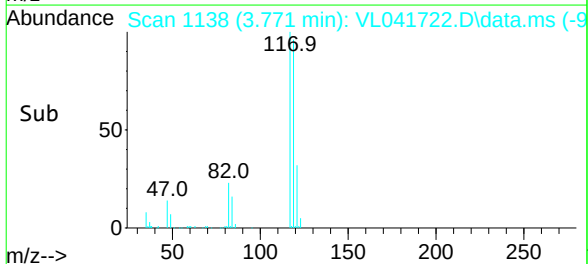
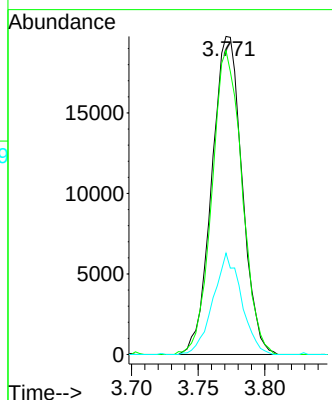


#35
Carbon Tetrachloride
Concen: 0.482 ppbv
RT: 3.771 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

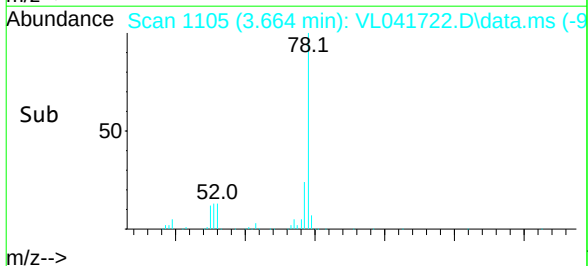
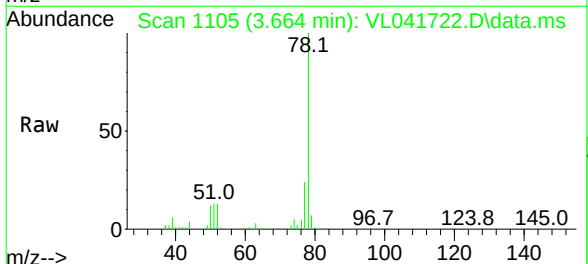
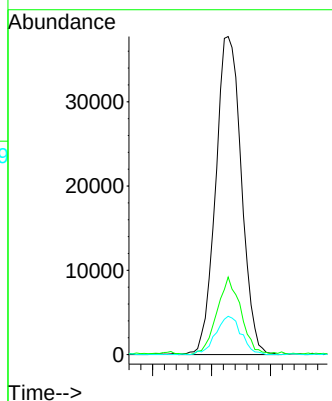


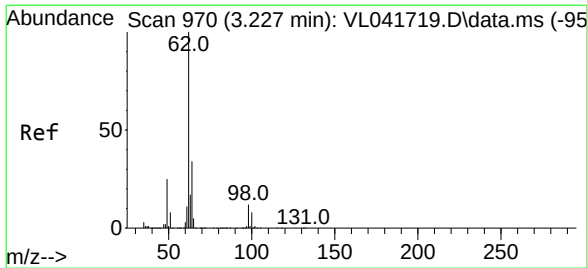
Tgt Ion:	117	Resp:	31260
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.7	116.5
121	31.8	25.5	38.3



#36
Benzene
Concen: 0.522 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:	78	Resp:	57149
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8
50	12.1	9.5	14.3

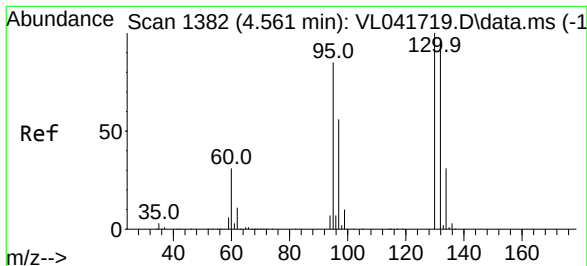
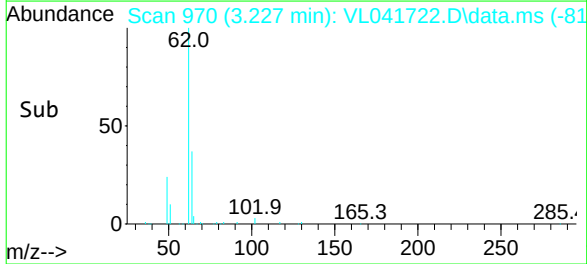
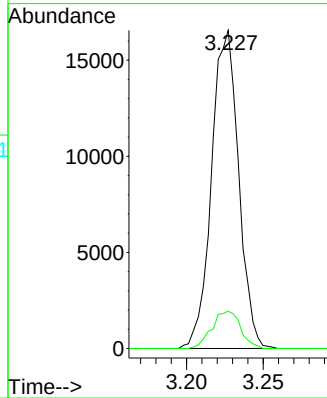
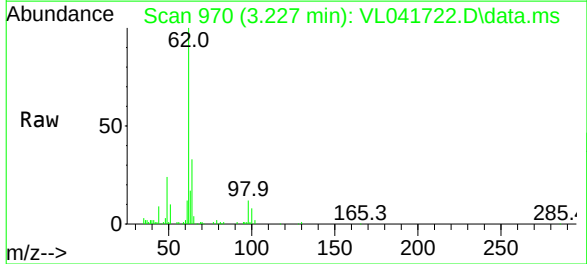




#37
1,2-Dichloroethane
Concen: 0.514 ppbv
RT: 3.227 min Scan# 970
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

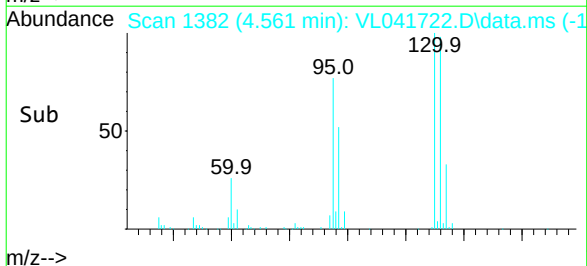
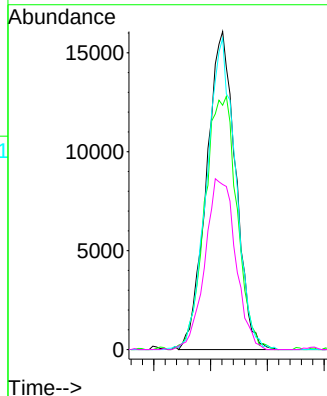
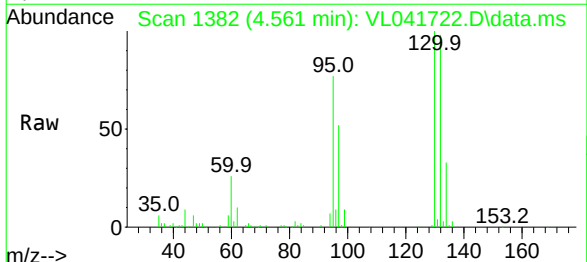
Instrument :
MSVOA_L
ClientSampleId :

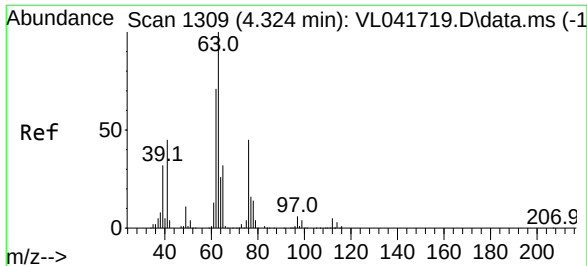
Tgt Ion: 62 Resp: 20338
Ion Ratio Lower Upper
62 100
98 12.4 9.4 14.2



#38
Trichloroethene
Concen: 0.503 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

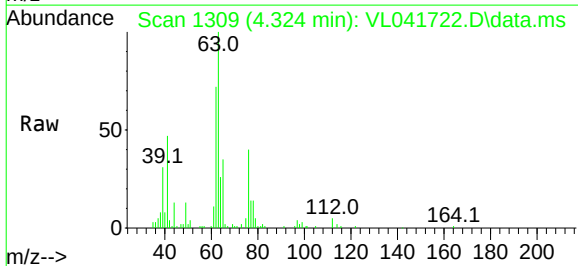
Tgt Ion:130 Resp: 28565
Ion Ratio Lower Upper
130 100
95 76.8 68.0 102.0
132 97.9 76.5 114.7
97 51.9 44.4 66.6



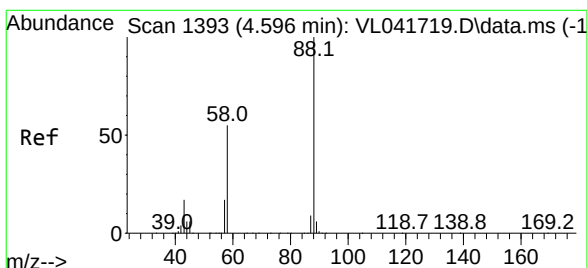
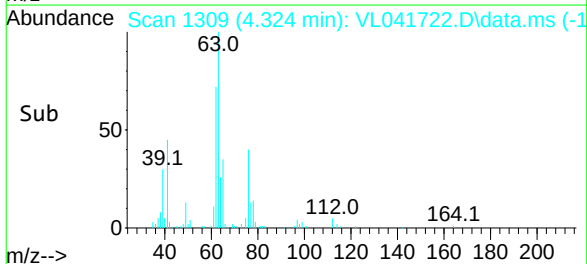
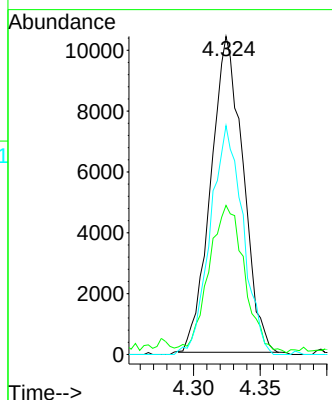


#39
1,2-Dichloropropane
Concen: 0.501 ppbv
RT: 4.324 min Scan# 1309
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

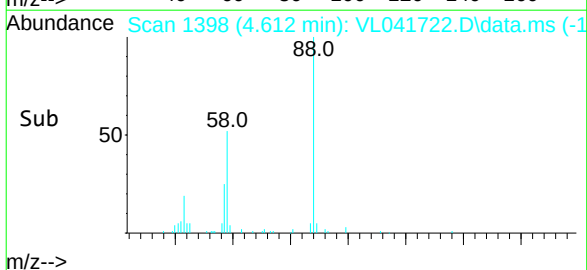
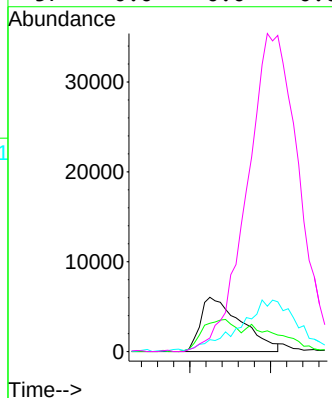
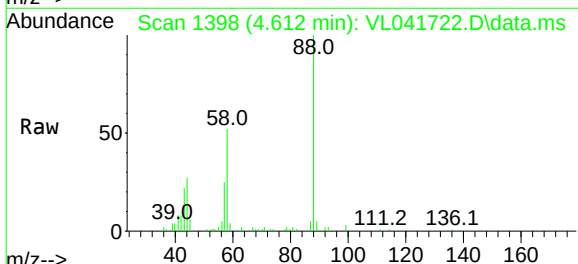


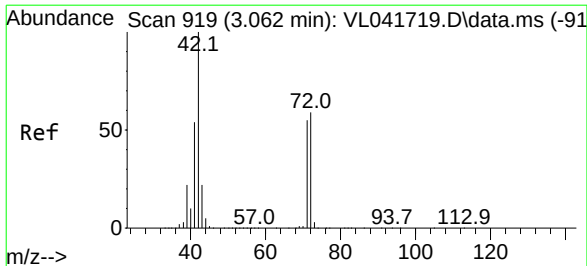
Tgt Ion: 63 Resp: 17507
Ion Ratio Lower Upper
63 100
41 45.4 36.4 54.6
62 72.4 56.6 85.0



#40
1,4-Dioxane
Concen: 0.506 ppbv
RT: 4.612 min Scan# 1398
Delta R.T. 0.016 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 88 Resp: 10665
Ion Ratio Lower Upper
88 100
58 95.5 45.7 68.5#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.525 ppbv

