

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042689.D
 Acq On : 02 Jul 2025 08:23
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 03 01:24:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:24:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	121549	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	305681	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	274998	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	216760	10.248	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	113054	8.884	ppbv	100
3) Chlorodifluoromethane	1.479	51	169455	8.906	ppbv	100
4) Chloromethane	1.538	50	45033	9.023	ppbv	100
5) Vinyl Chloride	1.586	62	39799	7.934	ppbv	100
6) Bromomethane	1.674	94	18514	8.261	ppbv	100
7) Chloroethane	1.709	64	16324	8.475	ppbv	100
8) Dichlorotetrafluoroethane	1.560	85	90329	8.568	ppbv	100
9) Propene	1.489	41	64135	9.008	ppbv	100
10) Heptane	5.001	43	202087	10.459	ppbv	100
11) Trichlorofluoromethane	1.884	101	119888	8.936	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.146	101	94571	8.905	ppbv	100
13) Ethanol	1.725	45	4676	6.914	ppbv	100
14) Bromoethene	1.787	108	32746	8.847	ppbv	100
15) Acetone	1.842	43	93100	7.723	ppbv	100
16) 1,3-Butadiene	1.615	39	47034	8.467	ppbv	100
17) tert-Butyl alcohol	2.046	59	108342	9.213	ppbv	100
18) 1,1-Dichloroethene	2.043	96	40741	8.635	ppbv	100
19) Isopropyl Alcohol	1.894	45	60503	8.732	ppbv	100
20) Methylene Chloride	2.068	84	34637	7.514	ppbv	100
21) Allyl Chloride	2.104	41	77114	9.171	ppbv	100
22) trans-1,2-Dichloroethene	2.350	96	45122	8.780	ppbv	100
23) Vinyl Acetate	2.470	43	216251	11.085	ppbv	100
24) 1,1-Dichloroethane	2.418	63	93547	8.806	ppbv	100
25) Ethyl Acetate	2.845	43	353206	9.686	ppbv	100
26) Hexane	2.836	57	148490	9.760	ppbv	100
27) Carbon Disulfide	2.159	76	114223	9.206	ppbv	100
28) Methyl tert-Butyl Ether	2.450	73	62430	10.029	ppbv	100
29) Chloroform	2.858	83	203528	8.856	ppbv	100
30) Cyclohexane	3.871	84	116132	10.102	ppbv	100
31) cis-1,2-Dichloroethene	2.732	61	138516	9.566	ppbv	100
32) 1,1,1-Trichloroethane	3.383	97	188105	8.565	ppbv	100
34) 2-Butanone	2.567	43	227587	9.407	ppbv	100
35) Carbon Tetrachloride	3.777	117	189434	8.935	ppbv	100
36) Benzene	3.671	78	294950	9.573	ppbv	100
37) 1,2-Dichloroethane	3.230	62	150635	9.206	ppbv	100
38) Trichloroethene	4.567	130	115839	8.702	ppbv	100
39) 1,2-Dichloropropane	4.331	63	109807	9.134	ppbv	100
40) 1,4-Dioxane	4.603	88	25726	5.569	ppbv #	33
41) Tetrahydrofuran	3.065	42	127174	10.315	ppbv	100
42) Bromodichloromethane	4.509	83	219936	9.490	ppbv	100
43) Methyl Methacrylate	4.901	69	108301	10.946	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	520537	10.125	ppbv	100
45) t-1,3-Dichloropropene	6.441	75	113519	10.918	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042689.D
 Acq On : 02 Jul 2025 08:23
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

