

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042220.D
 Acq On : 04 Apr 2025 11:55
 Operator : SY/MD
 Sample : VL0404ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01

Quant Time: Apr 05 02:01:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	185704	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	509064	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	456962	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	384044	10.234	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	269944	9.845	ppbv	99
3) Chlorodifluoromethane	1.476	51	261247	9.327	ppbv	97
4) Chloromethane	1.535	50	100977	9.011	ppbv	97
5) Vinyl Chloride	1.580	62	97885	8.243	ppbv	97
6) Bromomethane	1.667	94	43311	8.529	ppbv	96
7) Chloroethane	1.706	64	38925	8.654	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	226404	9.696	ppbv	94
9) Propene	1.486	41	98481	7.671	ppbv	98
10) Heptane	4.982	43	290990	8.521	ppbv	99
11) Trichlorofluoromethane	1.878	101	258888	9.704	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	195978	8.937	ppbv	95
13) Ethanol	1.722	45	5793	4.773	ppbv	91
14) Bromoethene	1.784	108	72245	8.600	ppbv	98
15) Acetone	1.836	43	218906	8.429	ppbv	95
16) 1,3-Butadiene	1.609	39	109321	8.619	ppbv	96
17) tert-Butyl alcohol	2.043	59	268750	8.308	ppbv	99
18) 1,1-Dichloroethene	2.036	96	90266	8.805	ppbv	96
19) Isopropyl Alcohol	1.887	45	124365	8.487	ppbv	99
20) Methylene Chloride	2.062	84	75950	7.852	ppbv	96
21) Allyl Chloride	2.098	41	157041	8.574	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	103089	8.700	ppbv	98
23) Vinyl Acetate	2.464	43	85276	7.586	ppbv	97
24) 1,1-Dichloroethane	2.412	63	207336	9.440	ppbv	99
25) Ethyl Acetate	2.839	43	605091	8.977	ppbv	99
26) Hexane	2.829	57	230193	8.841	ppbv	98
27) Carbon Disulfide	2.153	76	237628	8.511	ppbv #	94
28) Methyl tert-Butyl Ether	2.444	73	137912	8.508	ppbv	95
29) Chloroform	2.852	83	384364	10.087	ppbv	99
30) Cyclohexane	3.862	84	192377	8.509	ppbv	96
31) cis-1,2-Dichloroethene	2.722	61	237721	8.993	ppbv	97
32) 1,1,1-Trichloroethane	3.370	97	396331	9.085	ppbv	99
34) 2-Butanone	2.561	43	339503	9.197	ppbv	98
35) Carbon Tetrachloride	3.768	117	410967	10.334	ppbv	96
36) Benzene	3.661	78	464642	9.207	ppbv	99
37) 1,2-Dichloroethane	3.221	62	306471	10.607	ppbv	98
38) Trichloroethene	4.554	130	190707	9.057	ppbv	96
39) 1,2-Dichloropropane	4.321	63	166615	9.065	ppbv	91
40) 1,4-Dioxane	4.587	88	85279	8.742	ppbv #	95
41) Tetrahydrofuran	3.059	42	186669	8.782	ppbv	99
42) Bromodichloromethane	4.496	83	417630	10.485	ppbv	96
43) Methyl Methacrylate	4.888	69	183270	8.578	ppbv	100
44) 2,2,4-Trimethylpentane	4.645	57	792460	9.292	ppbv	97
45) t-1,3-Dichloropropene	6.422	75	187871	8.196	ppbv	93

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

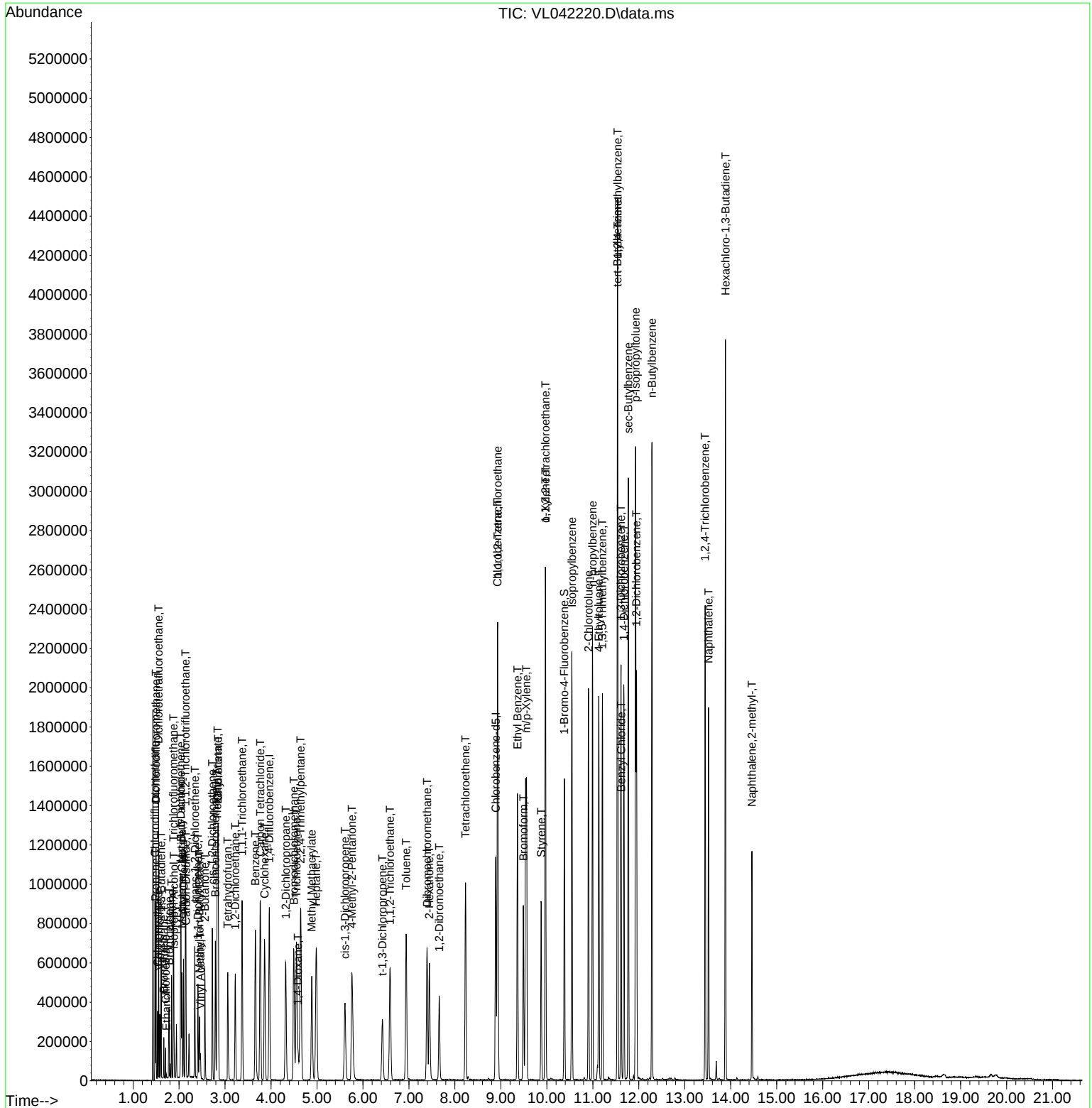
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 ClientSampleId :
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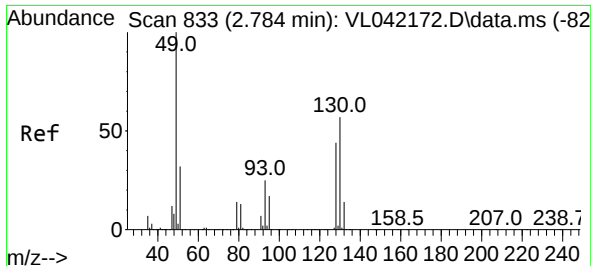
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.610	75	235408	8.378	ppbv	95
47) 1,1,2-Trichloroethane	6.587	97	192846	9.926	ppbv	96
48) Dibromochloromethane	7.396	129	334902	10.171	ppbv	99
49) Bromoform	9.490	173	293331	9.923	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	493794	8.441	ppbv	96
51) 2-Hexanone	7.445	43	393716	8.196	ppbv #	95
52) Tetrachloroethene	8.231	164	170397	8.514	ppbv	94
53) Toluene	6.940	91	540865	9.041	ppbv	99
54) 1,2-Dibromoethane	7.658	107	265033	9.786	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.930	131	269744	10.724	ppbv	99
57) Chlorobenzene	8.927	112	437108	10.085	ppbv	97
58) Ethyl Benzene	9.361	91	791626	9.753	ppbv	99
59) m/p-Xylene	9.555	91	594417	9.171	ppbv #	15
60) o-Xylene	9.969	91	665062	10.236	ppbv	98
61) Styrene	9.875	104	304392	9.470	ppbv	99
62) Isopropylbenzene	10.545	105	1008886	10.383	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	422180	10.694	ppbv	99
64) n-propylbenzene	10.995	120	263691	10.543	ppbv	99
65) tert-Butylbenzene	11.536	119	921281	10.252	ppbv	98
66) Benzyl Chloride	11.620	91	65520	6.872	ppbv	99
67) sec-Butylbenzene	11.772	105	1296409	10.379	ppbv	99
69) p-Isopropyltoluene	11.931	119	1119576	10.410	ppbv	100
70) n-Butylbenzene	12.287	91	1149751	10.453	ppbv	99
71) 2-Chlorotoluene	10.908	91	777635	10.312	ppbv	100
72) 4-Ethyltoluene	11.128	105	850373	10.511	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	737397	10.437	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	816996	10.037	ppbv	95
75) 1,3-Dichlorobenzene	11.613	146	475804	10.658	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	473366	10.654	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	470868	10.833	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	366515	8.284	ppbv	99
79) Naphthalene	13.517	128	842258	9.460	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	310504	7.112	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	377618	9.195	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

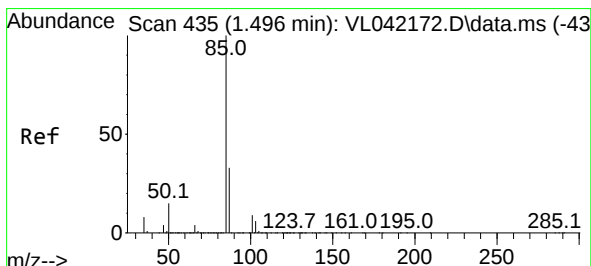
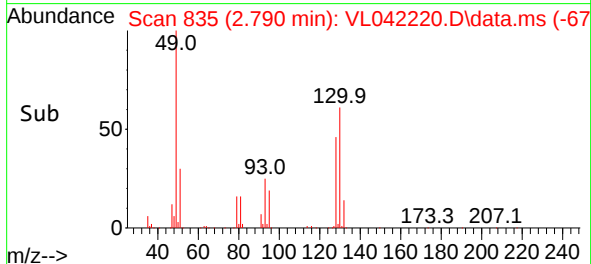
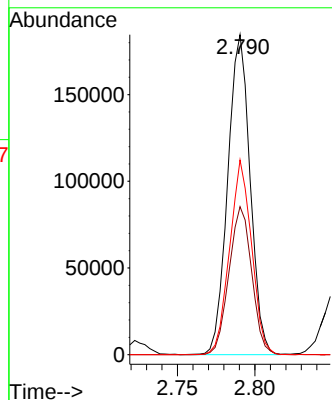
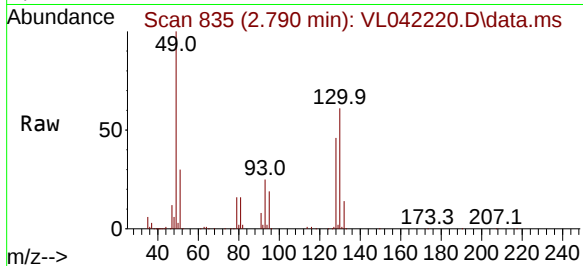




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

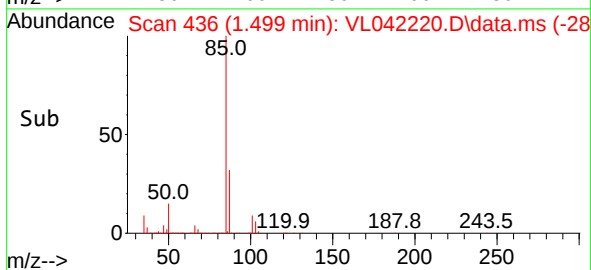
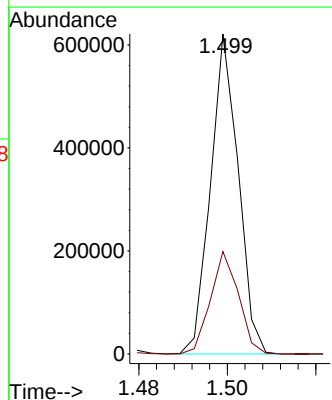
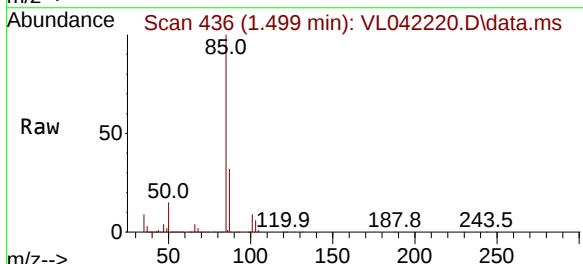
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MSVOA_L
ClientSampleId :
VL0404ABS01

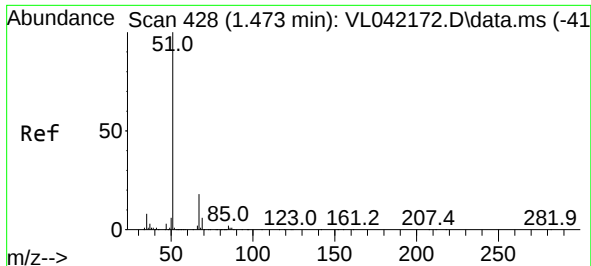
Tgt Ion: 49 Resp: 185704
Ion Ratio Lower Upper
49 100
128 46.9 22.9 68.5
130 59.7 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 9.845 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 85 Resp: 269944
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1

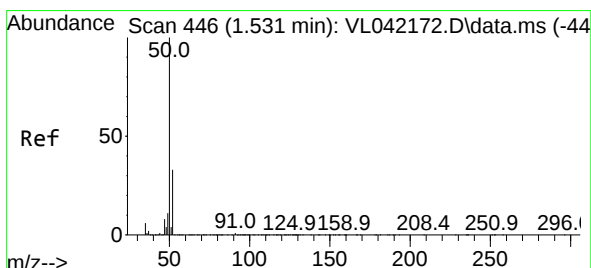
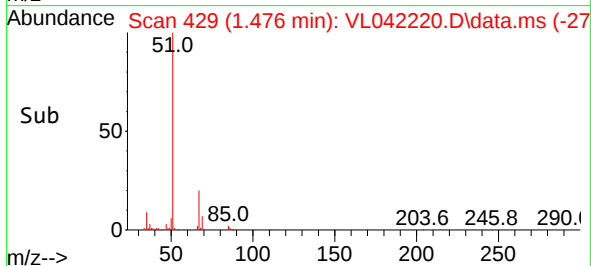
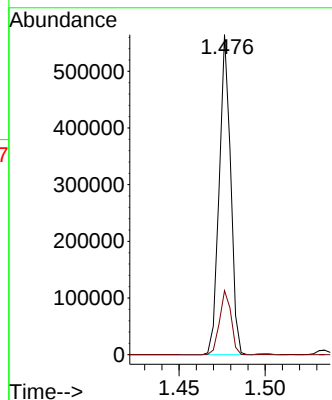
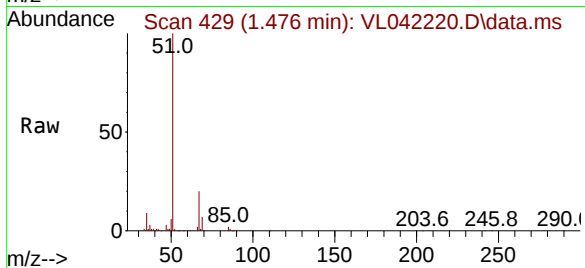




#3
Chlorodifluoromethane
Concen: 9.327 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

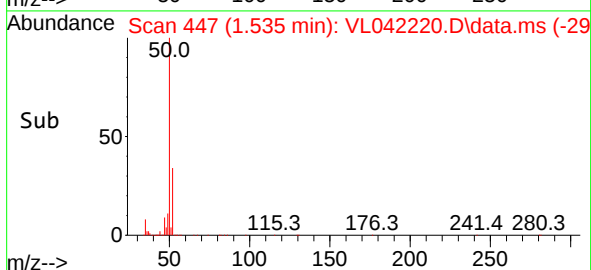
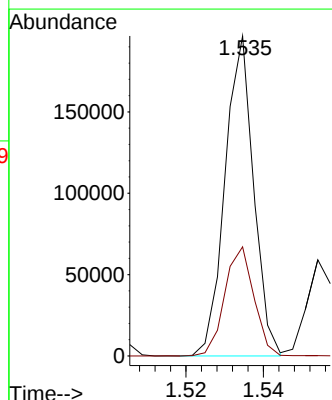
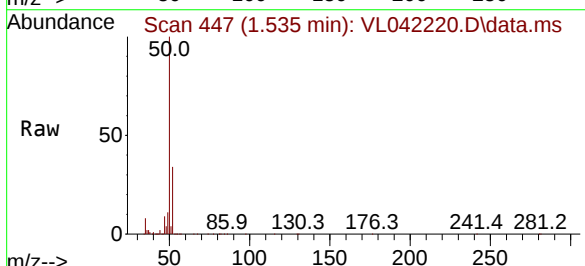
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ClientSampleId :
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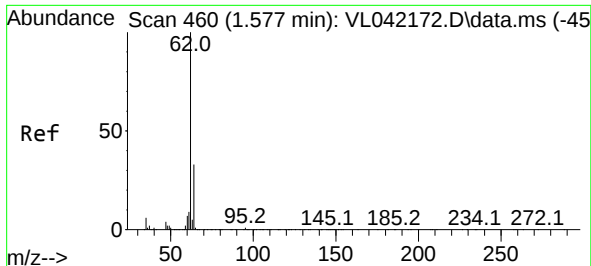
Tgt Ion: 51 Resp: 261247
Ion Ratio Lower Upper
51 100
67 20.3 15.0 22.6



#4
Chloromethane
Concen: 9.011 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 50 Resp: 100977
Ion Ratio Lower Upper
50 100
52 34.0 26.1 39.1

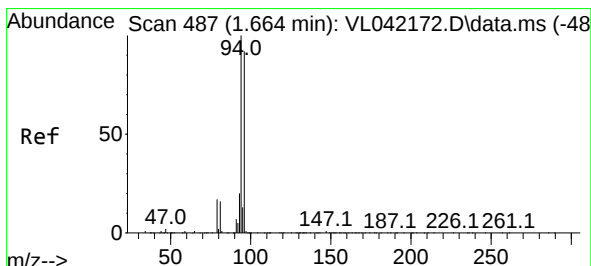
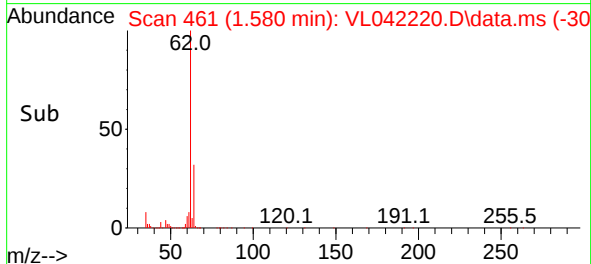
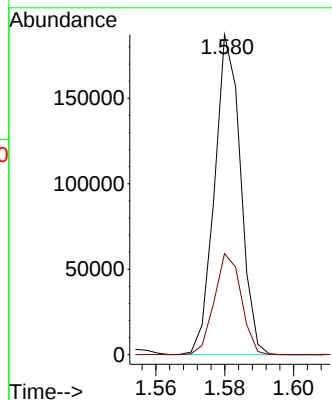
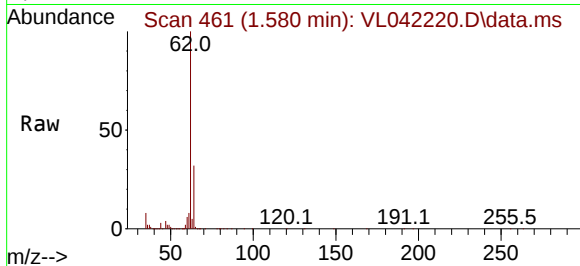




#5
 Vinyl Chloride
 Concen: 8.243 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

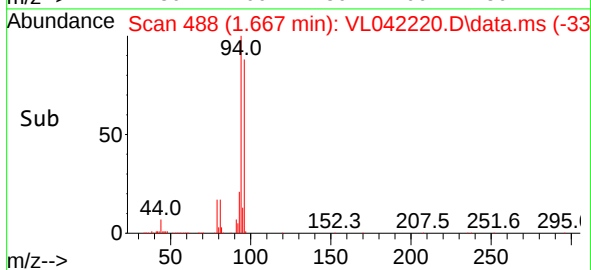
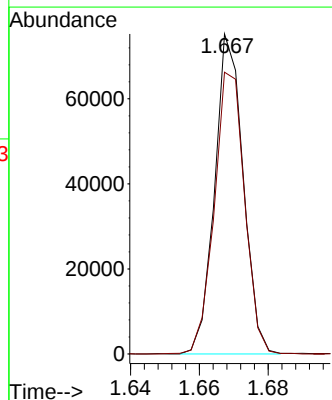
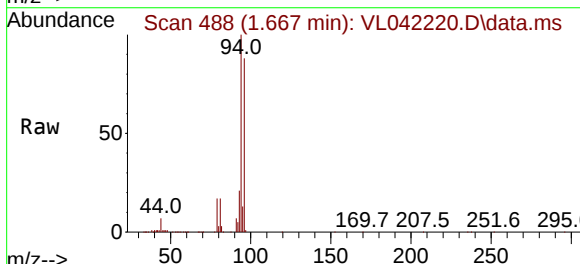
Instrument :
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 ClientSampleId :
 VL0404ABS01

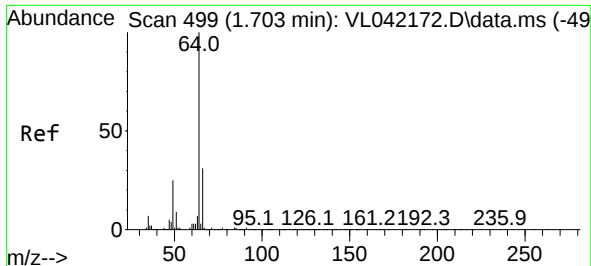
Tgt Ion: 62 Resp: 97885
 Ion Ratio Lower Upper
 62 100
 64 31.6 26.6 40.0



#6
 Bromomethane
 Concen: 8.529 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.003 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

