

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022725\
 Data File : VL042068.D
 Acq On : 27 Feb 2025 11:25
 Operator : SY/MD
 Sample : VL0227ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

Quant Time: Feb 28 00:23:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.806	49	165316	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.988	114	376713	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.911	117	334241	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.399	95	264206	10.275	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	170672	9.928	ppbv	99
3) Chlorodifluoromethane	1.482	51	229434	9.549	ppbv	100
4) Chloromethane	1.541	50	60990	9.594	ppbv	100
5) Vinyl Chloride	1.589	62	58888	9.793	ppbv	98
6) Bromomethane	1.677	94	28906	10.095	ppbv	94
7) Chloroethane	1.712	64	23753	9.722	ppbv	93
8) Dichlorotetrafluoroethane	1.563	85	139528	9.873	ppbv	99
9) Propene	1.492	41	92485	9.449	ppbv	99
10) Heptane	5.017	43	283782	9.311	ppbv	97
11) Trichlorofluoromethane	1.887	101	177082	10.281	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.152	101	127217	9.259	ppbv	97
13) Ethanol	1.732	45	3431	5.522	ppbv	91
14) Bromoethene	1.793	108	48197	9.933	ppbv	99
15) Acetone	1.845	43	131627	9.016	ppbv	100
16) 1,3-Butadiene	1.618	39	63625	9.365	ppbv	99
17) tert-Butyl alcohol	2.052	59	156140	8.548	ppbv	98
18) 1,1-Dichloroethene	2.046	96	56620	9.120	ppbv	94
19) Isopropyl Alcohol	1.897	45	73339	8.745	ppbv	96
20) Methylene Chloride	2.075	84	47852	8.665	ppbv	90
21) Allyl Chloride	2.107	41	95455	9.049	ppbv	99
22) trans-1,2-Dichloroethene	2.356	96	64221	8.873	ppbv	93
23) Vinyl Acetate	2.479	43	92926	9.052	ppbv	99
24) 1,1-Dichloroethane	2.424	63	119840	8.899	ppbv	99
25) Ethyl Acetate	2.855	43	558049	9.550	ppbv	99
26) Hexane	2.845	57	217289	9.198	ppbv	96
27) Carbon Disulfide	2.162	76	150739	9.413	ppbv	99
28) Methyl tert-Butyl Ether	2.460	73	105298	8.953	ppbv	99
29) Chloroform	2.868	83	288962	9.088	ppbv	96
30) Cyclohexane	3.884	84	168184	8.771	ppbv	93
31) cis-1,2-Dichloroethene	2.738	61	206470	9.232	ppbv	96
32) 1,1,1-Trichloroethane	3.392	97	278241	9.021	ppbv	96
34) 2-Butanone	2.576	43	324037	11.041	ppbv	95
35) Carbon Tetrachloride	3.787	117	278142	10.707	ppbv	98
36) Benzene	3.683	78	400607	10.158	ppbv	98
37) 1,2-Dichloroethane	3.240	62	233998	10.702	ppbv	98
38) Trichloroethene	4.583	130	152975	9.500	ppbv	93
39) 1,2-Dichloropropane	4.347	63	154331	10.310	ppbv	98
40) 1,4-Dioxane	4.619	88	64907	9.499	ppbv #	94
41) Tetrahydrofuran	3.078	42	188776	10.886	ppbv	95
42) Bromodichloromethane	4.522	83	311726	10.582	ppbv	96
43) Methyl Methacrylate	4.917	69	159170	10.335	ppbv	92
44) 2,2,4-Trimethylpentane	4.677	57	726970	10.445	ppbv	98
45) t-1,3-Dichloropropene	6.457	75	148784	9.724	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022725\
 Data File : VL042068.D
 Acq On : 27 Feb 2025 11:25
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

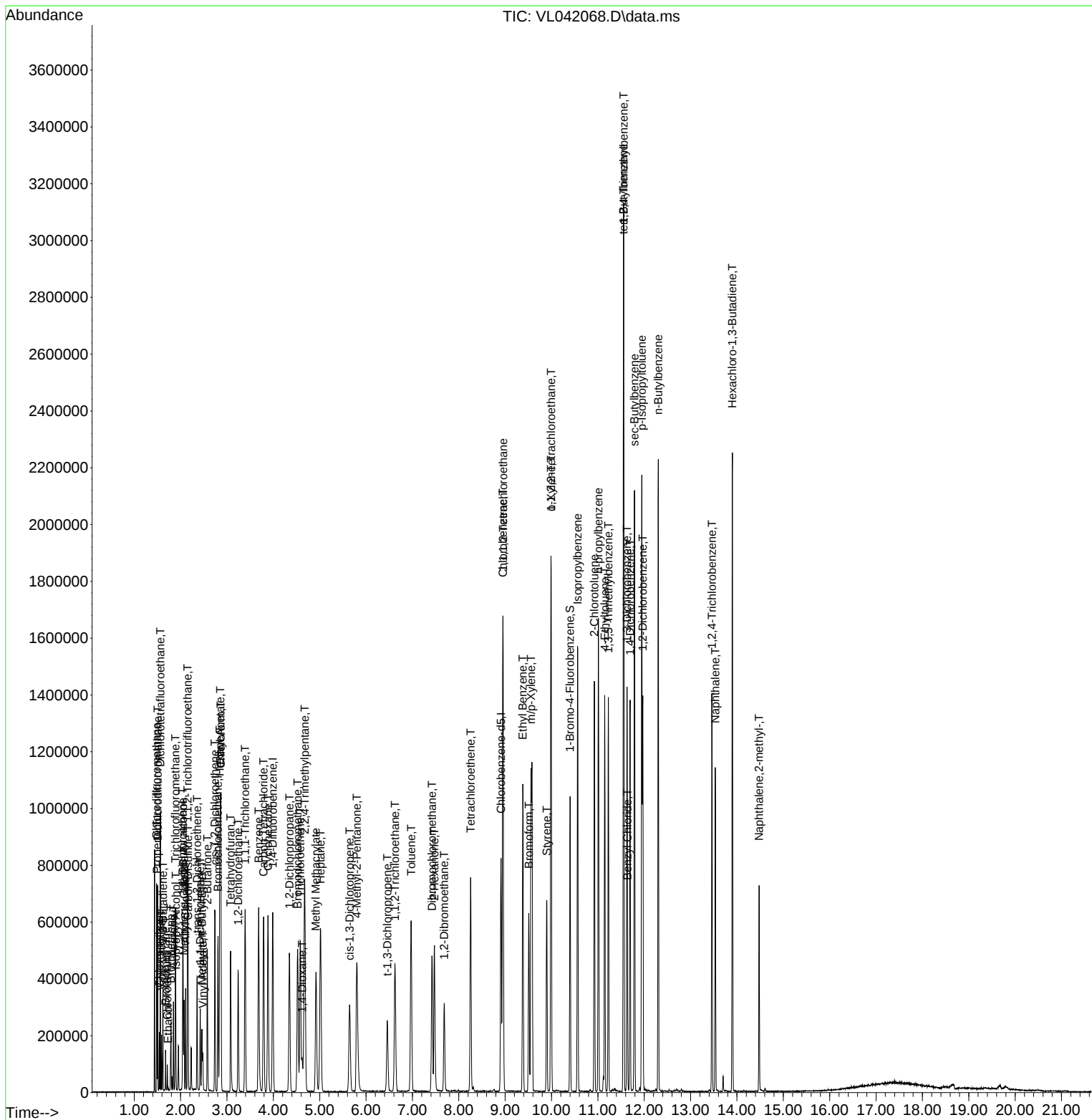
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 ClientSampleId :
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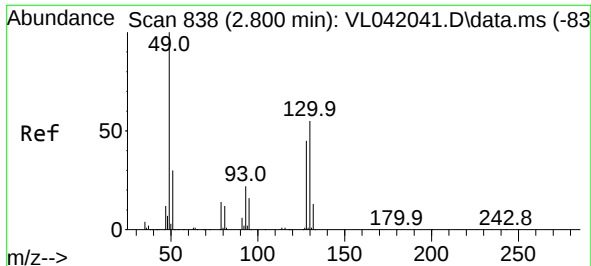
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.645	75	197788	9.989	ppbv	98
47) 1,1,2-Trichloroethane	6.625	97	151230	9.952	ppbv	98
48) Dibromochloromethane	7.422	129	241737	10.157	ppbv	100
49) Bromoform	9.509	173	208752	10.100	ppbv	99
50) 4-Methyl-2-Pentanone	5.800	43	448045	11.804	ppbv	95
51) 2-Hexanone	7.473	43	363250	13.905	ppbv #	96
52) Tetrachloroethene	8.257	164	131063	9.708	ppbv	98
53) Toluene	6.972	91	439197	9.965	ppbv	99
54) 1,2-Dibromoethane	7.687	107	201354	9.801	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.953	131	185028	9.794	ppbv	99
57) Chlorobenzene	8.949	112	336164	9.700	ppbv	98
58) Ethyl Benzene	9.380	91	612879	9.957	ppbv	100
59) m/p-Xylene	9.558	91	508258	10.376	ppbv #	100
60) o-Xylene	9.988	91	495449	10.061	ppbv	99
61) Styrene	9.898	104	233127	10.069	ppbv	99
62) Isopropylbenzene	10.564	105	732584	9.933	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.988	83	321036	9.899	ppbv	100
64) n-propylbenzene	11.011	120	191865	9.918	ppbv	96
65) tert-Butylbenzene	11.552	119	652374	9.719	ppbv	99
66) Benzyl Chloride	11.639	91	42928	8.381	ppbv	99
67) sec-Butylbenzene	11.788	105	942757	9.821	ppbv	100
69) p-Isopropyltoluene	11.947	119	770654	10.091	ppbv	99
70) n-Butylbenzene	12.303	91	794021	10.185	ppbv	99
71) 2-Chlorotoluene	10.924	91	551772	9.705	ppbv	100
72) 4-Ethyltoluene	11.147	105	595865	9.910	ppbv	99
73) 1,3,5-Trimethylbenzene	11.225	105	506813	9.717	ppbv	99
74) 1,2,4-Trimethylbenzene	11.558	105	554973	9.450	ppbv	94
75) 1,3-Dichlorobenzene	11.629	146	327628	9.693	ppbv	98
76) 1,4-Dichlorobenzene	11.694	146	325333	9.694	ppbv	99
77) 1,2-Dichlorobenzene	11.969	146	319258	9.733	ppbv	98
78) Hexachloro-1,3-Butadiene	13.901	225	235707	9.235	ppbv	99
79) Naphthalene	13.532	128	510280	12.671	ppbv	98
80) Naphthalene,2-methyl-	14.478	142	195167	17.710	ppbv	99
81) 1,2,4-Trichlorobenzene	13.458	180	228692	10.190	ppbv	97

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

Quant Time: Feb 28 00:23:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

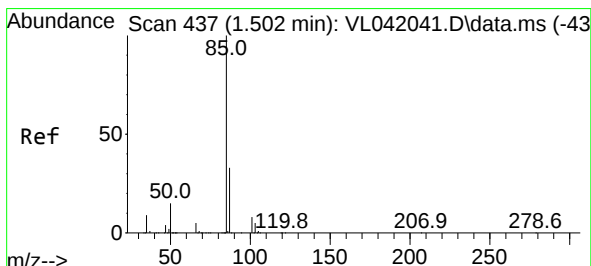
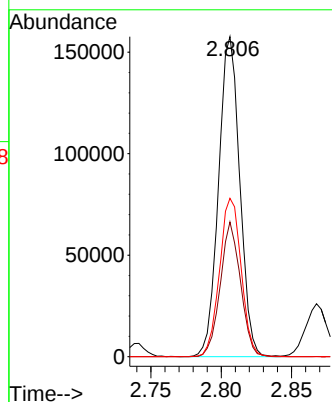
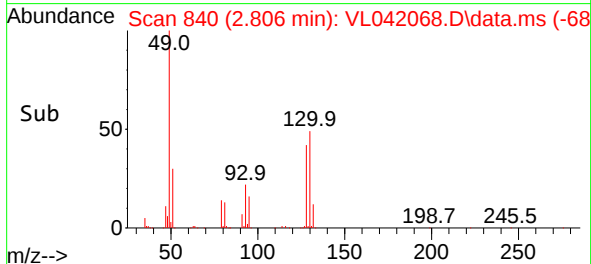
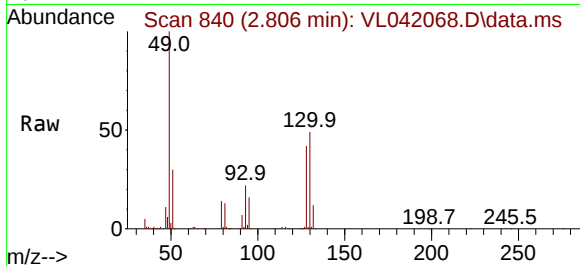




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.806 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

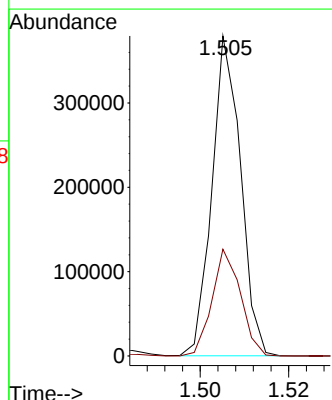
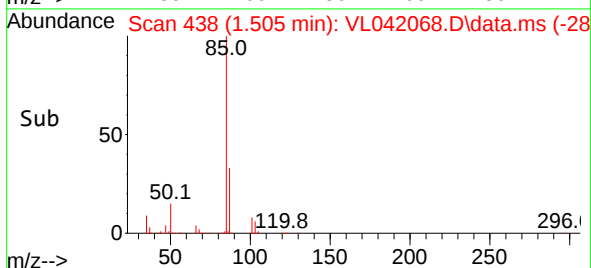
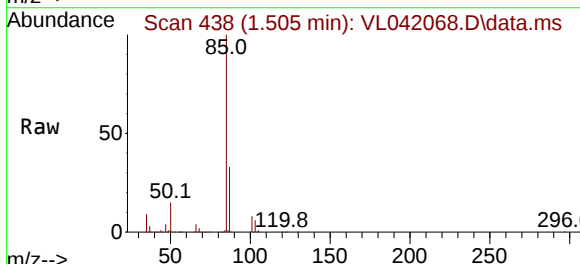
Instrument :
 MSVOA_L
 ClientSampleId :
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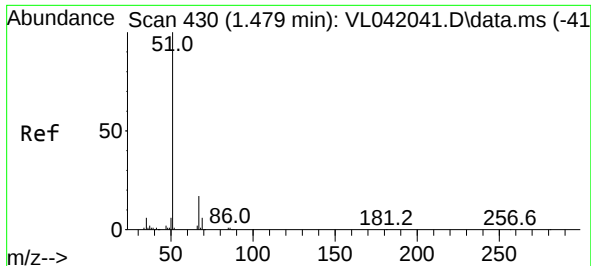
Tgt Ion: 49 Resp: 165316
 Ion Ratio Lower Upper
 49 100
 128 40.1 21.6 64.8
 130 50.5 27.8 83.4



#2
 Dichlorodifluoromethane
 Concen: 9.928 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion: 85 Resp: 170672
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.4 39.6

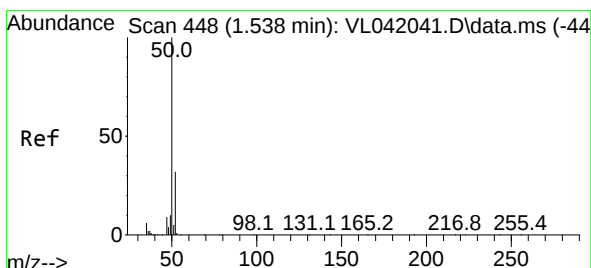
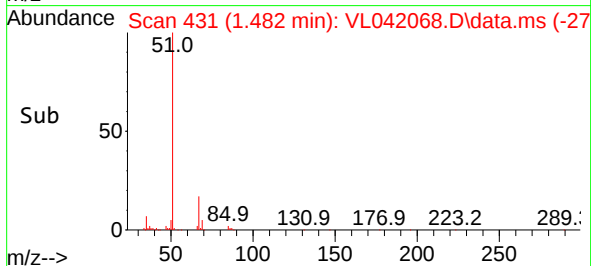
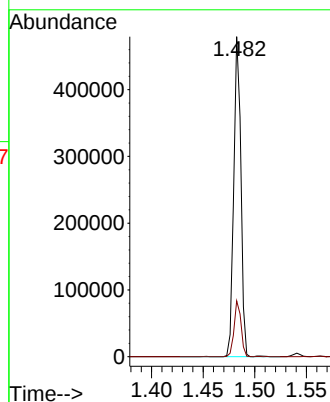
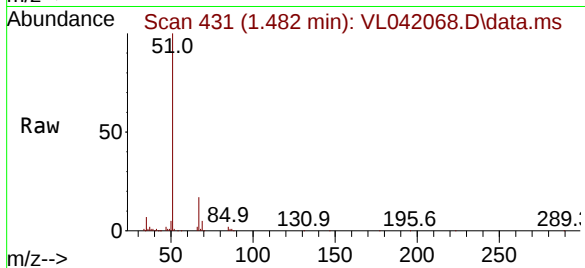




#3
Chlorodifluoromethane
Concen: 9.549 ppbv
RT: 1.482 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

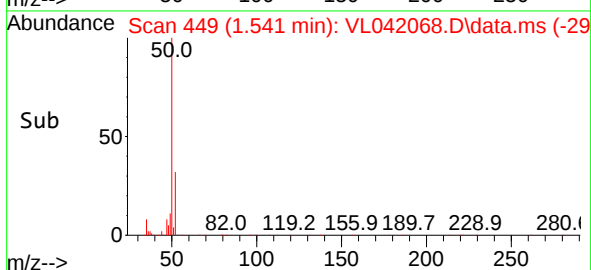
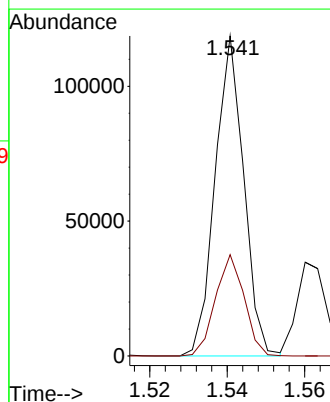
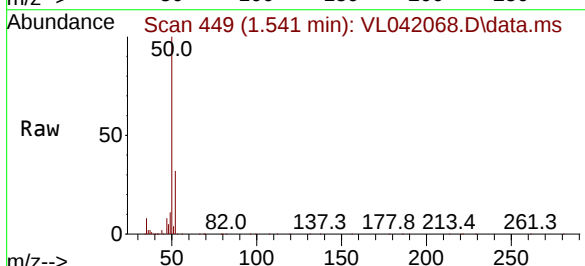
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ClientSampleId :
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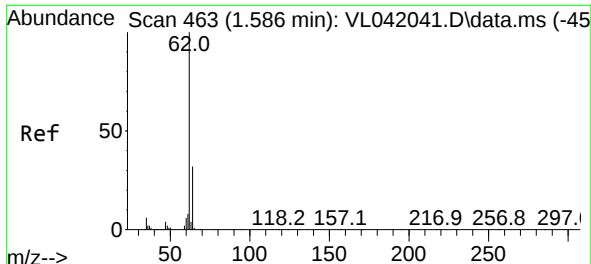
Tgt Ion: 51 Resp: 229434
Ion Ratio Lower Upper
51 100
67 17.0 13.7 20.5



#4
Chloromethane
Concen: 9.594 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 50 Resp: 60990
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

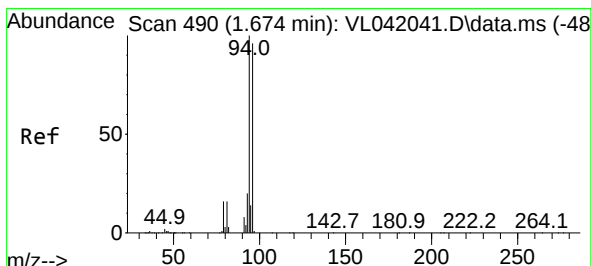
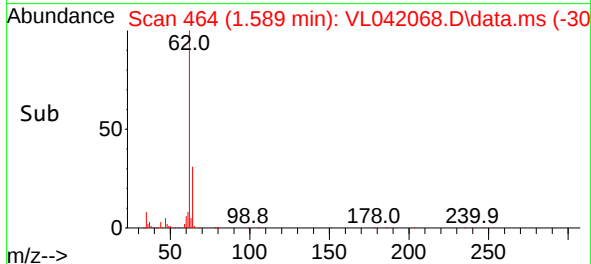
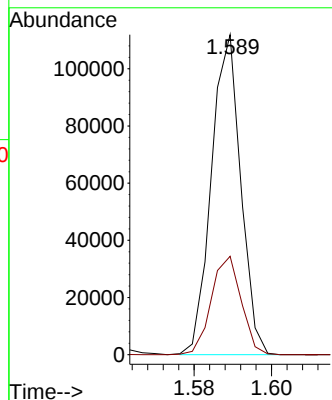
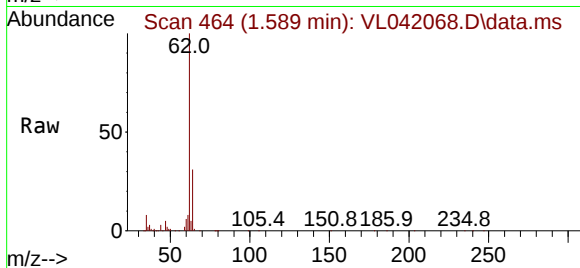




#5
 Vinyl Chloride
 Concen: 9.793 ppbv
 RT: 1.589 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

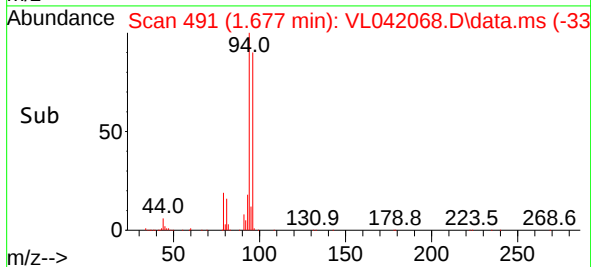
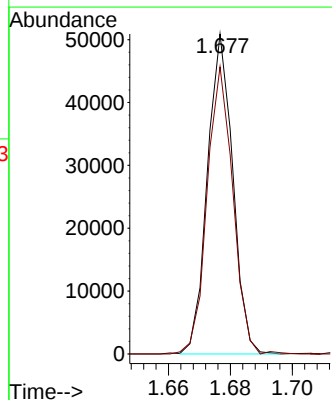
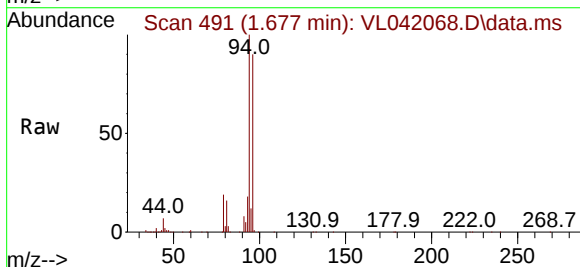
Instrument :
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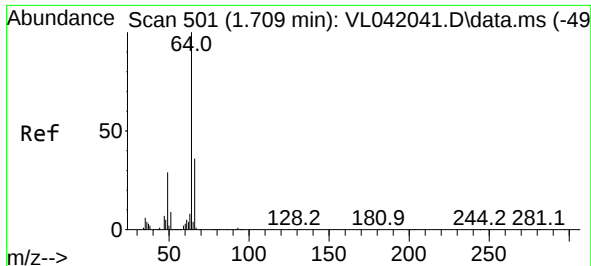
Tgt Ion: 62 Resp: 58888
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.3 37.9



#6
 Bromomethane
 Concen: 10.095 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion: 94 Resp: 28906
 Ion Ratio Lower Upper
 94 100
 96 89.4 76.5 114.7

