

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041725.D
 Acq On : 11 Dec 2024 17:21
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:18:06 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	271367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	1332176	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	1199960	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.396	95	793087	10.054	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.502	85	822884	17.277	ppbv	97
3) Chlorodifluoromethane	1.479	51	507602	13.741	ppbv	99
4) Chloromethane	1.538	50	223805	17.706	ppbv	98
5) Vinyl Chloride	1.583	62	262683	16.967	ppbv	97
6) Bromomethane	1.674	94	189051	18.620	ppbv	99
7) Chloroethane	1.709	64	120139	17.838	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	674343	17.363	ppbv	96
9) Propene	1.486	41	217245	13.791	ppbv	100
10) Heptane	5.004	43	623852	14.325	ppbv	99
11) Trichlorofluoromethane	1.884	101	944868	17.227	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	846549	17.143	ppbv	99
13) Ethanol	1.725	45	11979	9.194	ppbv	100
14) Bromoethene	1.787	108	335233	18.521	ppbv	99
15) Acetone	1.839	43	425150	13.570	ppbv	97
16) 1,3-Butadiene	1.612	39	172296	16.393	ppbv	97
17) tert-Butyl alcohol	2.043	59	739165	16.273	ppbv	100
18) 1,1-Dichloroethene	2.039	96	388096	16.998	ppbv	95
19) Isopropyl Alcohol	1.887	45	286200	9.617	ppbv	92
20) Methylene Chloride	2.069	84	313879	16.539	ppbv	99
21) Allyl Chloride	2.104	41	311066	17.632	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	471621	18.044	ppbv	98
23) Vinyl Acetate	2.470	43	253214	13.346	ppbv	98
24) 1,1-Dichloroethane	2.418	63	628058	17.801	ppbv	99
25) Ethyl Acetate	5.004	43	623852	14.325	ppbv #	99
26) Hexane	2.839	57	595417	14.098	ppbv	99
27) Carbon Disulfide	2.159	76	845886	19.454	ppbv	99
28) Methyl tert-Butyl Ether	2.447	73	503238	15.875	ppbv	100
29) Chloroform	2.858	83	920141	14.232	ppbv	99
30) Cyclohexane	3.875	84	690006	14.539	ppbv	100
31) cis-1,2-Dichloroethene	2.732	61	560017	14.309	ppbv	97
32) 1,1,1-Trichloroethane	3.383	97	932381	14.665	ppbv	100
34) 2-Butanone	2.564	43	642196	13.768	ppbv	99
35) Carbon Tetrachloride	3.781	117	989226	15.944	ppbv	100
36) Benzene	3.671	78	1490264	14.228	ppbv	100
37) 1,2-Dichloroethane	3.230	62	551376	14.572	ppbv	100
38) Trichloroethene	4.567	130	794408	14.625	ppbv	100
39) 1,2-Dichloropropane	4.331	63	485752	14.554	ppbv	98
40) 1,4-Dioxane	4.600	88	290806	14.441	ppbv #	94
41) Tetrahydrofuran	3.062	42	407196	14.486	ppbv	100
42) Bromodichloromethane	4.509	83	963584	15.774	ppbv	98
43) Methyl Methacrylate	4.901	69	562691	14.915	ppbv	100
44) 2,2,4-Trimethylpentane	4.661	57	2061284	14.138	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	558104	15.110	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041725.D
 Acq On : 11 Dec 2024 17:21
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:18:06 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

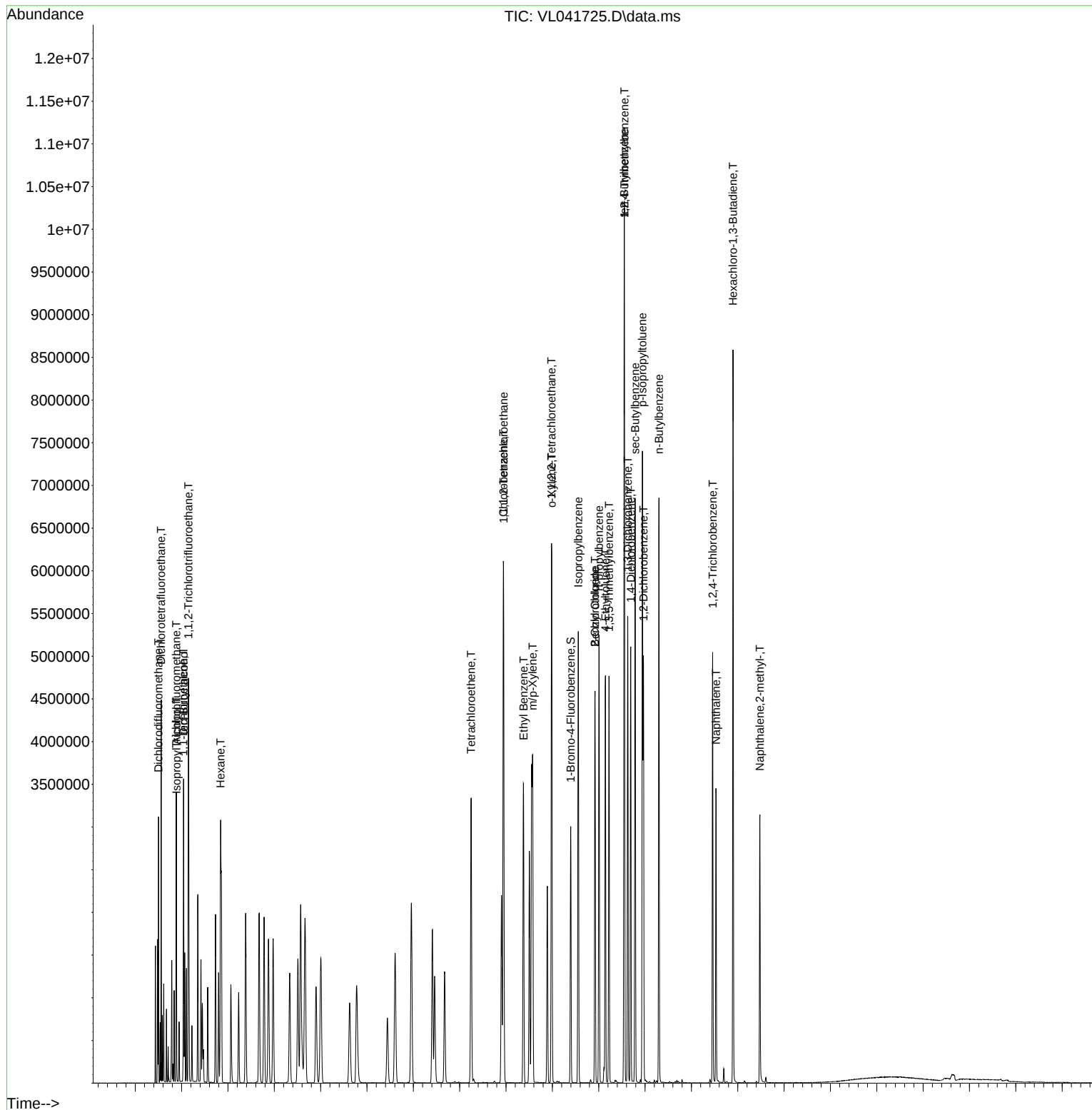
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.626	75	749534	15.333	ppbv	98
47) 1,1,2-Trichloroethane	6.606	97	639329	14.386	ppbv	98
48) Dibromochloromethane	7.412	129	1042907	16.286	ppbv	100
49) Bromoform	9.503	173	1053854	17.201	ppbv	99
50) 4-Methyl-2-Pentanone	5.774	43	964314	14.413	ppbv	99
51) 2-Hexanone	7.458	43	766412	13.928	ppbv	100
52) Tetrachloroethene	8.247	164	790697	14.248	ppbv	99
53) Toluene	6.959	91	1841601	14.307	ppbv	99
54) 1,2-Dibromoethane	7.674	107	903522	14.873	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	855322	15.331	ppbv	99
57) Chlorobenzene	8.943	112	1547656	14.174	ppbv	99
58) Ethyl Benzene	9.377	91	2270364	14.138	ppbv	98
59) m/p-Xylene	9.574	91	1475646	11.994	ppbv #	1
60) o-Xylene	9.985	91	1742693	14.284	ppbv	100
61) Styrene	9.891	104	1035943	15.383	ppbv	100
62) Isopropylbenzene	10.558	105	2776128	13.793	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.982	83	1126779	14.274	ppbv	100
64) n-propylbenzene	11.008	120	878575	14.826	ppbv	93
65) tert-Butylbenzene	11.549	119	2671424	14.002	ppbv	98
66) Benzyl Chloride	10.921	91	1943095	14.202	ppbv	99
67) sec-Butylbenzene	11.785	105	3339897	13.524	ppbv	97
69) p-Isopropyltoluene	11.944	119	2992965	14.051	ppbv	98
70) n-Butylbenzene	12.300	91	2543438	14.388	ppbv	98
71) 2-Chlorotoluene	10.921	91	1943095	14.202	ppbv	99
72) 4-Ethyltoluene	11.144	105	2292986	14.555	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	1902799	14.930	ppbv	96
74) 1,2,4-Trimethylbenzene	11.555	105	2075220	14.978	ppbv	95
75) 1,3-Dichlorobenzene	11.626	146	1599846	14.449	ppbv	99
76) 1,4-Dichlorobenzene	11.691	146	1592044	14.558	ppbv	98
77) 1,2-Dichlorobenzene	11.966	146	1514587	14.446	ppbv	99
78) Hexachloro-1,3-Butadiene	13.898	225	1182302	13.719	ppbv	100
79) Naphthalene	13.529	128	1921154	16.200	ppbv	99
80) Naphthalene,2-methyl-	14.478	142	1125481	26.231	ppbv	100
81) 1,2,4-Trichlorobenzene	13.458	180	1170914	15.681	ppbv	100

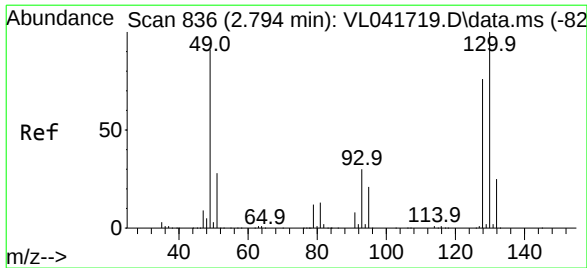
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041725.D
Acq On : 11 Dec 2024 17:21
Operator : SY/MD
Sample : VSTDIC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

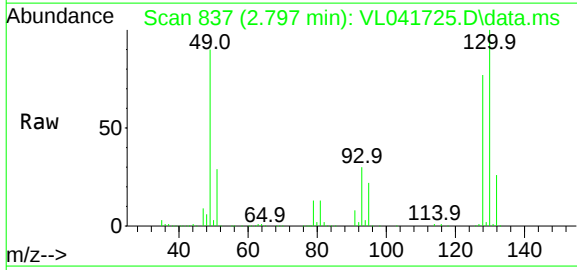
Quant Time: Dec 12 13:18:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:14:06 2024
Response via : Initial Calibration



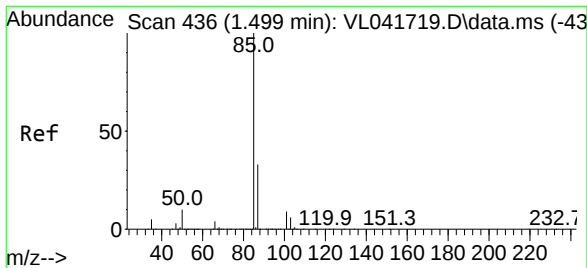
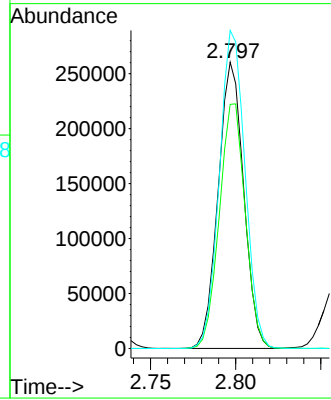
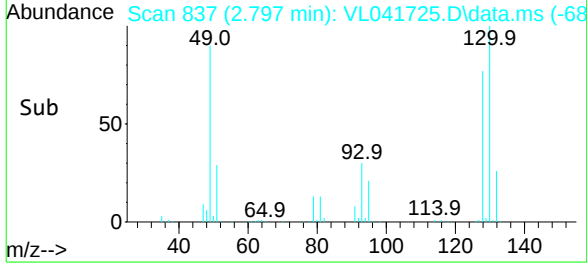


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

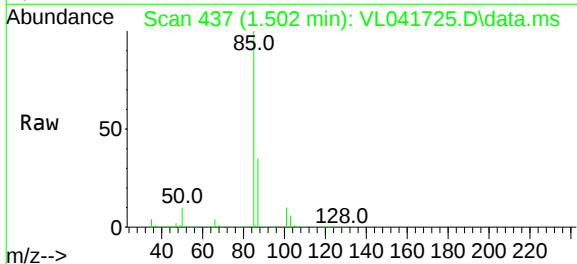
Instrument :
MSVOA_L
ClientSampleId :



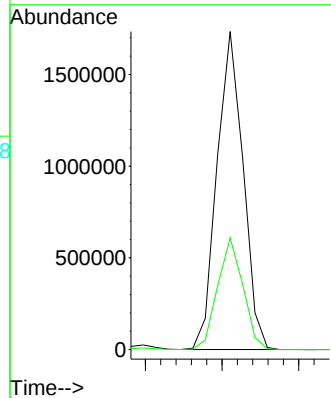
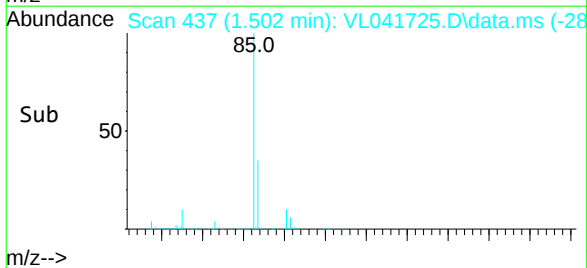
Tgt Ion: 49 Resp: 271367
Ion Ratio Lower Upper
49 100
128 86.9 42.8 128.3
130 111.8 55.8 167.4

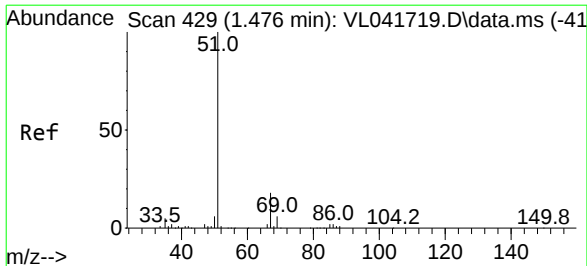


#2
Dichlorodifluoromethane
Concen: 17.277 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 85 Resp: 822884
Ion Ratio Lower Upper
85 100
87 35.1 26.6 39.8

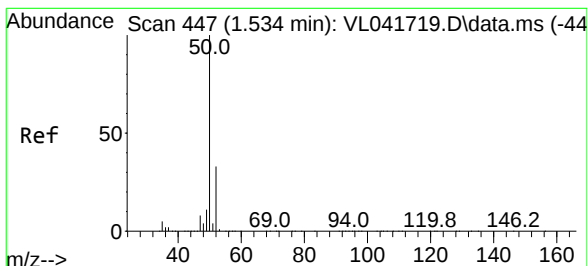
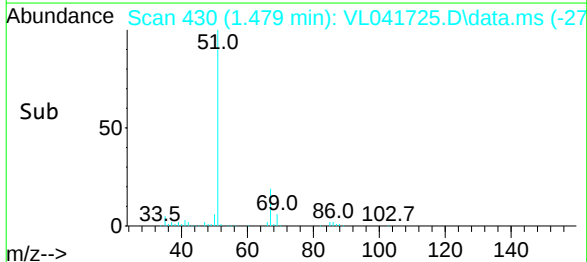
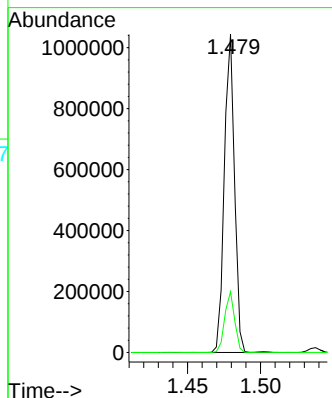
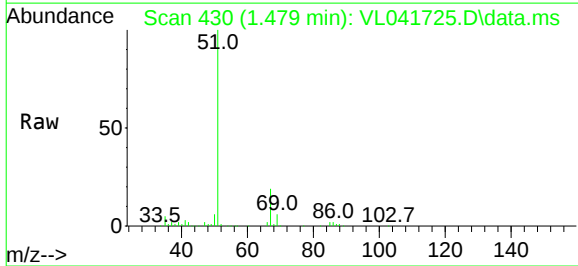




#3
Chlorodifluoromethane
Concen: 13.741 ppbv
RT: 1.479 min Scan# 43
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

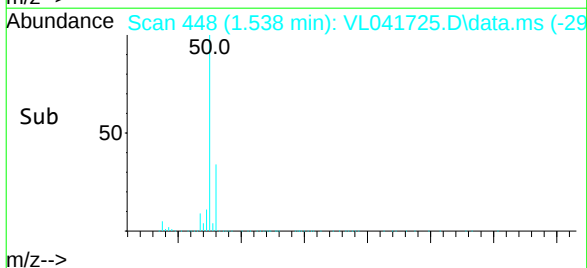
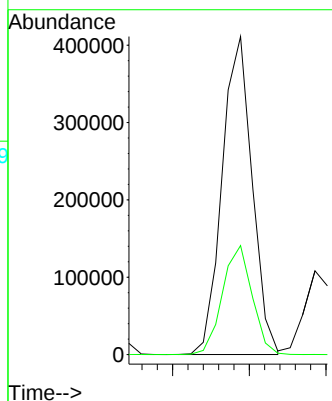
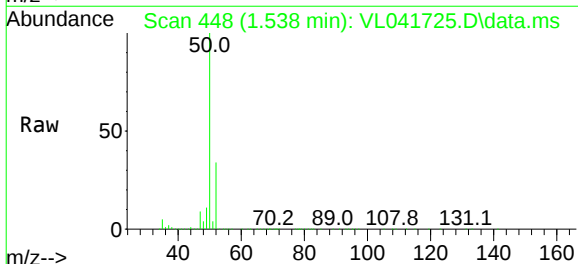
Instrument :
MSVOA_L
ClientSampleId :

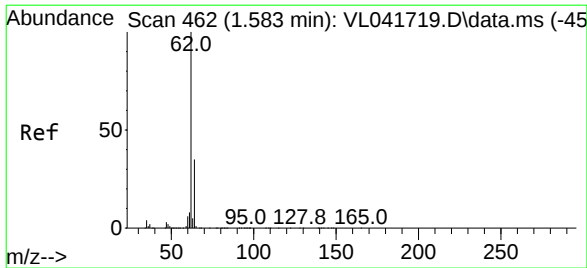
Tgt Ion: 51 Resp: 507602
Ion Ratio Lower Upper
51 100
67 18.6 14.6 21.8



#4
Chloromethane
Concen: 17.706 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 50 Resp: 223805
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

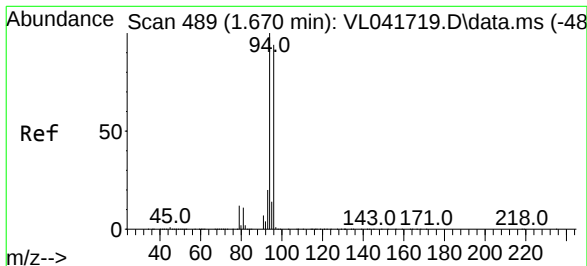
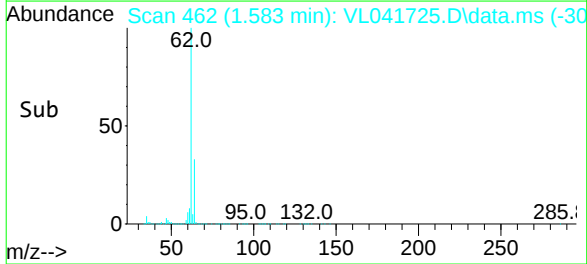
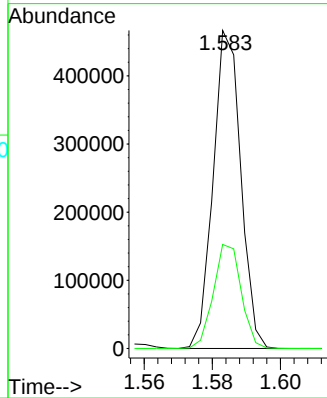
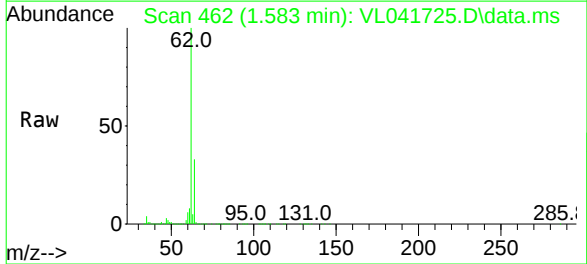




#5
 Vinyl Chloride
 Concen: 16.967 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

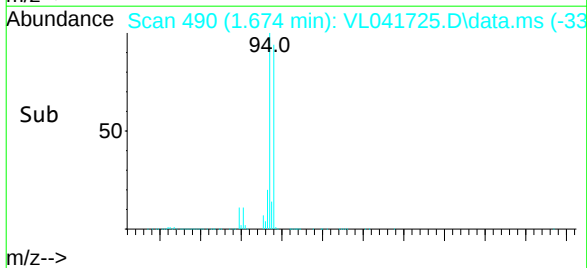
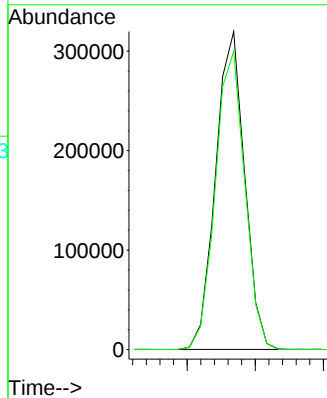
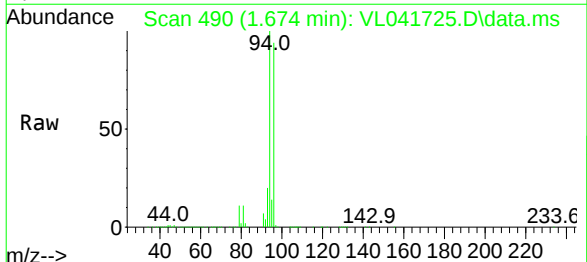
Instrument :
 MSVOA_L
 ClientSampleId :

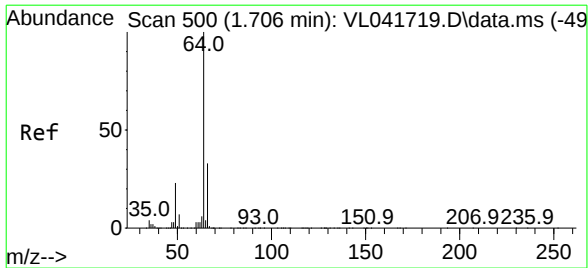
Tgt Ion: 62 Resp: 262683
 Ion Ratio Lower Upper
 62 100
 64 32.7 27.6 41.4



#6
 Bromomethane
 Concen: 18.620 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

