

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042228.D
 Acq On : 07 Apr 2025 09:31
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 08 01:50:24 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	2.800	49	190462	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.978	114	513778	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	464477	10.000	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	380328	9.971	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	273290	9.718	ppbv	100
3) Chlorodifluoromethane	1.479	51	273791	9.530	ppbv	97
4) Chloromethane	1.538	50	110890	9.649	ppbv	96
5) Vinyl Chloride	1.586	62	101851	8.363	ppbv	98
6) Bromomethane	1.674	94	47719	9.162	ppbv	99
7) Chloroethane	1.709	64	41389	8.972	ppbv	95
8) Dichlorotetrafluoroethane	1.560	85	230557	9.627	ppbv	94
9) Propene	1.489	41	103393	7.852	ppbv	99
10) Heptane	5.001	43	158430	4.523	ppbv #	28
11) Trichlorofluoromethane	1.884	101	261667	9.563	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.149	101	209865	9.331	ppbv	98
13) Ethanol	1.729	45	6198	4.979	ppbv	84
14) Bromoethene	1.787	108	72937	8.465	ppbv	98
15) Acetone	1.842	43	229629	8.621	ppbv	94
16) 1,3-Butadiene	1.615	39	109521	8.419	ppbv	100
17) tert-Butyl alcohol	2.049	59	281754	8.492	ppbv	100
18) 1,1-Dichloroethene	2.043	96	94213	8.960	ppbv	97
19) Isopropyl Alcohol	1.894	45	132147	8.793	ppbv	98
20) Methylene Chloride	2.069	84	80384	8.103	ppbv	91
21) Allyl Chloride	2.104	41	167907	8.938	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	105790	8.705	ppbv	94
23) Vinyl Acetate	2.473	43	97959	8.497	ppbv	98
24) 1,1-Dichloroethane	2.418	63	210138	9.328	ppbv	98
25) Ethyl Acetate	2.849	43	632090	9.143	ppbv	100
26) Hexane	2.839	57	241568	9.046	ppbv	98
27) Carbon Disulfide	2.159	76	262150	9.155	ppbv	96
28) Methyl tert-Butyl Ether	2.450	73	145310	8.740	ppbv	94
29) Chloroform	2.862	83	397772	10.178	ppbv	98
30) Cyclohexane	3.875	84	204416	8.816	ppbv	96
31) cis-1,2-Dichloroethene	2.732	61	246306	9.085	ppbv	98
32) 1,1,1-Trichloroethane	3.383	97	409916	9.162	ppbv	99
34) 2-Butanone	2.570	43	358832	9.632	ppbv	99
35) Carbon Tetrachloride	3.781	117	425964	10.613	ppbv	99
36) Benzene	3.674	78	490813	9.636	ppbv	99
37) 1,2-Dichloroethane	3.234	62	314121	10.772	ppbv	98
38) Trichloroethene	4.574	130	202154	9.512	ppbv	97
39) 1,2-Dichloropropane	4.337	63	175704	9.472	ppbv	92
40) 1,4-Dioxane	4.606	88	86664	8.803	ppbv #	92
41) Tetrahydrofuran	3.069	42	199313	9.290	ppbv	98
42) Bromodichloromethane	4.512	83	430997	10.721	ppbv	99
43) Methyl Methacrylate	4.907	69	185545	8.605	ppbv	98
44) 2,2,4-Trimethylpentane	4.664	57	824962	9.584	ppbv	97
45) t-1,3-Dichloropropene	6.444	75	201676	8.718	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

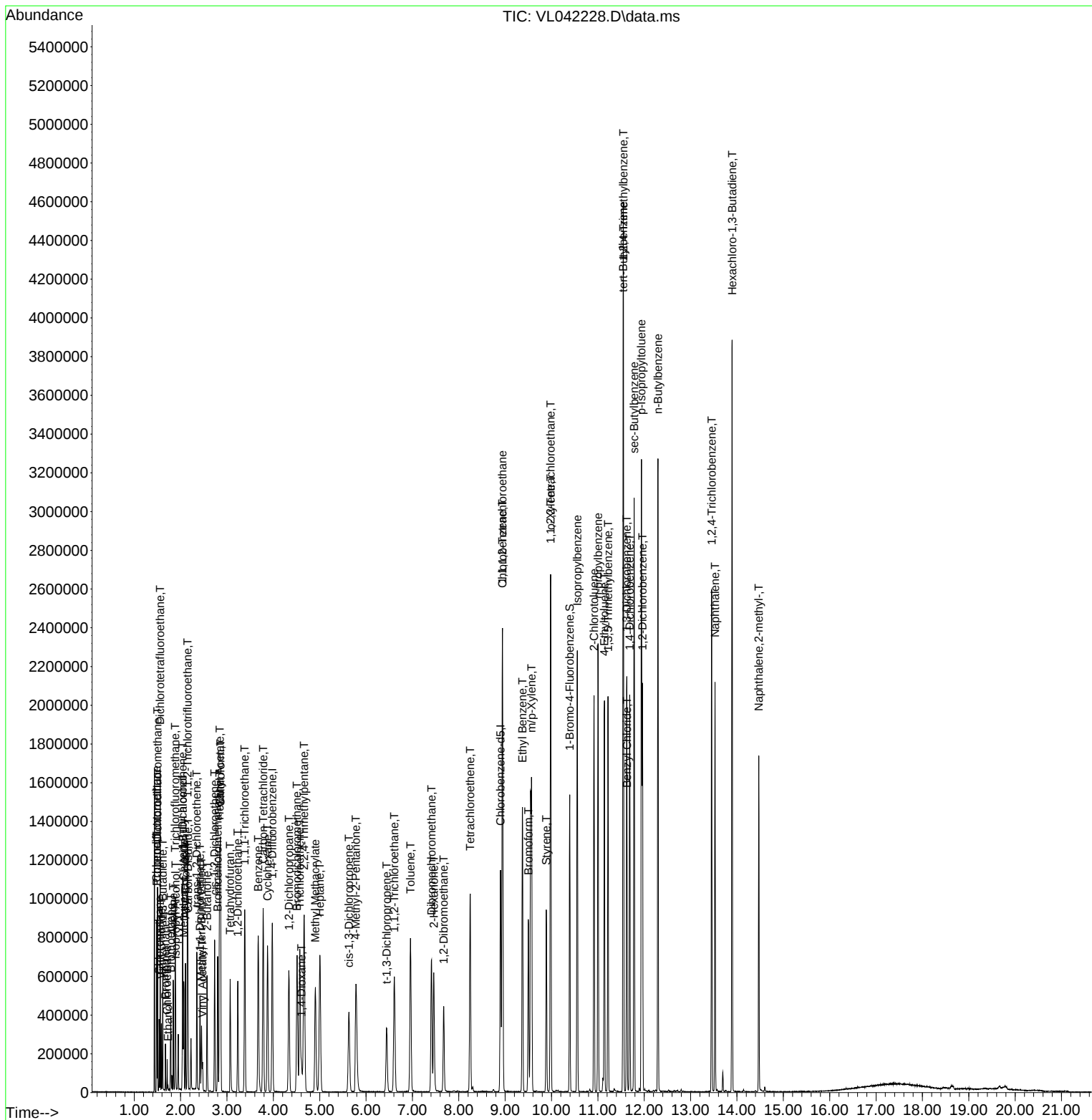
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 ClientSampleId :
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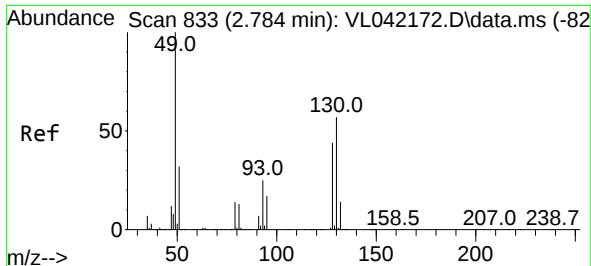
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	252032	8.888	ppbv	96
47) 1,1,2-Trichloroethane	6.610	97	200780	10.239	ppbv	95
48) Dibromochloromethane	7.412	129	346881	10.438	ppbv	100
49) Bromoform	9.500	173	296338	9.932	ppbv	100
50) 4-Methyl-2-Pentanone	5.781	43	511581	8.665	ppbv	96
51) 2-Hexanone	7.461	43	412183	8.501	ppbv #	94
52) Tetrachloroethene	8.244	164	168107	8.322	ppbv	96
53) Toluene	6.959	91	560665	9.286	ppbv	99
54) 1,2-Dibromoethane	7.678	107	277561	10.154	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.943	131	274135	10.722	ppbv	99
57) Chlorobenzene	8.940	112	456787	10.368	ppbv	97
58) Ethyl Benzene	9.374	91	815771	9.888	ppbv	99
59) m/p-Xylene	9.568	91	677509	10.284	ppbv #	30
60) o-Xylene	9.982	91	679193	10.284	ppbv	98
61) Styrene	9.888	104	314809	9.635	ppbv	100
62) Isopropylbenzene	10.555	105	1013803	10.265	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	427404	10.651	ppbv	100
64) n-propylbenzene	11.005	120	265137	10.429	ppbv	99
65) tert-Butylbenzene	11.545	119	928989	10.171	ppbv	99
66) Benzyl Chloride	11.630	91	72224	7.452	ppbv	99
67) sec-Butylbenzene	11.782	105	1298645	10.229	ppbv	100
69) p-Isopropyltoluene	11.940	119	1128593	10.324	ppbv	99
70) n-Butylbenzene	12.296	91	1165845	10.428	ppbv	100
71) 2-Chlorotoluene	10.918	91	787527	10.274	ppbv	100
72) 4-Ethyltoluene	11.141	105	857021	10.422	ppbv	99
73) 1,3,5-Trimethylbenzene	11.219	105	735306	10.239	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	821957	9.935	ppbv	93
75) 1,3-Dichlorobenzene	11.623	146	485669	10.703	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	488661	10.821	ppbv	98
77) 1,2-Dichlorobenzene	11.963	146	480373	10.873	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	388827	8.646	ppbv	100
79) Naphthalene	13.526	128	956597	10.570	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	462373	10.419	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	412677	9.886	ppbv	98

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

Quant Time: Apr 08 01:50:24 2025
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

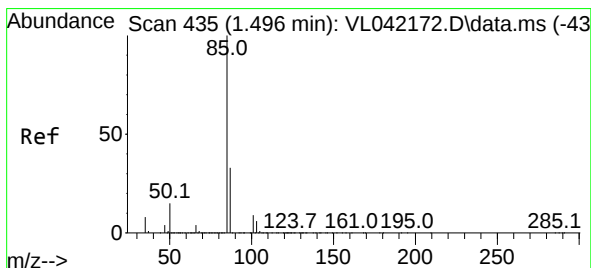
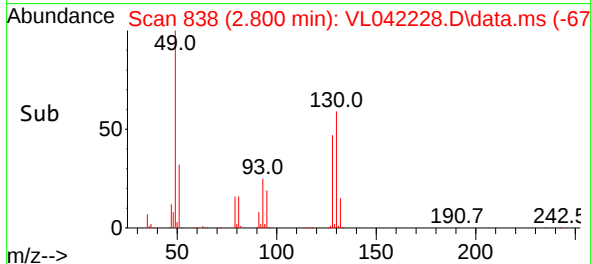
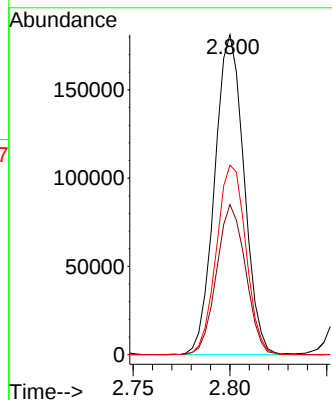
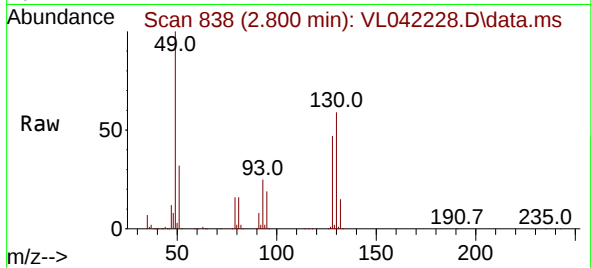




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 833
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

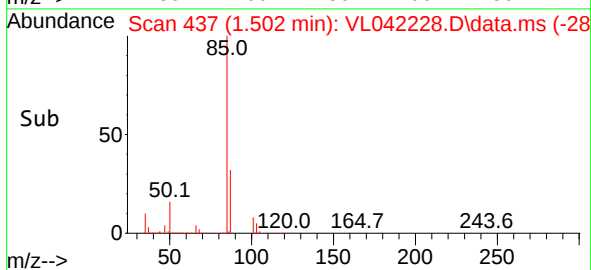
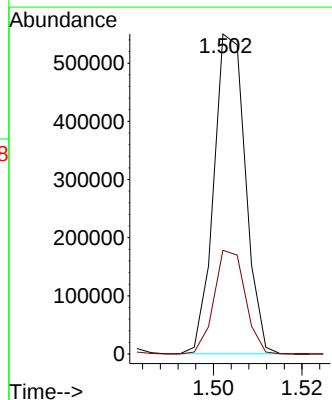
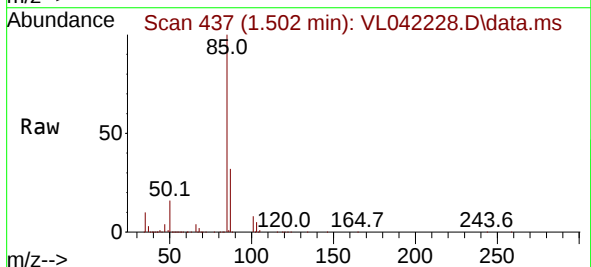
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 49 Resp: 190462
 Ion Ratio Lower Upper
 49 100
 128 46.4 22.9 68.5
 130 59.8 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 9.718 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.006 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 85 Resp: 273290
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1

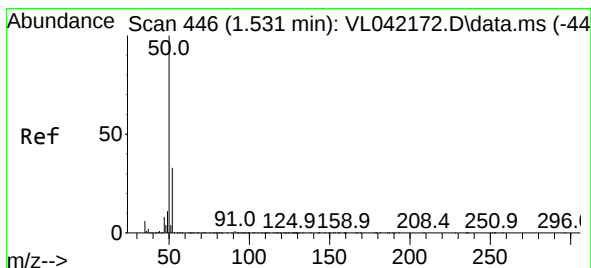
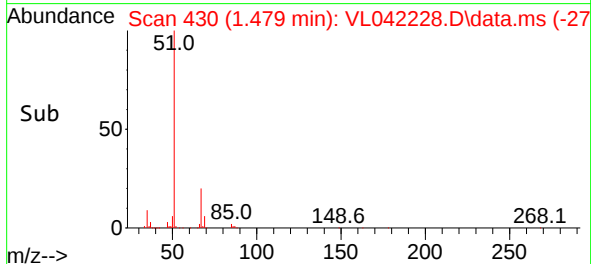
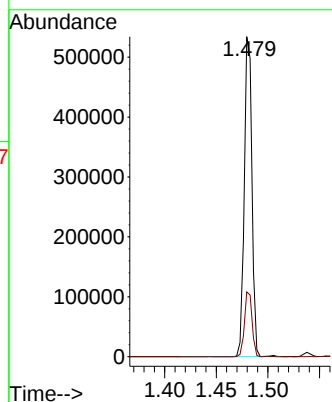
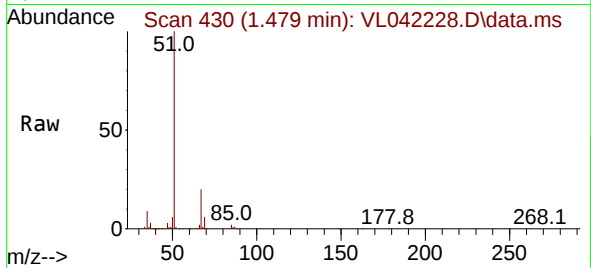




#3
Chlorodifluoromethane
Concen: 9.530 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

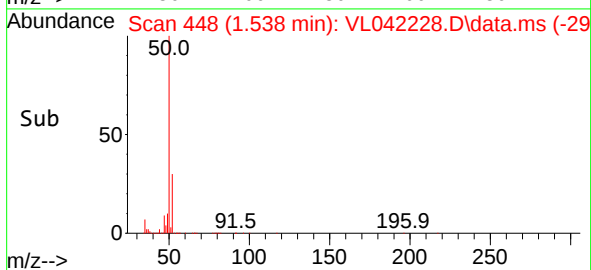
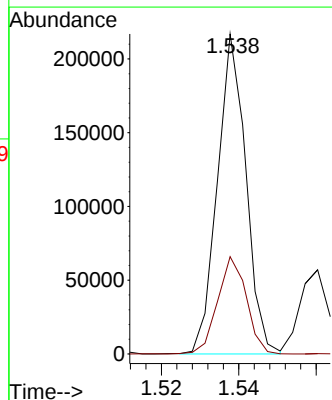
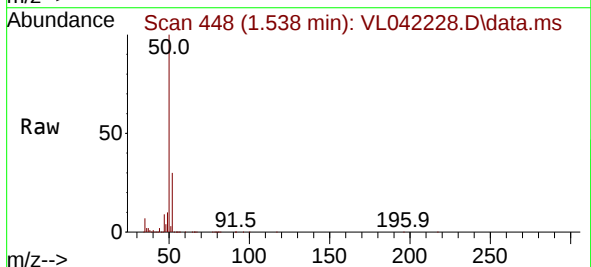
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ClientSampleId :
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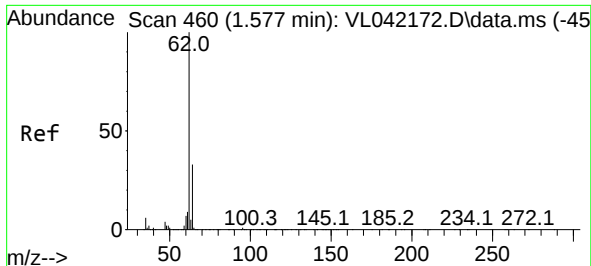
Tgt Ion: 51 Resp: 273791
Ion Ratio Lower Upper
51 100
67 20.2 15.0 22.6



#4
Chloromethane
Concen: 9.649 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 50 Resp: 110890
Ion Ratio Lower Upper
50 100
52 30.4 26.1 39.1

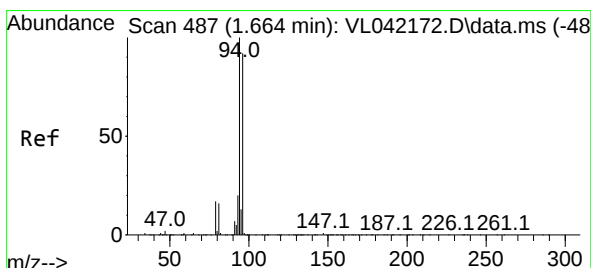
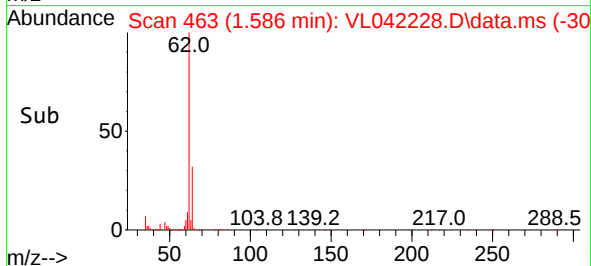
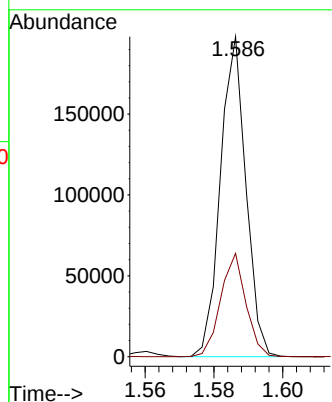
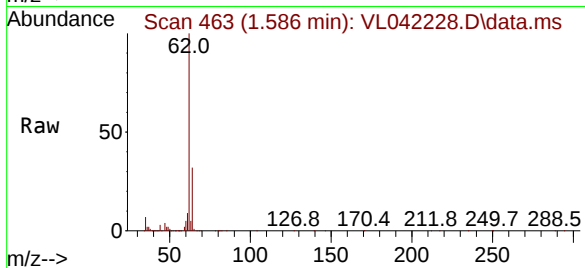




#5
 Vinyl Chloride
 Concen: 8.363 ppbv
 RT: 1.586 min Scan# 410
 Delta R.T. 0.010 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

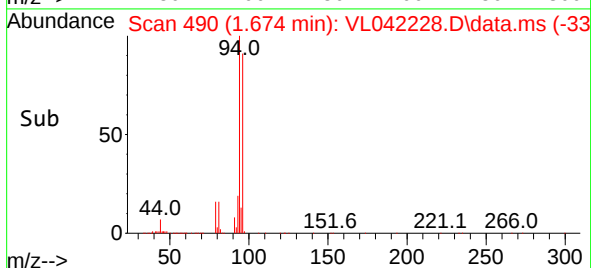
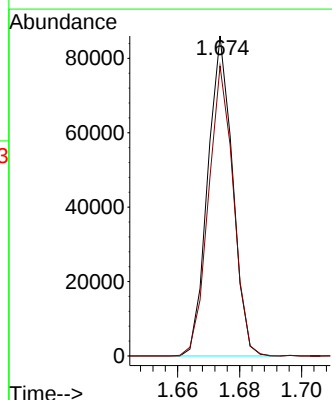
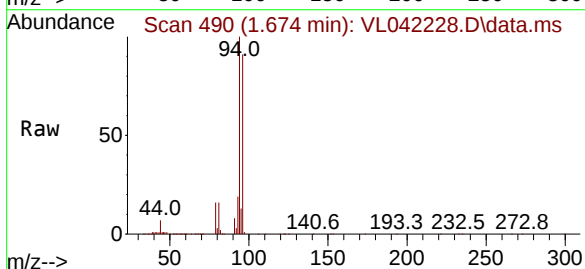
Instrument :
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 ClientSampleId :
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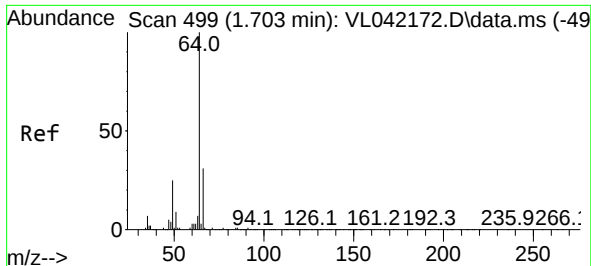
Tgt Ion: 62 Resp: 101851
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.6 40.0



#6
 Bromomethane
 Concen: 9.162 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.010 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 94 Resp: 47719
 Ion Ratio Lower Upper
 94 100
 96 90.6 73.1 109.7