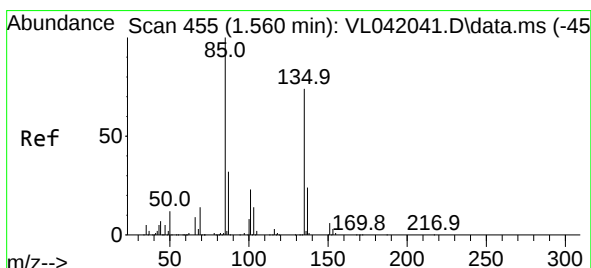
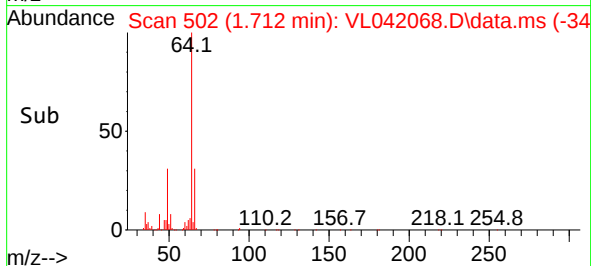
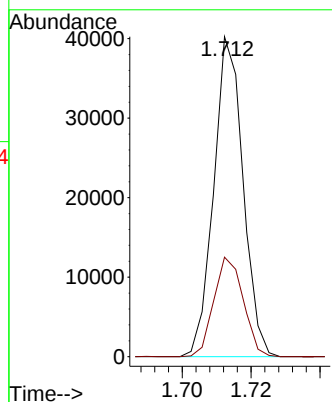
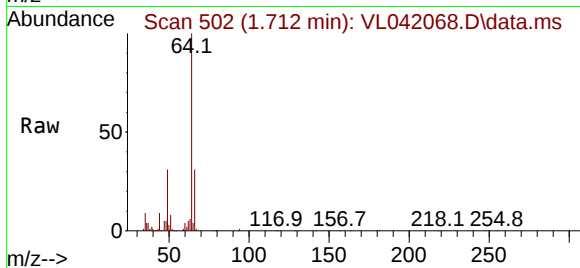




#7
Chloroethane
Concen: 9.722 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

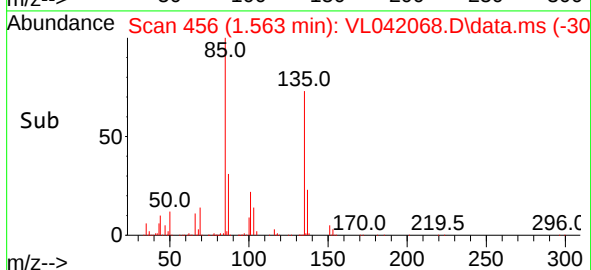
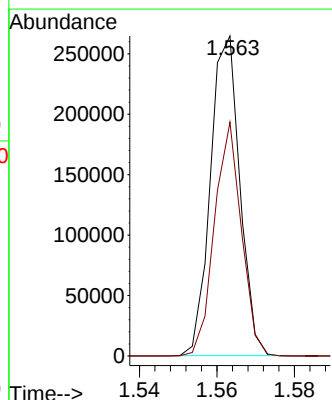
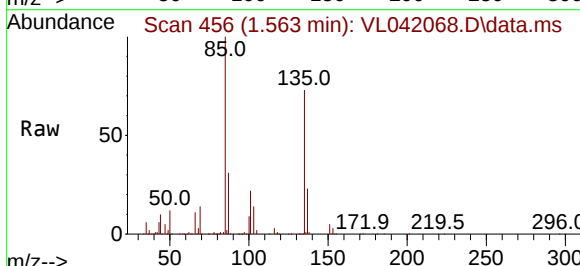
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ClientSampleId :
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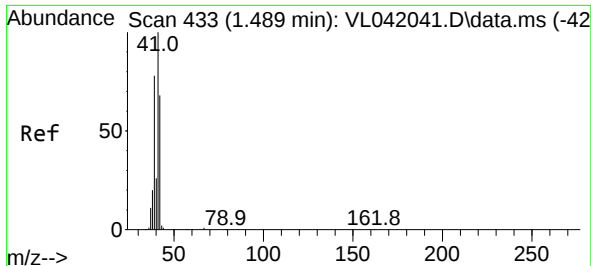
Tgt Ion: 64 Resp: 23753
Ion Ratio Lower Upper
64 100
66 31.1 28.4 42.6



#8
Dichlorotetrafluoroethane
Concen: 9.873 ppbv
RT: 1.563 min Scan# 456
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 85 Resp: 139528
Ion Ratio Lower Upper
85 100
135 67.0 54.6 81.8





#9

Propene

Concen: 9.449 ppbv

RT: 1.492 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

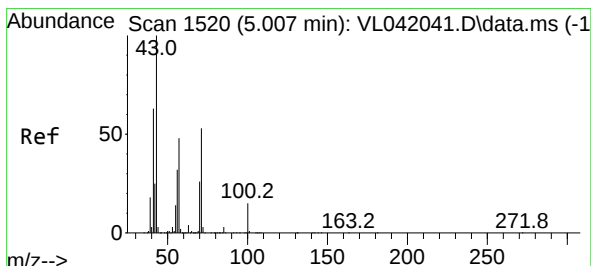
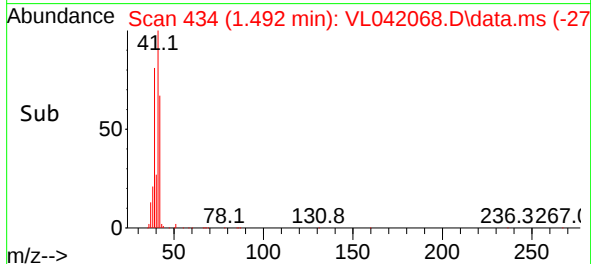
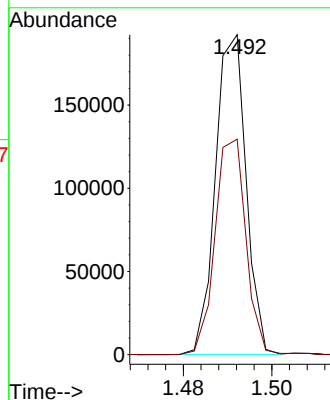
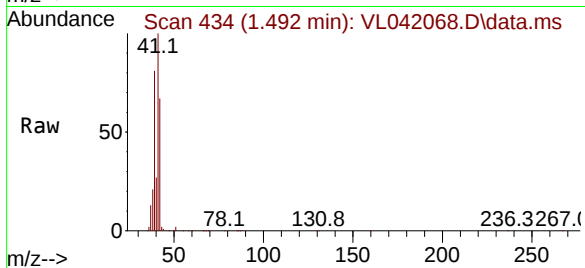
VL0227ABS01

Tgt Ion: 41 Resp: 92485

Ion Ratio Lower Upper

41 100

42 68.6 55.8 83.6



#10

Heptane

Concen: 9.311 ppbv

RT: 5.017 min Scan# 1523

Delta R.T. 0.009 min

Lab File: VL042068.D

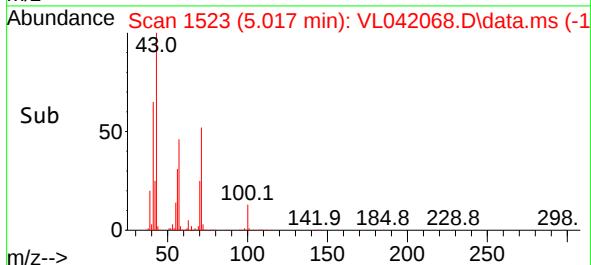
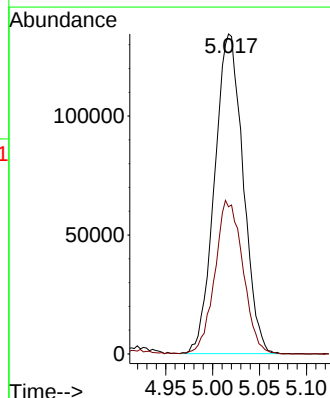
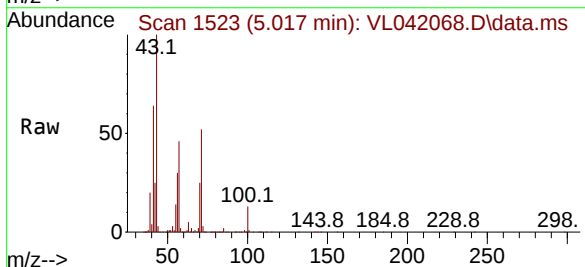
Acq: 27 Feb 2025 11:25

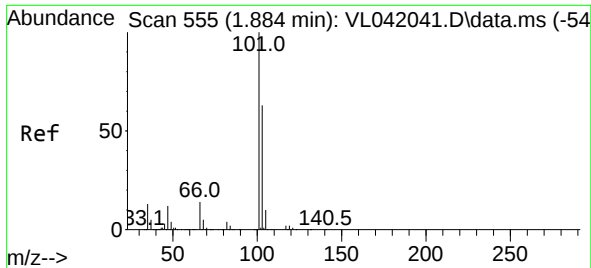
Tgt Ion: 43 Resp: 283782

Ion Ratio Lower Upper

43 100

57 47.2 39.4 59.0

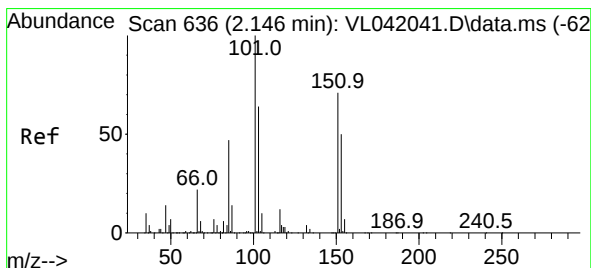
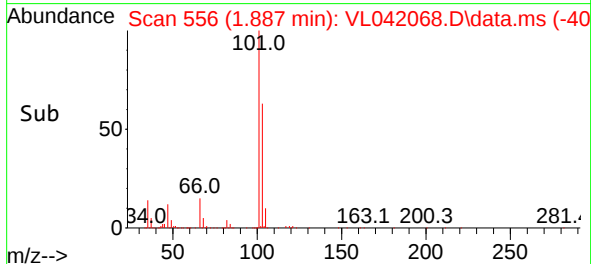
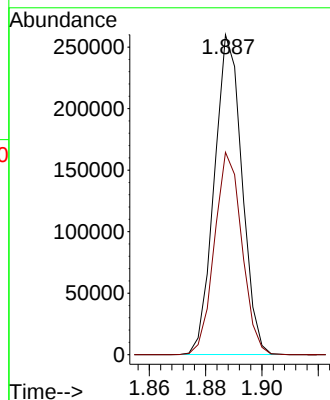
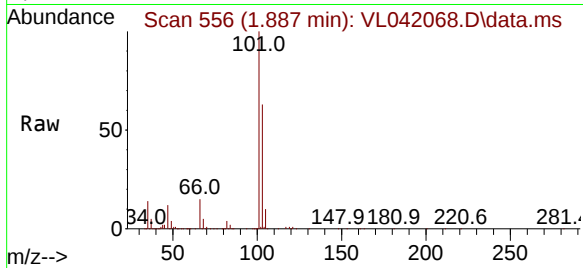




#11
 Trichlorofluoromethane
 Concen: 10.281 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

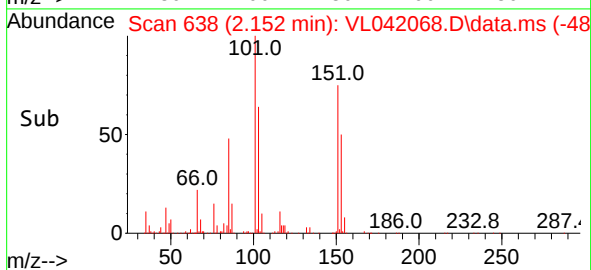
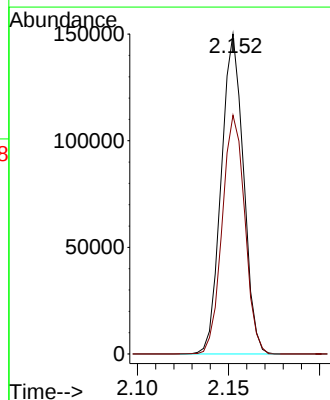
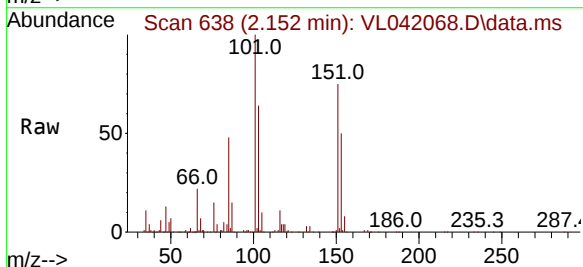
Instrument :
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 ClientSampleId :
 VL0227ABS01

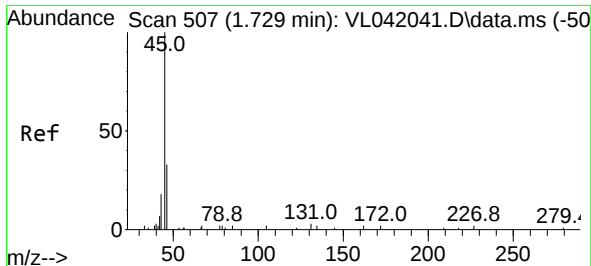
Tgt Ion:101 Resp: 177082
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.259 ppbv
 RT: 2.152 min Scan# 638
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion:101 Resp: 127217
 Ion Ratio Lower Upper
 101 100
 151 75.8 62.6 94.0

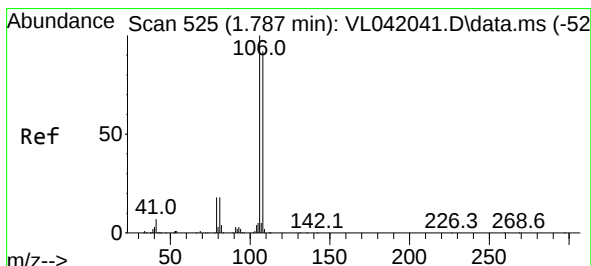
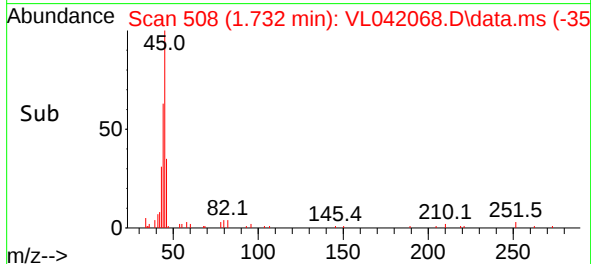
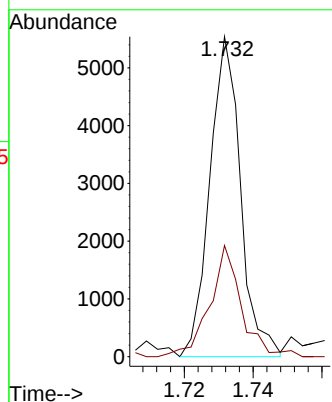
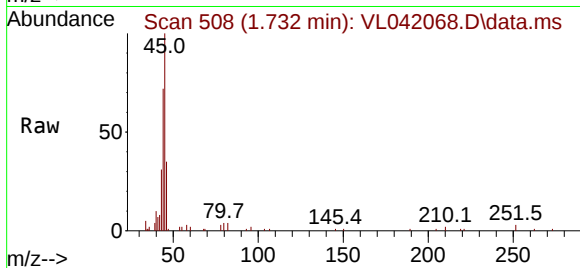




#13
 Ethanol
 Concen: 5.522 ppbv
 RT: 1.732 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

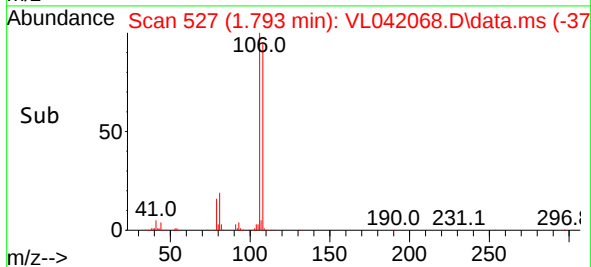
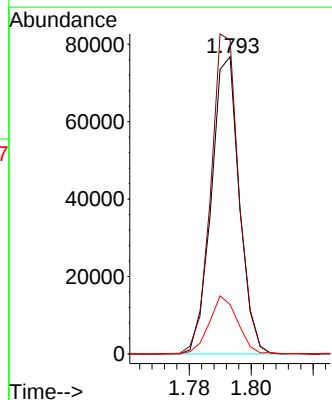
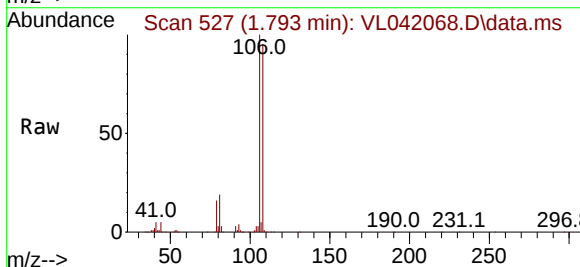
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

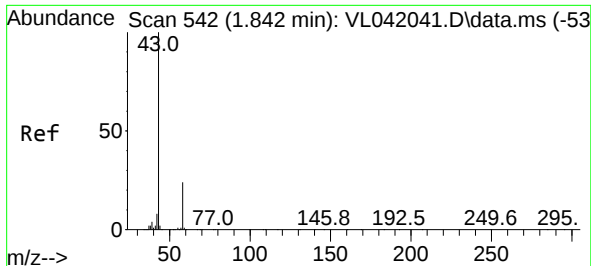
Tgt Ion: 45 Resp: 3431
 Ion Ratio Lower Upper
 45 100
 46 36.7 17.1 68.3



#14
 Bromoethene
 Concen: 9.933 ppbv
 RT: 1.793 min Scan# 527
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion: 108 Resp: 48197
 Ion Ratio Lower Upper
 108 100
 106 107.4 85.4 128.0
 79 20.5 16.5 24.7

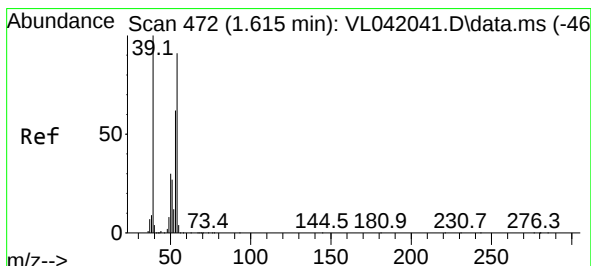
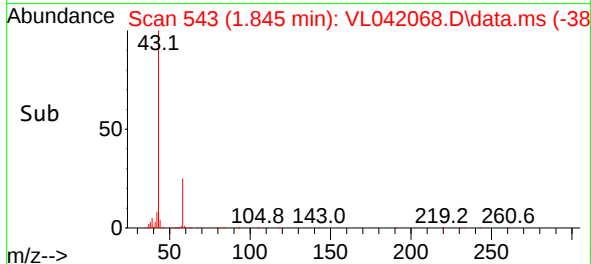
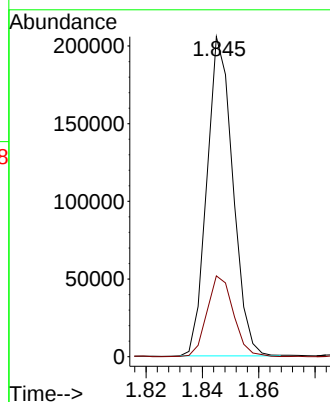
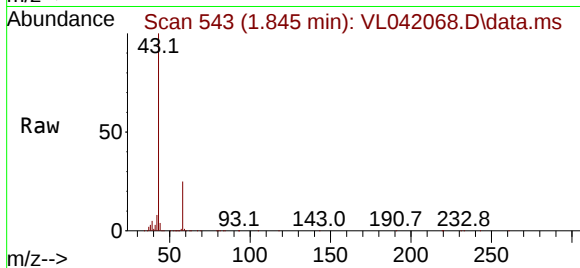




#15
Acetone
Concen: 9.016 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

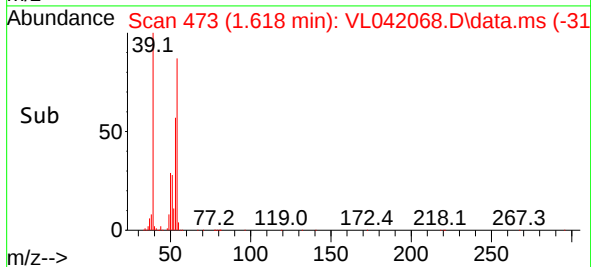
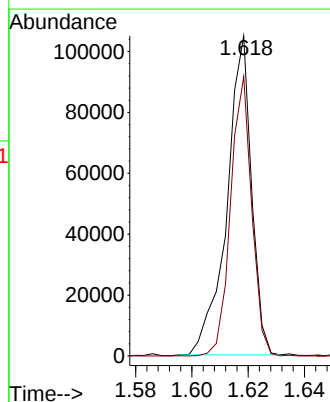
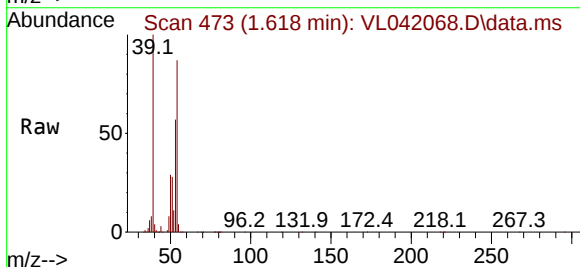
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

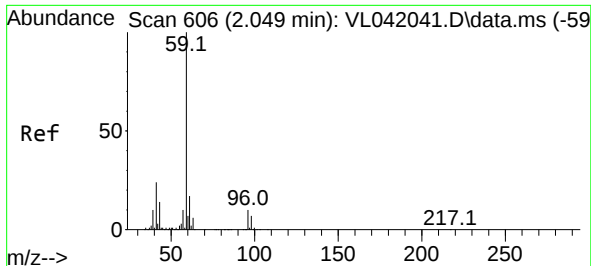
Tgt Ion: 43 Resp: 131627
Ion Ratio Lower Upper
43 100
58 26.0 20.7 31.1



#16
1,3-Butadiene
Concen: 9.365 ppbv
RT: 1.618 min Scan# 473
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 39 Resp: 63625
Ion Ratio Lower Upper
39 100
54 74.9 59.6 89.4





#17

tert-Butyl alcohol

Concen: 8.548 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_1

ClientSampleId :

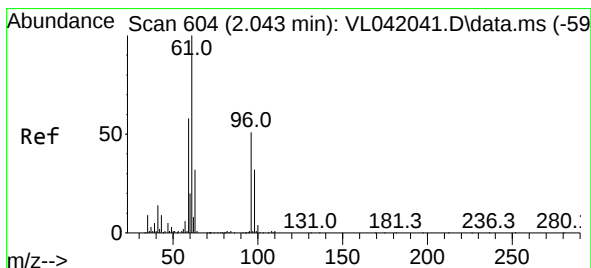
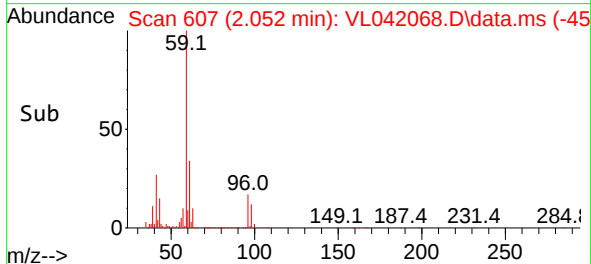
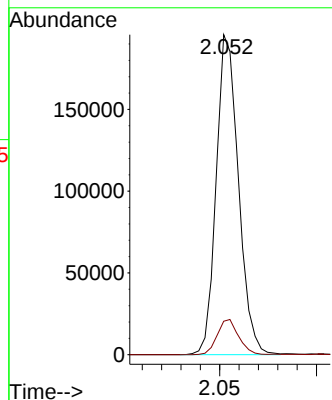
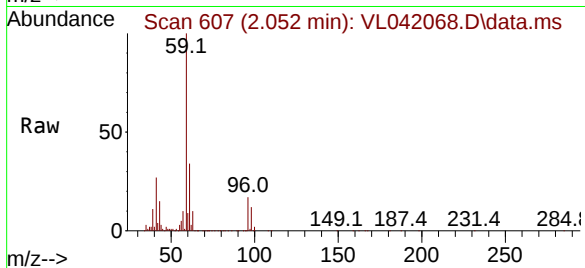
VL0227ABS01