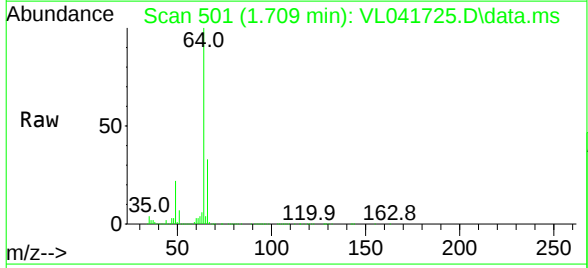
Tgt Ion: 94 Resp: 189051
 Ion Ratio Lower Upper
 94 100
 96 93.7 75.4 113.0



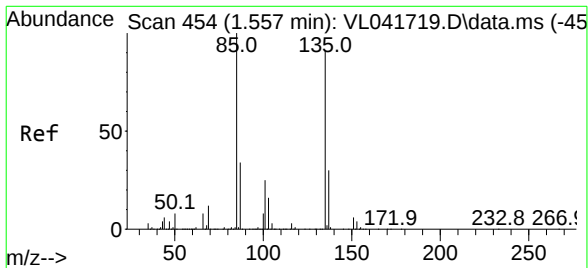
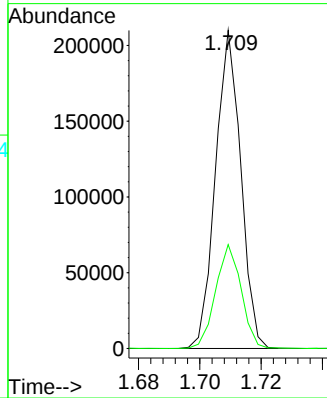
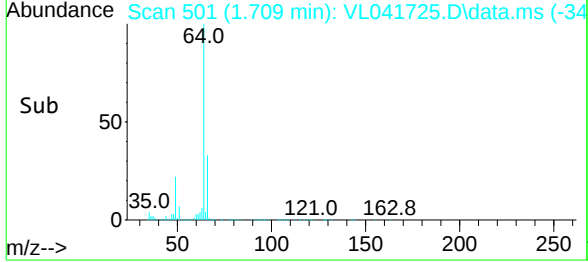


#7
Chloroethane
Concen: 17.838 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

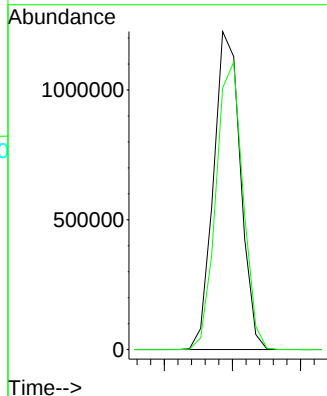
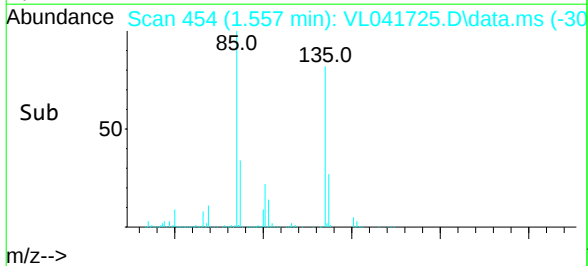
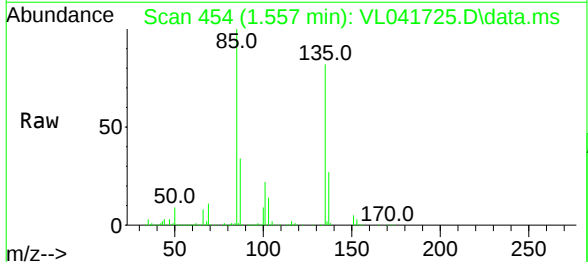


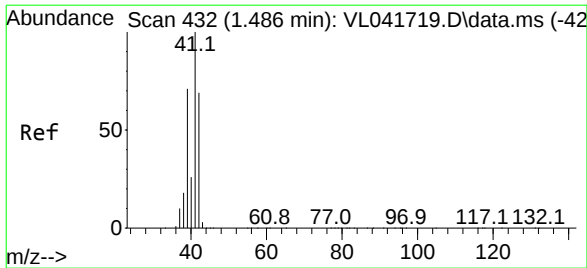
Tgt Ion: 64 Resp: 120139
Ion Ratio Lower Upper
64 100
66 32.7 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 17.363 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 85 Resp: 674343
Ion Ratio Lower Upper
85 100
135 90.4 69.0 103.6





#9

Propene

Concen: 13.791 ppbv

RT: 1.486 min Scan# 43

Delta R.T. 0.000 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

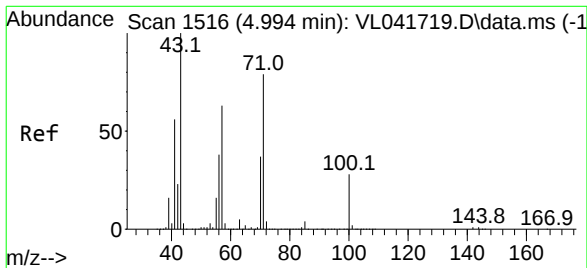
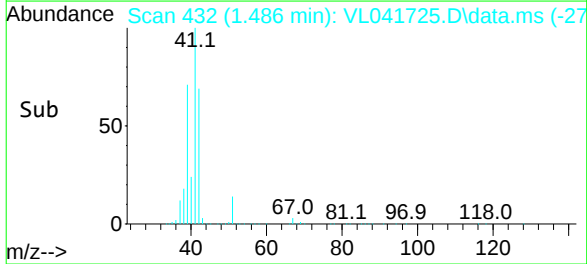
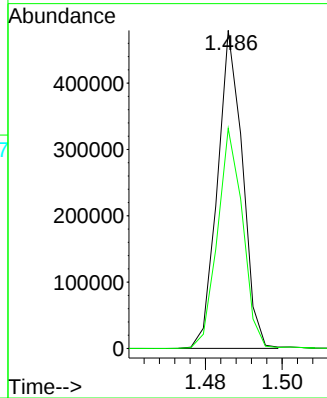
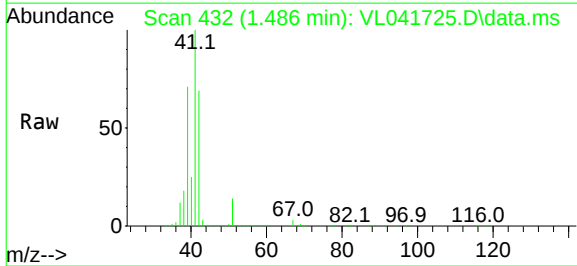
ClientSampleId :

Tgt Ion: 41 Resp: 217245

Ion Ratio Lower Upper

41 100

42 70.2 56.2 84.4



#10

Heptane

Concen: 14.325 ppbv

RT: 5.004 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VL041725.D

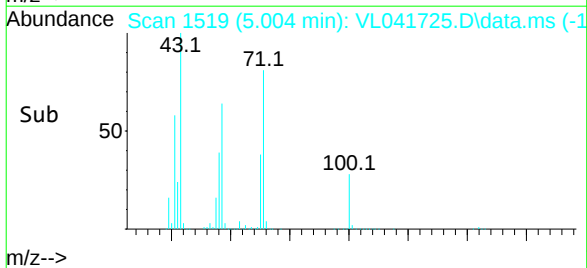
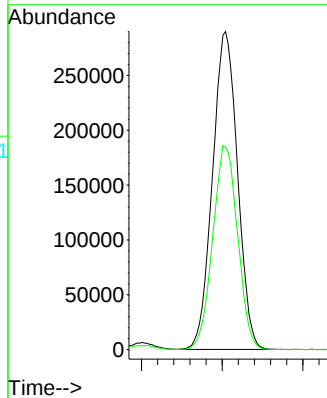
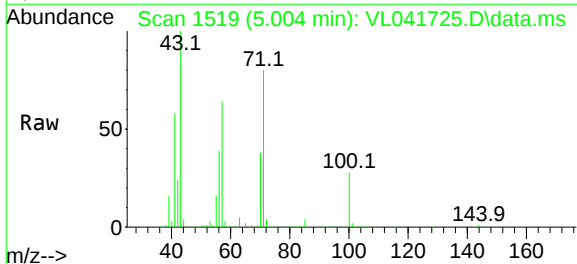
Acq: 11 Dec 2024 17:21

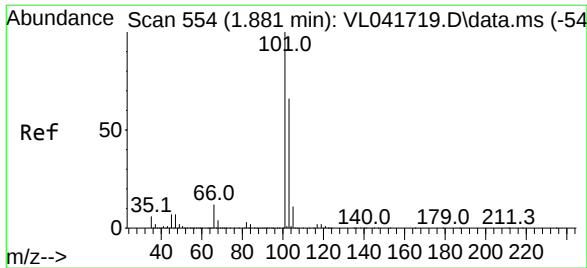
Tgt Ion: 43 Resp: 623852

Ion Ratio Lower Upper

43 100

57 63.9 50.5 75.7

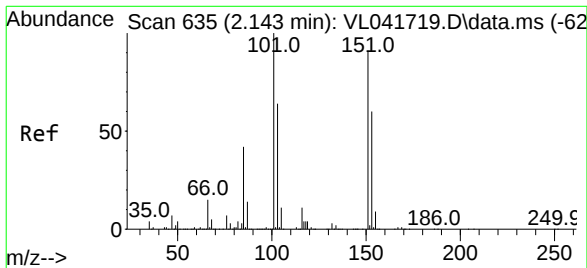
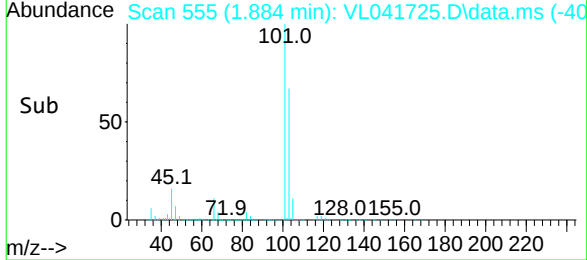
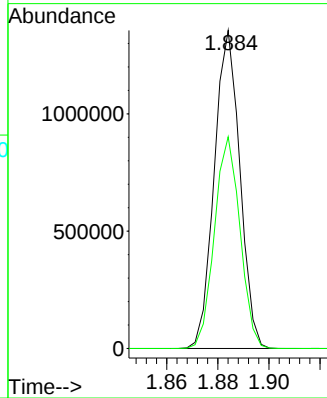
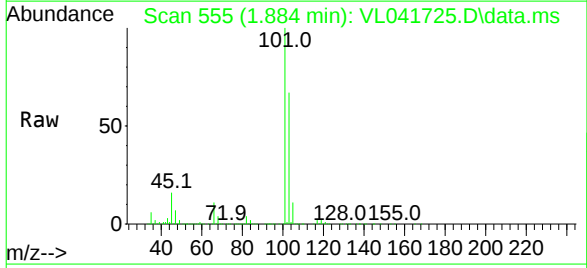




#11
 Trichlorofluoromethane
 Concen: 17.227 ppbv
 RT: 1.884 min Scan# 554
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

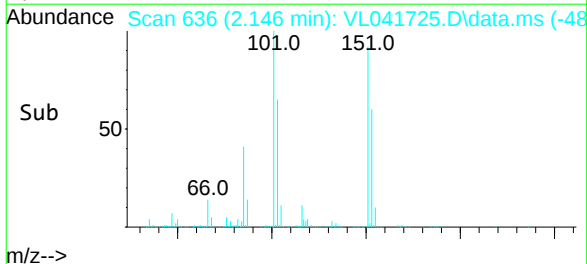
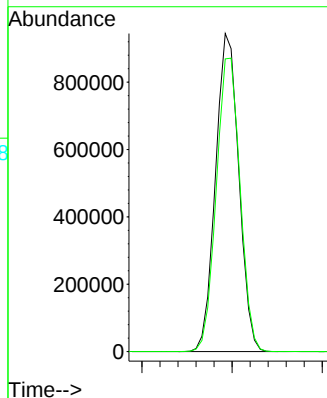
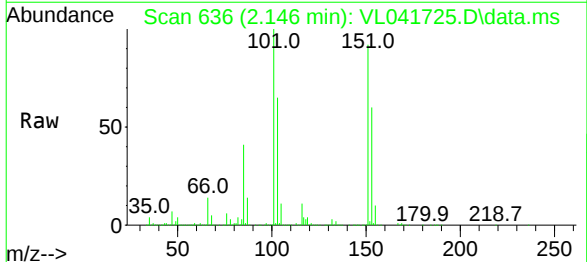
Instrument :
 MSVOA_L
 ClientSampleId :

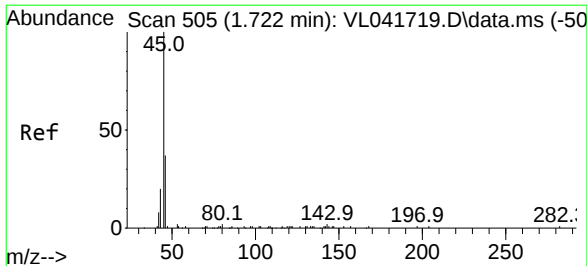
Tgt Ion:101 Resp: 944868
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.143 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

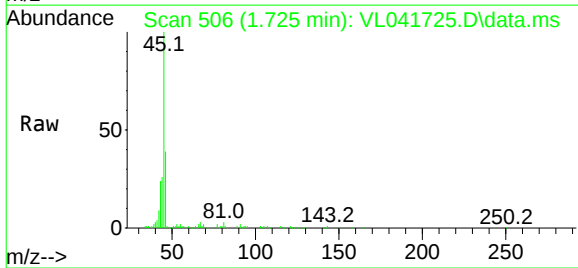
Tgt Ion:101 Resp: 846549
 Ion Ratio Lower Upper
 101 100
 151 94.4 74.4 111.6



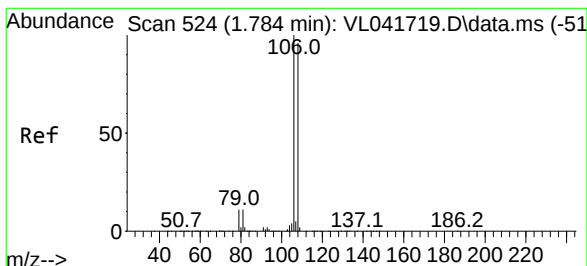
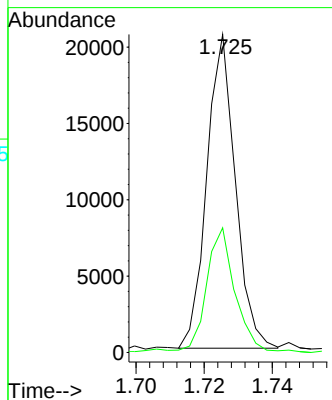
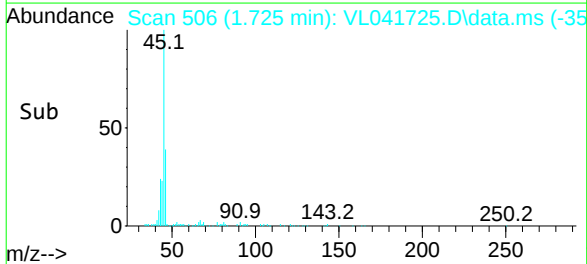


#13
Ethanol
Concen: 9.194 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

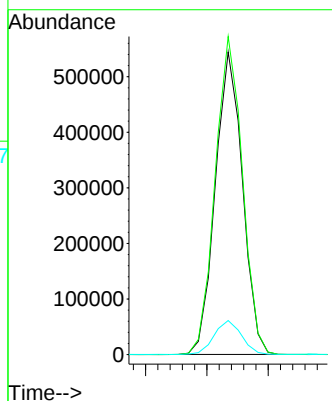
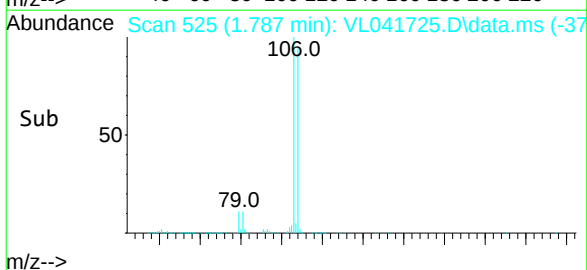
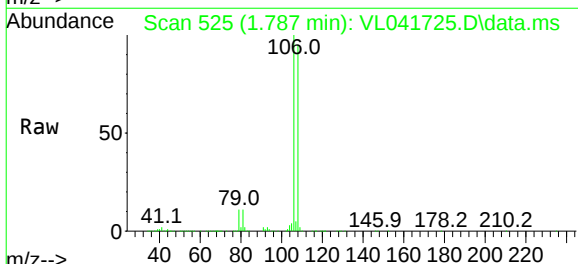


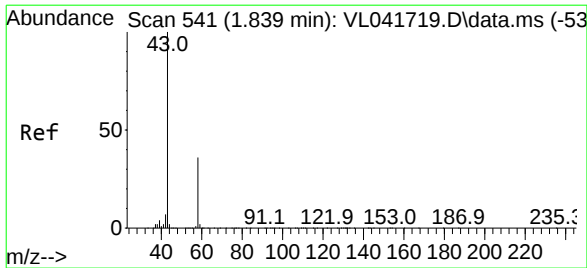
Tgt Ion: 45 Resp: 11979
Ion Ratio Lower Upper
45 100
46 41.4 16.6 66.6



#14
Bromoethene
Concen: 18.521 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

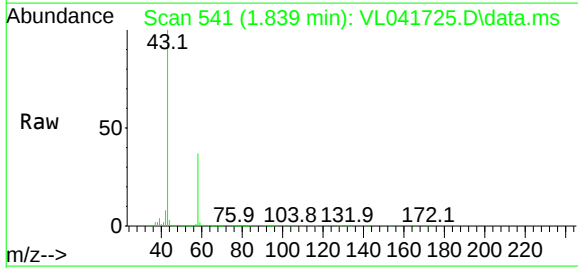
Tgt Ion: 108 Resp: 335233
Ion Ratio Lower Upper
108 100
106 105.6 83.5 125.3
79 11.5 9.3 13.9



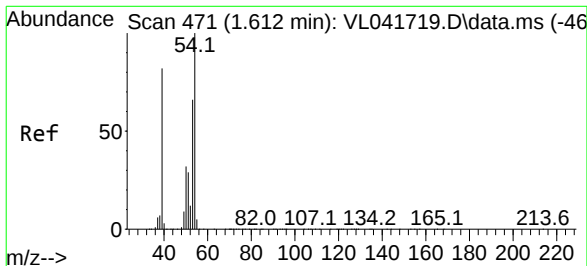
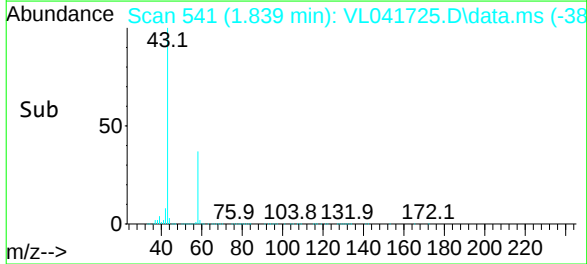
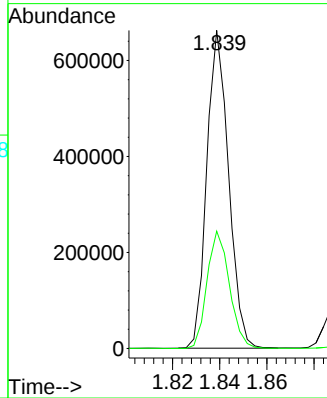


#15
Acetone
Concen: 13.570 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

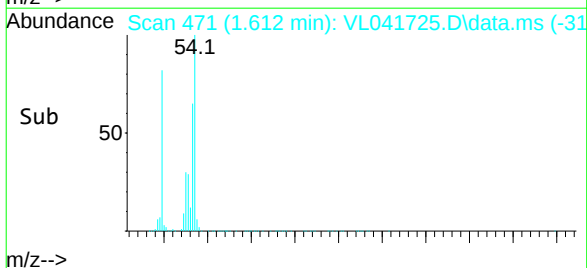
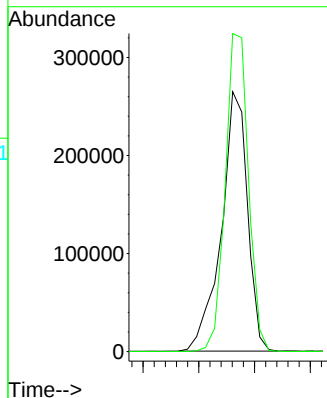
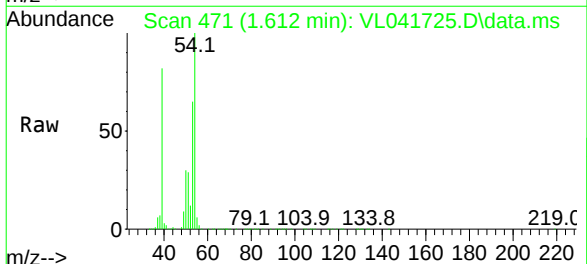


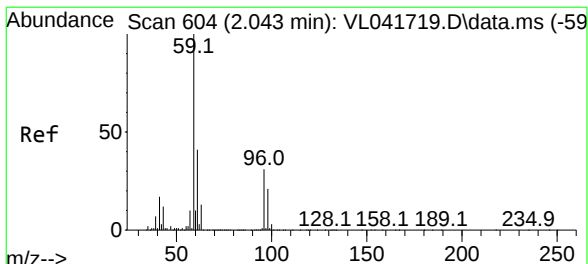
Tgt Ion: 43 Resp: 425150
Ion Ratio Lower Upper
43 100
58 38.1 28.9 43.3



#16
1,3-Butadiene
Concen: 16.393 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

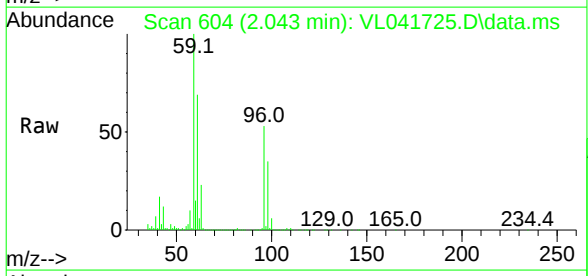
Tgt Ion: 39 Resp: 172296
Ion Ratio Lower Upper
39 100
54 109.1 85.0 127.6





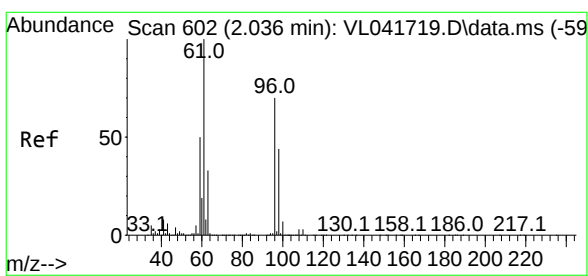
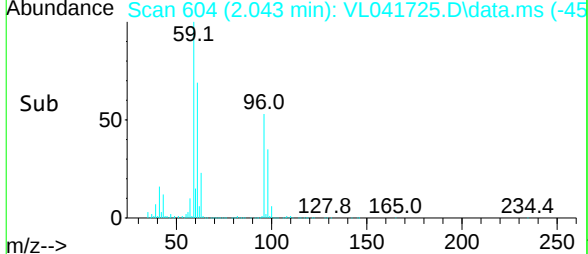
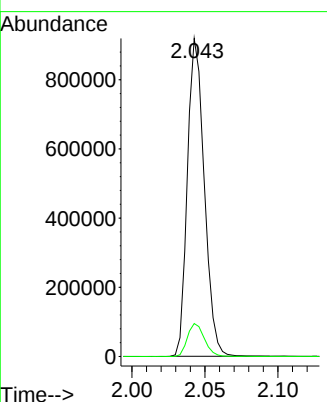
#17
 tert-Butyl alcohol
 Concen: 16.273 ppbv
 RT: 2.043 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 59 Resp: 739165