RT: 3.069 min Scan# 92

Delta R.T. 0.006 min

Lab File: VL041722.D

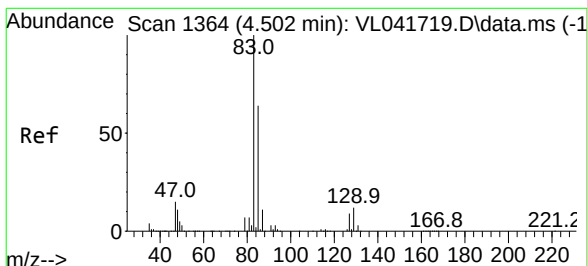
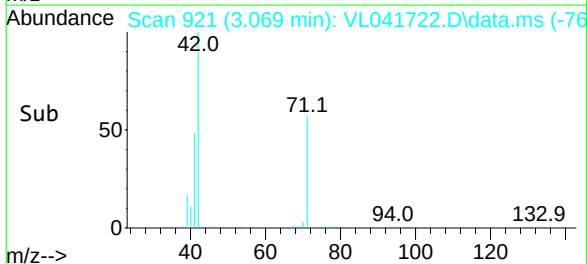
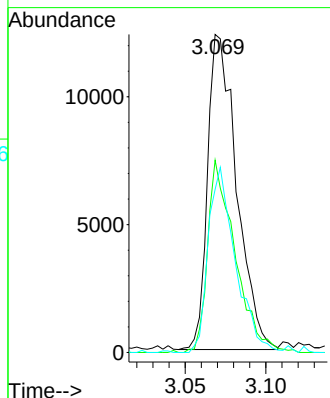
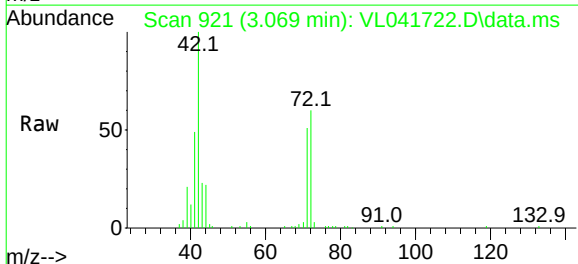
Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	15433
Ion	Ratio	Lower	Upper
42	100		
72	58.0	47.4	71.0
71	56.2	44.4	66.6



#42

Bromodichloromethane

Concen: 0.456 ppbv

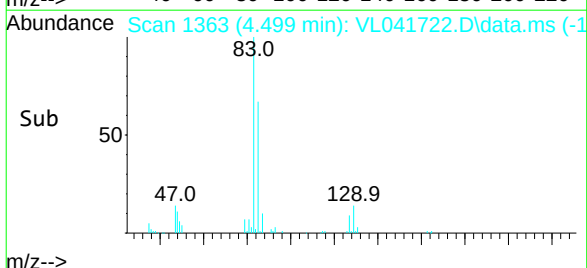
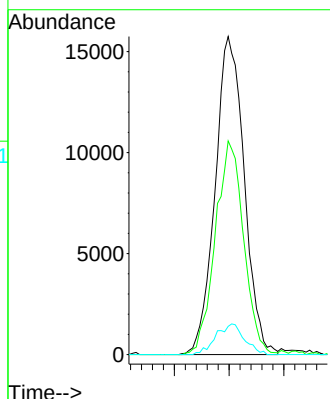
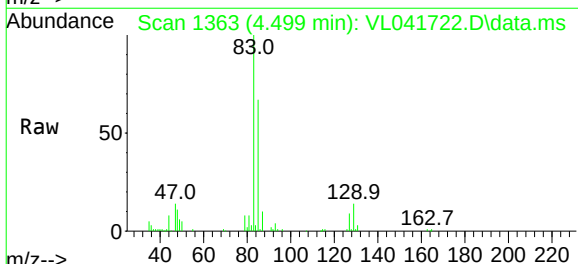
RT: 4.499 min Scan# 1363

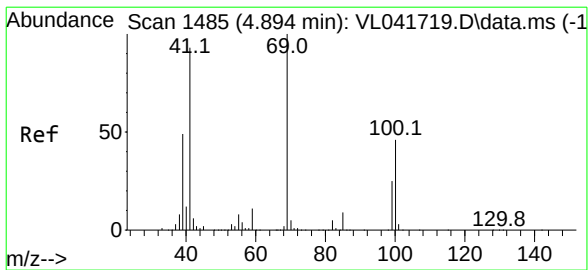
Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Tgt Ion:	83	Resp:	29121
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.0	76.6
127	8.9	7.6	11.4





#43

Methyl Methacrylate

Concen: 0.483 ppbv

RT: 4.897 min Scan# 14

Delta R.T. 0.003 min

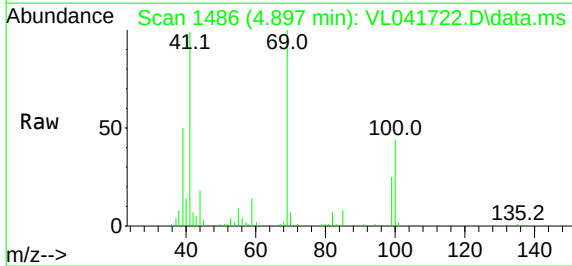
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



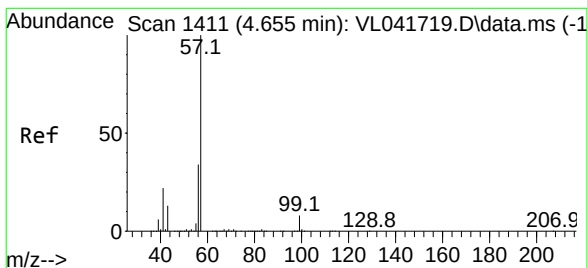
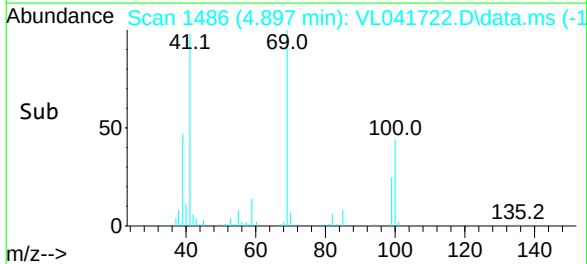
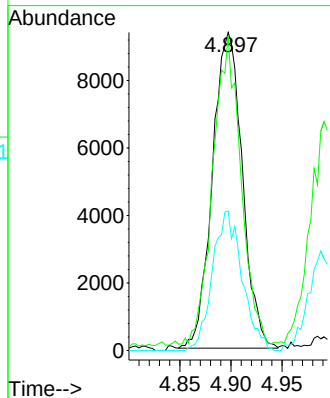
Tgt Ion: 69 Resp: 19050

Ion Ratio Lower Upper

69 100

41 93.5 74.6 112.0

100 43.6 35.5 53.3



#44

2,2,4-Trimethylpentane

Concen: 0.513 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. -0.007 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

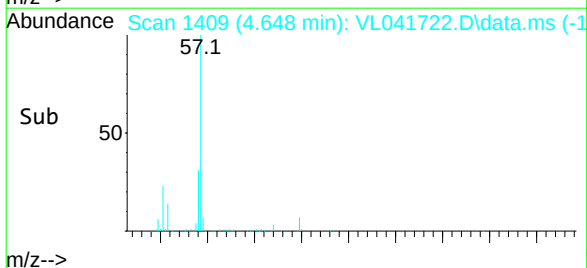
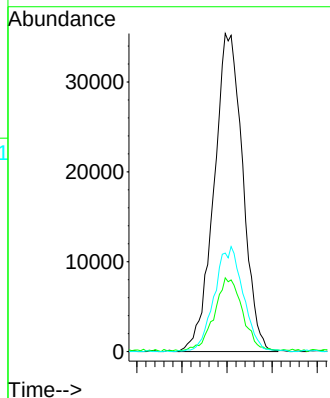
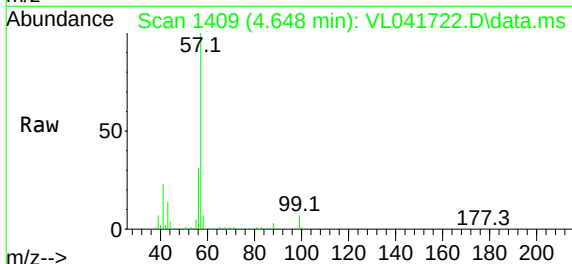
Tgt Ion: 57 Resp: 78299

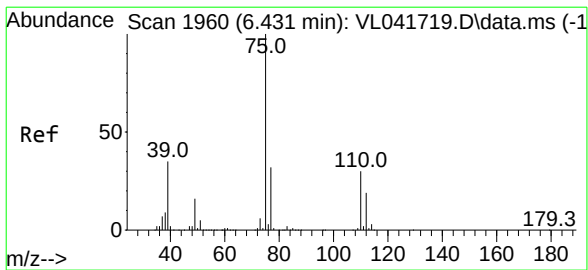
Ion Ratio Lower Upper

57 100

41 23.9 17.2 25.8

56 33.2 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 0.239 ppbv

RT: 6.425 min Scan# 19

Delta R.T. -0.007 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

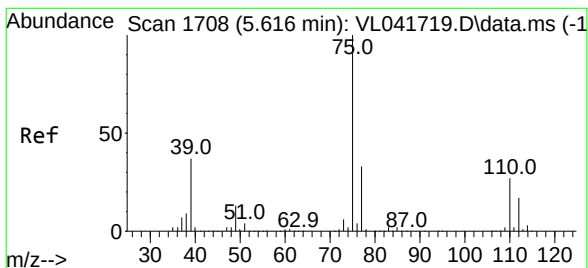
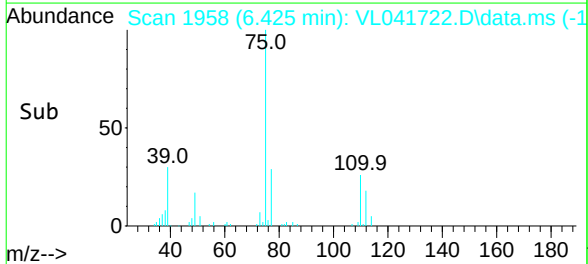
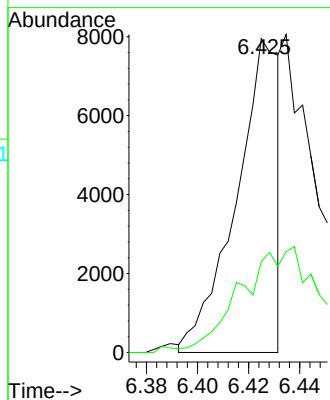
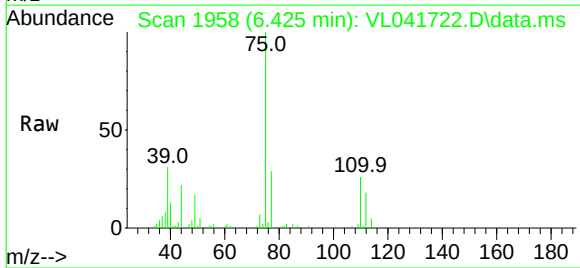
ClientSampleId :

Tgt Ion: 75 Resp: 9222

Ion Ratio Lower Upper

75 100

77 28.9 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 0.454 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

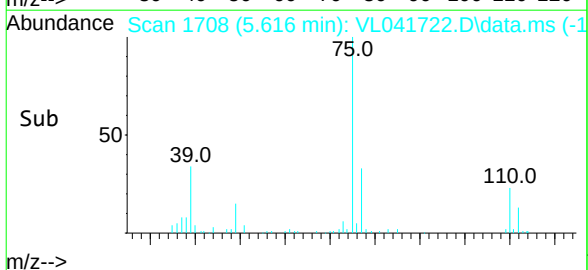
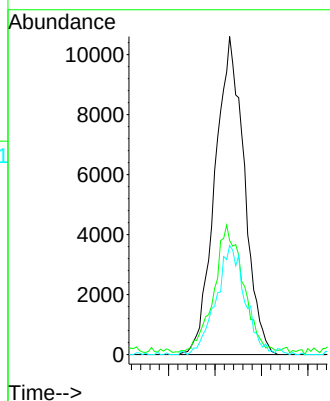
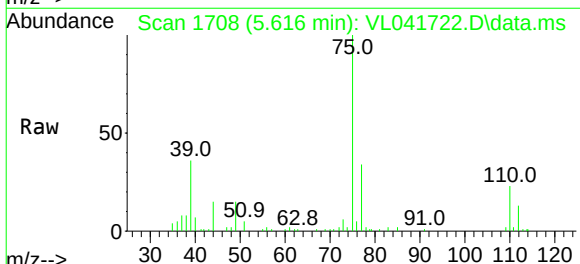
Tgt Ion: 75 Resp: 23194