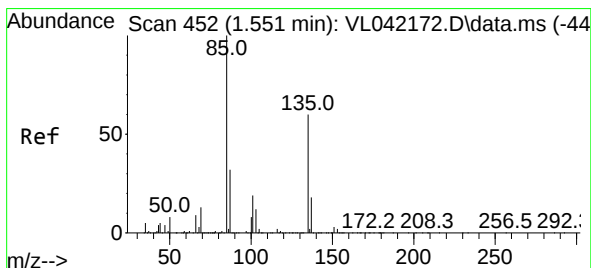
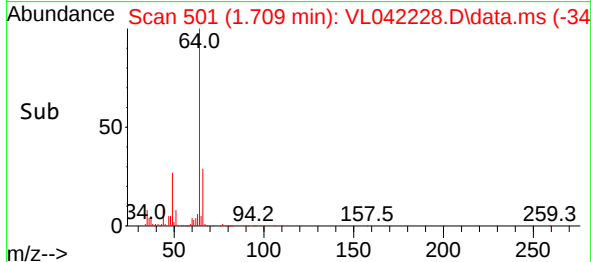
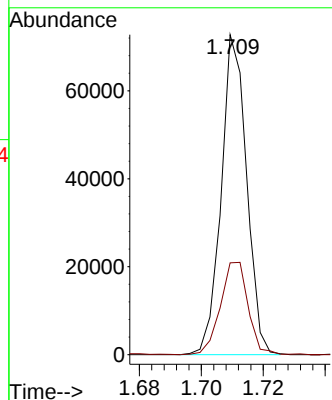
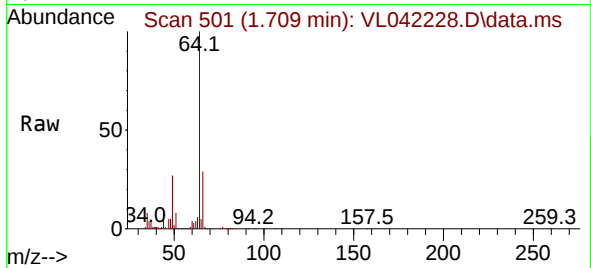




#7
Chloroethane
Concen: 8.972 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

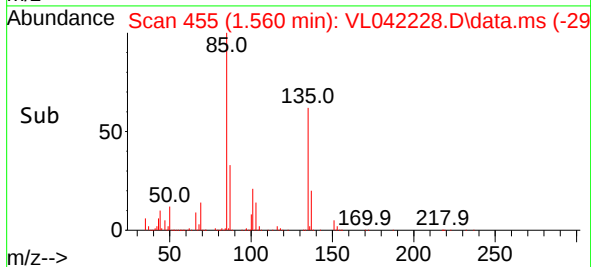
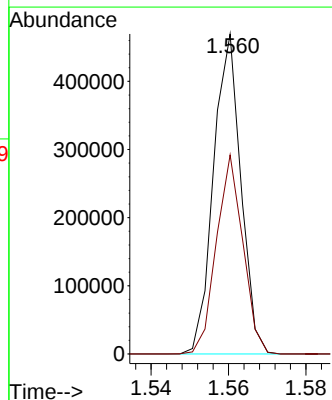
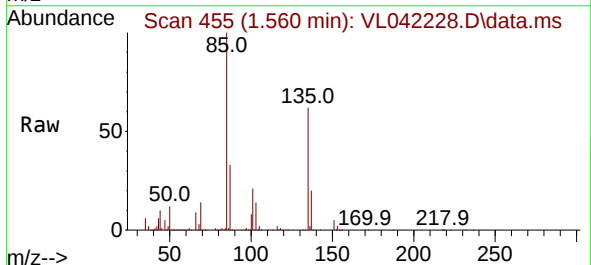
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ClientSampleId :
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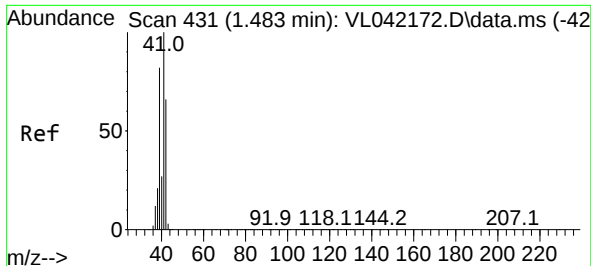
Tgt Ion: 64 Resp: 41389
Ion Ratio Lower Upper
64 100
66 28.7 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 9.627 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 85 Resp: 230557
Ion Ratio Lower Upper
85 100
135 60.4 52.4 78.6

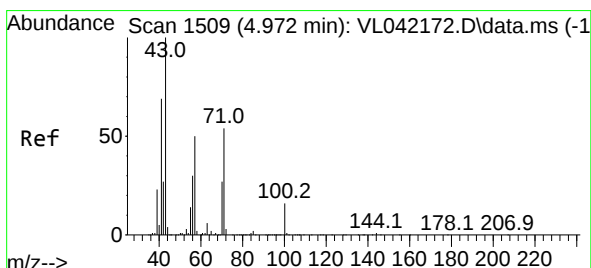
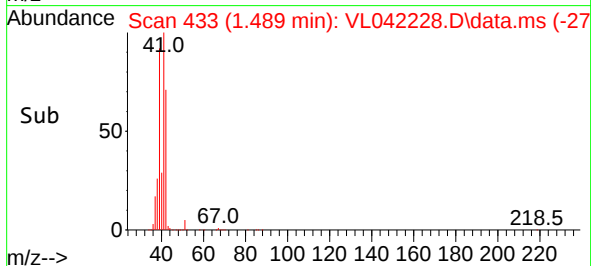
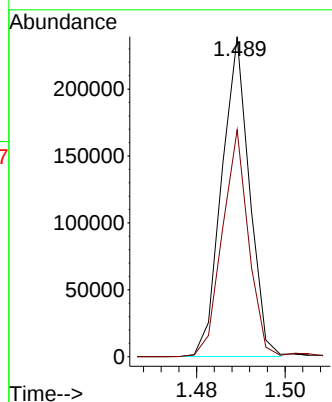
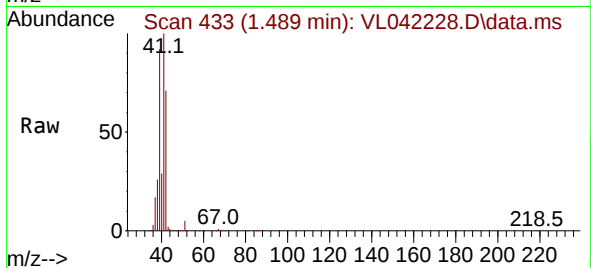




#9
Propene
Concen: 7.852 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

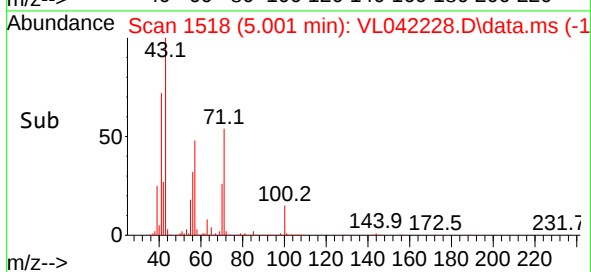
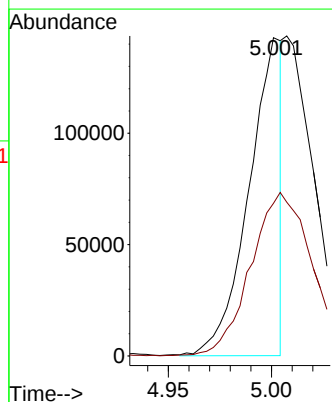
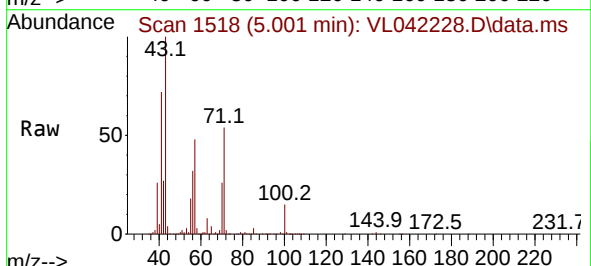
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 103393
Ion Ratio Lower Upper
41 100
42 68.7 55.4 83.2



#10
Heptane
Concen: 4.523 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 43 Resp: 158430
Ion Ratio Lower Upper
43 100
57 0.0 39.4 59.2#

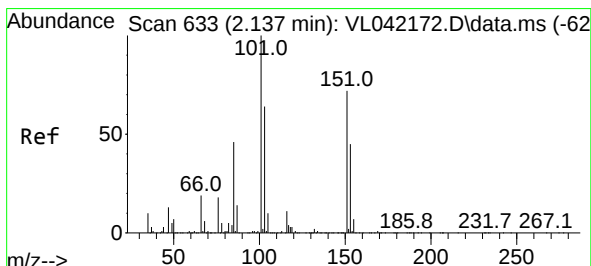
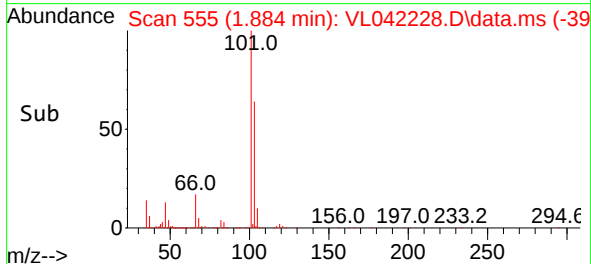
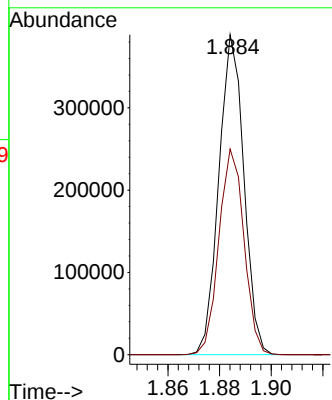
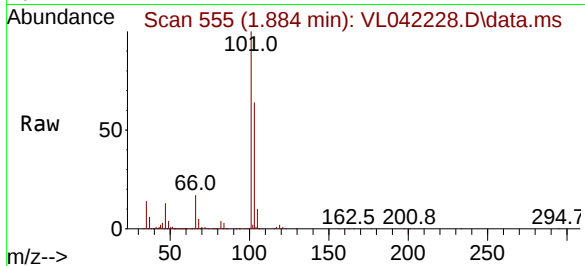




#11
 Trichlorofluoromethane
 Concen: 9.563 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.010 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

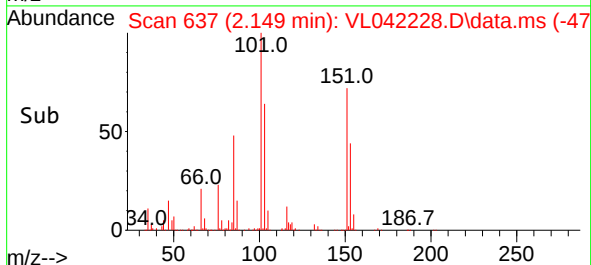
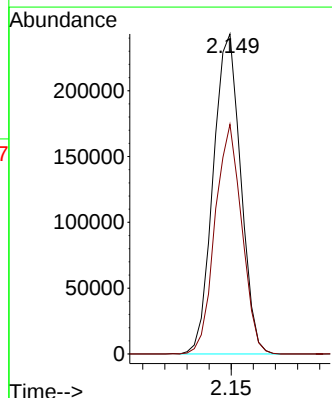
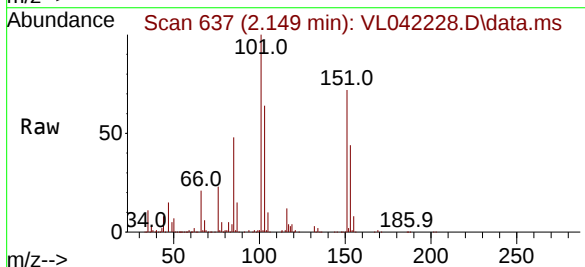
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

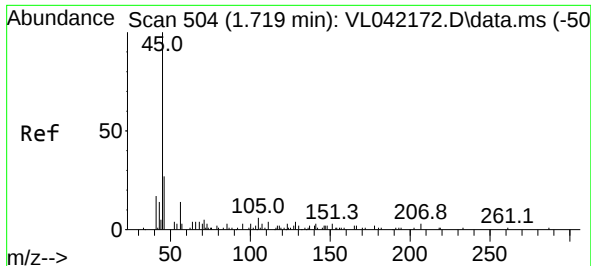
Tgt Ion:101 Resp: 261667
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.331 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion:101 Resp: 209865
 Ion Ratio Lower Upper
 101 100
 151 69.9 57.1 85.7





#13

Ethanol

Concen: 4.979 ppbv

RT: 1.729 min Scan# 504

Delta R.T. 0.010 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

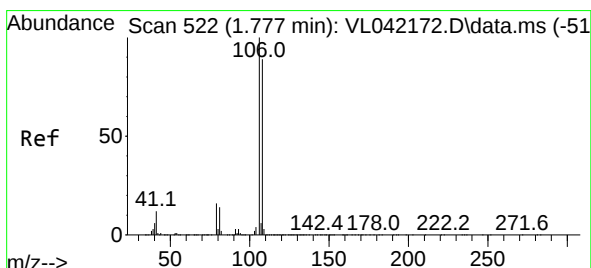
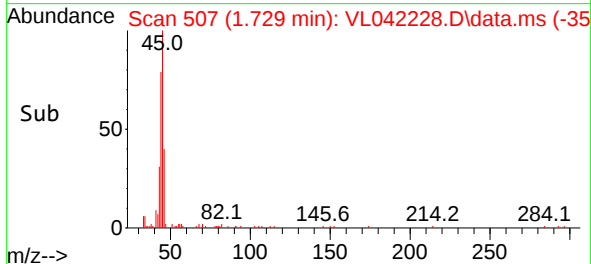
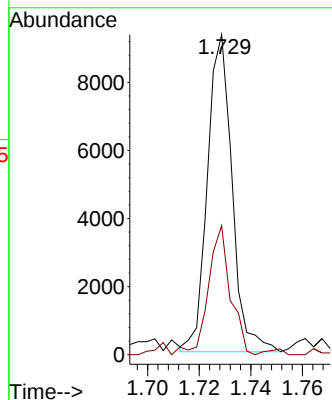
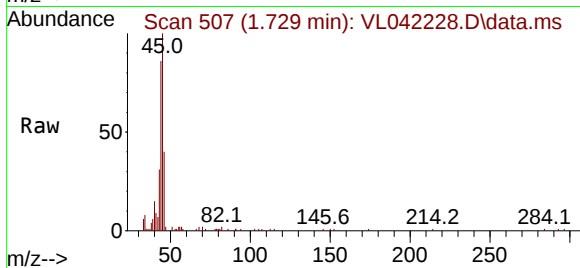
VSTDCCC010

Tgt Ion: 45 Resp: 6198

Ion Ratio Lower Upper

45 100

46 39.4 20.2 80.8



#14

Bromoethene

Concen: 8.465 ppbv

RT: 1.787 min Scan# 525

Delta R.T. 0.010 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

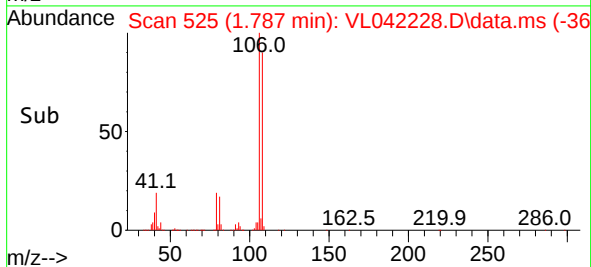
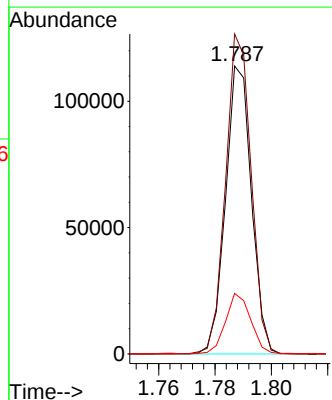
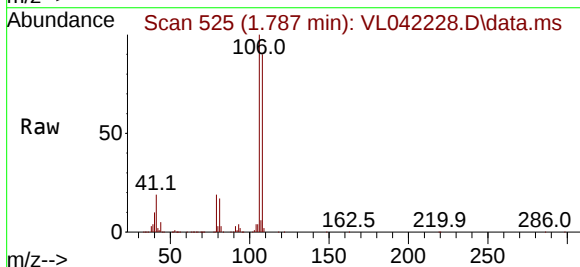
Tgt Ion: 108 Resp: 72937

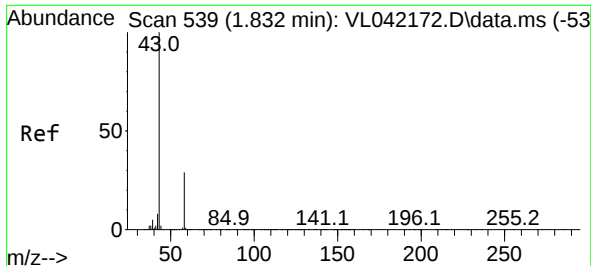
Ion Ratio Lower Upper

108 100

106 109.6 86.8 130.2

79 20.9 15.0 22.6

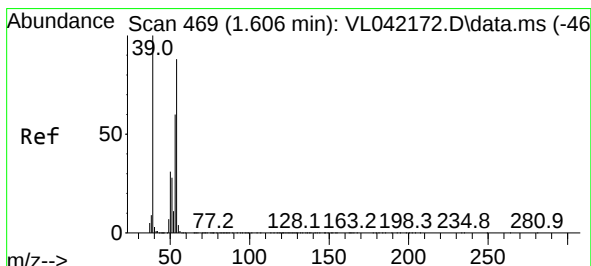
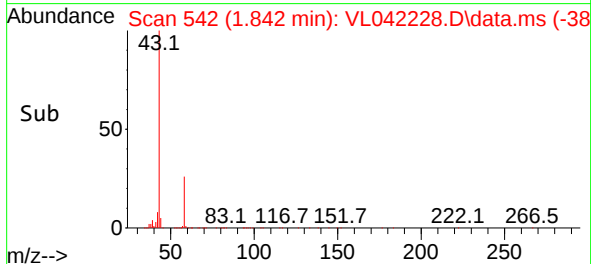
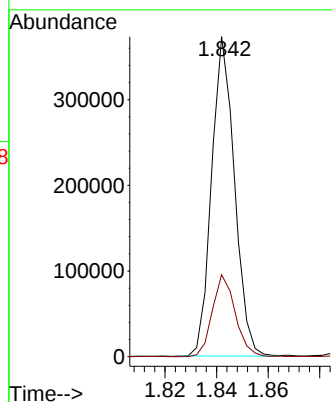
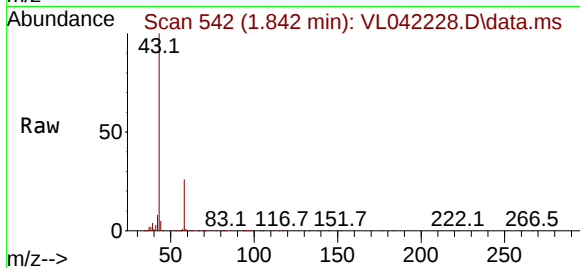




#15
Acetone
Concen: 8.621 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

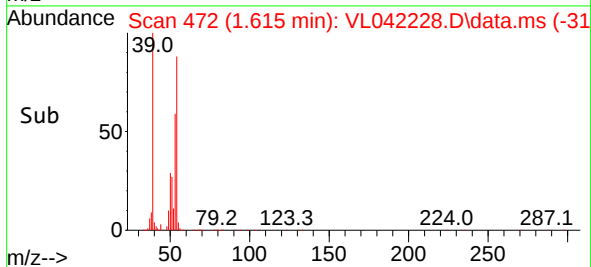
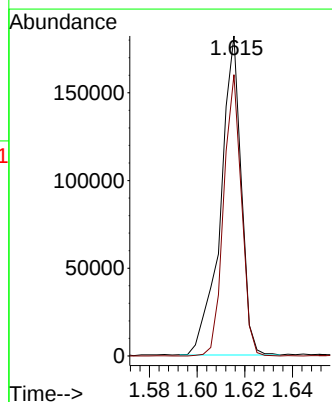
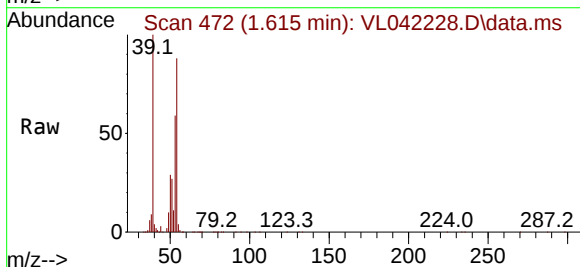
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

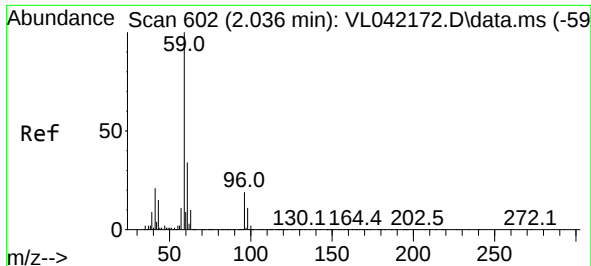
Tgt Ion: 43 Resp: 229629
Ion Ratio Lower Upper
43 100
58 25.9 23.2 34.8



#16
1,3-Butadiene
Concen: 8.419 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.010 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 39 Resp: 109521
Ion Ratio Lower Upper
39 100
54 75.8 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.492 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.013 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

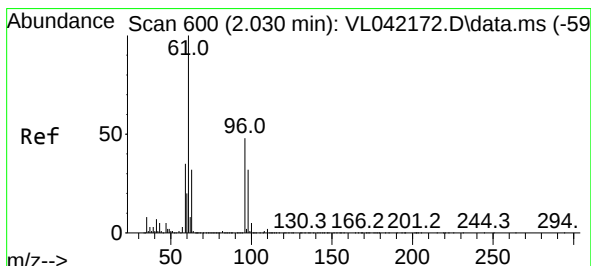
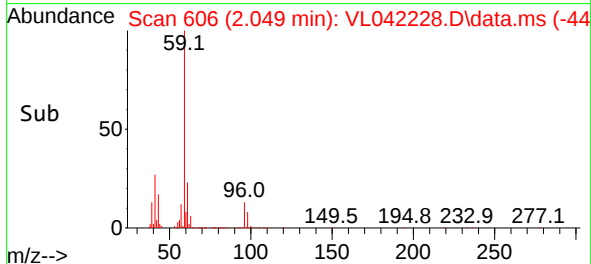
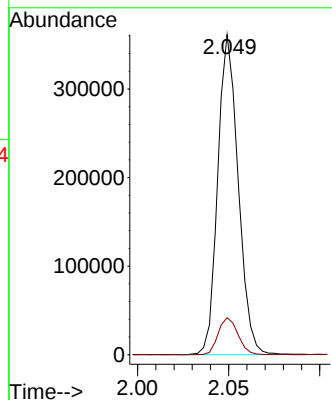
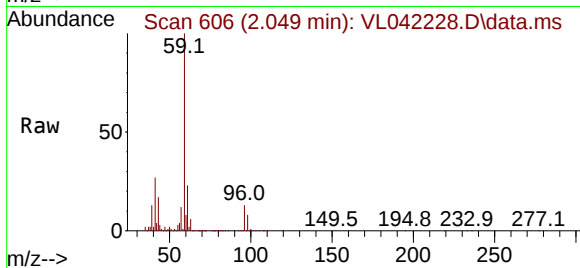
VSTDCCC010

Tgt Ion: 59 Resp: 281754

Ion Ratio Lower Upper

59 100

57 11.3 8.9 13.3



#18

1,1-Dichloroethene

Concen: 8.960 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.013 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