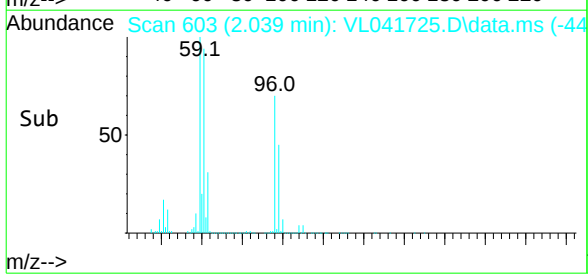
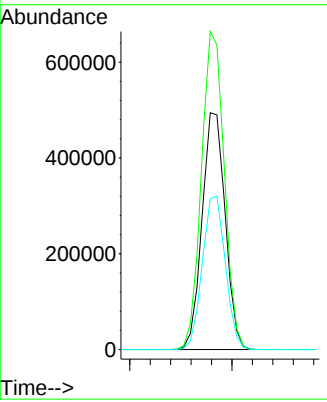
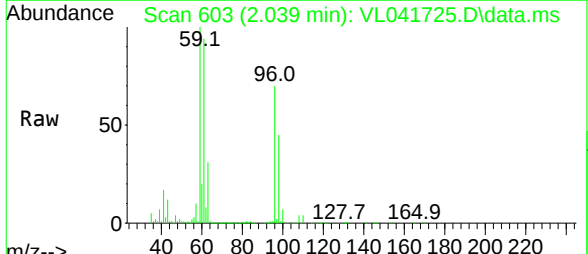
Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

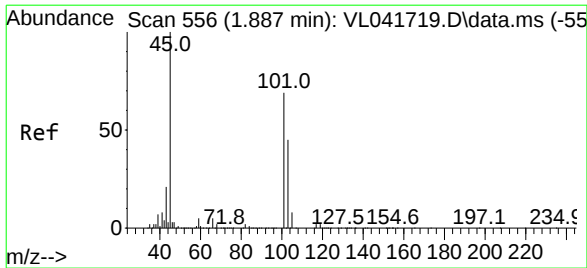


#18
 1,1-Dichloroethene
 Concen: 16.998 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Tgt Ion: 96 Resp: 388096

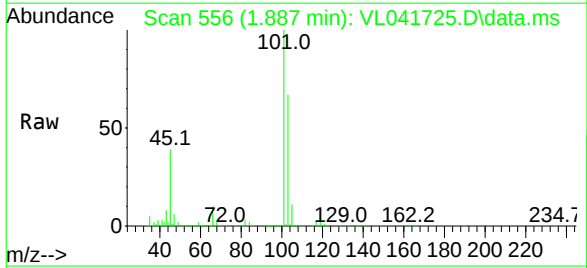
Ion	Ratio	Lower	Upper
96	100		
61	134.3	114.4	171.6
98	63.7	50.6	75.8



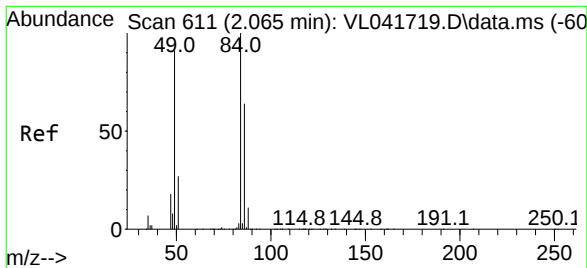
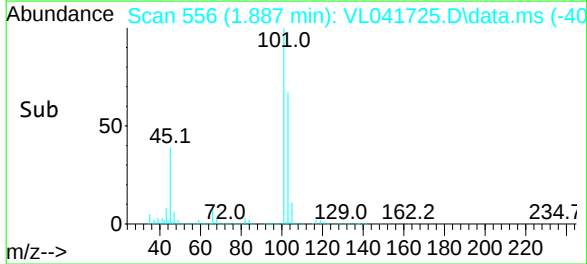
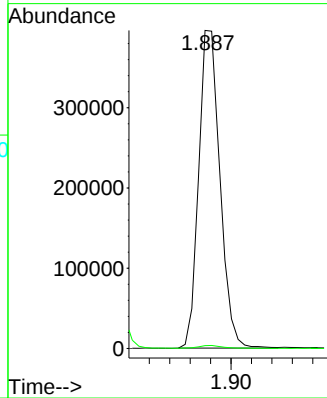


#19
Isopropyl Alcohol
Concen: 9.617 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

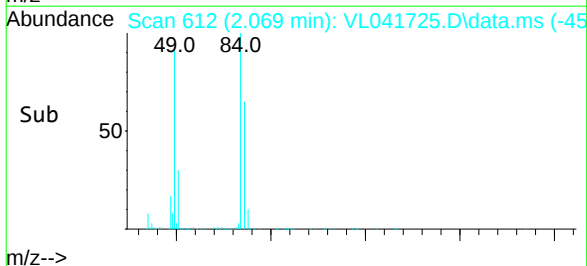
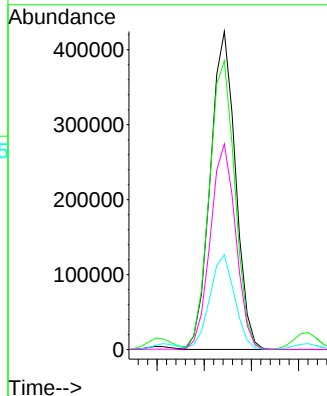
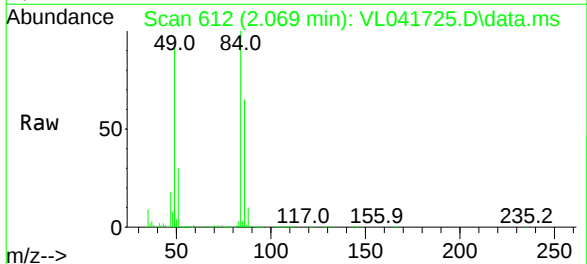


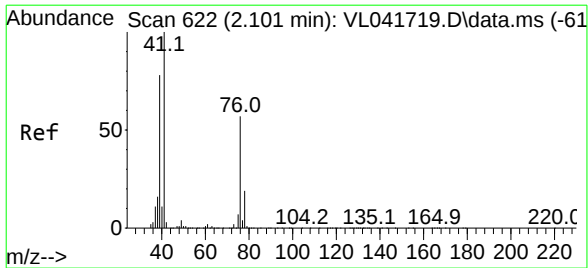
Tgt Ion: 45 Resp: 286200
Ion Ratio Lower Upper
45 100
58 56.6 40.6 61.0



#20
Methylene Chloride
Concen: 16.539 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

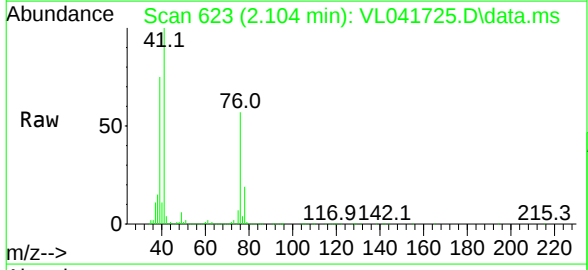
Tgt Ion: 84 Resp: 313879
Ion Ratio Lower Upper
84 100
49 90.5 73.6 110.4
51 29.7 22.7 34.1
86 64.7 51.4 77.0



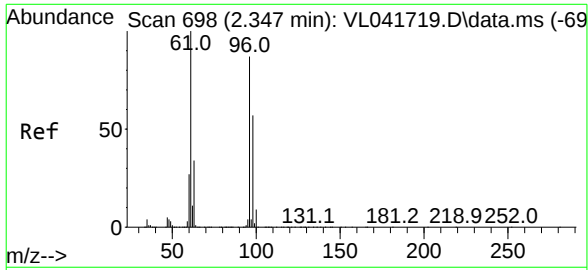
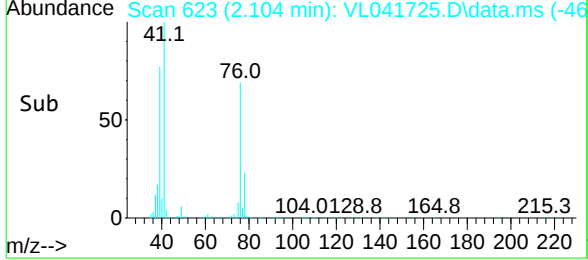
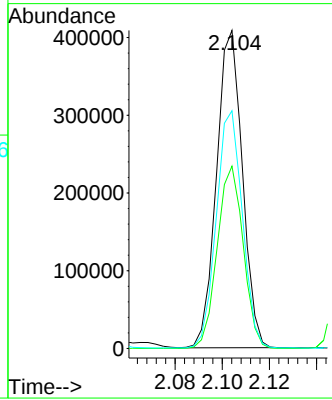


#21
 Allyl Chloride
 Concen: 17.632 ppbv
 RT: 2.104 min Scan# 621
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :

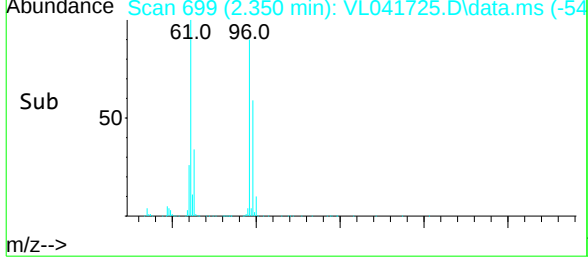
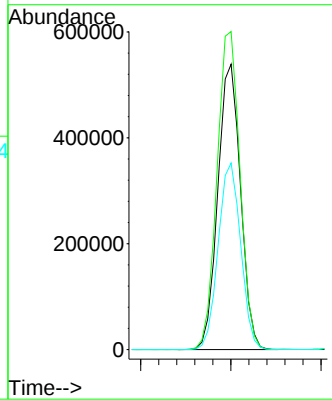
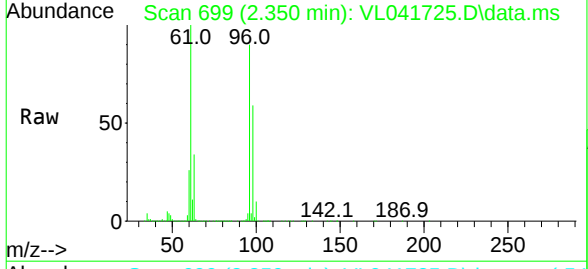


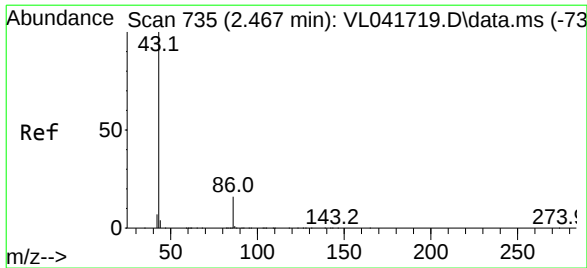
Tgt Ion:	41	Resp:	311066
Ion	Ratio	Lower	Upper
41	100		
76	57.8	44.2	66.2
39	75.3	62.8	94.2



#22
 trans-1,2-Dichloroethene
 Concen: 18.044 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

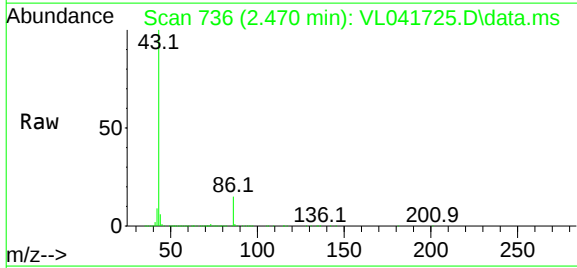
Tgt Ion:	96	Resp:	471621
Ion	Ratio	Lower	Upper
96	100		
61	111.4	91.8	137.6
98	65.4	52.7	79.1



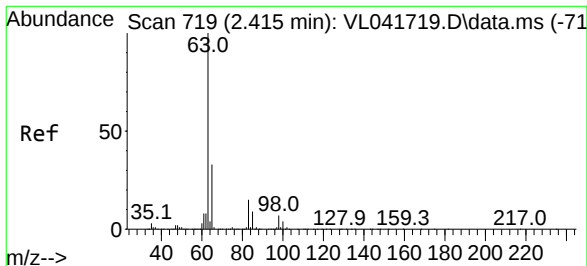
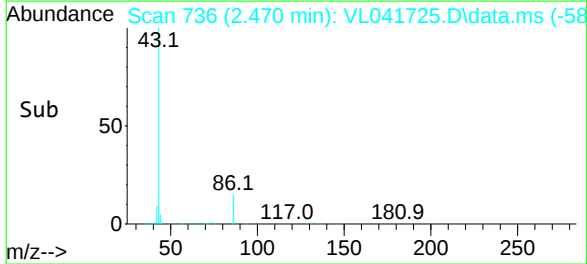
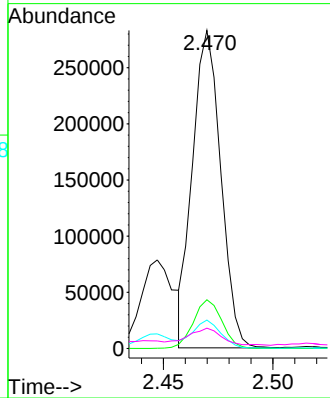


#23
 Vinyl Acetate
 Concen: 13.346 ppbv
 RT: 2.470 min Scan# 73
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :

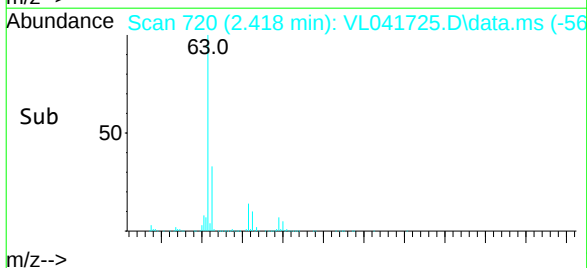
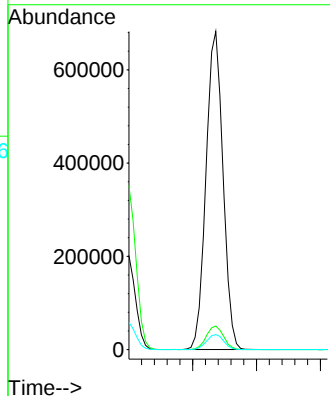
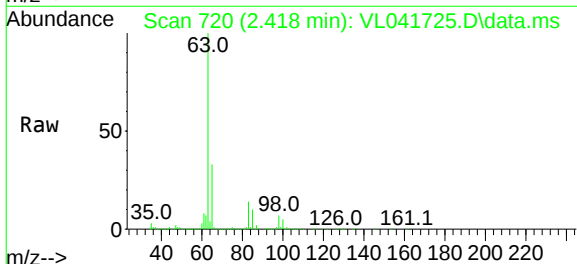


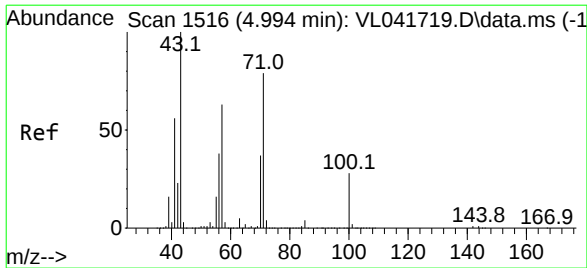
Tgt Ion: 43	Resp: 253214
Ion Ratio	Lower Upper
43 100	
86 15.3	11.5 17.3
42 8.9	6.6 10.0
44 5.1	4.1 6.1



#24
 1,1-Dichloroethane
 Concen: 17.801 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

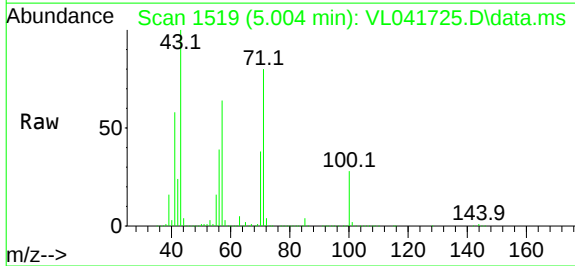
Tgt Ion: 63	Resp: 628058
Ion Ratio	Lower Upper
63 100	
98 7.4	3.6 10.8
100 4.7	2.3 6.8



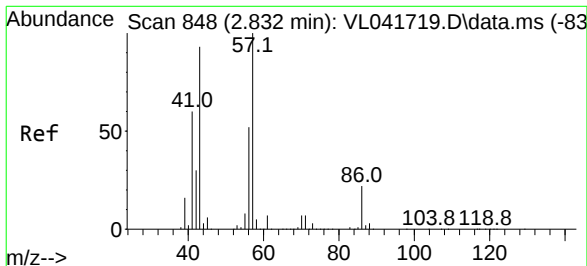
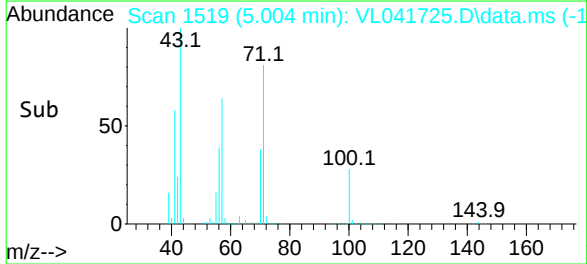
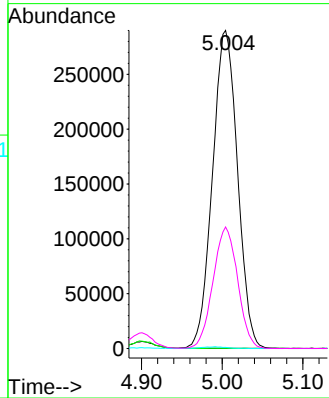


#25
Ethyl Acetate
Concen: 14.325 ppbv
RT: 5.004 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

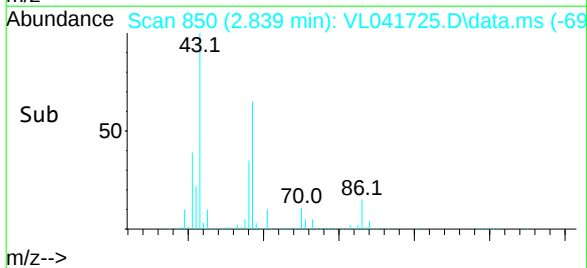
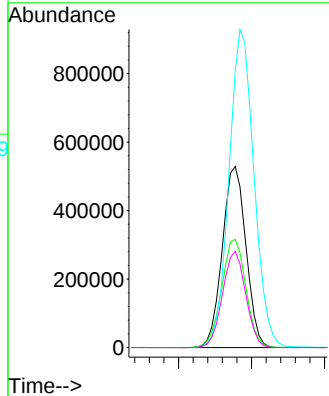
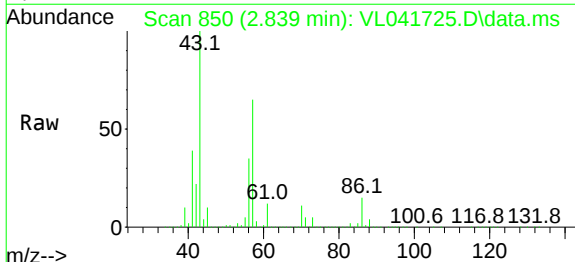


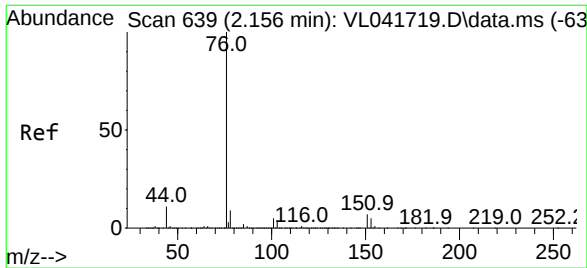
Tgt Ion: 43 Resp: 623852
Ion Ratio Lower Upper
43 100
45 0.1 0.0 0.0#
61 0.5 0.4 0.6
70 37.7 29.4 44.2



#26
Hexane
Concen: 14.098 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

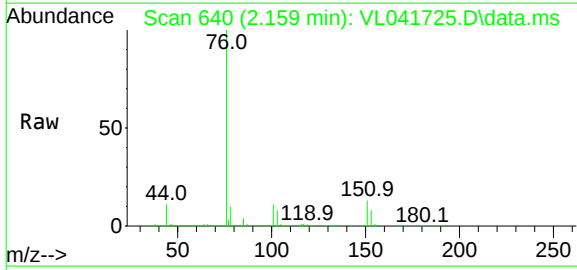
Tgt Ion: 57 Resp: 595417
Ion Ratio Lower Upper
57 100
41 61.6 49.5 74.3
43 186.3 150.6 225.8
56 52.1 41.6 62.4



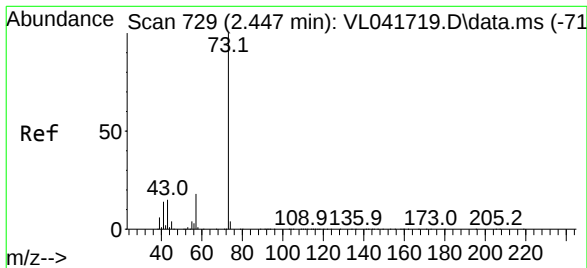
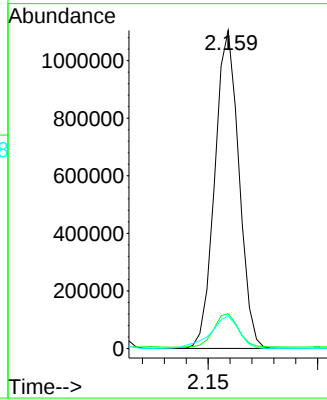
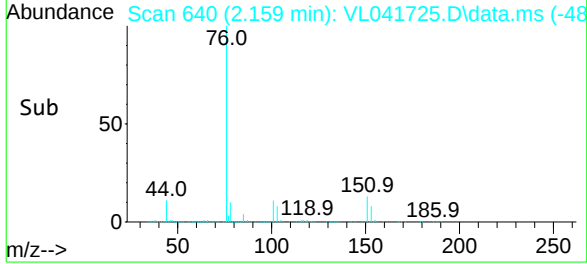


#27
Carbon Disulfide
Concen: 19.454 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

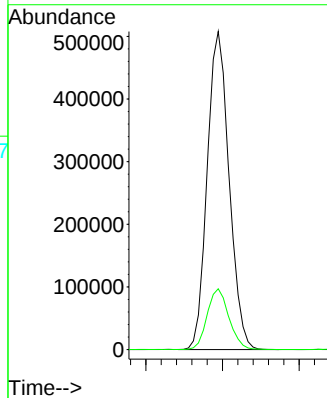
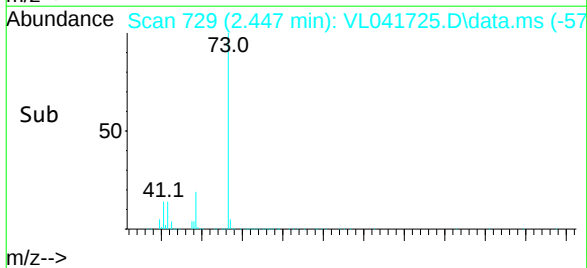
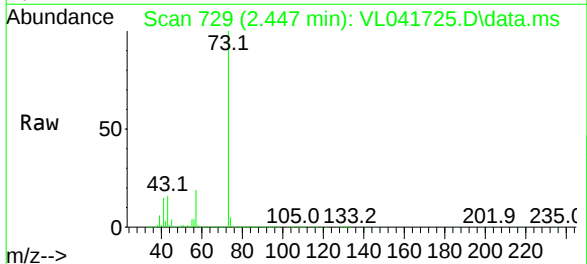