Tgt Ion: 59 Resp: 156140

Ion Ratio Lower Upper

59 100

57 11.0 9.3 13.9



#18

1,1-Dichloroethene

Concen: 9.120 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

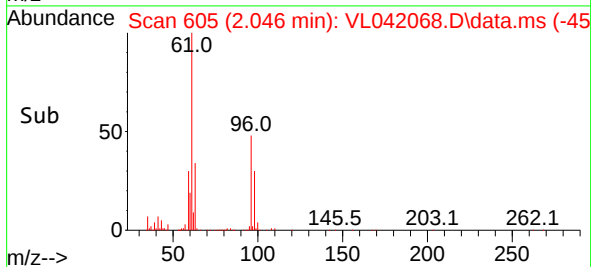
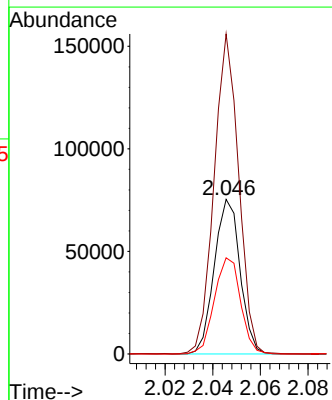
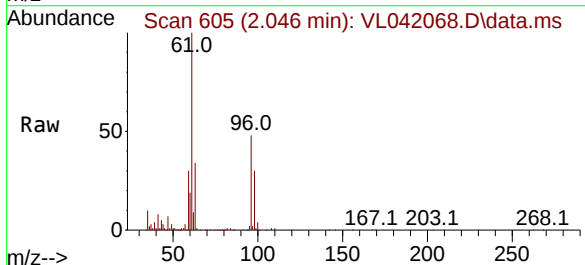
Tgt Ion: 96 Resp: 56620

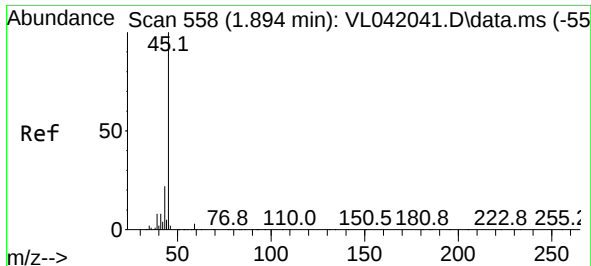
Ion Ratio Lower Upper

96 100

61 206.9 156.0 234.0

98 62.2 49.4 74.2

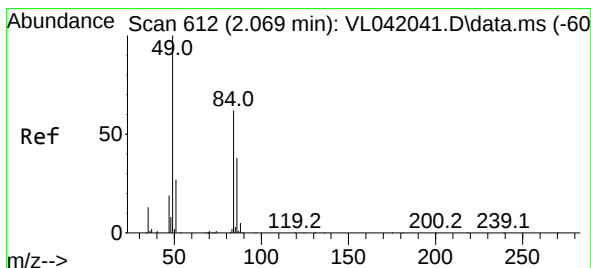
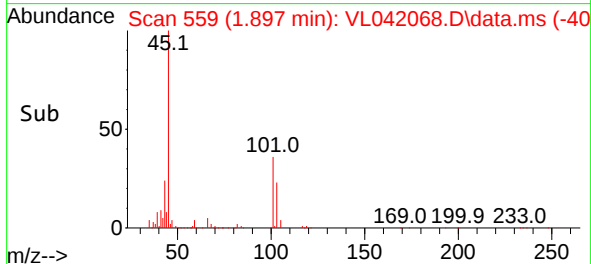
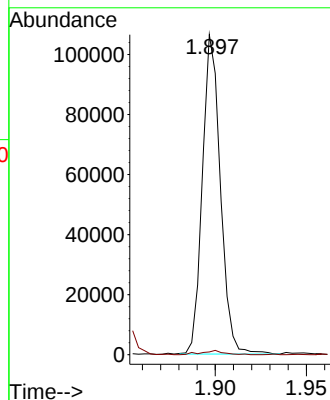
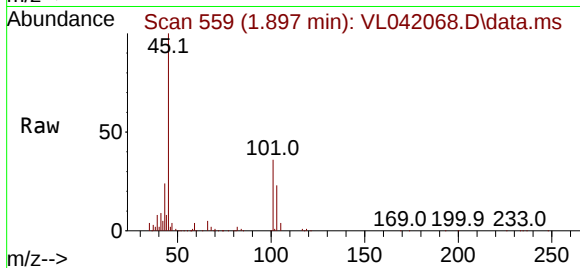




#19
Isopropyl Alcohol
Concen: 8.745 ppbv
RT: 1.897 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

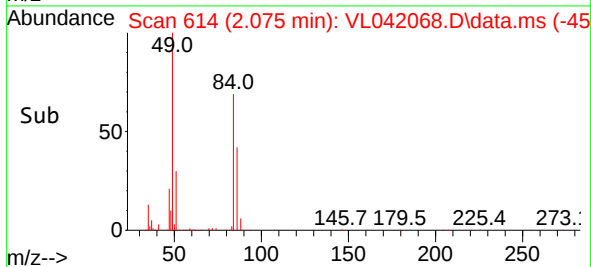
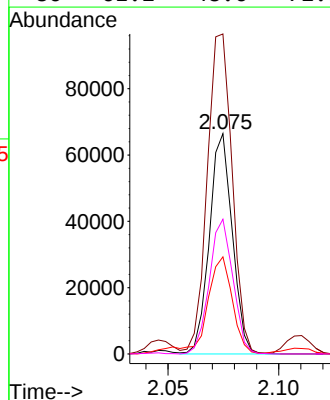
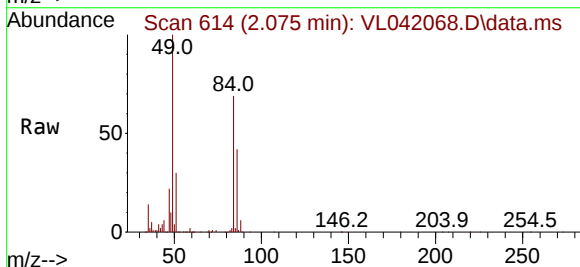
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

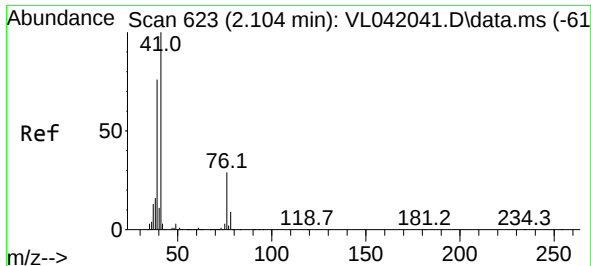
Tgt Ion: 45 Resp: 73339
Ion Ratio Lower Upper
45 100
58 46.7 35.3 52.9



#20
Methylene Chloride
Concen: 8.665 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 84 Resp: 47852
Ion Ratio Lower Upper
84 100
49 143.7 130.0 195.0
51 42.9 37.4 56.0
86 61.2 48.6 72.8

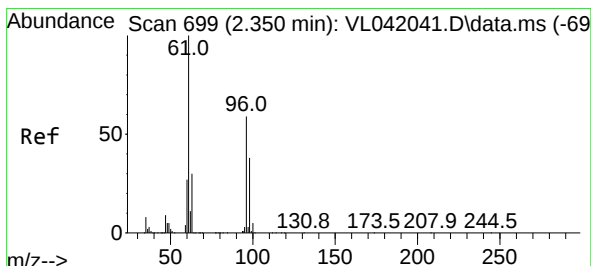
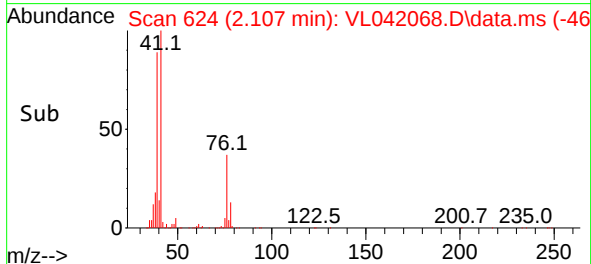
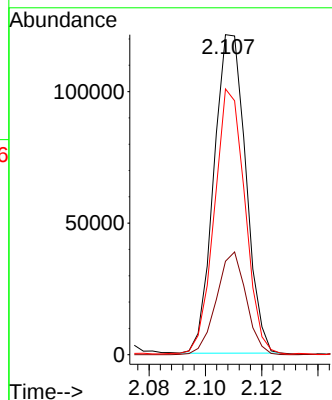
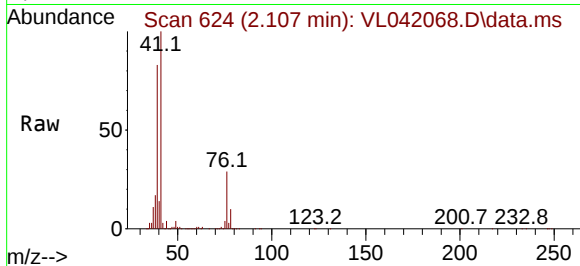




#21
 Allyl Chloride
 Concen: 9.049 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

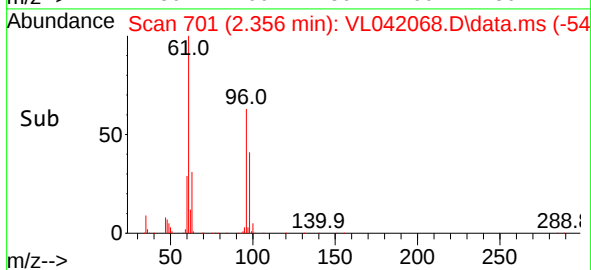
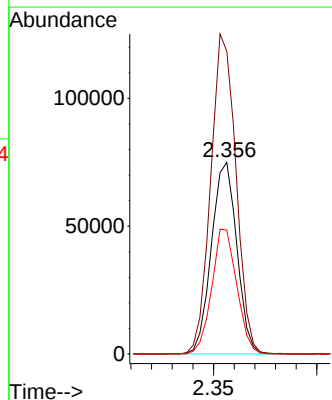
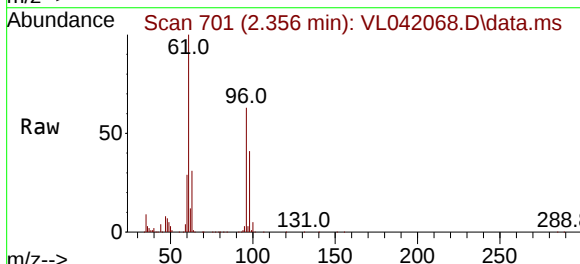
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

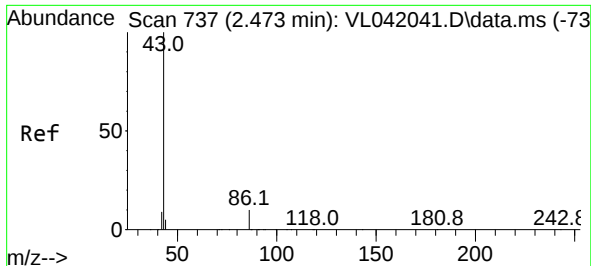
Tgt Ion: 41 Resp: 95455
 Ion Ratio Lower Upper
 41 100
 76 30.0 23.8 35.6
 39 80.4 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 8.873 ppbv
 RT: 2.356 min Scan# 701
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion: 96 Resp: 64221
 Ion Ratio Lower Upper
 96 100
 61 158.0 136.6 205.0
 98 64.6 51.8 77.6

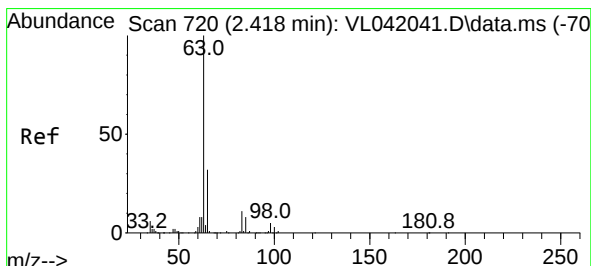
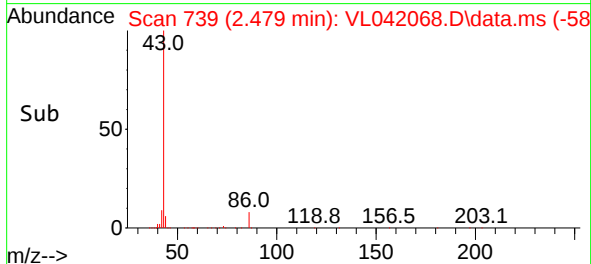
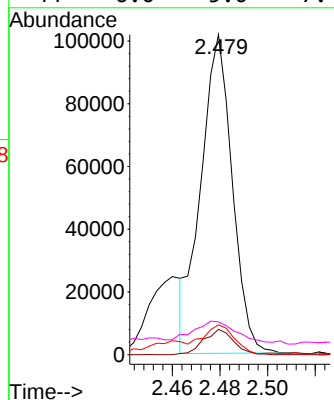
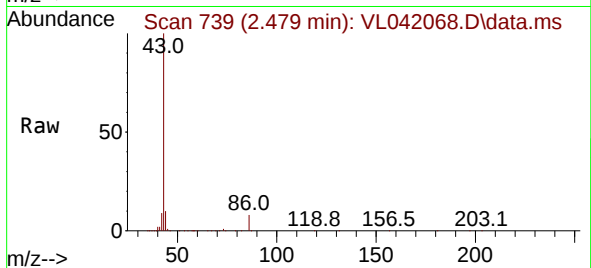




#23
 Vinyl Acetate
 Concen: 9.052 ppbv
 RT: 2.479 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

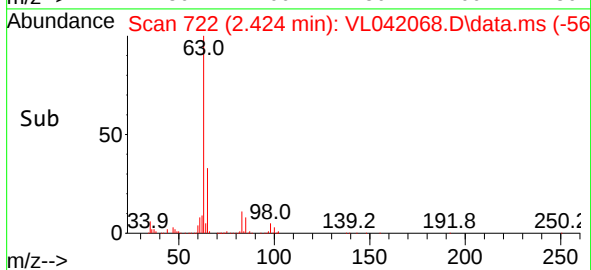
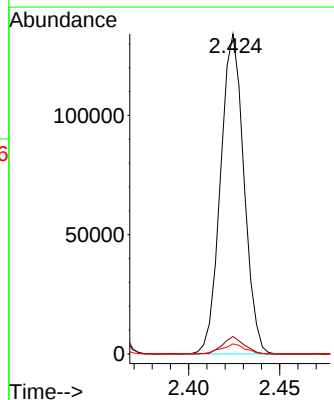
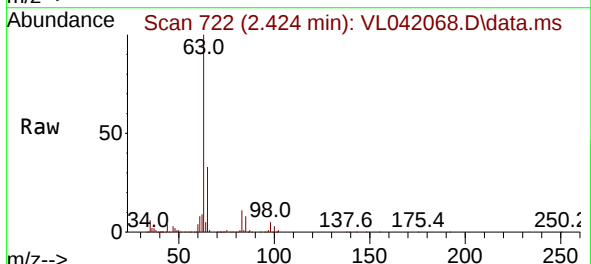
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

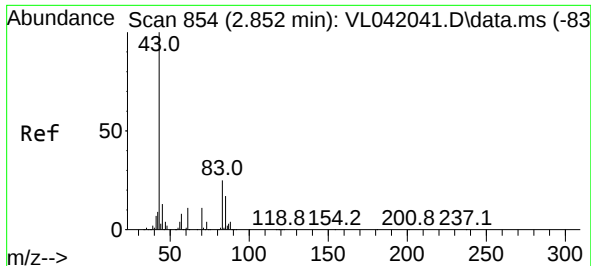
Tgt Ion:	43	Resp:	92926
Ion	Ratio	Lower	Upper
43	100		
86	7.9	7.0	10.4
42	9.0	7.6	11.4
44	6.0	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 8.899 ppbv
 RT: 2.424 min Scan# 722
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion:	63	Resp:	119840
Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.4	7.2
100	3.1	1.7	5.0





#25

Ethyl Acetate

Concen: 9.550 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABS01

Tgt Ion: 43 Resp: 558049

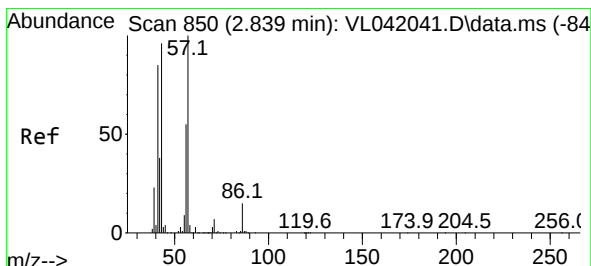
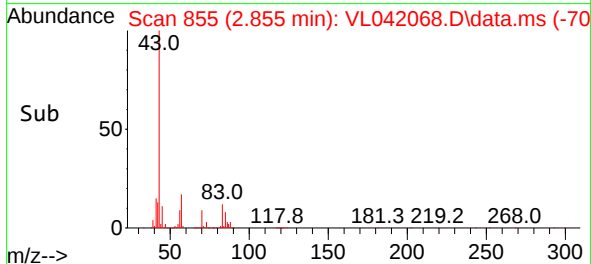
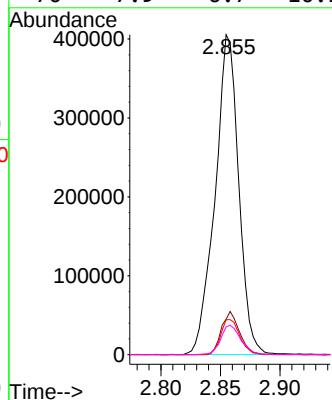
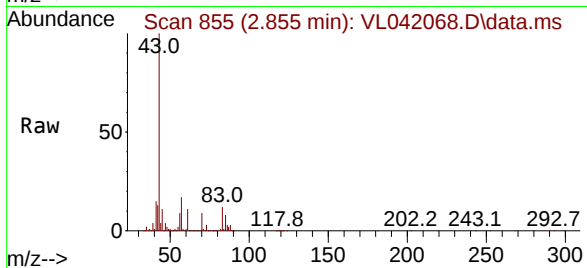
Ion Ratio Lower Upper

43 100

45 10.3 8.1 12.1

61 9.0 7.2 10.8

70 7.9 6.7 10.1



#26

Hexane

Concen: 9.198 ppbv

RT: 2.845 min Scan# 852

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Tgt Ion: 57 Resp: 217289

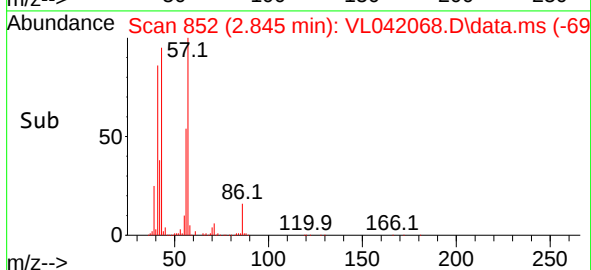
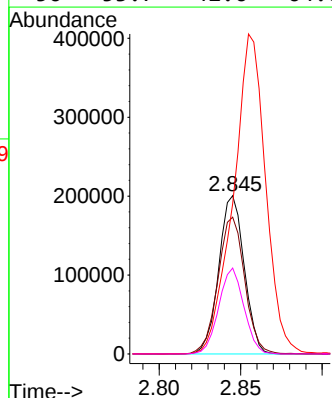
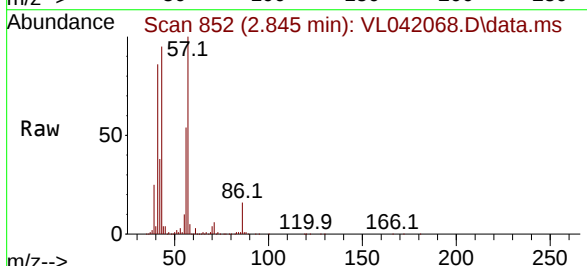
Ion Ratio Lower Upper

57 100

41 91.3 70.6 106.0

43 257.9 199.4 299.0

56 53.7 42.6 64.0

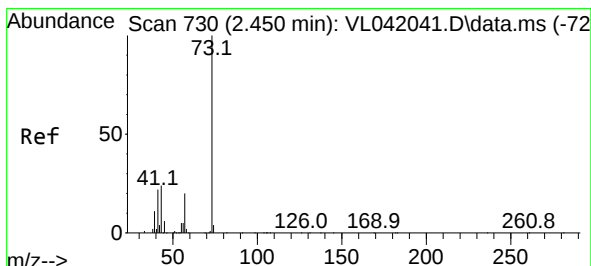
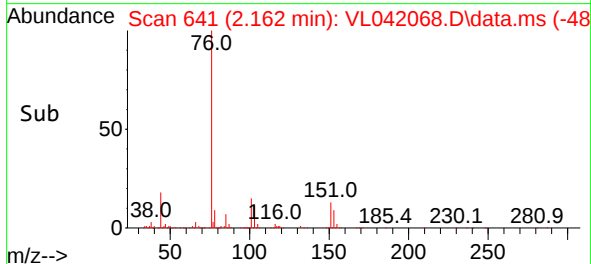
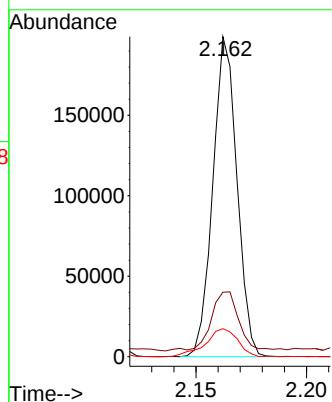
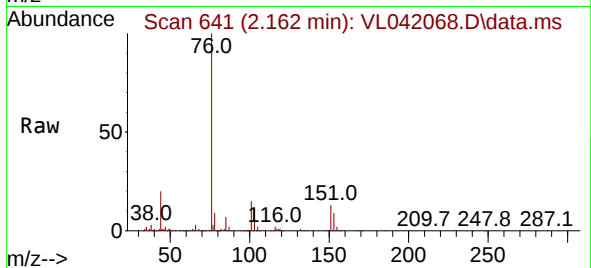




#27
Carbon Disulfide
Concen: 9.413 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

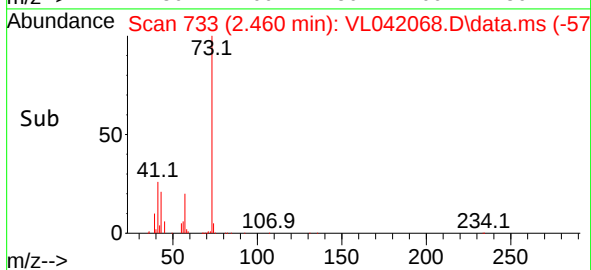
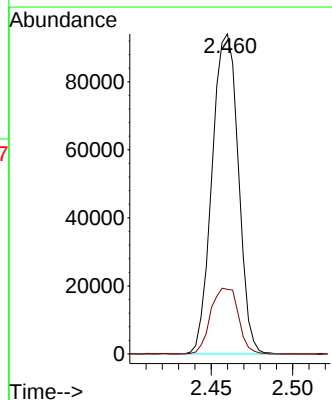
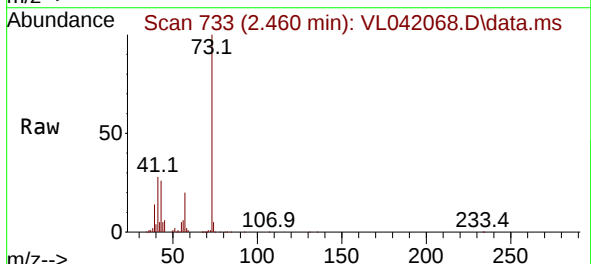
Instrument :
MSVOA_1
ClientSampleId :
VL0227ABS01