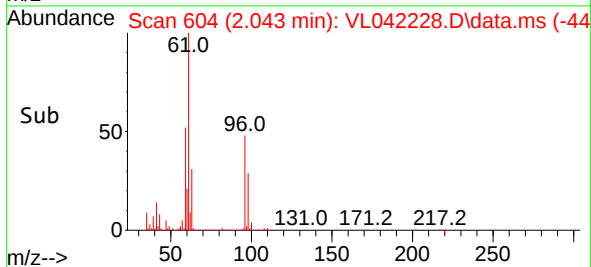
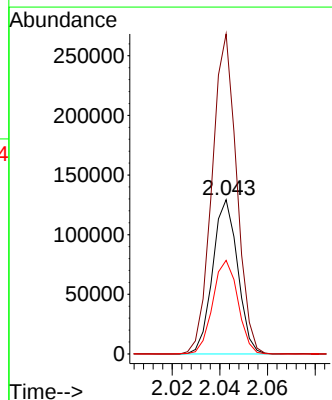
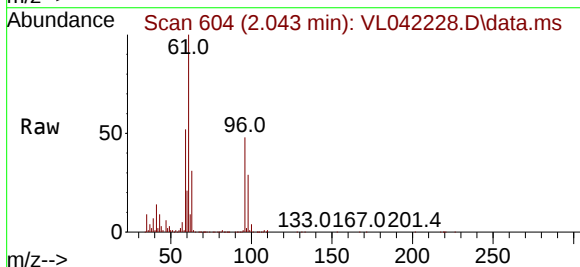
Tgt Ion: 96 Resp: 94213

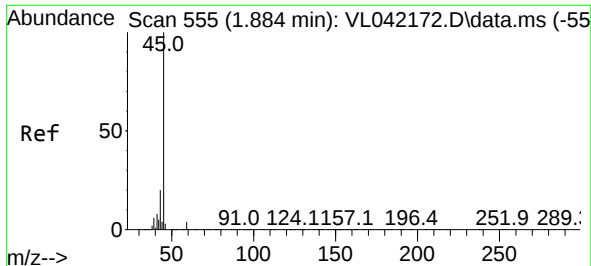
Ion Ratio Lower Upper

96 100

61 207.3 167.6 251.4

98 60.7 53.5 80.3





#19

Isopropyl Alcohol

Concen: 8.793 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

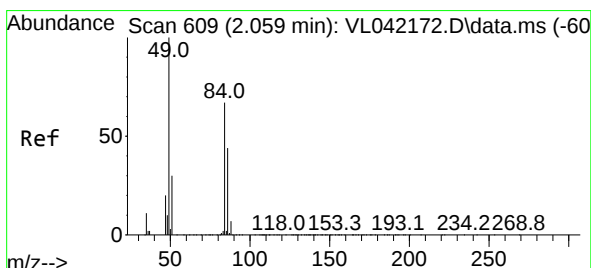
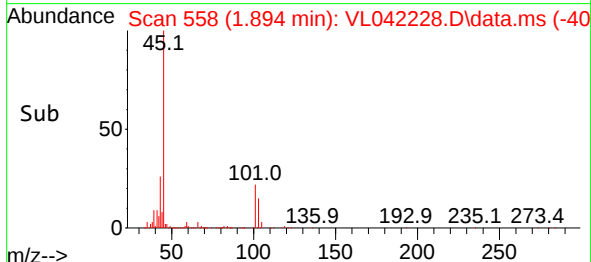
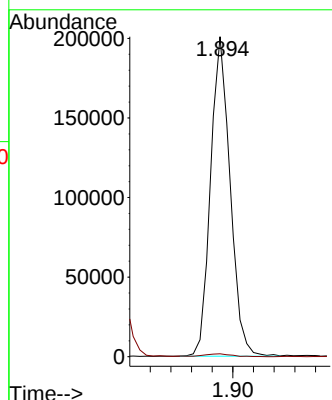
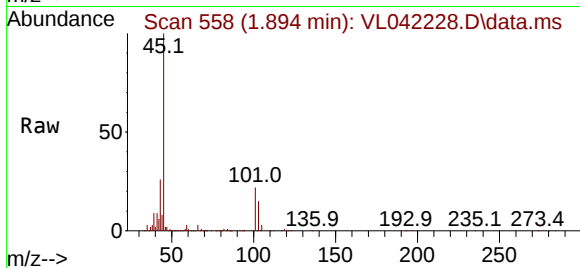
VSTDCCC010

Tgt Ion: 45 Resp: 132147

Ion Ratio Lower Upper

45 100

58 45.1 36.9 55.3



#20

Methylene Chloride

Concen: 8.103 ppbv

RT: 2.069 min Scan# 612

Delta R.T. 0.010 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Tgt Ion: 84 Resp: 80384

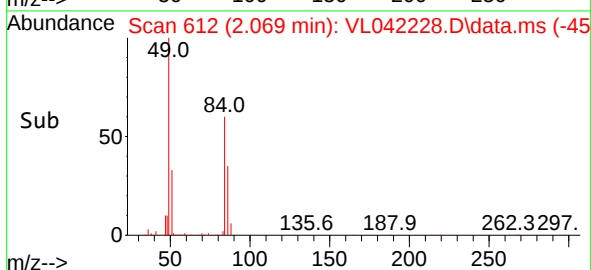
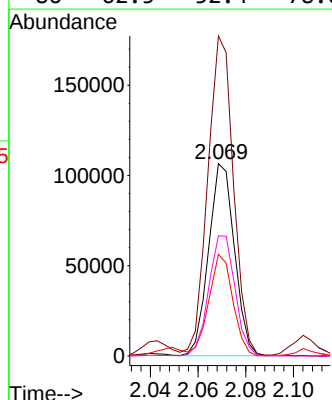
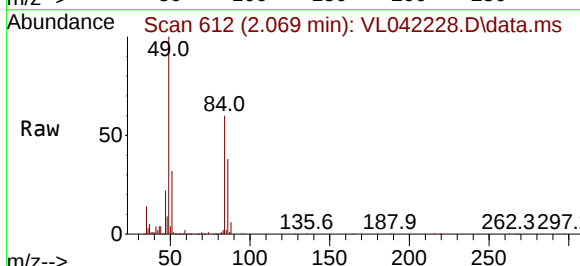
Ion Ratio Lower Upper

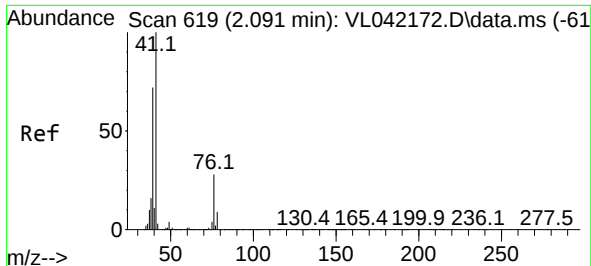
84 100

49 165.1 120.2 180.4

51 52.7 37.4 56.0

86 62.5 52.4 78.6

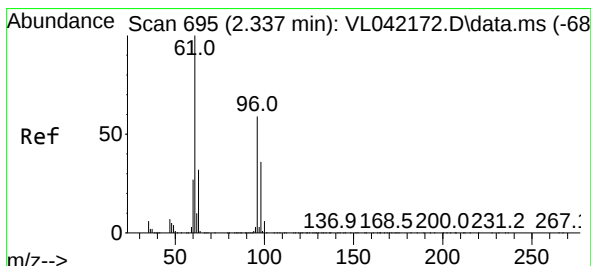
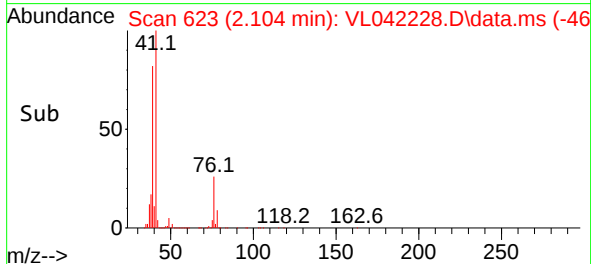
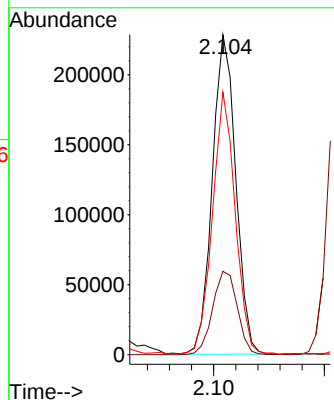
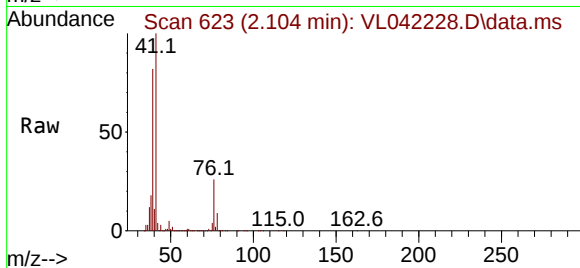




#21
 Allyl Chloride
 Concen: 8.938 ppbv
 RT: 2.104 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

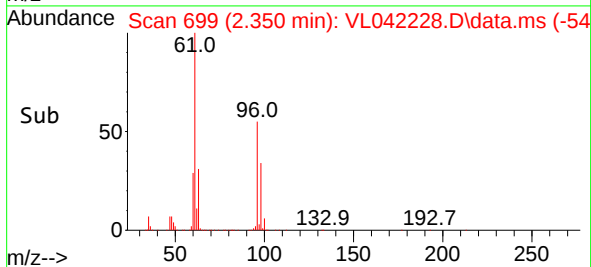
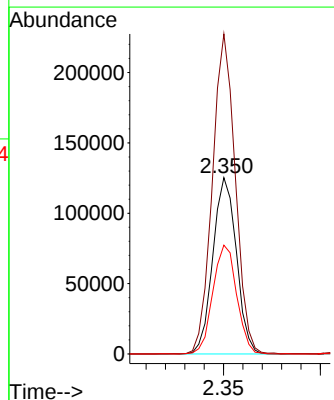
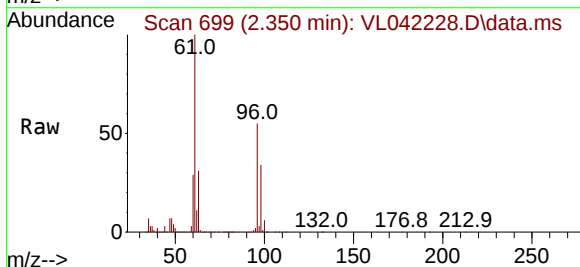
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

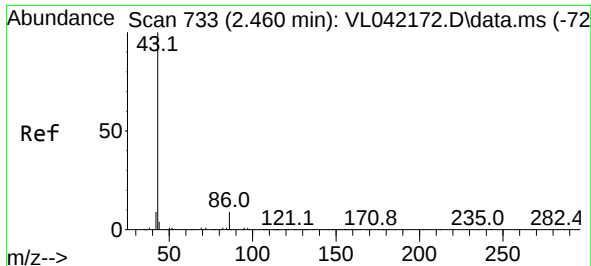
Tgt Ion: 41 Resp: 167907
 Ion Ratio Lower Upper
 41 100
 76 27.5 24.1 36.1
 39 79.2 61.1 91.7



#22
 trans-1,2-Dichloroethene
 Concen: 8.705 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 96 Resp: 105790
 Ion Ratio Lower Upper
 96 100
 61 181.4 136.6 204.8
 98 61.7 49.4 74.2

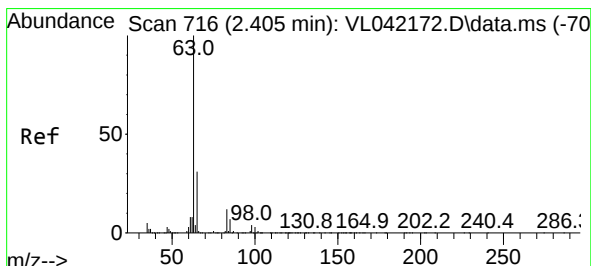
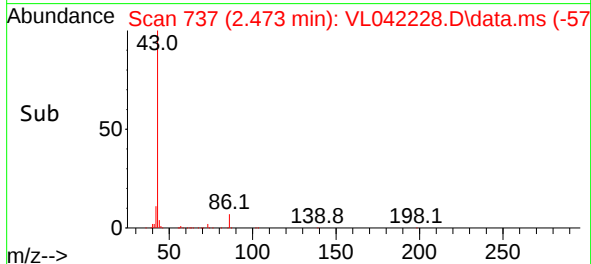
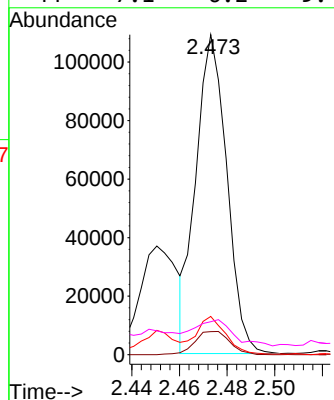
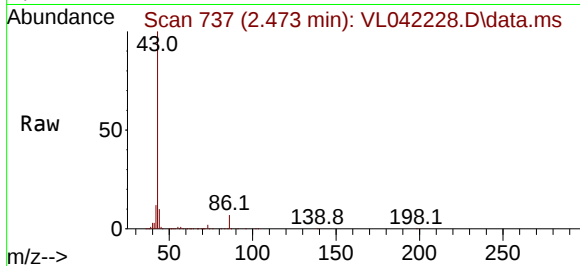




#23
 Vinyl Acetate
 Concen: 8.497 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

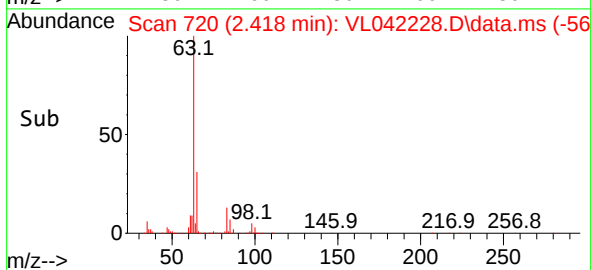
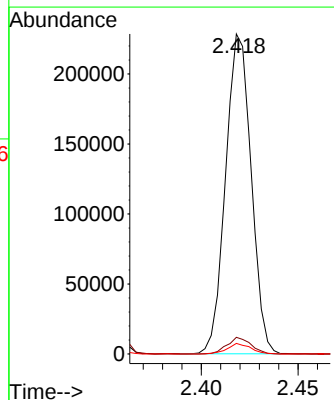
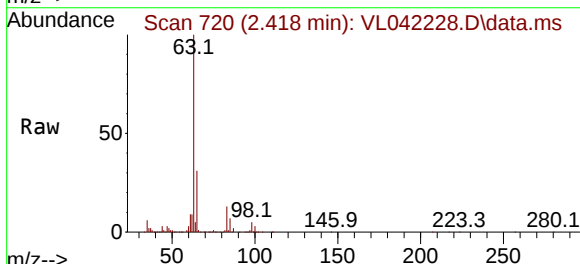
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

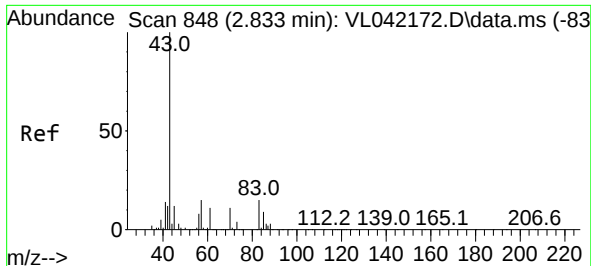
Tgt Ion:	43	Resp:	97959
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.5	8.3
42	11.7	8.6	13.0
44	7.1	6.2	9.4



#24
 1,1-Dichloroethane
 Concen: 9.328 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.013 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion:	63	Resp:	210138
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.3	6.8
100	3.3	1.6	4.7



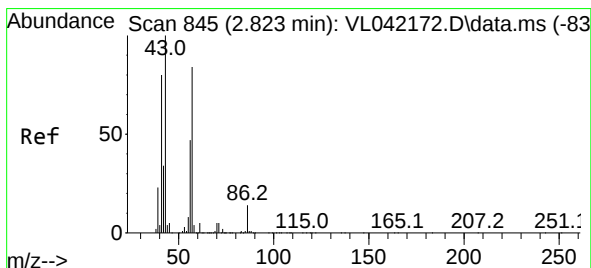
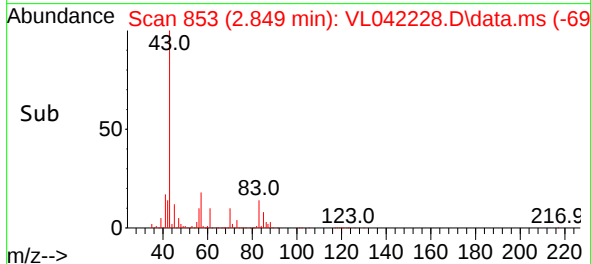
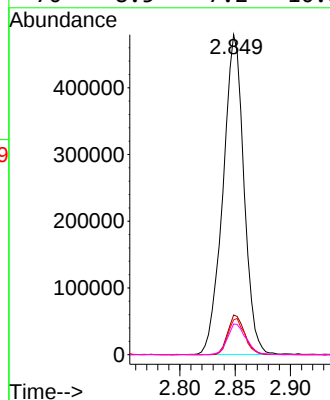
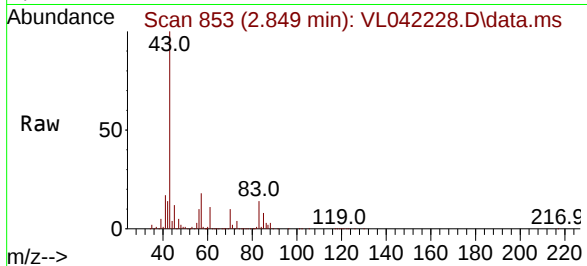


#25
Ethyl Acetate
Concen: 9.143 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 632090

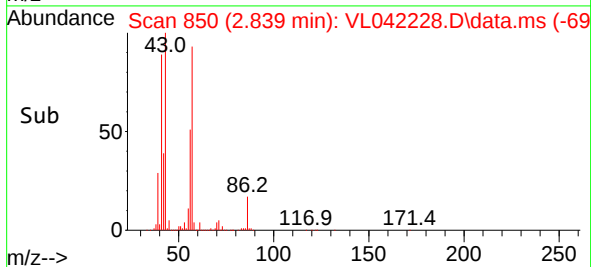
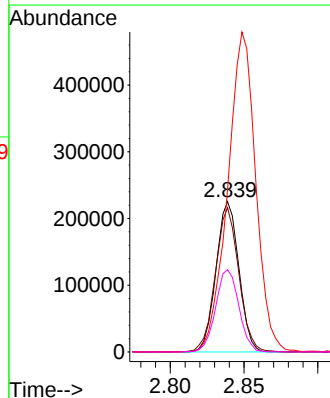
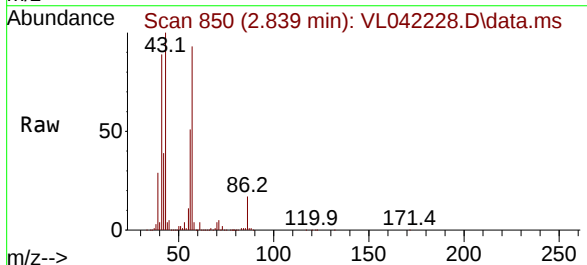
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.1	7.3	10.9
70	8.5	7.2	10.8

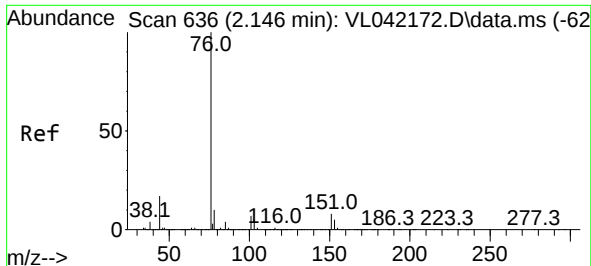


#26
Hexane
Concen: 9.046 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 57 Resp: 241568

Ion	Ratio	Lower	Upper
57	100		
41	98.7	76.6	114.8
43	263.3	207.8	311.8
56	55.9	43.6	65.4

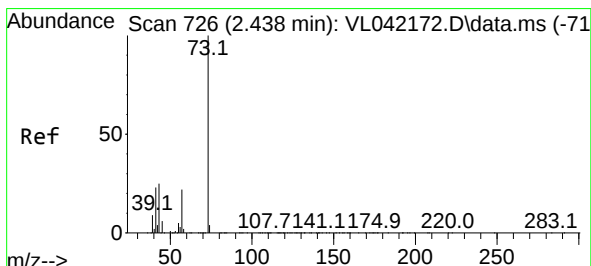
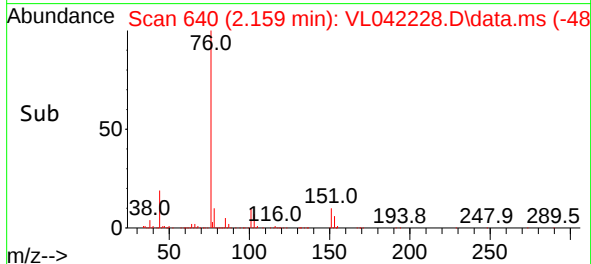
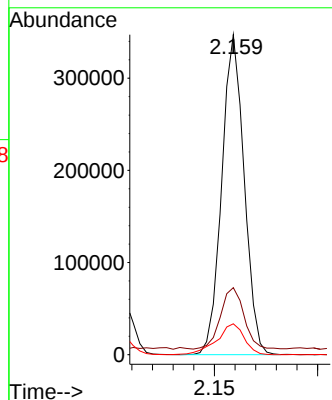
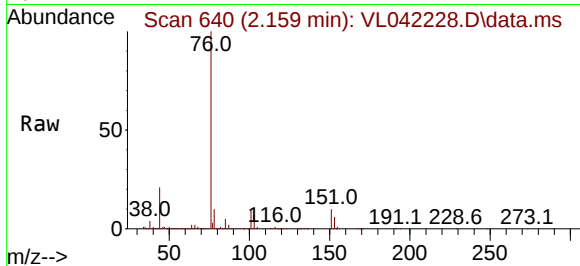




#27
Carbon Disulfide
Concen: 9.155 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

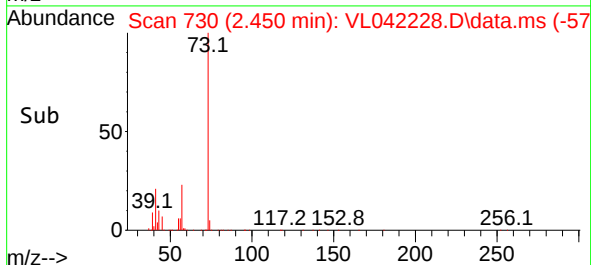
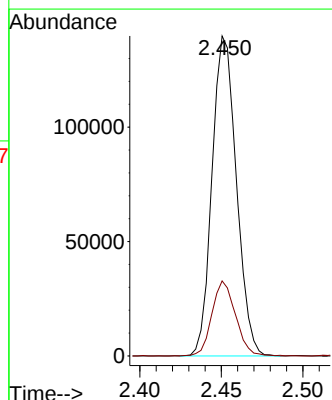
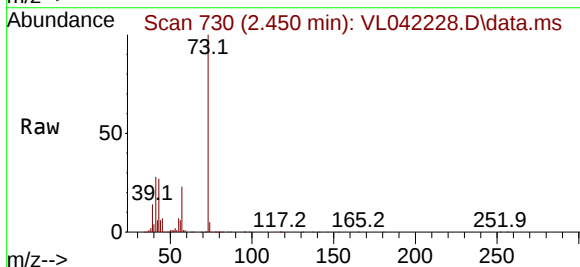
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