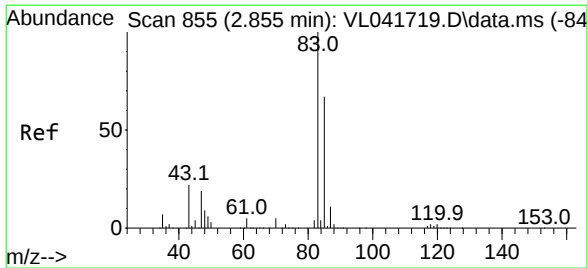
Tgt Ion: 76 Resp: 845886
Ion Ratio Lower Upper
76 100
44 11.2 9.4 14.0
78 12.0 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 15.875 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 73 Resp: 503238
Ion Ratio Lower Upper
73 100
57 19.0 15.3 22.9





#29

Chloroform

Concen: 14.232 ppbv

RT: 2.858 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

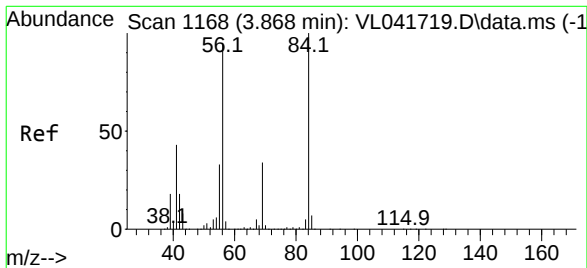
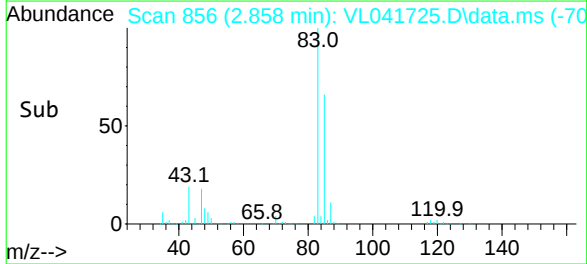
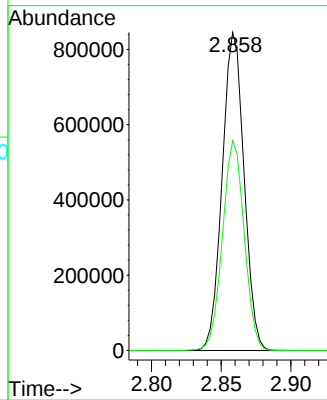
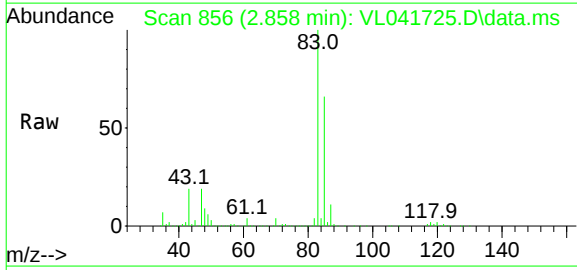
ClientSampleId :

Tgt Ion: 83 Resp: 920141

Ion Ratio Lower Upper

83 100

85 66.0 53.6 80.4



#30

Cyclohexane

Concen: 14.539 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

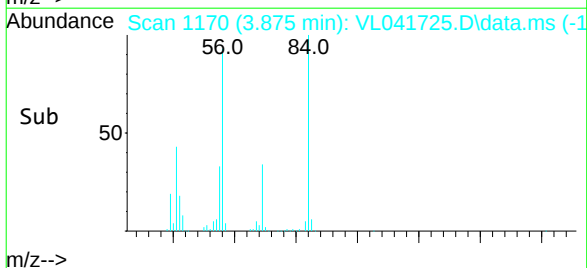
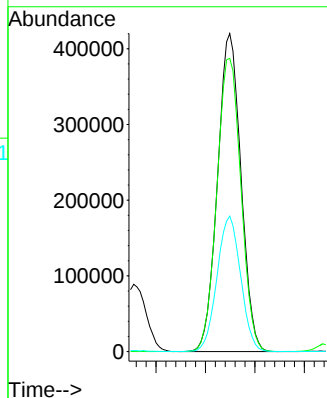
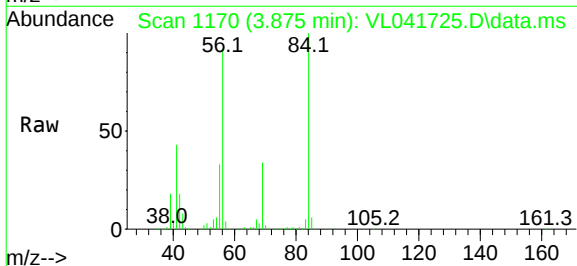
Tgt Ion: 84 Resp: 690006

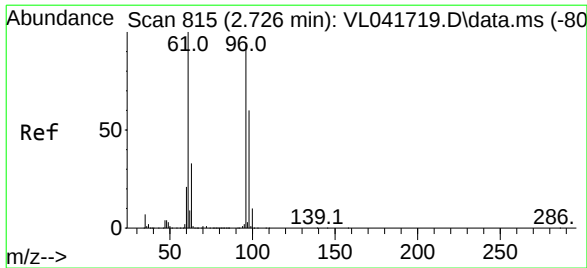
Ion Ratio Lower Upper

84 100

56 94.9 76.0 114.0

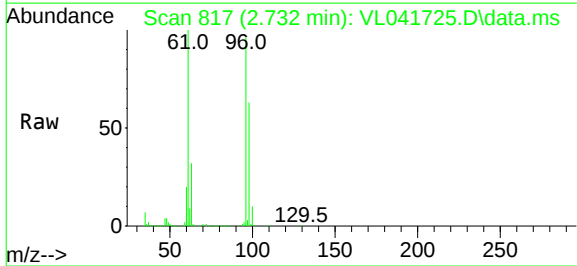
41 42.9 34.2 51.4



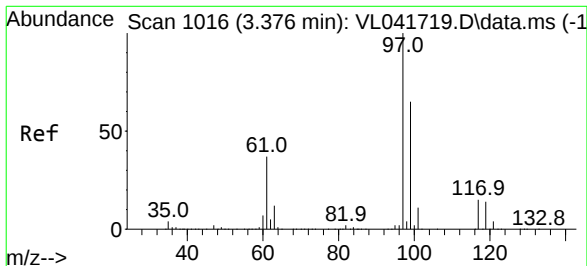
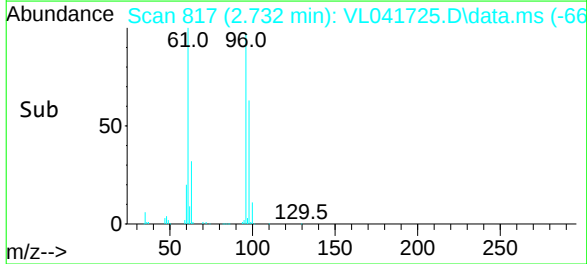
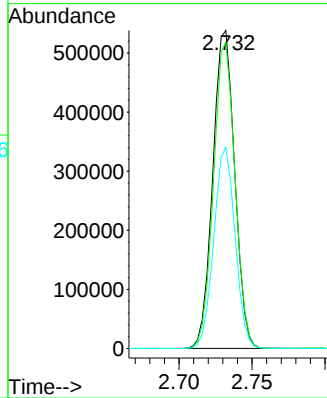


#31
 cis-1,2-Dichloroethene
 Concen: 14.309 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :

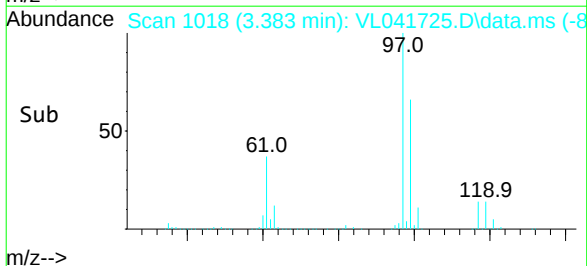
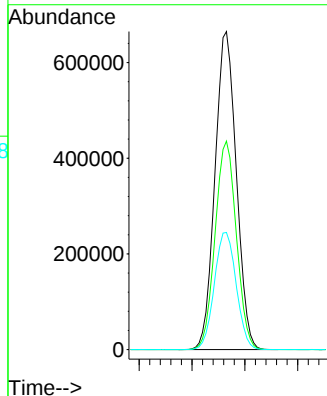
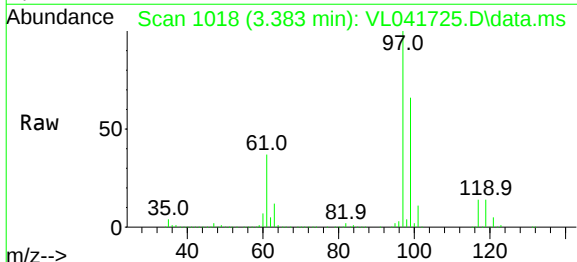


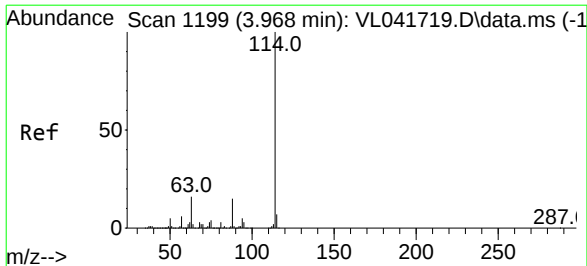
Tgt Ion: 61 Resp: 560017
 Ion Ratio Lower Upper
 61 100
 96 96.2 75.4 113.2
 98 63.2 48.3 72.5



#32
 1,1,1-Trichloroethane
 Concen: 14.665 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.006 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

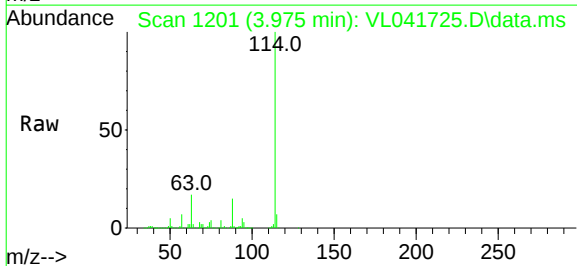
Tgt Ion: 97 Resp: 932381
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.2 78.2
 61 37.8 29.8 44.8



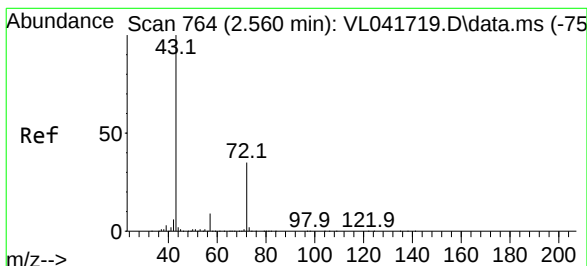
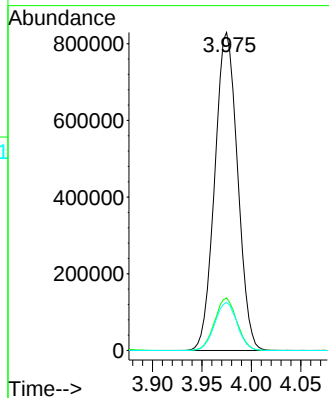
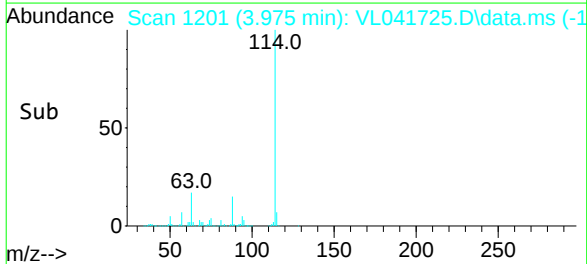


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 12
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

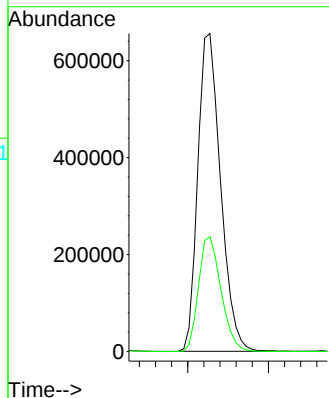
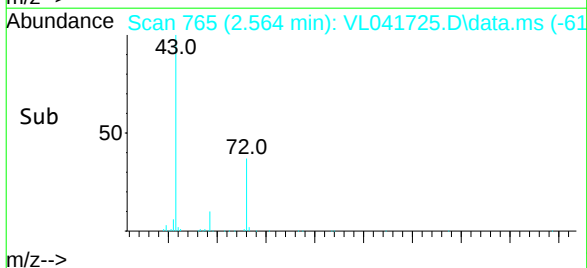
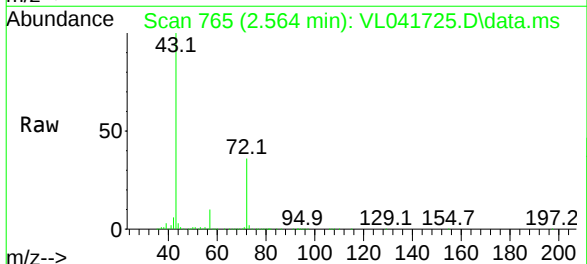


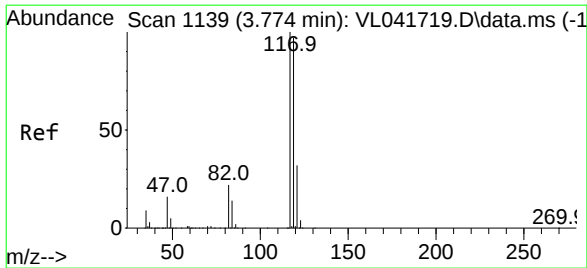
Tgt Ion:114 Resp: 1332176
Ion Ratio Lower Upper
114 100
63 16.1 12.9 19.3
88 14.8 11.8 17.6



#34
2-Butanone
Concen: 13.768 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 43 Resp: 642196
Ion Ratio Lower Upper
43 100
72 35.7 28.3 42.5





#35

Carbon Tetrachloride

Concen: 15.944 ppbv

RT: 3.781 min Scan# 11

Delta R.T. 0.006 min

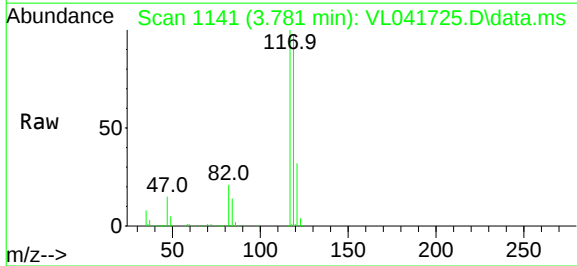
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :



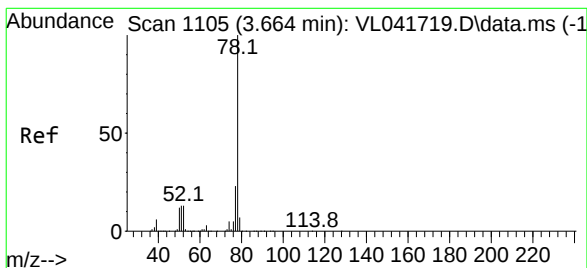
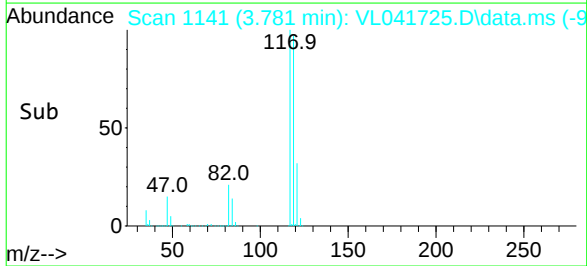
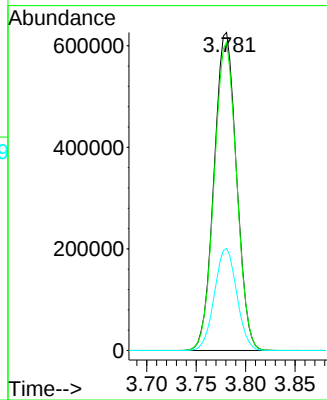
Tgt Ion:117 Resp: 989226

Ion Ratio Lower Upper

117 100

119 96.9 77.7 116.5

121 32.1 25.5 38.3



#36

Benzene

Concen: 14.228 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

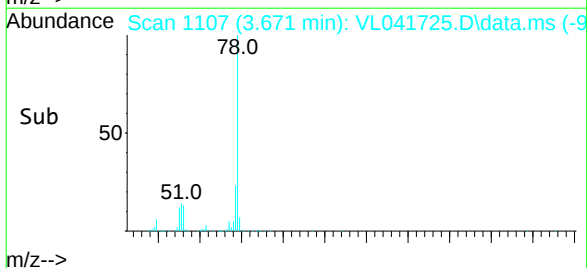
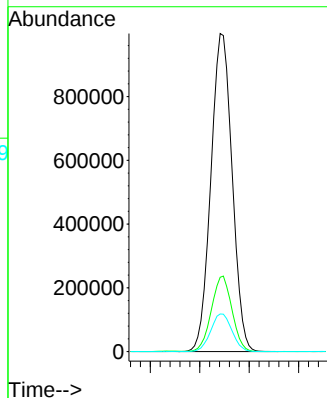
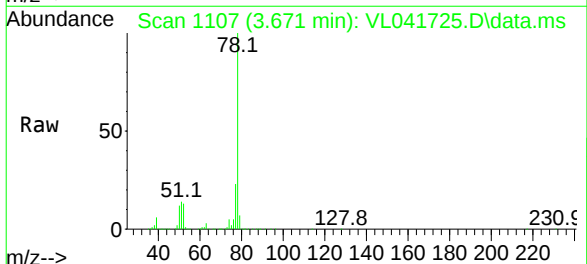
Tgt Ion: 78 Resp: 1490264

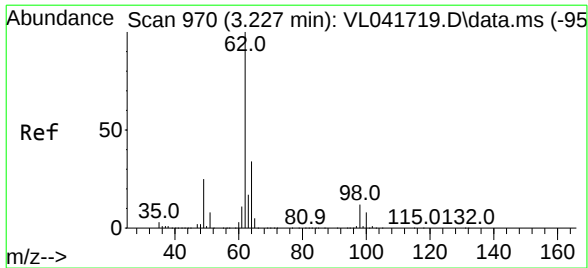
Ion Ratio Lower Upper

78 100

77 23.4 18.6 27.8

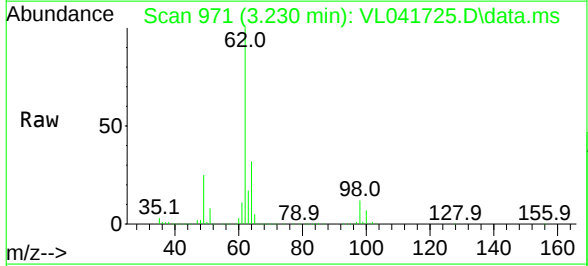
50 11.8 9.5 14.3



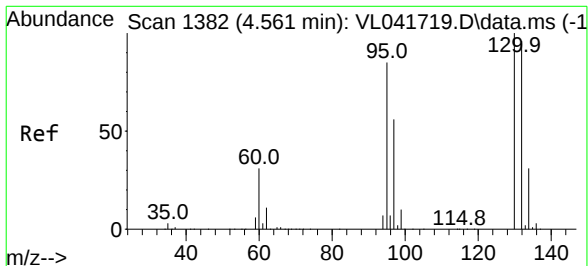
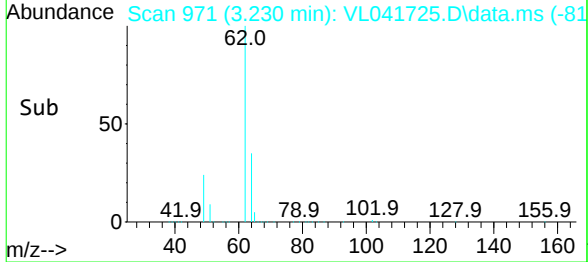
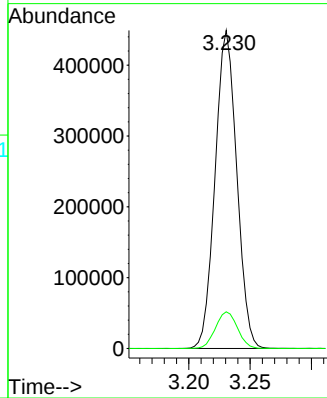


#37
 1,2-Dichloroethane
 Concen: 14.572 ppbv
 RT: 3.230 min Scan# 971
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :

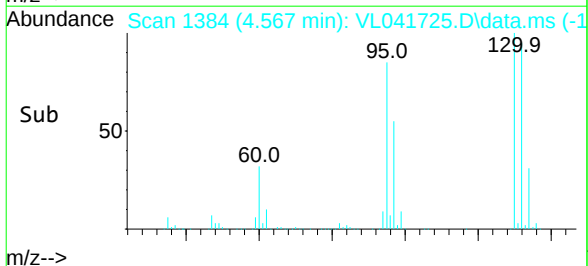
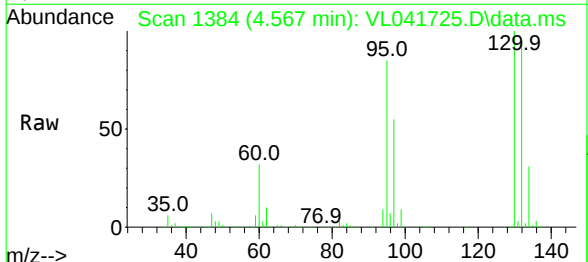
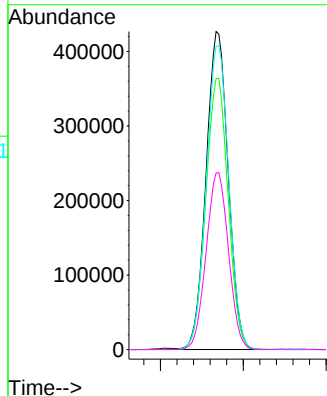


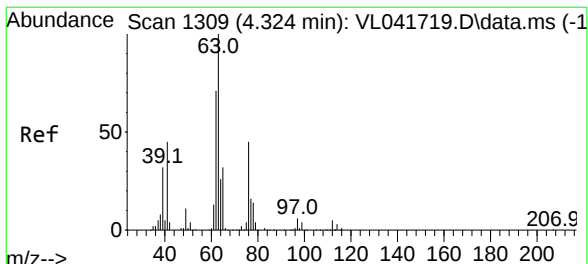
Tgt Ion: 62 Resp: 551376
 Ion Ratio Lower Upper
 62 100
 98 11.8 9.4 14.2



#38
 Trichloroethene
 Concen: 14.625 ppbv
 RT: 4.567 min Scan# 1384
 Delta R.T. 0.006 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

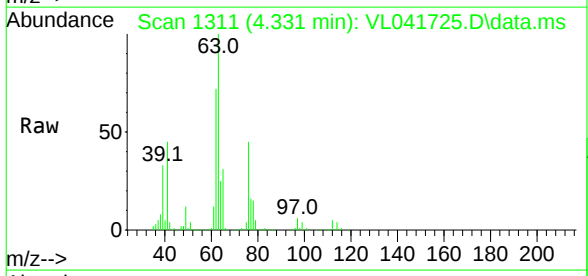
Tgt Ion: 130 Resp: 794408
 Ion Ratio Lower Upper
 130 100
 95 85.2 68.0 102.0
 132 95.3 76.5 114.7
 97 55.4 44.4 66.6