Tgt Ion: 94 Resp: 43311
 Ion Ratio Lower Upper
 94 100
 96 87.9 73.1 109.7

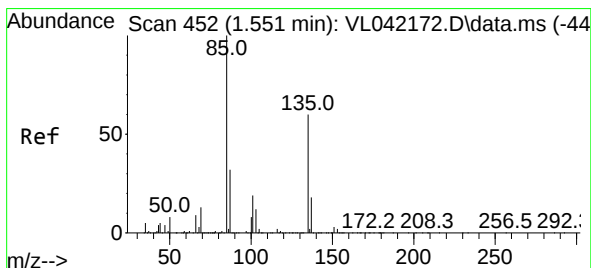
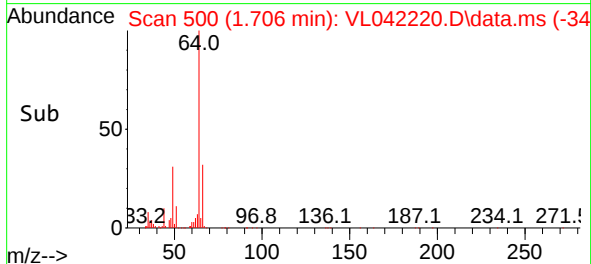
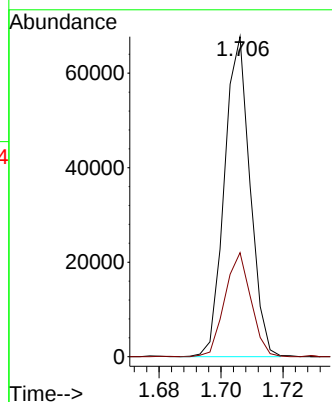
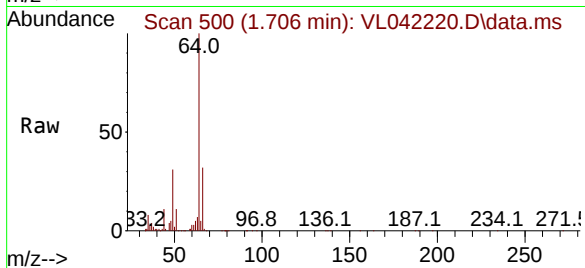




#7
Chloroethane
Concen: 8.654 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

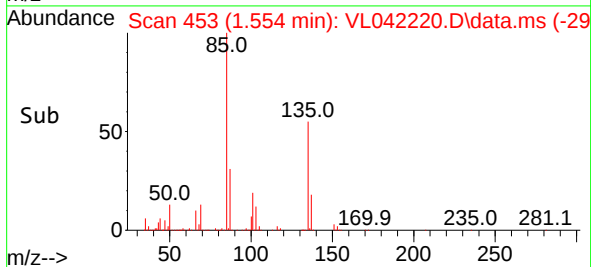
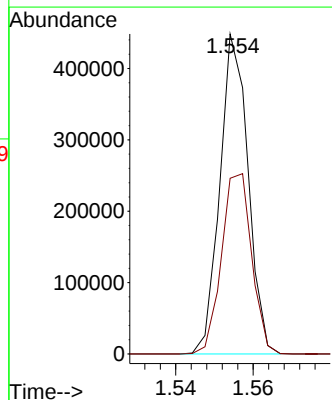
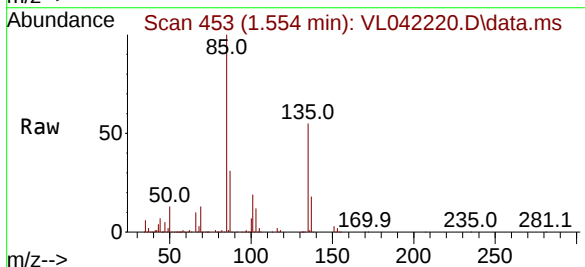
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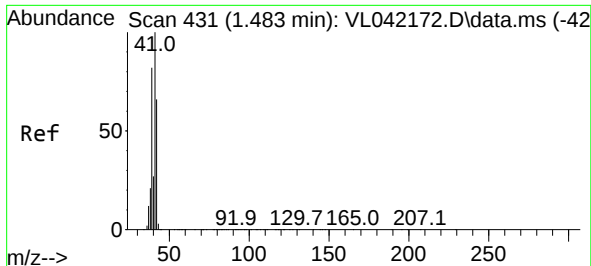
Tgt Ion: 64 Resp: 38925
Ion Ratio Lower Upper
64 100
66 32.5 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 9.696 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 85 Resp: 226404
Ion Ratio Lower Upper
85 100
135 60.5 52.4 78.6

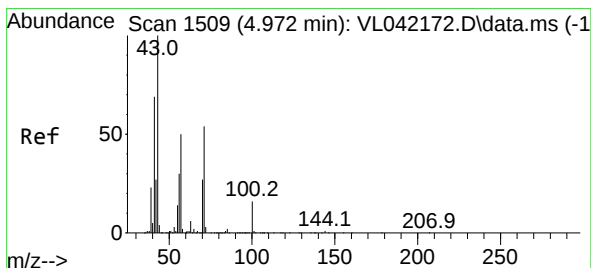
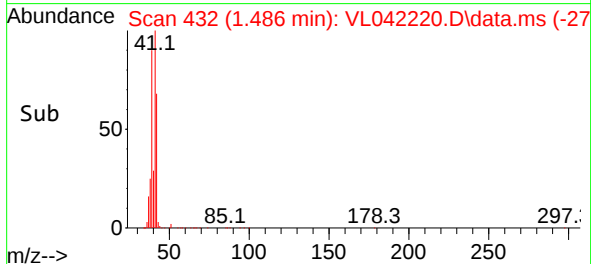
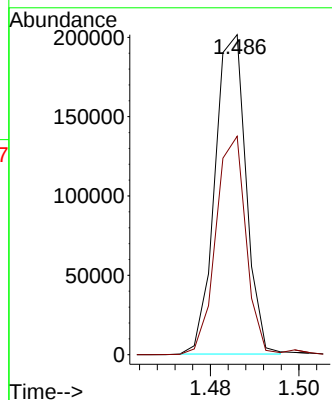
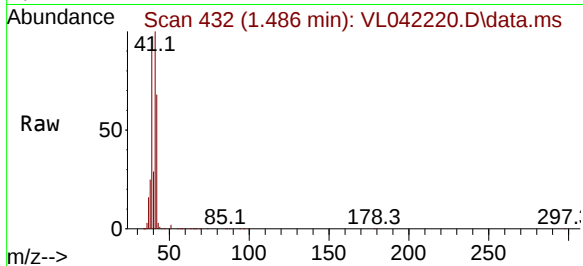




#9
Propene
Concen: 7.671 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

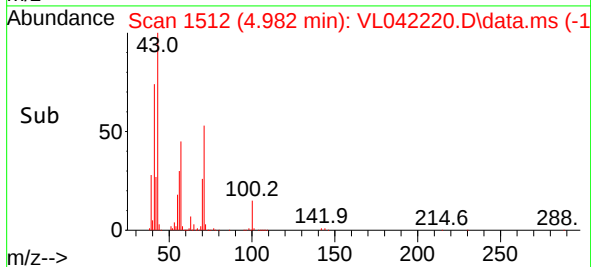
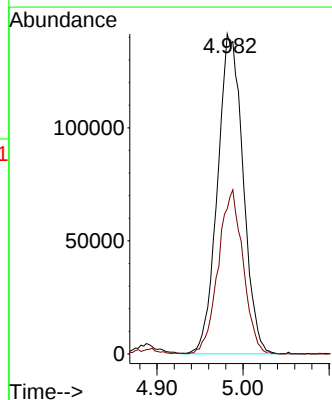
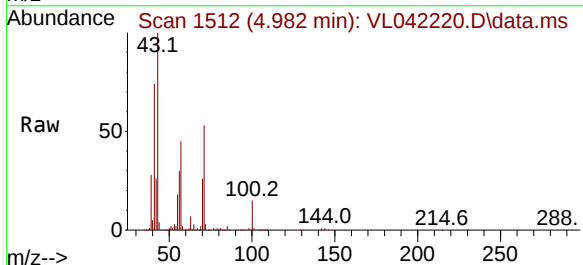
Instrument :
MSVOA_1
ClientSampleId :
VL0404ABS01

Tgt Ion: 41 Resp: 98481
Ion Ratio Lower Upper
41 100
42 67.6 55.4 83.2



#10
Heptane
Concen: 8.521 ppbv
RT: 4.982 min Scan# 1512
Delta R.T. 0.010 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 43 Resp: 290990
Ion Ratio Lower Upper
43 100
57 50.0 39.4 59.2

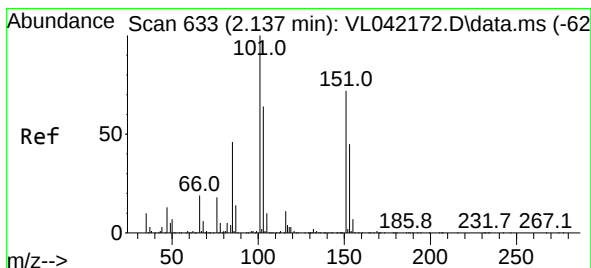
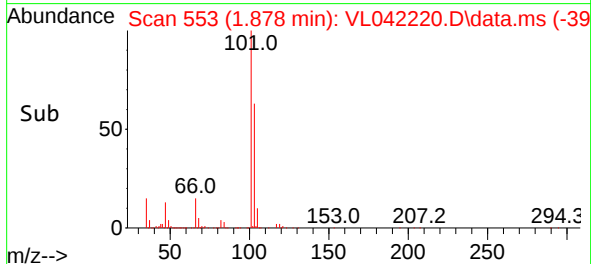
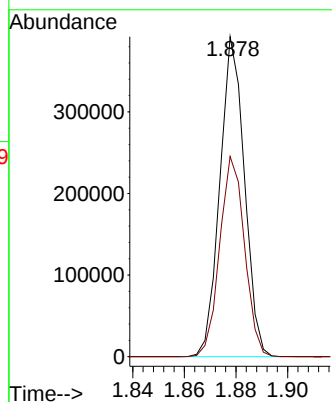
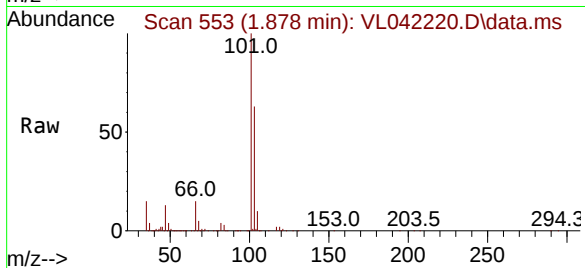




#11
Trichlorofluoromethane
Concen: 9.704 ppbv
RT: 1.878 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

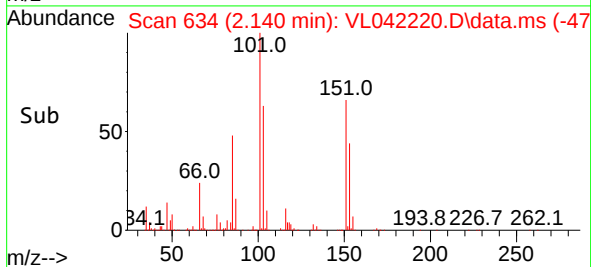
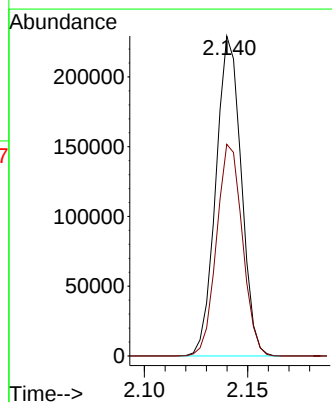
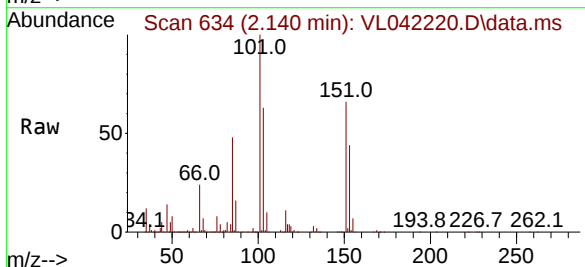
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:101 Resp: 258888
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.937 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion:101 Resp: 195978
Ion Ratio Lower Upper
101 100
151 67.4 57.1 85.7

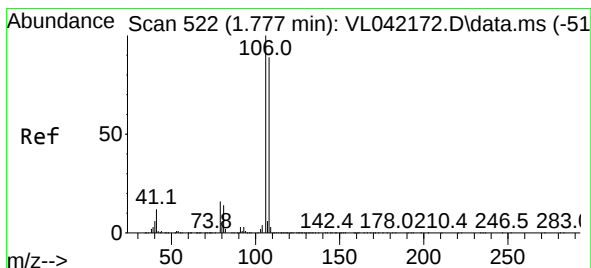
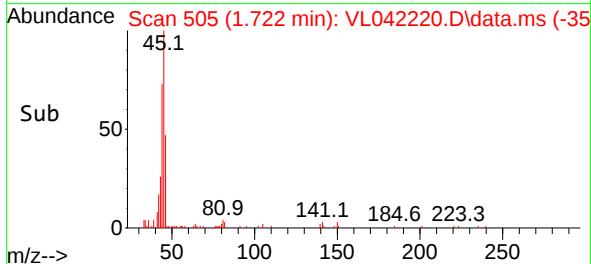
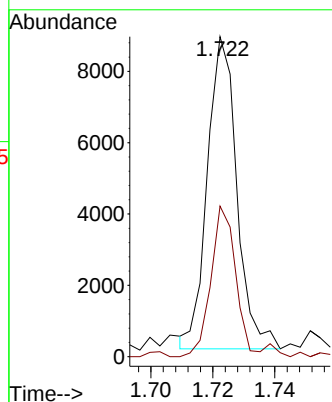
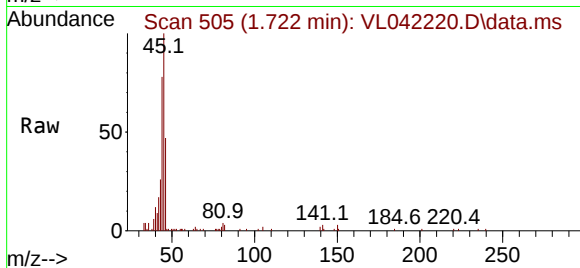




#13
Ethanol
Concen: 4.773 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

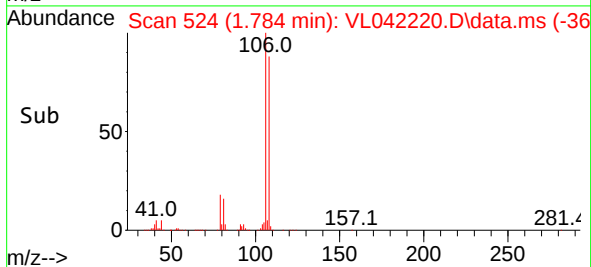
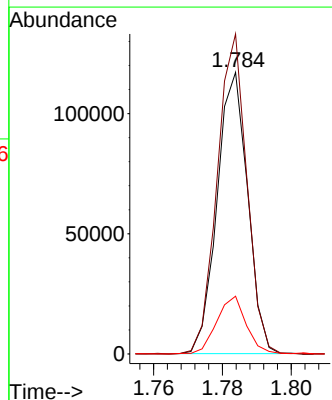
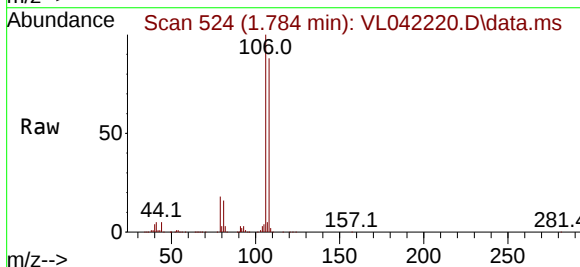
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

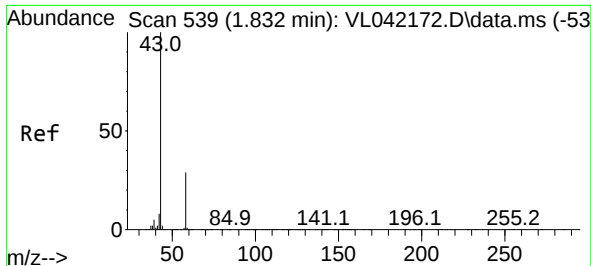
Tgt Ion: 45 Resp: 5793
Ion Ratio Lower Upper
45 100
46 44.0 20.2 80.8



#14
Bromoethene
Concen: 8.600 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 108 Resp: 72245
Ion Ratio Lower Upper
108 100
106 110.3 86.8 130.2
79 20.4 15.0 22.6

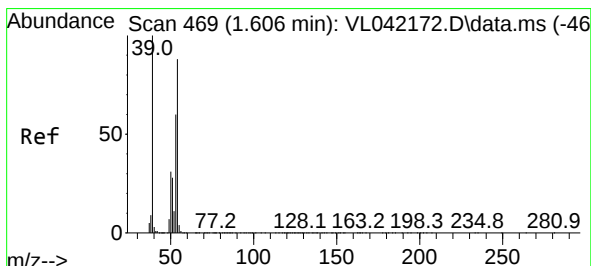
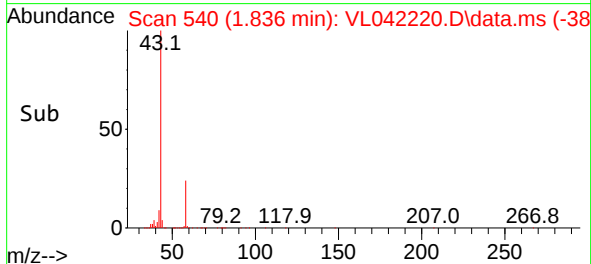
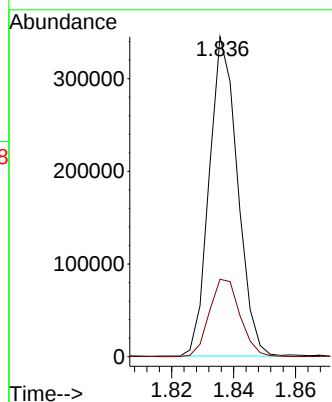
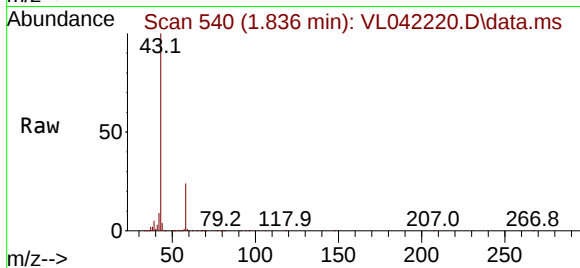




#15
Acetone
Concen: 8.429 ppbv
RT: 1.836 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

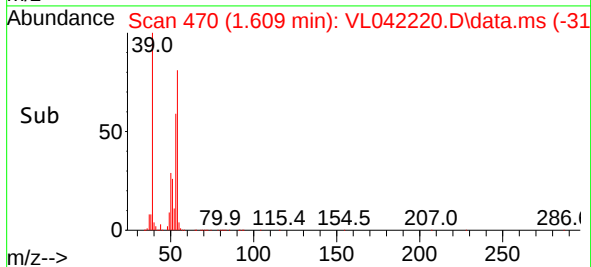
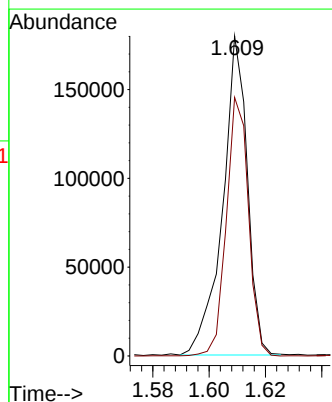
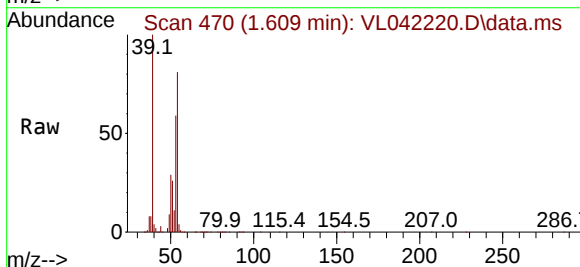
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

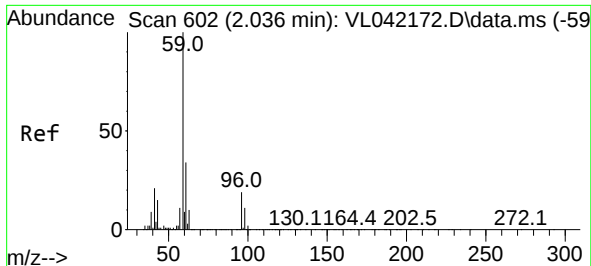
Tgt Ion: 43 Resp: 218906
Ion Ratio Lower Upper
43 100
58 26.6 23.2 34.8



#16
1,3-Butadiene
Concen: 8.619 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 39 Resp: 109321
Ion Ratio Lower Upper
39 100
54 72.6 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.308 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

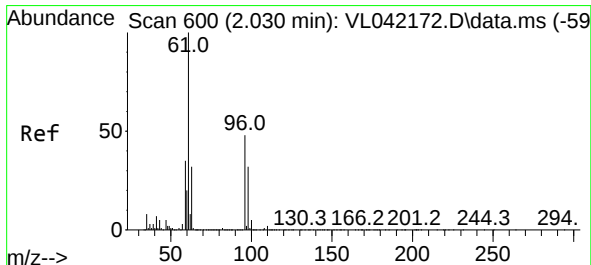
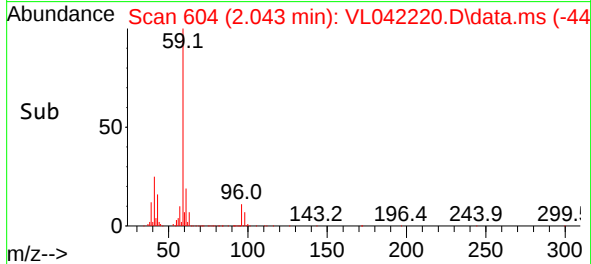
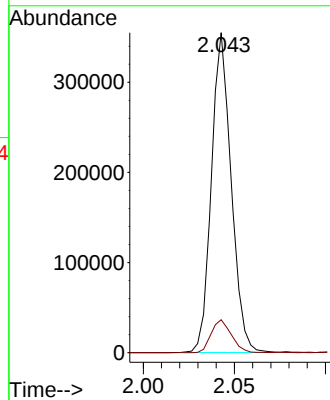
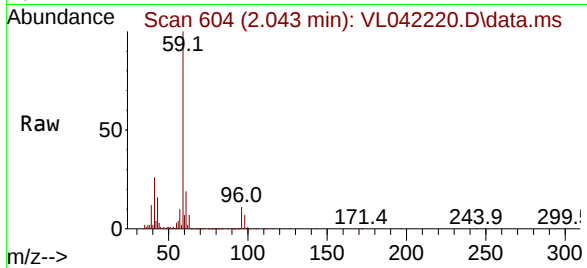
VL0404ABS01

Tgt Ion: 59 Resp: 268750

Ion Ratio Lower Upper

59 100

57 10.8 8.9 13.3



#18

1,1-Dichloroethene

Concen: 8.805 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

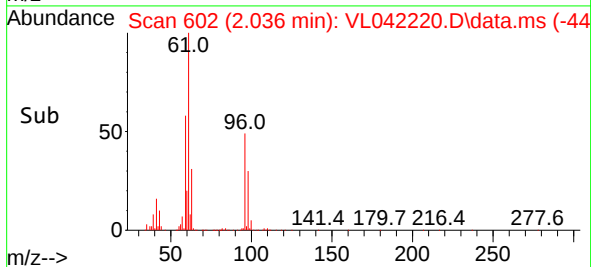
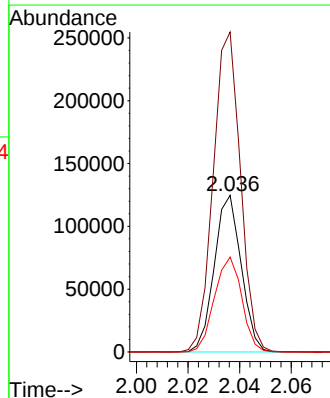
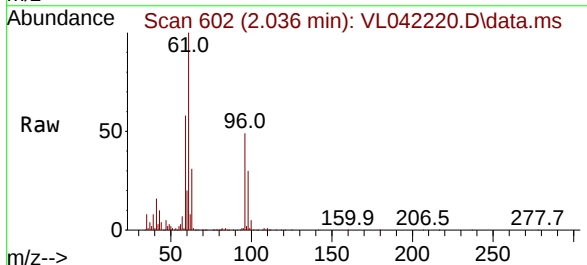
Tgt Ion: 96 Resp: 90266