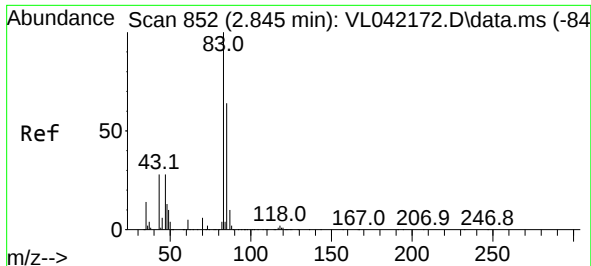
Tgt Ion: 76 Resp: 262150
Ion Ratio Lower Upper
76 100
44 21.2 14.7 22.1
78 11.8 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.740 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 73 Resp: 145310
Ion Ratio Lower Upper
73 100
57 22.7 20.5 30.7





#29

Chloroform

Concen: 10.178 ppbv

RT: 2.862 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

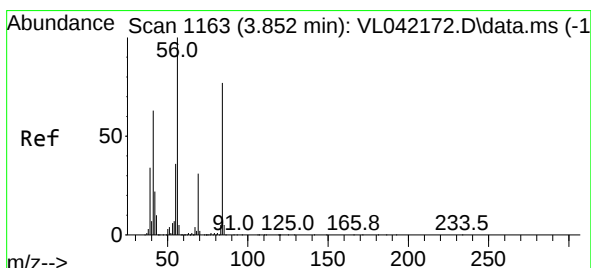
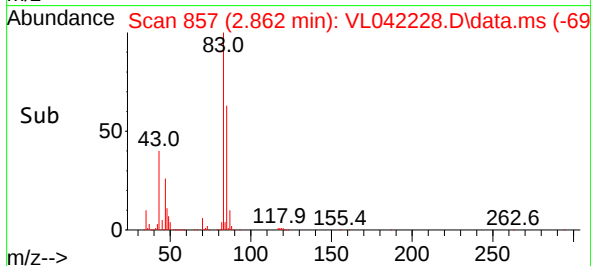
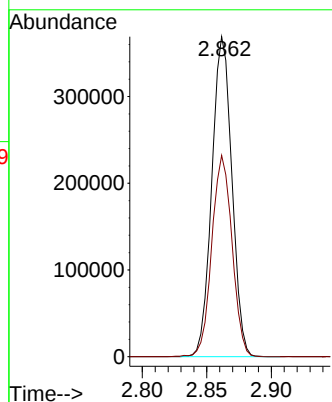
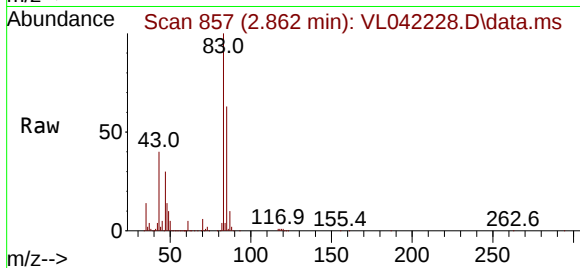
VSTDCCC010

Tgt Ion: 83 Resp: 397772

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.2



#30

Cyclohexane

Concen: 8.816 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.023 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

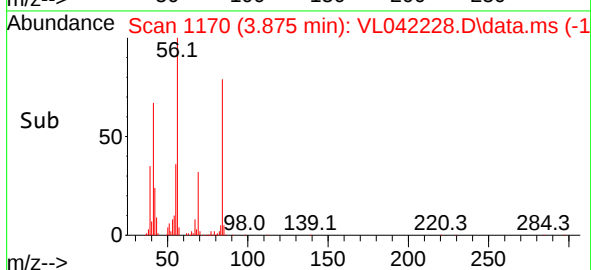
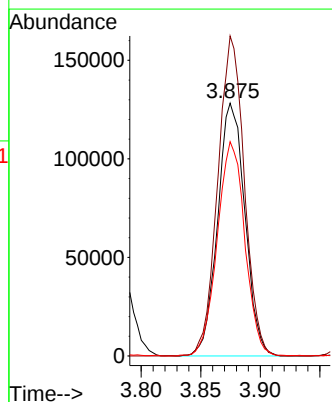
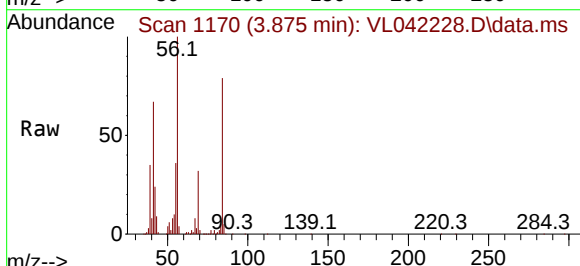
Tgt Ion: 84 Resp: 204416

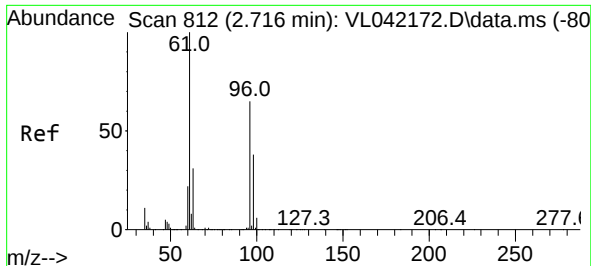
Ion Ratio Lower Upper

84 100

56 123.0 102.8 154.2

41 85.6 66.5 99.7

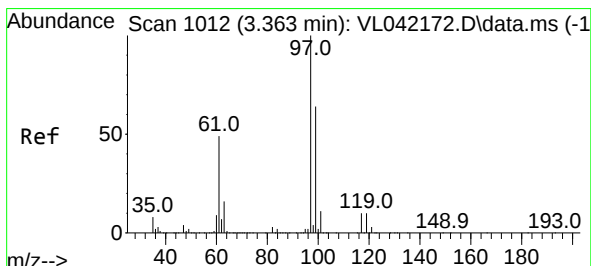
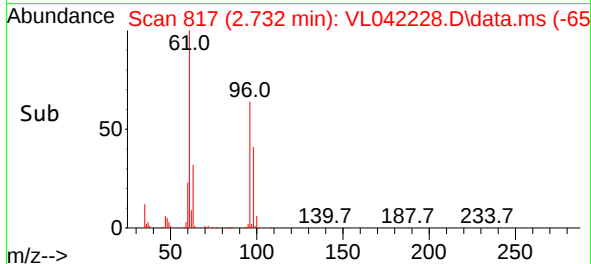
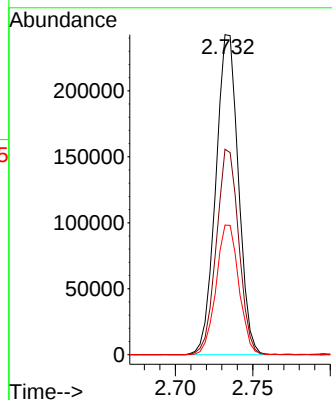
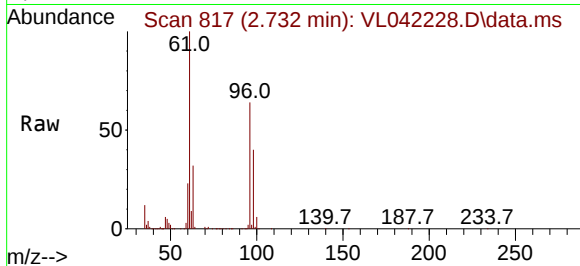




#31
 cis-1,2-Dichloroethene
 Concen: 9.085 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

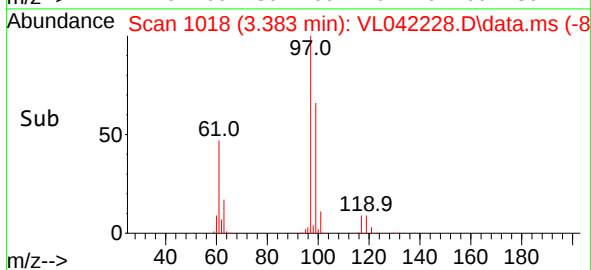
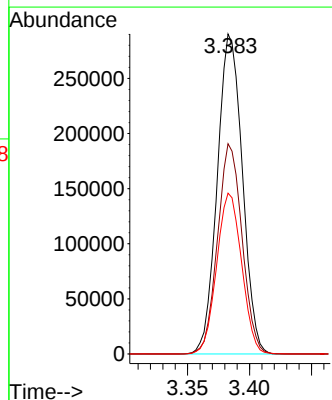
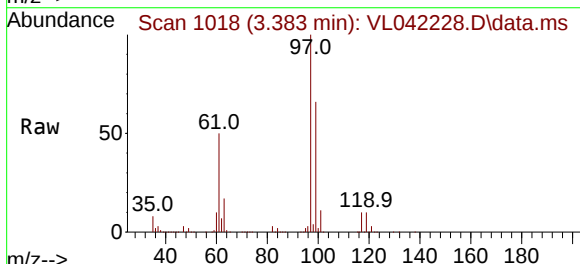
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 246306
 Ion Ratio Lower Upper
 61 100
 96 64.2 51.8 77.8
 98 40.5 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 9.162 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.019 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 97 Resp: 409916
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.5 77.3
 61 50.0 38.7 58.1

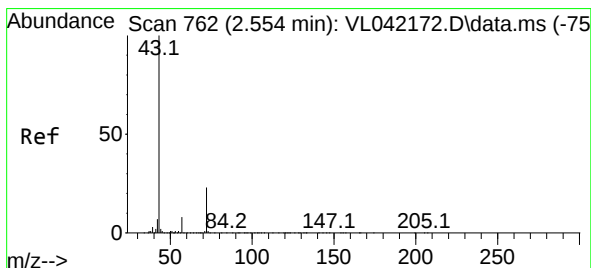
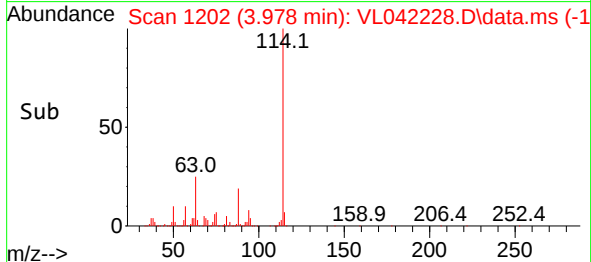
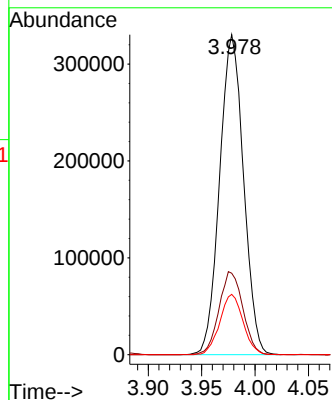
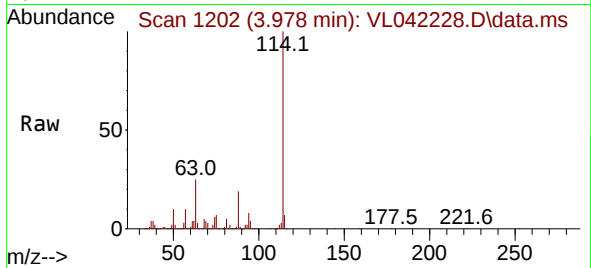




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1194
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

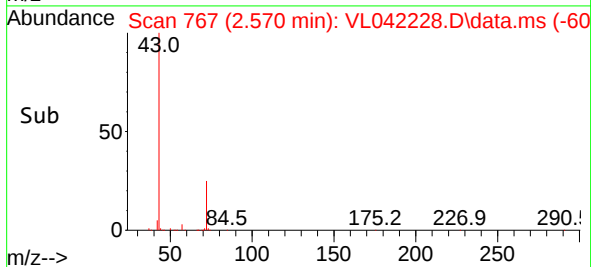
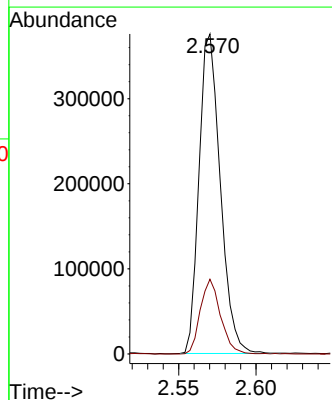
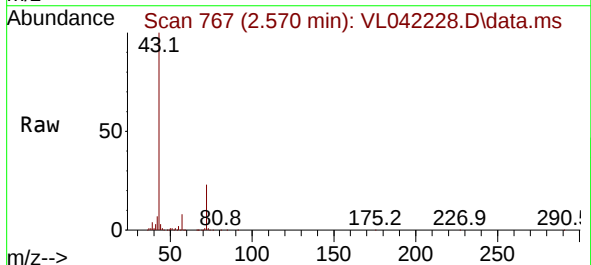
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

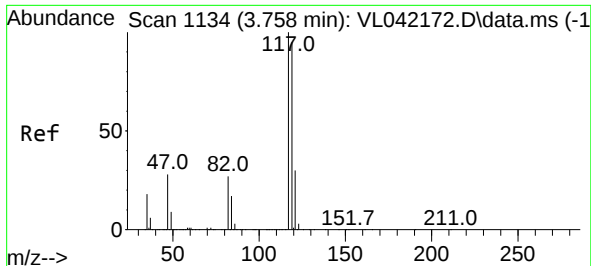
Tgt Ion:114 Resp: 513778
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 18.4 15.0 22.4



#34
2-Butanone
Concen: 9.632 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 43 Resp: 358832
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.2

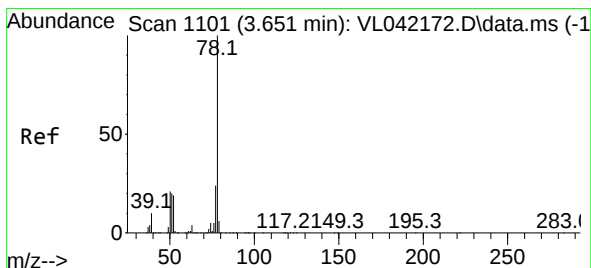
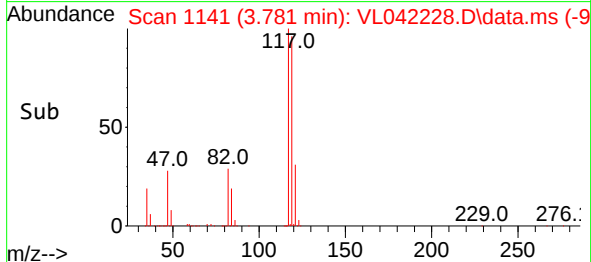
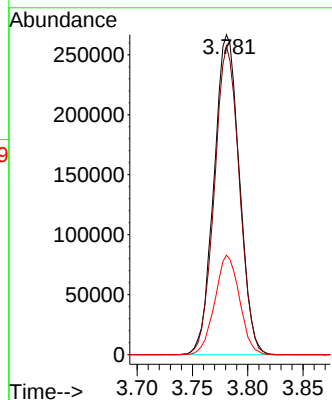
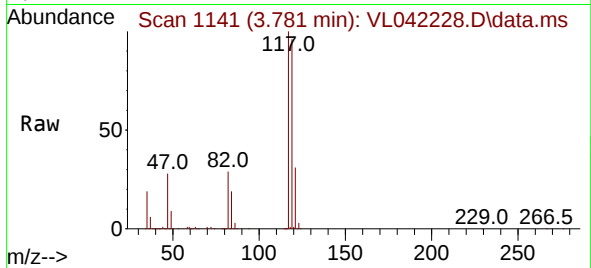




#35
Carbon Tetrachloride
Concen: 10.613 ppbv
RT: 3.781 min Scan# 1114
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

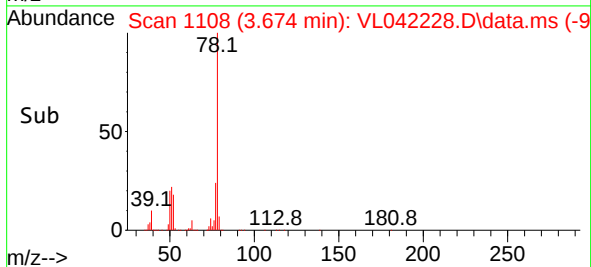
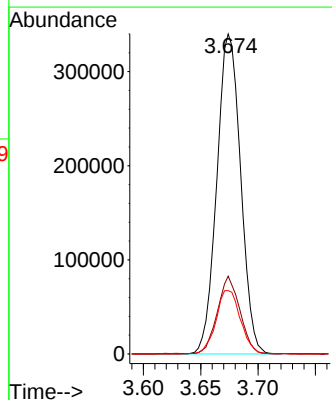
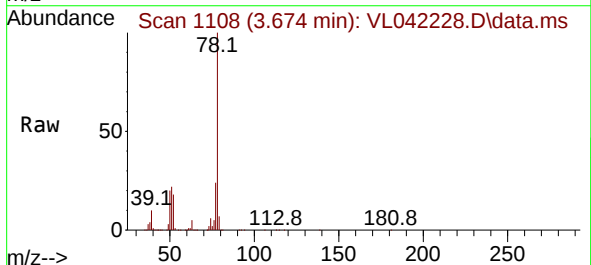
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

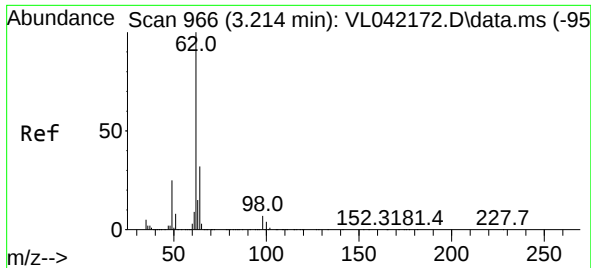
Tgt Ion:117 Resp: 425964
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 31.1 24.2 36.4



#36
Benzene
Concen: 9.636 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 78 Resp: 490813
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
50 19.8 16.6 24.8





#37

1,2-Dichloroethane

Concen: 10.772 ppbv

RT: 3.234 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

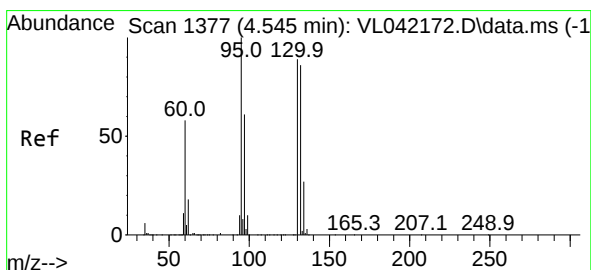
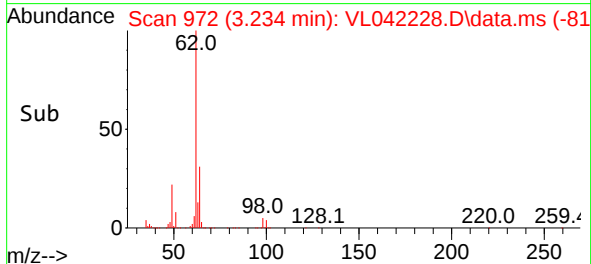
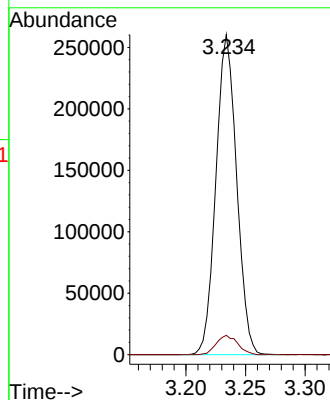
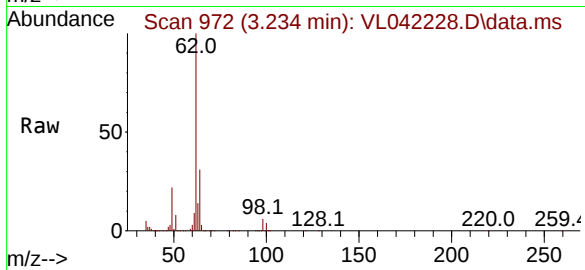
VSTDCCC010

Tgt Ion: 62 Resp: 314121

Ion Ratio Lower Upper

62 100

98 6.2 5.4 8.2



#38

Trichloroethene

Concen: 9.512 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. 0.029 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Tgt Ion:130 Resp: 202154

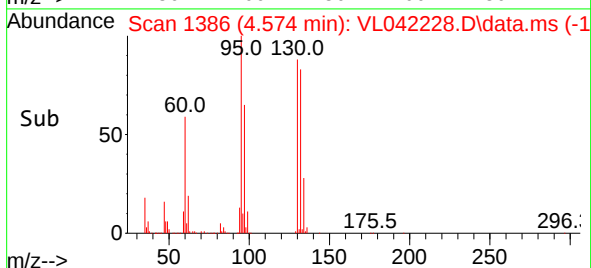
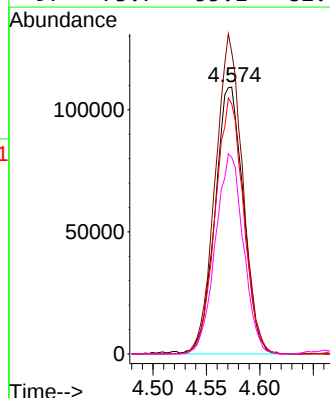
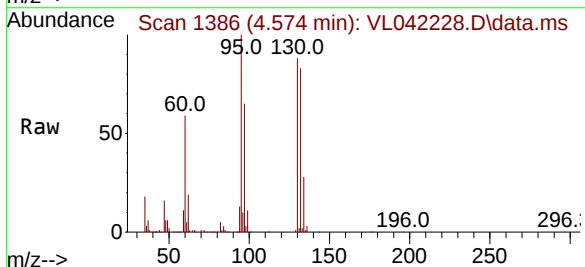
Ion Ratio Lower Upper

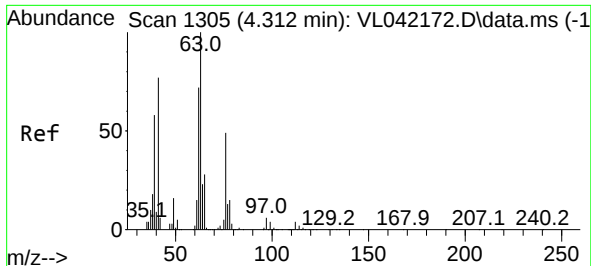
130 100

95 113.0 89.8 134.8

132 93.7 77.4 116.2

97 73.7 55.1 82.7





#39

1,2-Dichloropropane

Concen: 9.472 ppbv

RT: 4.337 min Scan# 11

Delta R.T. 0.026 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

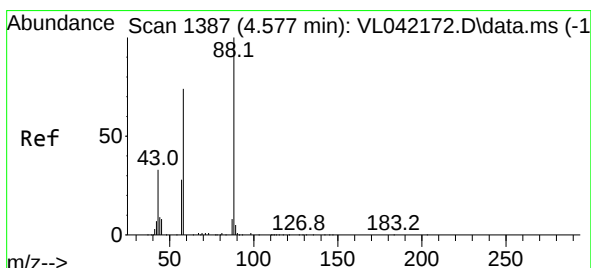
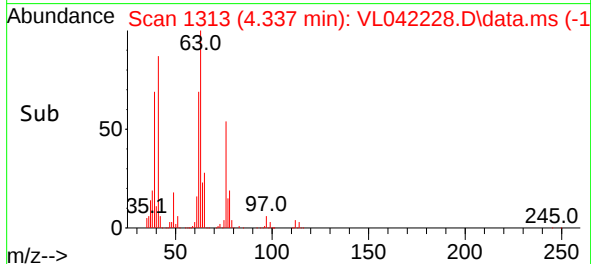
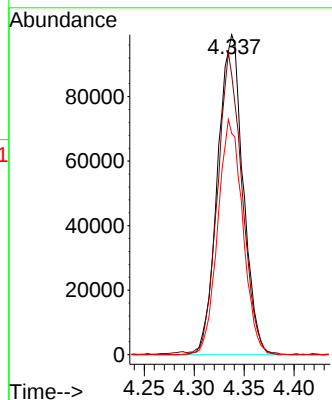
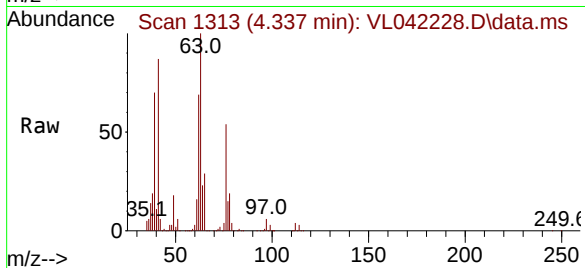
Tgt Ion: 63 Resp: 175704