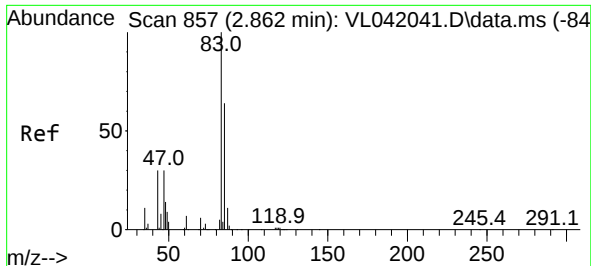
Tgt Ion: 76 Resp: 150739
Ion Ratio Lower Upper
76 100
44 21.2 16.2 24.2
78 11.8 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 8.953 ppbv
RT: 2.460 min Scan# 733
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 73 Resp: 105298
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5





#29

Chloroform

Concen: 9.088 ppbv

RT: 2.868 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

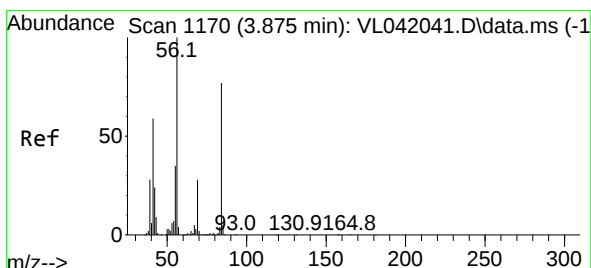
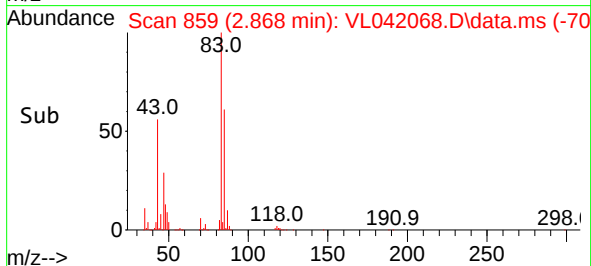
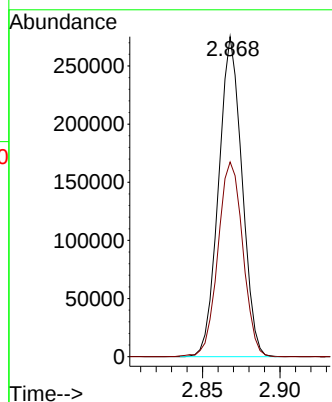
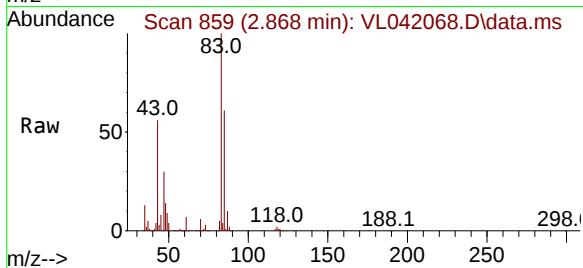
VL0227ABS01

Tgt Ion: 83 Resp: 288962

Ion Ratio Lower Upper

83 100

85 60.8 51.2 76.8



#30

Cyclohexane

Concen: 8.771 ppbv

RT: 3.884 min Scan# 1173

Delta R.T. 0.009 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

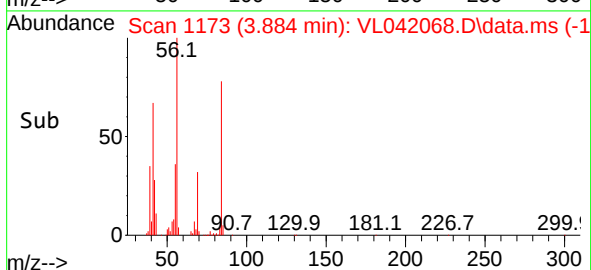
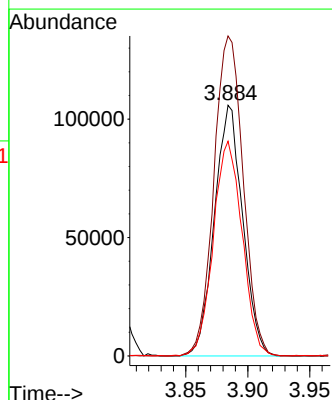
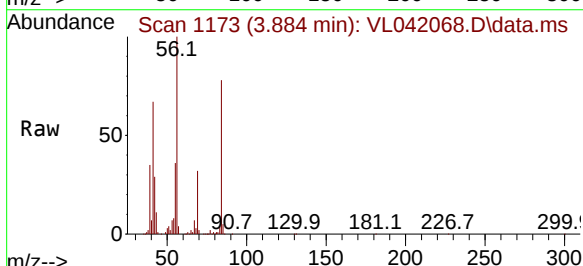
Tgt Ion: 84 Resp: 168184

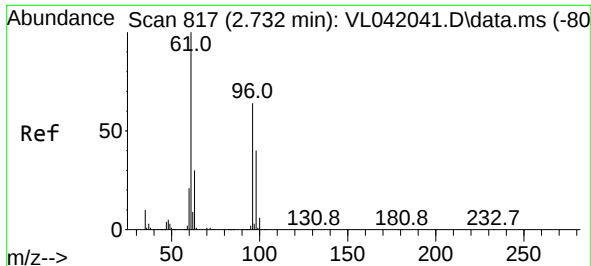
Ion Ratio Lower Upper

84 100

56 132.5 101.5 152.3

41 87.1 62.6 93.8

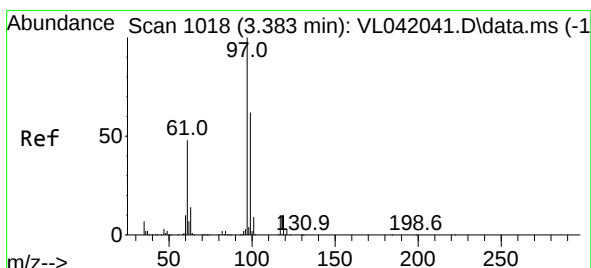
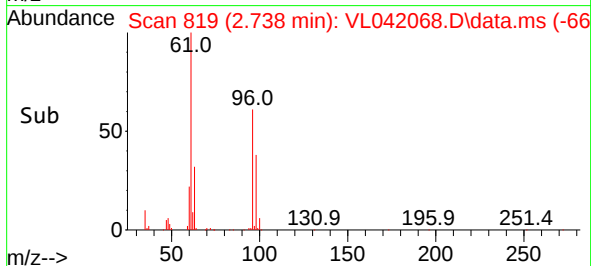
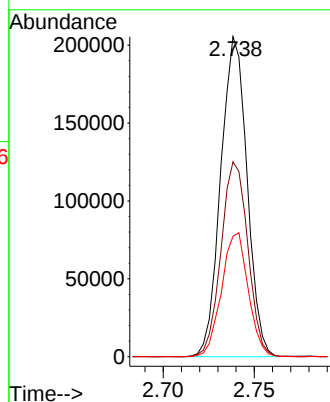
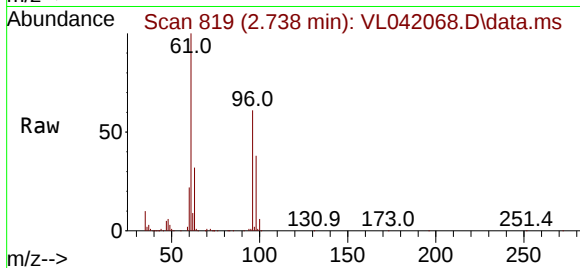




#31
 cis-1,2-Dichloroethene
 Concen: 9.232 ppbv
 RT: 2.738 min Scan# 817
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

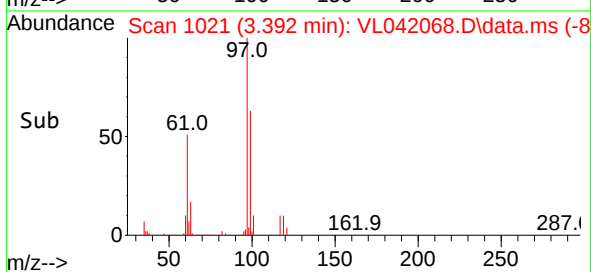
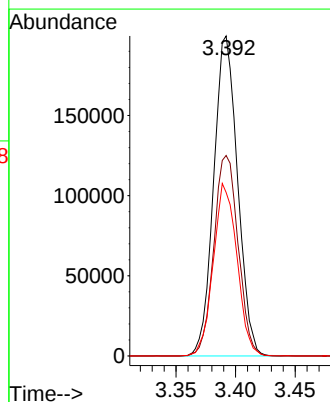
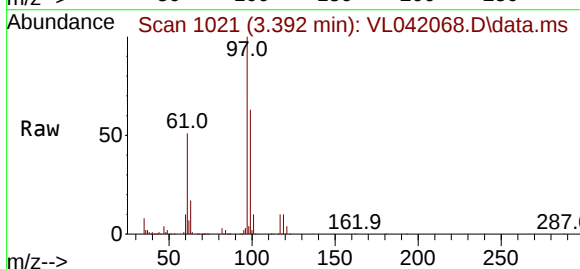
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

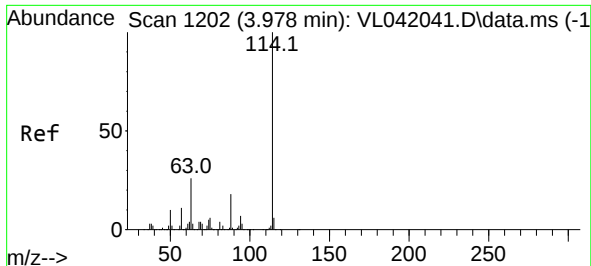
Tgt Ion: 61 Resp: 206470
 Ion Ratio Lower Upper
 61 100
 96 60.9 51.5 77.3
 98 37.7 32.0 48.0



#32
 1,1,1-Trichloroethane
 Concen: 9.021 ppbv
 RT: 3.392 min Scan# 1021
 Delta R.T. 0.009 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion: 97 Resp: 278241
 Ion Ratio Lower Upper
 97 100
 99 63.7 49.8 74.6
 61 53.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.988 min Scan# 11

Delta R.T. 0.009 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABS01

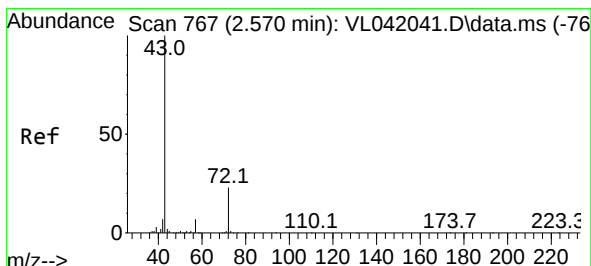
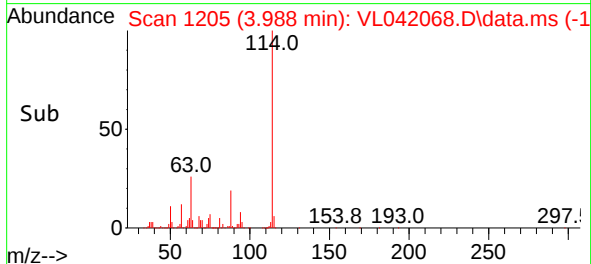
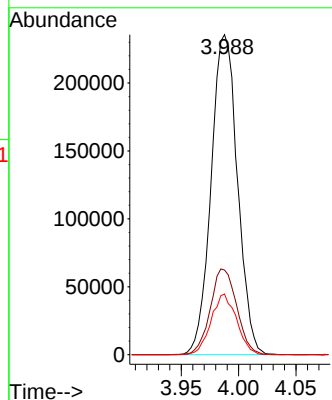
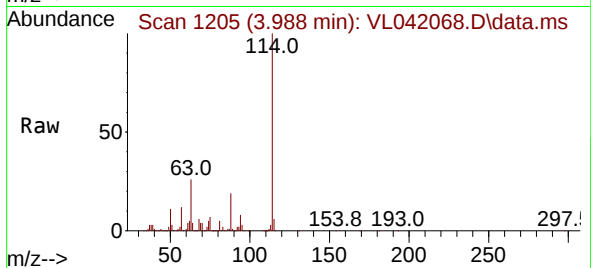
Tgt Ion:114 Resp: 376713

Ion Ratio Lower Upper

114 100

63 26.9 20.1 30.1

88 18.3 14.3 21.5



#34

2-Butanone

Concen: 11.041 ppbv

RT: 2.576 min Scan# 769

Delta R.T. 0.006 min

Lab File: VL042068.D

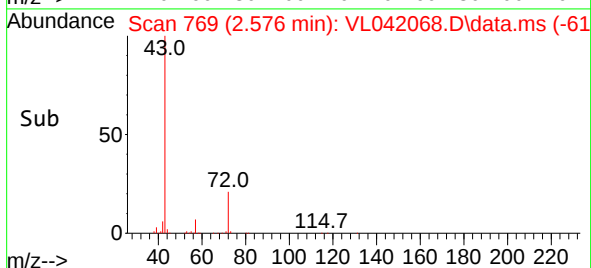
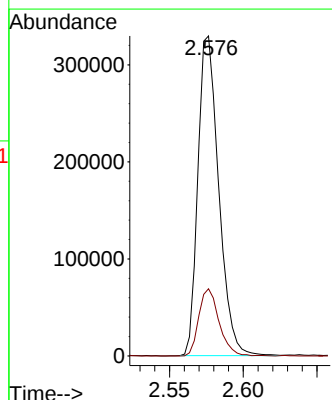
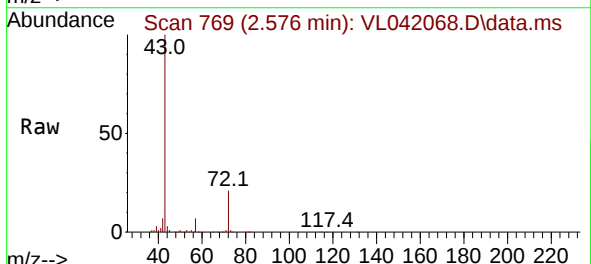
Acq: 27 Feb 2025 11:25

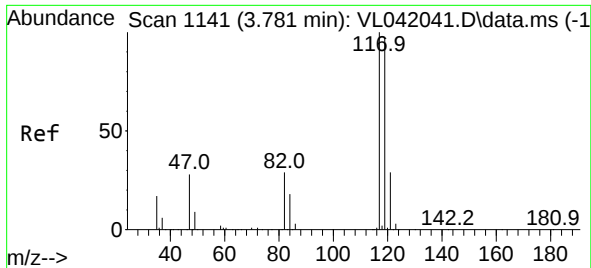
Tgt Ion: 43 Resp: 324037

Ion Ratio Lower Upper

43 100

72 20.5 18.5 27.7

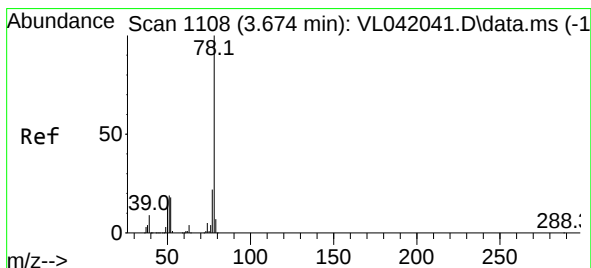
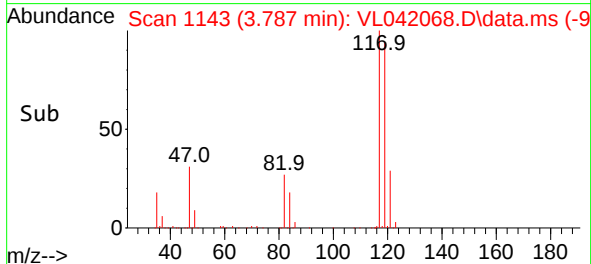
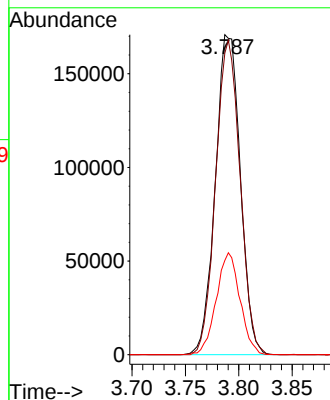
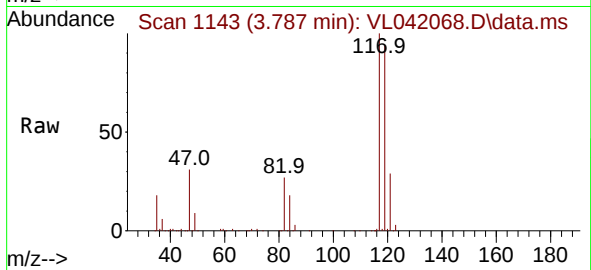




#35
Carbon Tetrachloride
Concen: 10.707 ppbv
RT: 3.787 min Scan# 1141
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

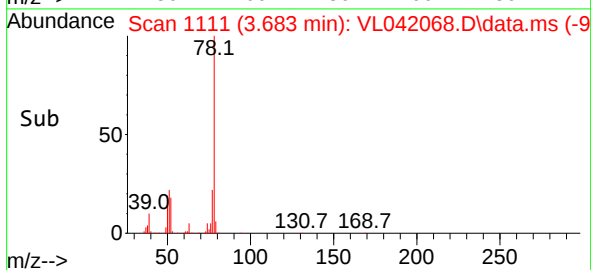
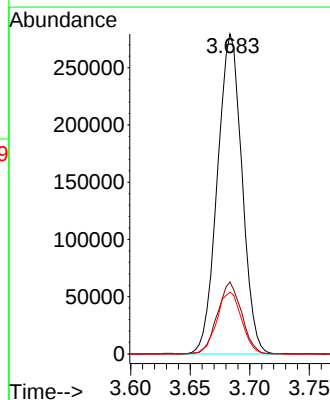
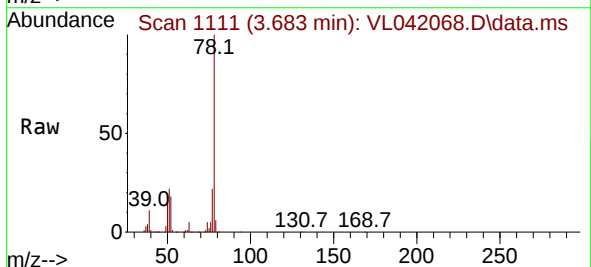
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

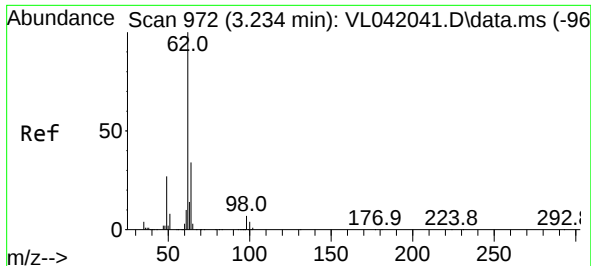
Tgt Ion:117 Resp: 278142
Ion Ratio Lower Upper
117 100
119 94.2 77.8 116.8
121 29.4 23.4 35.0



#36
Benzene
Concen: 10.158 ppbv
RT: 3.683 min Scan# 1111
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 78 Resp: 400607
Ion Ratio Lower Upper
78 100
77 22.4 17.7 26.5
50 19.3 13.9 20.9





#37

1,2-Dichloroethane

Concen: 10.702 ppbv

RT: 3.240 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

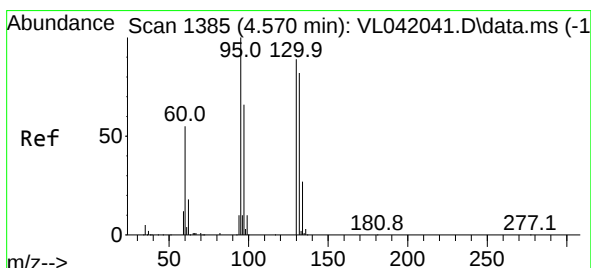
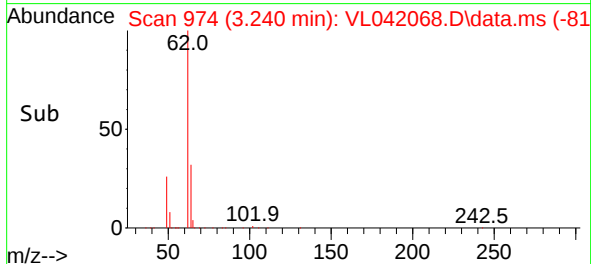
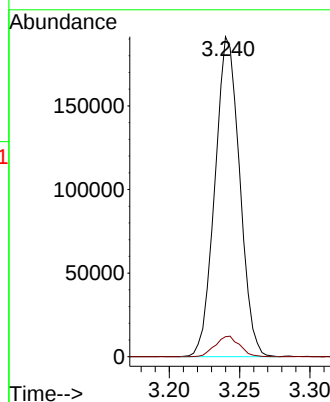
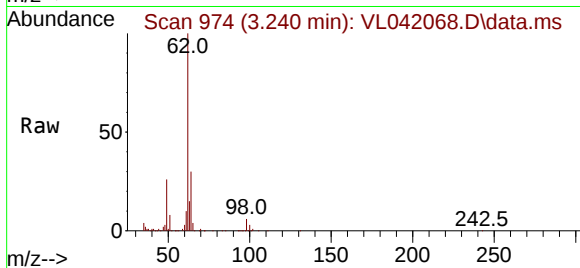
VL0227ABS01

Tgt Ion: 62 Resp: 233998

Ion Ratio Lower Upper

62 100

98 6.3 5.7 8.5



#38

Trichloroethene

Concen: 9.500 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.013 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Tgt Ion:130 Resp: 152975

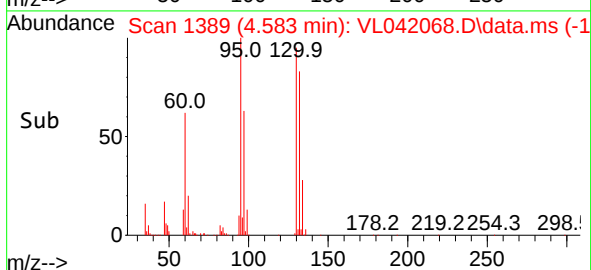
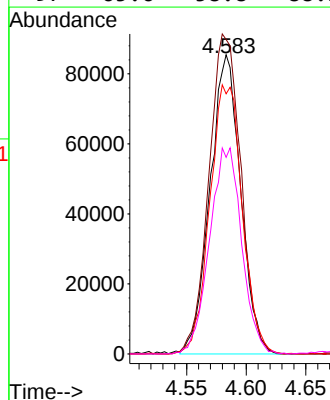
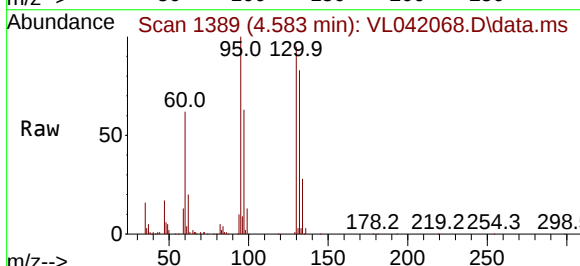
Ion Ratio Lower Upper