Ion Ratio Lower Upper

96 100

61 204.2 167.6 251.4

98 60.6 53.5 80.3

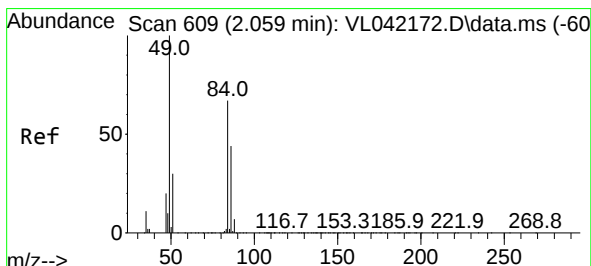
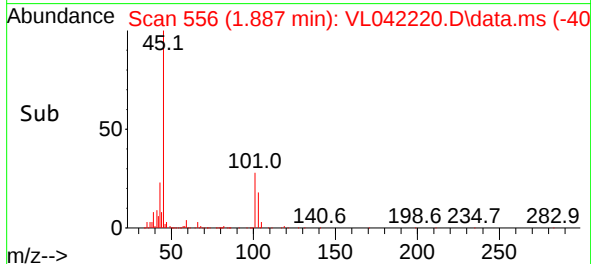
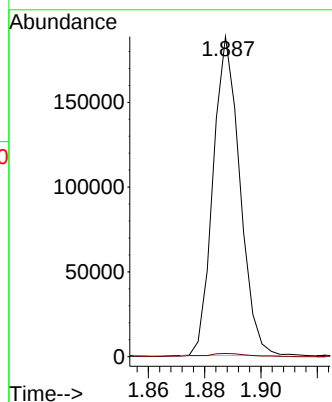
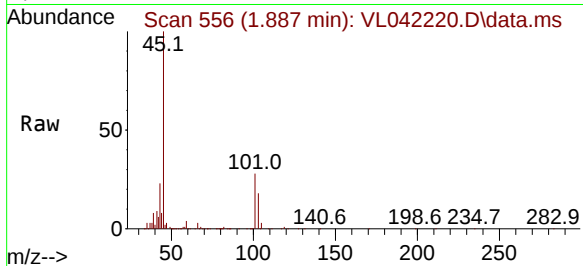




#19
Isopropyl Alcohol
Concen: 8.487 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

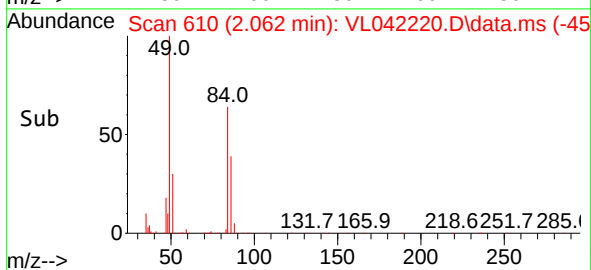
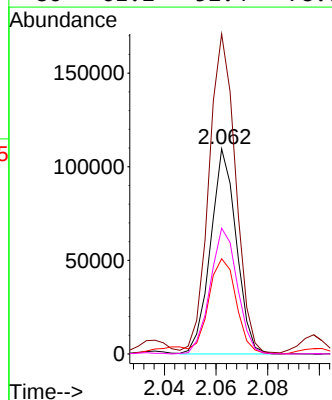
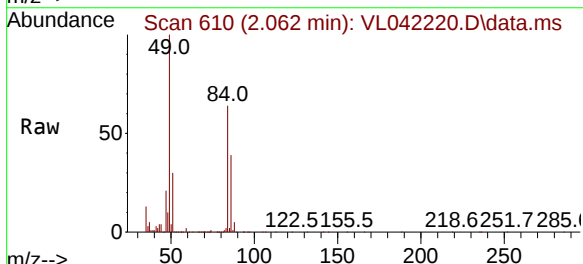
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

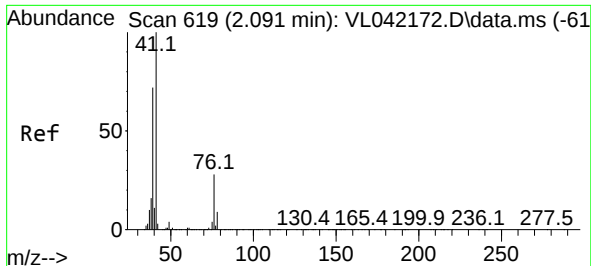
Tgt Ion: 45 Resp: 124365
Ion Ratio Lower Upper
45 100
58 46.7 36.9 55.3



#20
Methylene Chloride
Concen: 7.852 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 84 Resp: 75950
Ion Ratio Lower Upper
84 100
49 155.4 120.2 180.4
51 46.3 37.4 56.0
86 61.2 52.4 78.6

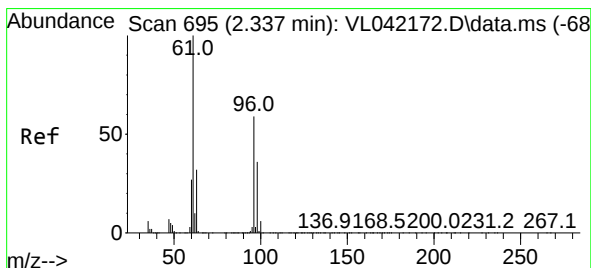
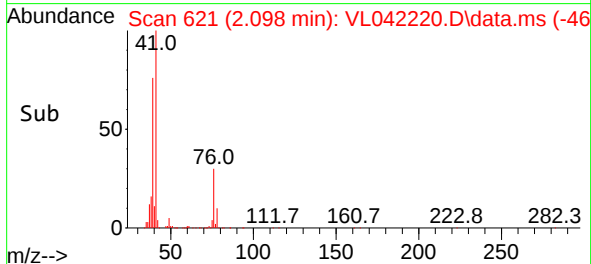
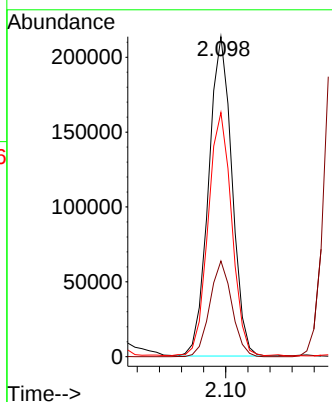
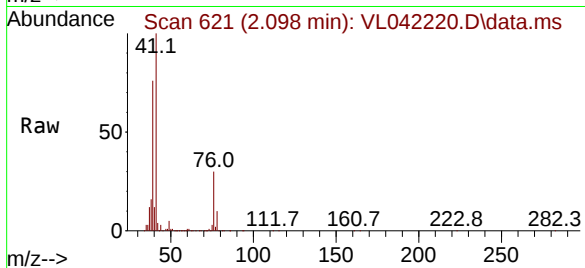




#21
Allyl Chloride
Concen: 8.574 ppbv
RT: 2.098 min Scan# 619
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

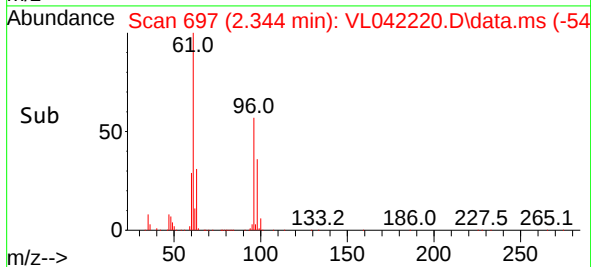
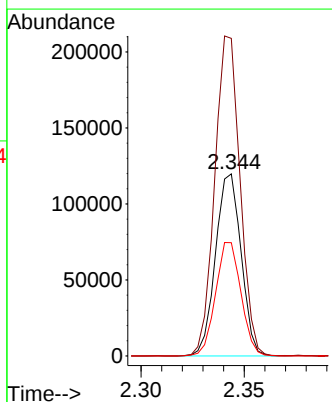
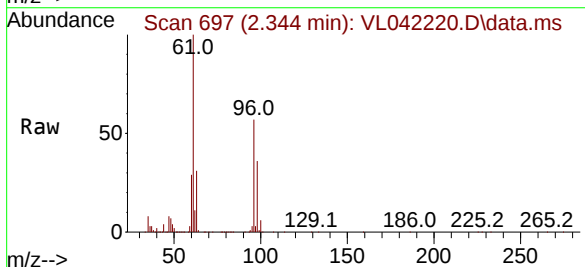
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

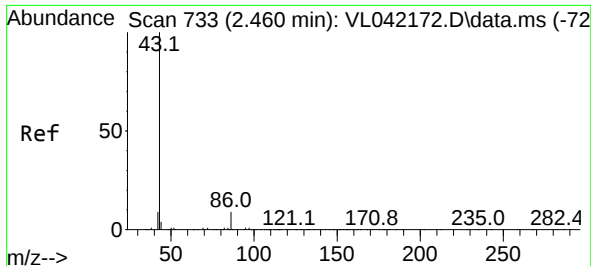
Tgt Ion: 41 Resp: 157041
Ion Ratio Lower Upper
41 100
76 28.3 24.1 36.1
39 76.6 61.1 91.7



#22
trans-1,2-Dichloroethene
Concen: 8.700 ppbv
RT: 2.344 min Scan# 697
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 96 Resp: 103089
Ion Ratio Lower Upper
96 100
61 174.4 136.6 204.8
98 62.2 49.4 74.2

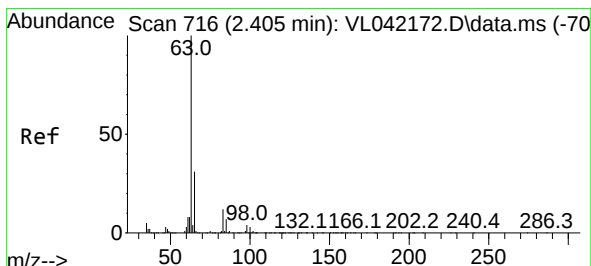
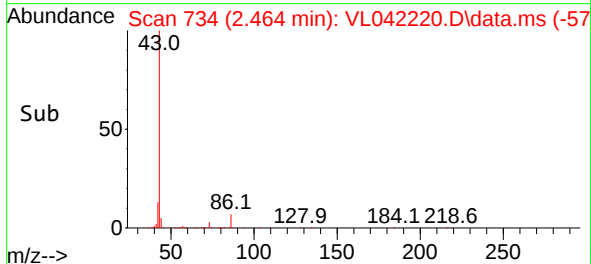
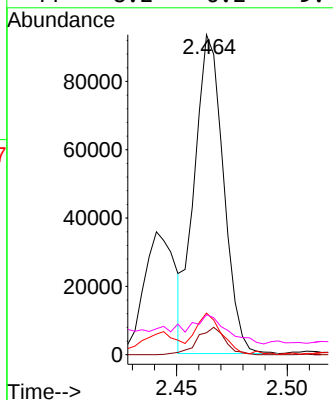
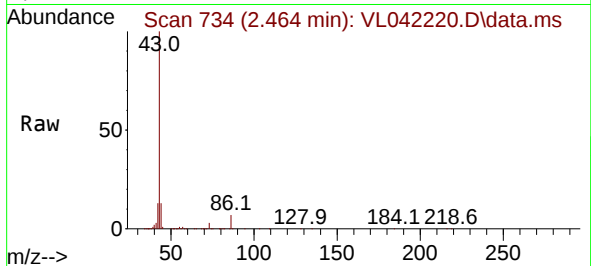




#23
 Vinyl Acetate
 Concen: 7.586 ppbv
 RT: 2.464 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

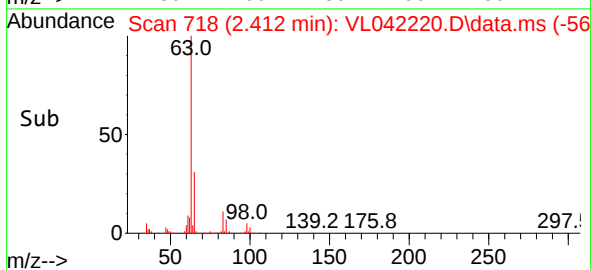
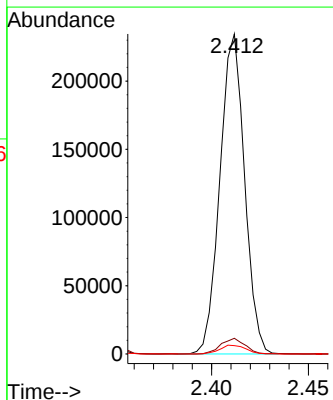
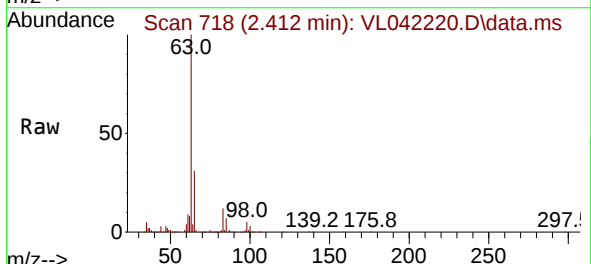
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0404ABS01

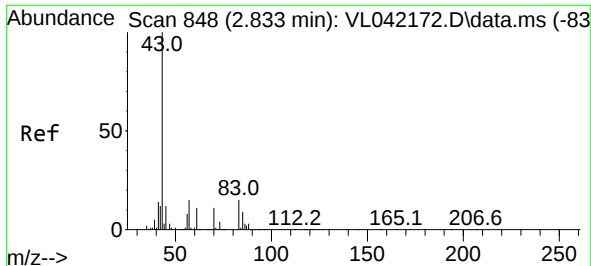
Tgt Ion: 43	Resp: 85276
Ion Ratio	Lower Upper
43 100	
86 6.9	5.5 8.3
42 12.9	8.6 13.0
44 8.2	6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 9.440 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

Tgt Ion: 63	Resp: 207336
Ion Ratio	Lower Upper
63 100	
98 4.9	2.3 6.8
100 2.6	1.6 4.7

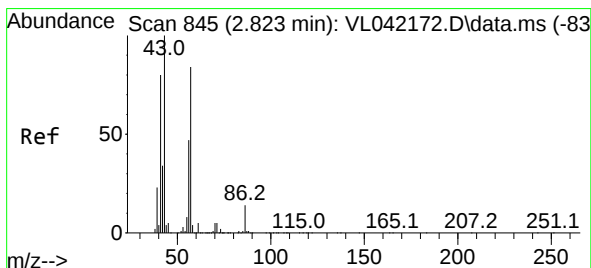
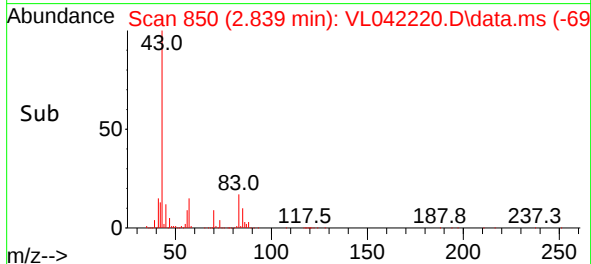
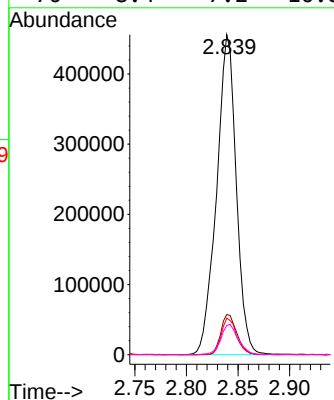
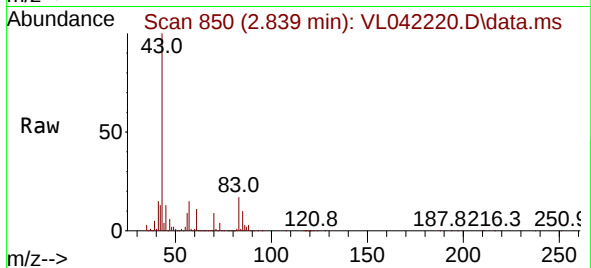




#25
Ethyl Acetate
Concen: 8.977 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

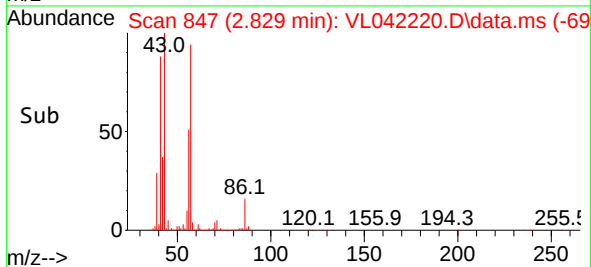
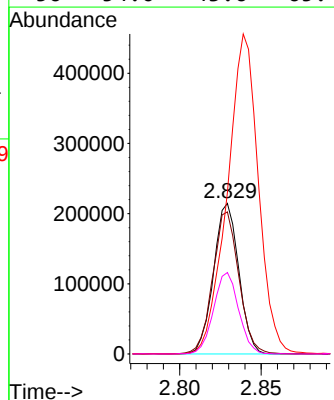
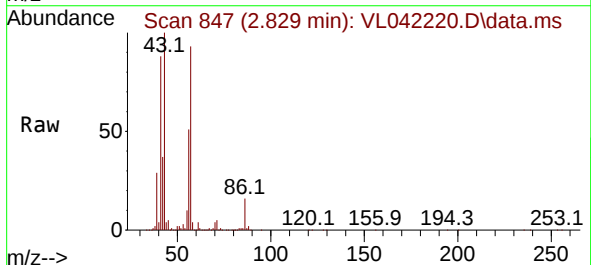
Instrument :
MSVOA_1
ClientSampleId :
VL0404ABS01

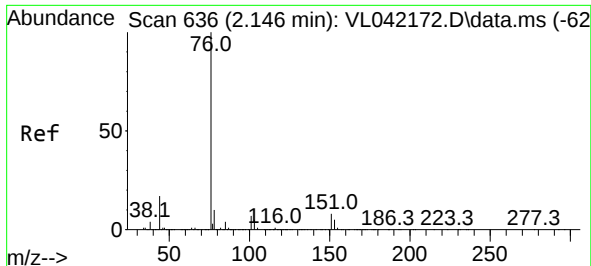
Tgt Ion: 43 Resp: 605091
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 8.9 7.3 10.9
70 8.4 7.2 10.8



#26
Hexane
Concen: 8.841 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 57 Resp: 230193
Ion Ratio Lower Upper
57 100
41 97.8 76.6 114.8
43 263.4 207.8 311.8
56 54.0 43.6 65.4

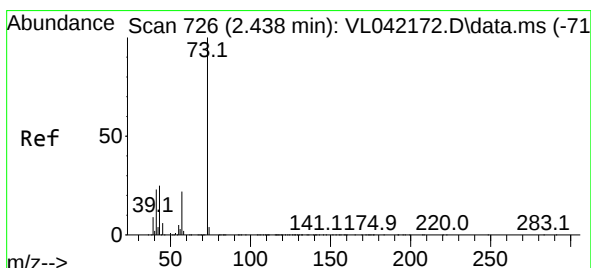
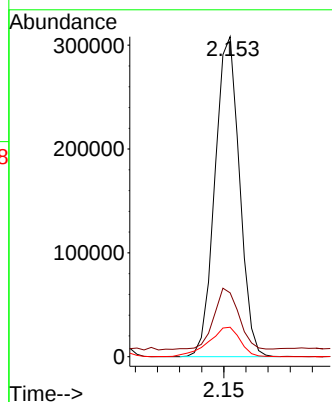
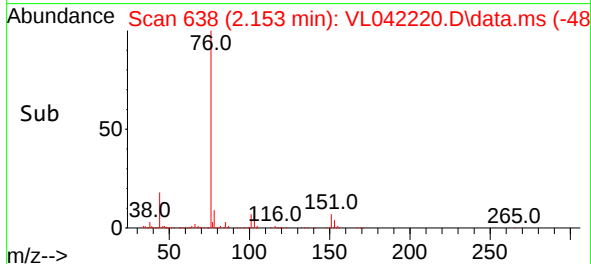
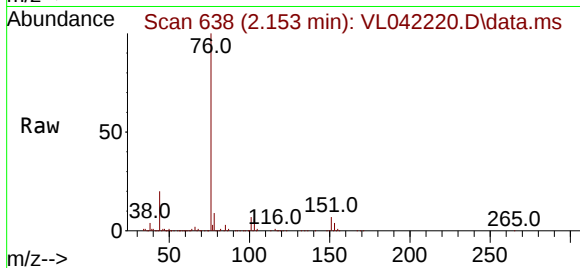




#27
Carbon Disulfide
Concen: 8.511 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

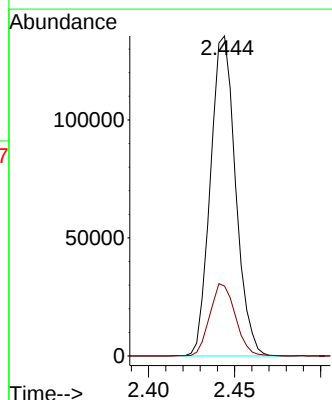
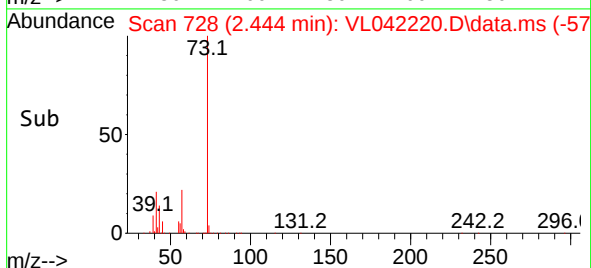
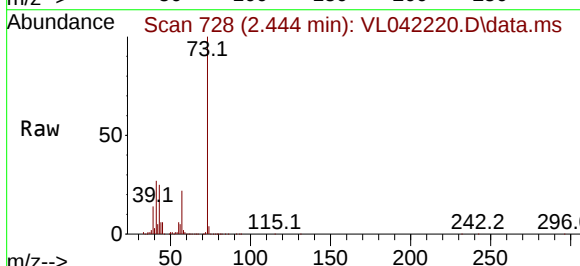
Instrument :
MSVOA_1
ClientSampleId :
VL0404ABS01

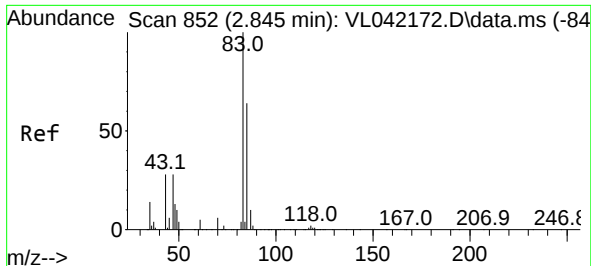
Tgt Ion: 76 Resp: 237628
Ion Ratio Lower Upper
76 100
44 22.7 14.7 22.1#
78 11.7 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.508 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 73 Resp: 137912
Ion Ratio Lower Upper
73 100
57 23.1 20.5 30.7