Ion Ratio Lower Upper

63 100

41 87.2 61.7 92.5

62 69.1 57.6 86.4



#40

1,4-Dioxane

Concen: 8.803 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.029 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Tgt Ion: 88 Resp: 86664

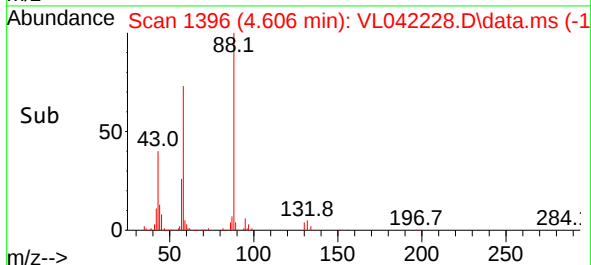
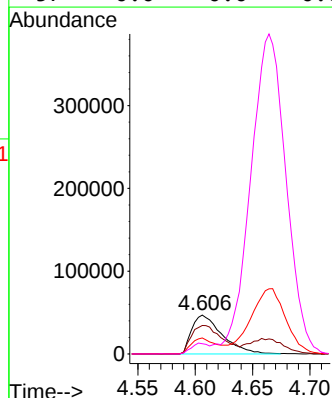
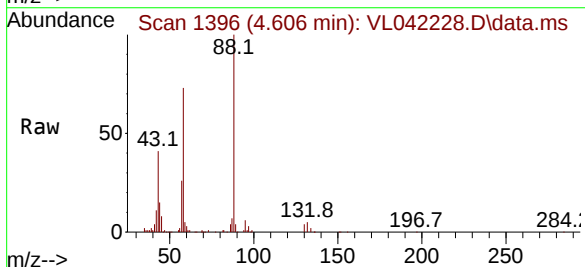
Ion Ratio Lower Upper

88 100

58 74.4 62.7 94.1

43 37.1 23.0 34.4#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.290 ppbv

RT: 3.069 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

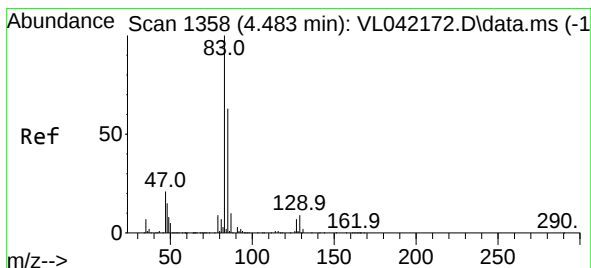
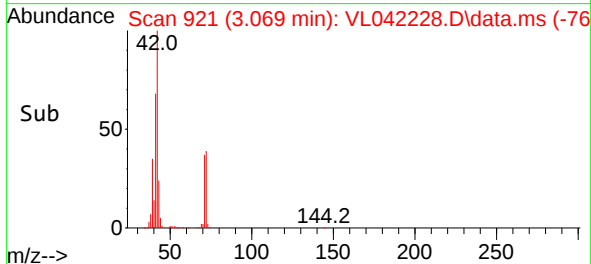
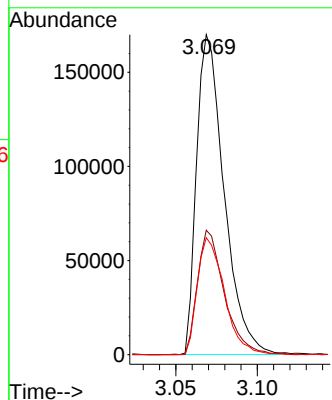
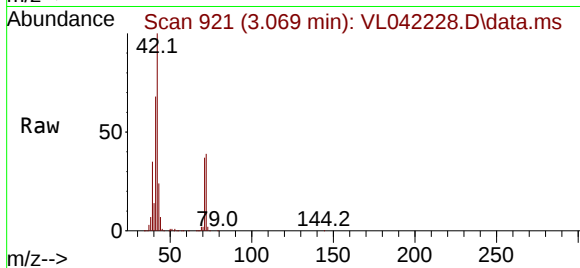
Tgt Ion: 42 Resp: 199313

Ion Ratio Lower Upper

42 100

72 38.0 31.4 47.0

71 36.1 30.2 45.4



#42

Bromodichloromethane

Concen: 10.721 ppbv

RT: 4.512 min Scan# 1367

Delta R.T. 0.029 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

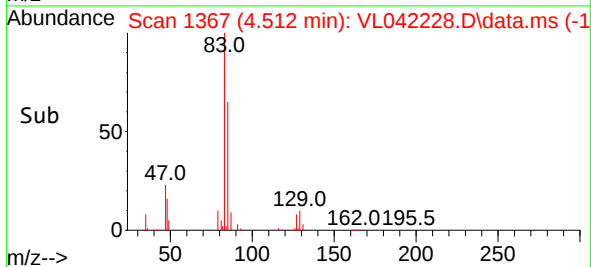
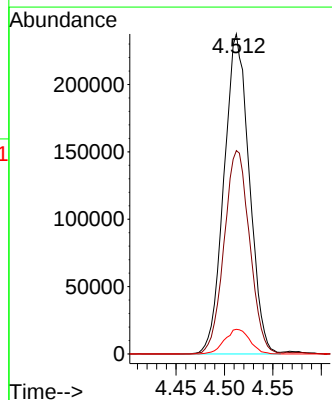
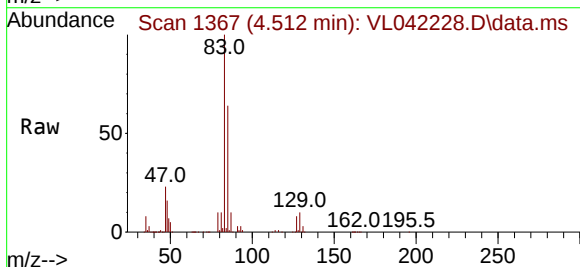
Tgt Ion: 83 Resp: 430997

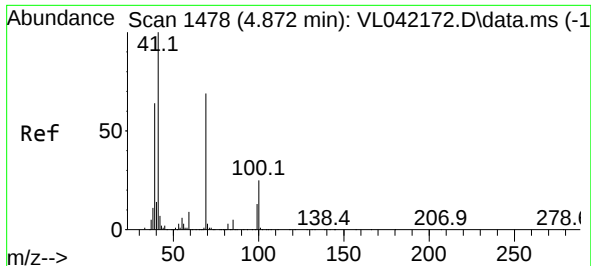
Ion Ratio Lower Upper

83 100

85 63.6 50.5 75.7

127 7.7 5.9 8.9

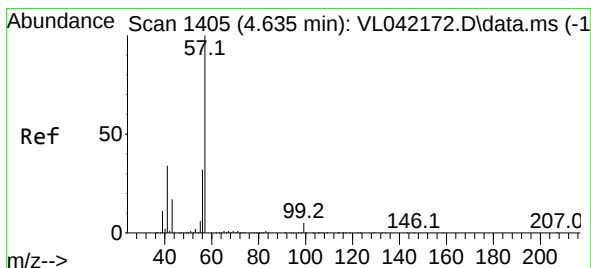
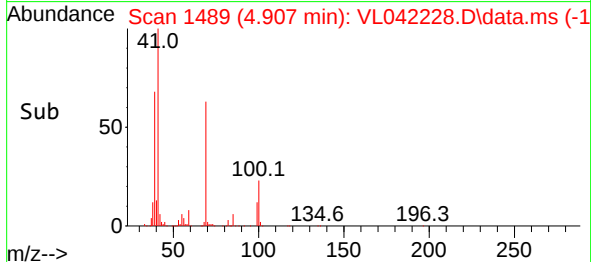
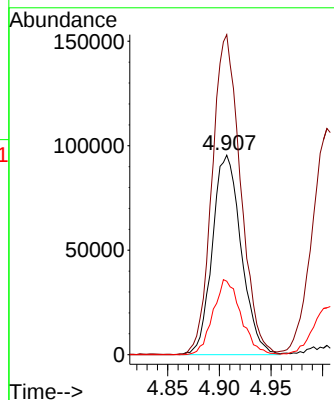
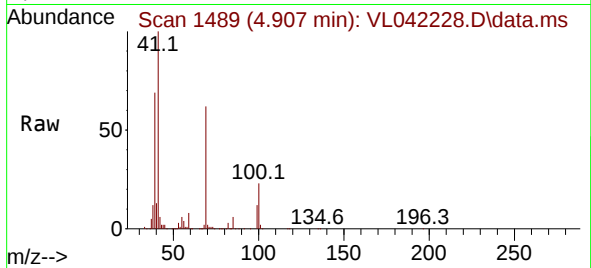




#43
Methyl Methacrylate
Concen: 8.605 ppbv
RT: 4.907 min Scan# 1414
Delta R.T. 0.035 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

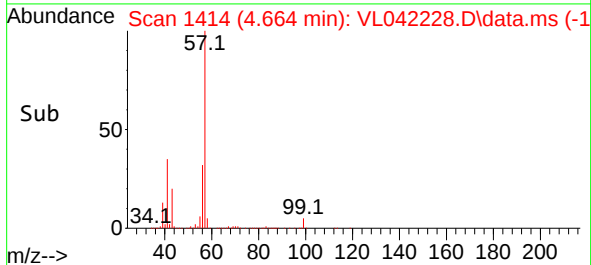
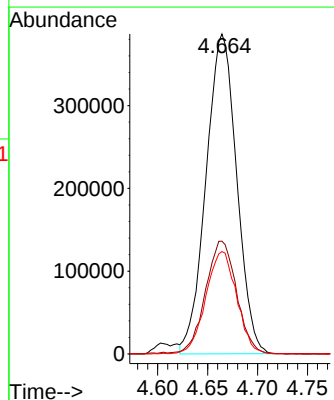
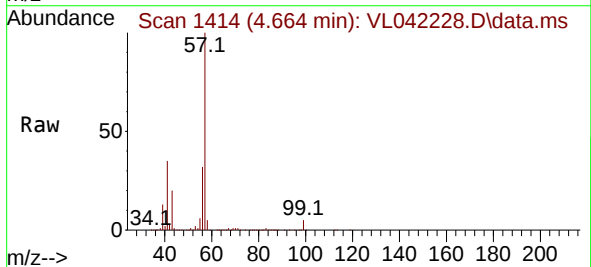
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

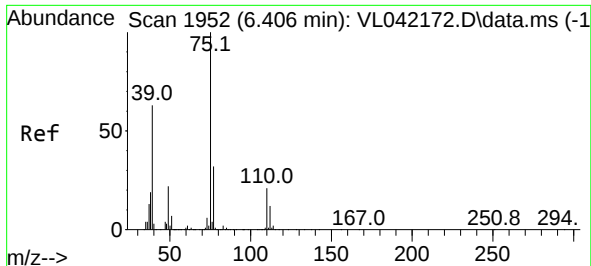
Tgt Ion: 69 Resp: 185545
Ion Ratio Lower Upper
69 100
41 157.6 123.8 185.6
100 36.4 28.4 42.6



#44
2,2,4-Trimethylpentane
Concen: 9.584 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 57 Resp: 824962
Ion Ratio Lower Upper
57 100
41 36.1 26.8 40.2
56 32.3 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 8.718 ppbv

RT: 6.444 min Scan# 1952

Delta R.T. 0.039 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

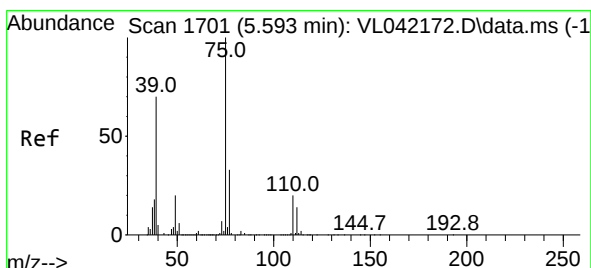
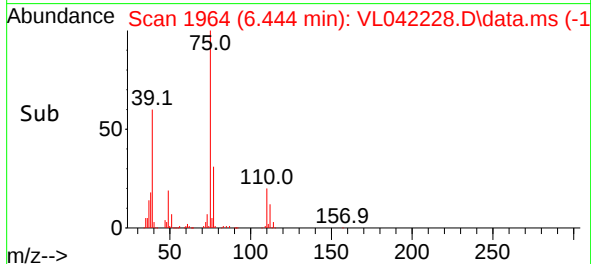
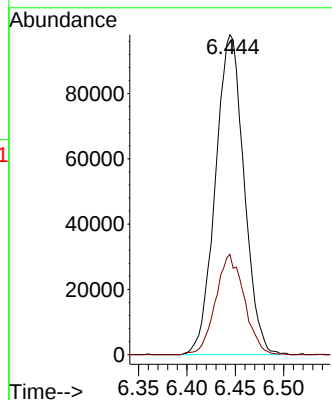
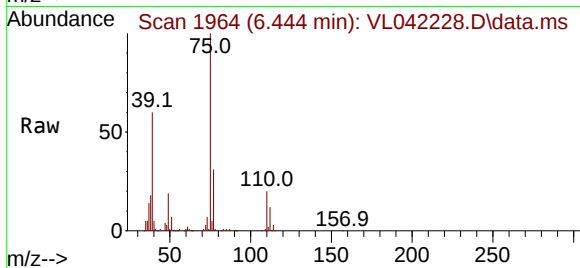
VSTDCCC010

Tgt Ion: 75 Resp: 201676

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 8.888 ppbv

RT: 5.632 min Scan# 1713

Delta R.T. 0.039 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

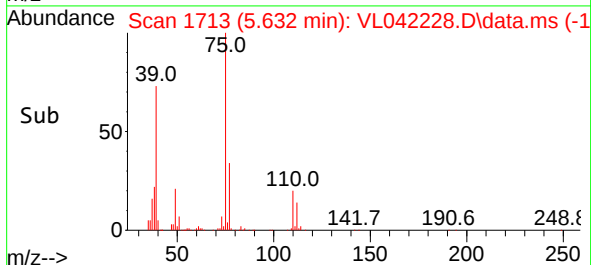
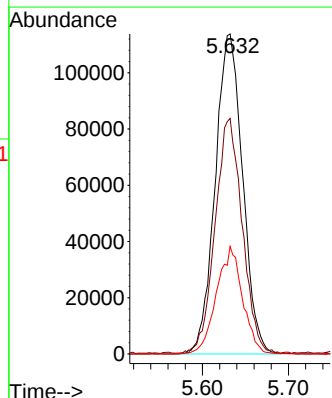
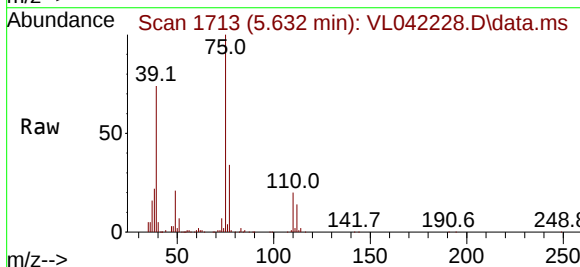
Tgt Ion: 75 Resp: 252032

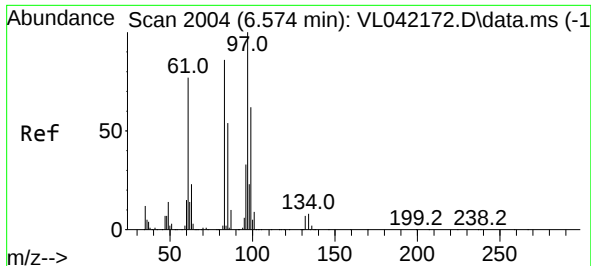
Ion Ratio Lower Upper

75 100

39 73.3 55.8 83.6

77 33.4 26.0 39.0

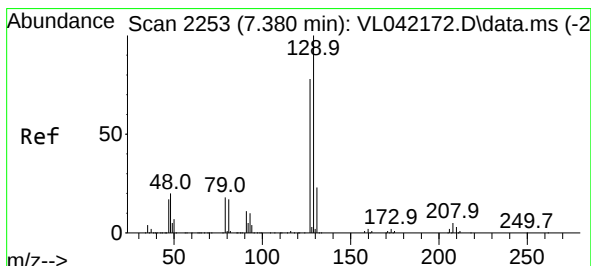
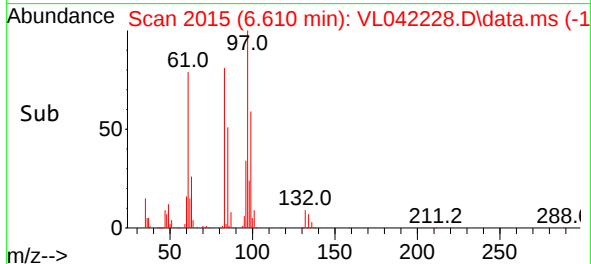
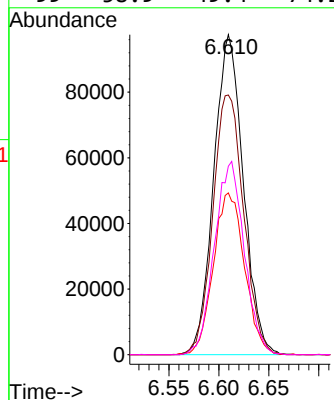
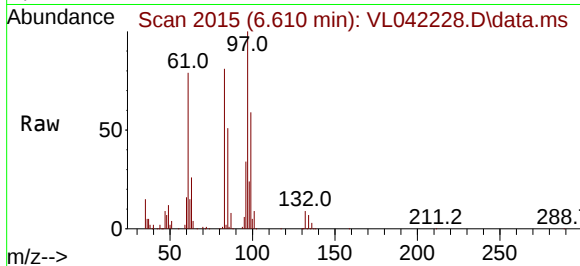




#47
1,1,2-Trichloroethane
Concen: 10.239 ppbv
RT: 6.610 min Scan# 2004
Delta R.T. 0.035 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

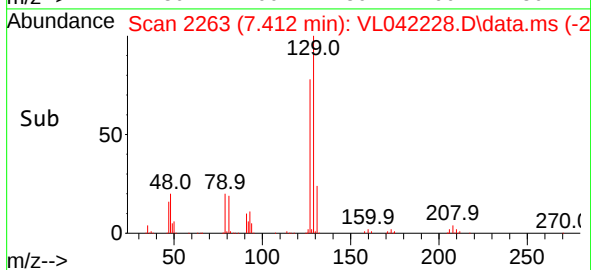
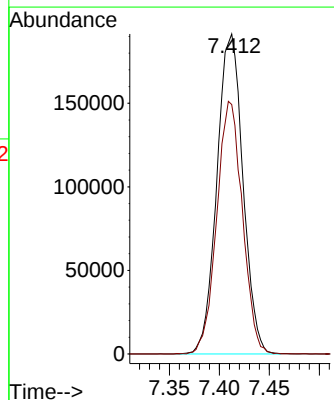
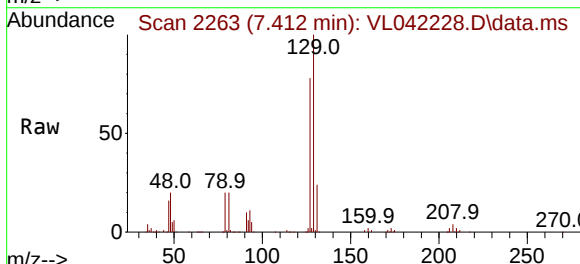
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

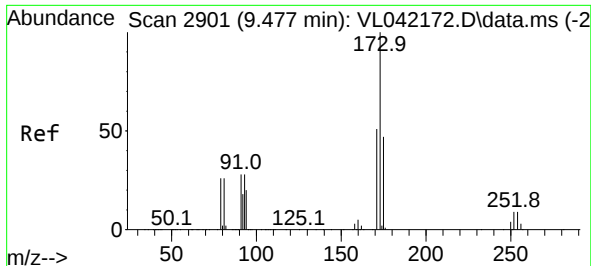
Tgt Ion: 97 Resp: 200780
Ion Ratio Lower Upper
97 100
83 81.0 69.2 103.8
85 50.4 43.1 64.7
99 58.9 49.4 74.2



#48
Dibromochloromethane
Concen: 10.438 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.032 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 129 Resp: 346881
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#49

Bromoform

Concen: 9.932 ppbv

RT: 9.500 min Scan# 2901

Delta R.T. 0.023 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

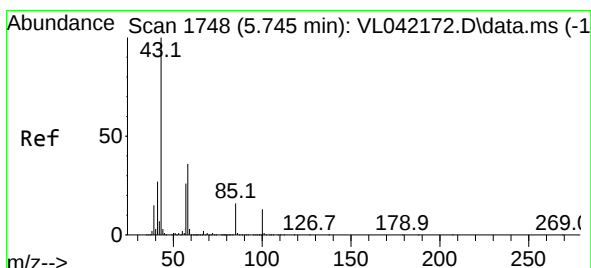
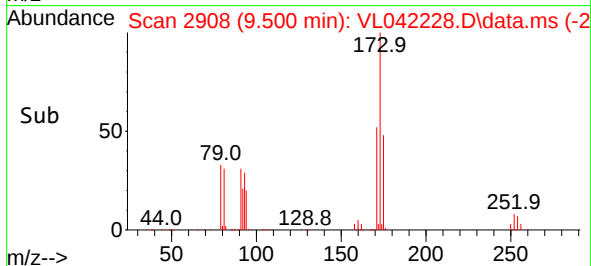
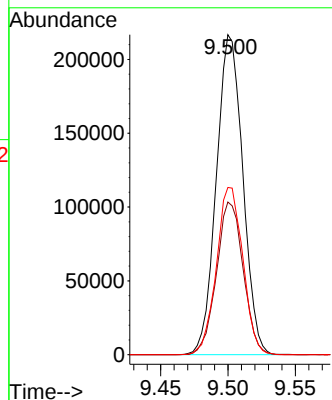
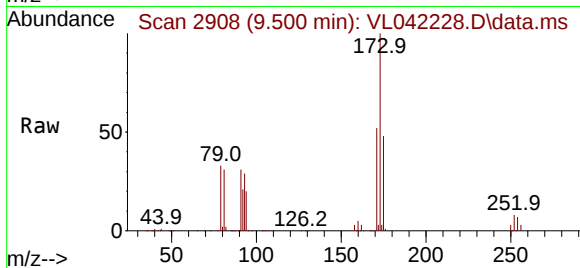
Tgt Ion:173 Resp: 296338

Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

171 52.2 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 8.665 ppbv

RT: 5.781 min Scan# 1759

Delta R.T. 0.036 min

Lab File: VL042228.D

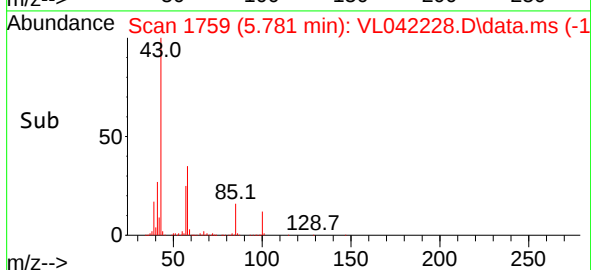
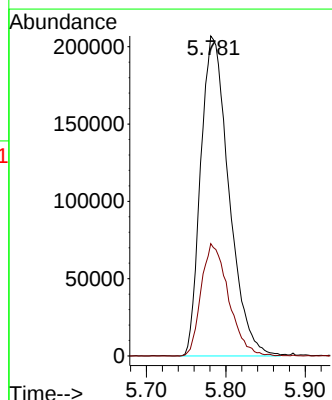
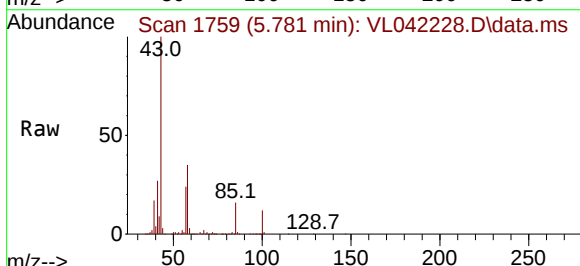
Acq: 07 Apr 2025 09:31

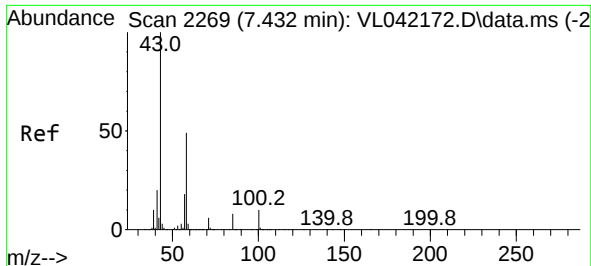
Tgt Ion: 43 Resp: 511581

Ion Ratio Lower Upper

43 100

58 34.2 29.0 43.6

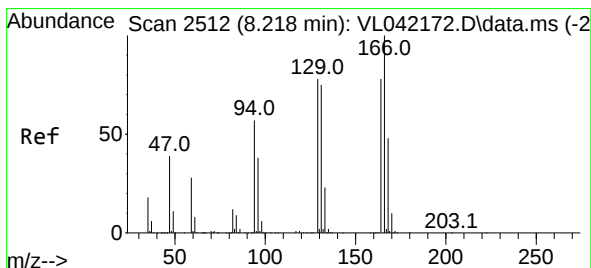
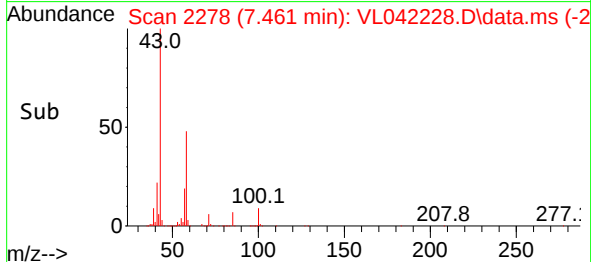
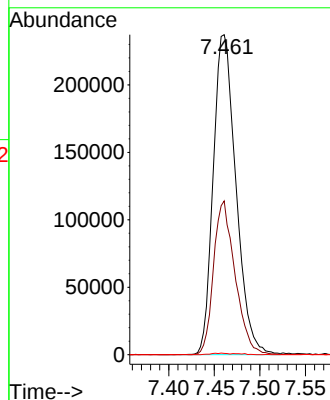
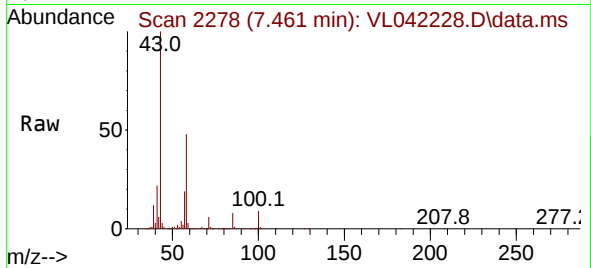




#51
2-Hexanone
Concen: 8.501 ppbv
RT: 7.461 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

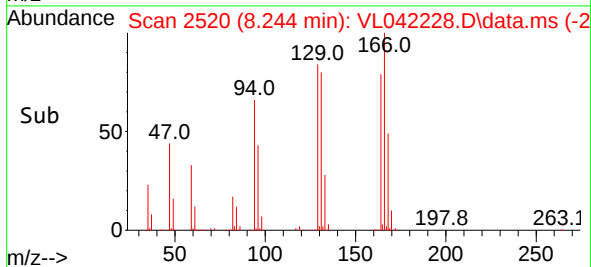
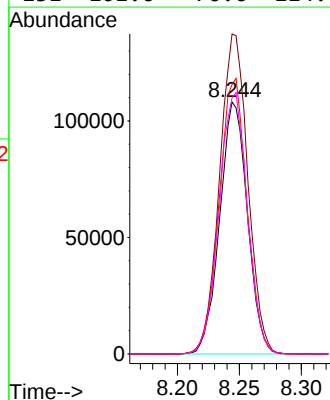
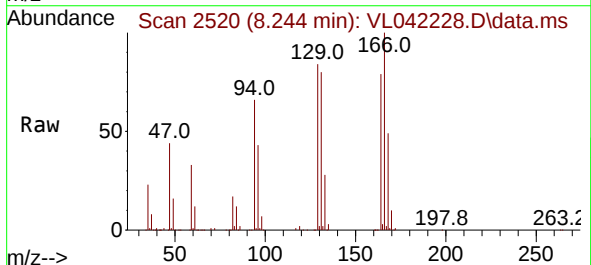
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

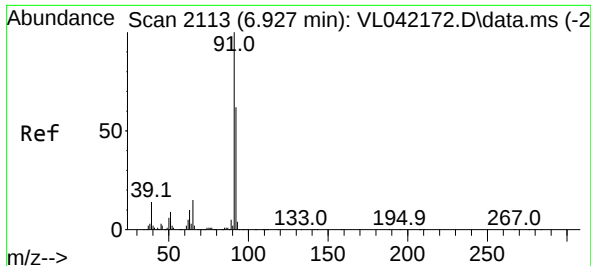
Tgt Ion: 43 Resp: 412183
Ion Ratio Lower Upper
43 100
58 45.4 39.7 59.5
98 0.5 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.322 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 164 Resp: 168107
Ion Ratio Lower Upper
164 100
166 127.0 102.5 153.7
129 106.9 79.8 119.8
131 101.6 76.6 114.8

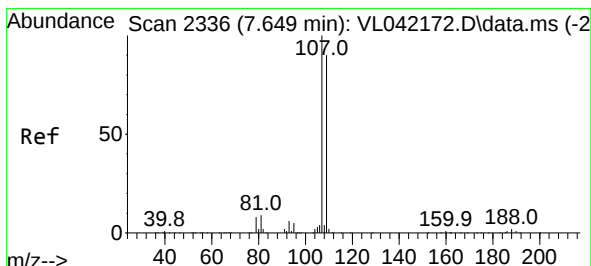
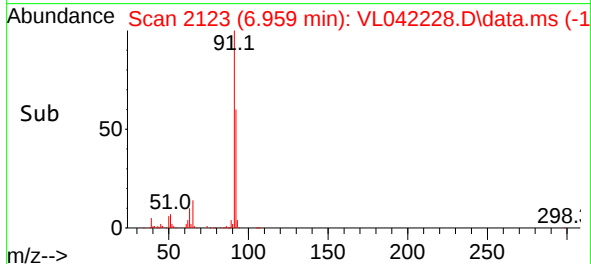
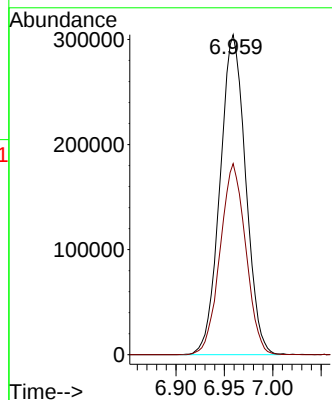
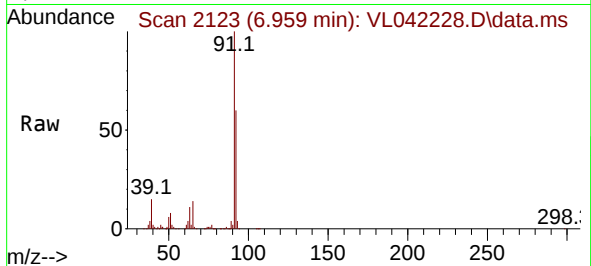




#53
Toluene
Concen: 9.286 ppbv
RT: 6.959 min Scan# 2113
Delta R.T. 0.032 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

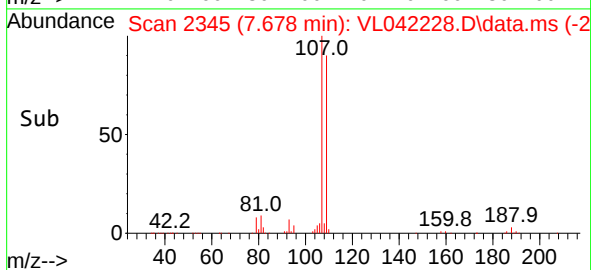
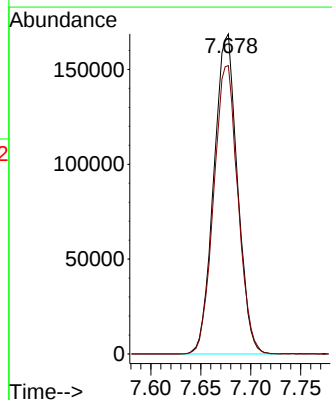
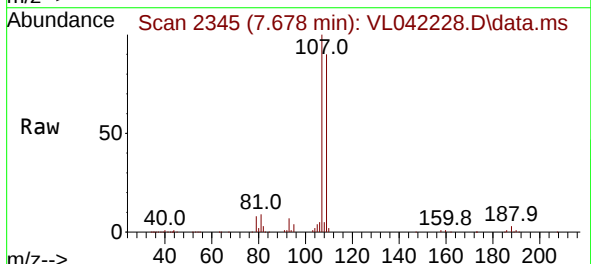
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

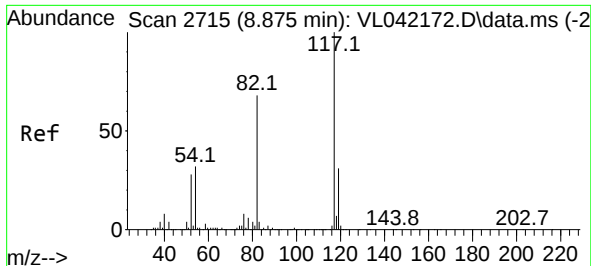
Tgt Ion: 91 Resp: 560665
Ion Ratio Lower Upper
91 100
92 59.8 48.4 72.6



#54
1,2-Dibromoethane
Concen: 10.154 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.029 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 107 Resp: 277561
Ion Ratio Lower Upper
107 100
109 90.1 72.2 108.4

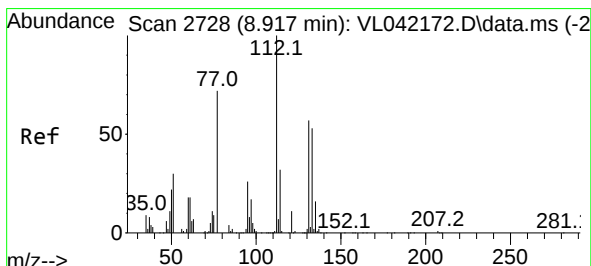
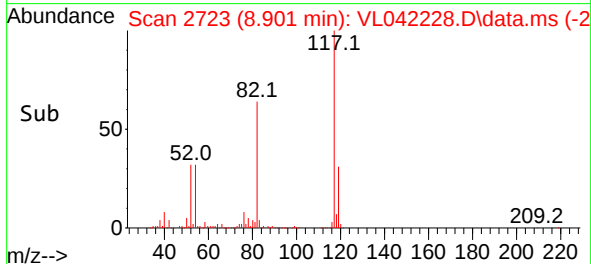
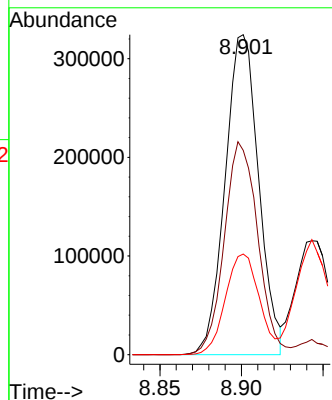
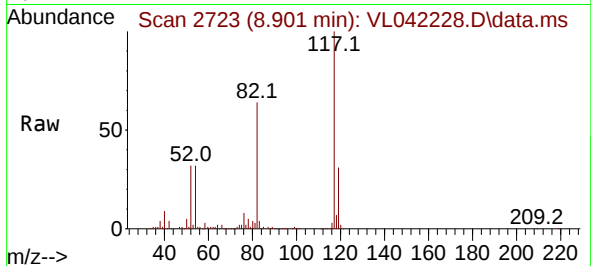




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

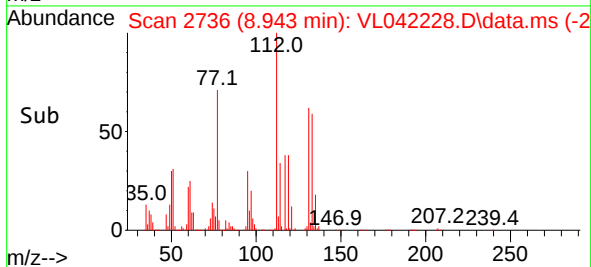
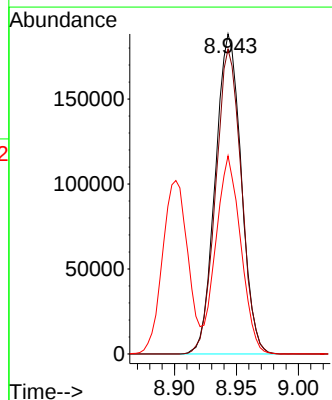
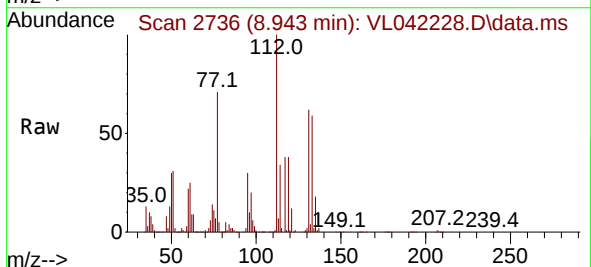
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

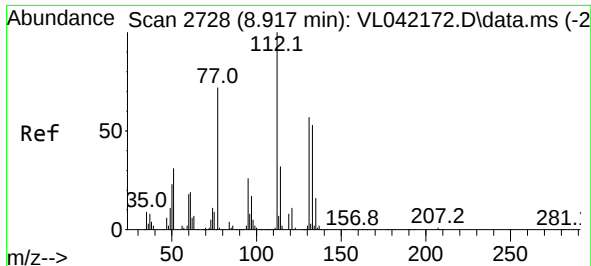
Tgt Ion:117 Resp: 464477
Ion Ratio Lower Upper
117 100
82 70.4 55.8 83.6
119 32.3 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 10.722 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.026 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:131 Resp: 274135
Ion Ratio Lower Upper
131 100
133 94.5 76.6 114.8
119 61.1 49.8 74.6





#57

Chlorobenzene

Concen: 10.368 ppbv

RT: 8.940 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

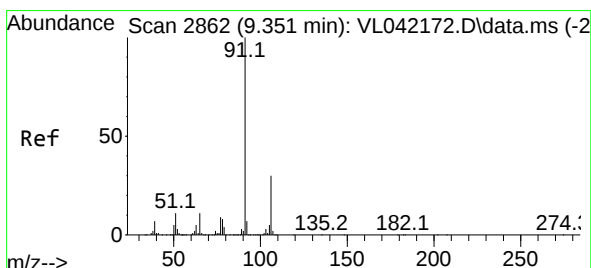
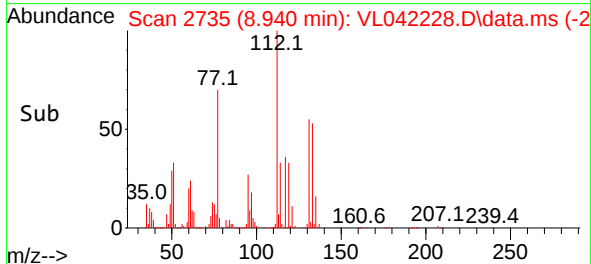
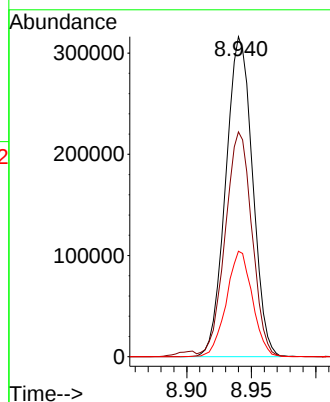
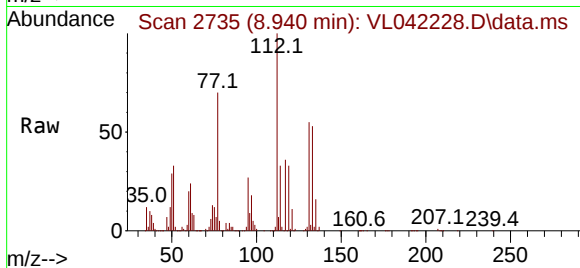
Tgt Ion:112 Resp: 456787

Ion Ratio Lower Upper

112 100

77 69.9 58.2 87.2

114 32.9 29.1 35.5



#58

Ethyl Benzene

Concen: 9.888 ppbv

RT: 9.374 min Scan# 2869

Delta R.T. 0.023 min

Lab File: VL042228.D

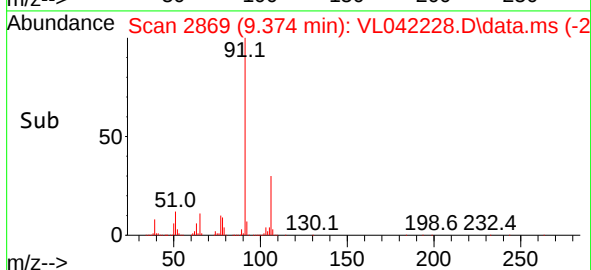
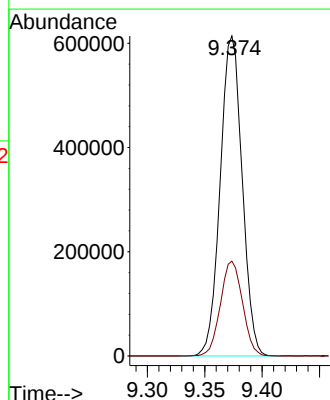
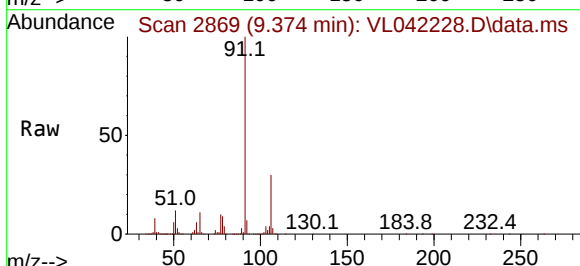
Acq: 07 Apr 2025 09:31

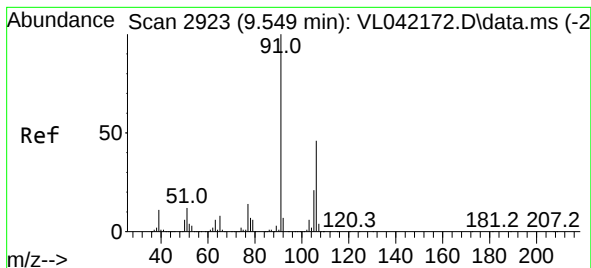
Tgt Ion: 91 Resp: 815771

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.2





#59

m/p-Xylene

Concen: 10.284 ppbv

RT: 9.568 min Scan# 2923

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

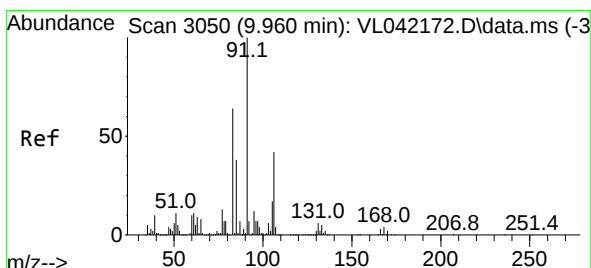
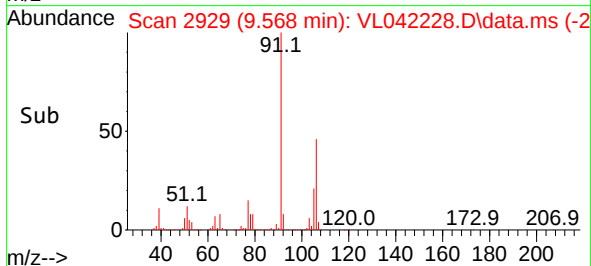
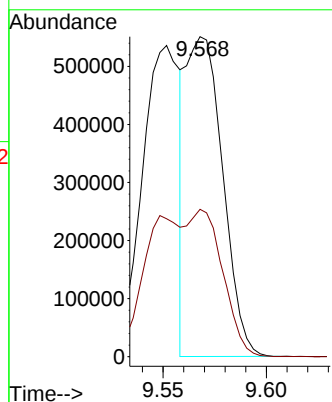
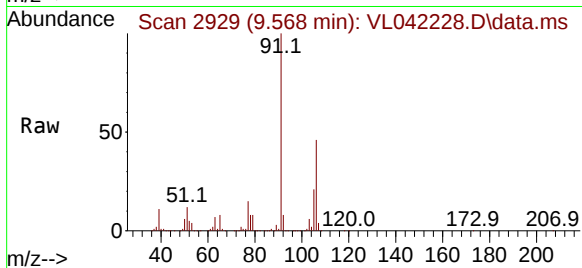
VSTDCCC010

Tgt Ion: 91 Resp: 677509

Ion Ratio Lower Upper

91 100

106 91.4 36.4 54.6#



#60

o-Xylene

Concen: 10.284 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.023 min

Lab File: VL042228.D

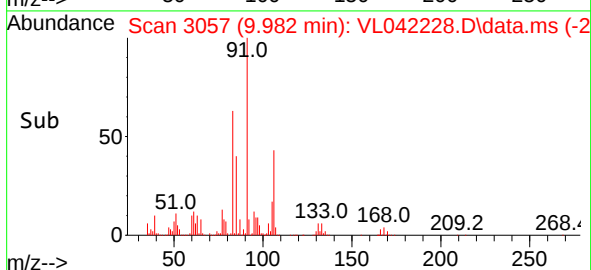
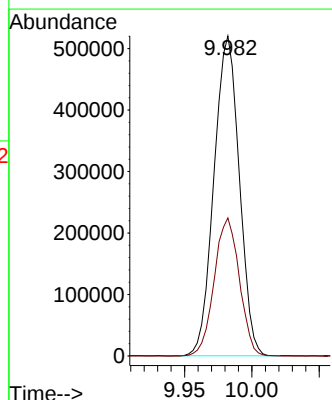
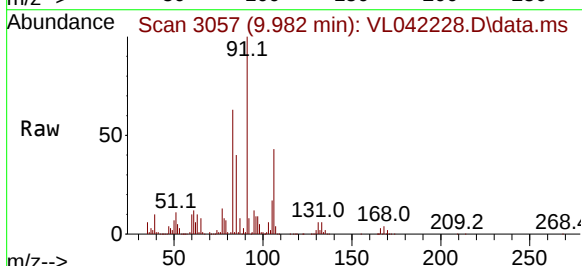
Acq: 07 Apr 2025 09:31