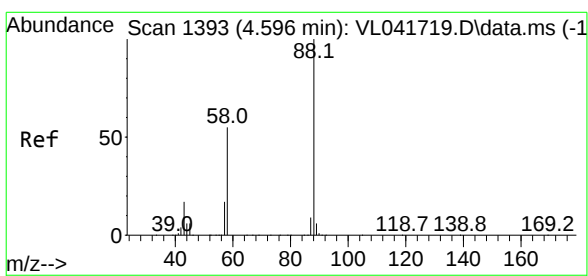
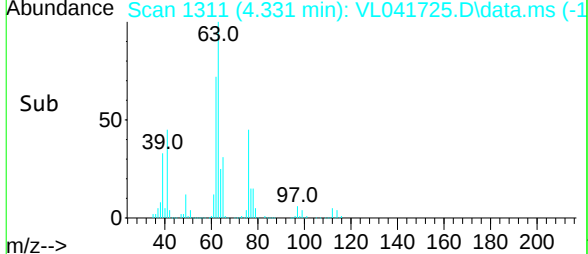
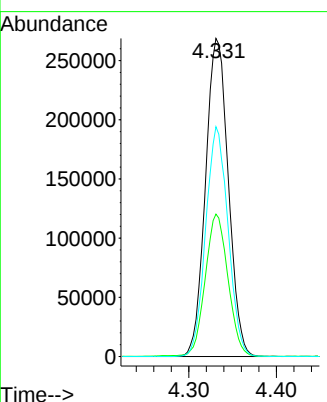
#39
 1,2-Dichloropropane
 Concen: 14.554 ppbv
 RT: 4.331 min Scan# 1309
 Delta R.T. 0.006 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 63 Resp: 485752

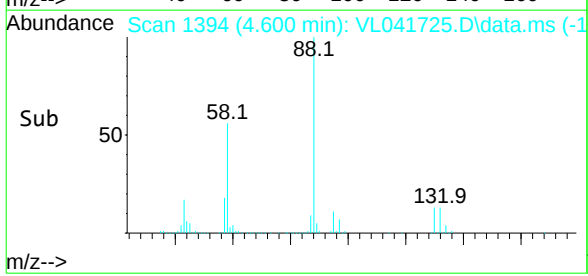
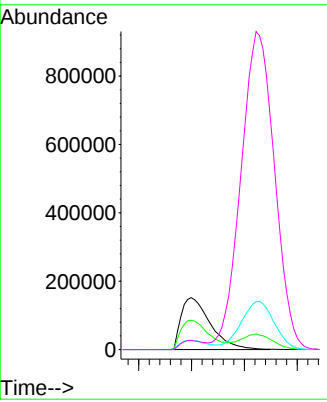
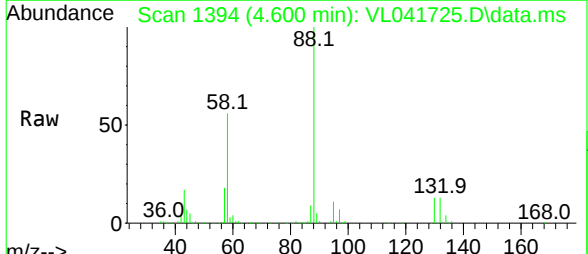
Ion	Ratio	Lower	Upper
63	100		
41	44.7	36.4	54.6
62	72.2	56.6	85.0

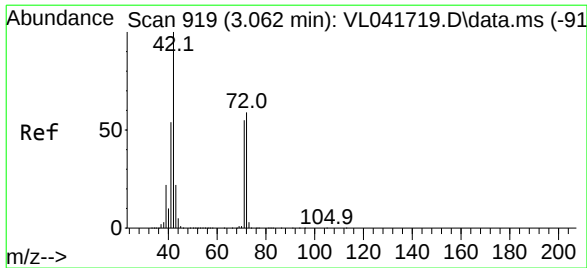


#40
 1,4-Dioxane
 Concen: 14.441 ppbv
 RT: 4.600 min Scan# 1394
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Tgt Ion: 88 Resp: 290806

Ion	Ratio	Lower	Upper
88	100		
58	52.5	45.7	68.5
43	15.5	0.0	0.0#
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 14.486 ppbv

RT: 3.062 min Scan# 91

Delta R.T. 0.000 min

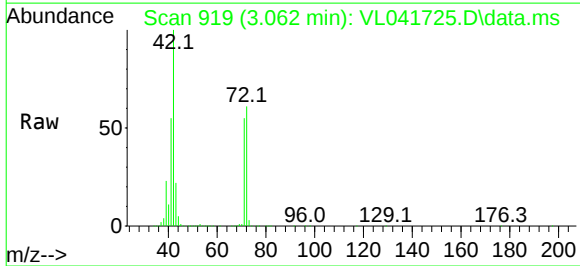
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

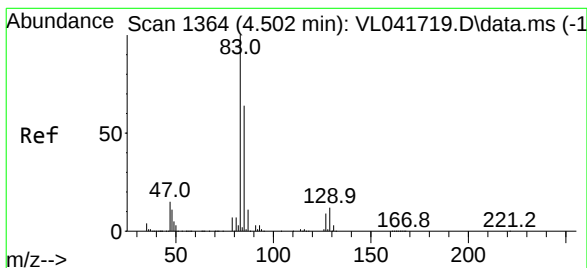
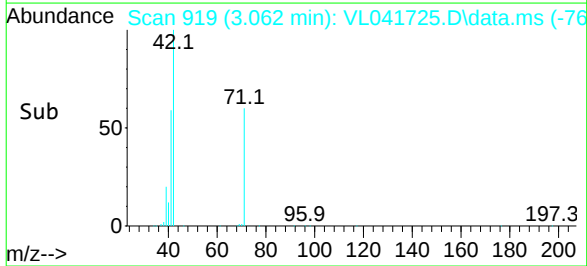
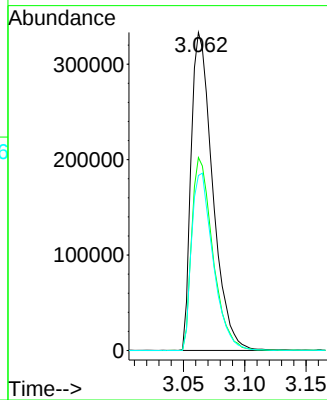
MSVOA_L

ClientSampleId :



Tgt Ion: 42 Resp: 407196

Ion	Ratio	Lower	Upper
42	100		
72	59.4	47.4	71.0
71	55.9	44.4	66.6



#42

Bromodichloromethane

Concen: 15.774 ppbv

RT: 4.509 min Scan# 1366

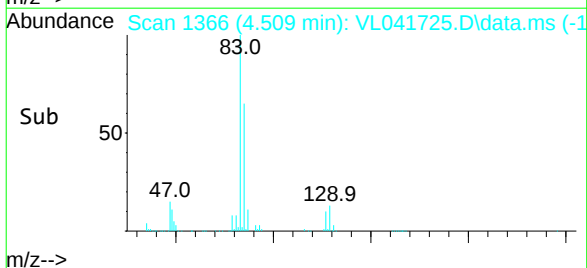
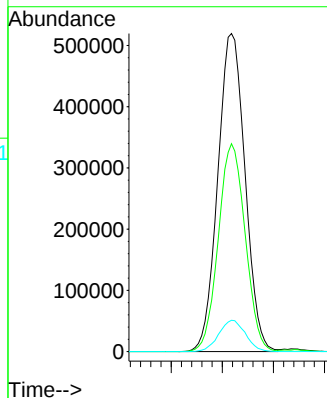
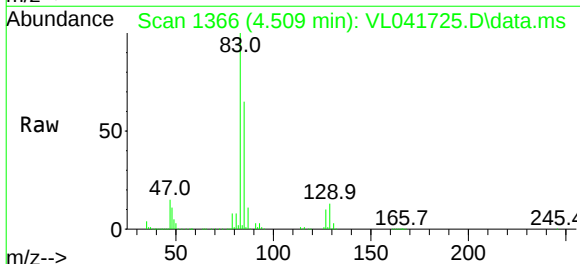
Delta R.T. 0.006 min

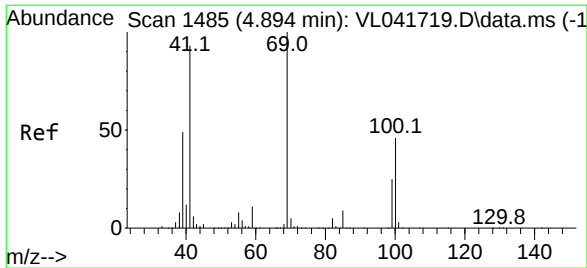
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Tgt Ion: 83 Resp: 963584

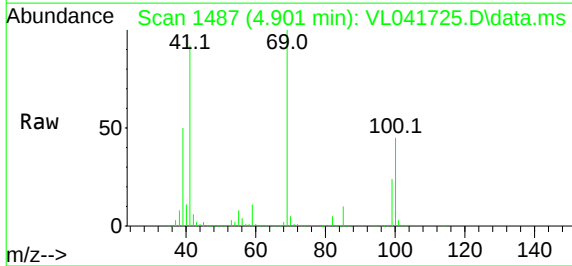
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.0	76.6
127	9.9	7.6	11.4



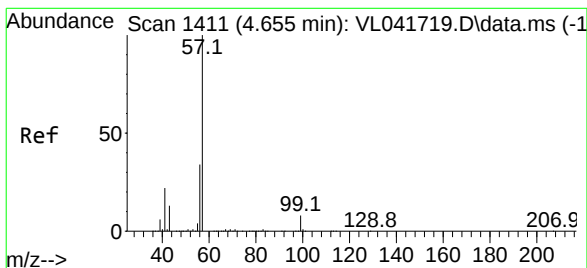
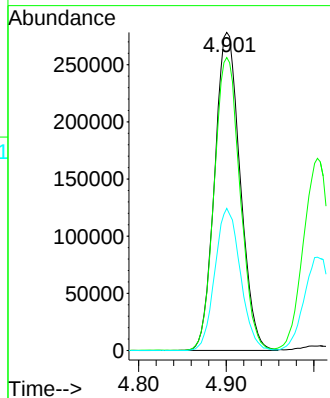
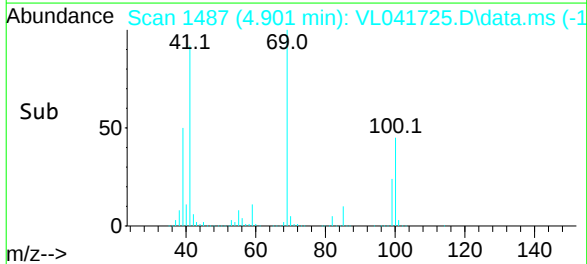


#43
Methyl Methacrylate
Concen: 14.915 ppbv
RT: 4.901 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

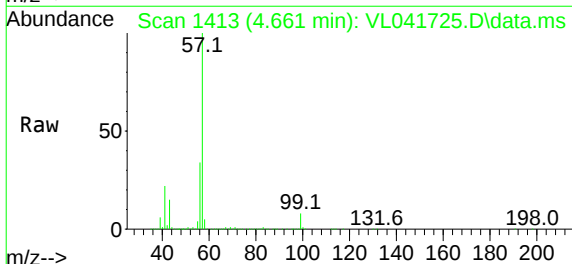
Instrument :
MSVOA_L
ClientSampleId :



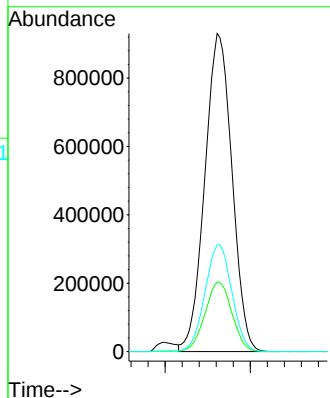
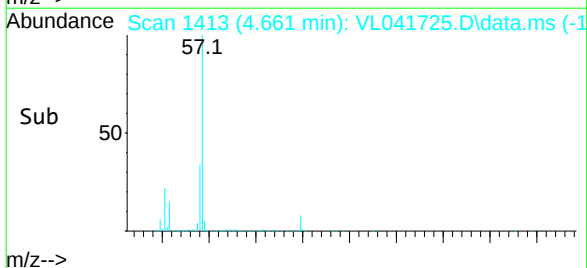
Tgt Ion: 69 Resp: 562691
Ion Ratio Lower Upper
69 100
41 93.2 74.6 112.0
100 44.6 35.5 53.3

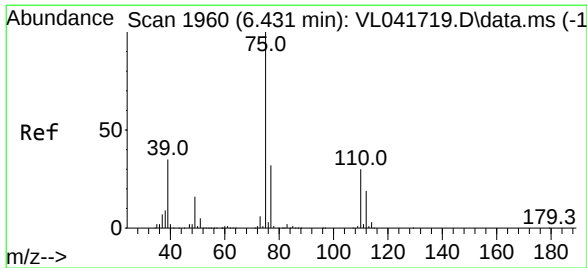


#44
2,2,4-Trimethylpentane
Concen: 14.138 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 57 Resp: 2061284
Ion Ratio Lower Upper
57 100
41 21.8 17.2 25.8
56 33.3 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 15.110 ppbv

RT: 6.438 min Scan# 19

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

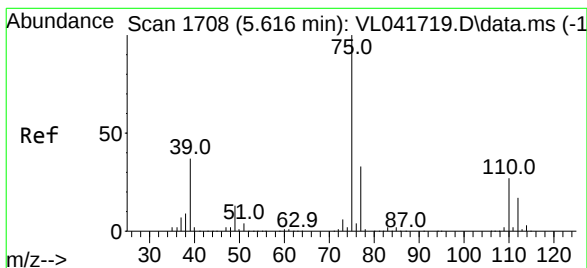
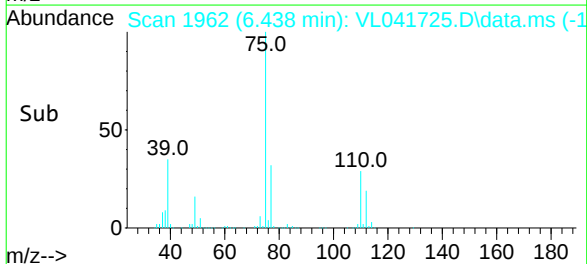
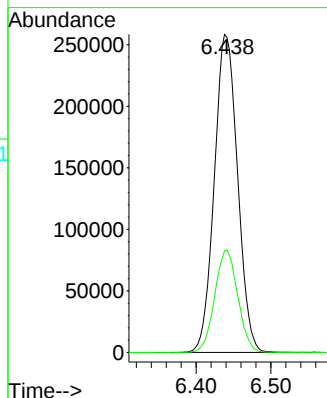
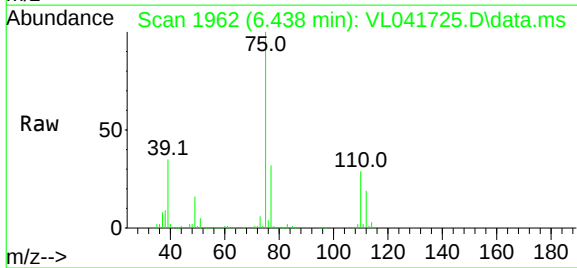
ClientSampleId :

Tgt Ion: 75 Resp: 558104

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 15.333 ppbv

RT: 5.626 min Scan# 1711

Delta R.T. 0.010 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

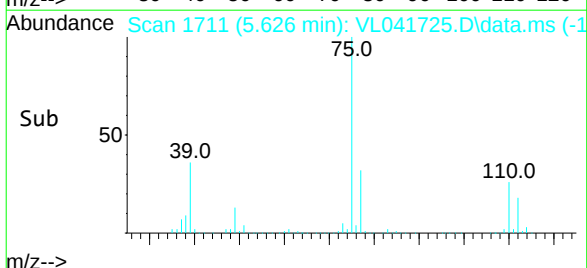
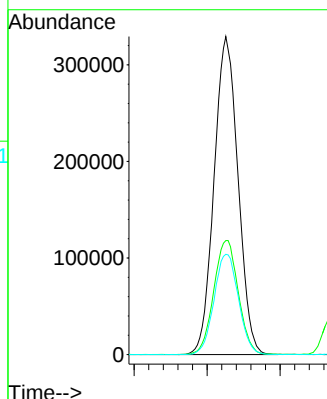
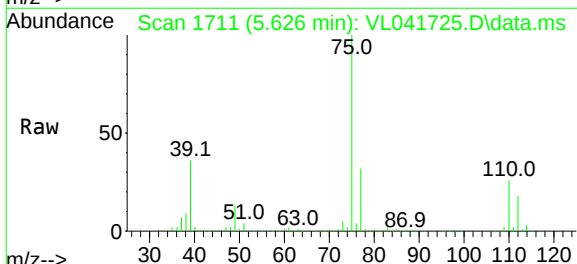
Tgt Ion: 75 Resp: 749534

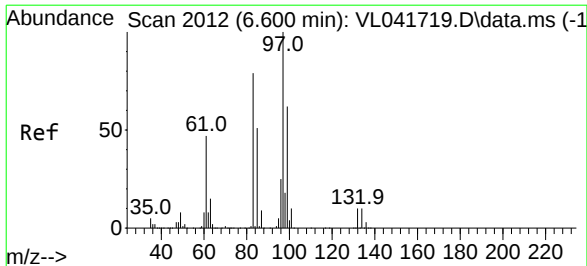
Ion Ratio Lower Upper

75 100

39 35.8 29.8 44.6

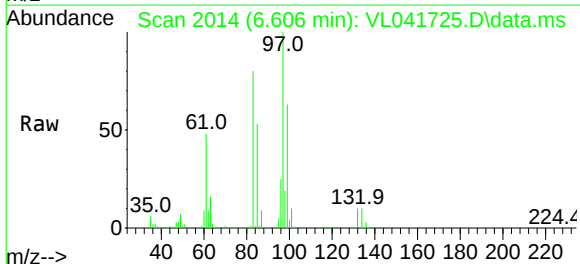
77 31.5 26.2 39.2



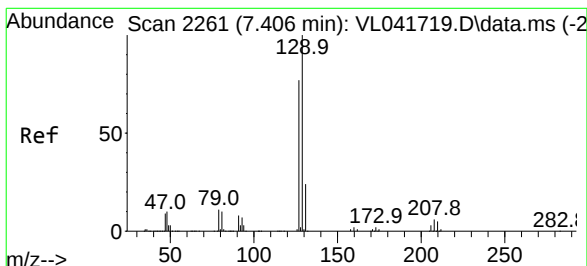
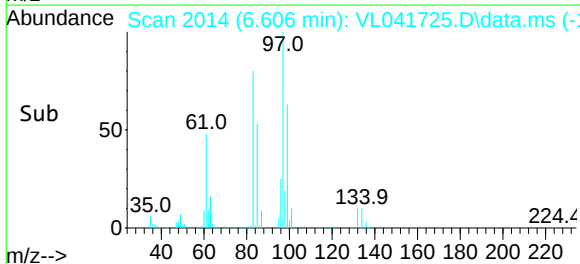
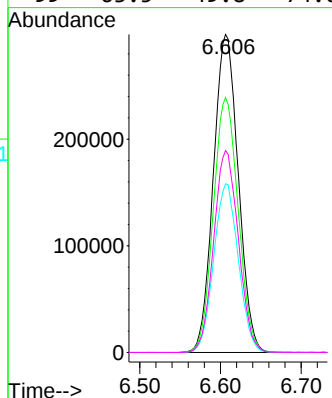


#47
1,1,2-Trichloroethane
Concen: 14.386 ppbv
RT: 6.606 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

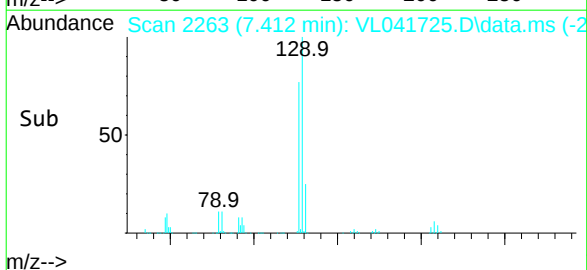
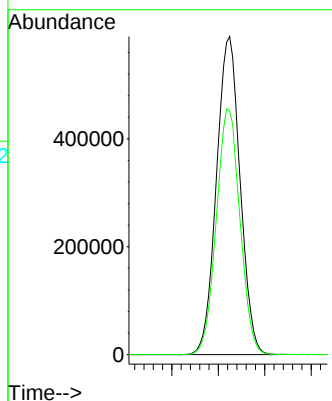
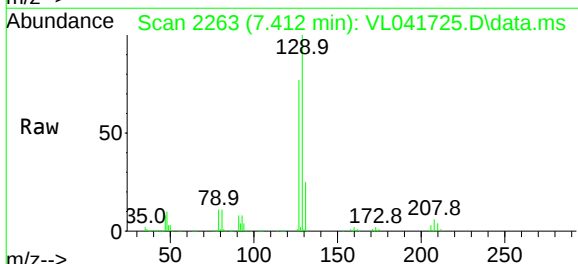


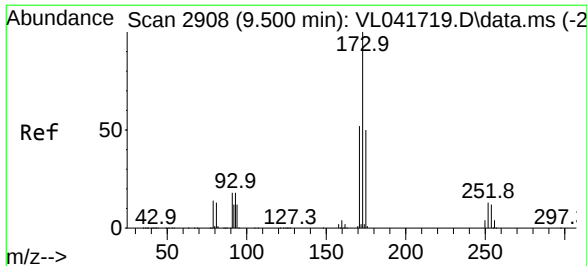
Tgt Ion: 97 Resp: 639329
Ion Ratio Lower Upper
97 100
83 80.1 63.0 94.4
85 53.0 41.0 61.6
99 63.5 49.8 74.6



#48
Dibromochloromethane
Concen: 16.286 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 129 Resp: 1042907
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





#49

Bromoform

Concen: 17.201 ppbv

RT: 9.503 min Scan# 2908

Delta R.T. 0.003 min

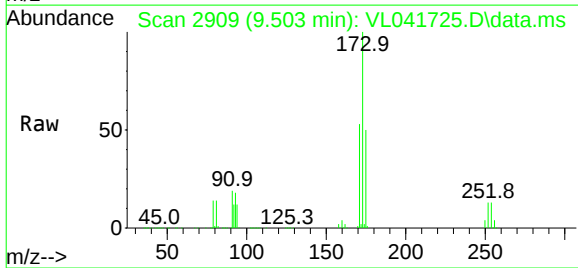
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :



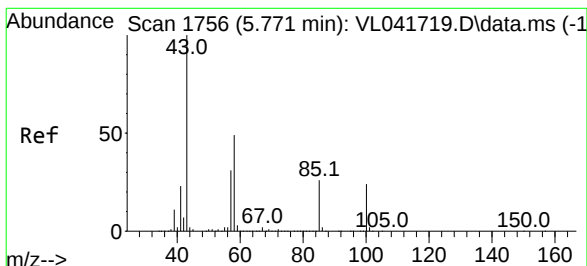
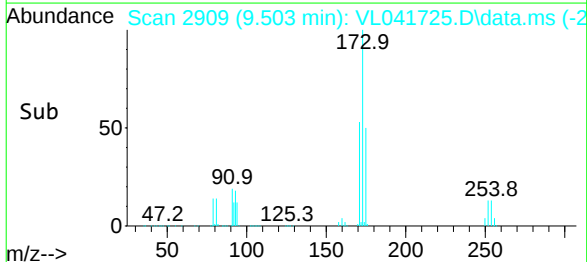
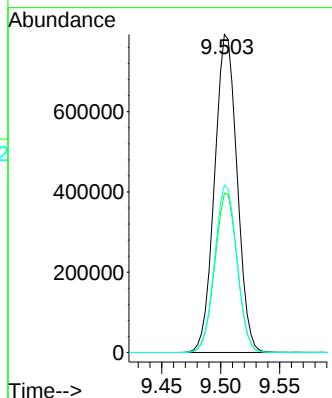
Tgt Ion:173 Resp: 1053854