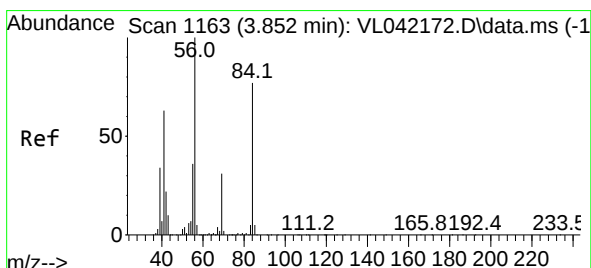
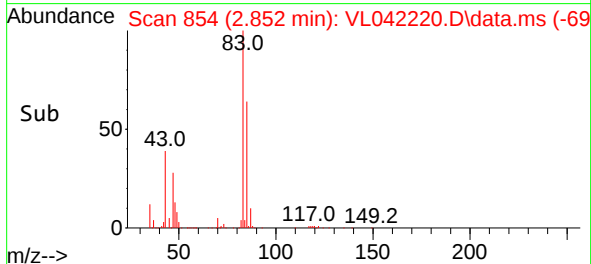
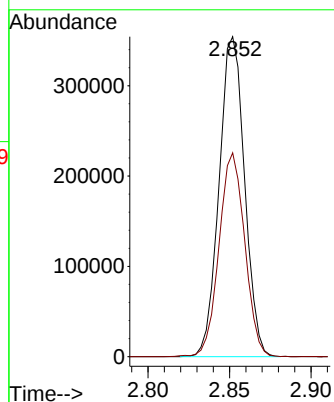
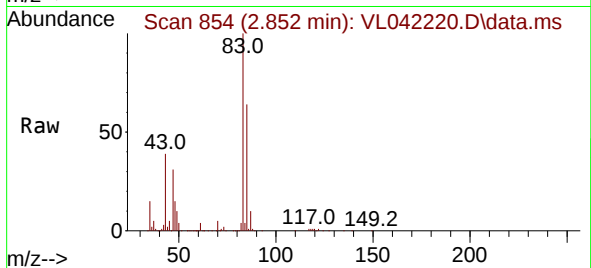




#29
Chloroform
Concen: 10.087 ppbv
RT: 2.852 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

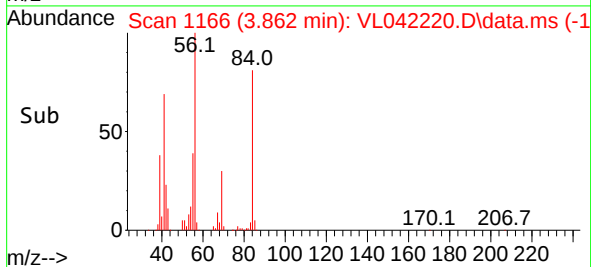
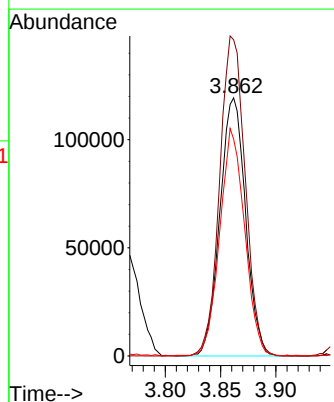
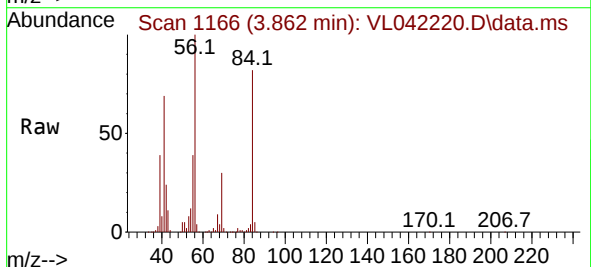
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

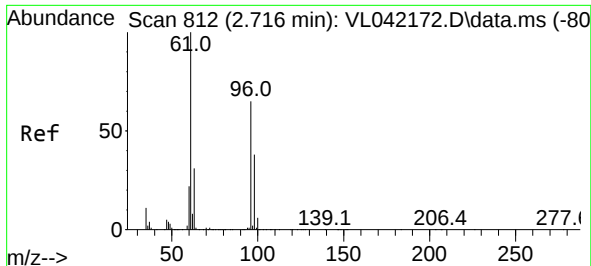
Tgt Ion: 83 Resp: 384364
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2



#30
Cyclohexane
Concen: 8.509 ppbv
RT: 3.862 min Scan# 1166
Delta R.T. 0.010 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 84 Resp: 192377
Ion Ratio Lower Upper
84 100
56 123.2 102.8 154.2
41 85.4 66.5 99.7

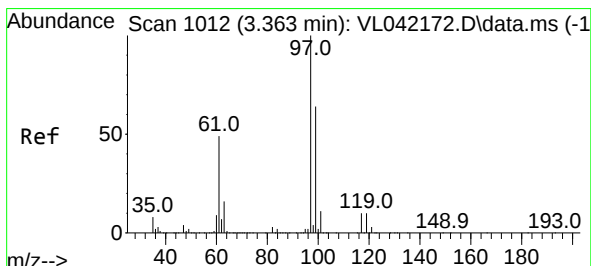
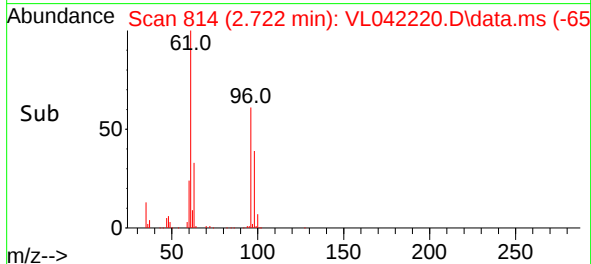
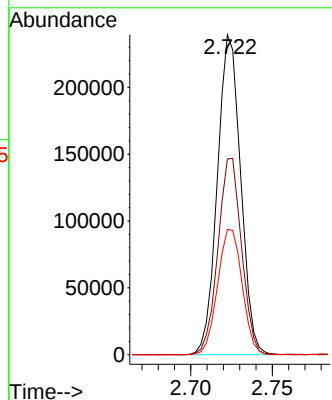
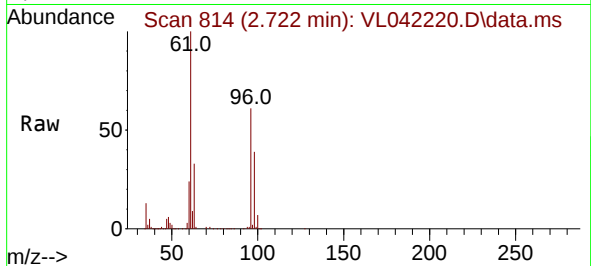




#31
 cis-1,2-Dichloroethene
 Concen: 8.993 ppbv
 RT: 2.722 min Scan# 812
 Delta R.T. 0.006 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

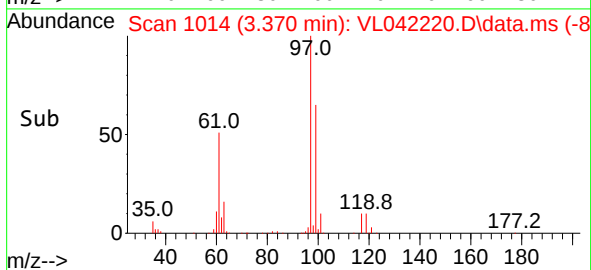
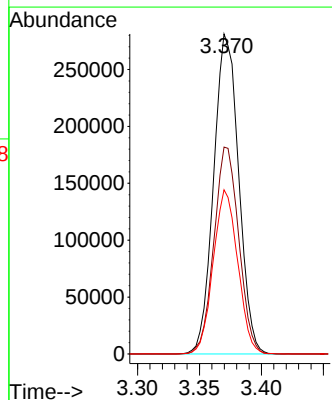
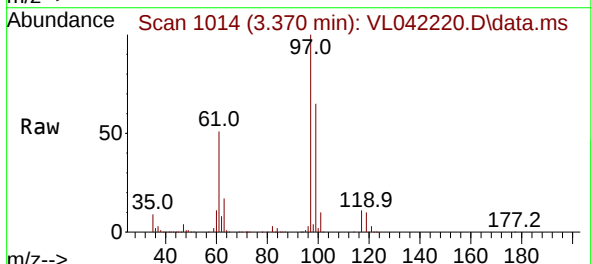
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0404ABS01

Tgt Ion: 61 Resp: 237721
 Ion Ratio Lower Upper
 61 100
 96 61.1 51.8 77.8
 98 39.1 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 9.085 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.006 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

Tgt Ion: 97 Resp: 396331
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.5 77.3
 61 50.2 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

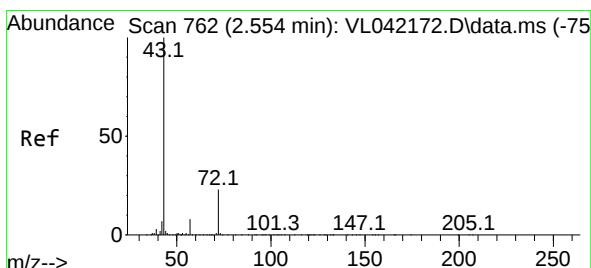
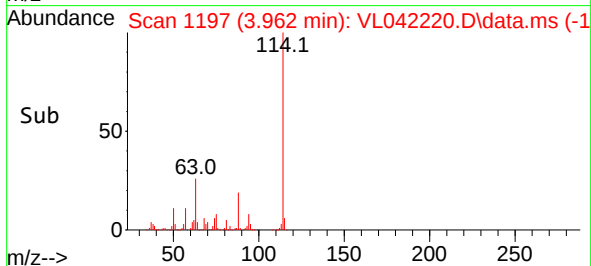
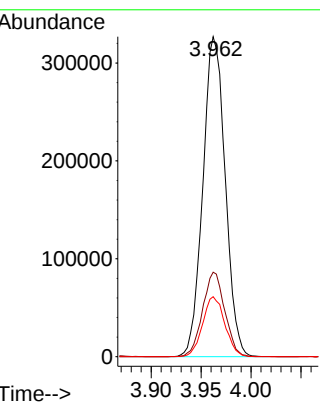
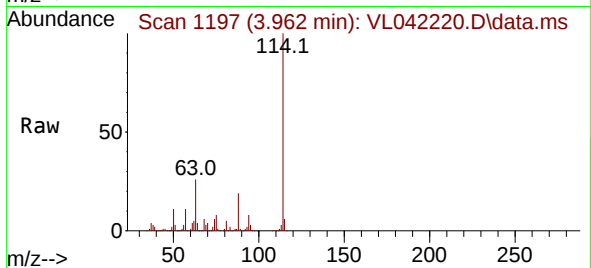
Tgt Ion:114 Resp: 509064

Ion Ratio Lower Upper

114 100

63 26.2 20.7 31.1

88 18.6 15.0 22.4



#34

2-Butanone

Concen: 9.197 ppbv

RT: 2.561 min Scan# 764

Delta R.T. 0.006 min

Lab File: VL042220.D

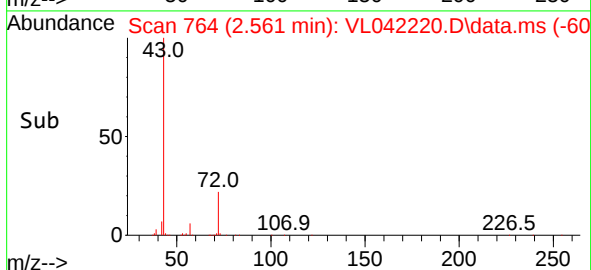
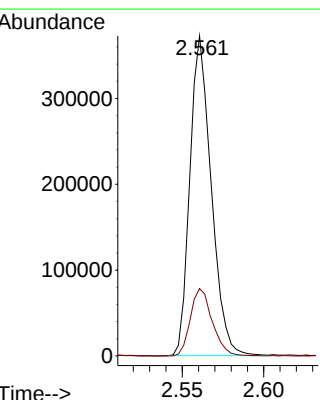
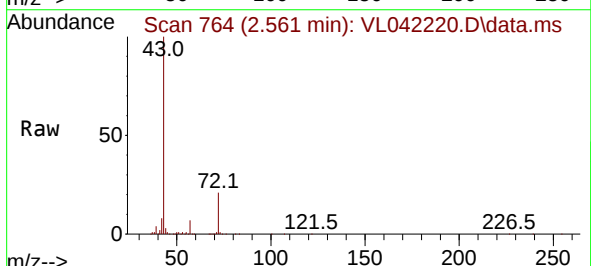
Acq: 04 Apr 2025 11:55

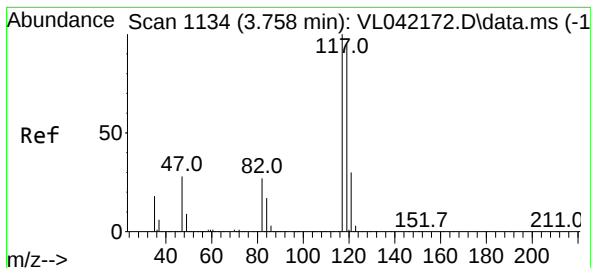
Tgt Ion: 43 Resp: 339503

Ion Ratio Lower Upper

43 100

72 21.7 18.2 27.2





#35

Carbon Tetrachloride

Concen: 10.334 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

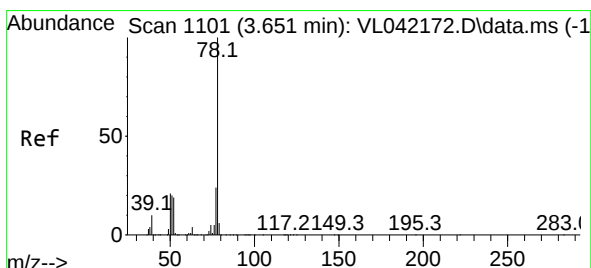
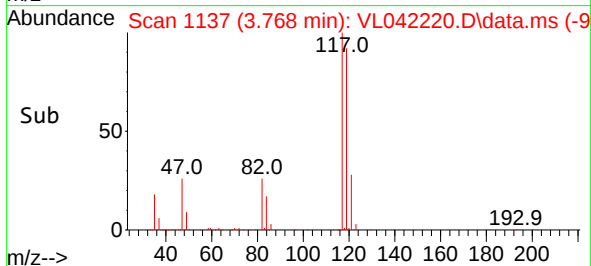
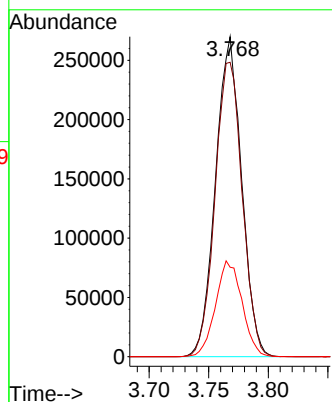
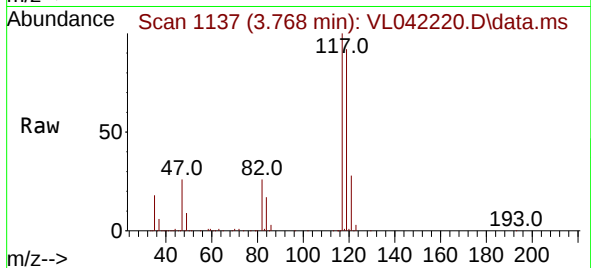
Tgt Ion:117 Resp: 410967

Ion Ratio Lower Upper

117 100

119 92.0 76.2 114.2

121 28.0 24.2 36.4



#36

Benzene

Concen: 9.207 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

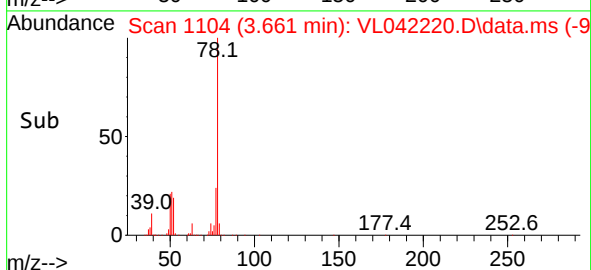
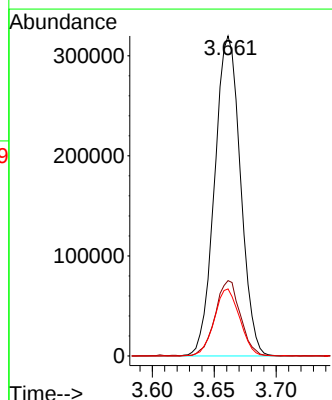
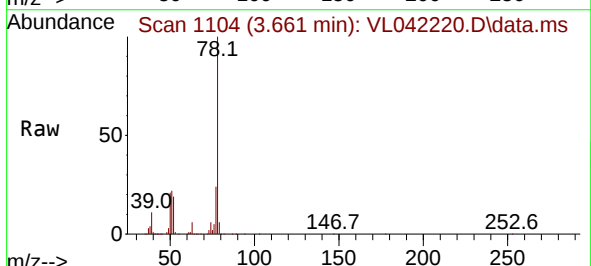
Tgt Ion: 78 Resp: 464642

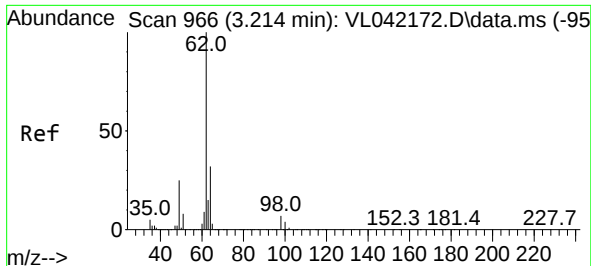
Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

50 21.0 16.6 24.8





#37

1,2-Dichloroethane

Concen: 10.607 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

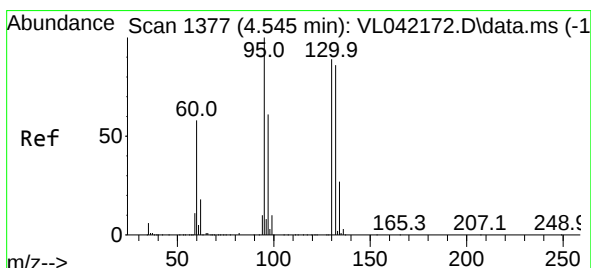
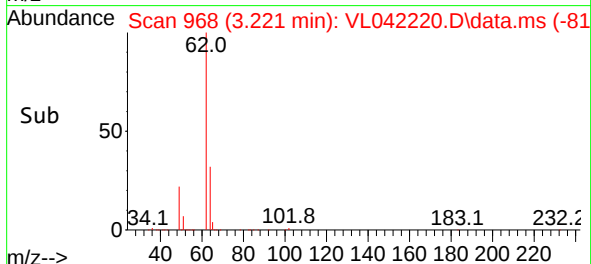
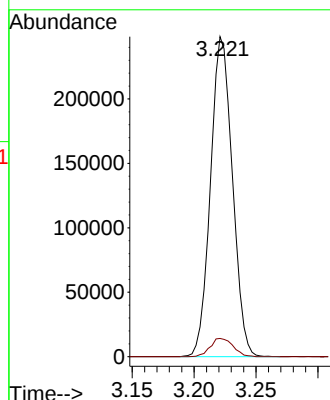
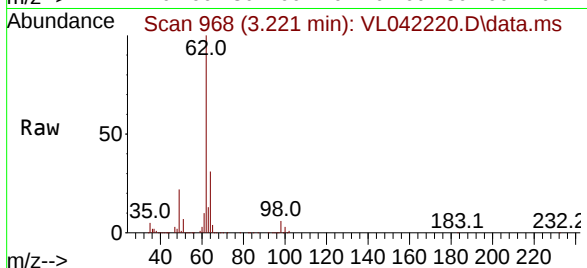
VL0404ABS01

Tgt Ion: 62 Resp: 306471

Ion Ratio Lower Upper

62 100

98 5.9 5.4 8.2



#38

Trichloroethene

Concen: 9.057 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Tgt Ion:130 Resp: 190707

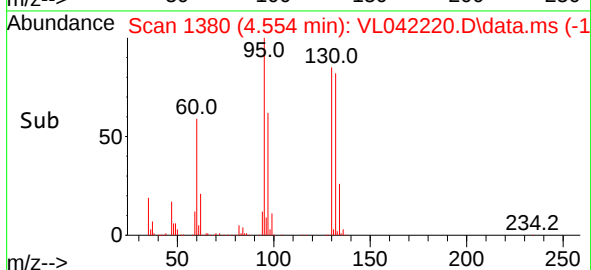
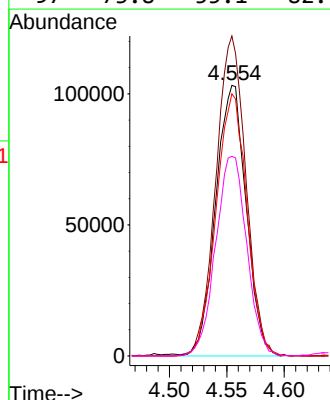
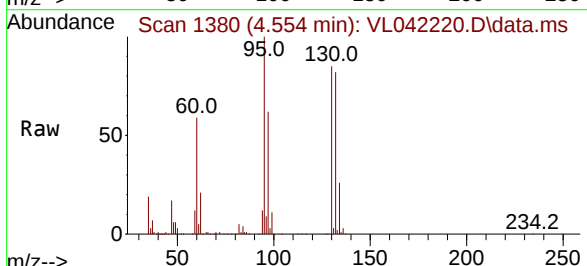
Ion Ratio Lower Upper

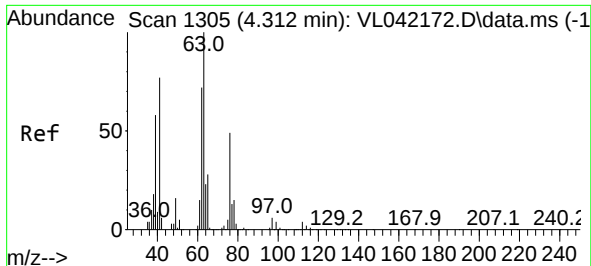
130 100

95 118.0 89.8 134.8

132 96.8 77.4 116.2

97 73.8 55.1 82.7





#39

1,2-Dichloropropane

Concen: 9.065 ppbv

RT: 4.321 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

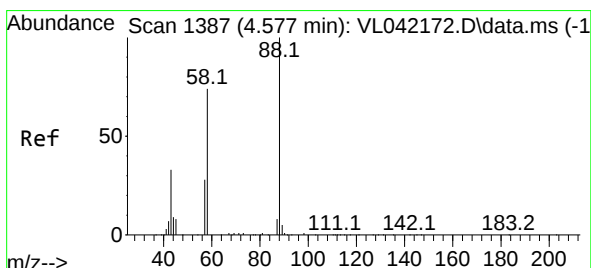
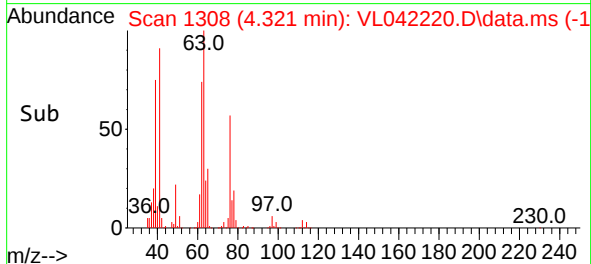
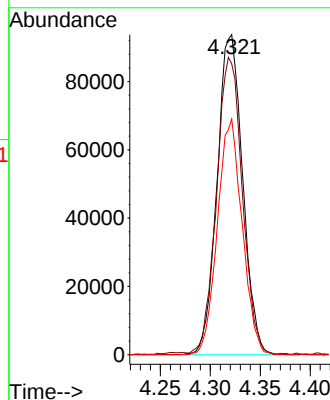
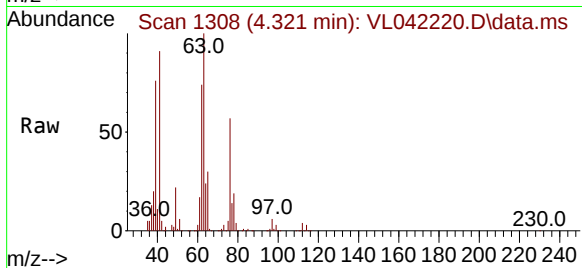
Tgt Ion: 63 Resp: 166615