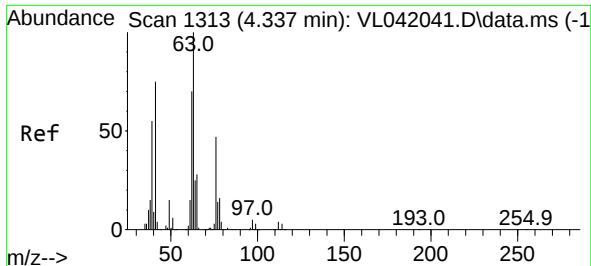
130 100

95 104.8 89.5 134.3

132 86.7 73.8 110.6

97 65.6 58.8 88.2





#39

1,2-Dichloropropane

Concen: 10.310 ppbv

RT: 4.347 min Scan# 11

Delta R.T. 0.009 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABS01

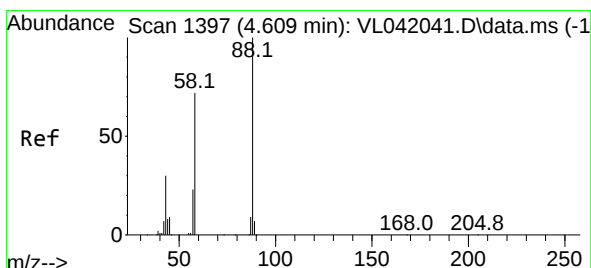
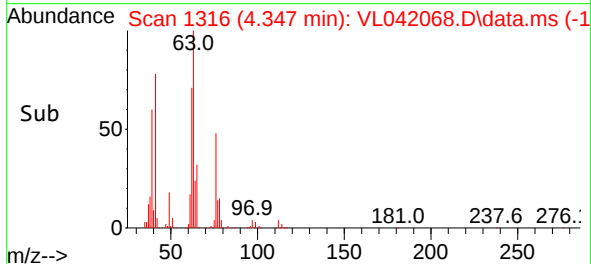
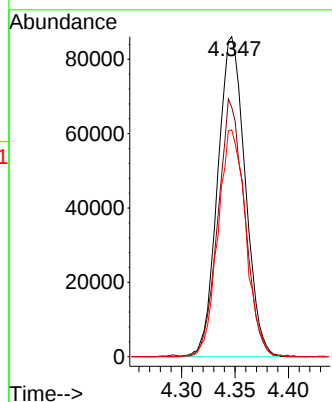
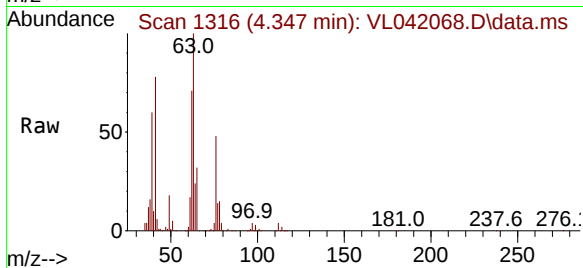
Tgt Ion: 63 Resp: 154331

Ion Ratio Lower Upper

63 100

41 77.8 60.1 90.1

62 70.7 55.8 83.8



#40

1,4-Dioxane

Concen: 9.499 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.009 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Tgt Ion: 88 Resp: 64907

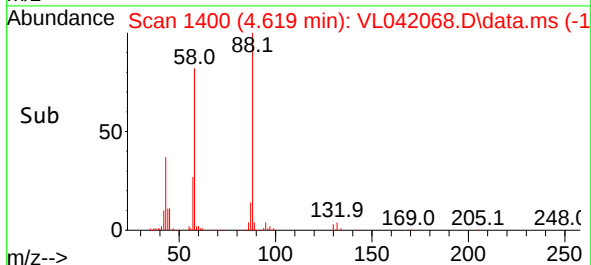
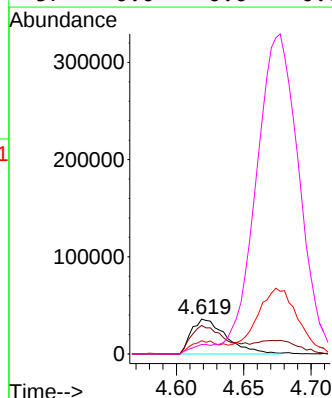
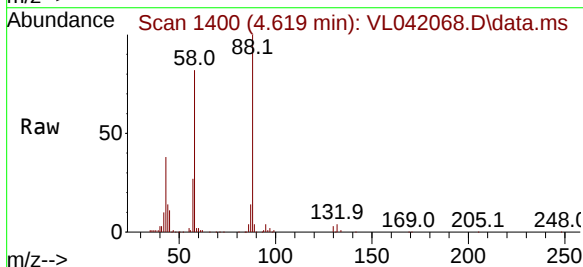
Ion Ratio Lower Upper

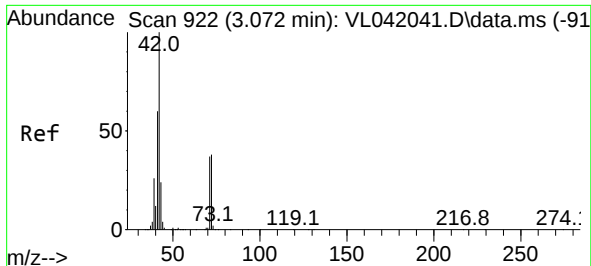
88 100

58 83.9 62.6 94.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

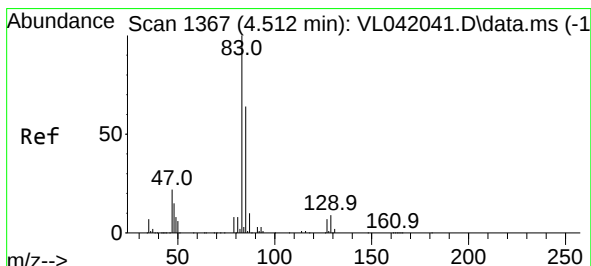
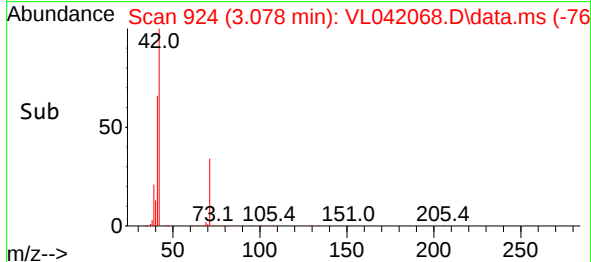
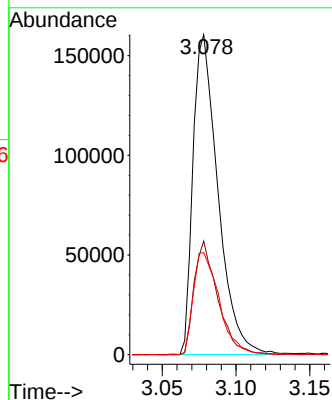
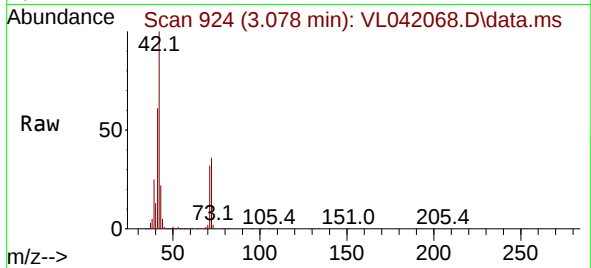




#41
Tetrahydrofuran
Concen: 10.886 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

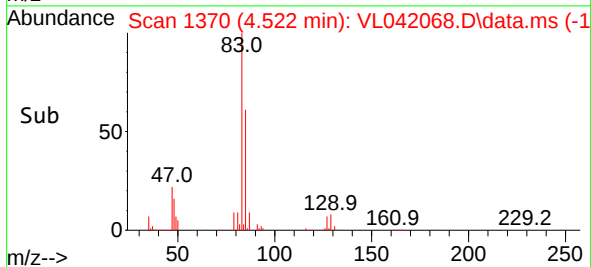
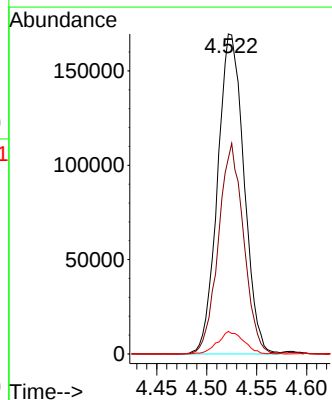
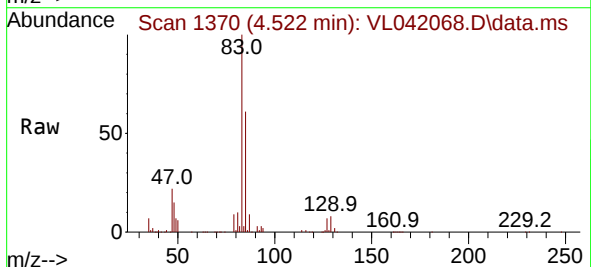
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

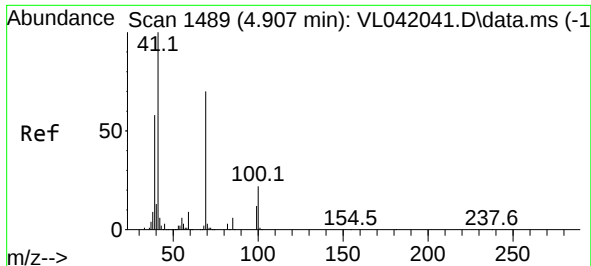
Tgt Ion: 42 Resp: 188776
Ion Ratio Lower Upper
42 100
72 33.9 30.2 45.2
71 33.4 28.2 42.4



#42
Bromodichloromethane
Concen: 10.582 ppbv
RT: 4.522 min Scan# 1370
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 83 Resp: 311726
Ion Ratio Lower Upper
83 100
85 61.1 51.4 77.2
127 7.1 5.8 8.6

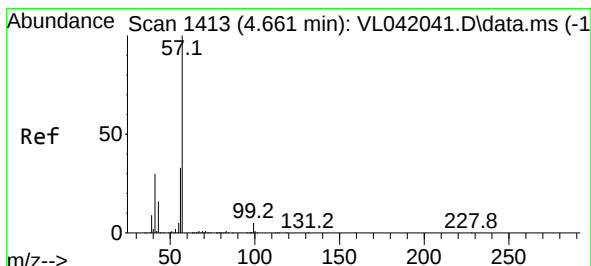
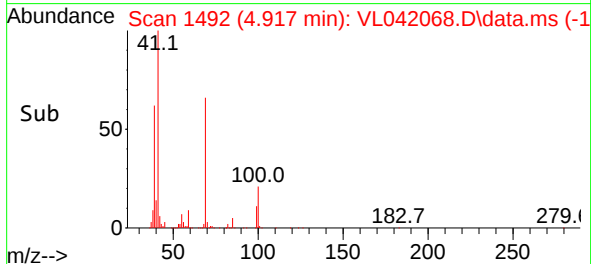
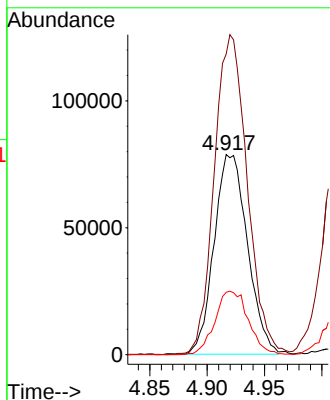
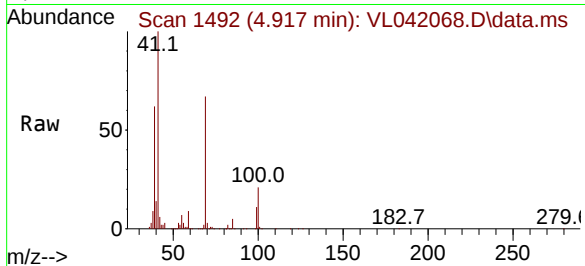




#43
Methyl Methacrylate
Concen: 10.335 ppbv
RT: 4.917 min Scan# 1489
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

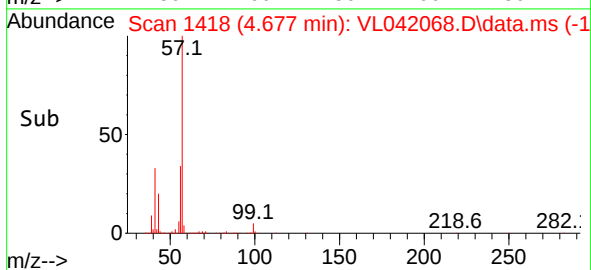
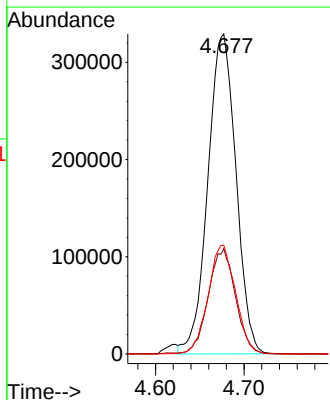
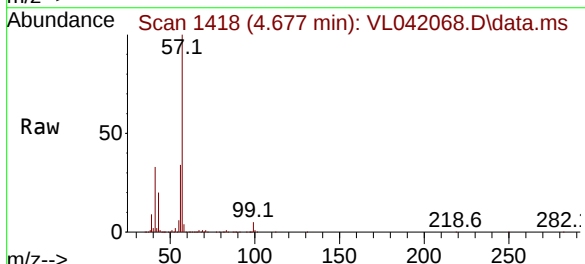
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

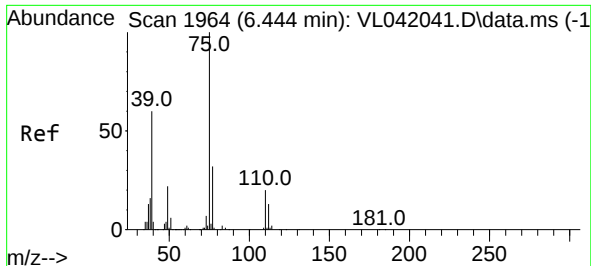
Tgt Ion: 69 Resp: 159170
Ion Ratio Lower Upper
69 100
41 158.7 118.2 177.4
100 31.8 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.445 ppbv
RT: 4.677 min Scan# 1418
Delta R.T. 0.016 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 57 Resp: 726970
Ion Ratio Lower Upper
57 100
41 32.1 24.4 36.6
56 33.2 26.5 39.7





#45

t-1,3-Dichloropropene

Concen: 9.724 ppbv

RT: 6.457 min Scan# 1964

Delta R.T. 0.013 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

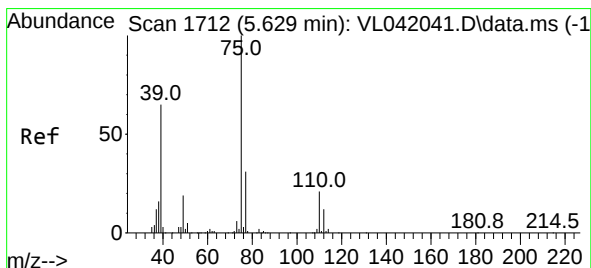
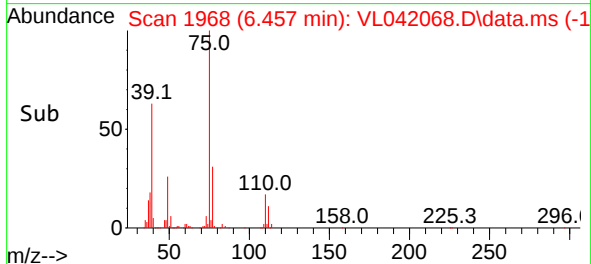
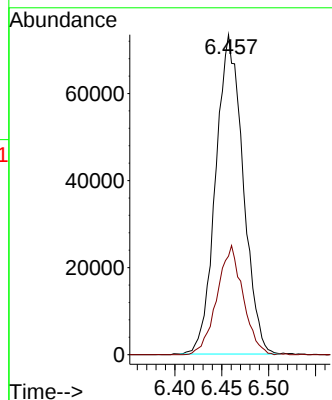
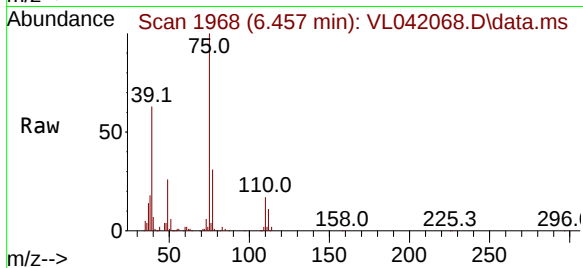
VL0227ABS01

Tgt Ion: 75 Resp: 148784

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 9.989 ppbv

RT: 5.645 min Scan# 1717

Delta R.T. 0.016 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

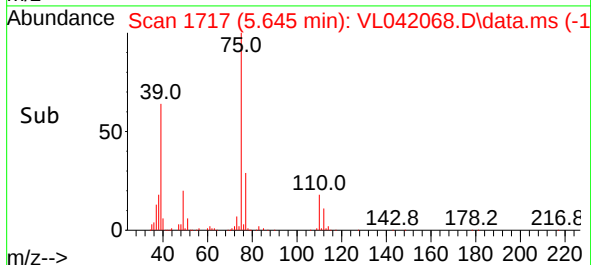
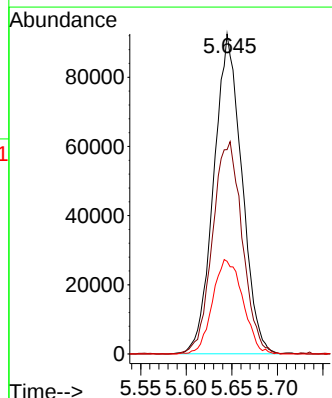
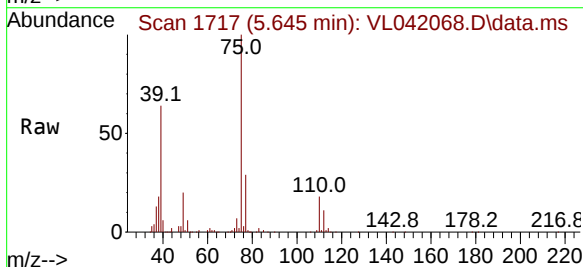
Tgt Ion: 75 Resp: 197788

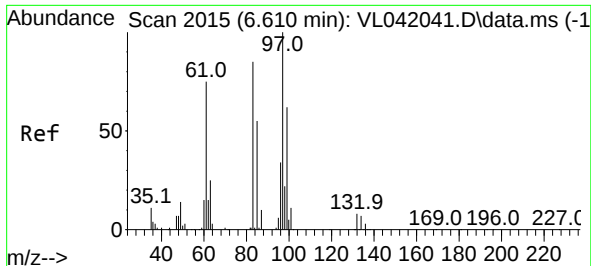
Ion Ratio Lower Upper

75 100

39 63.7 51.9 77.9

77 28.9 24.9 37.3

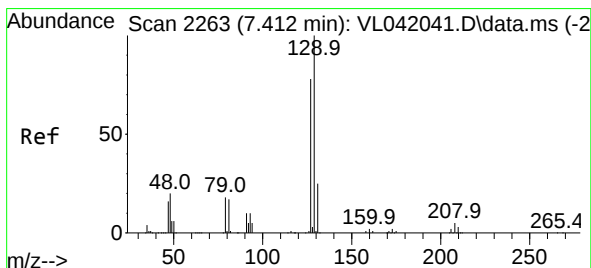
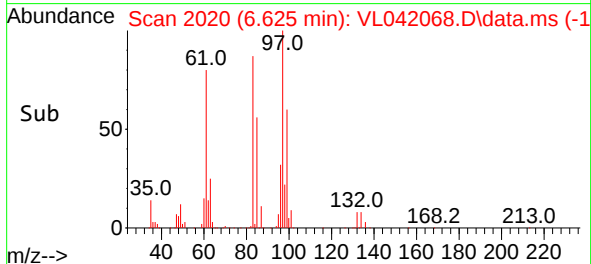
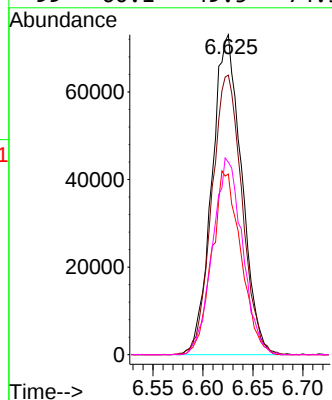
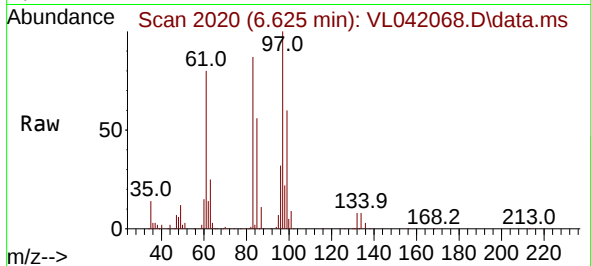




#47
1,1,2-Trichloroethane
Concen: 9.952 ppbv
RT: 6.625 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

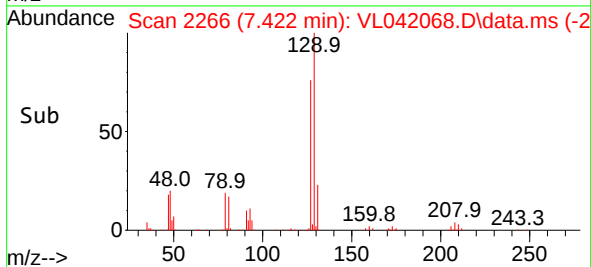
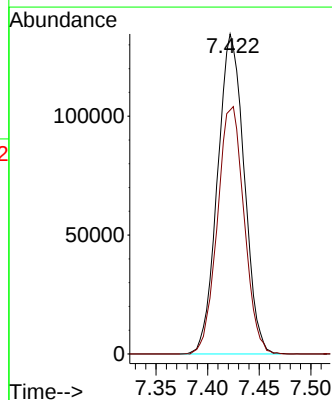
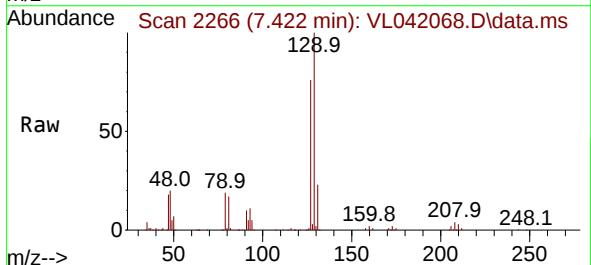
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

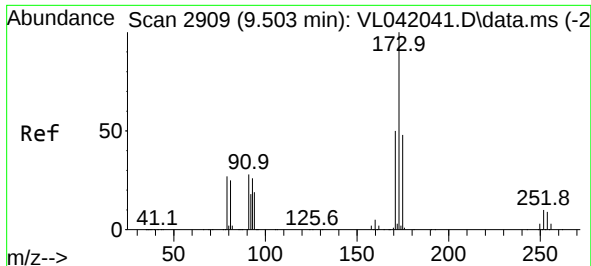
Tgt Ion: 97 Resp: 151230
Ion Ratio Lower Upper
97 100
83 87.0 68.1 102.1
85 56.5 44.0 66.0
99 60.1 49.5 74.3



#48
Dibromochloromethane
Concen: 10.157 ppbv
RT: 7.422 min Scan# 2266
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 129 Resp: 241737
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

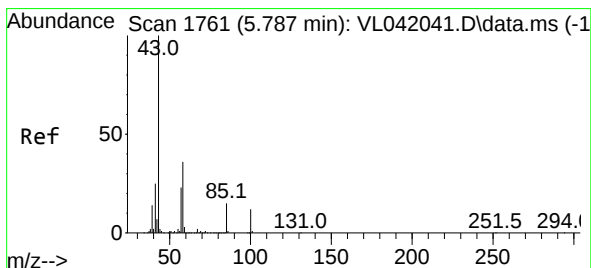
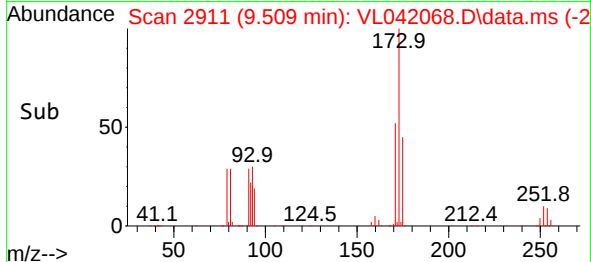
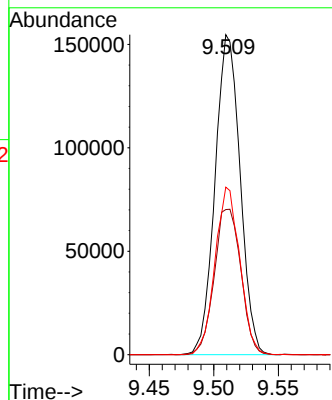
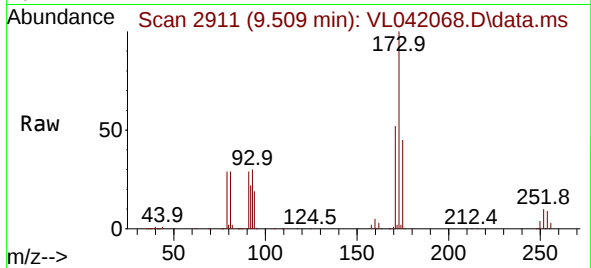