Ion Ratio Lower Upper

173 100

175 50.1 39.5 59.3

171 52.4 41.4 62.0



#50

4-Methyl-2-Pentanone

Concen: 14.413 ppbv

RT: 5.774 min Scan# 1757

Delta R.T. 0.003 min

Lab File: VL041725.D

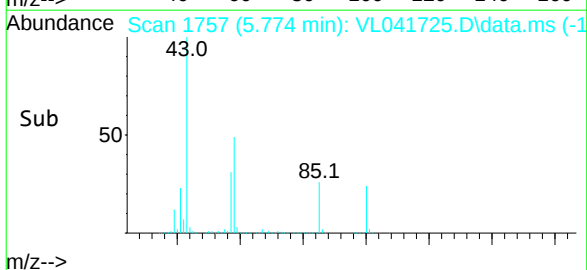
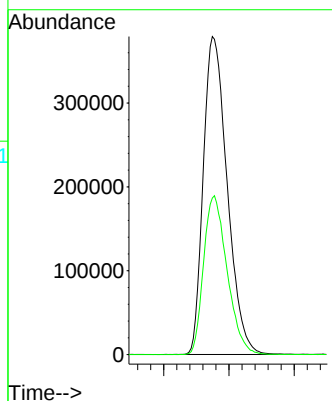
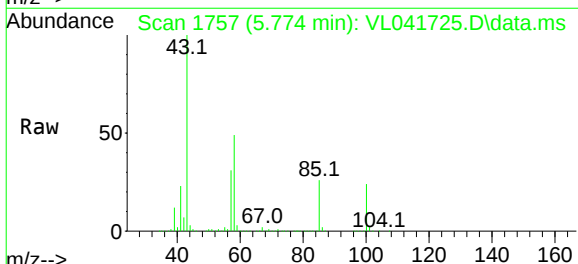
Acq: 11 Dec 2024 17:21

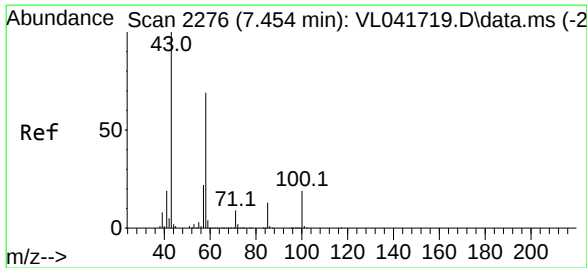
Tgt Ion: 43 Resp: 964314

Ion Ratio Lower Upper

43 100

58 49.2 38.9 58.3





#51

2-Hexanone

Concen: 13.928 ppbv

RT: 7.458 min Scan# 2276

Delta R.T. 0.003 min

Lab File: VL041725.D

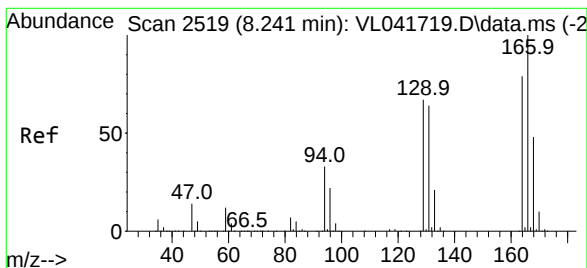
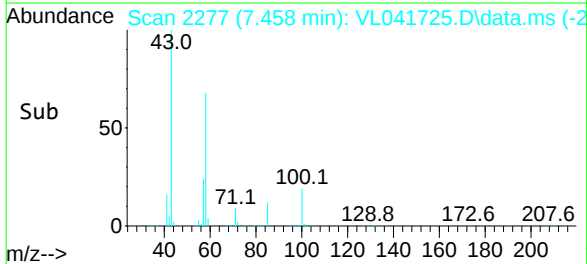
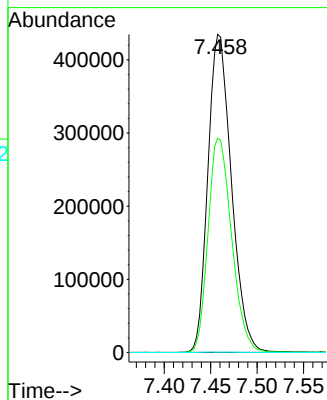
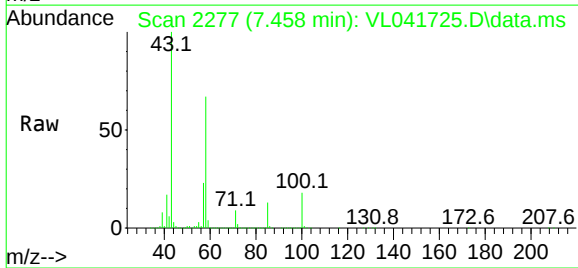
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43	Resp: 766412
Ion Ratio	Lower Upper
43 100	
58 67.7	54.2 81.4
98 0.2	0.2 0.2



#52

Tetrachloroethene

Concen: 14.248 ppbv

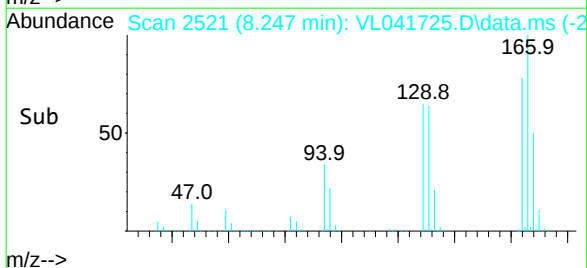
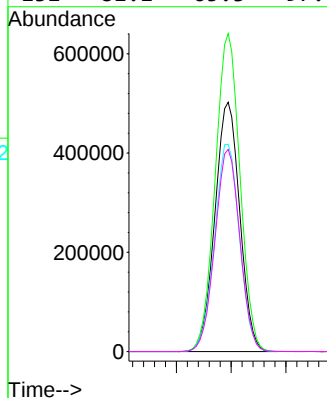
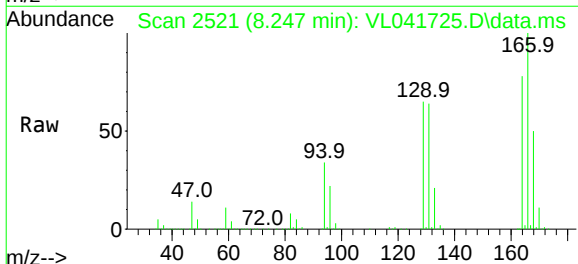
RT: 8.247 min Scan# 2521

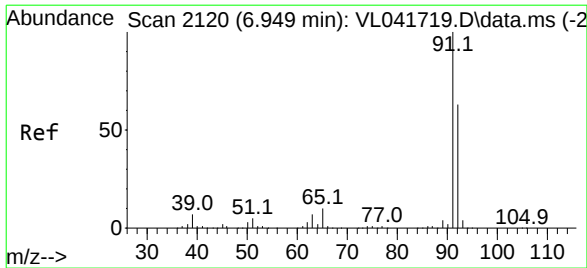
Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Tgt Ion: 164	Resp: 790697
Ion Ratio	Lower Upper
164 100	
166 127.5	101.4 152.0
129 83.1	67.6 101.4
131 81.1	65.3 97.9





#53

Toluene

Concen: 14.307 ppbv

RT: 6.959 min Scan# 2120

Delta R.T. 0.010 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

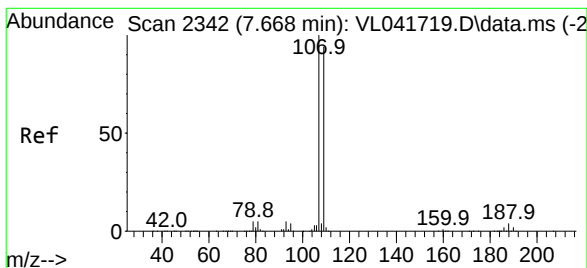
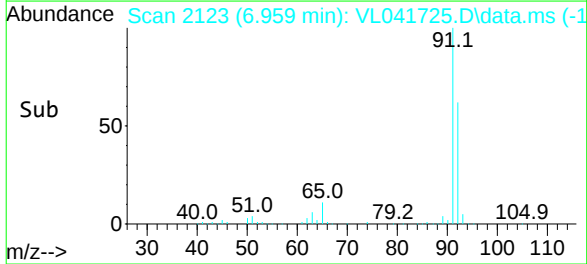
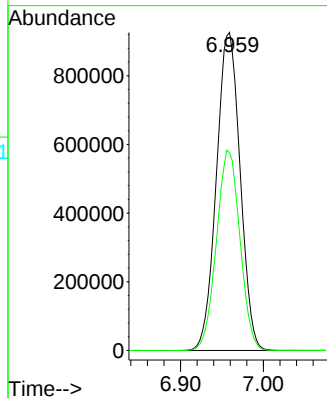
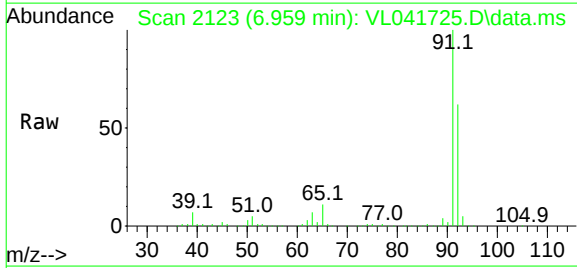
ClientSampleId :

Tgt Ion: 91 Resp: 1841601

Ion Ratio Lower Upper

91 100

92 62.5 49.7 74.5



#54

1,2-Dibromoethane

Concen: 14.873 ppbv

RT: 7.674 min Scan# 2344

Delta R.T. 0.006 min

Lab File: VL041725.D

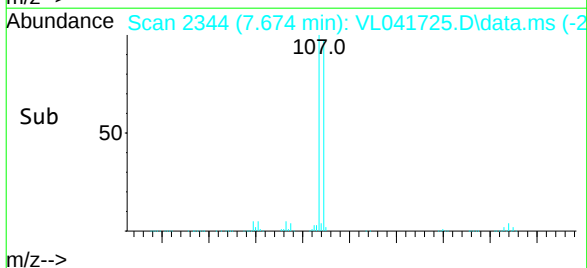
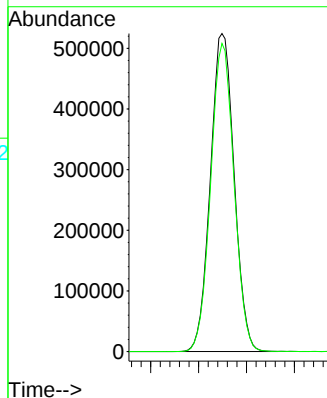
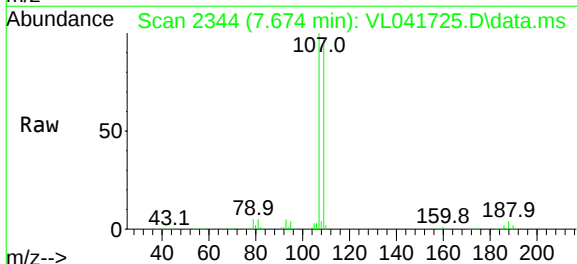
Acq: 11 Dec 2024 17:21

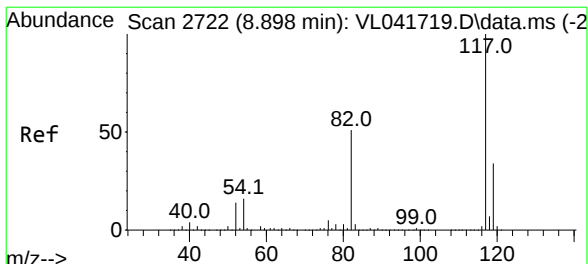
Tgt Ion: 107 Resp: 903522

Ion Ratio Lower Upper

107 100

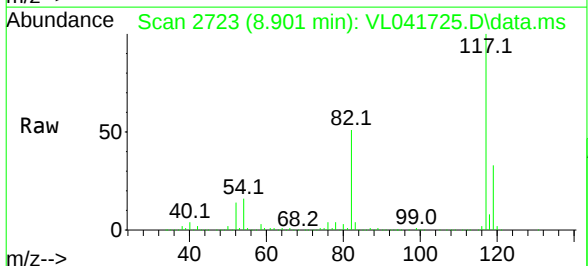
109 96.9 75.5 113.3



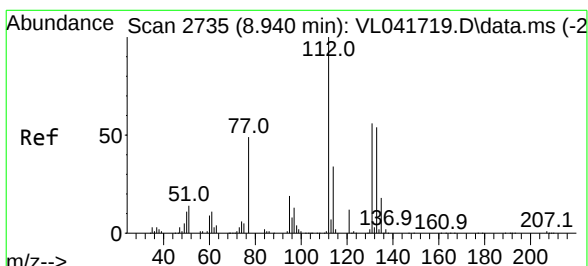
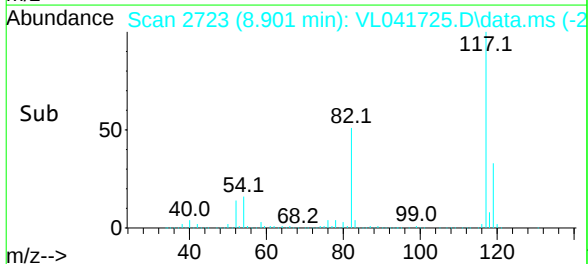
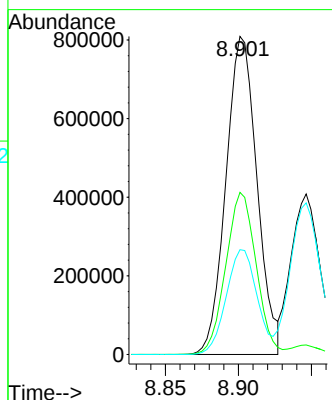


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.901 min Scan# 2722
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :

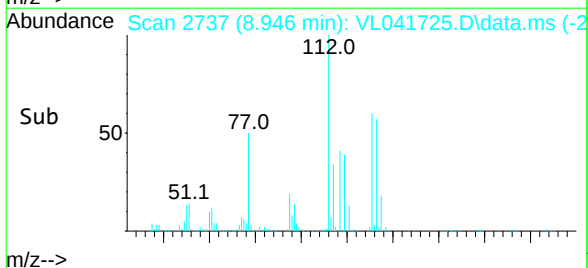
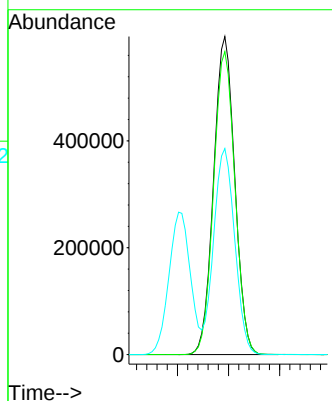
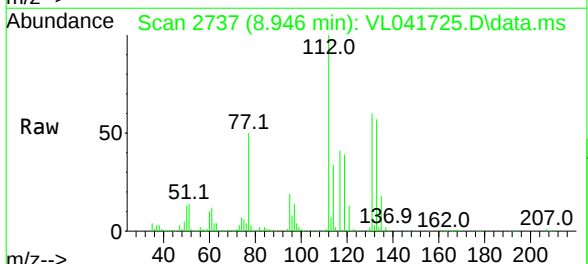


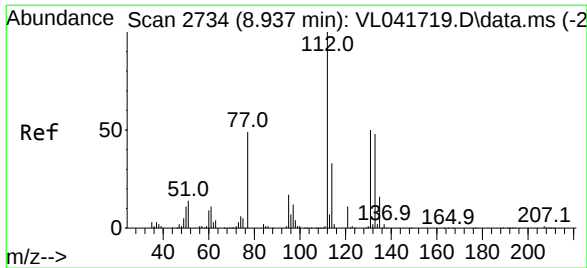
Tgt Ion:117 Resp: 1199960
 Ion Ratio Lower Upper
 117 100
 82 52.5 41.3 61.9
 119 33.9 25.8 38.8



#56
 1,1,1,2-Tetrachloroethane
 Concen: 15.331 ppbv
 RT: 8.946 min Scan# 2737
 Delta R.T. 0.006 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

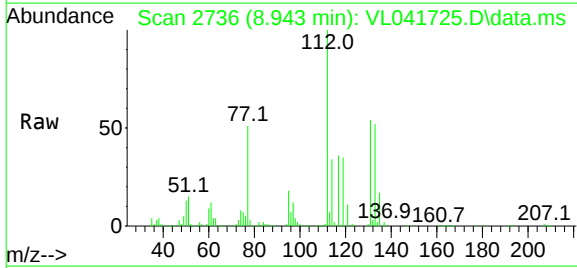
Tgt Ion:131 Resp: 855322
 Ion Ratio Lower Upper
 131 100
 133 96.2 76.9 115.3
 119 63.1 52.6 78.8



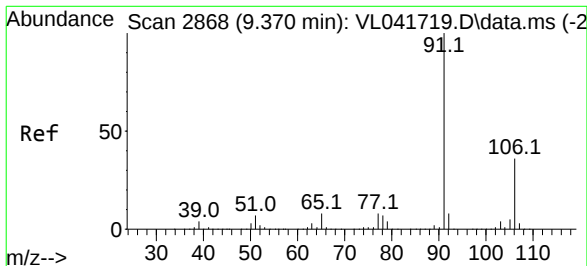
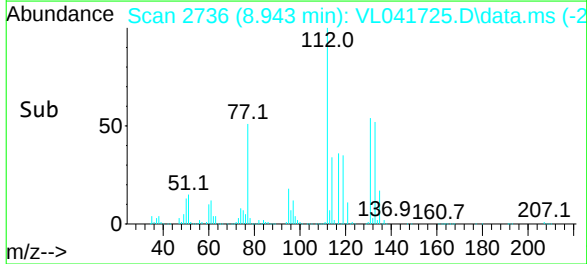
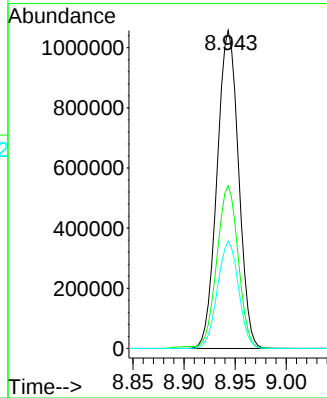


#57
Chlorobenzene
Concen: 14.174 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

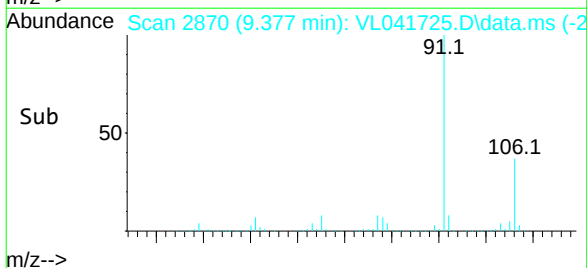
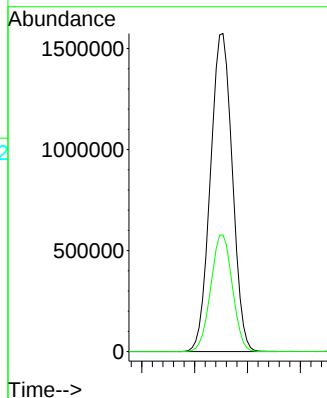
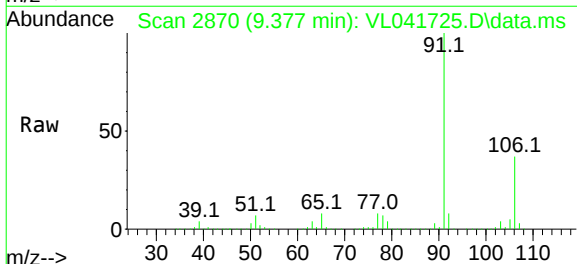


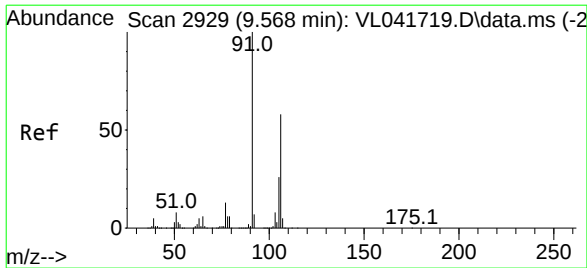
Tgt Ion: 112 Resp: 1547656
Ion Ratio Lower Upper
112 100
77 51.1 40.1 60.1
114 33.8 30.2 36.9



#58
Ethyl Benzene
Concen: 14.138 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 91 Resp: 2270364
Ion Ratio Lower Upper
91 100
106 36.7 28.6 43.0

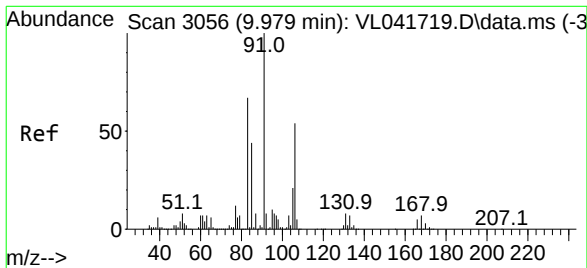
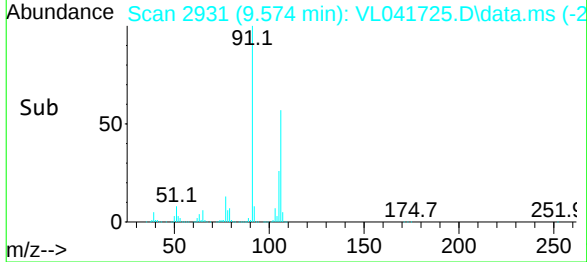
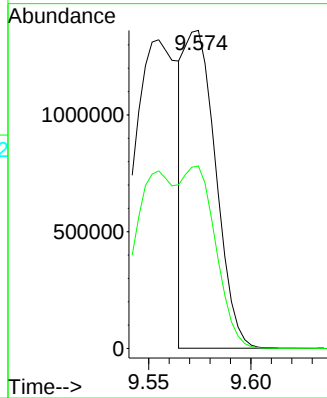
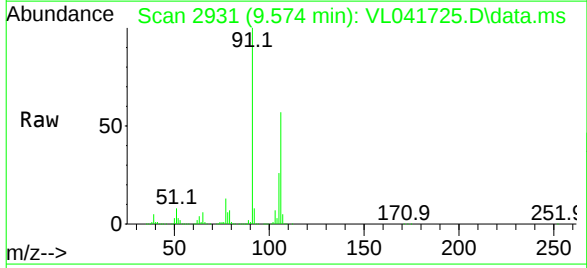




#59
m/p-Xylene
Concen: 11.994 ppbv
RT: 9.574 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