Ion Ratio Lower Upper

63 100

41 90.5 61.7 92.5

62 73.6 57.6 86.4



#40

1,4-Dioxane

Concen: 8.742 ppbv

RT: 4.587 min Scan# 1390

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Tgt Ion: 88 Resp: 85279

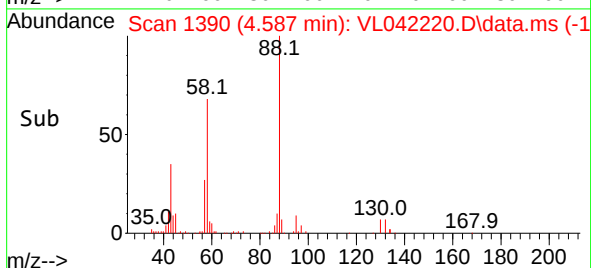
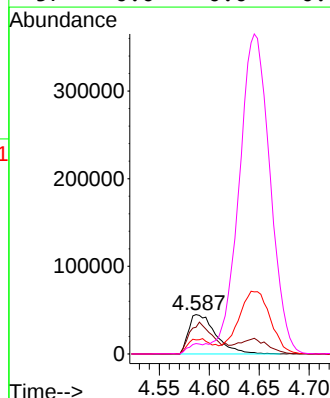
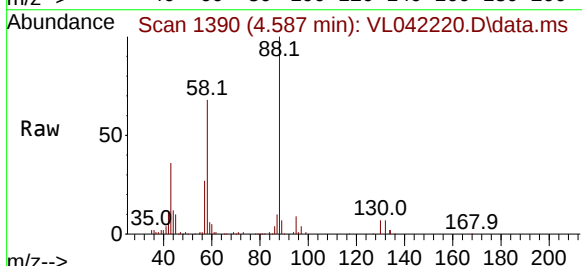
Ion Ratio Lower Upper

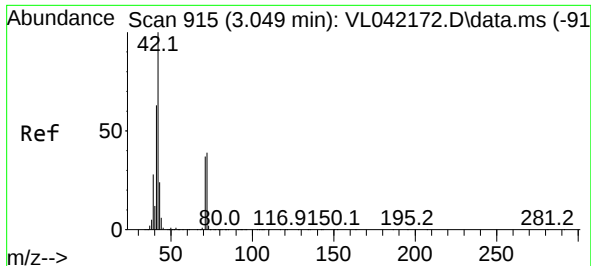
88 100

58 73.5 62.7 94.1

43 30.2 23.0 34.4

57 0.0 0.0 0.0

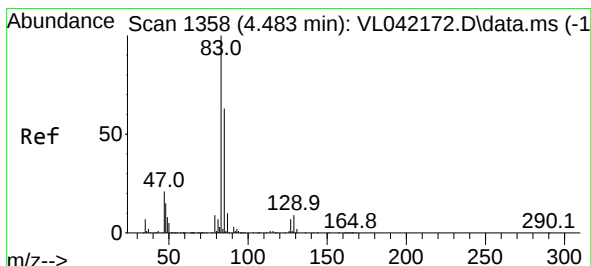
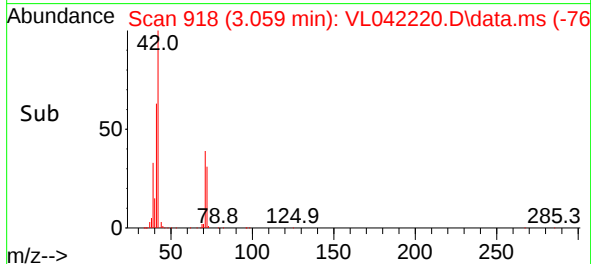
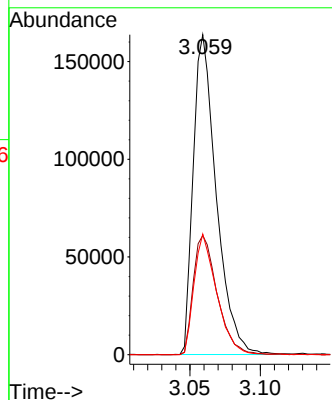
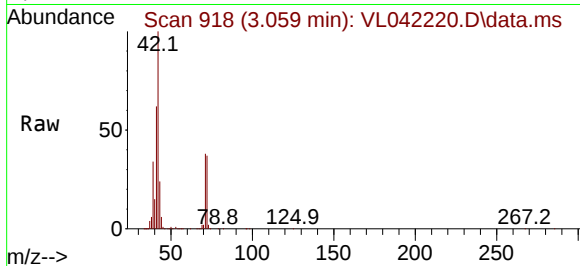




#41
Tetrahydrofuran
Concen: 8.782 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

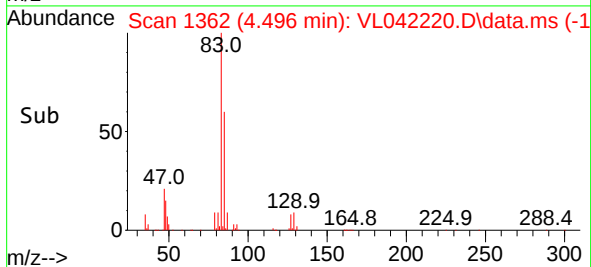
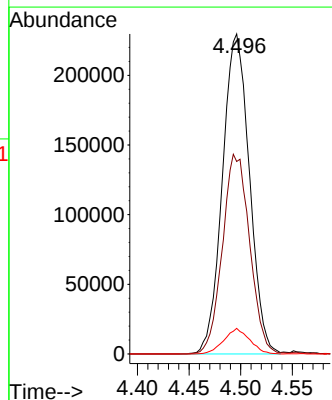
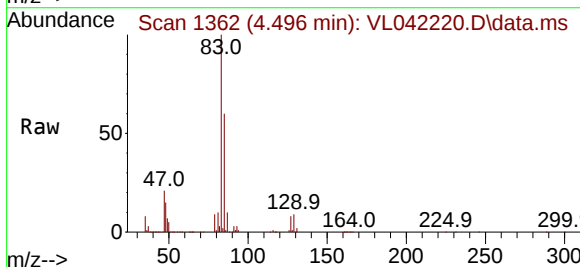
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

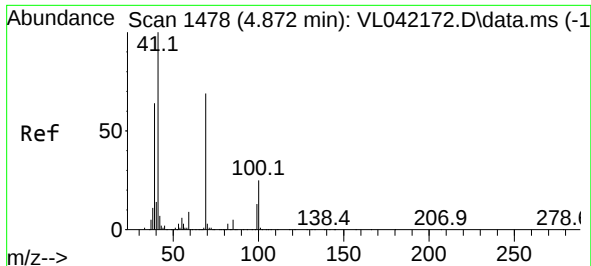
Tgt Ion: 42 Resp: 186669
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.0
71 37.0 30.2 45.4



#42
Bromodichloromethane
Concen: 10.485 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 83 Resp: 417630
Ion Ratio Lower Upper
83 100
85 60.1 50.5 75.7
127 8.0 5.9 8.9





#43

Methyl Methacrylate

Concen: 8.578 ppbv

RT: 4.888 min Scan# 1483

Delta R.T. 0.016 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_1

ClientSampleId :

VL0404ABS01

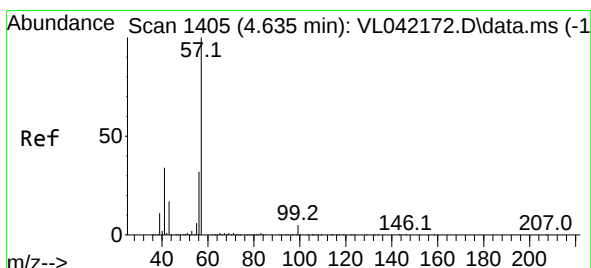
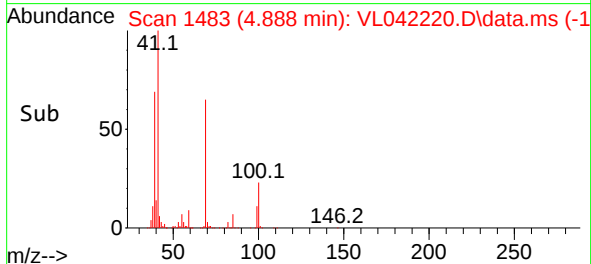
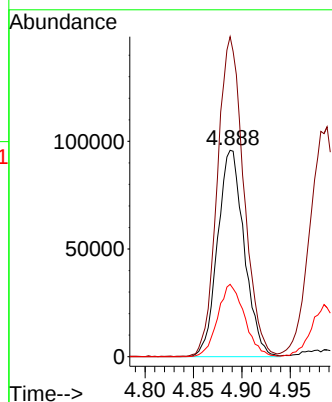
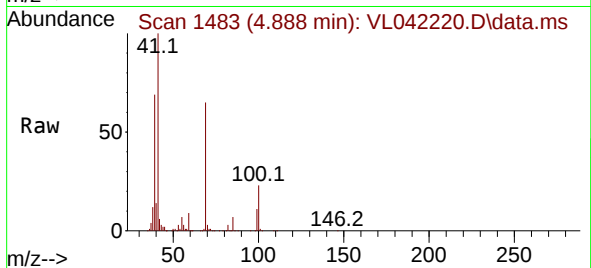
Tgt Ion: 69 Resp: 183270

Ion Ratio Lower Upper

69 100

41 154.2 123.8 185.6

100 35.4 28.4 42.6



#44

2,2,4-Trimethylpentane

Concen: 9.292 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

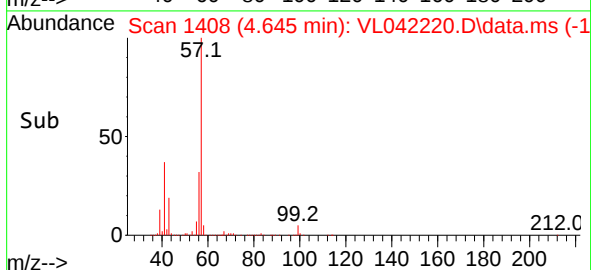
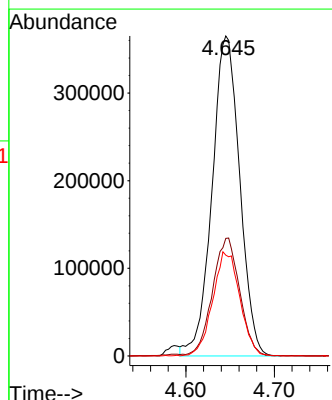
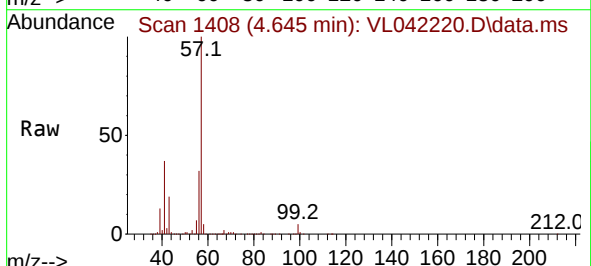
Tgt Ion: 57 Resp: 792460

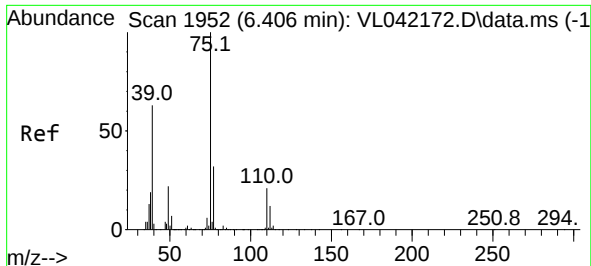
Ion Ratio Lower Upper

57 100

41 36.7 26.8 40.2

56 32.1 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 8.196 ppbv

RT: 6.422 min Scan# 1952

Delta R.T. 0.016 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_1

ClientSampleId :

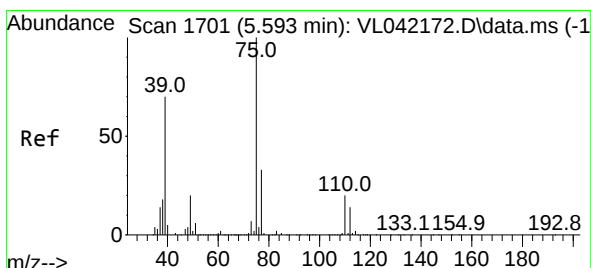
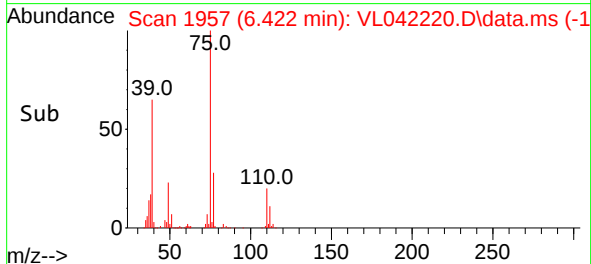
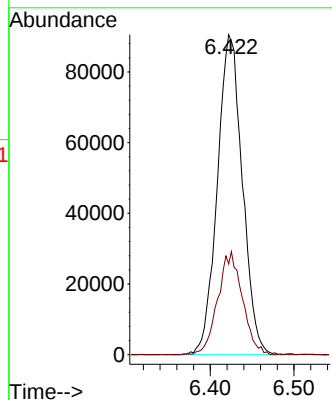
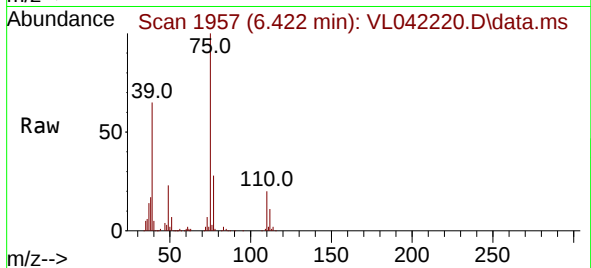
VL0404ABS01

Tgt Ion: 75 Resp: 187871

Ion Ratio Lower Upper

75 100

77 28.4 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 8.378 ppbv

RT: 5.610 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

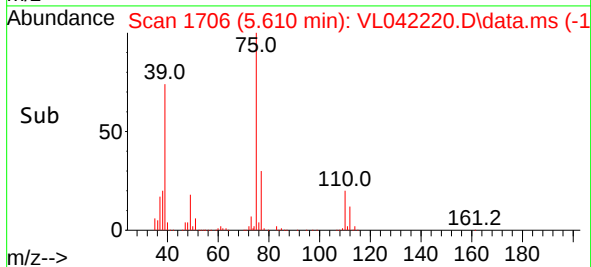
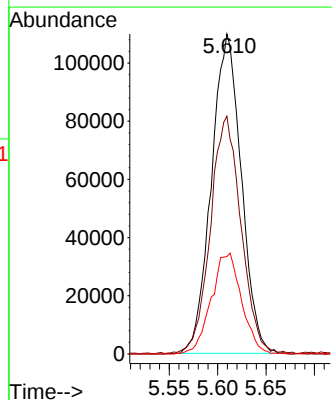
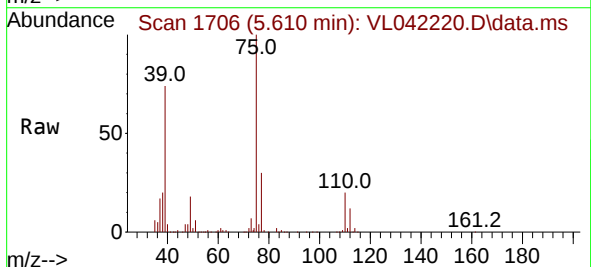
Tgt Ion: 75 Resp: 235408

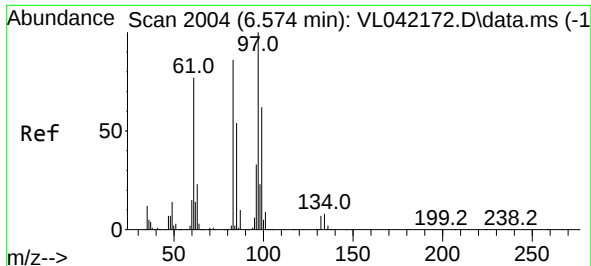
Ion Ratio Lower Upper

75 100

39 73.8 55.8 83.6

77 30.3 26.0 39.0

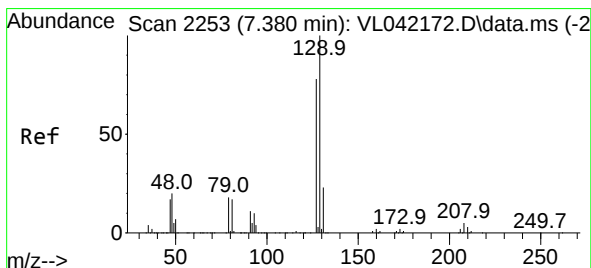
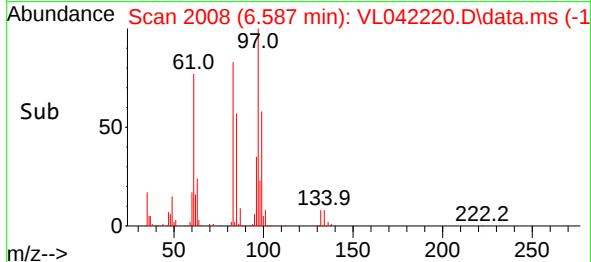
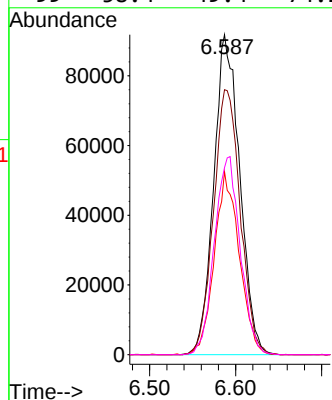
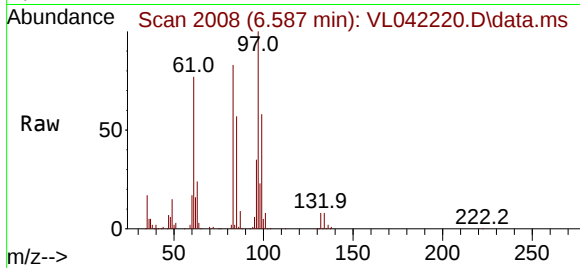




#47
 1,1,2-Trichloroethane
 Concen: 9.926 ppbv
 RT: 6.587 min Scan# 2008
 Delta R.T. 0.013 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

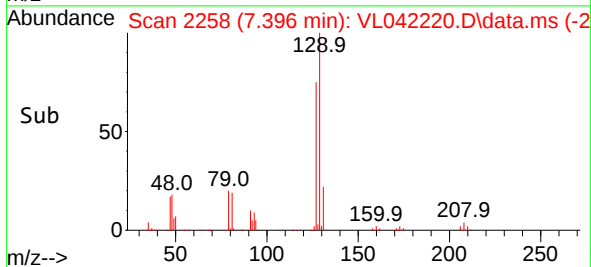
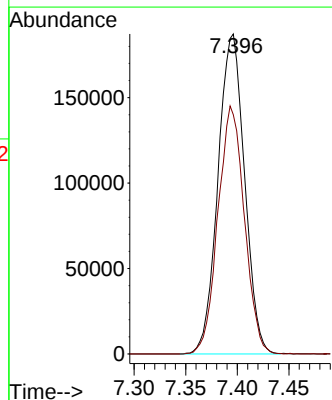
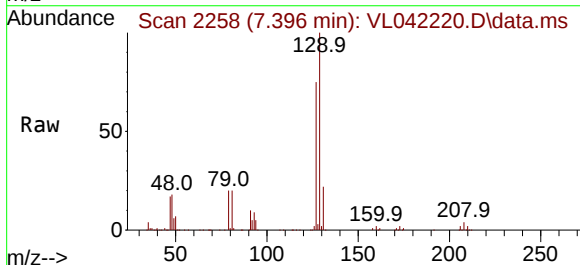
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01

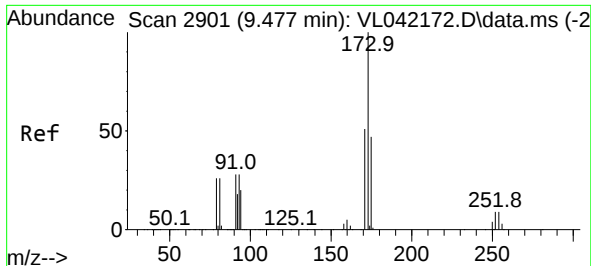
Tgt Ion:	97	Resp:	192846
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.2	103.8
85	57.2	43.1	64.7
99	58.4	49.4	74.2



#48
 Dibromochloromethane
 Concen: 10.171 ppbv
 RT: 7.396 min Scan# 2258
 Delta R.T. 0.016 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

Tgt Ion:	129	Resp:	334902
Ion	Ratio	Lower	Upper
129	100		
127	77.2	39.1	117.2

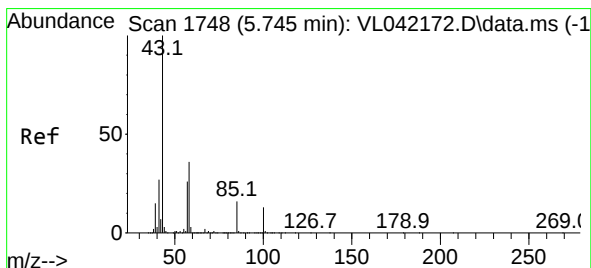
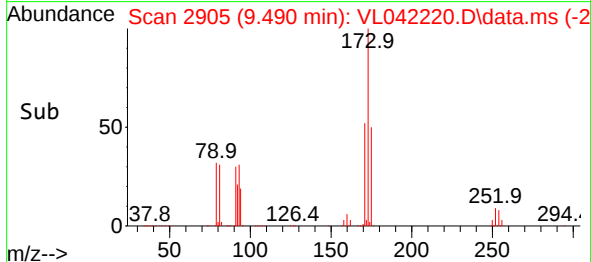
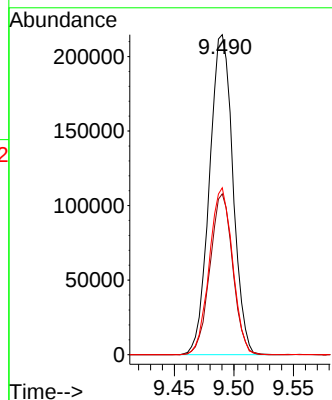
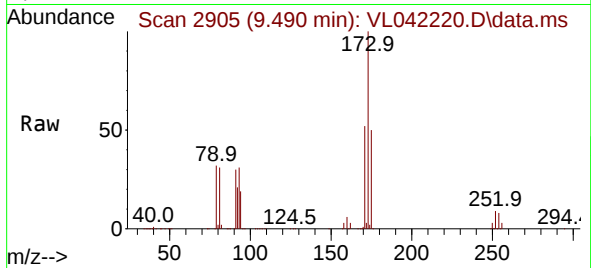




#49
Bromoform
Concen: 9.923 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