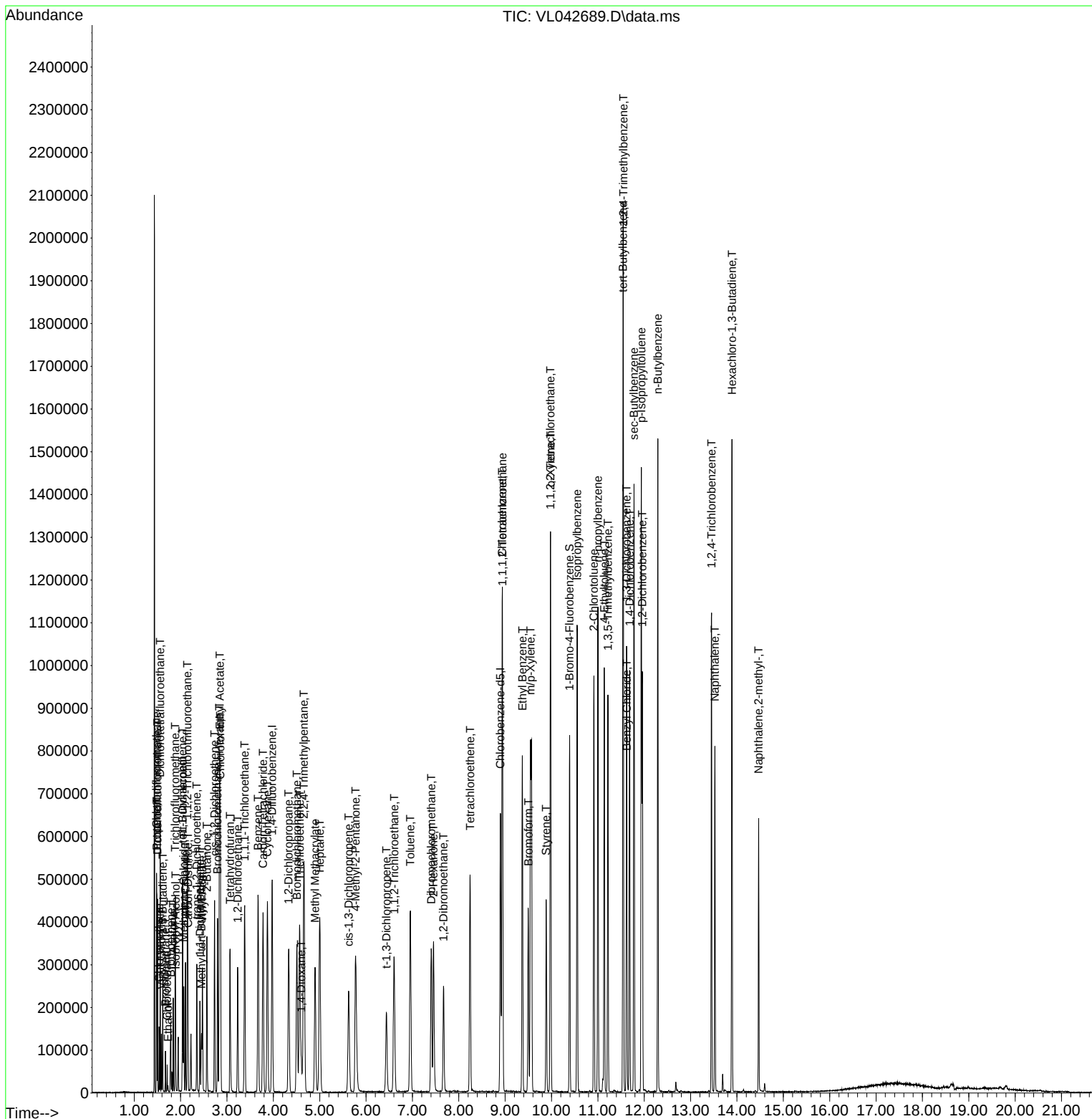
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