#49
Bromoform
Concen: 10.100 ppbv
RT: 9.509 min Scan# 2909
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

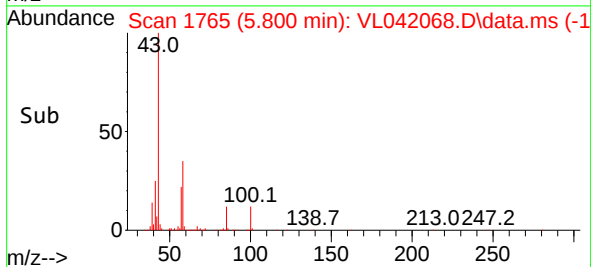
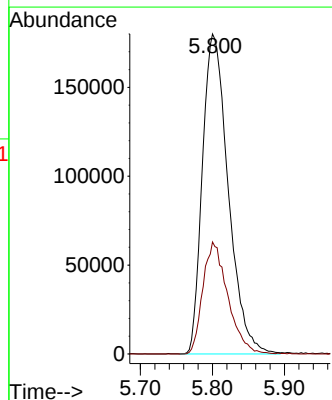
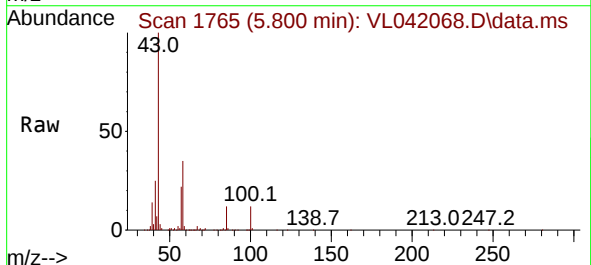
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

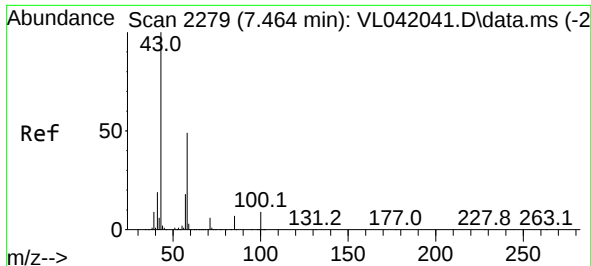
Tgt Ion:173 Resp: 208752
Ion Ratio Lower Upper
173 100
175 48.4 38.3 57.5
171 51.7 40.2 60.2



#50
4-Methyl-2-Pentanone
Concen: 11.804 ppbv
RT: 5.800 min Scan# 1765
Delta R.T. 0.013 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 43 Resp: 448045
Ion Ratio Lower Upper
43 100
58 33.8 29.3 43.9

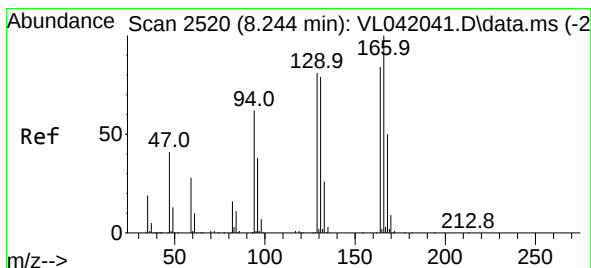
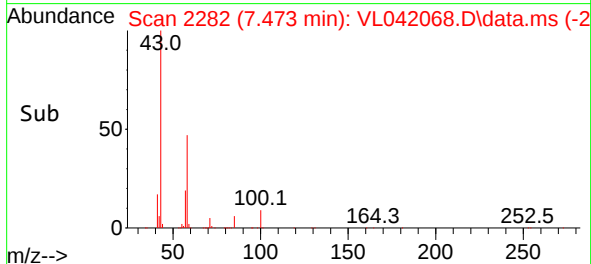
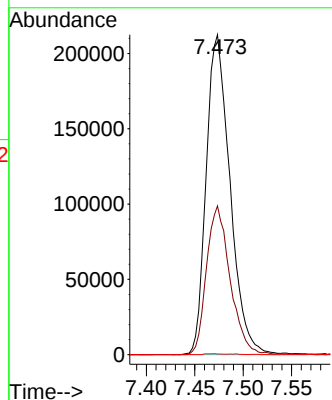
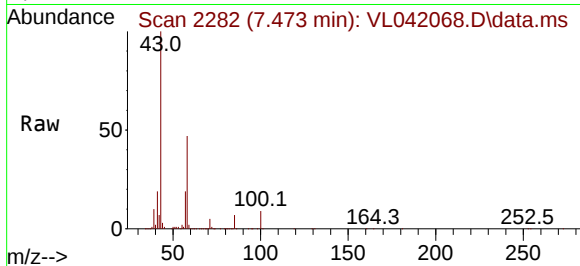




#51
2-Hexanone
Concen: 13.905 ppbv
RT: 7.473 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

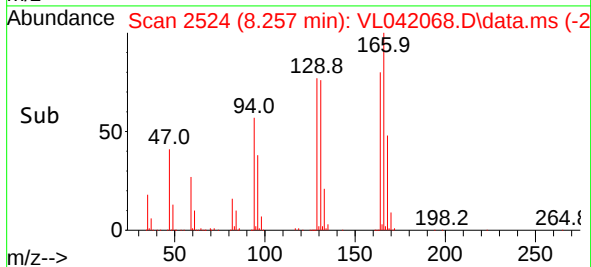
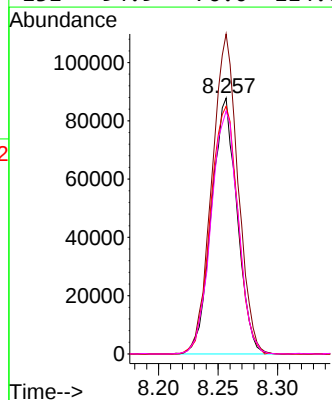
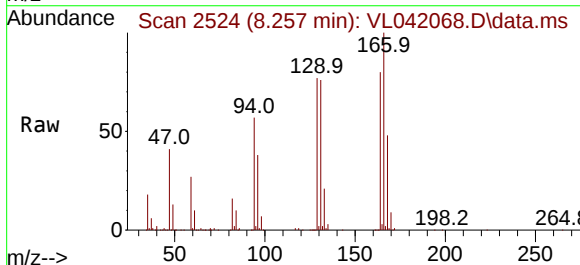
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

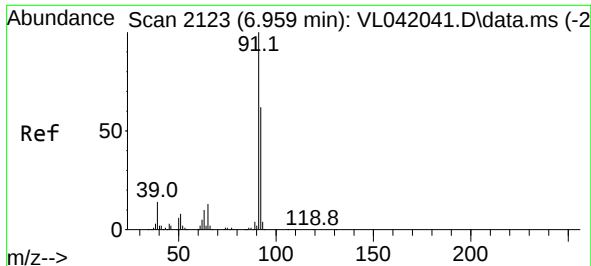
Tgt Ion: 43 Resp: 363250
Ion Ratio Lower Upper
43 100
58 46.3 39.0 58.6
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.708 ppbv
RT: 8.257 min Scan# 2524
Delta R.T. 0.013 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 164 Resp: 131063
Ion Ratio Lower Upper
164 100
166 125.0 95.7 143.5
129 96.7 77.1 115.7
131 94.9 76.0 114.0

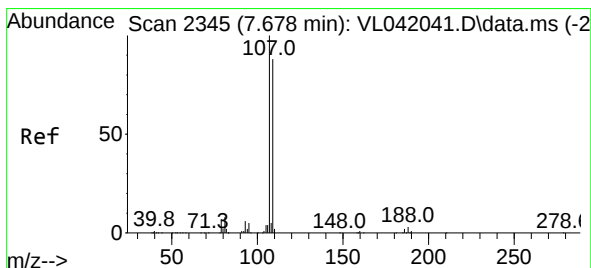
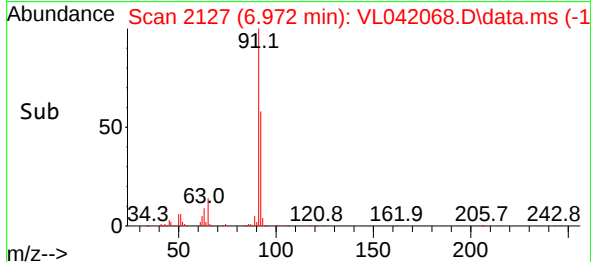
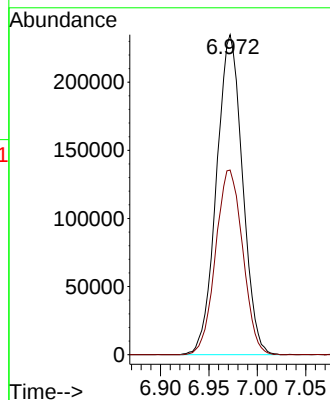
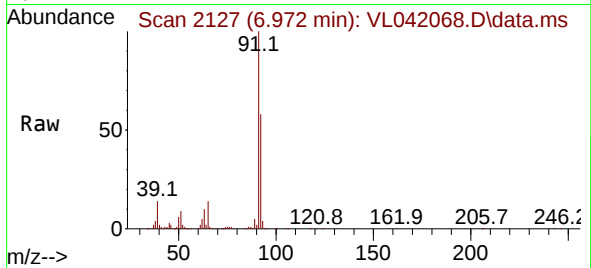




#53
Toluene
Concen: 9.965 ppbv
RT: 6.972 min Scan# 2123
Delta R.T. 0.013 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

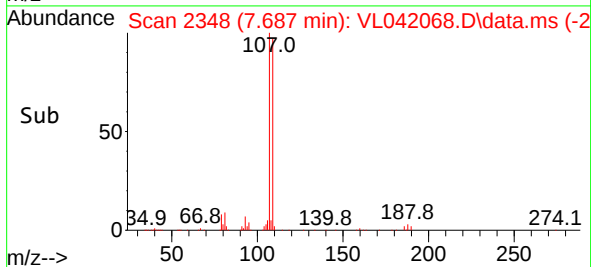
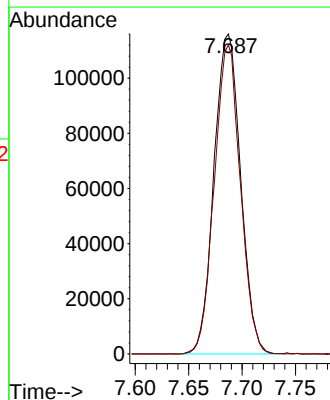
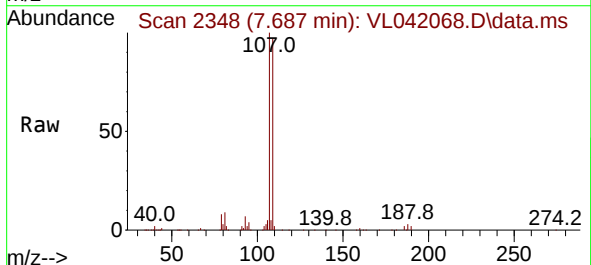
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

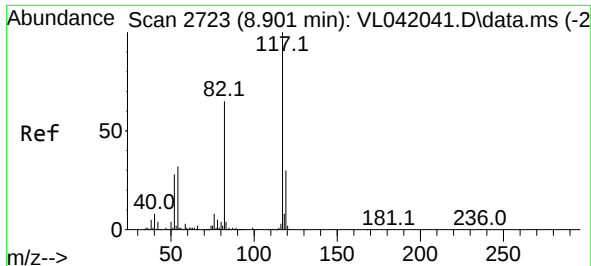
Tgt Ion: 91 Resp: 439197
Ion Ratio Lower Upper
91 100
92 60.2 49.0 73.6



#54
1,2-Dibromoethane
Concen: 9.801 ppbv
RT: 7.687 min Scan# 2348
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 107 Resp: 201354
Ion Ratio Lower Upper
107 100
109 96.6 70.2 105.4

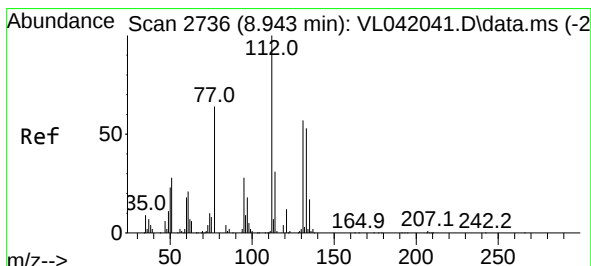
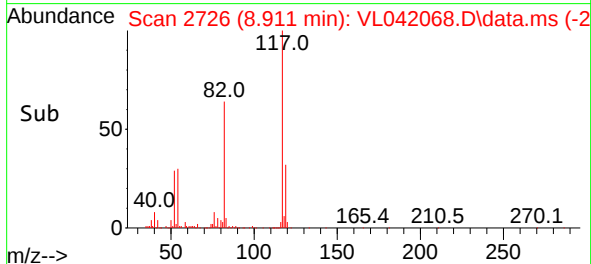
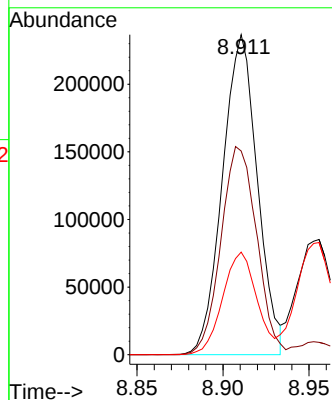
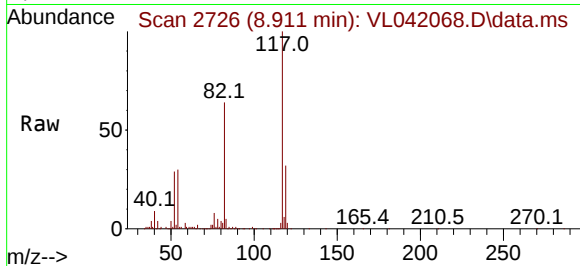




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.911 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

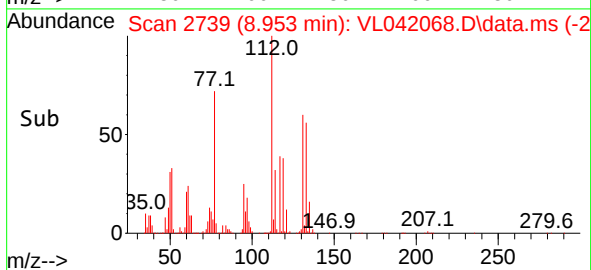
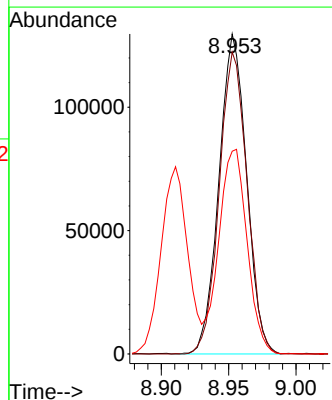
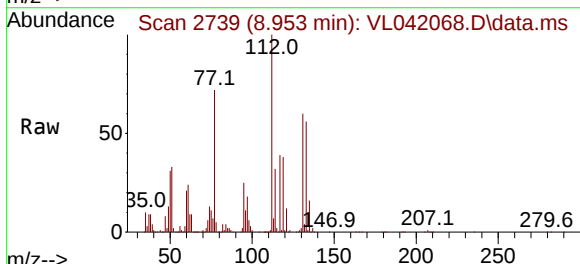
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

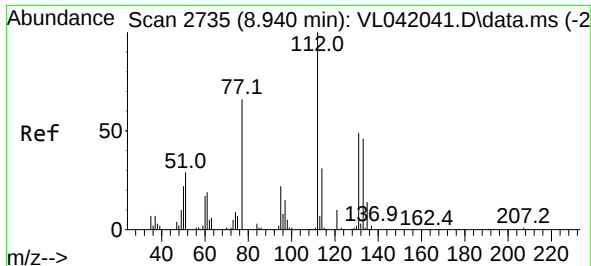
Tgt Ion:117 Resp: 334241
Ion Ratio Lower Upper
117 100
82 70.7 55.0 82.6
119 30.7 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 9.794 ppbv
RT: 8.953 min Scan# 2739
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion:131 Resp: 185028
Ion Ratio Lower Upper
131 100
133 95.1 75.8 113.8
119 66.9 52.1 78.1

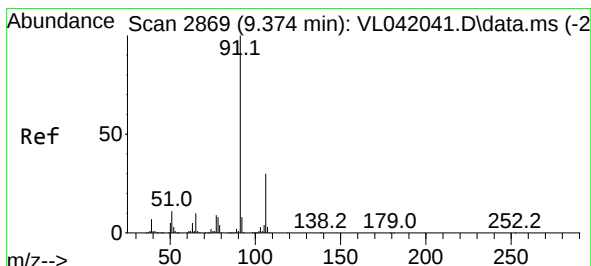
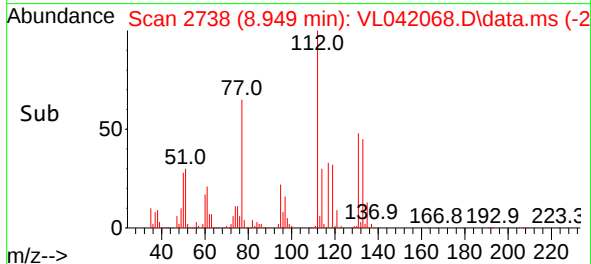
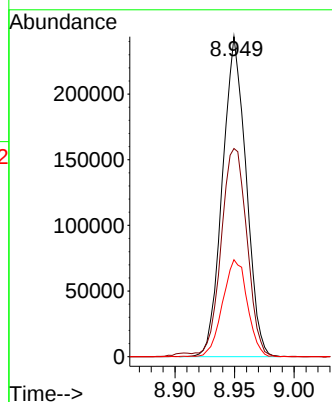
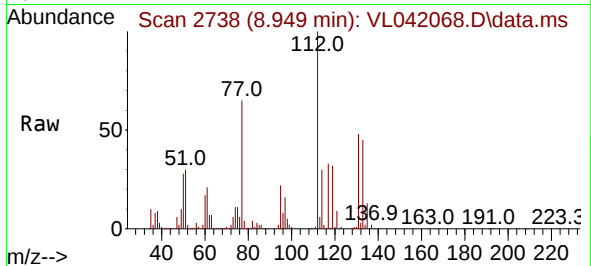




#57
Chlorobenzene
Concen: 9.700 ppbv
RT: 8.949 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

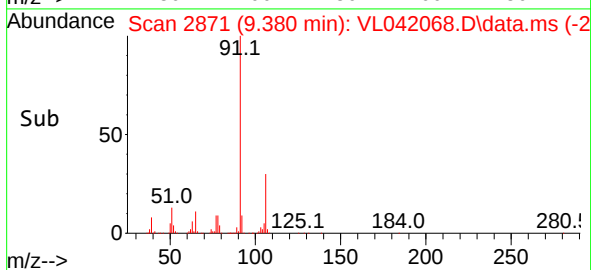
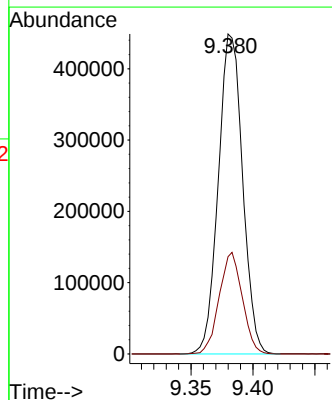
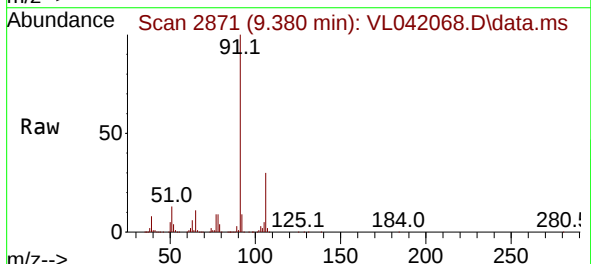
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

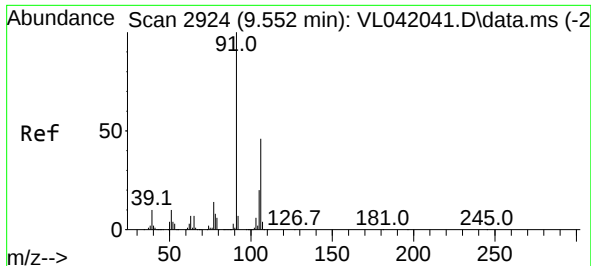
Tgt Ion:112 Resp: 336164
Ion Ratio Lower Upper
112 100
77 65.0 53.4 80.2
114 30.3 28.3 34.5



#58
Ethyl Benzene
Concen: 9.957 ppbv
RT: 9.380 min Scan# 2871
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 91 Resp: 612879
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2





#59

m/p-Xylene

Concen: 10.376 ppbv

RT: 9.558 min Scan# 2924

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

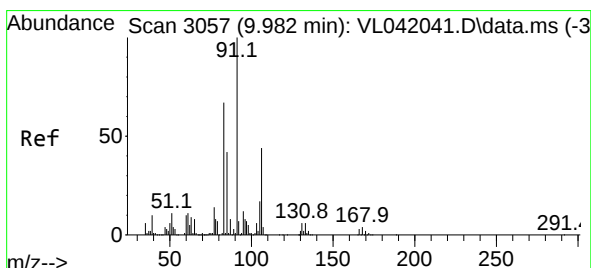
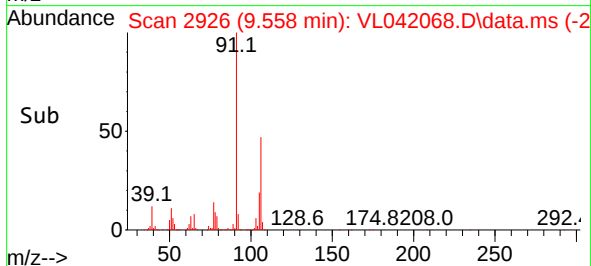
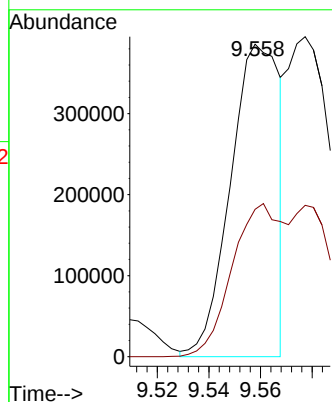
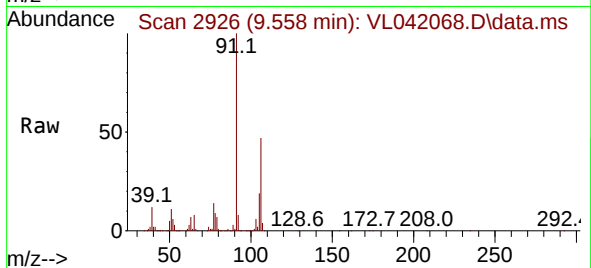
VL0227ABS01