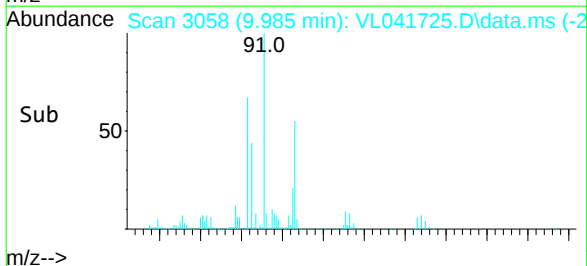
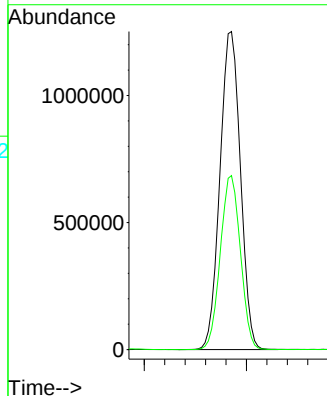
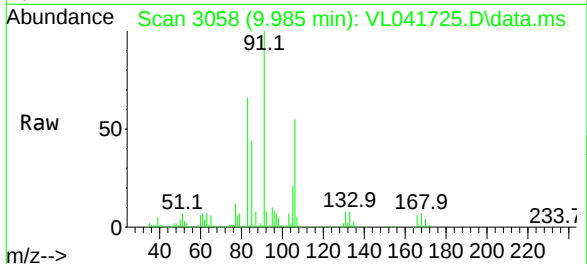
Instrument :
MSVOA_L
ClientSampleId :

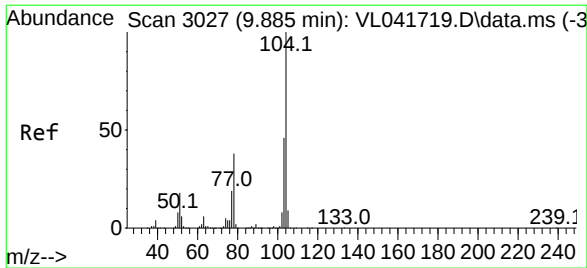
Tgt Ion: 91 Resp: 1475646
Ion Ratio Lower Upper
91 100
106 134.3 45.1 67.7#



#60
o-Xylene
Concen: 14.284 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 91 Resp: 1742693
Ion Ratio Lower Upper
91 100
106 53.7 26.8 80.4





#61

Styrene

Concen: 15.383 ppbv

RT: 9.891 min Scan# 3027

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

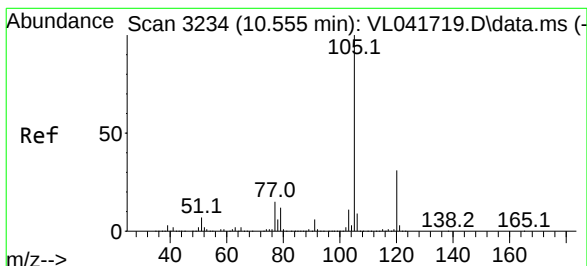
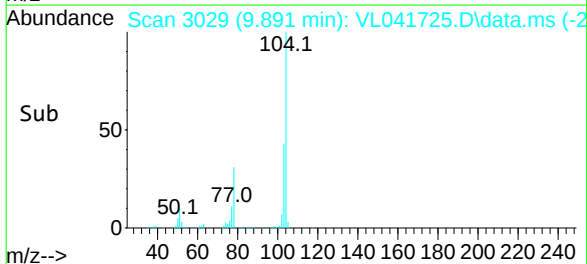
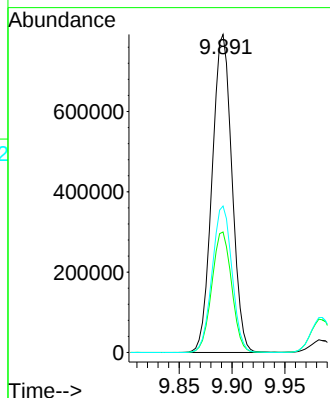
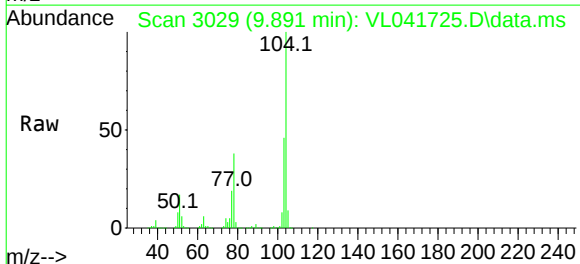
Tgt Ion:104 Resp: 1035943

Ion Ratio Lower Upper

104 100

78 37.9 30.2 45.4

103 45.9 36.7 55.1



#62

Isopropylbenzene

Concen: 13.793 ppbv

RT: 10.558 min Scan# 3235

Delta R.T. 0.003 min

Lab File: VL041725.D

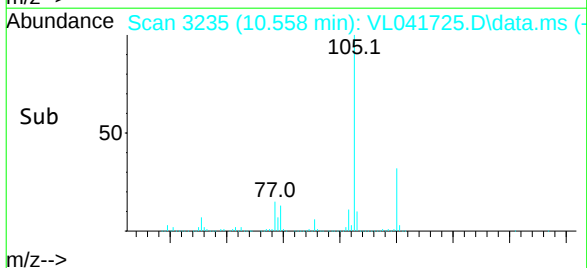
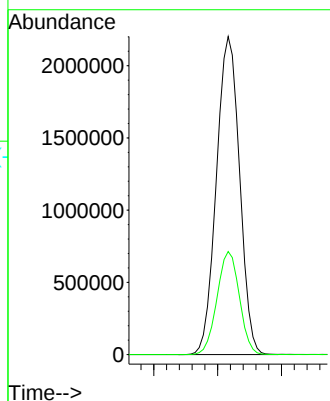
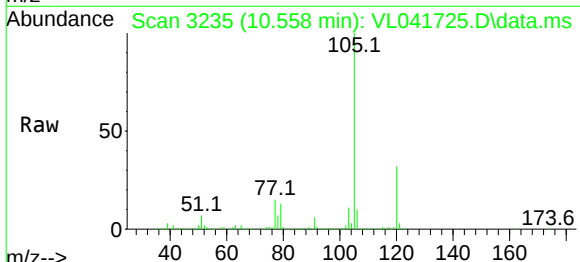
Acq: 11 Dec 2024 17:21

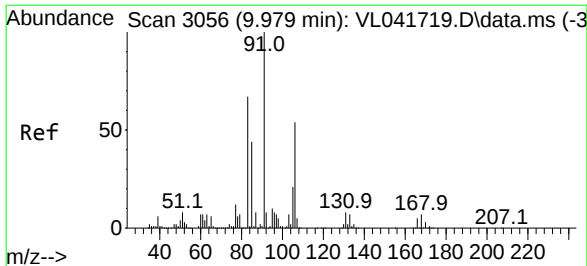
Tgt Ion:105 Resp: 2776128

Ion Ratio Lower Upper

105 100

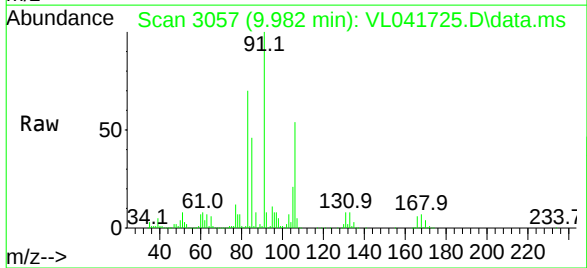
120 31.3 24.3 36.5



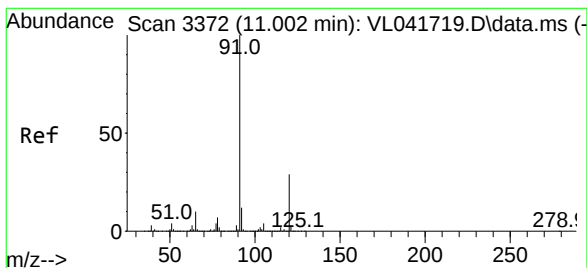
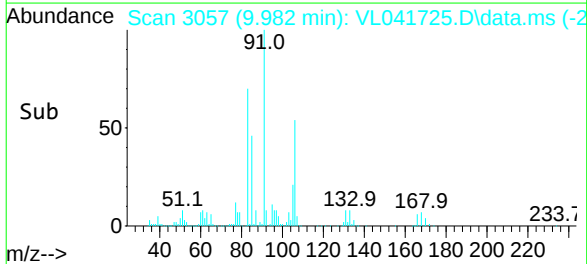
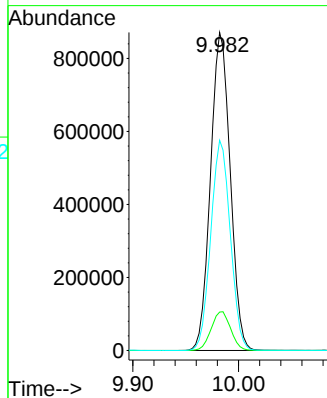


#63
1,1,2,2-Tetrachloroethane
Concen: 14.274 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :

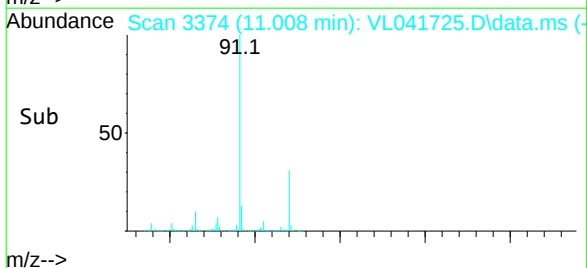
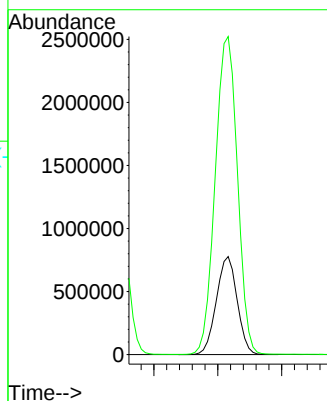
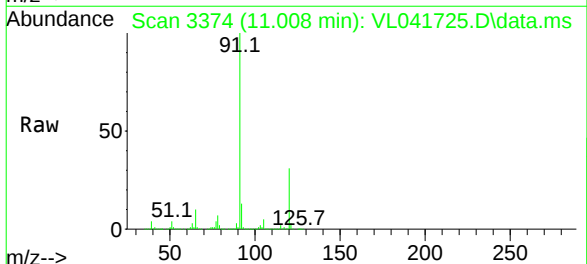


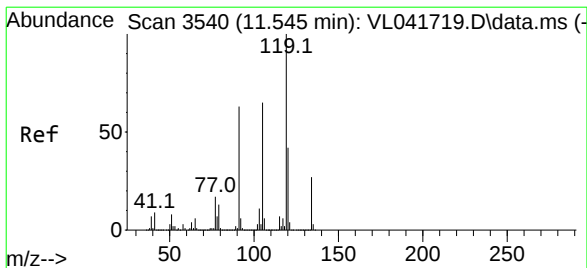
Tgt Ion: 83 Resp: 1126779
Ion Ratio Lower Upper
83 100
131 12.1 5.9 17.6
85 65.6 32.8 98.4



#64
n-propylbenzene
Concen: 14.826 ppbv
RT: 11.008 min Scan# 3374
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 120 Resp: 878575
Ion Ratio Lower Upper
120 100
91 347.2 290.8 436.2





#65

tert-Butylbenzene

Concen: 14.002 ppbv

RT: 11.549 min Scan# 3540

Delta R.T. 0.003 min

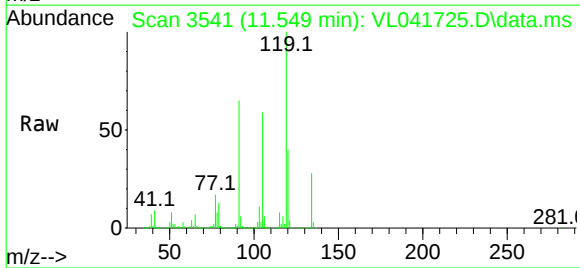
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :



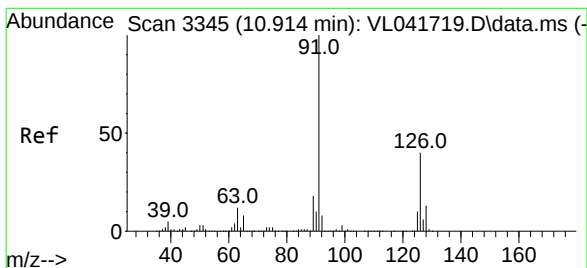
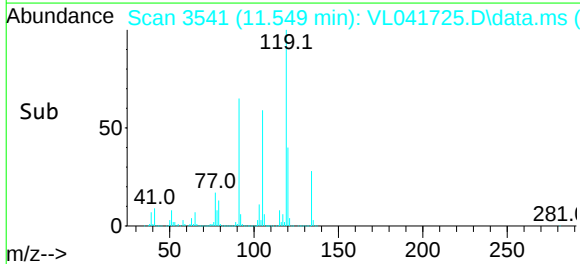
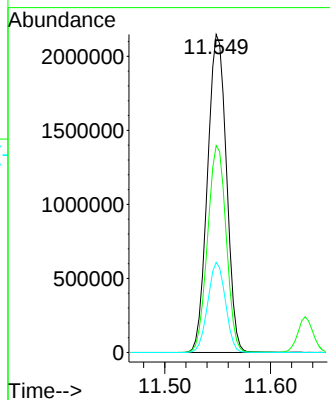
Tgt Ion:119 Resp: 2671424

Ion Ratio Lower Upper

119 100

91 63.9 50.2 75.4

134 26.4 20.4 30.6



#66

Benzyl Chloride

Concen: 14.202 ppbv

RT: 10.921 min Scan# 3347

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

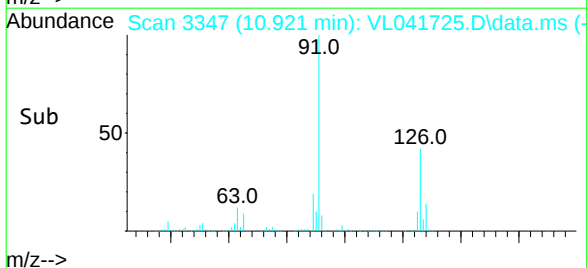
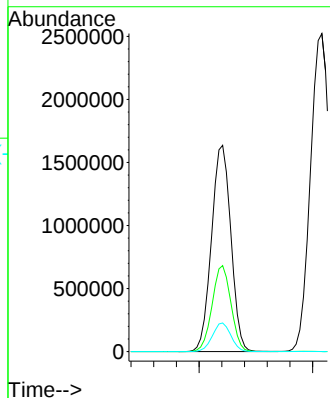
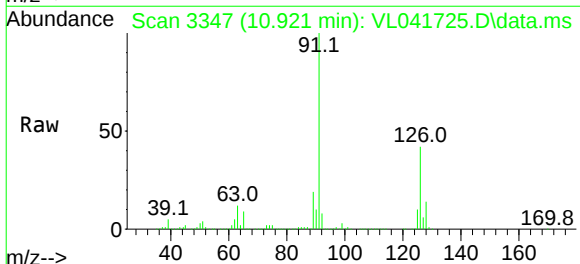
Tgt Ion: 91 Resp: 1943095

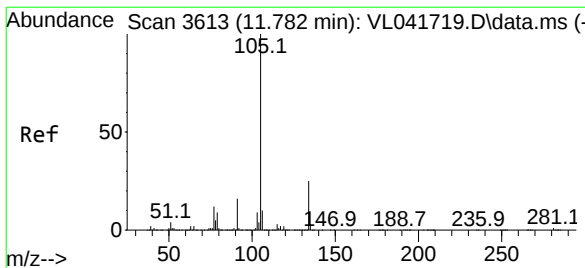
Ion Ratio Lower Upper

91 100

126 40.4 31.8 47.8

128 13.3 10.3 15.5





#67

sec-Butylbenzene

Concen: 13.524 ppbv

RT: 11.785 min Scan# 3613

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

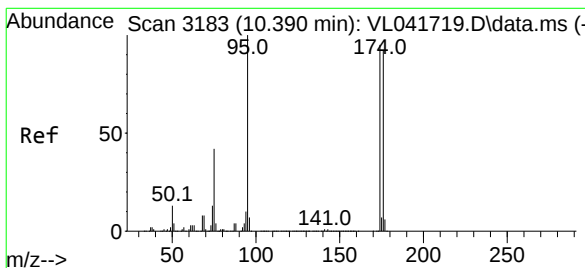
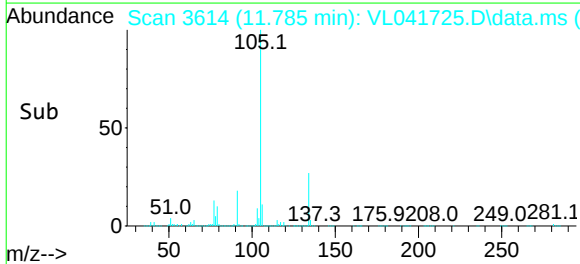
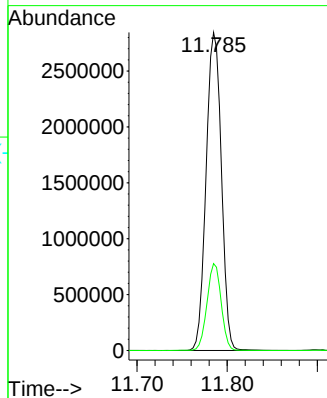
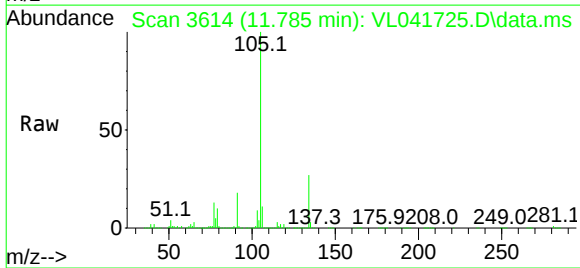
ClientSampleId :

Tgt Ion:105 Resp: 3339897

Ion Ratio Lower Upper

105 100

134 25.4 19.3 28.9



#68

1-Bromo-4-Fluorobenzene

Concen: 10.054 ppbv

RT: 10.396 min Scan# 3185

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

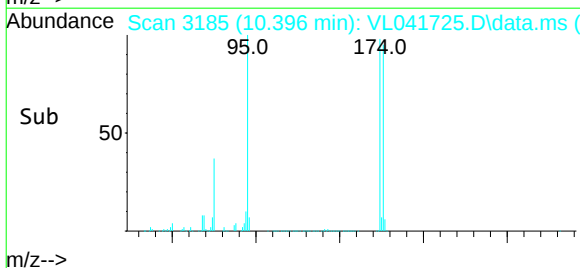
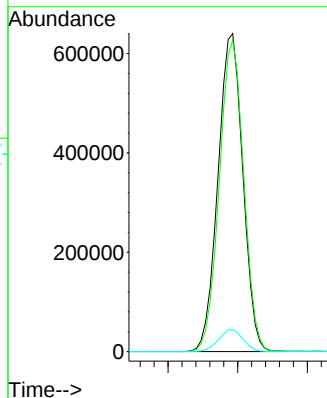
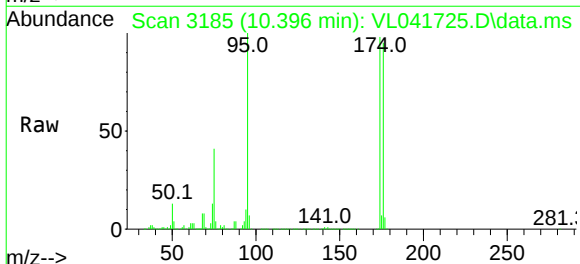
Tgt Ion: 95 Resp: 793087

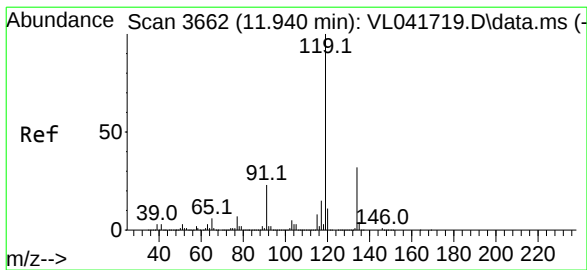
Ion Ratio Lower Upper

95 100

174 96.2 76.7 115.1

175 6.8 5.4 8.2





#69

p-Isopropyltoluene

Concen: 14.051 ppbv

RT: 11.944 min Scan# 3663

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

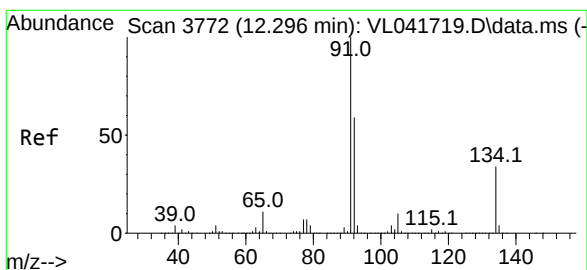
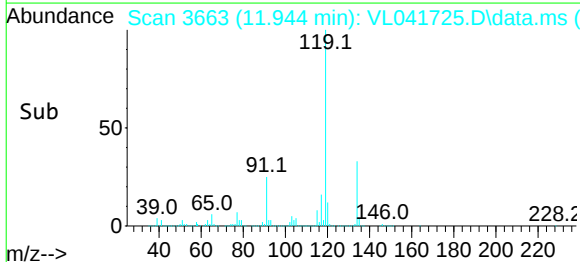
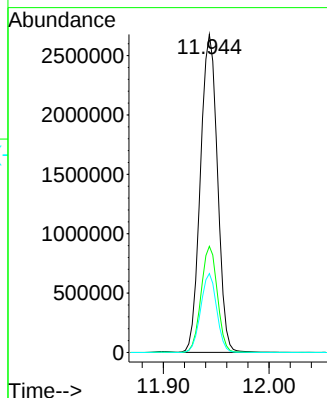
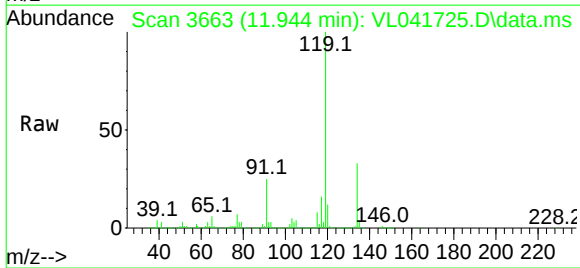
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:119 Resp: 2992965

Ion	Ratio	Lower	Upper
119	100		
134	31.9	24.6	36.8
91	23.4	17.8	26.8



#70

n-Butylbenzene

Concen: 14.388 ppbv

RT: 12.300 min Scan# 3773

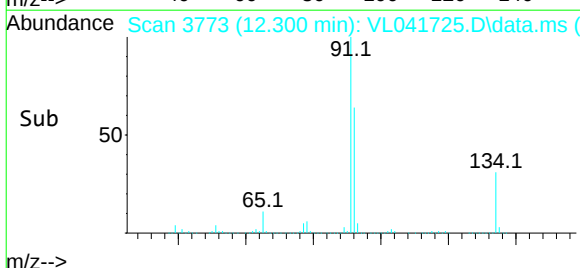
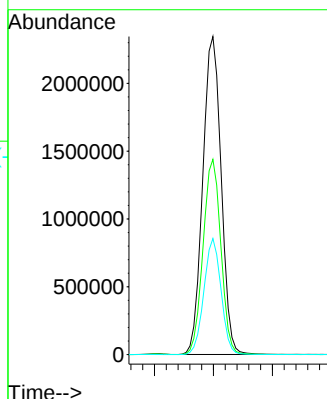
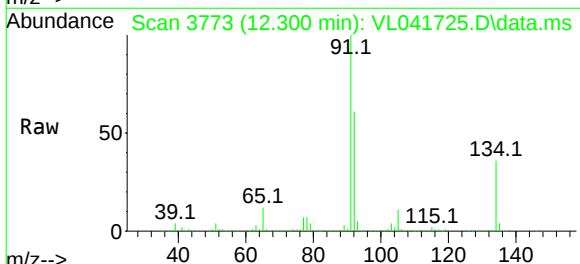
Delta R.T. 0.003 min