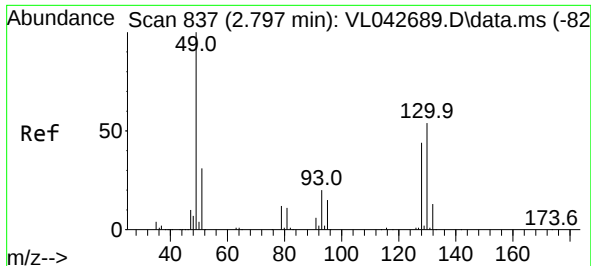
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:24:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.626	75	151004	10.525	ppbv	100
47) 1,1,2-Trichloroethane	6.606	97	112381	9.497	ppbv	100
48) Dibromochloromethane	7.406	129	175681	9.695	ppbv	100
49) Bromoform	9.500	173	154598	9.878	ppbv	100
50) 4-Methyl-2-Pentanone	5.774	43	304838	10.779	ppbv	100
51) 2-Hexanone	7.454	43	242187	11.723	ppbv	100
52) Tetrachloroethene	8.244	164	95960	9.286	ppbv	100
53) Toluene	6.956	91	316330	10.996	ppbv	100
54) 1,2-Dibromoethane	7.671	107	160587	9.724	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.943	131	131624	8.852	ppbv	100
57) Chlorobenzene	8.937	112	246807	8.946	ppbv	100
58) Ethyl Benzene	9.370	91	437123	10.992	ppbv	100
59) m/p-Xylene	9.548	91	339158	10.177	ppbv #	22
60) o-Xylene	9.979	91	348790	10.644	ppbv	100
61) Styrene	9.885	104	150633	11.702	ppbv	100
62) Isopropylbenzene	10.552	105	507546	10.262	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	225039	8.918	ppbv	100
64) n-propylbenzene	11.002	120	133873	10.572	ppbv	100
65) tert-Butylbenzene	11.542	119	437623	10.337	ppbv	100
66) Benzyl Chloride	11.626	91	44118	10.756	ppbv	100
67) sec-Butylbenzene	11.778	105	636845	9.820	ppbv	100
69) p-Isopropyltoluene	11.937	119	526956	10.209	ppbv	100
70) n-Butylbenzene	12.293	91	544456	10.470	ppbv	100
71) 2-Chlorotoluene	10.914	91	386204	10.555	ppbv	100
72) 4-Ethyltoluene	11.138	105	431817	10.800	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	358173	10.625	ppbv	100
74) 1,2,4-Trimethylbenzene	11.549	105	392374	10.203	ppbv	100
75) 1,3-Dichlorobenzene	11.620	146	249683	9.254	ppbv	100
76) 1,4-Dichlorobenzene	11.685	146	245671	9.594	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	238600	8.754	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	167444	7.888	ppbv	100
79) Naphthalene	13.523	128	381414	11.964	ppbv	100
80) Naphthalene,2-methyl-	14.468	142	170730	12.807	ppbv	100
81) 1,2,4-Trichlorobenzene	13.452	180	191399	10.233	ppbv	100

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

Quant Time: Jul 03 01:24:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
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Response via : Initial Calibration

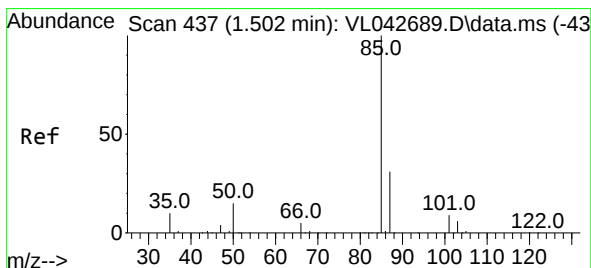
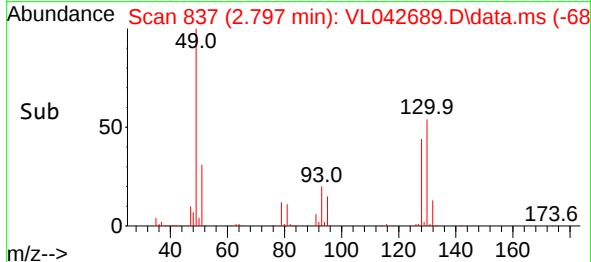
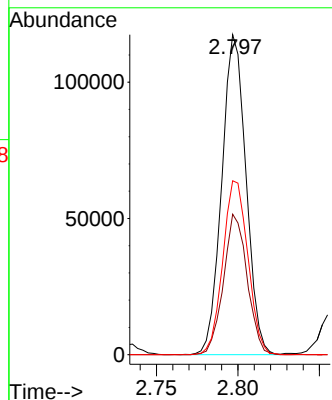
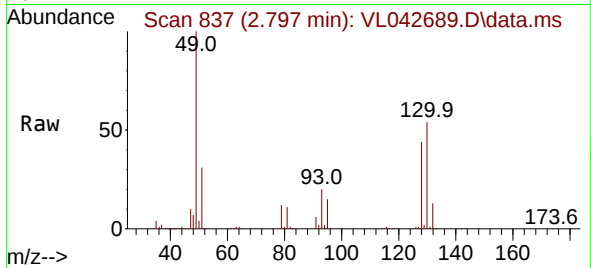