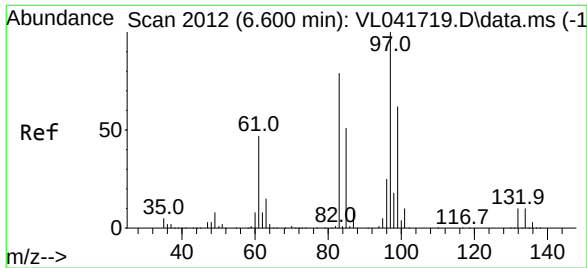
Ion Ratio Lower Upper

75 100

39 35.0 29.8 44.6

77 34.3 26.2 39.2

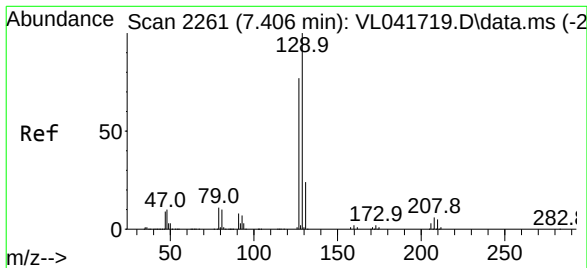
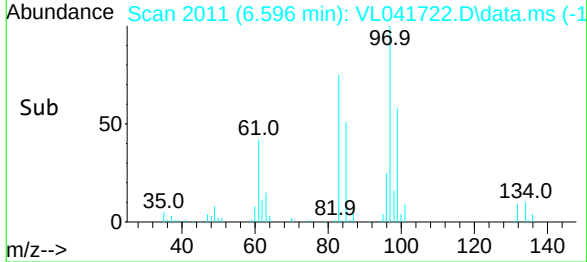
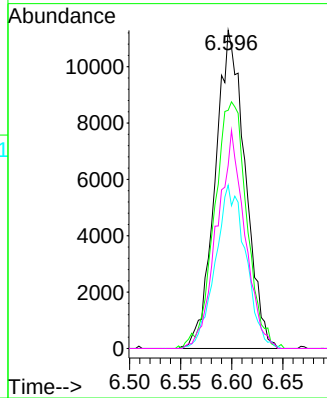
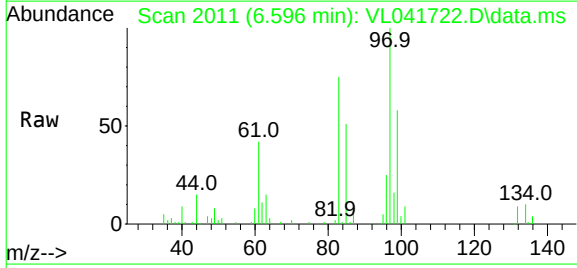




#47
1,1,2-Trichloroethane
Concen: 0.497 ppbv
RT: 6.596 min Scan# 2012
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

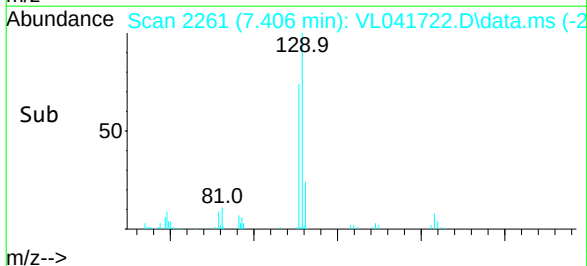
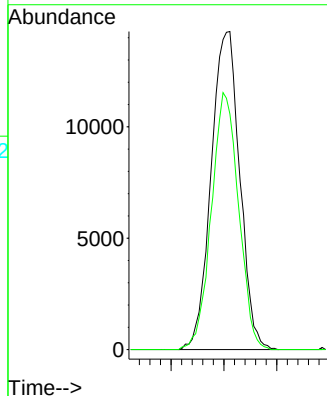
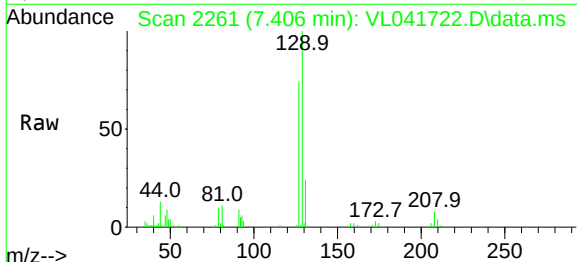
Instrument :
MSVOA_L
ClientSampleId :

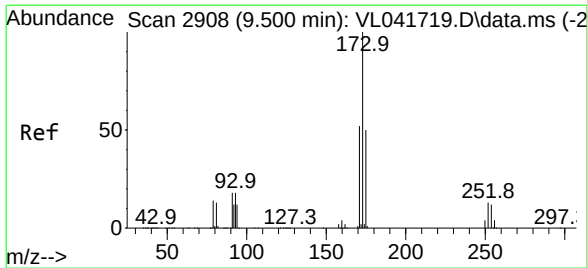
Tgt Ion: 97	Resp: 23111
Ion Ratio	Lower Upper
97 100	
83 74.4	63.0 94.4
85 51.4	41.0 61.6
99 57.6	49.8 74.6



#48
Dibromochloromethane
Concen: 0.401 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 129	Resp: 26891
Ion Ratio	Lower Upper
129 100	
127 76.7	38.6 115.7

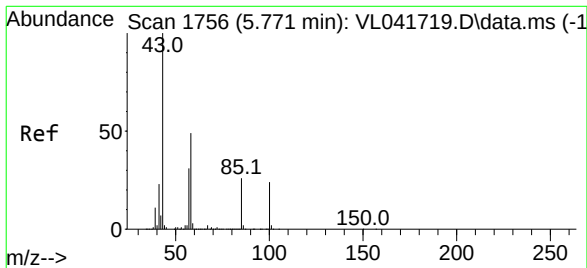
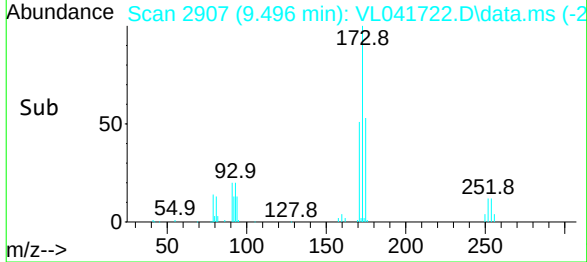
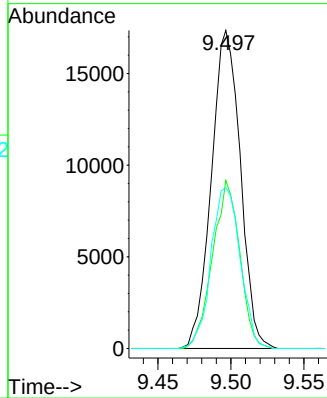
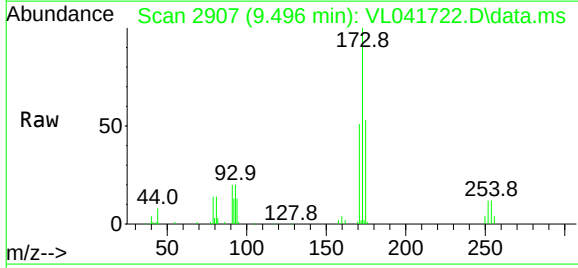




#49
Bromoform
Concen: 0.374 ppbv
RT: 9.496 min Scan# 2908
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

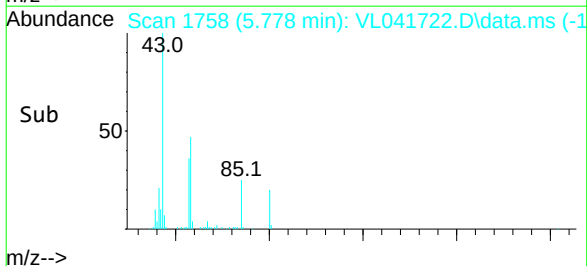
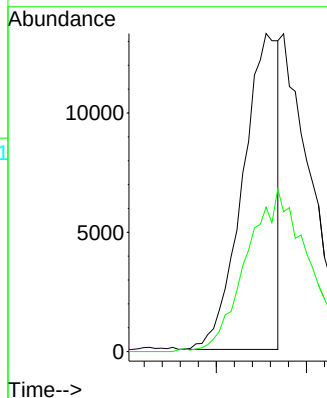
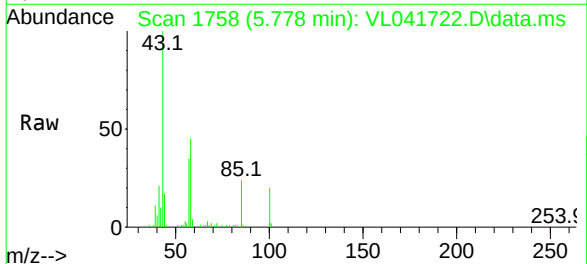
Instrument :
MSVOA_L
ClientSampleId :

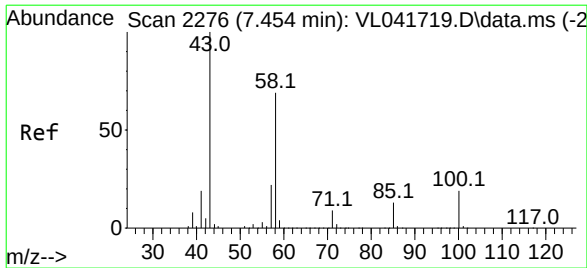
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
171	51.1	41.4	62.0



#50
4-Methyl-2-Pentanone
Concen: 0.261 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

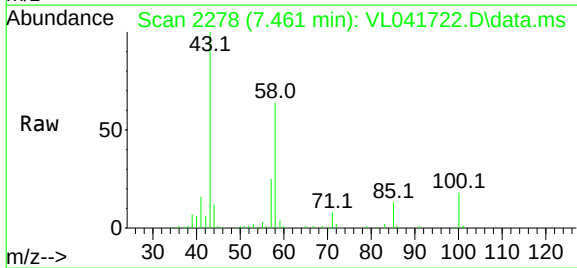
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.9	58.3



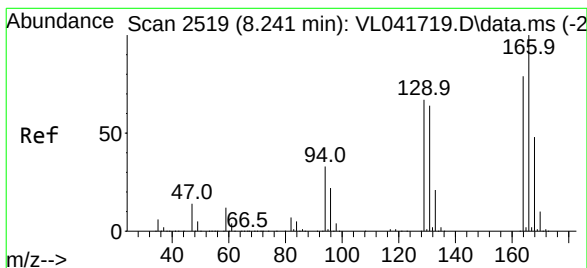
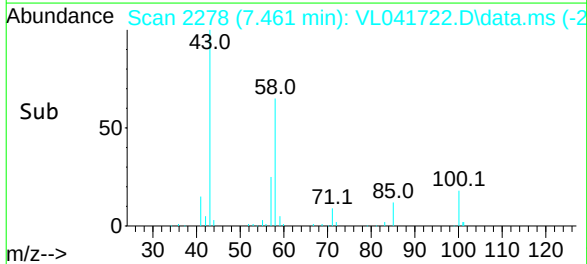
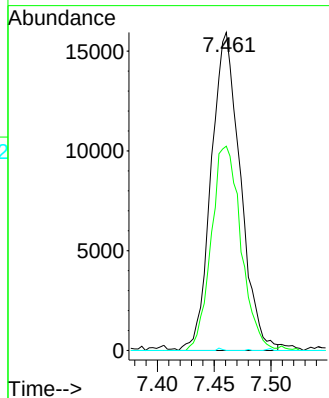


#51
2-Hexanone
Concen: 0.494 ppbv
RT: 7.461 min Scan# 2276
Delta R.T. 0.006 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

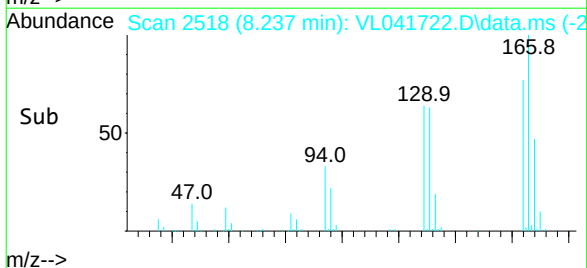
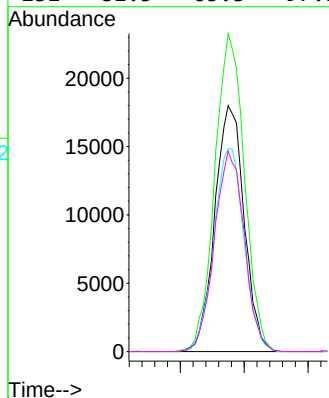
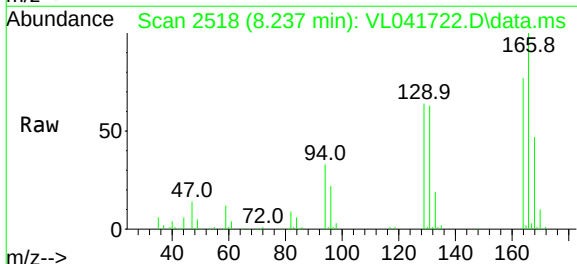