Tgt Ion: 91 Resp: 508258

Ion Ratio Lower Upper

91 100

106 91.9 0.0 0.0#



#60

o-Xylene

Concen: 10.061 ppbv

RT: 9.988 min Scan# 3059

Delta R.T. 0.006 min

Lab File: VL042068.D

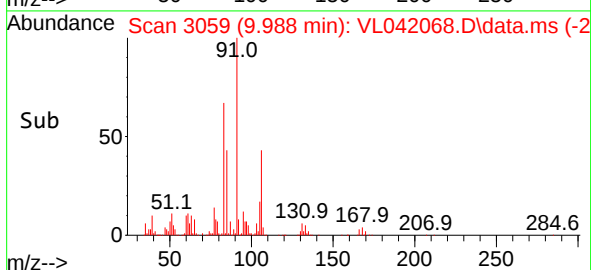
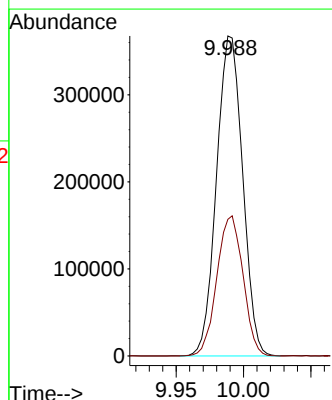
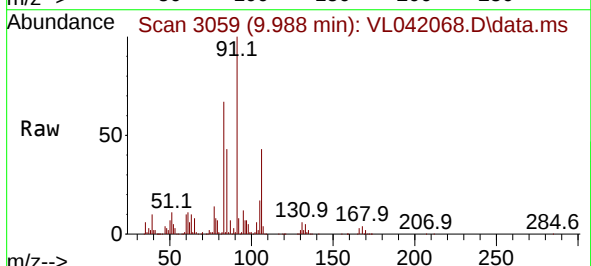
Acq: 27 Feb 2025 11:25

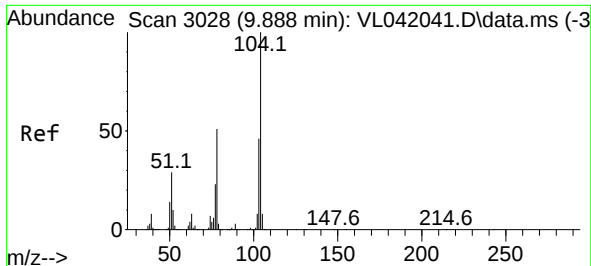
Tgt Ion: 91 Resp: 495449

Ion Ratio Lower Upper

91 100

106 43.8 22.3 66.8

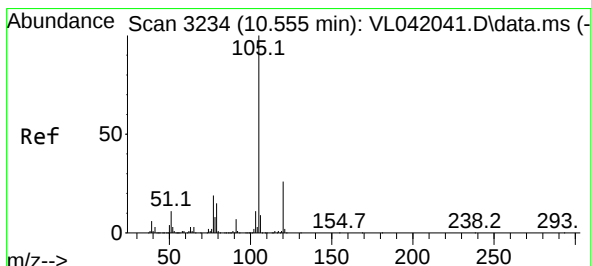
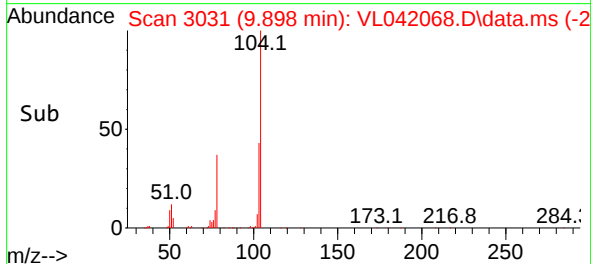
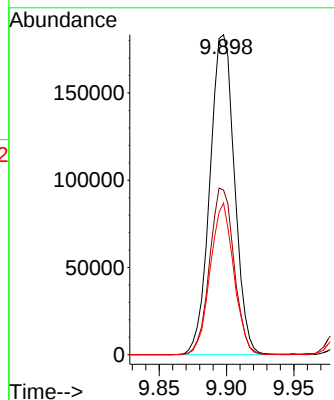
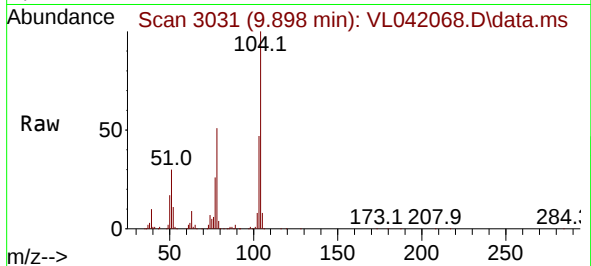




#61
Styrene
Concen: 10.069 ppbv
RT: 9.898 min Scan# 3028
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

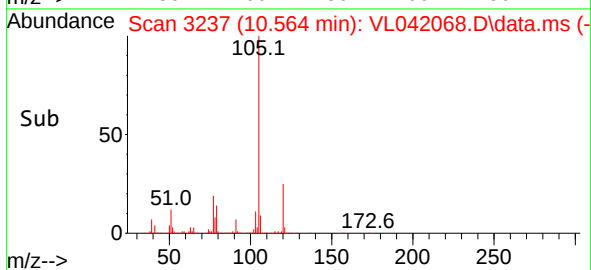
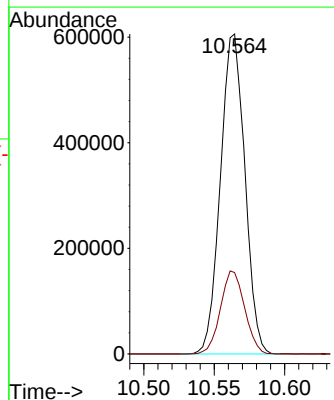
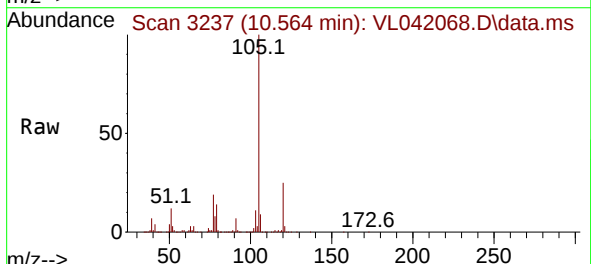
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

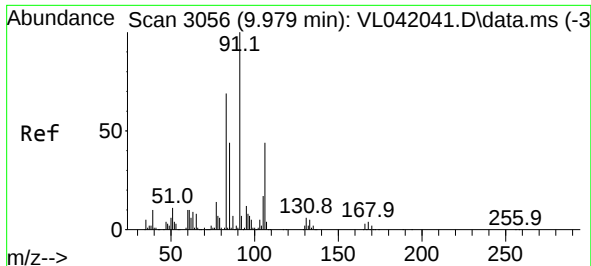
Tgt Ion:104 Resp: 233127
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.4
103 45.5 37.0 55.6



#62
Isopropylbenzene
Concen: 9.933 ppbv
RT: 10.564 min Scan# 3237
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion:105 Resp: 732584
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1

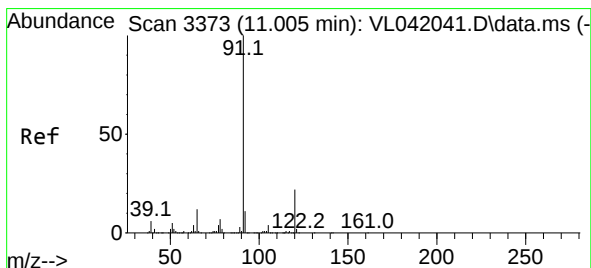
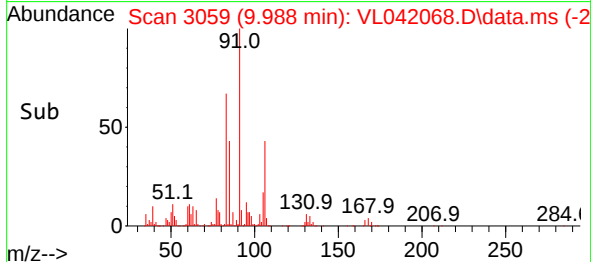
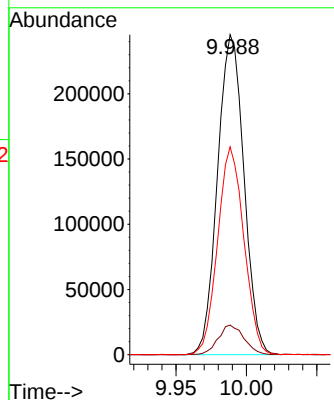
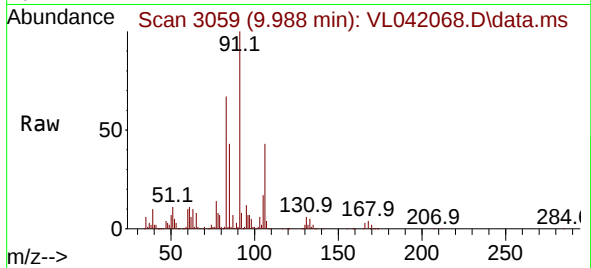




#63
1,1,2-Tetrachloroethane
Concen: 9.899 ppbv
RT: 9.988 min Scan# 3056
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

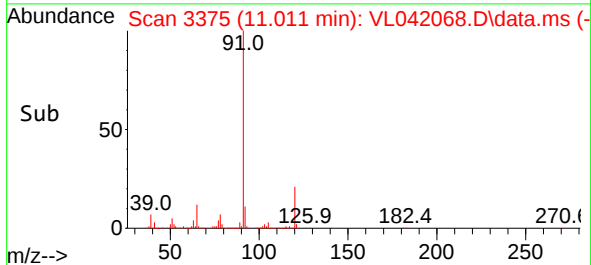
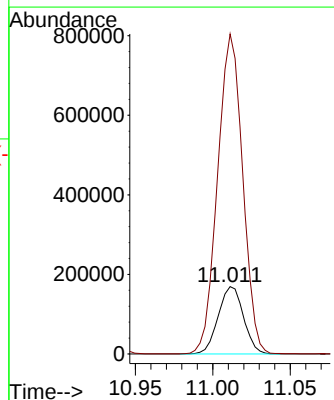
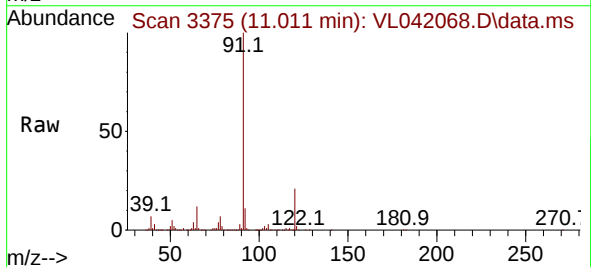
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

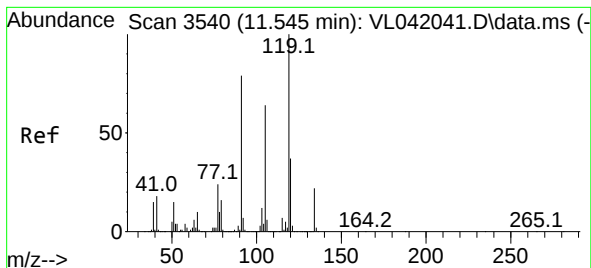
Tgt Ion: 83 Resp: 321036
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 64.4 32.1 96.3



#64
n-propylbenzene
Concen: 9.918 ppbv
RT: 11.011 min Scan# 3375
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion: 120 Resp: 191865
Ion Ratio Lower Upper
120 100
91 473.9 370.6 556.0





#65

tert-Butylbenzene

Concen: 9.719 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABS01

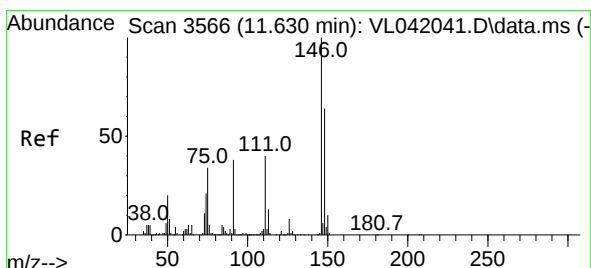
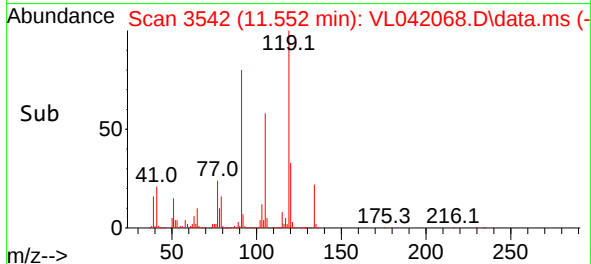
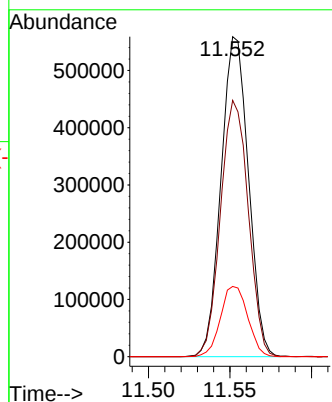
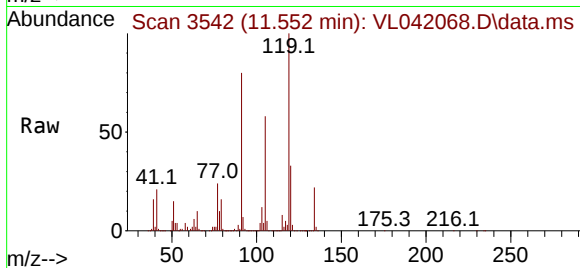
Tgt Ion:119 Resp: 652374

Ion Ratio Lower Upper

119 100

91 81.2 64.2 96.2

134 21.9 17.4 26.2



#66

Benzyl Chloride

Concen: 8.381 ppbv

RT: 11.639 min Scan# 3569

Delta R.T. 0.009 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

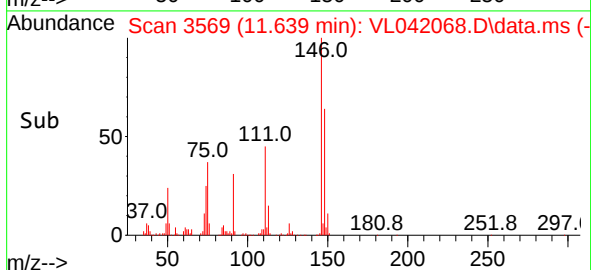
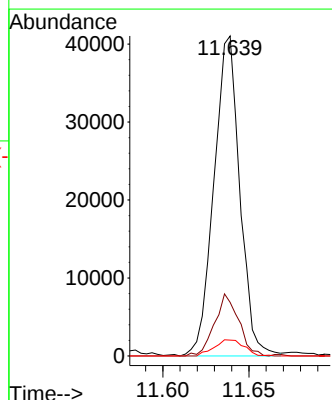
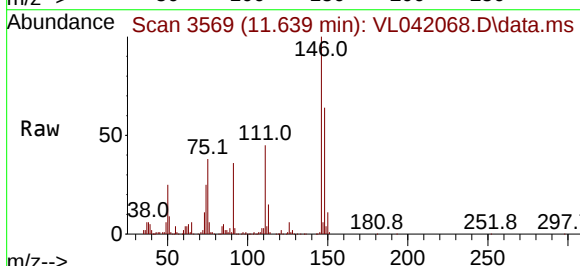
Tgt Ion: 91 Resp: 42928

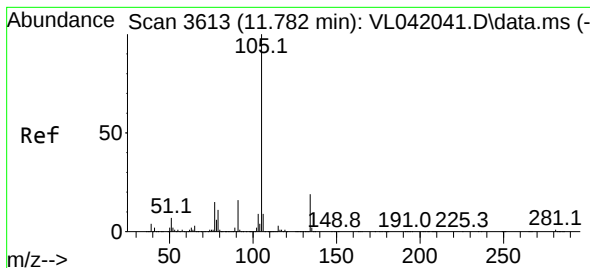
Ion Ratio Lower Upper

91 100

126 18.2 14.5 21.7

128 5.8 5.4 8.2

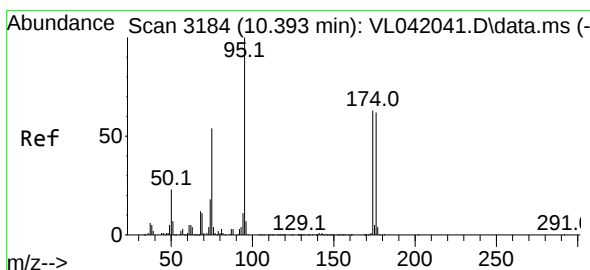
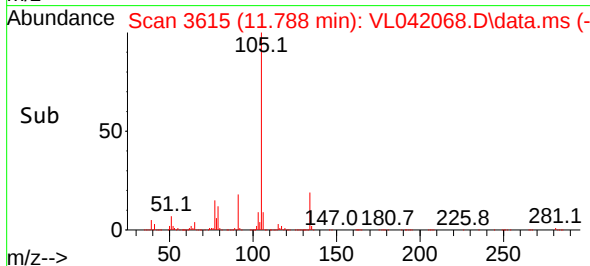
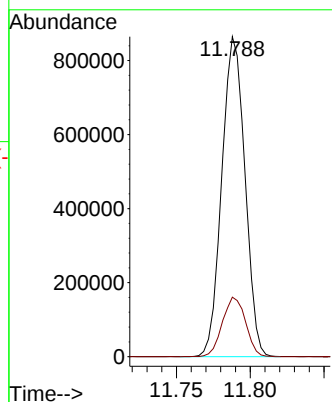
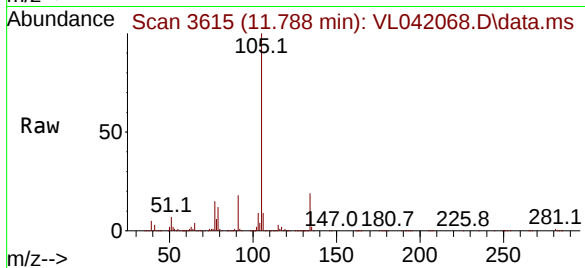




#67
 sec-Butylbenzene
 Concen: 9.821 ppbv
 RT: 11.788 min Scan# 3615
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

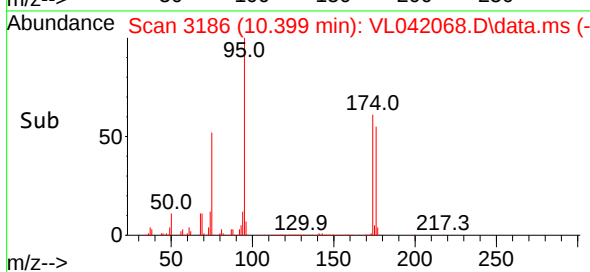
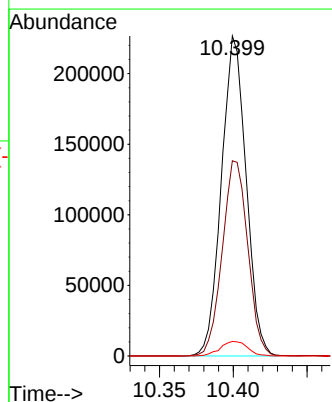
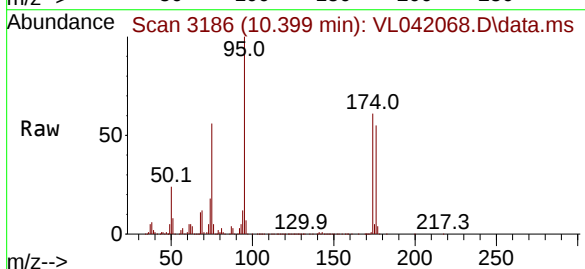
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

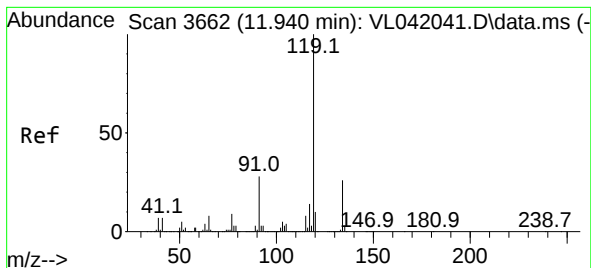
Tgt Ion:105 Resp: 942757
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.275 ppbv
 RT: 10.399 min Scan# 3186
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion: 95 Resp: 264206
 Ion Ratio Lower Upper
 95 100
 174 63.0 51.8 77.6
 175 5.0 3.9 5.9





#69

p-Isopropyltoluene

Concen: 10.091 ppbv

RT: 11.947 min Scan# 3664

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_1

ClientSampleId :

VL0227ABS01

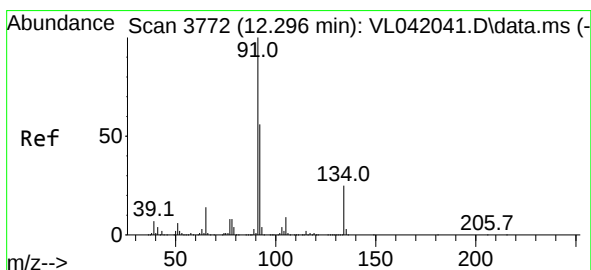
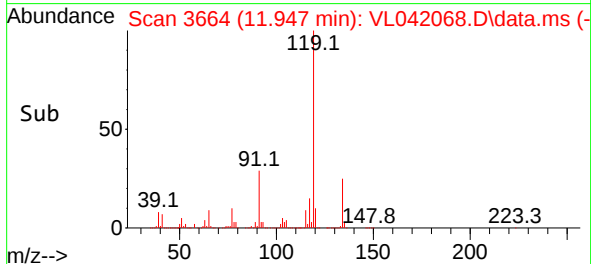
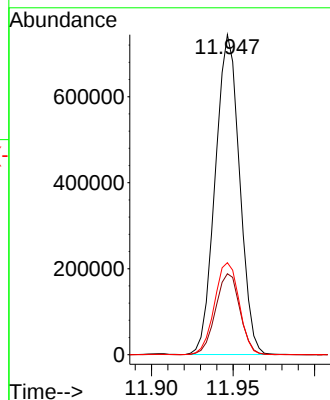
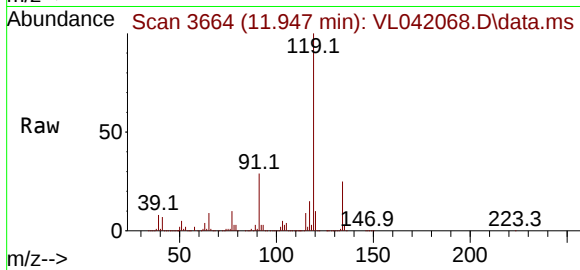
Tgt Ion:119 Resp: 770654

Ion Ratio Lower Upper

119 100

134 25.5 20.9 31.3

91 29.4 23.1 34.7



#70

n-Butylbenzene

Concen: 10.185 ppbv

RT: 12.303 min Scan# 3774

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

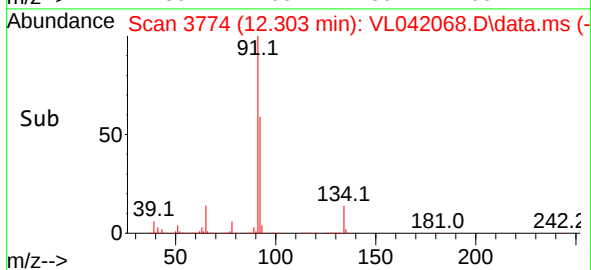
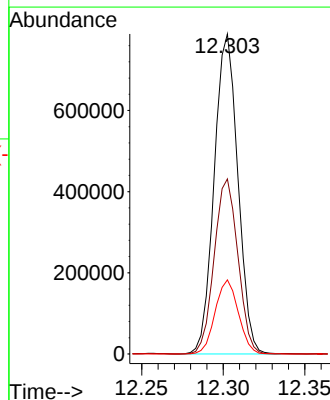
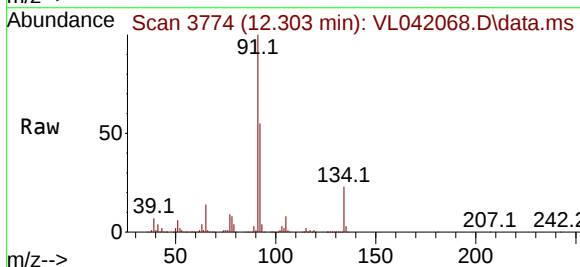
Tgt Ion: 91 Resp: 794021