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

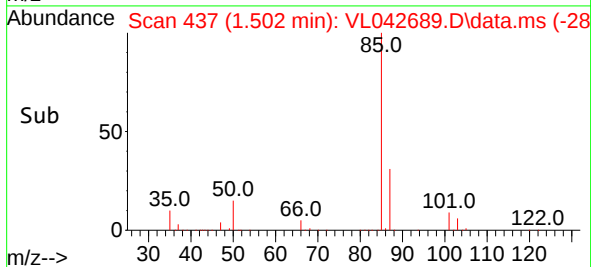
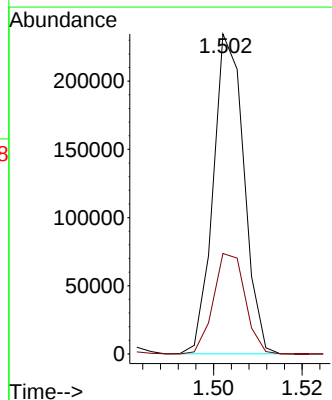
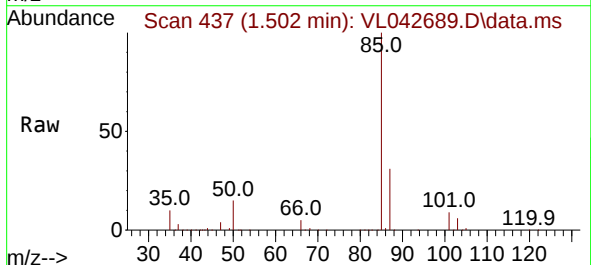
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

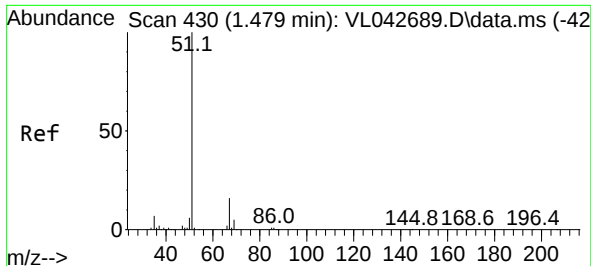
Tgt Ion: 49 Resp: 121549
Ion Ratio Lower Upper
49 100
128 42.8 21.4 64.2
130 56.0 28.0 84.0



#2
Dichlorodifluoromethane
Concen: 8.884 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 85 Resp: 113054
Ion Ratio Lower Upper
85 100
87 31.4 25.1 37.7

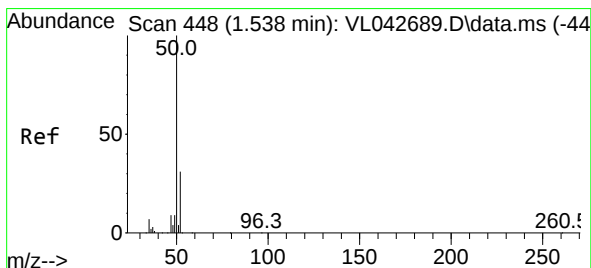
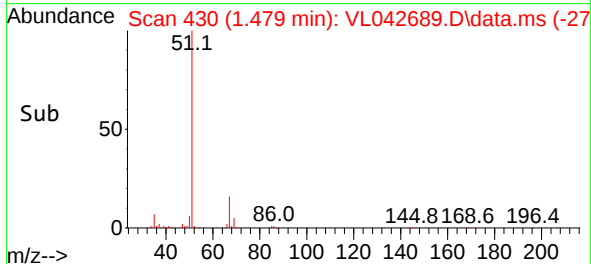
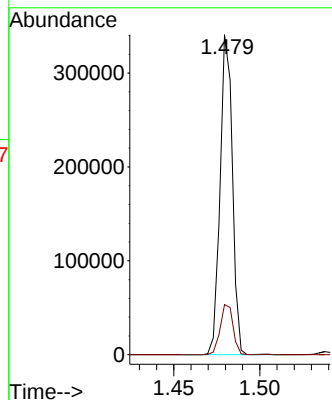
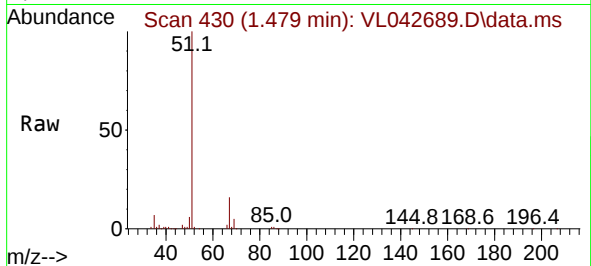