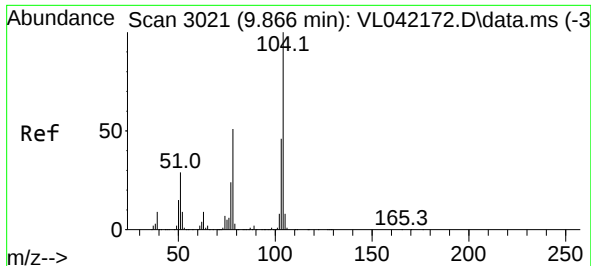
Tgt Ion: 91 Resp: 679193

Ion Ratio Lower Upper

91 100

106 42.9 20.8 62.5

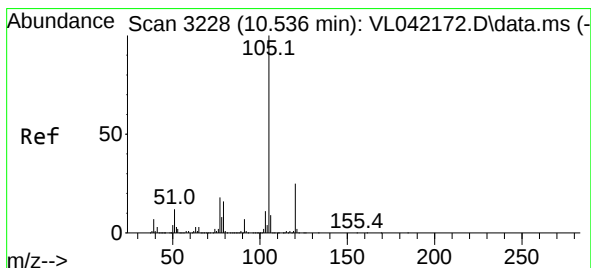
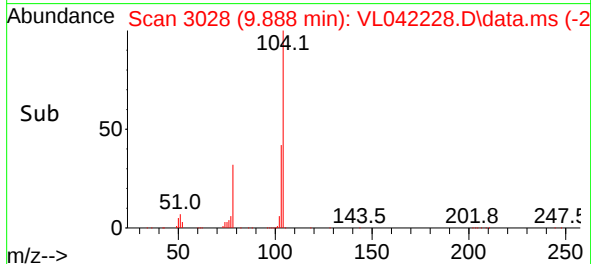
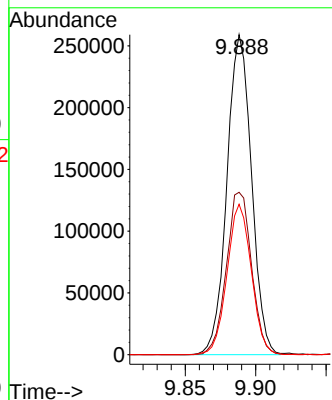
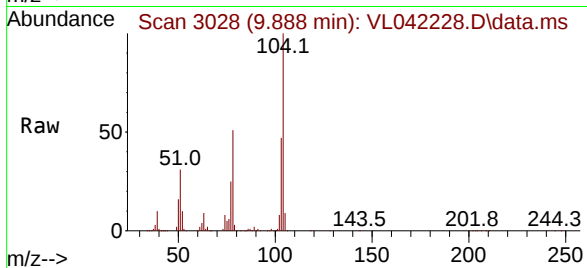




#61
Styrene
Concen: 9.635 ppbv
RT: 9.888 min Scan# 3021
Delta R.T. 0.023 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

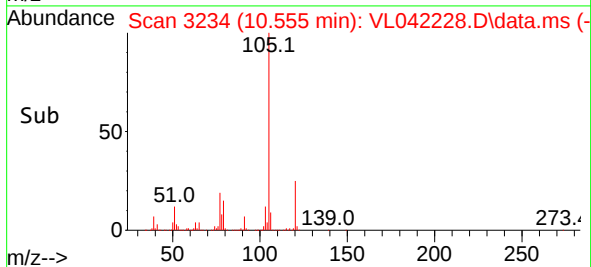
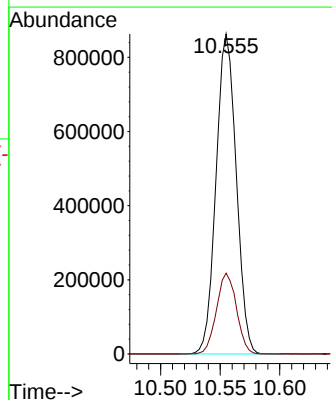
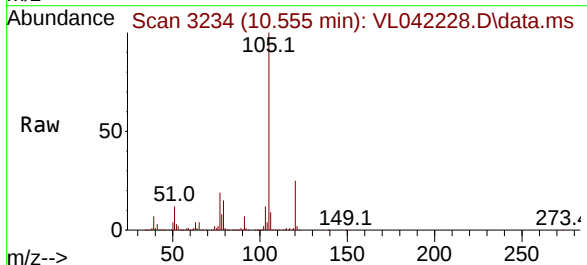
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

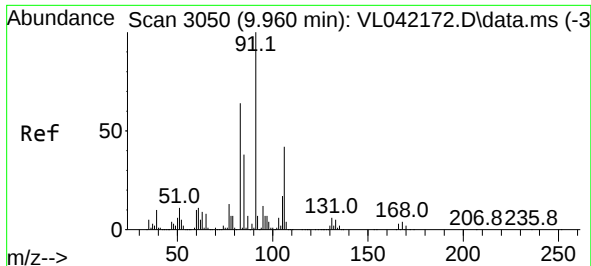
Tgt Ion:104 Resp: 314809
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.6
103 46.5 37.0 55.4



#62
Isopropylbenzene
Concen: 10.265 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:105 Resp: 1013803
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9

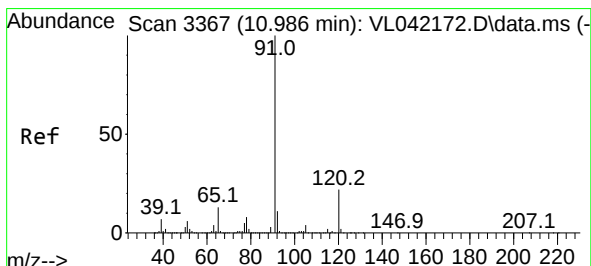
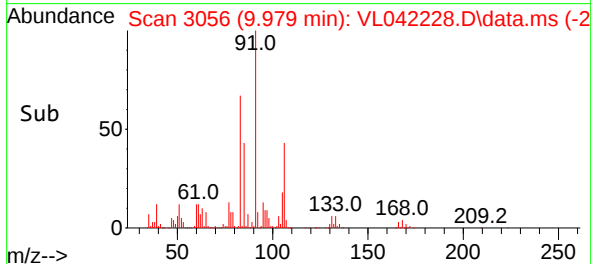
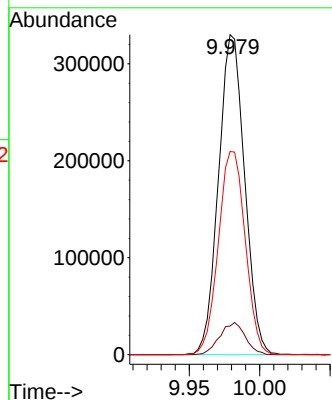
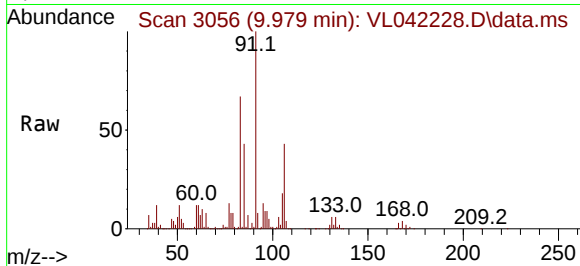




#63
1,1,2,2-Tetrachloroethane
Concen: 10.651 ppbv
RT: 9.979 min Scan# 3050
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

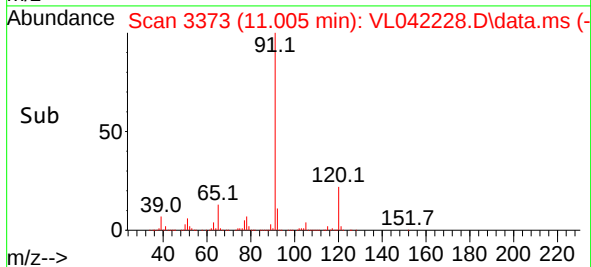
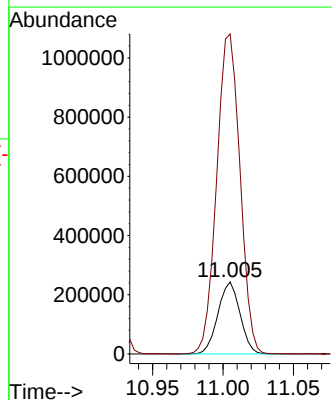
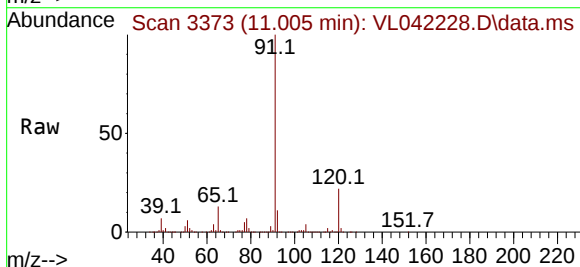
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

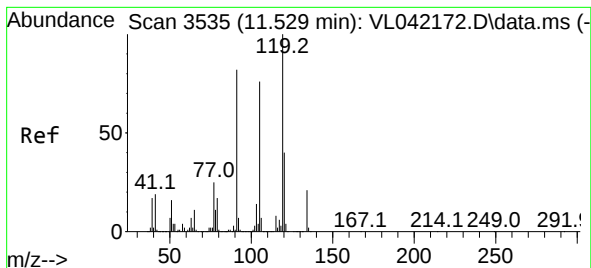
Tgt Ion: 83 Resp: 427404
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 65.3 32.5 97.5



#64
n-propylbenzene
Concen: 10.429 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 120 Resp: 265137
Ion Ratio Lower Upper
120 100
91 469.5 376.9 565.3

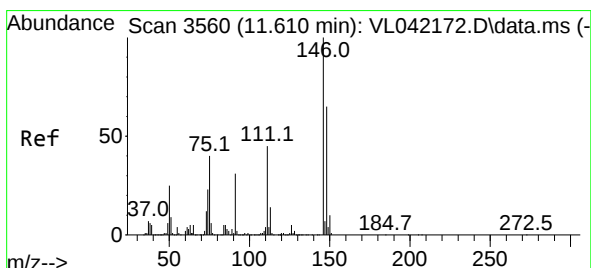
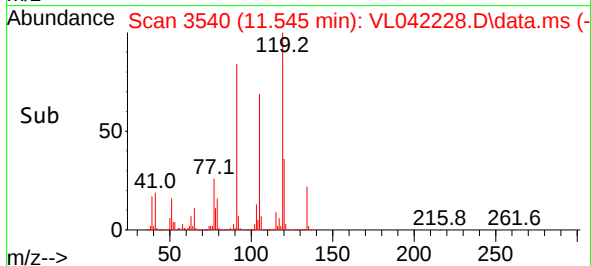
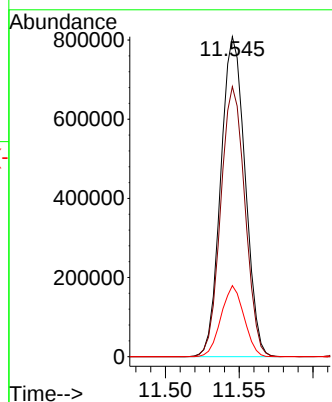
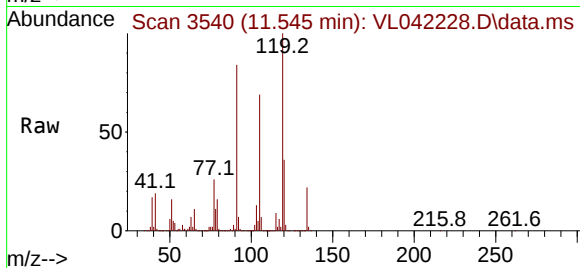




#65
tert-Butylbenzene
Concen: 10.171 ppbv
RT: 11.545 min Scan# 3535
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

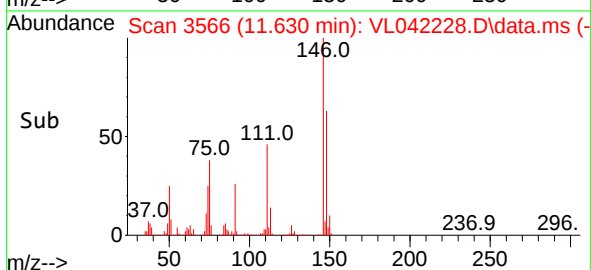
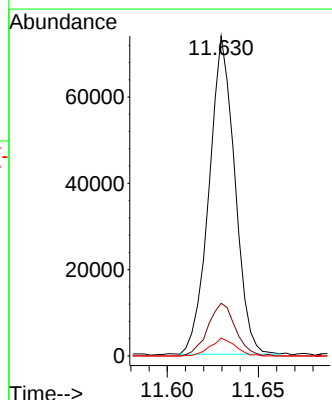
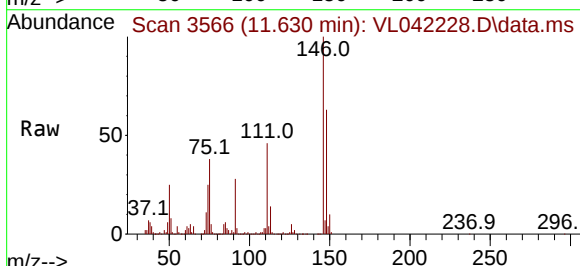
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

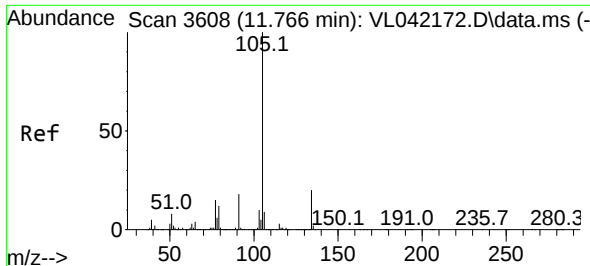
Tgt Ion:119 Resp: 928989
Ion Ratio Lower Upper
119 100
91 83.8 66.0 99.0
134 20.9 16.7 25.1



#66
Benzyl Chloride
Concen: 7.452 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 91 Resp: 72224
Ion Ratio Lower Upper
91 100
126 17.8 13.8 20.6
128 5.5 4.5 6.7

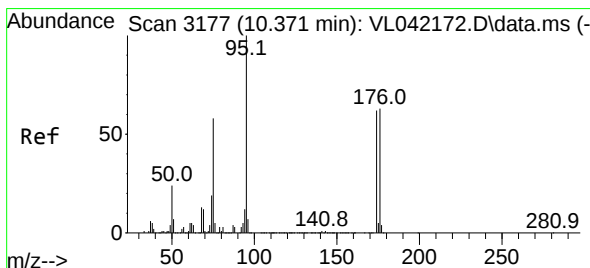
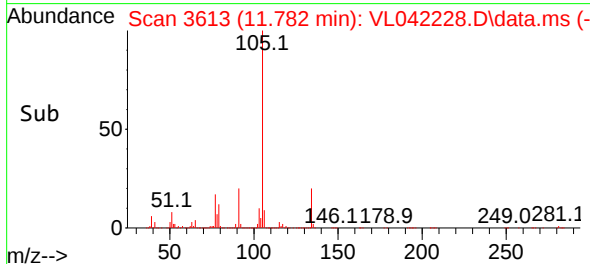
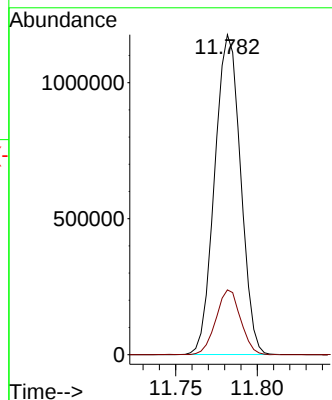
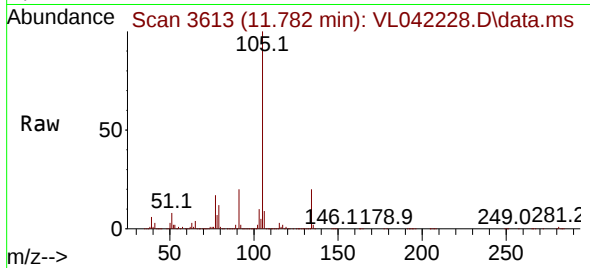




#67
 sec-Butylbenzene
 Concen: 10.229 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

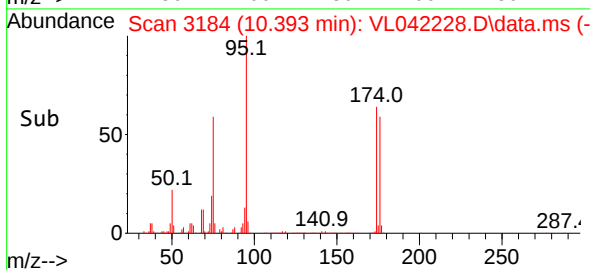
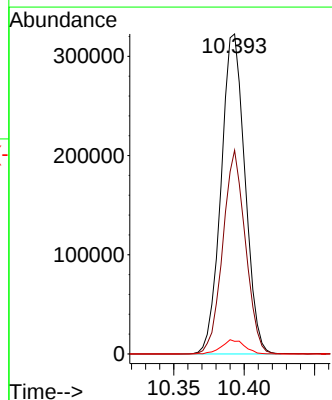
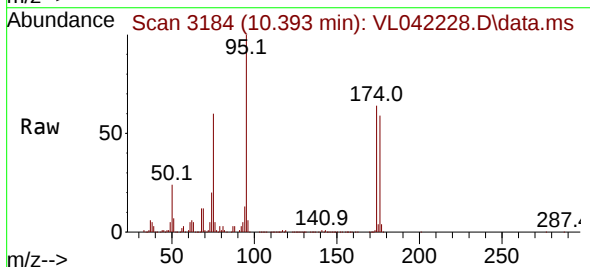
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

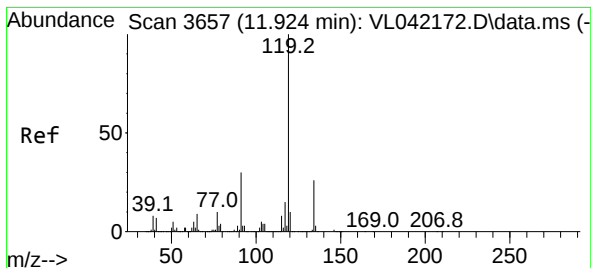
Tgt Ion:105 Resp: 1298645
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.971 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.023 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Tgt Ion: 95 Resp: 380328
 Ion Ratio Lower Upper
 95 100
 174 60.5 50.6 76.0
 175 4.3 3.8 5.6





#69

p-Isopropyltoluene

Concen: 10.324 ppbv

RT: 11.940 min Scan# 3

Delta R.T. 0.016 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

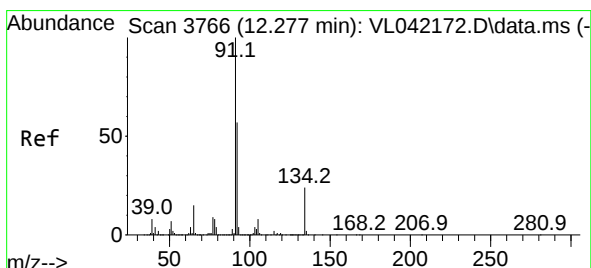
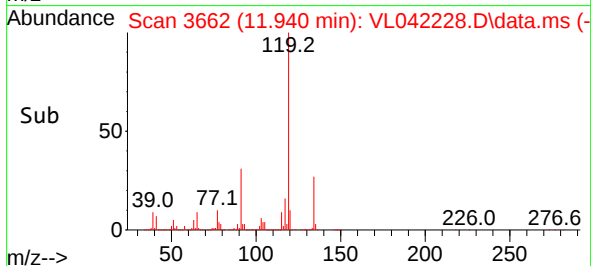
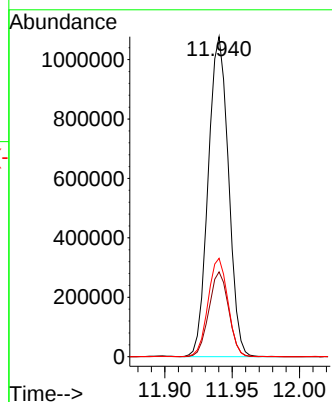
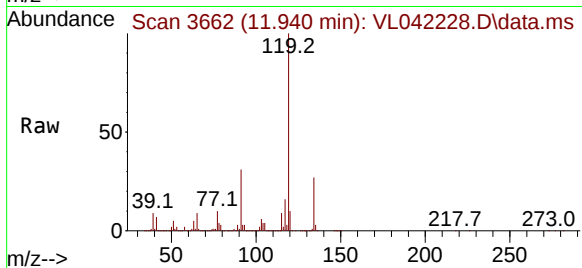
Tgt Ion:119 Resp: 1128593

Ion Ratio Lower Upper

119 100

134 25.8 20.4 30.6

91 30.1 23.7 35.5



#70

n-Butylbenzene

Concen: 10.428 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

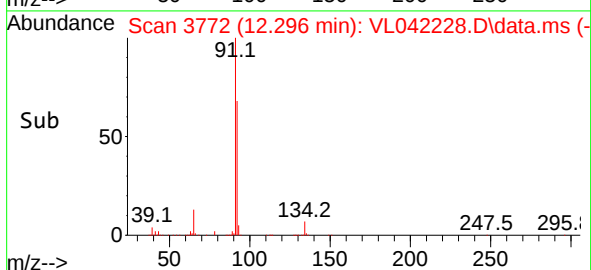
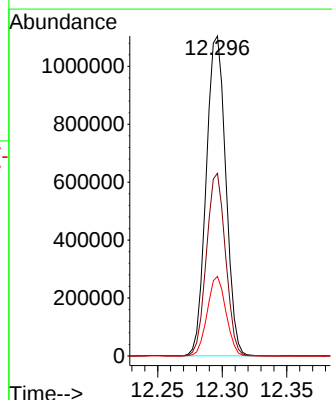
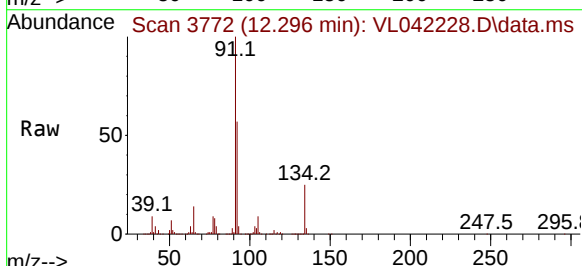
Tgt Ion: 91 Resp: 1165845