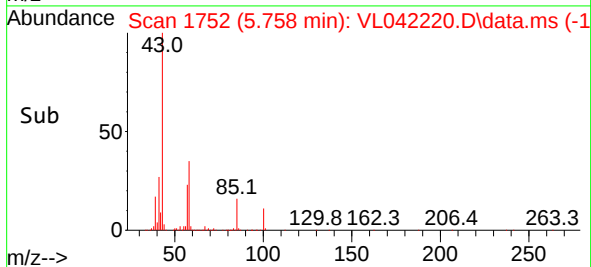
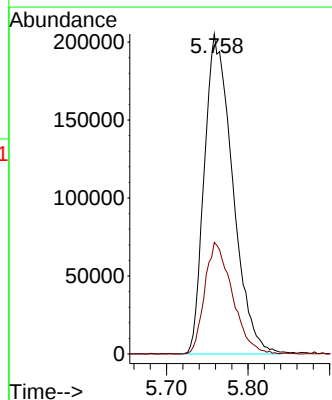
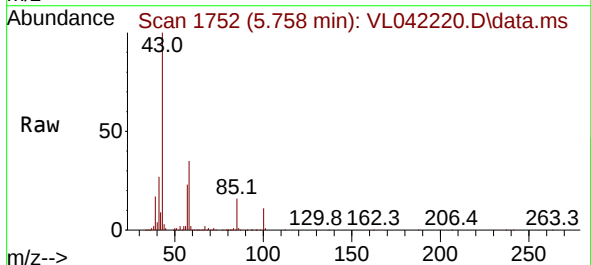
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

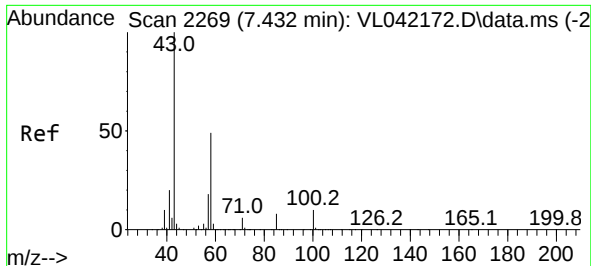
Tgt Ion:173 Resp: 293331
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
171 51.6 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 8.441 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 43 Resp: 493794
Ion Ratio Lower Upper
43 100
58 34.2 29.0 43.6

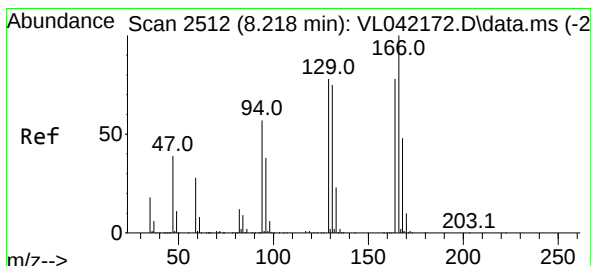
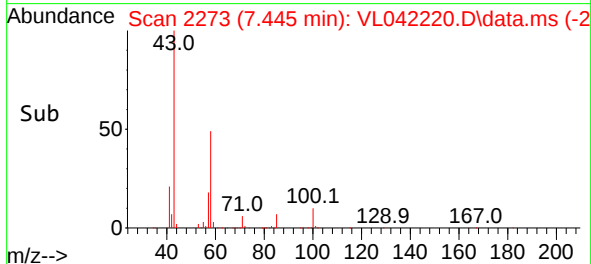
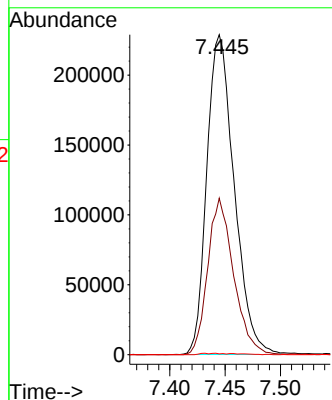
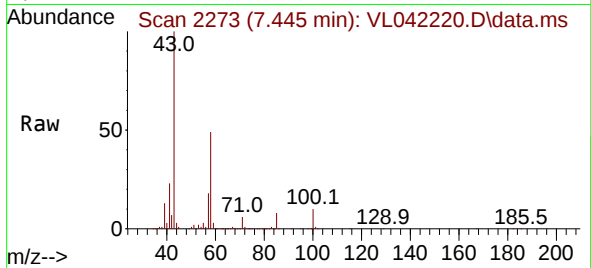




#51
2-Hexanone
Concen: 8.196 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

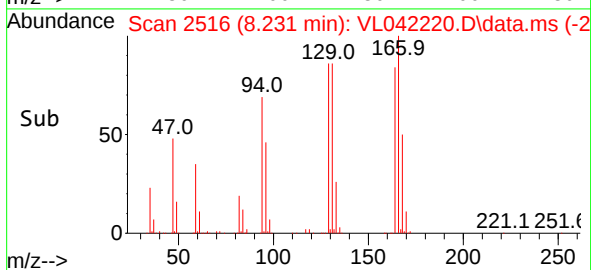
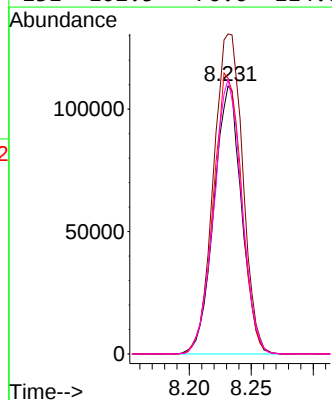
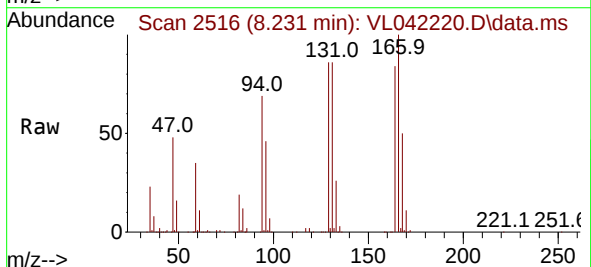
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

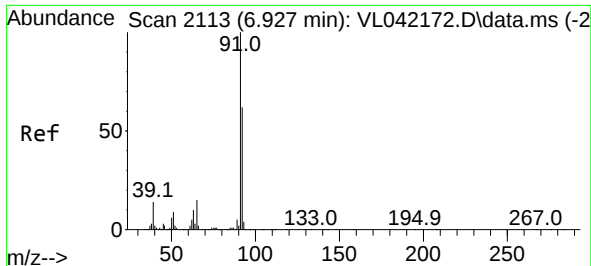
Tgt Ion: 43 Resp: 393716
Ion Ratio Lower Upper
43 100
58 46.5 39.7 59.5
98 0.6 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.514 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 164 Resp: 170397
Ion Ratio Lower Upper
164 100
166 119.5 102.5 153.7
129 103.0 79.8 119.8
131 102.5 76.6 114.8

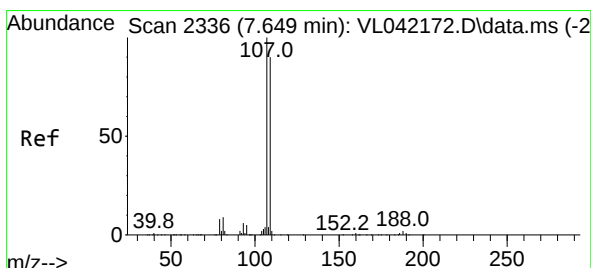
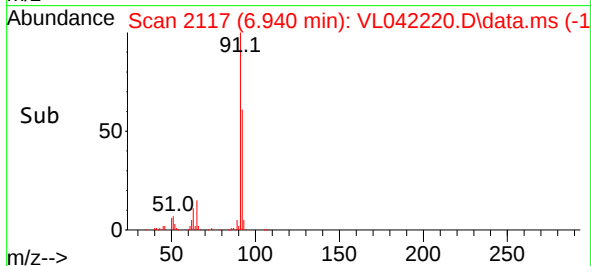
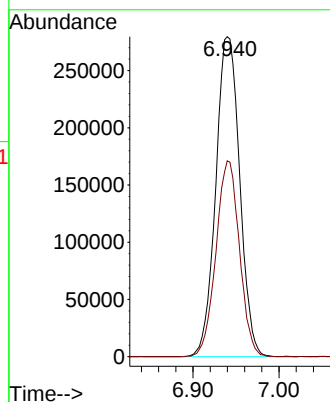
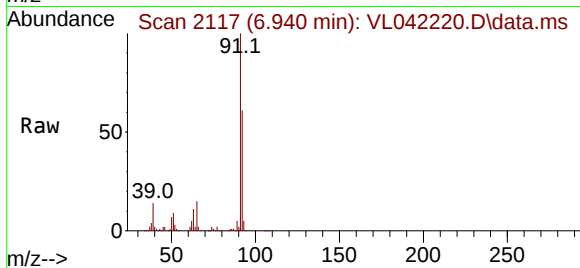




#53
Toluene
Concen: 9.041 ppbv
RT: 6.940 min Scan# 2113
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

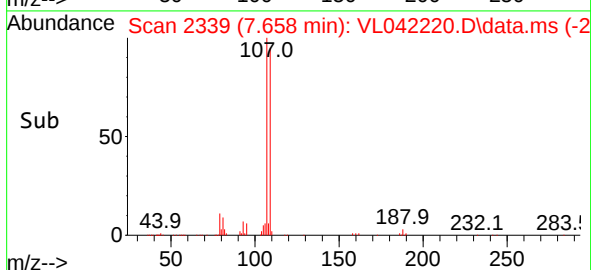
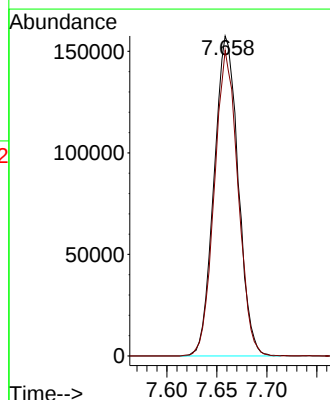
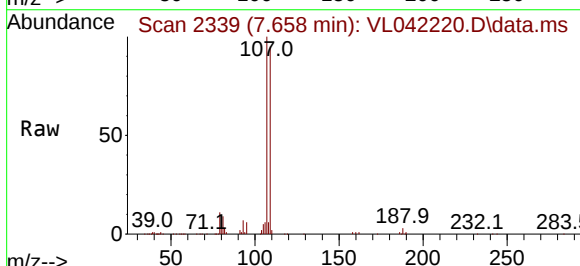
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

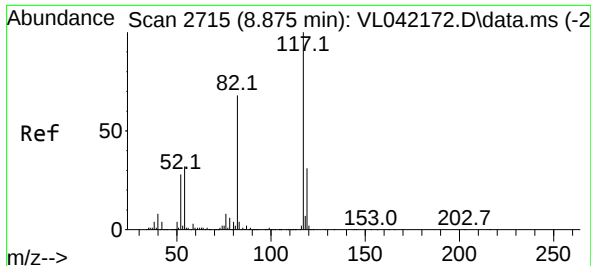
Tgt Ion: 91 Resp: 540865
Ion Ratio Lower Upper
91 100
92 60.0 48.4 72.6



#54
1,2-Dibromoethane
Concen: 9.786 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 107 Resp: 265033
Ion Ratio Lower Upper
107 100
109 95.5 72.2 108.4

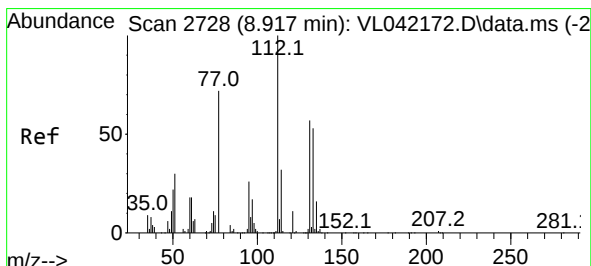
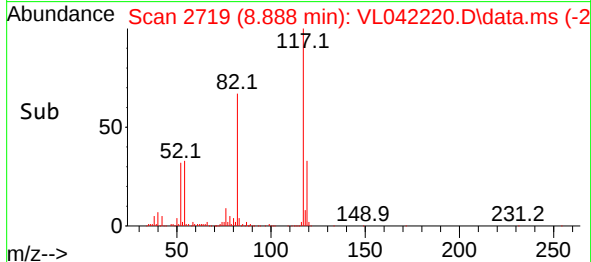
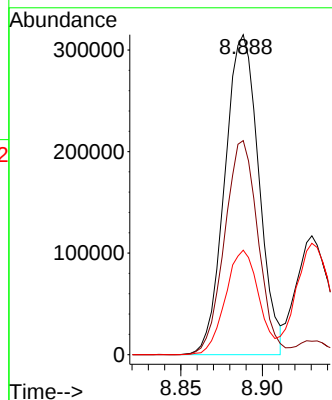
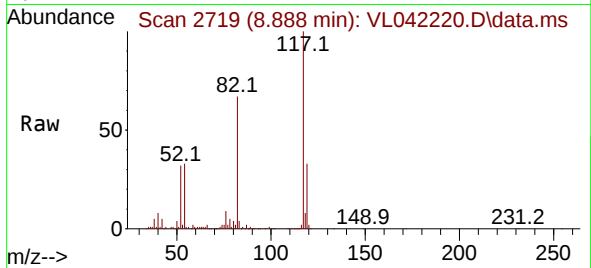




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2173
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

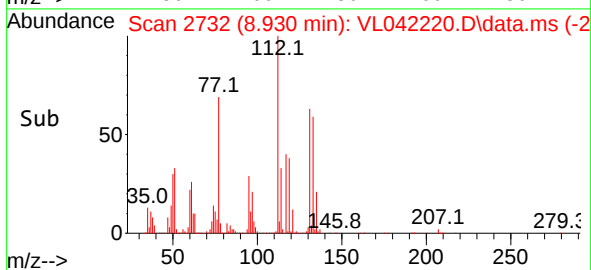
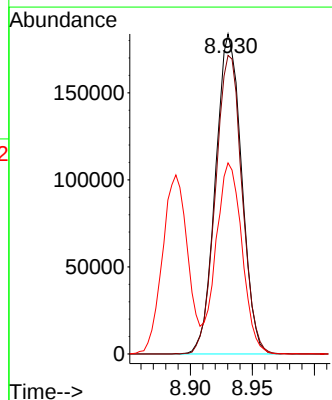
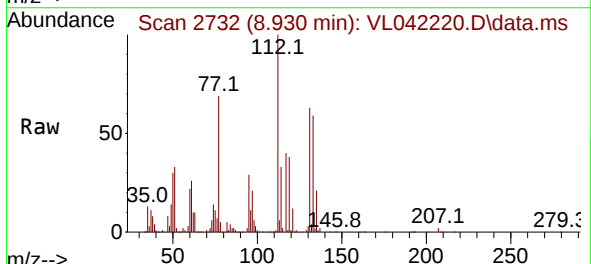
Instrument :
MSVOA_1
ClientSampleId :
VL0404ABS01

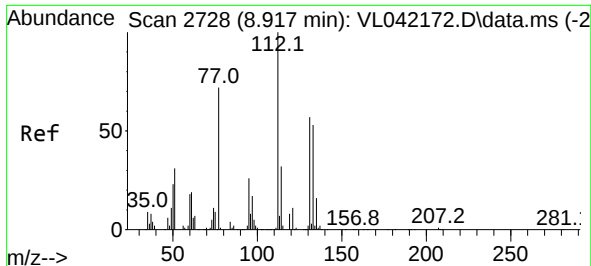
Tgt Ion:117 Resp: 456962
Ion Ratio Lower Upper
117 100
82 70.1 55.8 83.6
119 32.8 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 10.724 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.013 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion:131 Resp: 269744
Ion Ratio Lower Upper
131 100
133 95.1 76.6 114.8
119 61.0 49.8 74.6





#57

Chlorobenzene

Concen: 10.085 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

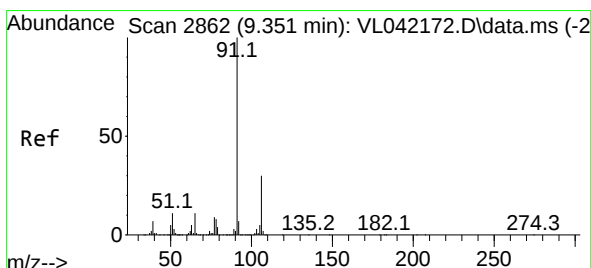
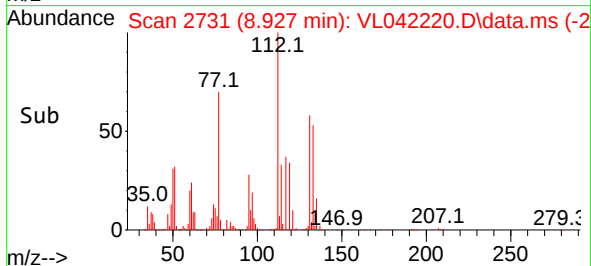
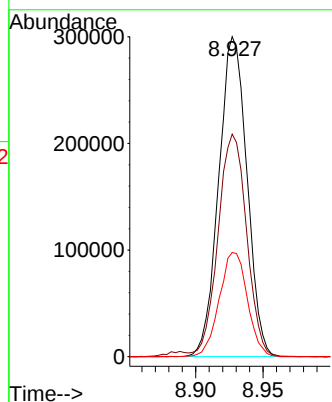
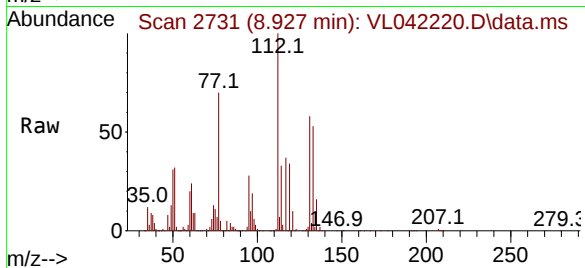
Tgt Ion:112 Resp: 437108

Ion Ratio Lower Upper

112 100

77 69.4 58.2 87.2

114 32.6 29.1 35.5



#58

Ethyl Benzene

Concen: 9.753 ppbv

RT: 9.361 min Scan# 2865

Delta R.T. 0.010 min

Lab File: VL042220.D

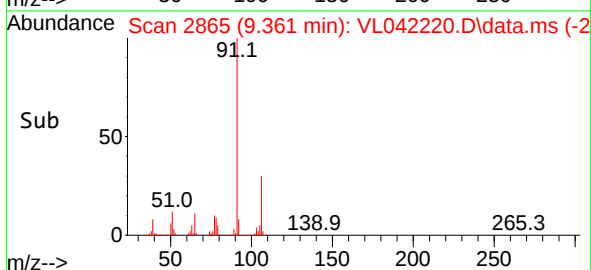
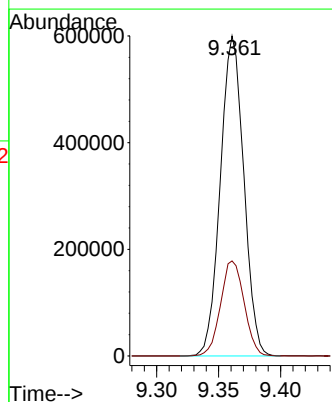
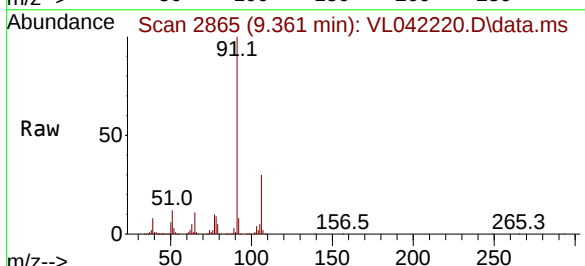
Acq: 04 Apr 2025 11:55

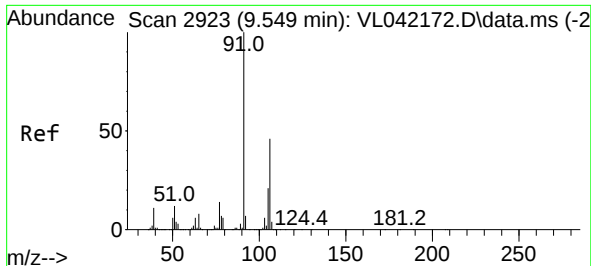
Tgt Ion: 91 Resp: 791626

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.2





#59

m/p-Xylene

Concen: 9.171 ppbv

RT: 9.555 min Scan# 2923

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

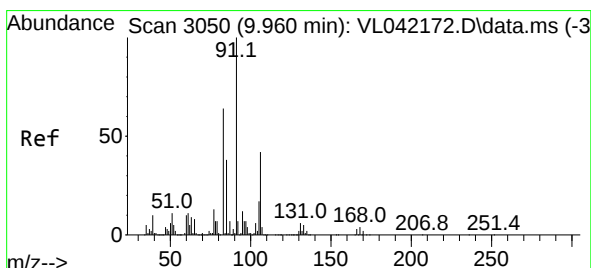
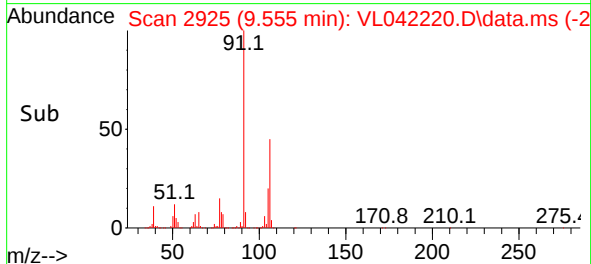
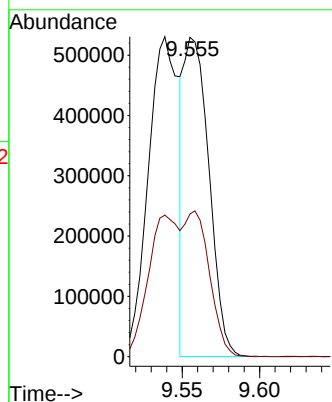
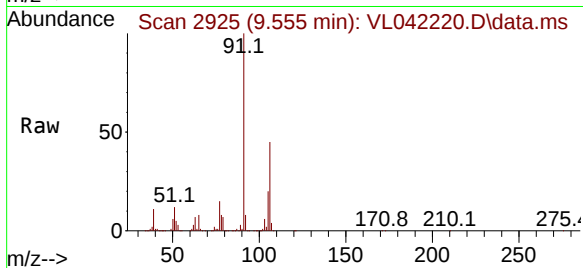
VL0404ABS01

Tgt Ion: 91 Resp: 594417

Ion Ratio Lower Upper

91 100

106 101.6 36.4 54.6#



#60

o-Xylene

Concen: 10.236 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.010 min

Lab File: VL042220.D

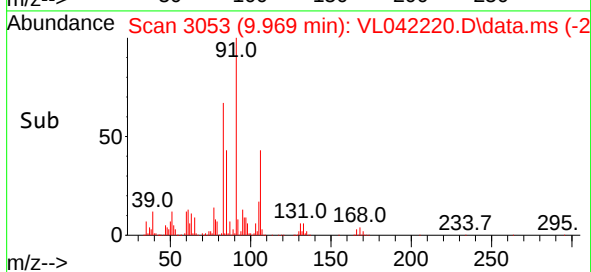
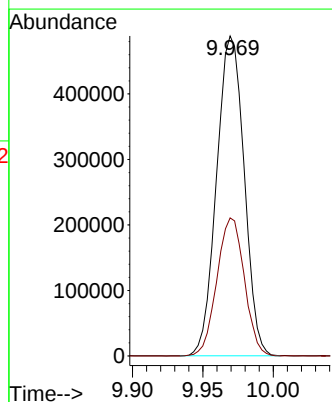
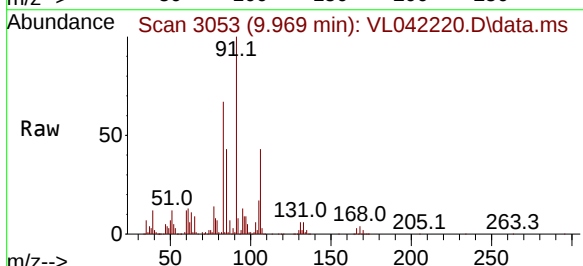
Acq: 04 Apr 2025 11:55