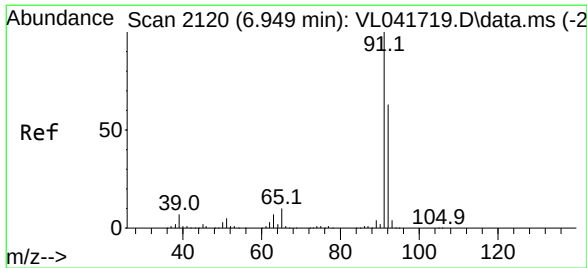
Tgt Ion	Ratio	Lower	Upper
43	100		
58	66.0	54.2	81.4
98	0.1	0.2	0.2



#52
Tetrachloroethene
Concen: 0.494 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.4	152.0
129	82.6	67.6	101.4
131	81.5	65.3	97.9





#53

Toluene

Concen: 0.496 ppbv

RT: 6.946 min Scan# 2119

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

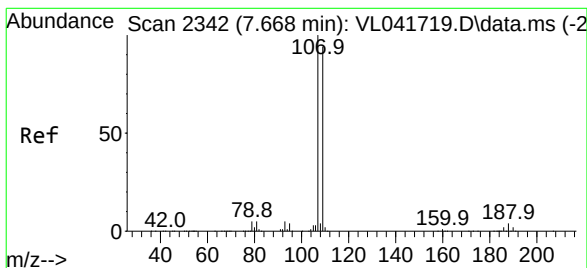
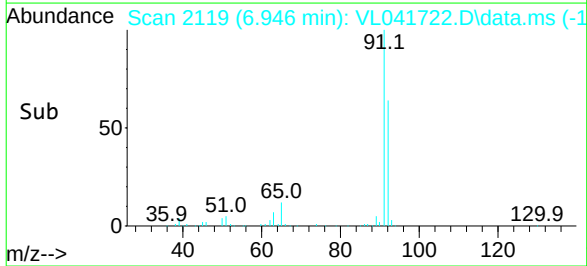
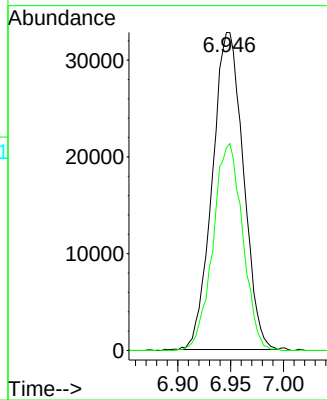
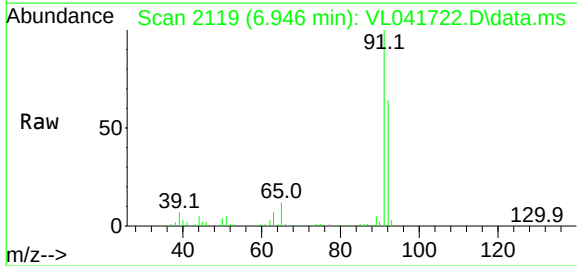
ClientSampleId :

Tgt Ion: 91 Resp: 66813

Ion Ratio Lower Upper

91 100

92 62.6 49.7 74.5



#54

1,2-Dibromoethane

Concen: 0.495 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. -0.000 min

Lab File: VL041722.D

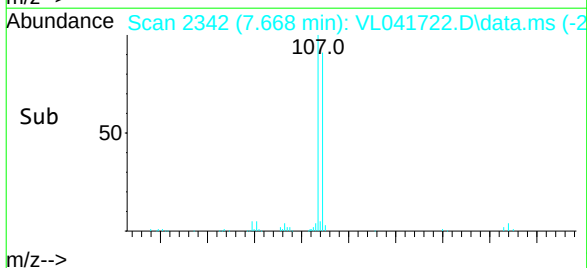
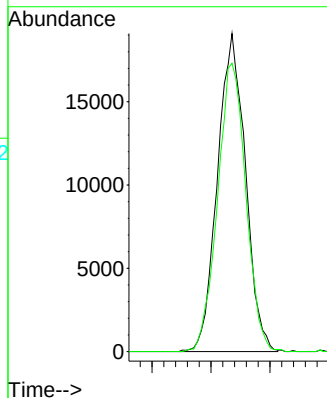
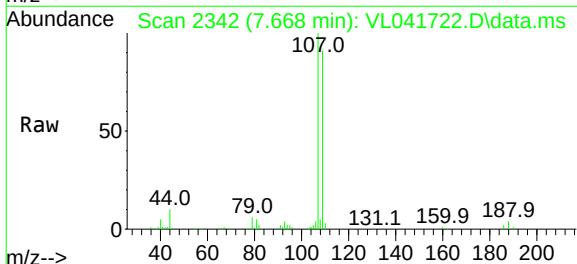
Acq: 11 Dec 2024 15:46

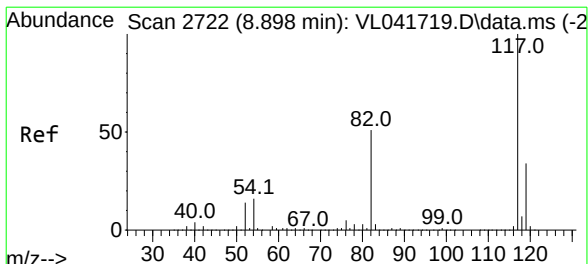
Tgt Ion: 107 Resp: 31433

Ion Ratio Lower Upper

107 100

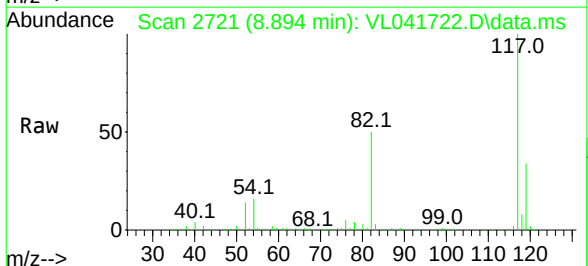
109 90.7 75.5 113.3





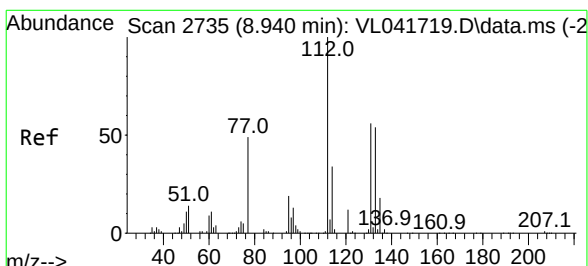
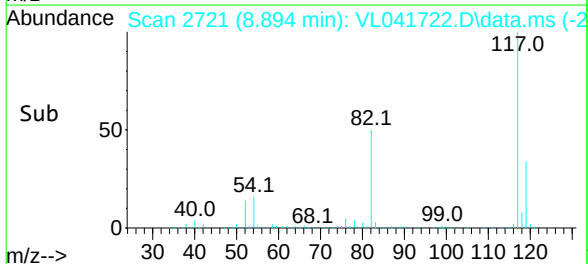
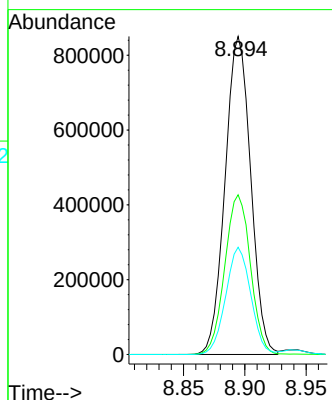
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.894 min Scan# 2722
 Delta R.T. -0.003 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:117 Resp: 1236387

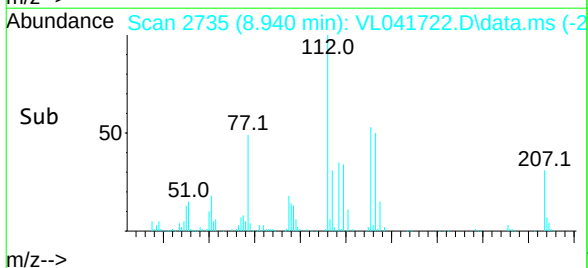
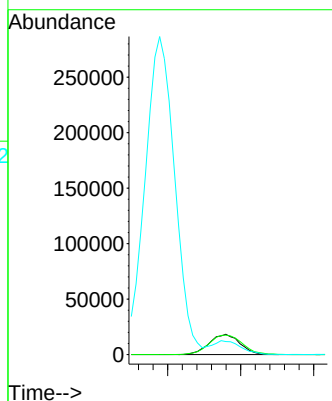
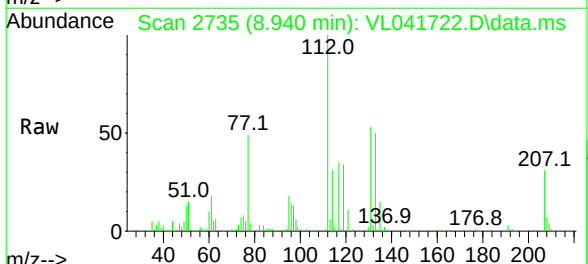
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.3	61.9
119	34.4	25.8	38.8

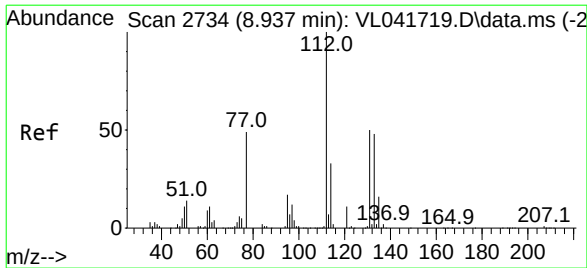


#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.464 ppbv
 RT: 8.940 min Scan# 2735
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Tgt Ion:131 Resp: 26669

Ion	Ratio	Lower	Upper
131	100		
133	105.7	76.9	115.3
119	1593.3	52.6	78.8

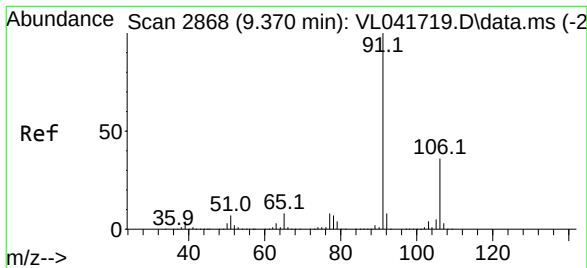
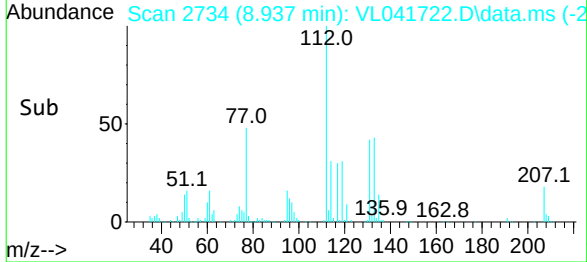
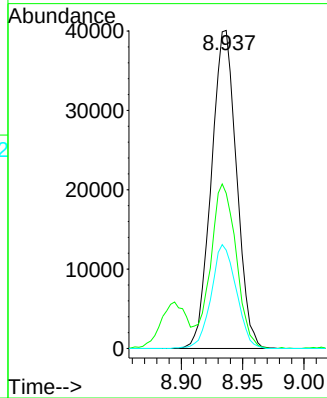
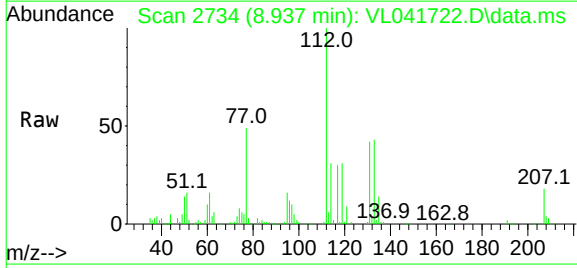




#57
Chlorobenzene
Concen: 0.510 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

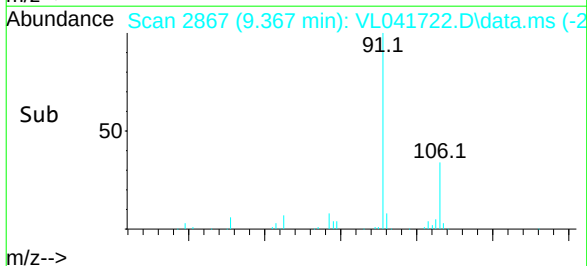
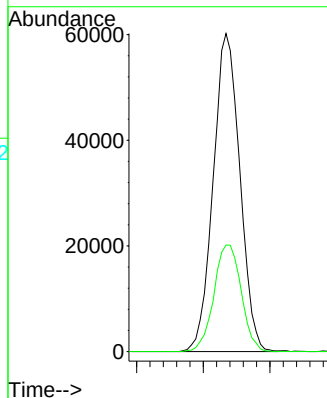
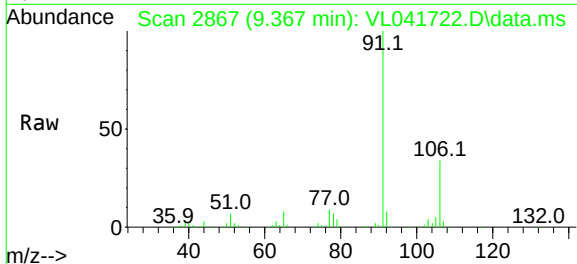
Instrument :
MSVOA_L
ClientSampleId :