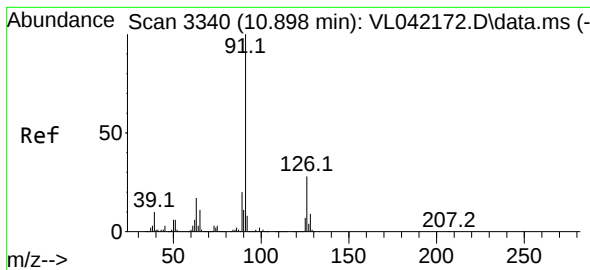
Ion Ratio Lower Upper

91 100

92 55.8 44.9 67.3

134 23.7 19.2 28.8

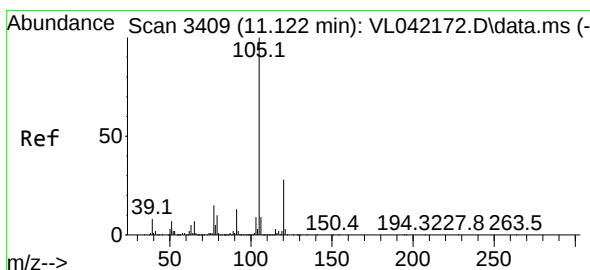
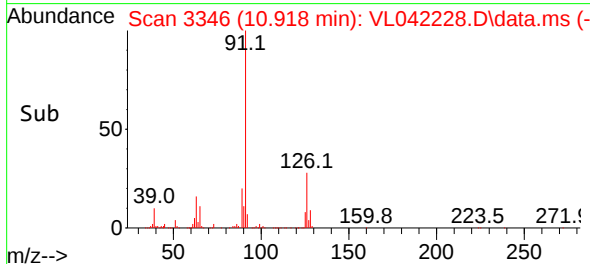
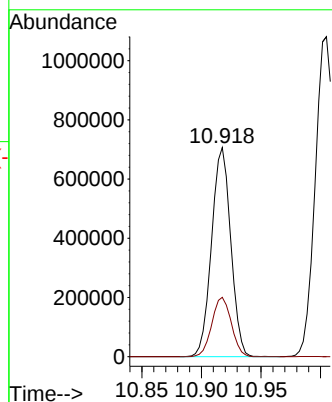
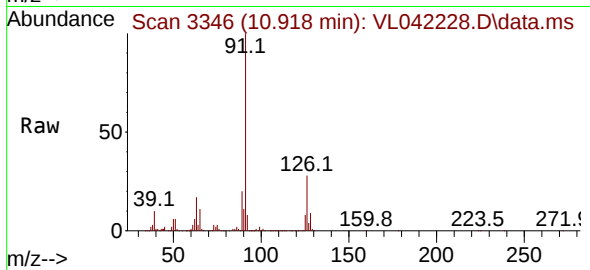




#71
2-Chlorotoluene
Concen: 10.274 ppbv
RT: 10.918 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

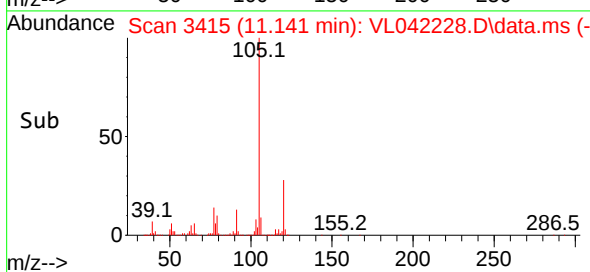
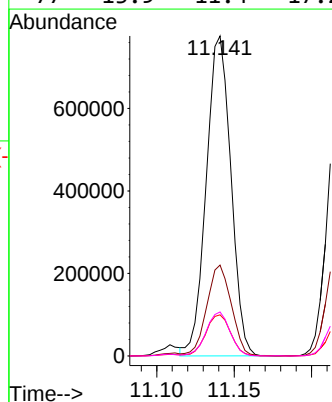
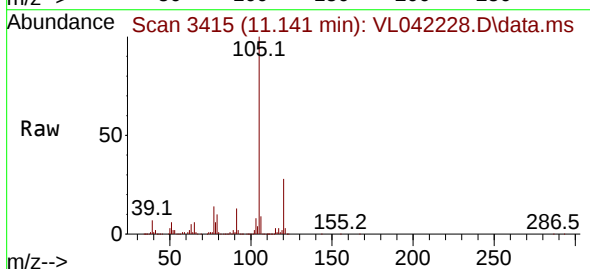
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

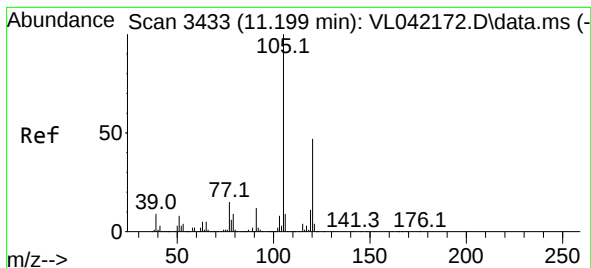
Tgt Ion: 91 Resp: 787527
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.4



#72
4-Ethyltoluene
Concen: 10.422 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion: 105 Resp: 857021
Ion Ratio Lower Upper
105 100
120 29.0 23.4 35.0
91 13.4 10.3 15.5
77 13.9 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.239 ppbv

RT: 11.219 min Scan# 3439

Delta R.T. 0.019 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Instrument :

MSVOA_1

ClientSampleId :

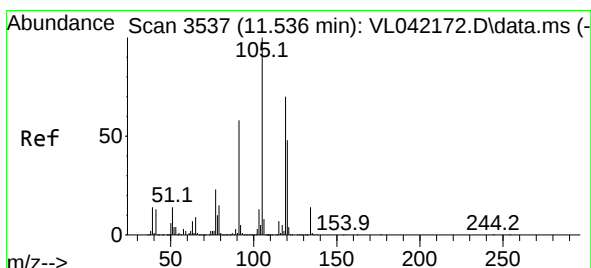
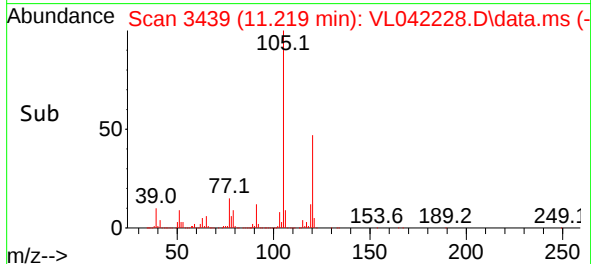
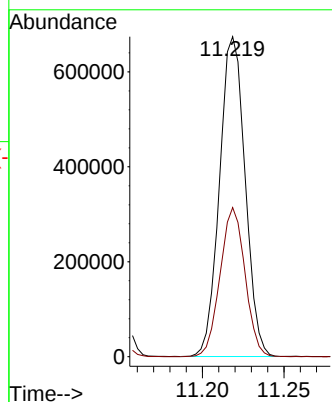
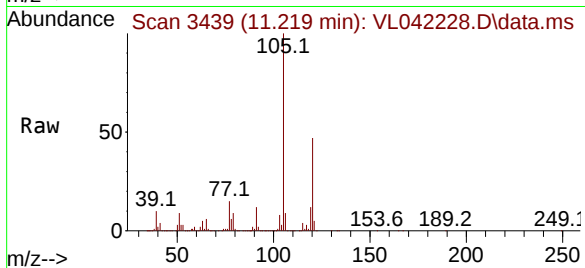
VSTDCCC010

Tgt Ion:105 Resp: 735306

Ion Ratio Lower Upper

105 100

120 46.6 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 9.935 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.016 min

Lab File: VL042228.D

Acq: 07 Apr 2025 09:31

Tgt Ion:105 Resp: 821957

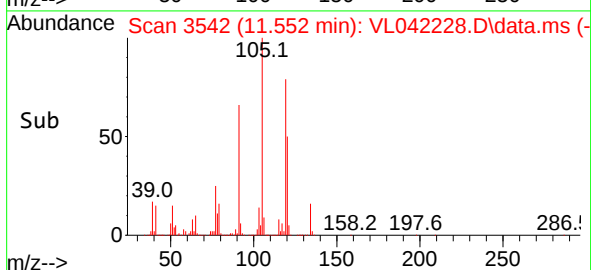
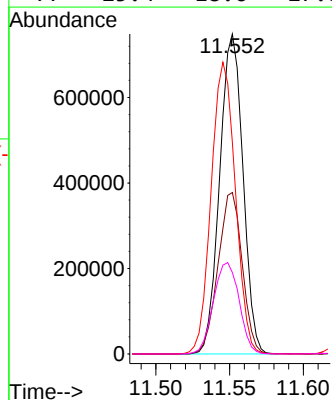
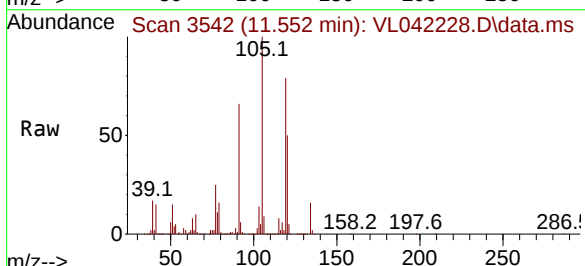
Ion Ratio Lower Upper

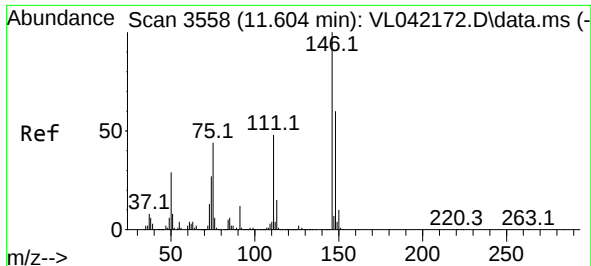
105 100

120 50.5 38.6 58.0

91 66.2 46.2 69.2

77 25.4 18.6 27.8

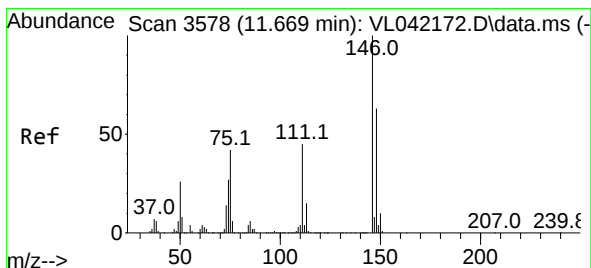
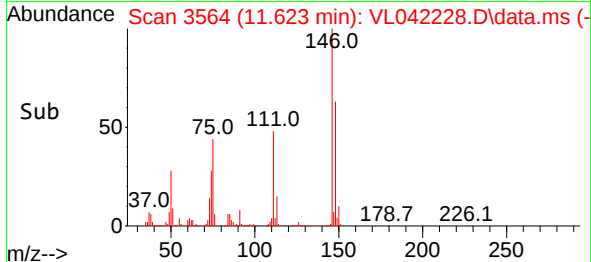
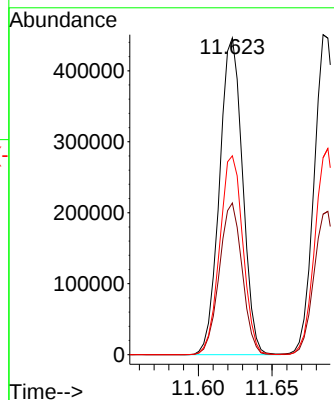
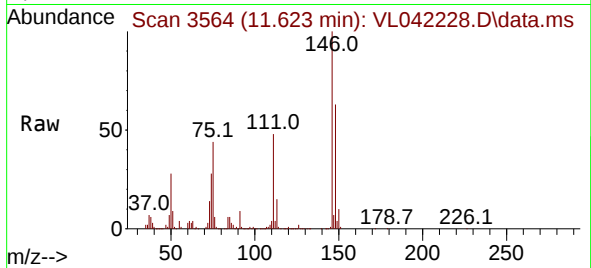




#75
1,3-Dichlorobenzene
Concen: 10.703 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

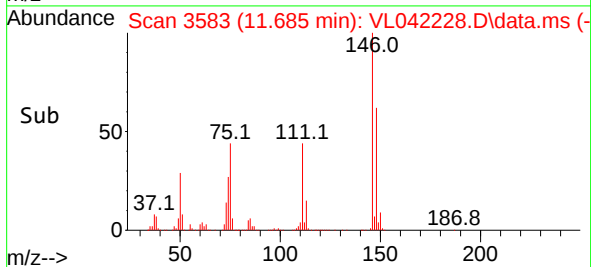
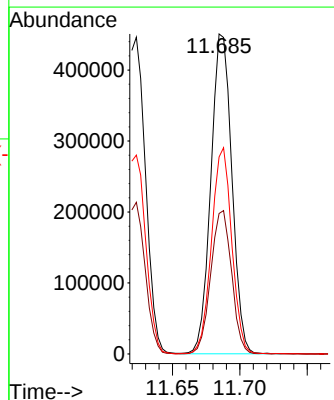
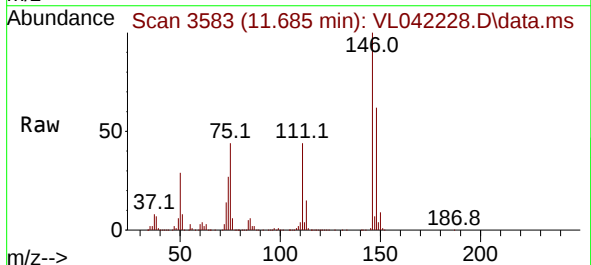
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

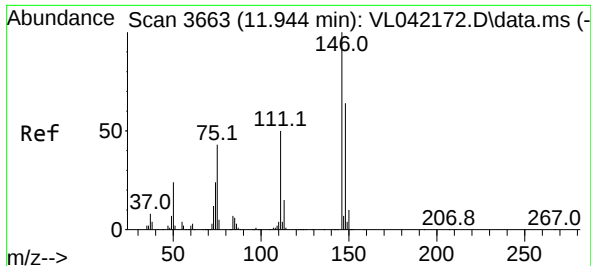
Tgt Ion:146 Resp: 485669
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.2
148 63.1 31.9 95.9



#76
1,4-Dichlorobenzene
Concen: 10.821 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:146 Resp: 488661
Ion Ratio Lower Upper
146 100
111 44.6 23.0 69.0
148 62.4 31.9 95.7

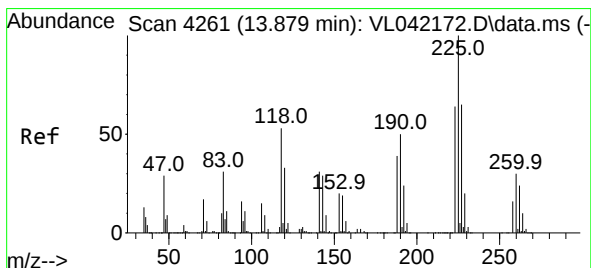
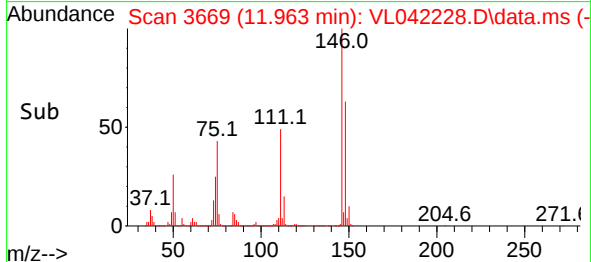
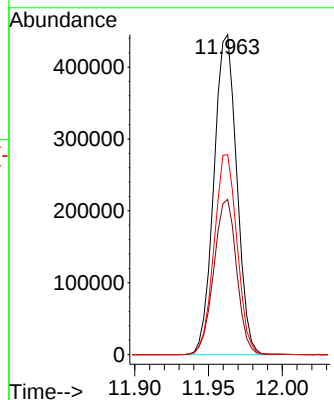
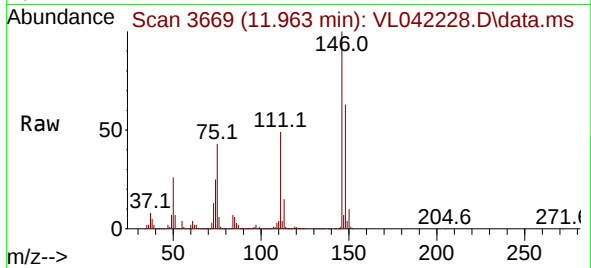




#77
1,2-Dichlorobenzene
Concen: 10.873 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.019 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

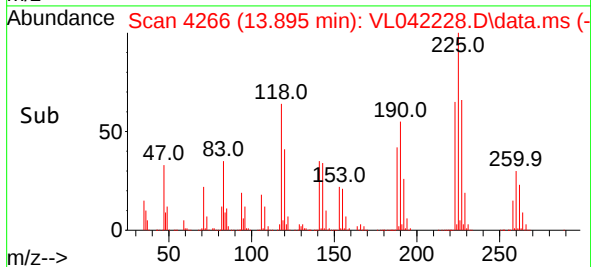
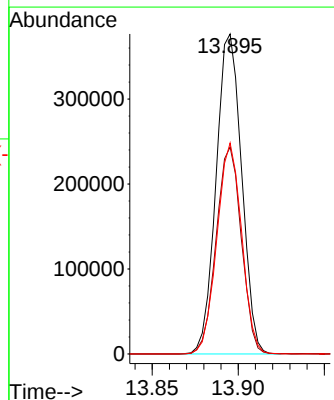
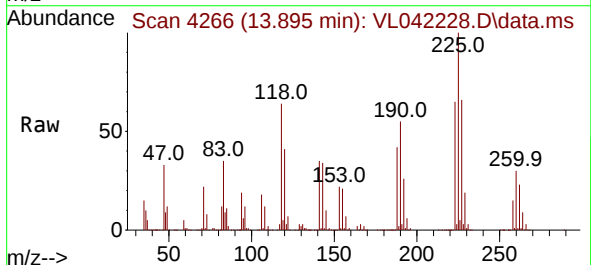
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

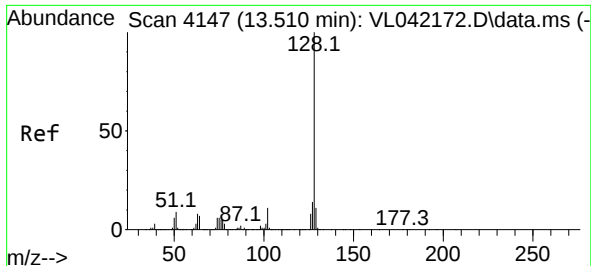
Tgt Ion:146 Resp: 480373
Ion Ratio Lower Upper
146 100
111 48.6 24.8 74.3
148 62.9 31.6 94.8



#78
Hexachloro-1,3-Butadiene
Concen: 8.646 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

Tgt Ion:225 Resp: 388827
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 63.9 51.2 76.8

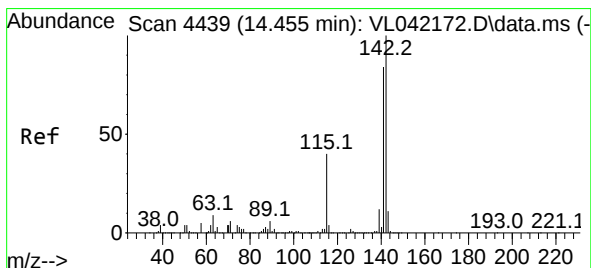
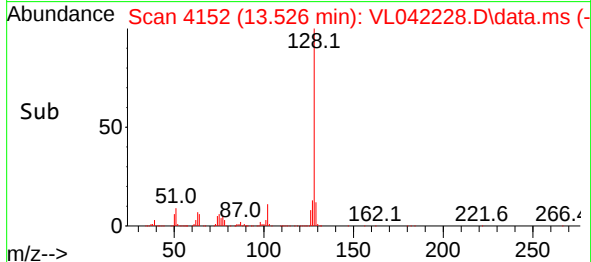
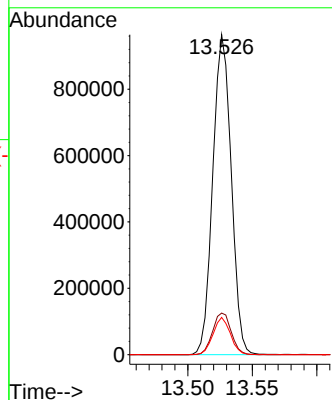
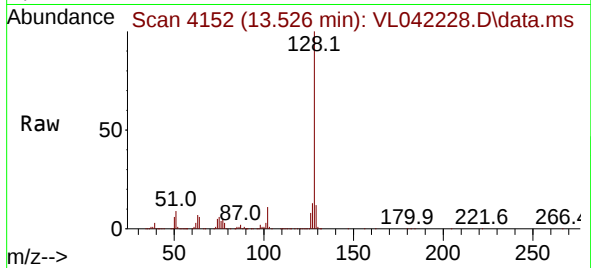




#79
Naphthalene
Concen: 10.570 ppbv
RT: 13.526 min Scan# 4147
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

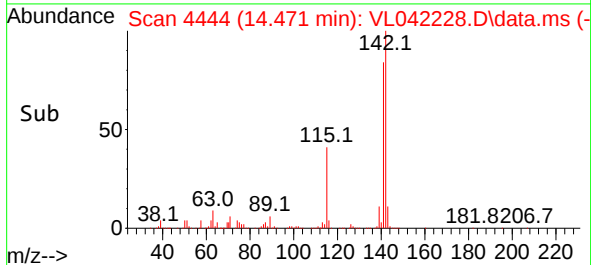
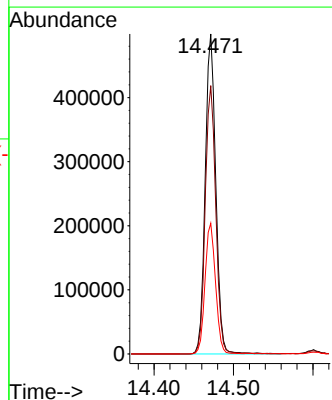
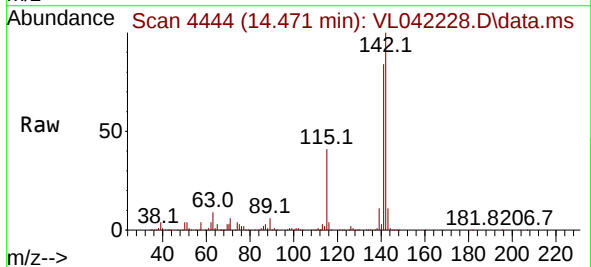
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

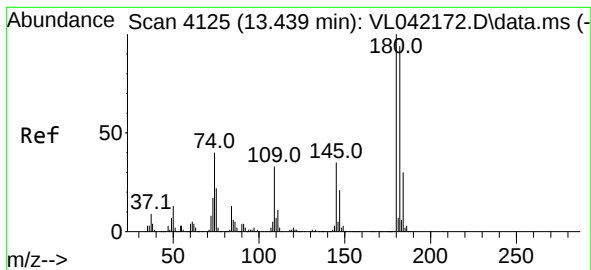
Tgt Ion:128 Resp: 956597
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.6 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 10.419 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.016 min
Lab File: VL042228.D
Acq: 07 Apr 2025 09:31

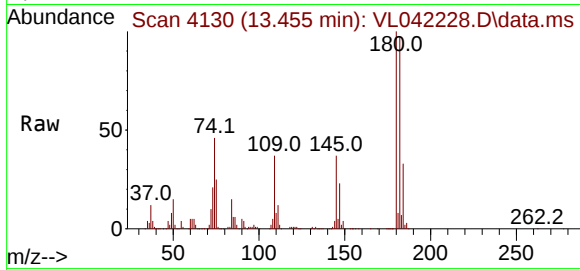
Tgt Ion:142 Resp: 462373
Ion Ratio Lower Upper
142 100
141 84.3 66.3 99.5
115 41.1 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.886 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL042228.D
 Acq: 07 Apr 2025 09:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 412677

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.1	112.7
184	31.1	24.4	36.6