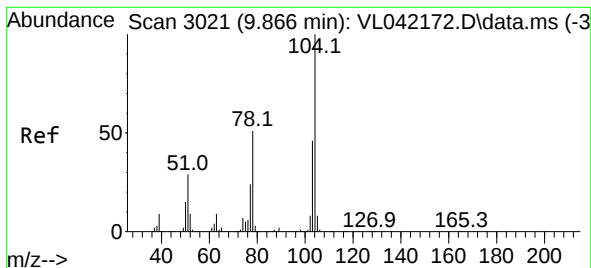
Tgt Ion: 91 Resp: 665062

Ion Ratio Lower Upper

91 100

106 43.0 20.8 62.5





#61

Styrene

Concen: 9.470 ppbv

RT: 9.875 min Scan# 3021

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

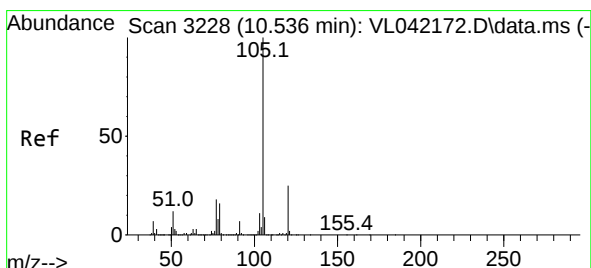
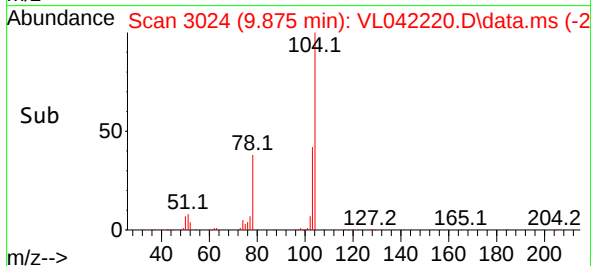
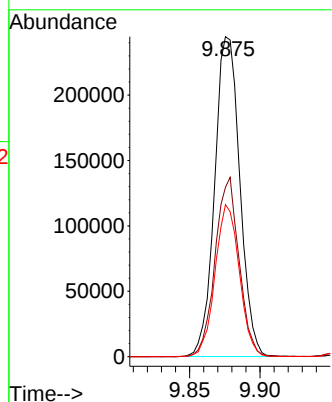
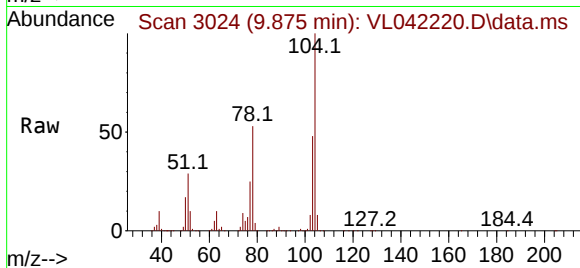
Tgt Ion:104 Resp: 304392

Ion Ratio Lower Upper

104 100

78 53.3 41.8 62.6

103 46.0 37.0 55.4



#62

Isopropylbenzene

Concen: 10.383 ppbv

RT: 10.545 min Scan# 3231

Delta R.T. 0.010 min

Lab File: VL042220.D

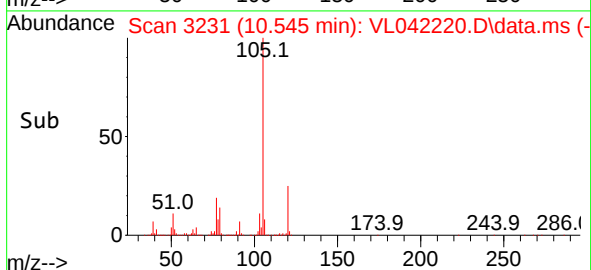
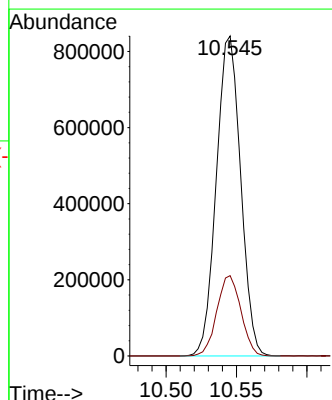
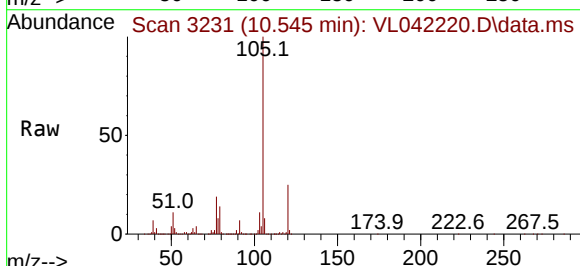
Acq: 04 Apr 2025 11:55

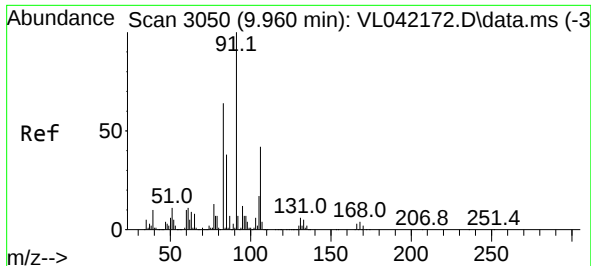
Tgt Ion:105 Resp: 1008886

Ion Ratio Lower Upper

105 100

120 24.9 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 10.694 ppbv

RT: 9.969 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

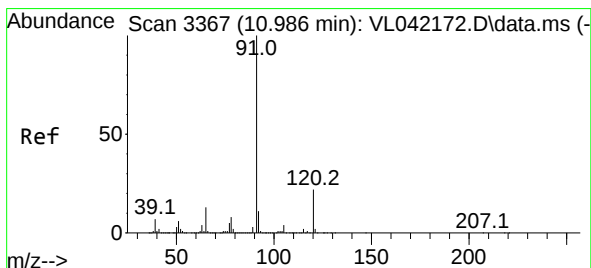
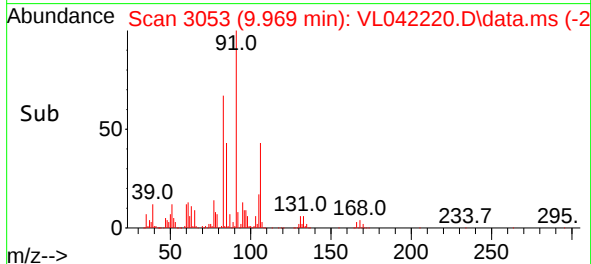
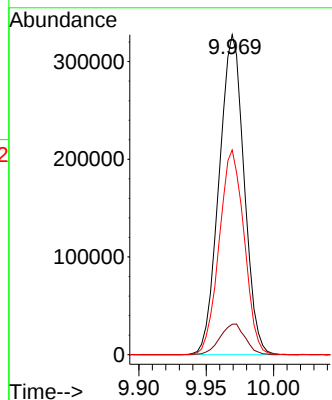
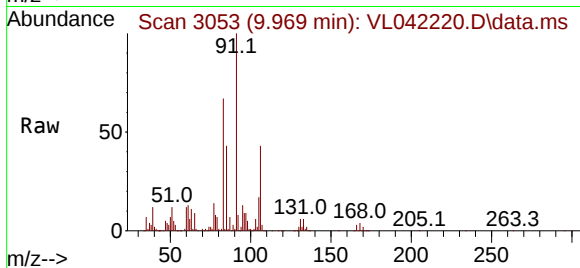
Tgt Ion: 83 Resp: 422180

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 64.0 32.5 97.5



#64

n-propylbenzene

Concen: 10.543 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.010 min

Lab File: VL042220.D

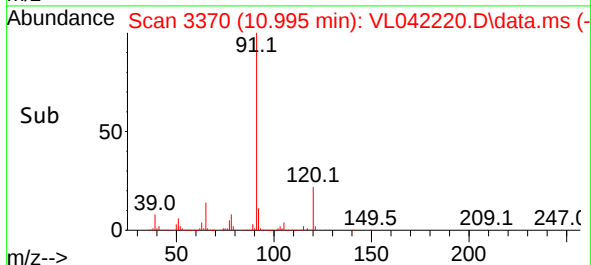
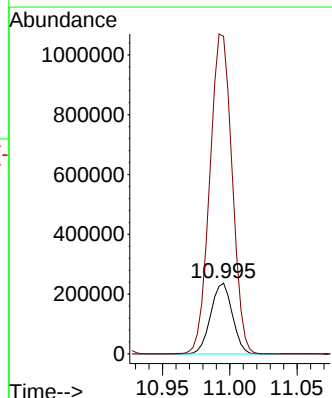
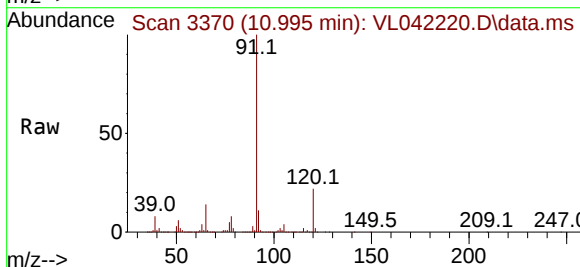
Acq: 04 Apr 2025 11:55

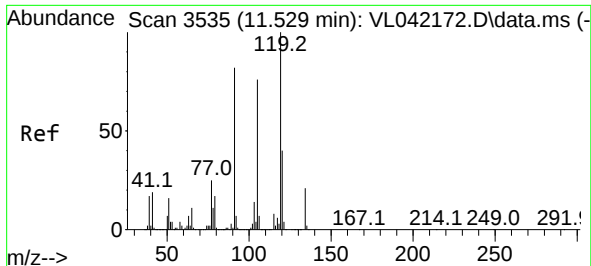
Tgt Ion: 120 Resp: 263691

Ion Ratio Lower Upper

120 100

91 468.0 376.9 565.3

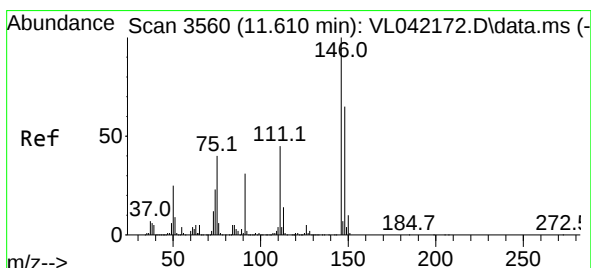
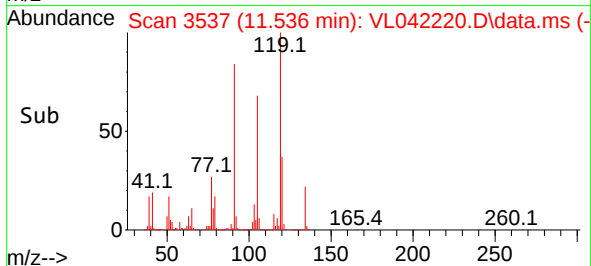
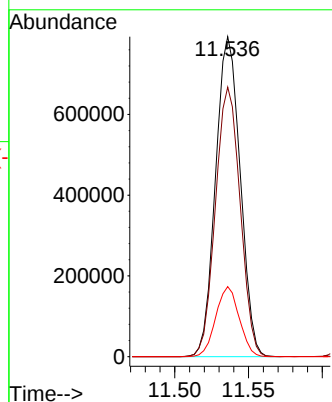
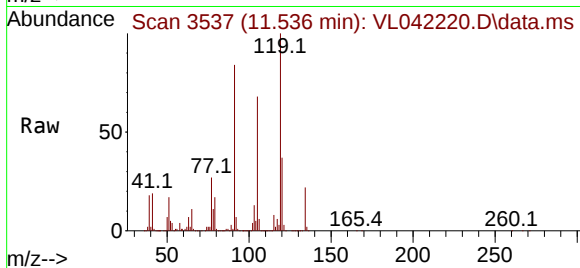




#65
 tert-Butylbenzene
 Concen: 10.252 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. 0.006 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

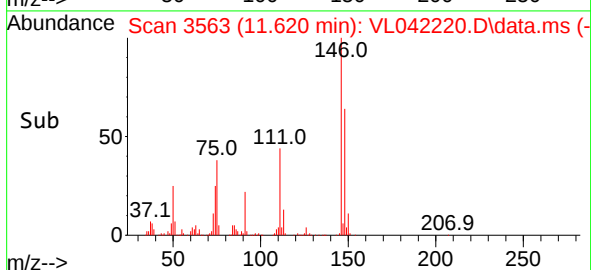
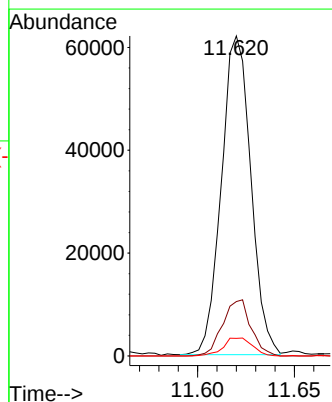
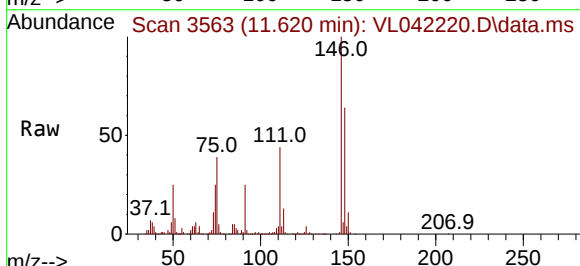
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0404ABS01

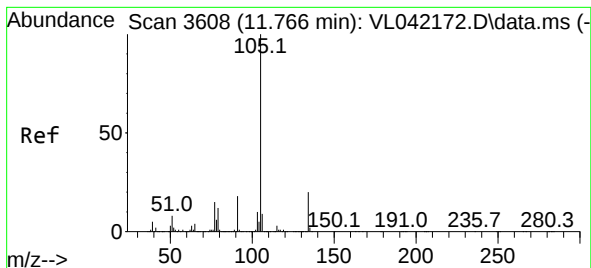
Tgt Ion:119 Resp: 921281
 Ion Ratio Lower Upper
 119 100
 91 84.4 66.0 99.0
 134 20.9 16.7 25.1



#66
 Benzyl Chloride
 Concen: 6.872 ppbv
 RT: 11.620 min Scan# 3563
 Delta R.T. 0.010 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

Tgt Ion: 91 Resp: 65520
 Ion Ratio Lower Upper
 91 100
 126 16.9 13.8 20.6
 128 5.6 4.5 6.7





#67

sec-Butylbenzene

Concen: 10.379 ppbv

RT: 11.772 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_1

ClientSampleId :

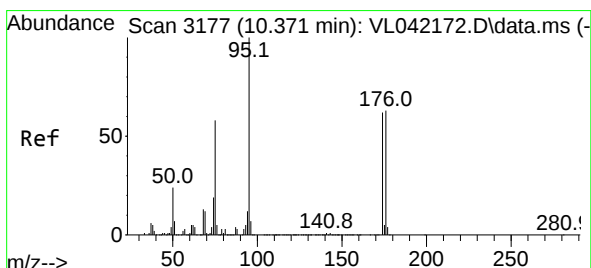
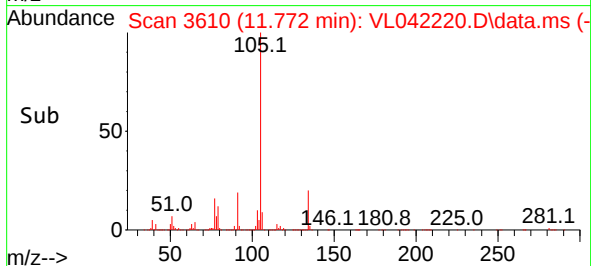
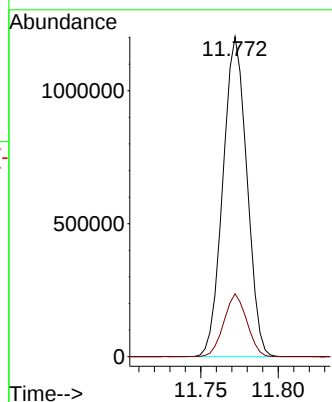
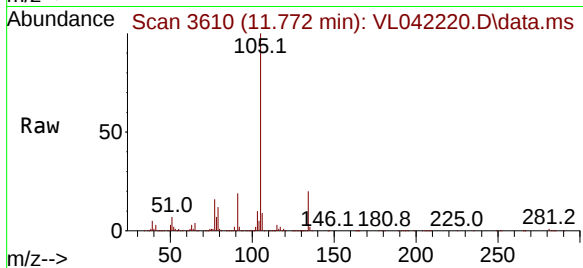
VL0404ABS01

Tgt Ion:105 Resp: 1296409

Ion Ratio Lower Upper

105 100

134 18.9 15.5 23.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.234 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

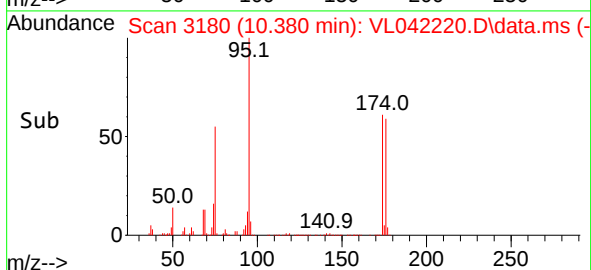
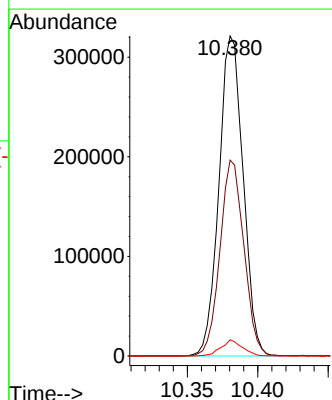
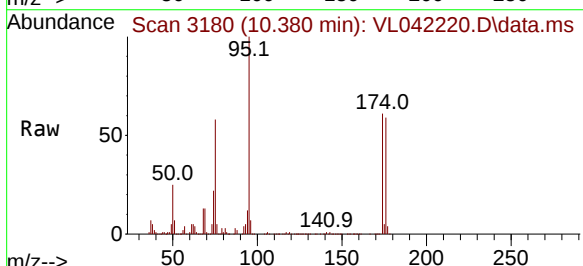
Tgt Ion: 95 Resp: 384044

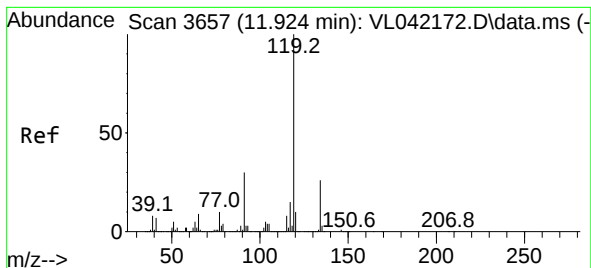
Ion Ratio Lower Upper

95 100

174 60.6 50.6 76.0

175 4.4 3.8 5.6





#69

p-Isopropyltoluene

Concen: 10.410 ppbv

RT: 11.931 min Scan# 3659

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_1

ClientSampleId :

VL0404ABS01

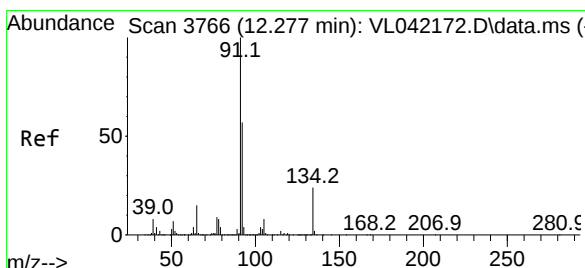
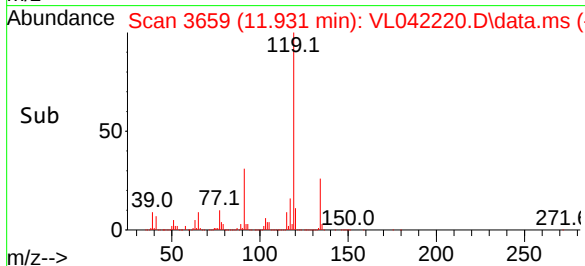
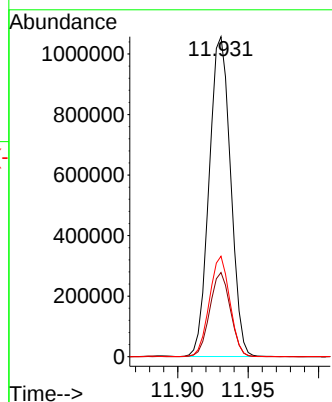
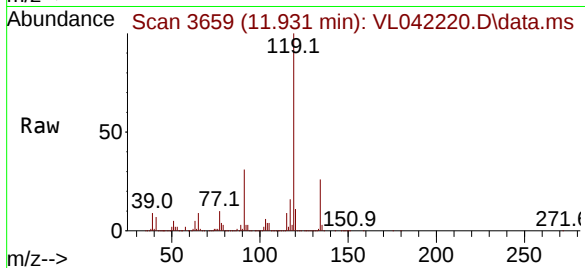
Tgt Ion:119 Resp: 1119576

Ion Ratio Lower Upper

119 100

134 25.4 20.4 30.6

91 29.9 23.7 35.5



#70

n-Butylbenzene

Concen: 10.453 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

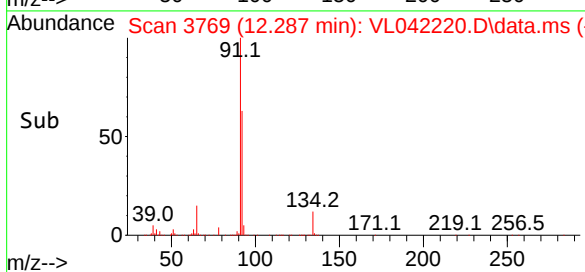
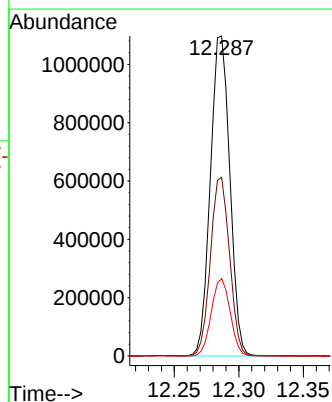
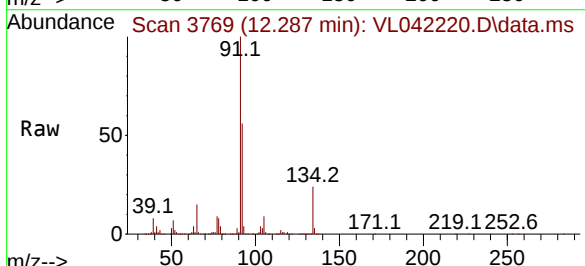
Tgt Ion: 91 Resp: 1149751