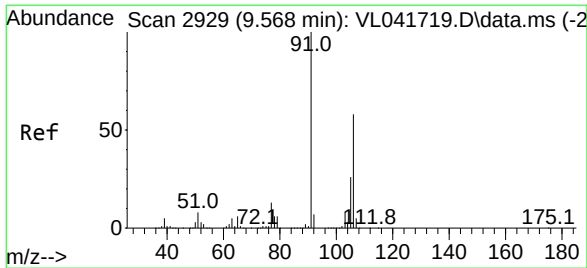
Tgt Ion	Ratio	Lower	Upper
112	100		
77	48.8	40.1	60.1
114	30.9	30.2	36.9



#58
Ethyl Benzene
Concen: 0.505 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

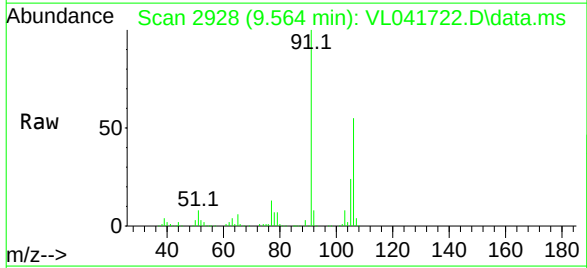
Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.5	28.6	43.0



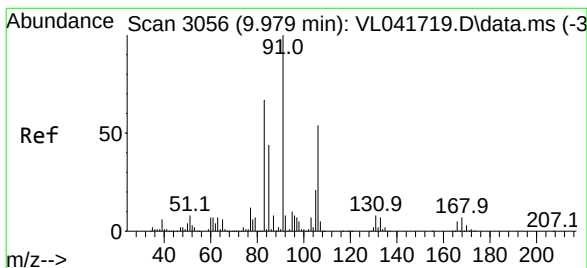
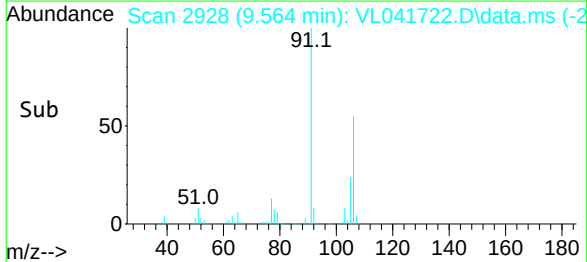
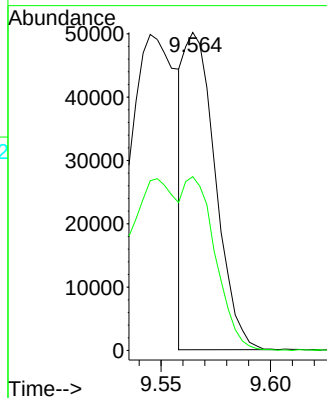


#59
m/p-Xylene
Concen: 0.396 ppbv
RT: 9.564 min Scan# 29
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

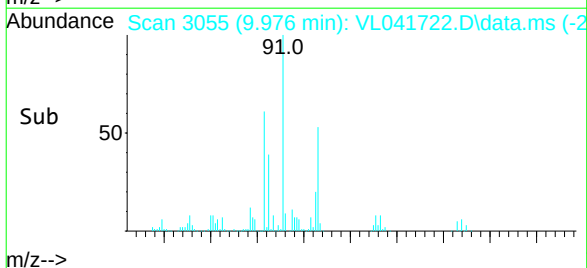
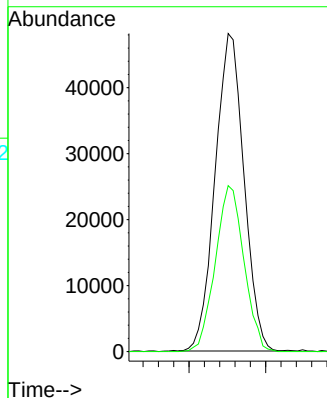
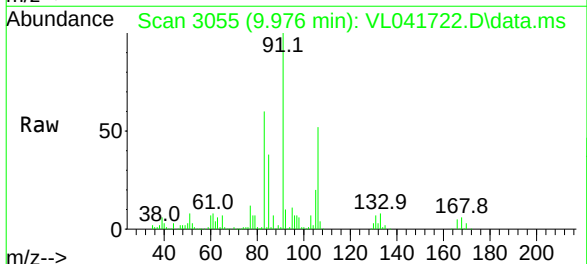


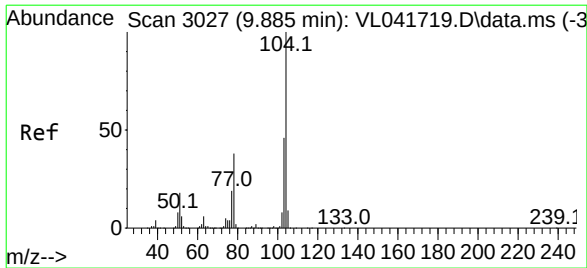
Tgt Ion: 91 Resp: 50171
Ion Ratio Lower Upper
91 100
106 138.9 45.1 67.7#



#60
o-Xylene
Concen: 0.501 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 91 Resp: 62926
Ion Ratio Lower Upper
91 100
106 51.8 26.8 80.4





#61

Styrene

Concen: 0.454 ppbv

RT: 9.882 min Scan# 3026

Delta R.T. -0.003 min

Lab File: VL041722.D

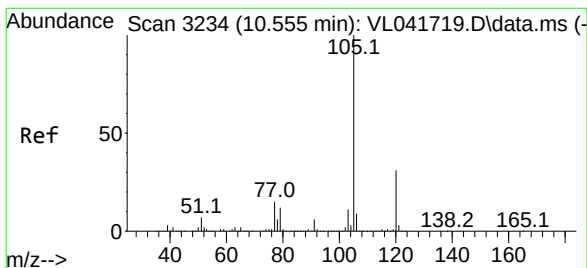
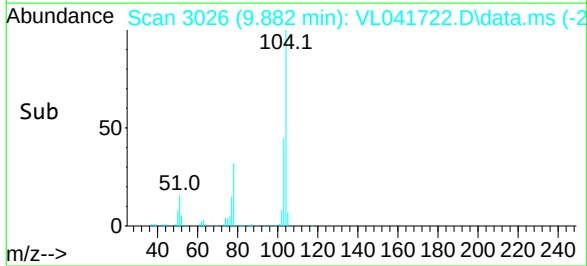
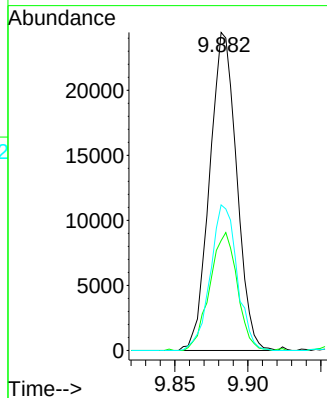
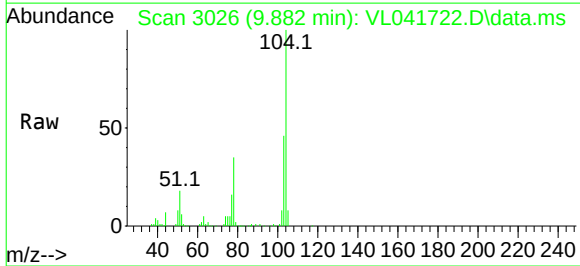
Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:104	Resp:	31493
Ion Ratio	Lower	Upper
104	100	
78	37.9	30.2 45.4
103	45.3	36.7 55.1



#62

Isopropylbenzene

Concen: 0.509 ppbv

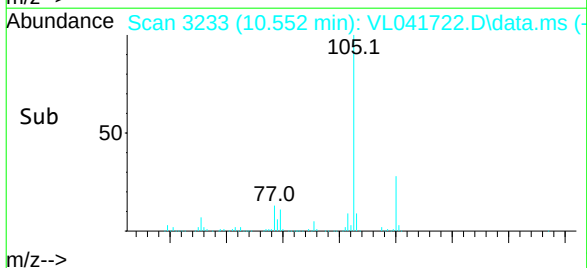
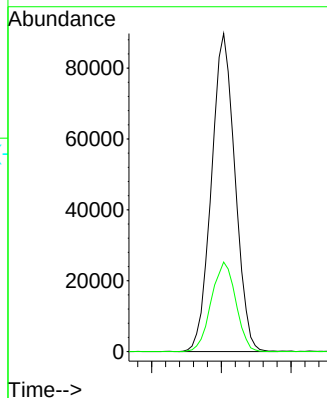
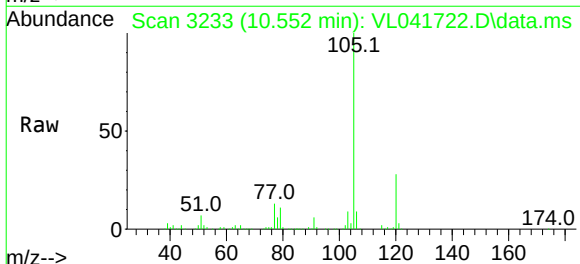
RT: 10.552 min Scan# 3233

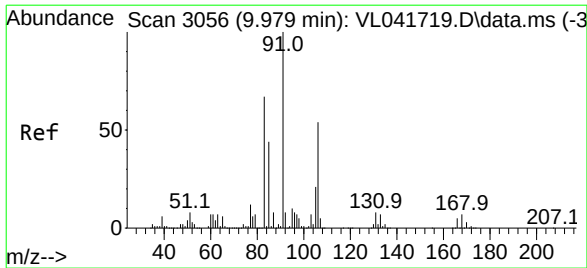
Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

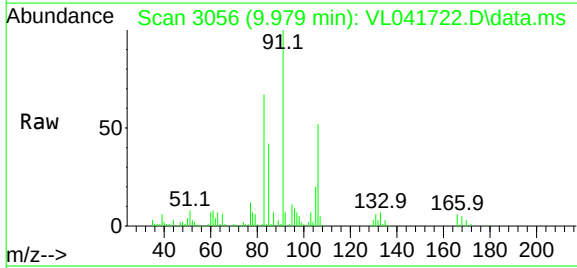
Tgt Ion:105	Resp:	105547
Ion Ratio	Lower	Upper
105	100	
120	29.2	24.3 36.5



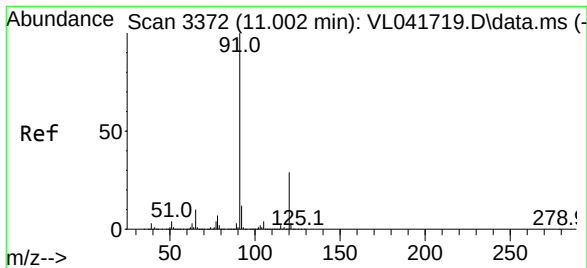
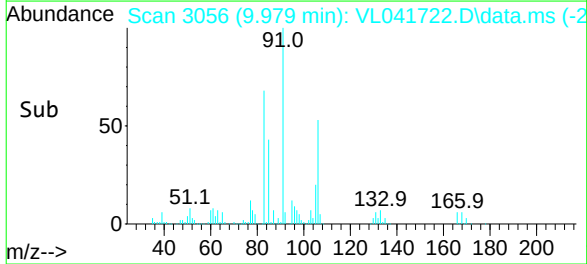
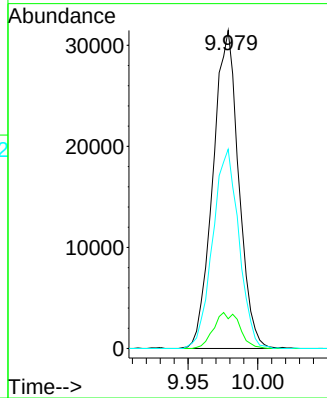


#63
1,1,2,2-Tetrachloroethane
Concen: 0.498 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :