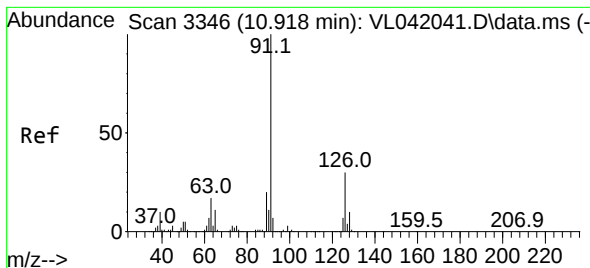
Ion Ratio Lower Upper

91 100

92 55.0 44.7 67.1

134 22.8 18.9 28.3





#71

2-Chlorotoluene

Concen: 9.705 ppbv

RT: 10.924 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

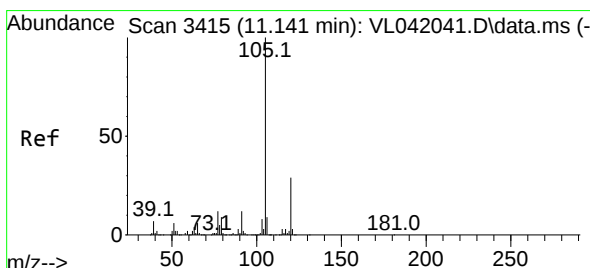
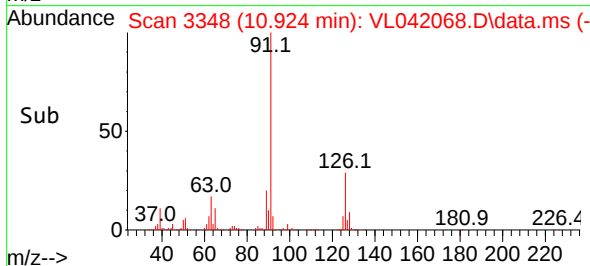
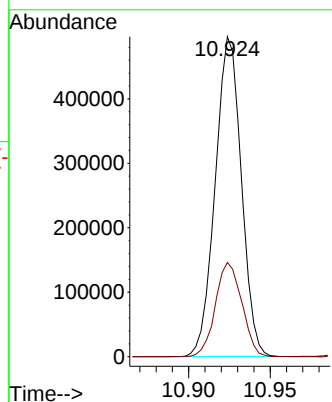
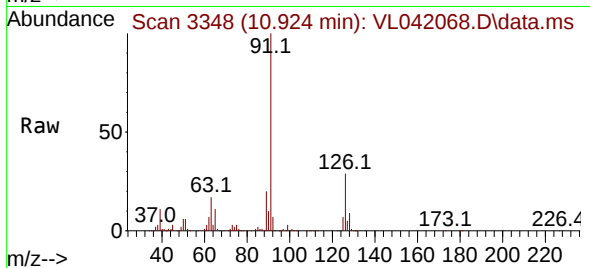
VL0227ABS01

Tgt Ion: 91 Resp: 551772

Ion Ratio Lower Upper

91 100

126 29.8 11.9 47.5



#72

4-Ethyltoluene

Concen: 9.910 ppbv

RT: 11.147 min Scan# 3417

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Tgt Ion: 105 Resp: 595865

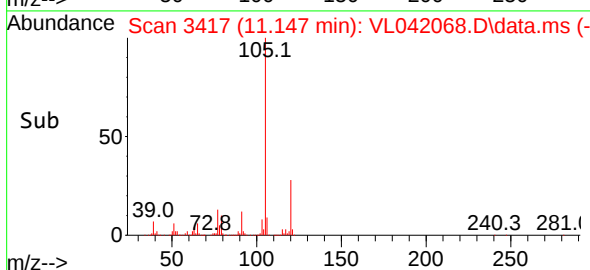
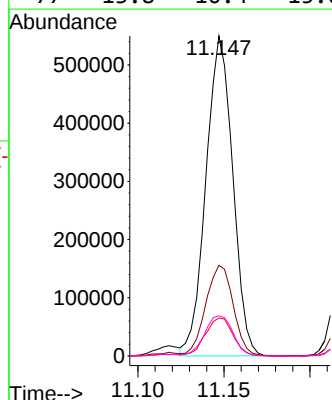
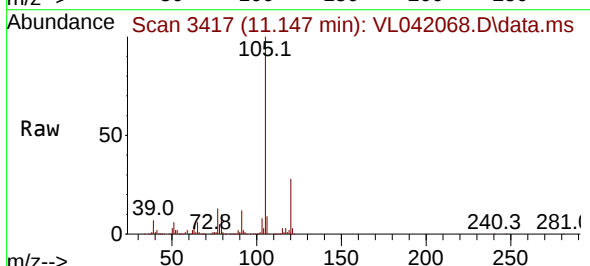
Ion Ratio Lower Upper

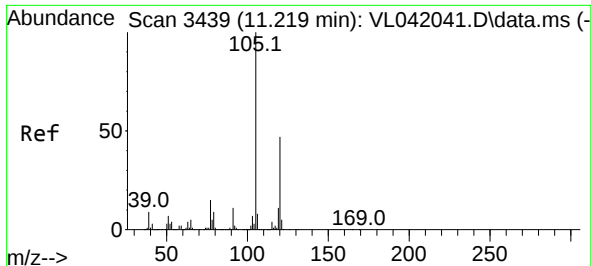
105 100

120 30.0 24.1 36.1

91 12.9 10.2 15.4

77 13.8 10.4 15.6

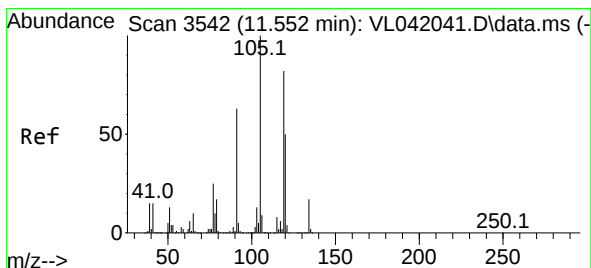
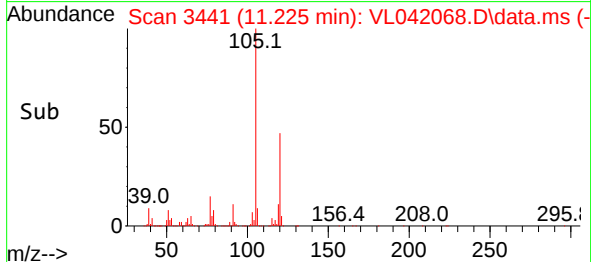
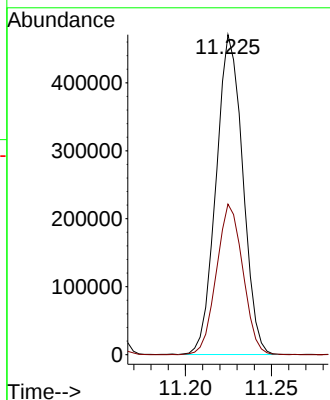
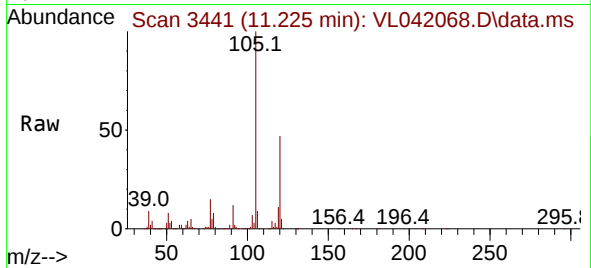




#73
 1,3,5-Trimethylbenzene
 Concen: 9.717 ppbv
 RT: 11.225 min Scan# 3439
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

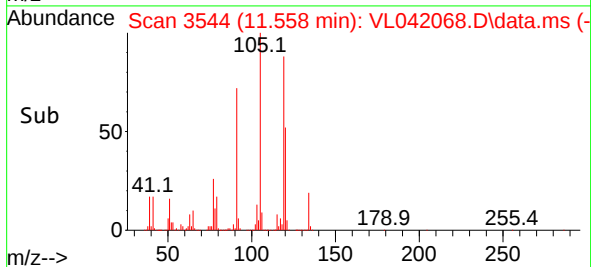
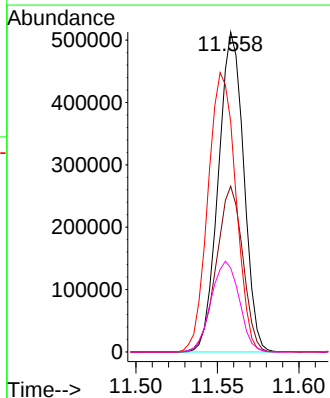
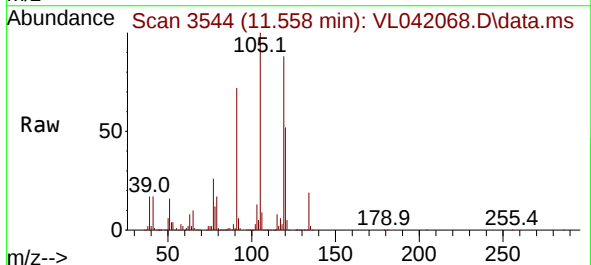
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0227ABS01

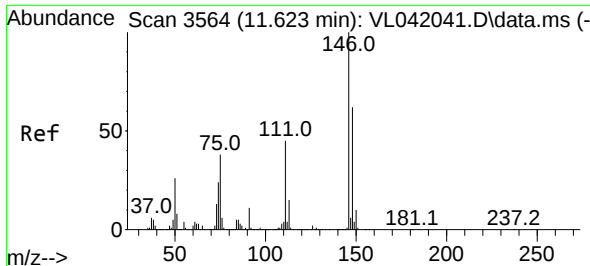
Tgt Ion:105 Resp: 506813
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.4 56.0



#74
 1,2,4-Trimethylbenzene
 Concen: 9.450 ppbv
 RT: 11.558 min Scan# 3544
 Delta R.T. 0.006 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Tgt Ion:105 Resp: 554973
 Ion Ratio Lower Upper
 105 100
 120 51.8 40.2 60.2
 91 71.9 51.4 77.2
 77 26.3 20.1 30.1

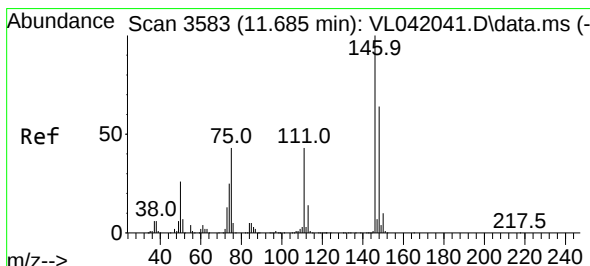
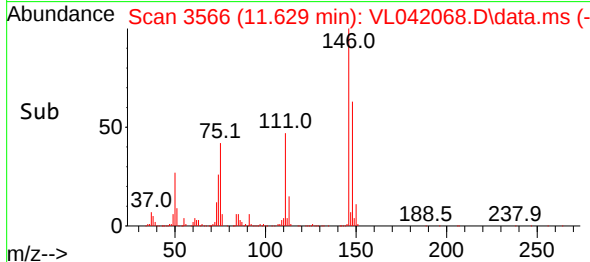
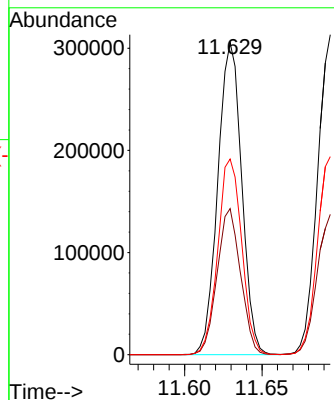
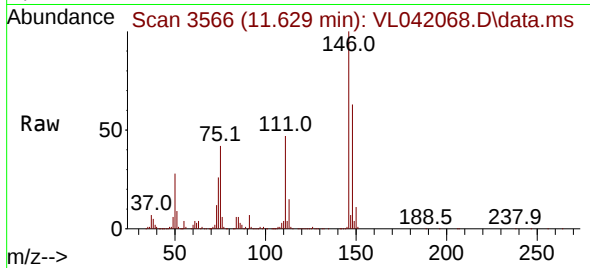




#75
1,3-Dichlorobenzene
Concen: 9.693 ppbv
RT: 11.629 min Scan# 3564
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

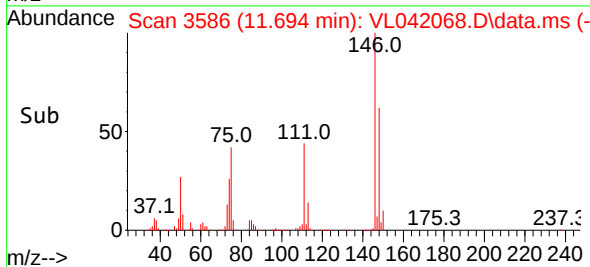
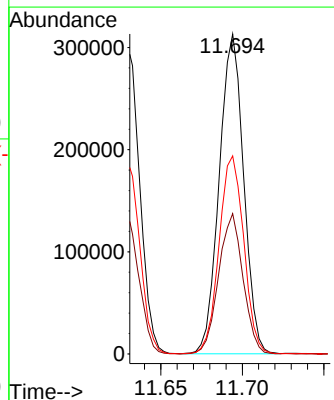
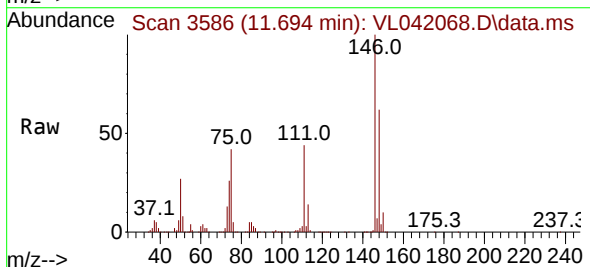
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

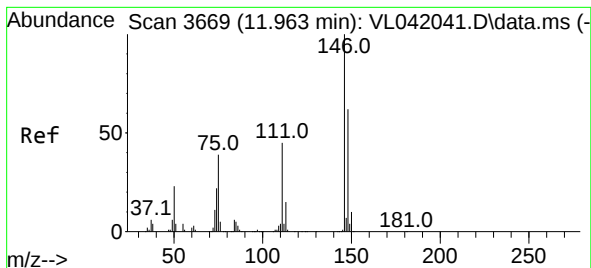
Tgt Ion:146 Resp: 327628
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.2
148 62.7 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 9.694 ppbv
RT: 11.694 min Scan# 3586
Delta R.T. 0.009 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion:146 Resp: 325333
Ion Ratio Lower Upper
146 100
111 44.1 21.5 64.5
148 63.0 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 9.733 ppbv

RT: 11.969 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0227ABS01

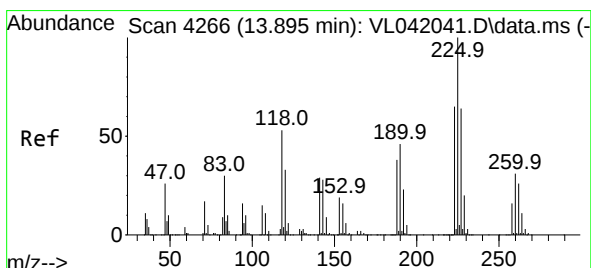
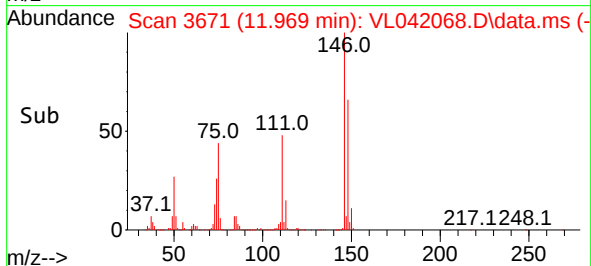
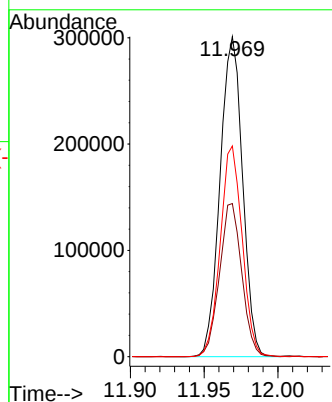
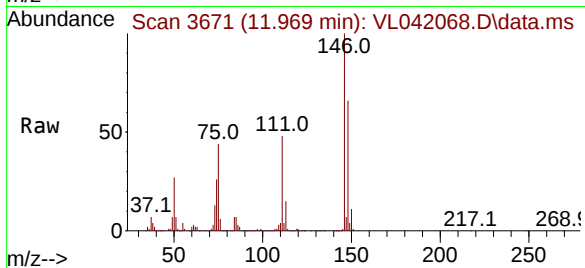
Tgt Ion:146 Resp: 319258

Ion Ratio Lower Upper

146 100

111 47.5 23.2 69.6

148 64.3 31.4 94.2



#78

Hexachloro-1,3-Butadiene

Concen: 9.235 ppbv

RT: 13.901 min Scan# 4268

Delta R.T. 0.006 min

Lab File: VL042068.D

Acq: 27 Feb 2025 11:25

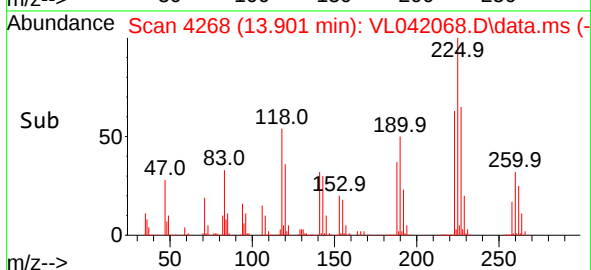
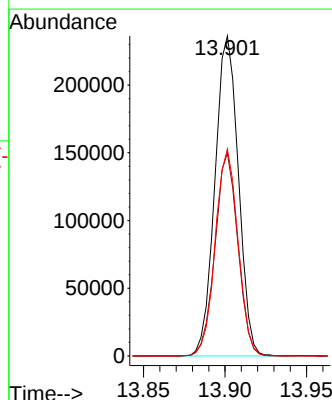
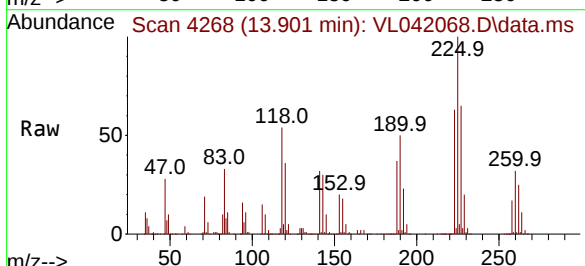
Tgt Ion:225 Resp: 235707

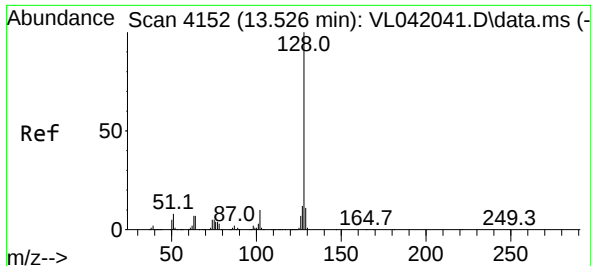
Ion Ratio Lower Upper

225 100

223 61.7 50.2 75.2

227 62.8 50.8 76.2

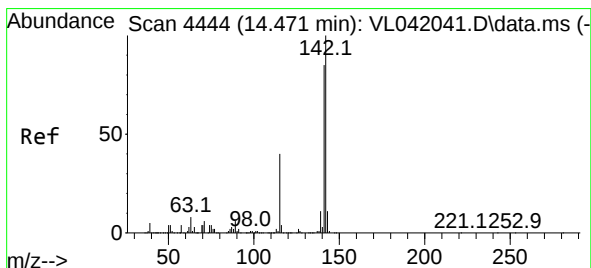
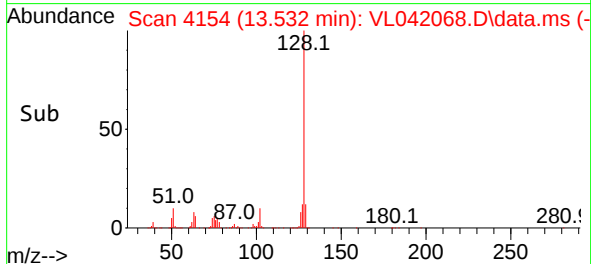
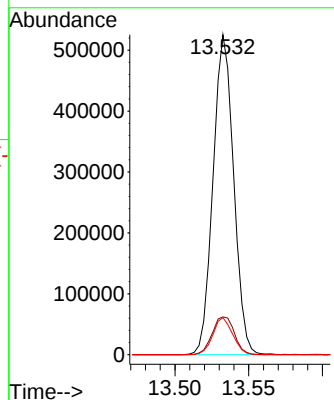
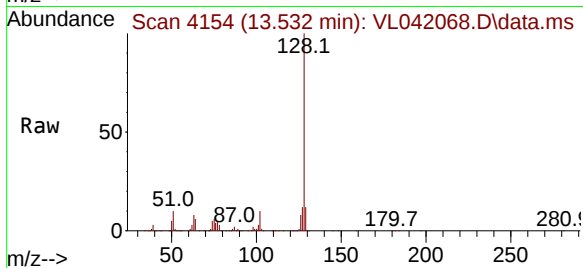




#79
Naphthalene
Concen: 12.671 ppbv
RT: 13.532 min Scan# 4152
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

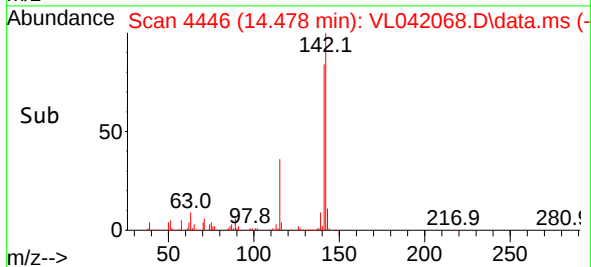
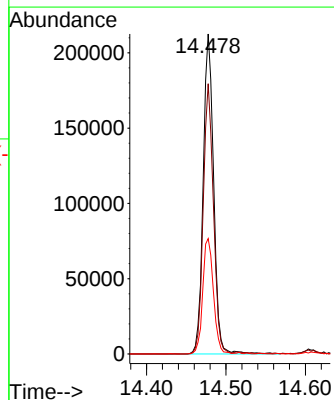
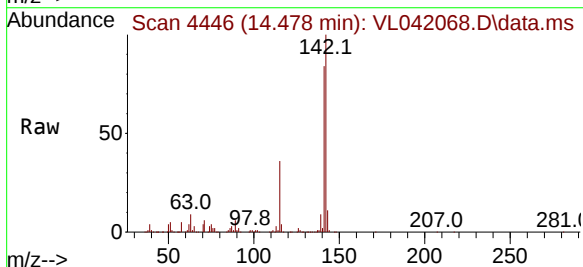
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABS01

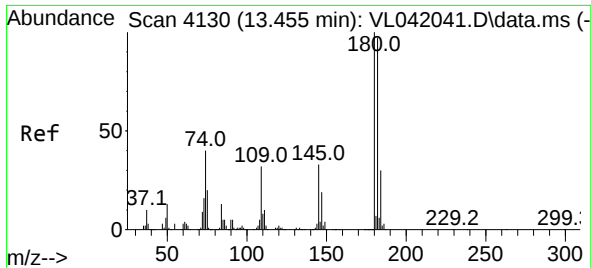
Tgt Ion:128 Resp: 510280
Ion Ratio Lower Upper
128 100
127 11.8 9.8 14.6
129 11.6 8.6 12.8



#80
Naphthalene,2-methyl-
Concen: 17.710 ppbv
RT: 14.478 min Scan# 4446
Delta R.T. 0.006 min
Lab File: VL042068.D
Acq: 27 Feb 2025 11:25

Tgt Ion:142 Resp: 195167
Ion Ratio Lower Upper
142 100
141 83.5 65.8 98.6
115 37.4 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.190 ppbv
 RT: 13.458 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042068.D
 Acq: 27 Feb 2025 11:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABS01

Tgt Ion:180 Resp: 228692
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.1 112.7
 184 30.8 23.8 35.6