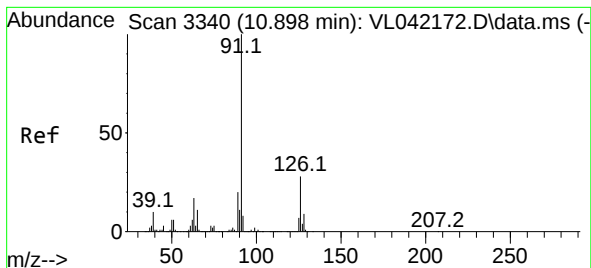
Ion Ratio Lower Upper

91 100

92 55.0 44.9 67.3

134 23.4 19.2 28.8

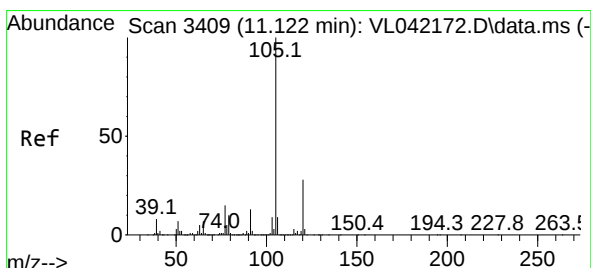
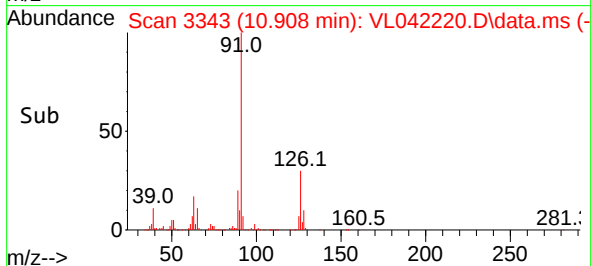
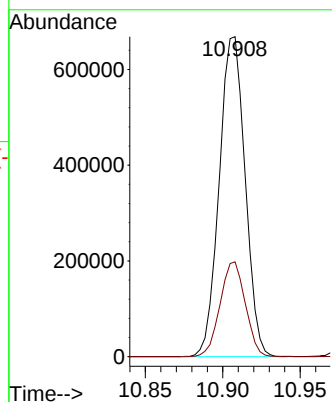
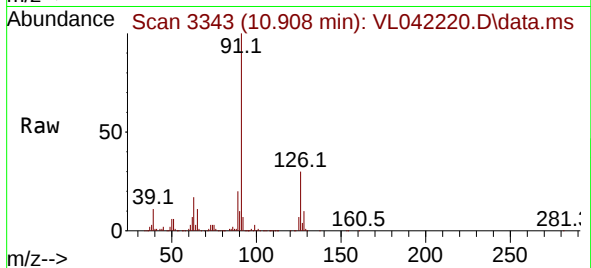




#71
2-Chlorotoluene
Concen: 10.312 ppbv
RT: 10.908 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

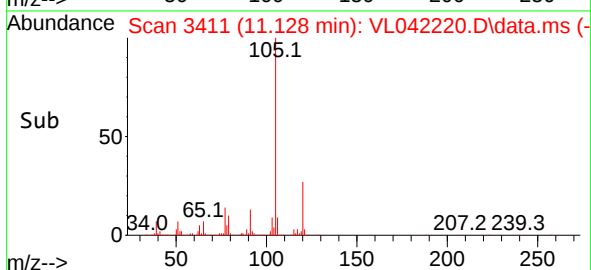
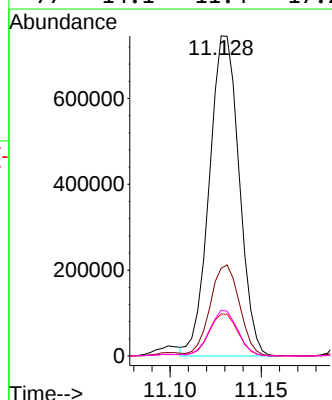
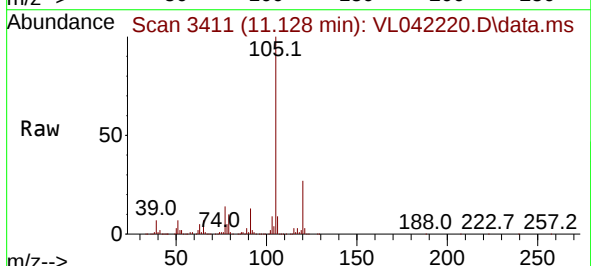
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

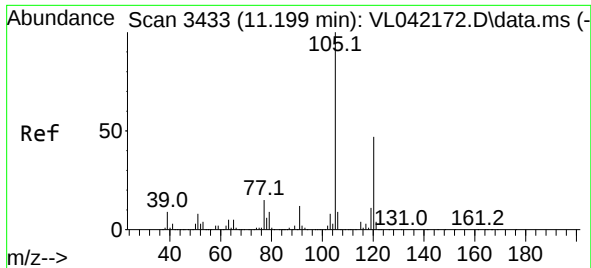
Tgt Ion: 91 Resp: 777635
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.4



#72
4-Ethyltoluene
Concen: 10.511 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion: 105 Resp: 850373
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.0
91 13.3 10.3 15.5
77 14.1 11.4 17.2

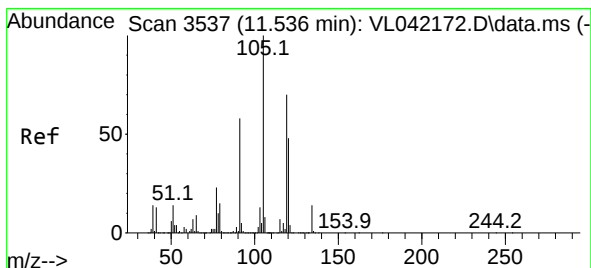
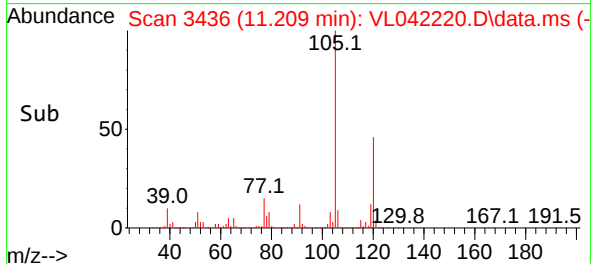
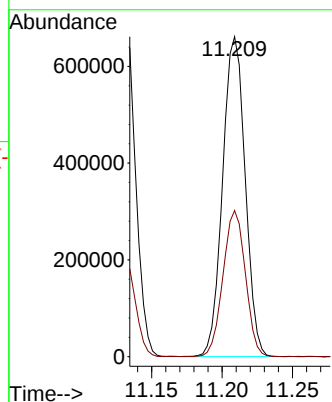
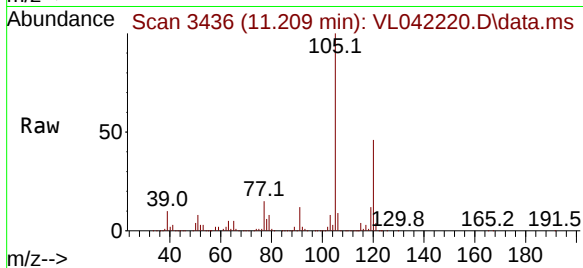




#73
 1,3,5-Trimethylbenzene
 Concen: 10.437 ppbv
 RT: 11.209 min Scan# 3436
 Delta R.T. 0.010 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

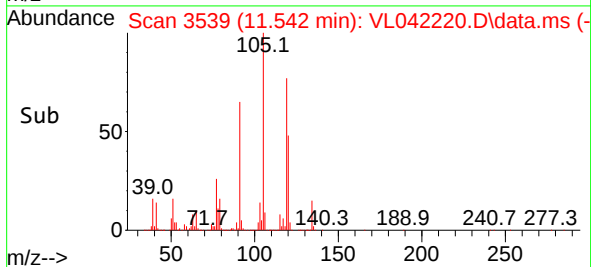
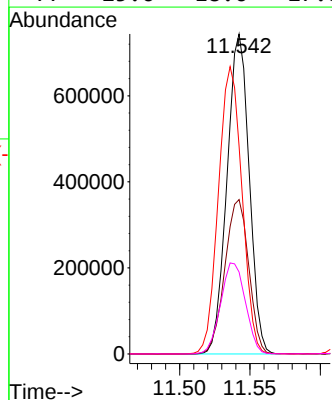
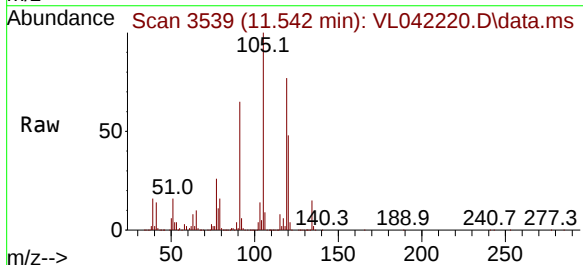
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0404ABS01

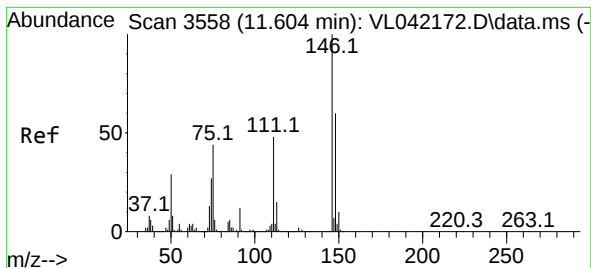
Tgt Ion:105 Resp: 737397
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.4 56.0



#74
 1,2,4-Trimethylbenzene
 Concen: 10.037 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. 0.006 min
 Lab File: VL042220.D
 Acq: 04 Apr 2025 11:55

Tgt Ion:105 Resp: 816996
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.6 58.0
 91 65.0 46.2 69.2
 77 25.6 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 10.658 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.010 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

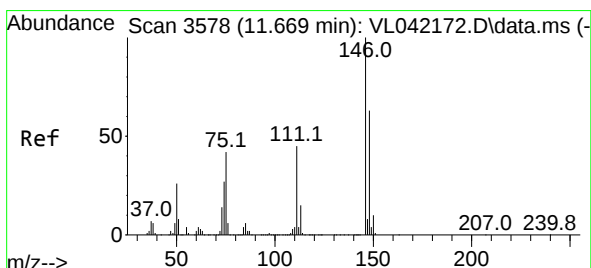
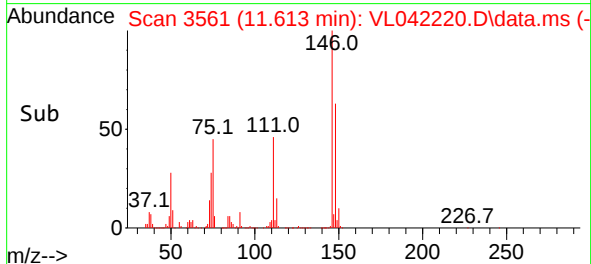
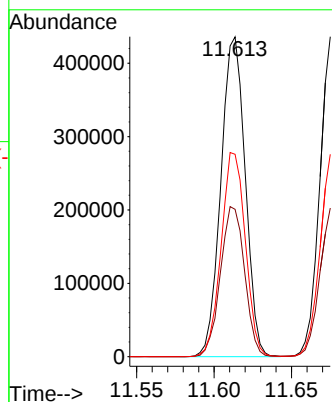
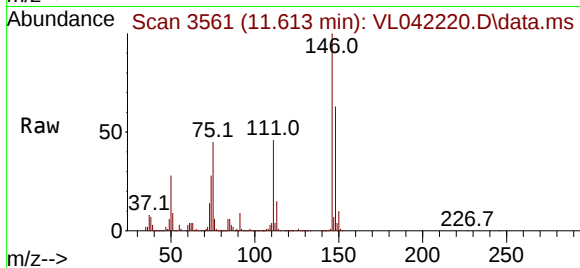
Tgt Ion:146 Resp: 475804

Ion Ratio Lower Upper

146 100

111 46.6 23.8 71.2

148 63.5 31.9 95.9



#76

1,4-Dichlorobenzene

Concen: 10.654 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

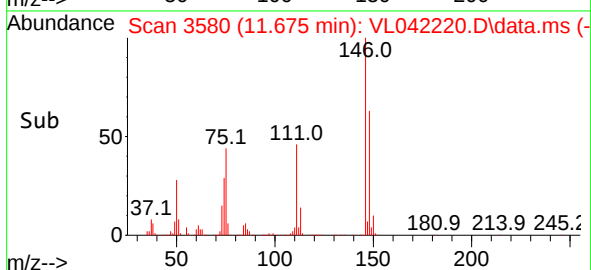
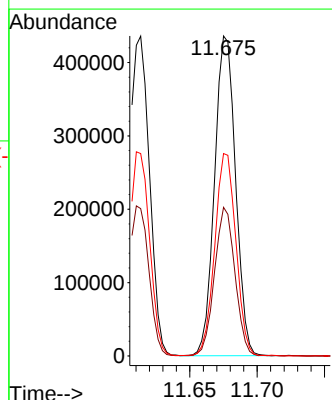
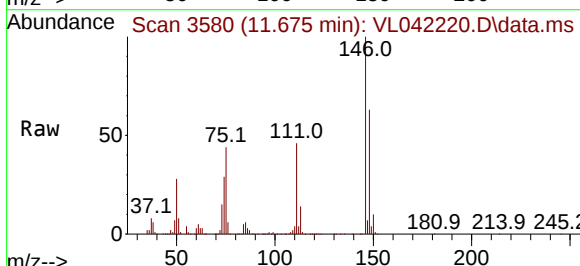
Tgt Ion:146 Resp: 473366

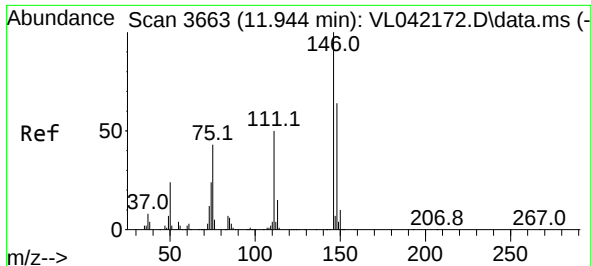
Ion Ratio Lower Upper

146 100

111 45.3 23.0 69.0

148 63.8 31.9 95.7

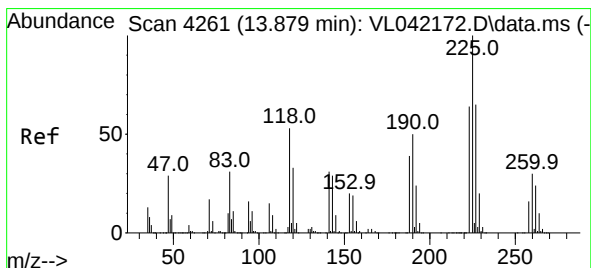
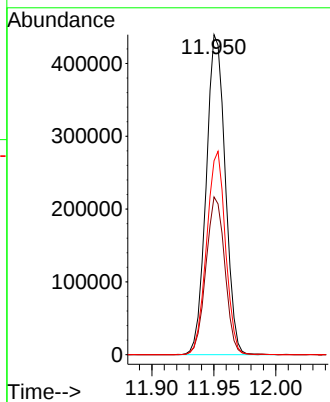
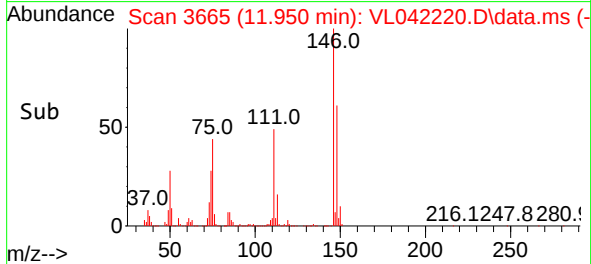
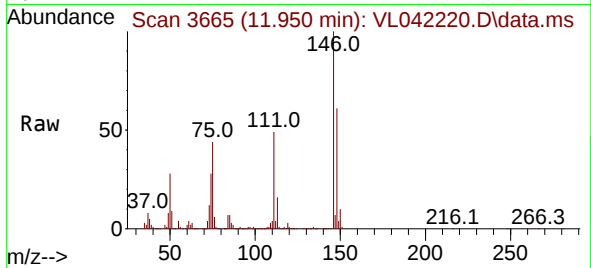




#77
1,2-Dichlorobenzene
Concen: 10.833 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

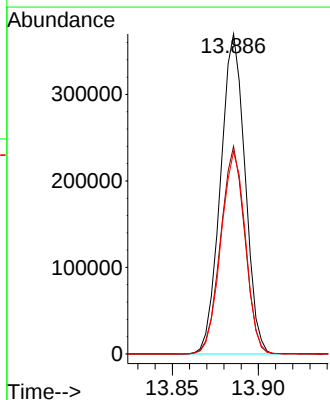
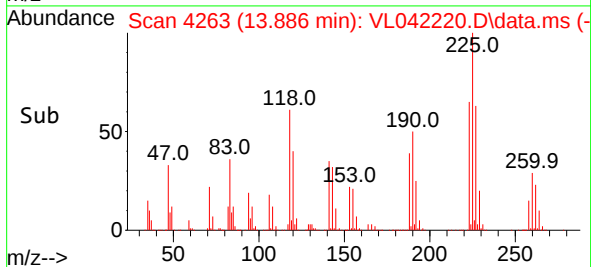
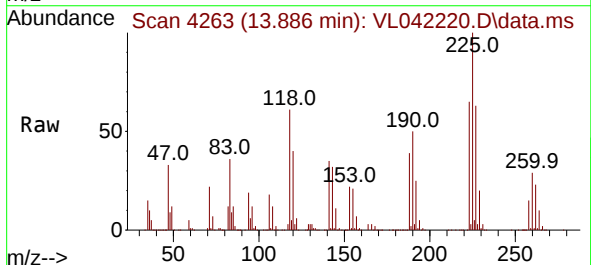
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

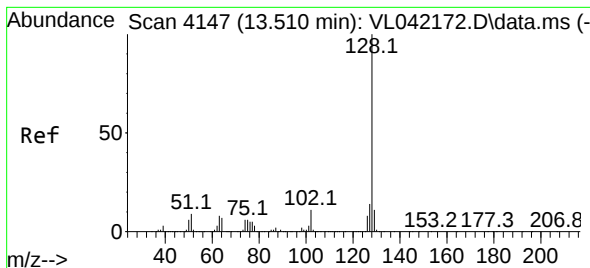
Tgt Ion:146 Resp: 470868
Ion Ratio Lower Upper
146 100
111 49.0 24.8 74.3
148 62.9 31.6 94.8



#78
Hexachloro-1,3-Butadiene
Concen: 8.284 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL042220.D
Acq: 04 Apr 2025 11:55

Tgt Ion:225 Resp: 366515
Ion Ratio Lower Upper
225 100
223 64.2 50.6 76.0
227 63.3 51.2 76.8





#79

Naphthalene

Concen: 9.460 ppbv

RT: 13.517 min Scan# 4147

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

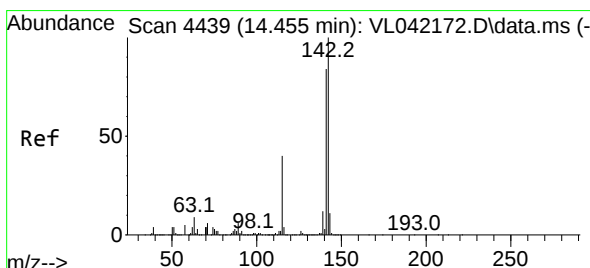
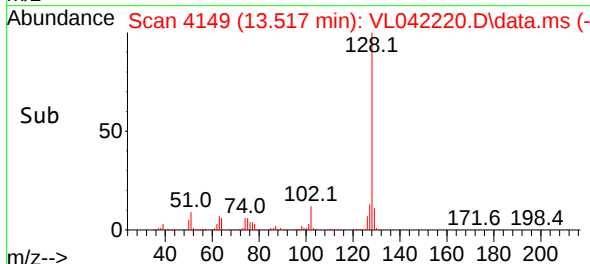
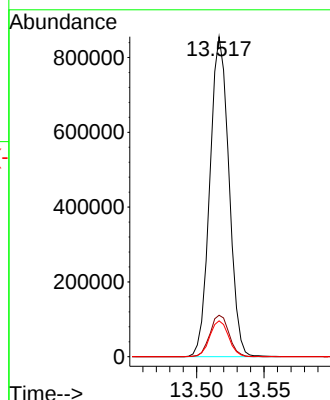
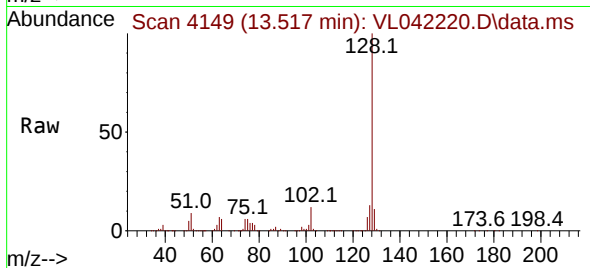
Tgt Ion:128 Resp: 842258

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 7.112 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.006 min

Lab File: VL042220.D

Acq: 04 Apr 2025 11:55

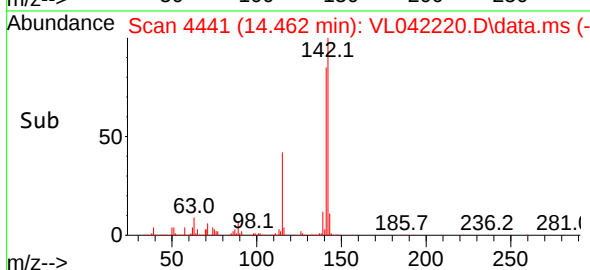
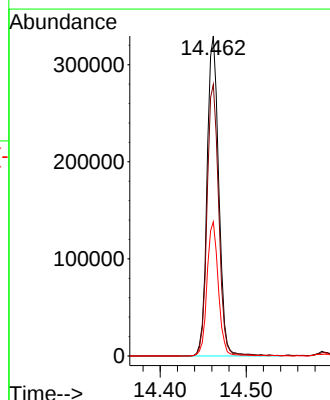
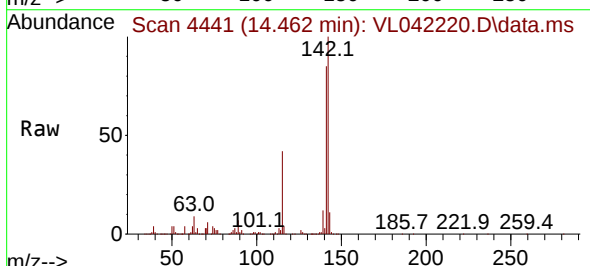
Tgt Ion:142 Resp: 310504

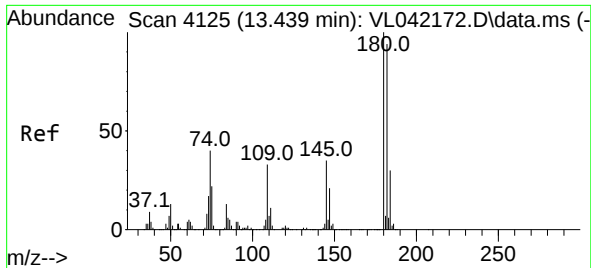
Ion Ratio Lower Upper

142 100

141 85.2 66.3 99.5

115 40.9 31.6 47.4





#81

1,2,4-Trichlorobenzene

Concen: 9.195 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042220.D

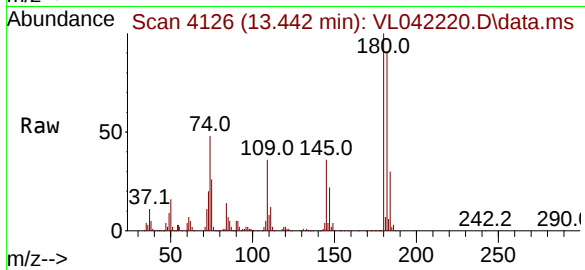
Acq: 04 Apr 2025 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01



Tgt Ion:180 Resp: 377618

Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

184 30.4 24.4 36.6