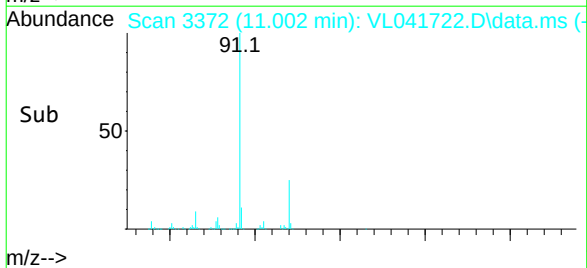
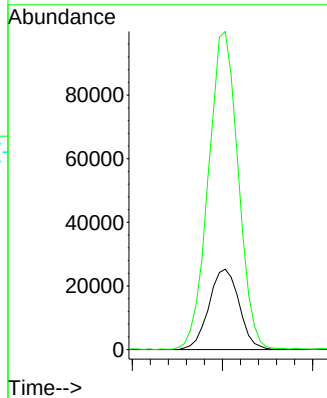
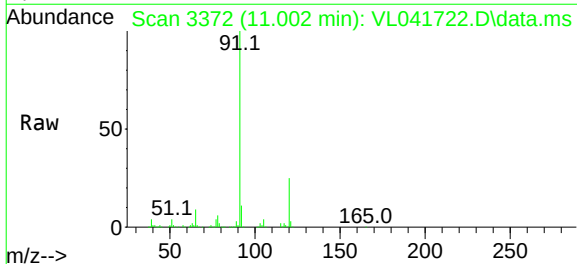


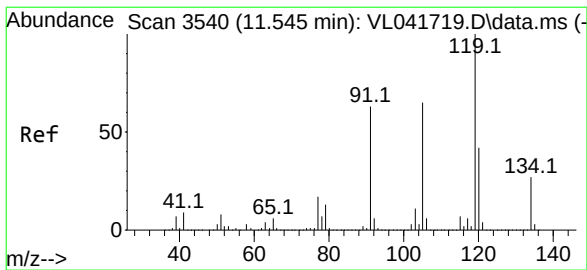
Tgt Ion: 83 Resp: 40492
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 63.6 32.8 98.4



#64
n-propylbenzene
Concen: 0.482 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

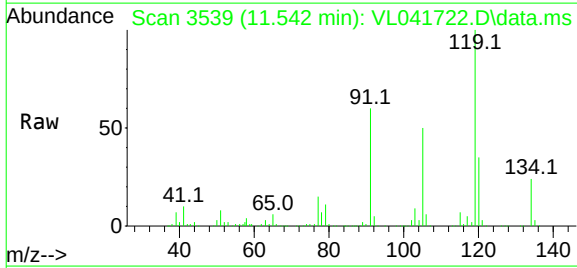
Tgt Ion: 120 Resp: 29407
Ion Ratio Lower Upper
120 100
91 392.6 290.8 436.2



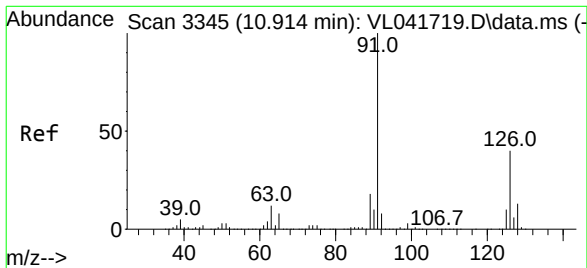
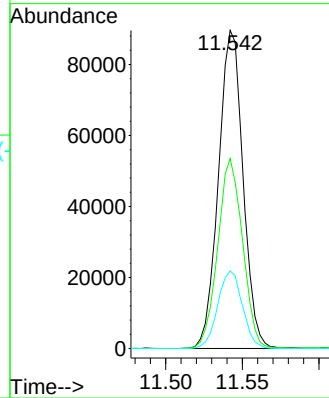
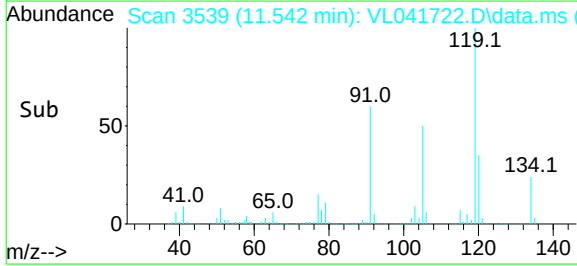


#65
tert-Butylbenzene
Concen: 0.508 ppbv
RT: 11.542 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

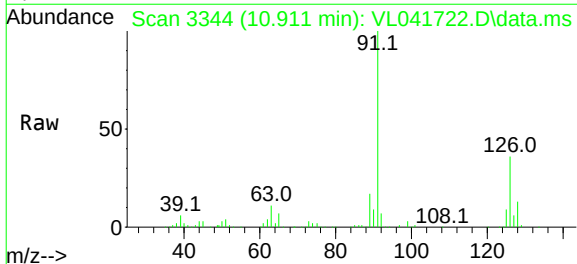
Instrument :
MSVOA_L
ClientSampleId :



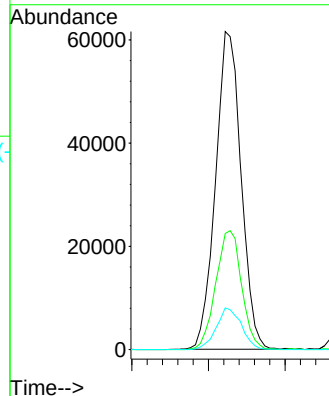
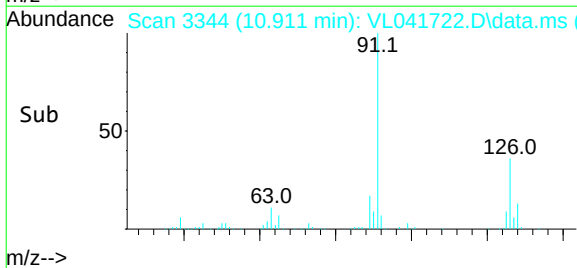
Tgt Ion:119 Resp: 99795
Ion Ratio Lower Upper
119 100
91 60.4 50.2 75.4
134 24.4 20.4 30.6

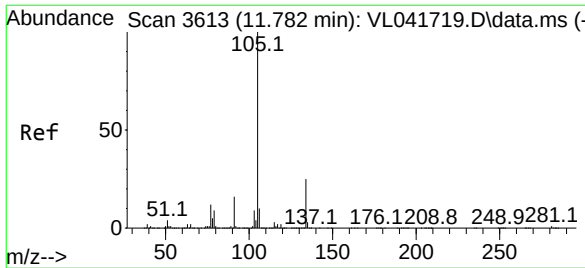


#66
Benzyl Chloride
Concen: 0.505 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion: 91 Resp: 71202
Ion Ratio Lower Upper
91 100
126 38.0 31.8 47.8
128 13.0 10.3 15.5





#67

sec-Butylbenzene

Concen: 0.508 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

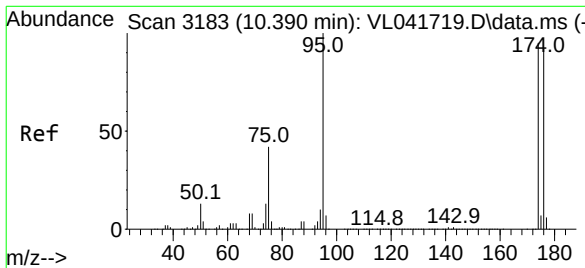
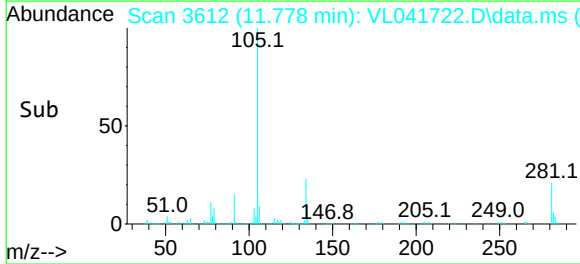
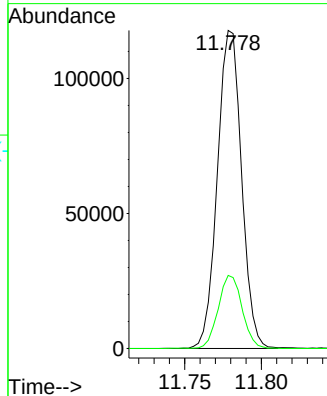
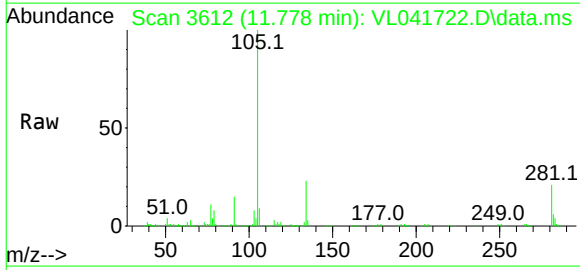
ClientSampleId :

Tgt Ion:105 Resp: 129227

Ion Ratio Lower Upper

105 100

134 22.7 19.3 28.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.939 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

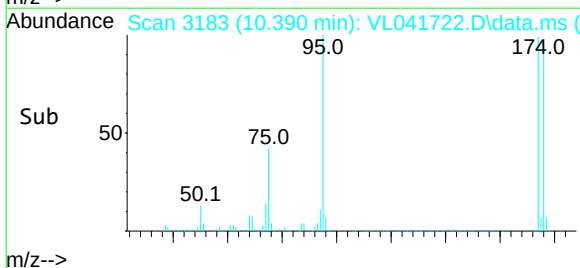
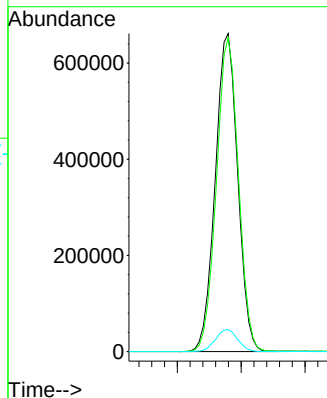
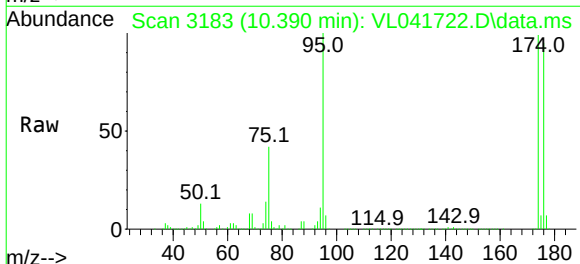
Tgt Ion: 95 Resp: 807853

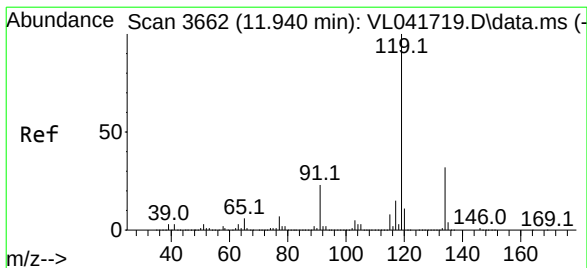
Ion Ratio Lower Upper

95 100

174 97.1 76.7 115.1

175 6.9 5.4 8.2





#69

p-Isopropyltoluene

Concen: 0.493 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. -0.003 min

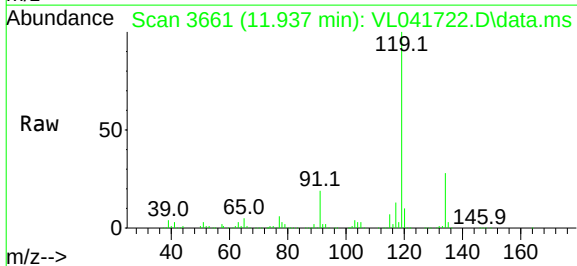
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



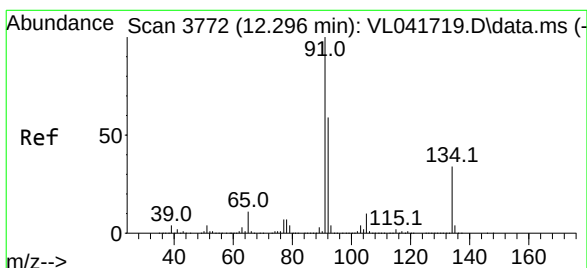
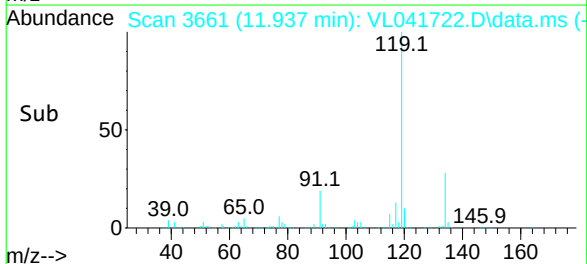
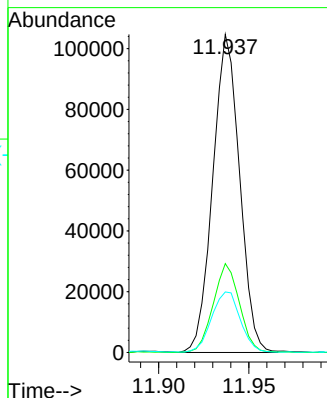
Tgt Ion: 119 Resp: 108114