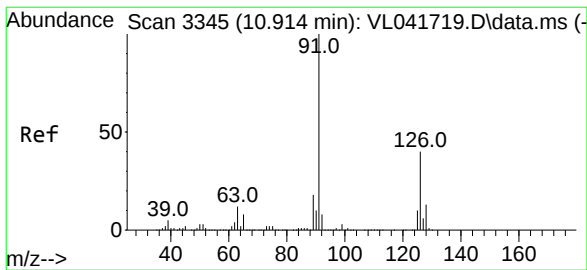
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Tgt Ion: 91 Resp: 2543438

Ion	Ratio	Lower	Upper
91	100		
92	59.8	46.7	70.1
134	34.0	26.2	39.4





#71

2-Chlorotoluene

Concen: 14.202 ppbv

RT: 10.921 min Scan# 3345

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

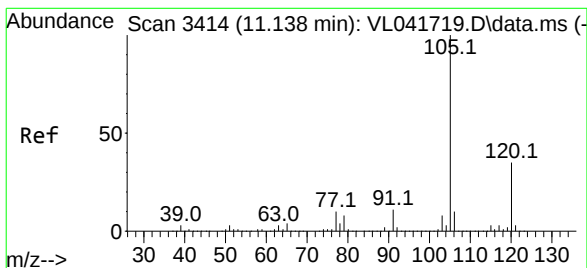
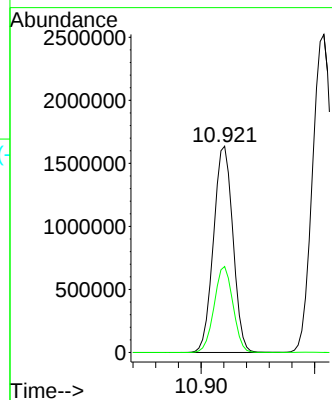
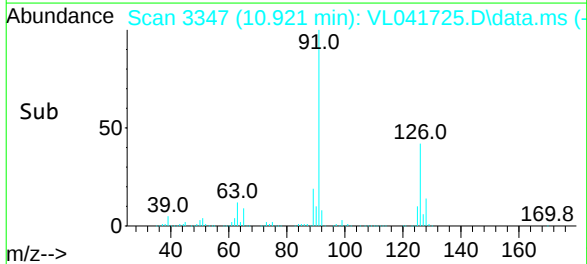
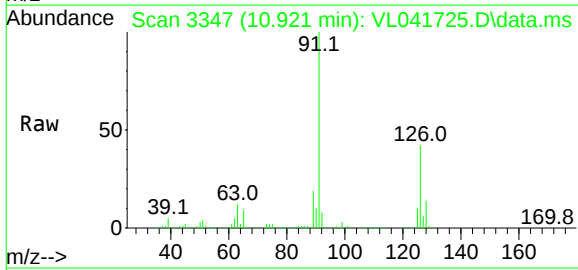
ClientSampleId :

Tgt Ion: 91 Resp: 1943095

Ion Ratio Lower Upper

91 100

126 40.4 15.9 63.7



#72

4-Ethyltoluene

Concen: 14.555 ppbv

RT: 11.144 min Scan# 3416

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Tgt Ion: 105 Resp: 2292986

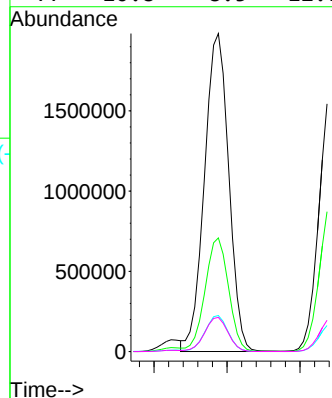
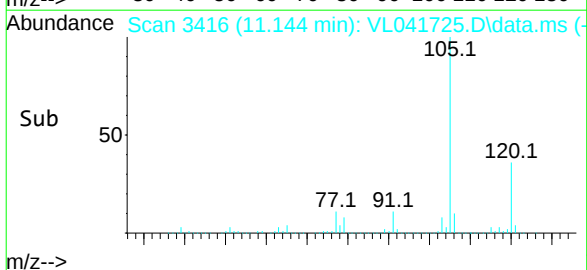
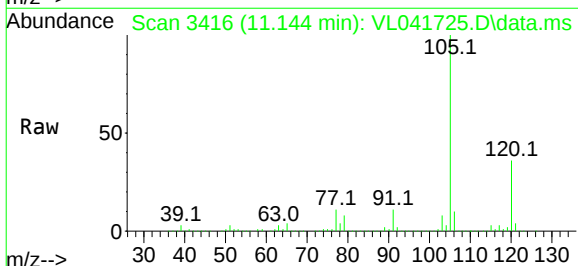
Ion Ratio Lower Upper

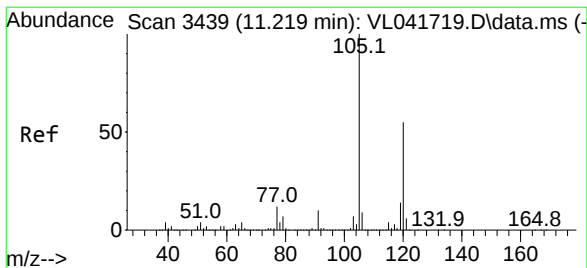
105 100

120 35.6 28.0 42.0

91 11.2 8.8 13.2

77 10.8 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 14.930 ppbv

RT: 11.222 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

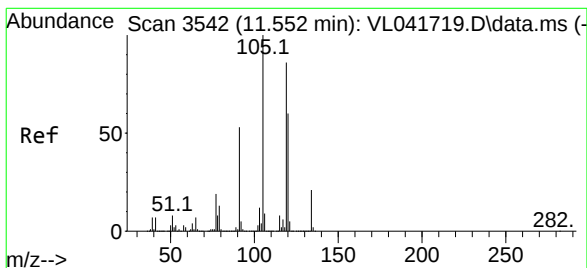
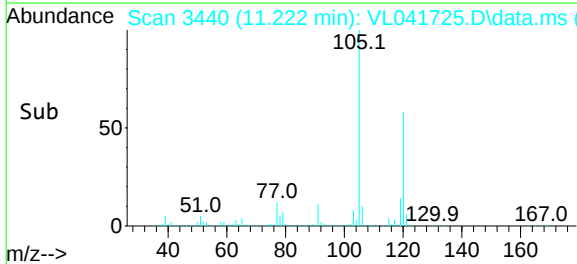
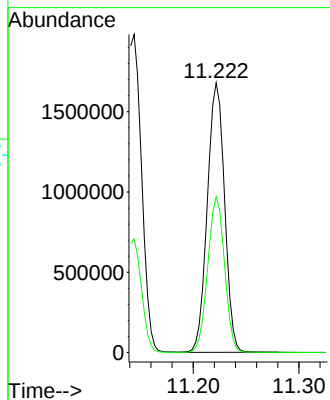
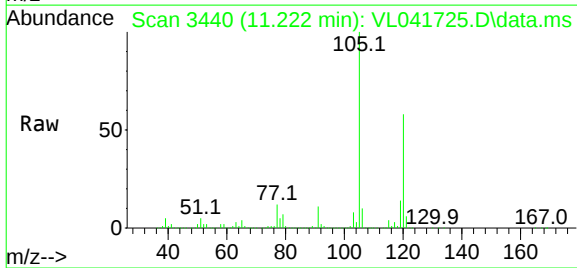
ClientSampleId :

Tgt Ion:105 Resp: 1902799

Ion Ratio Lower Upper

105 100

120 57.7 43.6 65.4



#74

1,2,4-Trimethylbenzene

Concen: 14.978 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Tgt Ion:105 Resp: 2075220

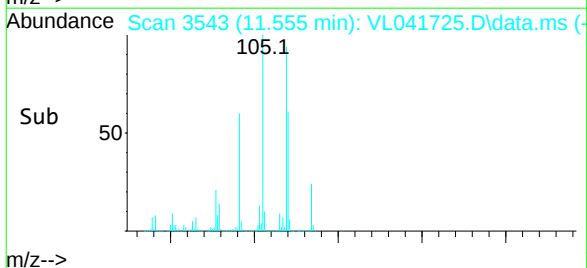
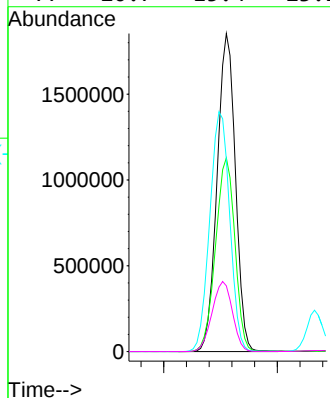
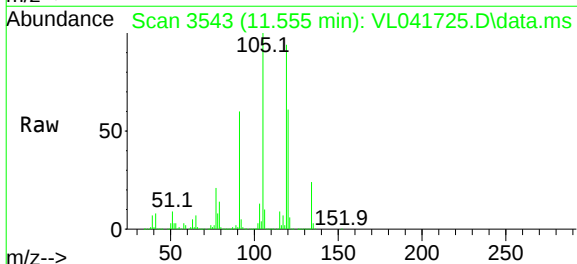
Ion Ratio Lower Upper

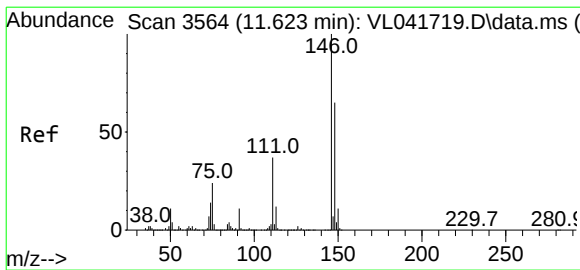
105 100

120 60.9 47.8 71.6

91 60.4 42.5 63.7

77 20.7 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 14.449 ppbv

RT: 11.626 min Scan# 35

Delta R.T. 0.003 min

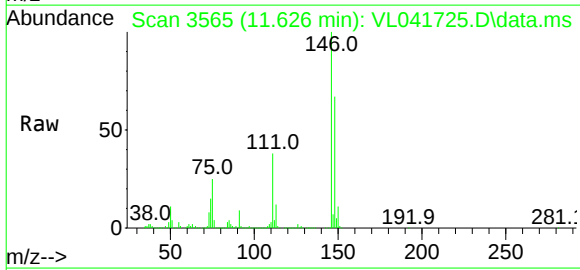
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :



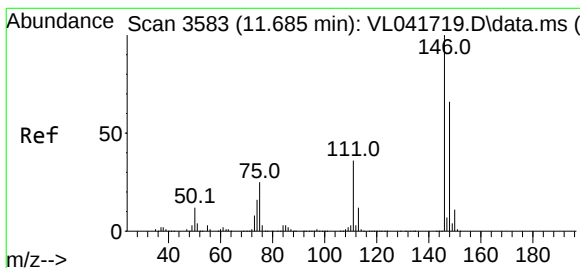
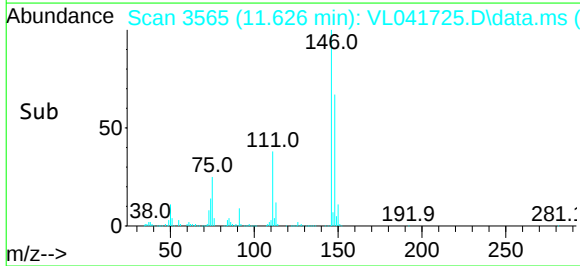
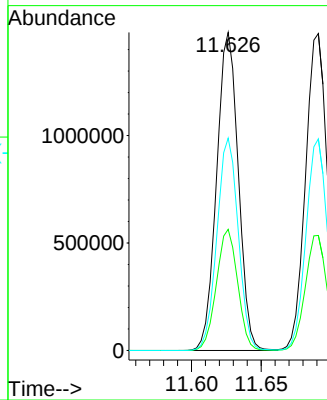
Tgt Ion:146 Resp: 1599846

Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.2

148 65.7 32.4 97.2



#76

1,4-Dichlorobenzene

Concen: 14.558 ppbv

RT: 11.691 min Scan# 3585

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

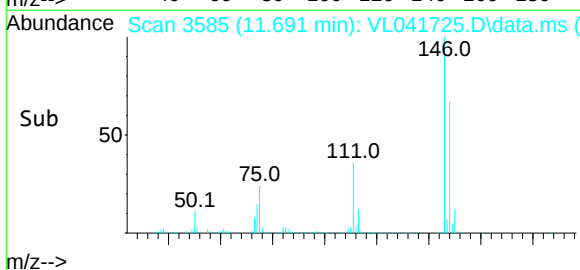
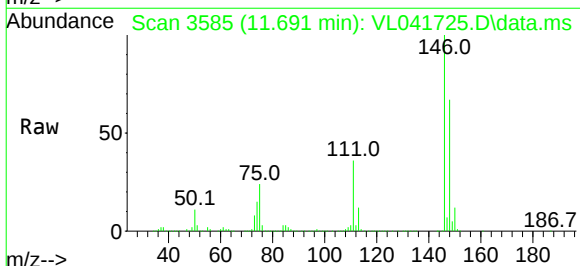
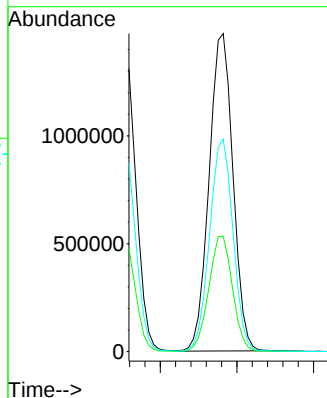
Tgt Ion:146 Resp: 1592044

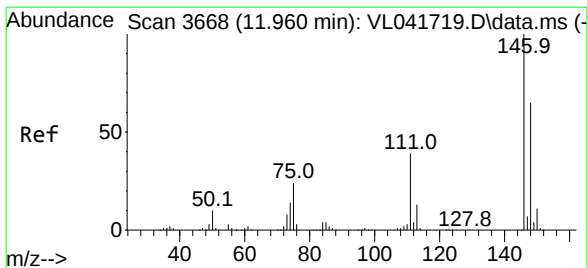
Ion Ratio Lower Upper

146 100

111 36.5 17.8 53.4

148 66.2 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 14.446 ppbv

RT: 11.966 min Scan# 3668

Delta R.T. 0.006 min

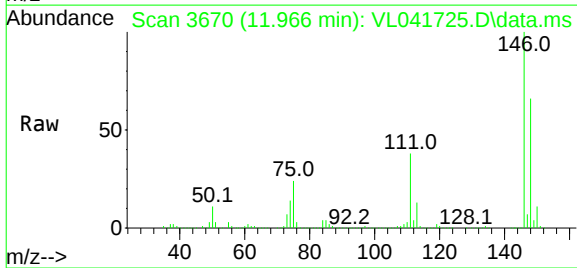
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :



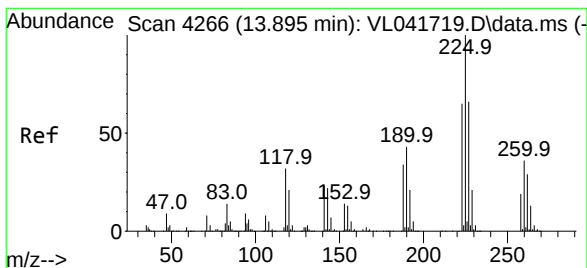
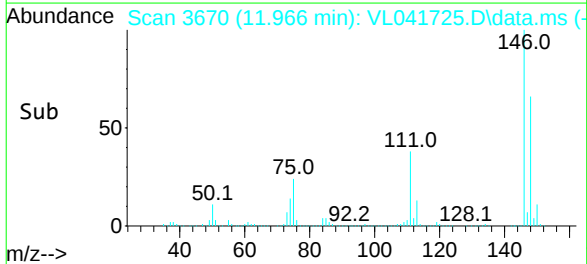
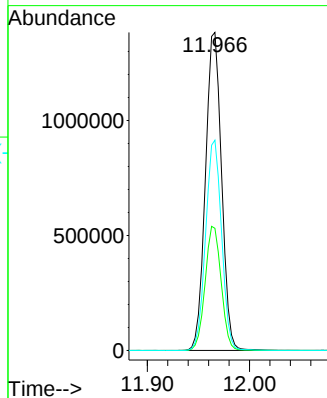
Tgt Ion:146 Resp: 1514587

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

148 65.5 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 13.719 ppbv

RT: 13.898 min Scan# 4267

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

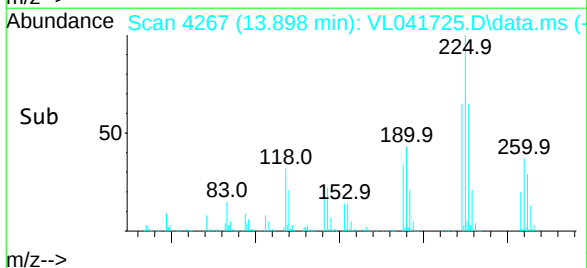
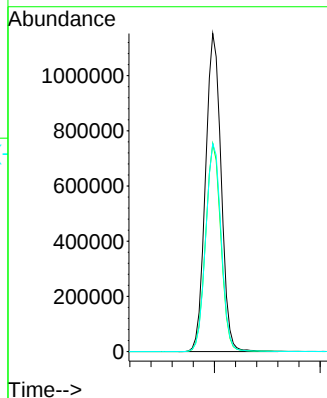
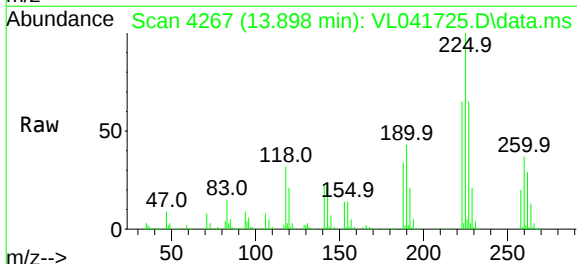
Tgt Ion:225 Resp: 1182302

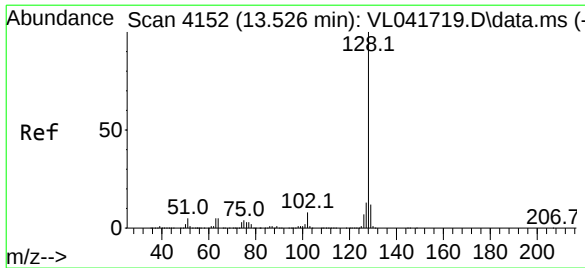
Ion Ratio Lower Upper

225 100

223 64.2 51.1 76.7

227 65.2 51.8 77.6





#79

Naphthalene

Concen: 16.200 ppbv

RT: 13.529 min Scan# 4152

Delta R.T. 0.003 min

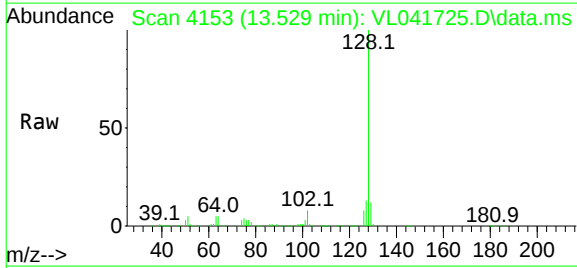
Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :



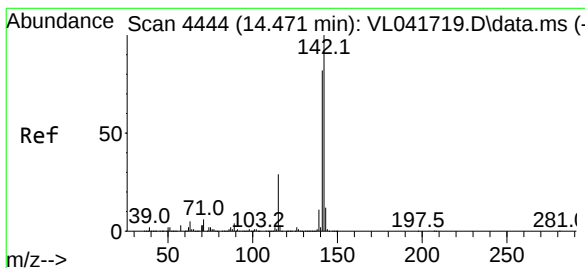
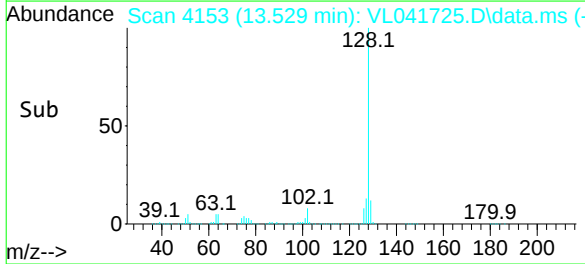
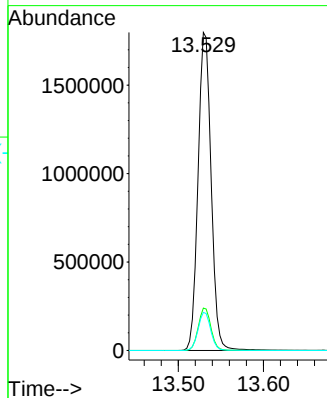
Tgt Ion:128 Resp: 1921154

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 12.0 9.4 14.0



#80

Naphthalene,2-methyl-

Concen: 26.231 ppbv

RT: 14.478 min Scan# 4446

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

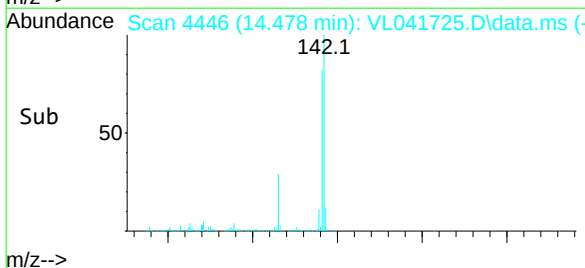
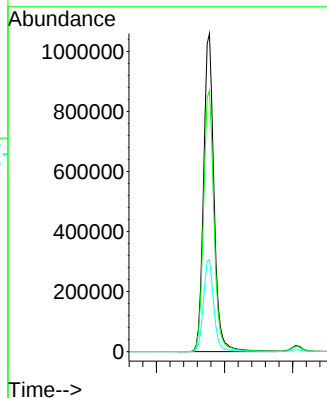
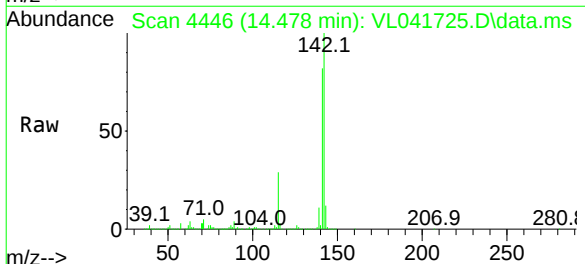
Tgt Ion:142 Resp: 1125481

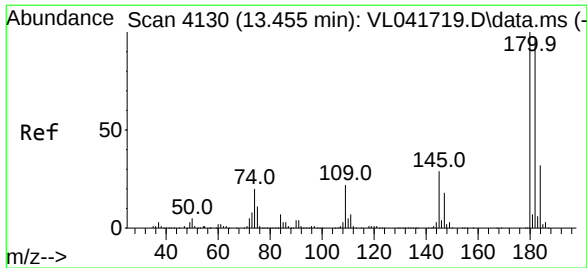
Ion Ratio Lower Upper

142 100

141 82.7 66.0 99.0

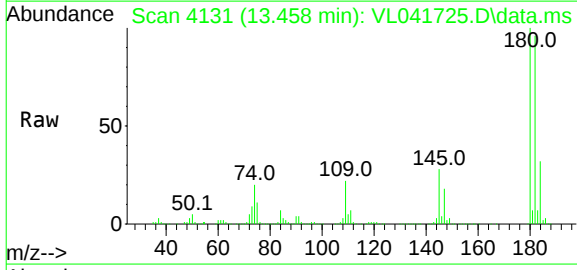
115 29.0 22.8 34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 15.681 ppbv
 RT: 13.458 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1170914
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.2 115.8
 184 32.0 25.2 37.8