Ion Ratio Lower Upper

119 100

134 27.5 24.6 36.8

91 21.5 17.8 26.8



#70

n-Butylbenzene

Concen: 0.485 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

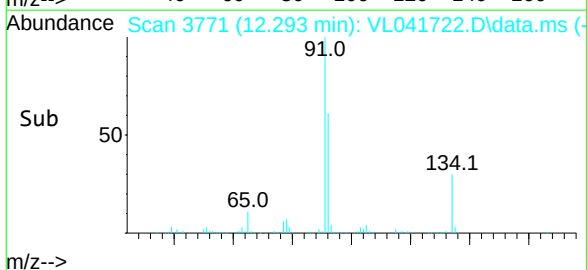
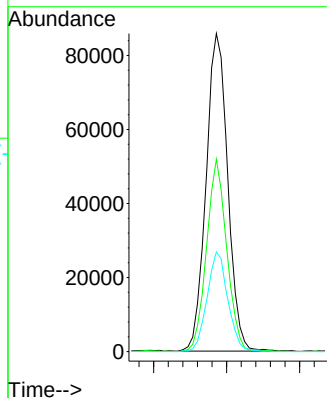
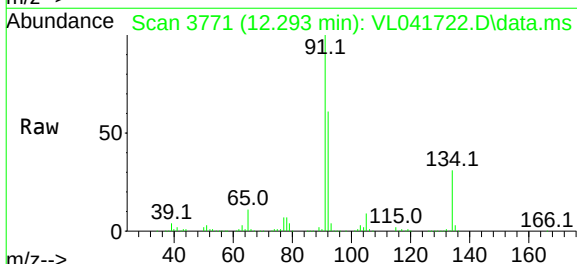
Tgt Ion: 91 Resp: 88335

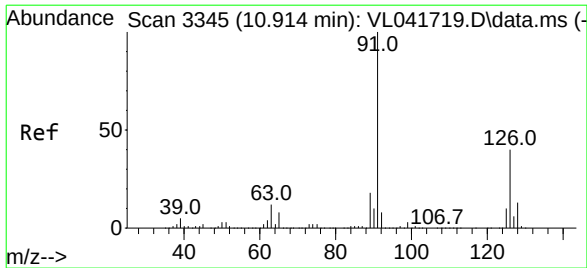
Ion Ratio Lower Upper

91 100

92 57.0 46.7 70.1

134 30.1 26.2 39.4

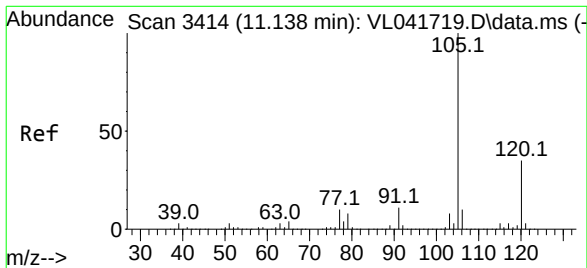
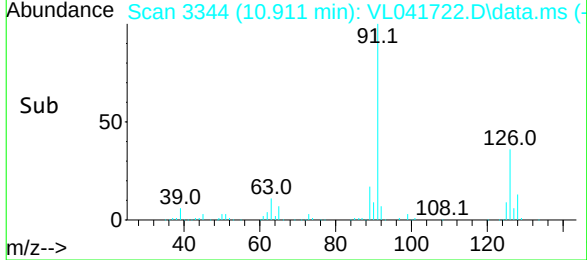
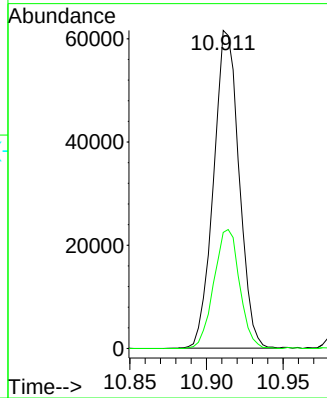
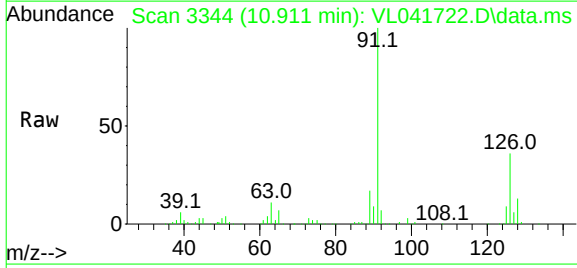




#71
2-Chlorotoluene
Concen: 0.505 ppbv
RT: 10.911 min Scan# 3345
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

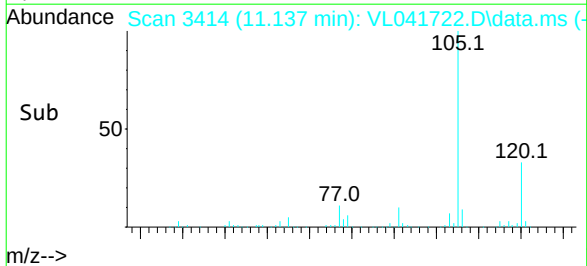
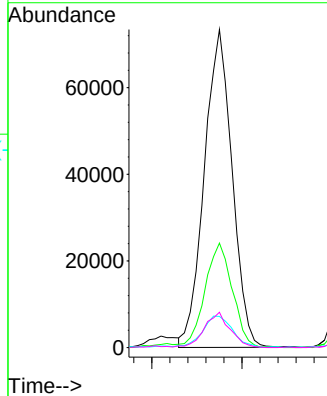
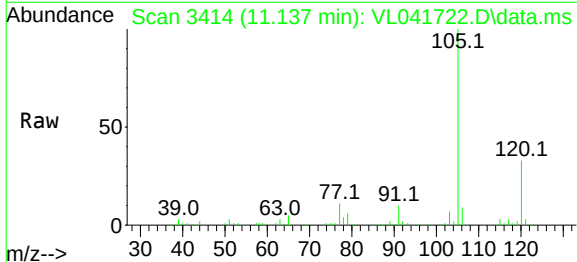
Instrument :
MSVOA_L
ClientSampleId :

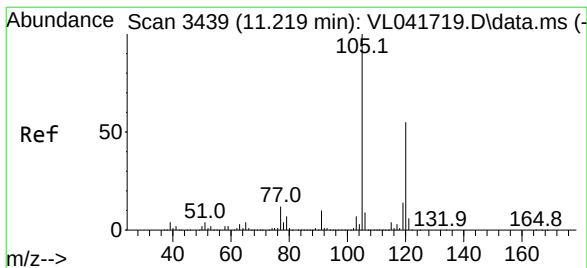
Tgt Ion: 91 Resp: 71202
Ion Ratio Lower Upper
91 100
126 38.0 15.9 63.7



#72
4-Ethyltoluene
Concen: 0.485 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 105 Resp: 78648
Ion Ratio Lower Upper
105 100
120 33.6 28.0 42.0
91 11.2 8.8 13.2
77 10.9 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 0.481 ppbv

RT: 11.215 min Scan# 3439

Delta R.T. -0.003 min

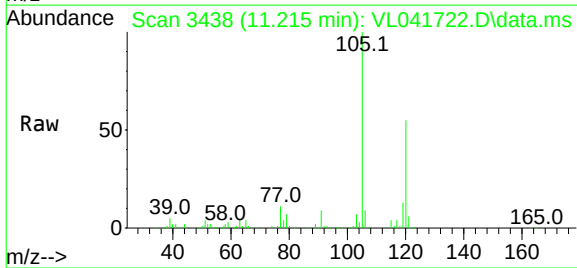
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

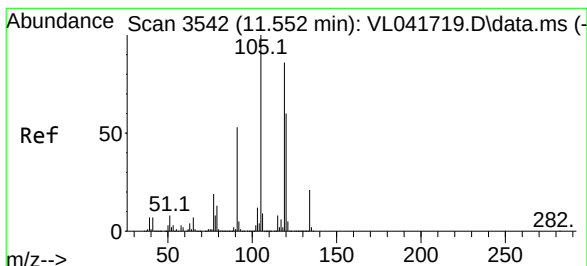
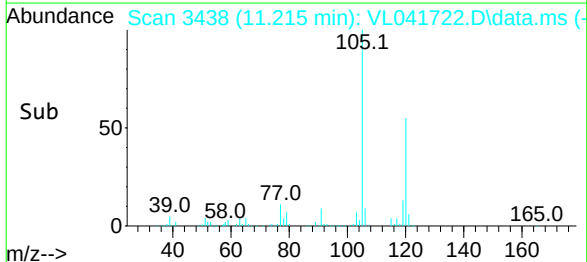
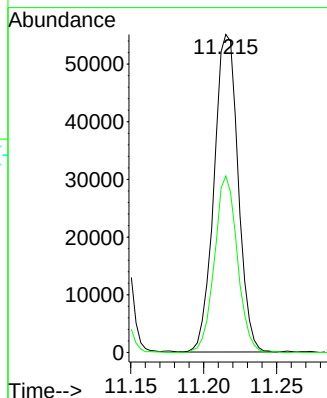


Tgt Ion:105 Resp: 63182

Ion Ratio Lower Upper

105 100

120 55.6 43.6 65.4



#74

1,2,4-Trimethylbenzene

Concen: 0.480 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Tgt Ion:105 Resp: 68504

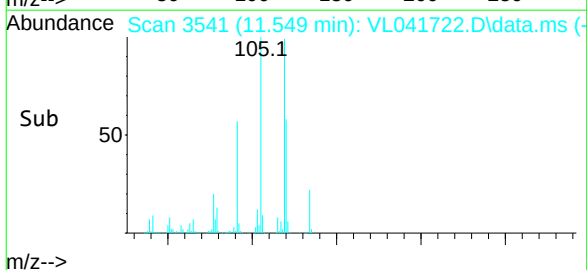
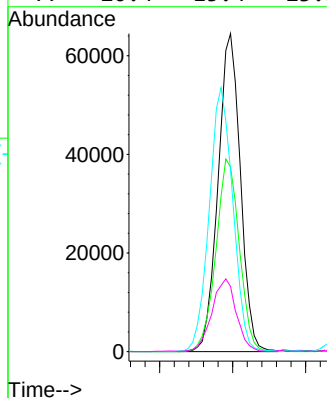
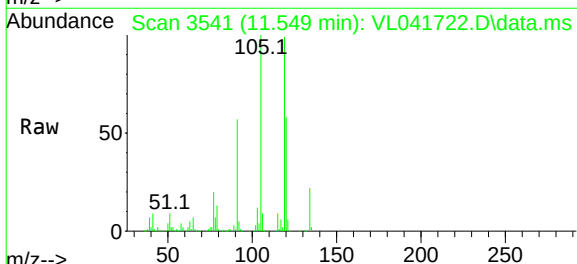
Ion Ratio Lower Upper

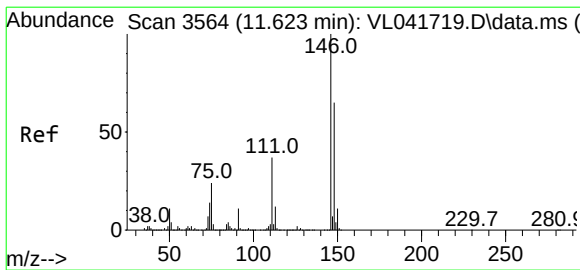
105 100

120 58.0 47.8 71.6

91 56.9 42.5 63.7

77 20.4 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 0.503 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.003 min

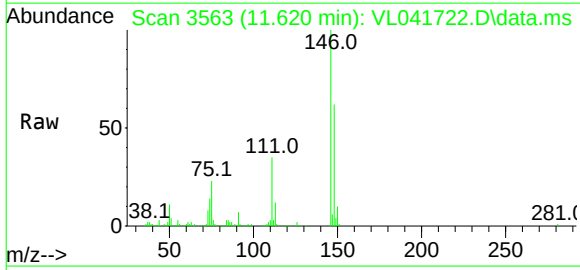
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



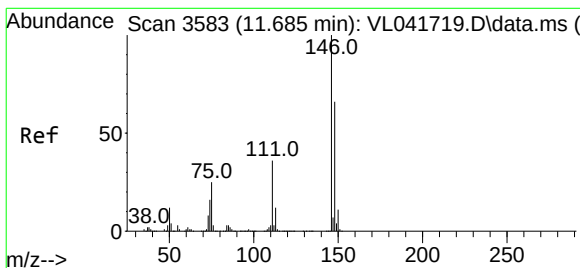
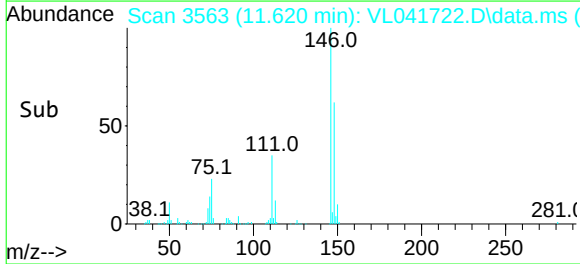
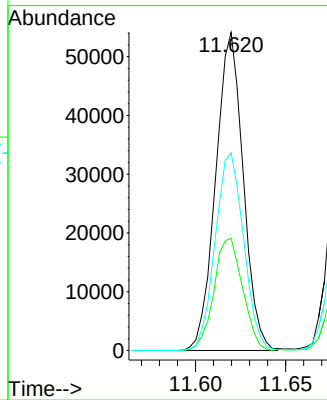
Tgt Ion:146 Resp: 57437

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

148 64.4 32.4 97.2



#76

1,4-Dichlorobenzene

Concen: 0.497 ppbv

RT: 11.684 min Scan# 3583

Delta R.T. -0.000 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

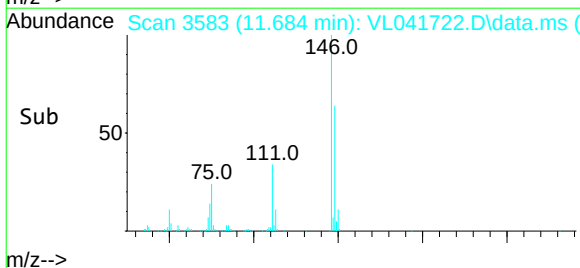
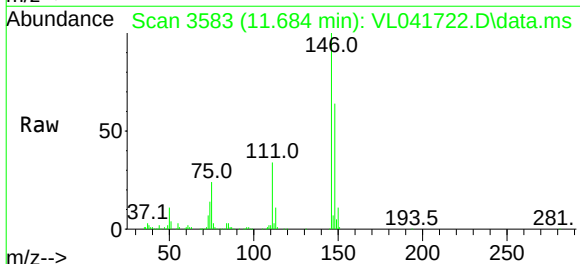
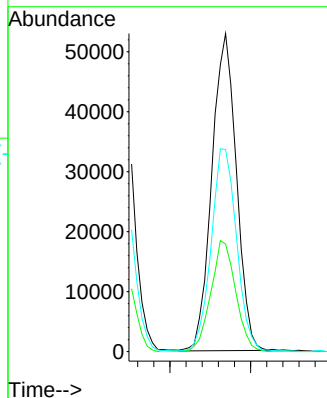
Tgt Ion:146 Resp: 55997

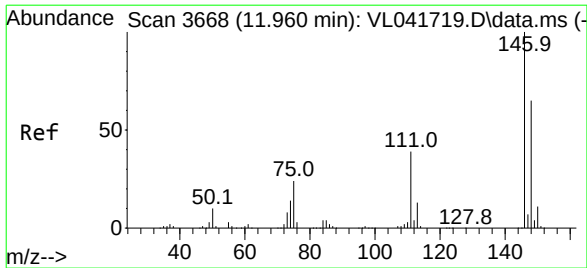
Ion Ratio Lower Upper

146 100

111 35.4 17.8 53.4

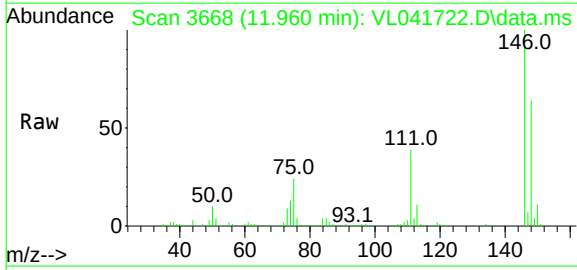
148 66.6 32.4 97.2



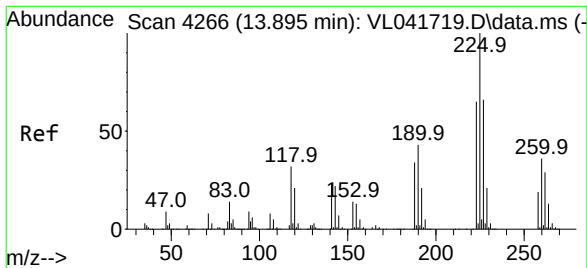
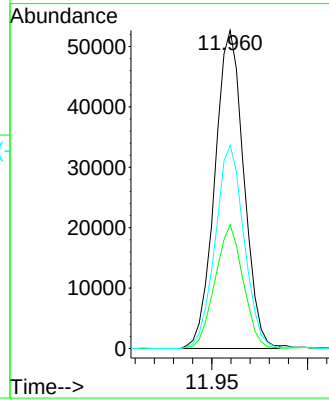
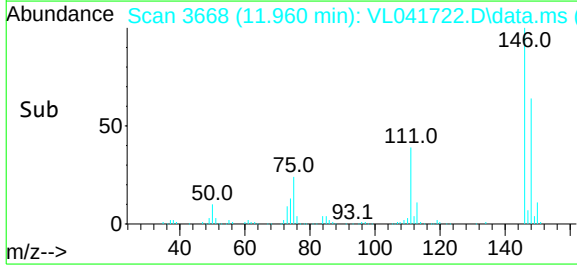


#77
1,2-Dichlorobenzene
Concen: 0.512 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

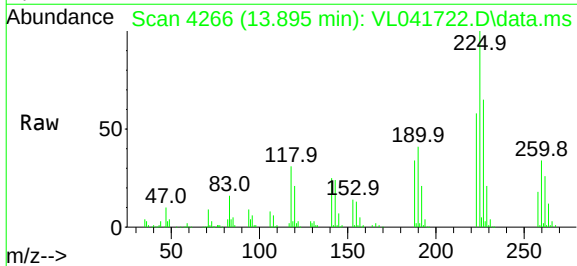
Instrument :
MSVOA_L
ClientSampleId :



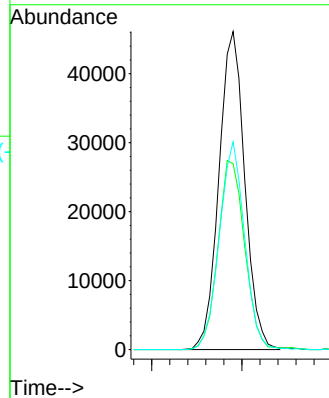
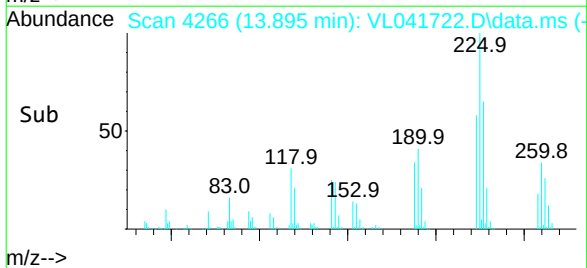
Tgt Ion:146 Resp: 55271
Ion Ratio Lower Upper
146 100
111 38.0 19.2 57.6
148 63.8 32.4 97.2

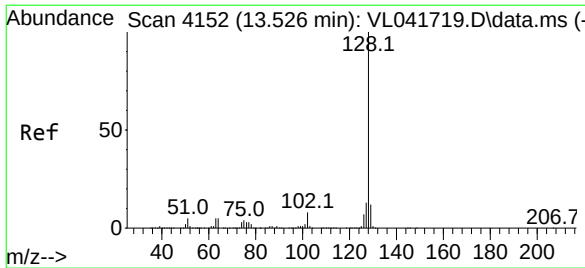


#78
Hexachloro-1,3-Butadiene
Concen: 0.516 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion:225 Resp: 45851
Ion Ratio Lower Upper
225 100
223 61.8 51.1 76.7
227 64.0 51.8 77.6





#79

Naphthalene

Concen: 0.457 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.000 min

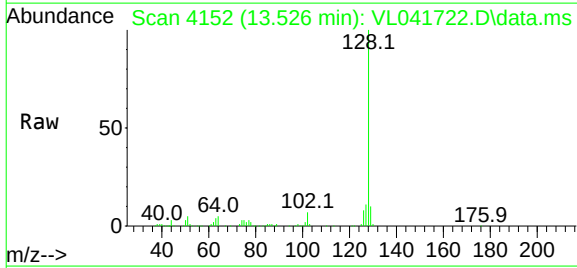
Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



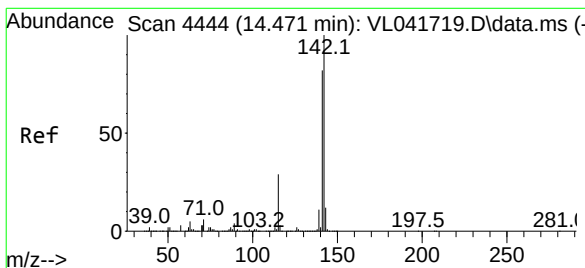
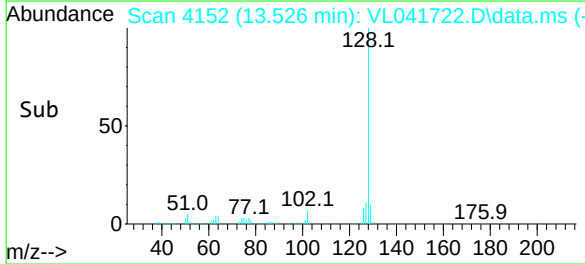
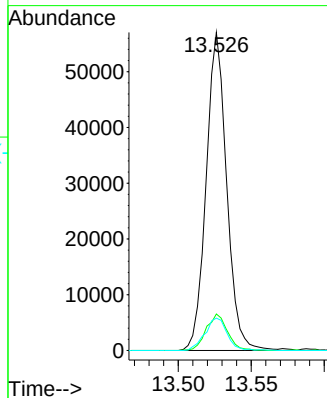
Tgt Ion:128 Resp: 55806

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.2

129 10.2 9.4 14.0



#80

Naphthalene, 2-methyl-

Concen: 0.207 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. -0.000 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

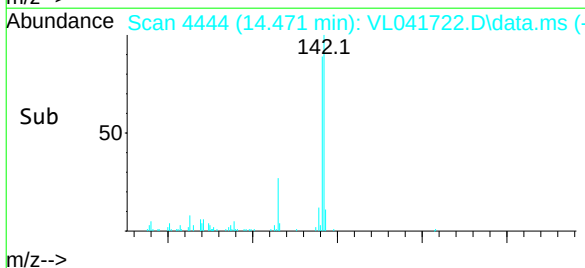
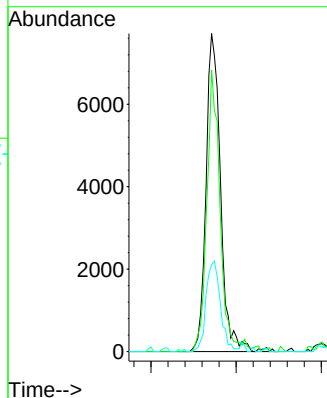
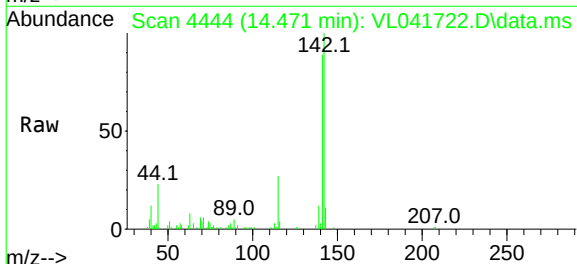
Tgt Ion:142 Resp: 9136

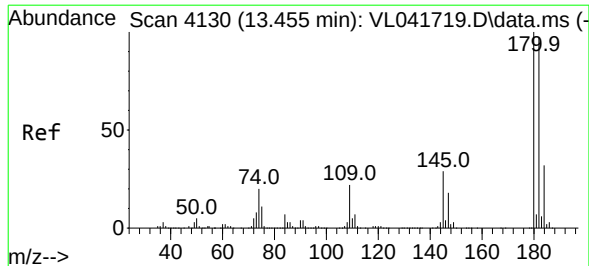
Ion Ratio Lower Upper

142 100

141 82.1 66.0 99.0

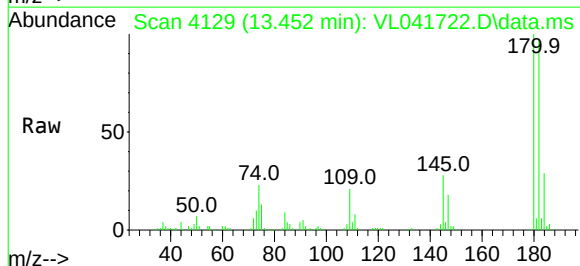
115 29.7 22.8 34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.473 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	36361
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.2	115.8
184	30.2	25.2	37.8