#3
Chlorodifluoromethane
Concen: 8.906 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

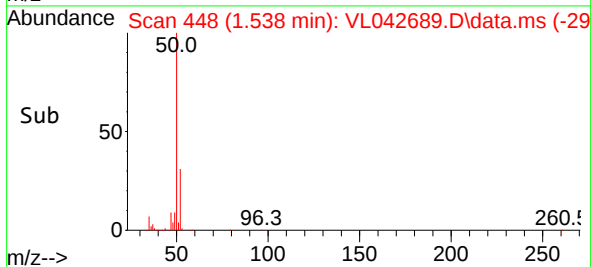
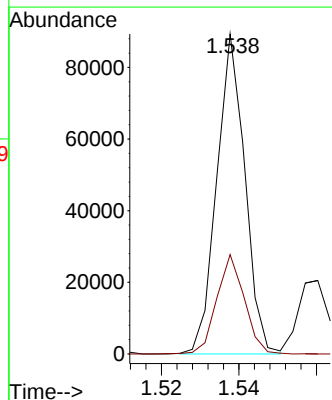
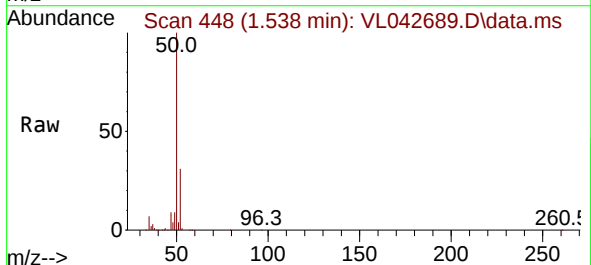
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

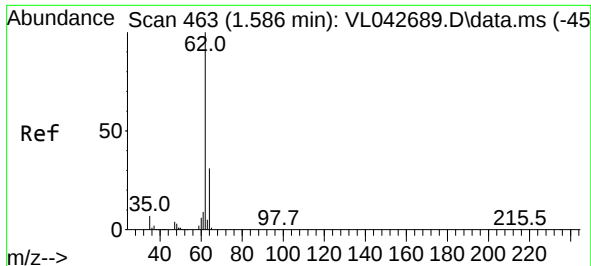
Tgt Ion: 51 Resp: 169455
Ion Ratio Lower Upper
51 100
67 16.4 13.1 19.7



#4
Chloromethane
Concen: 9.023 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 50 Resp: 45033
Ion Ratio Lower Upper
50 100
52 31.0 24.8 37.2

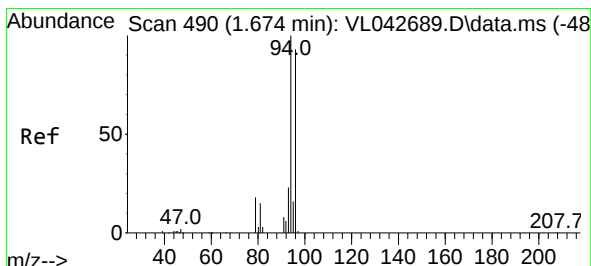
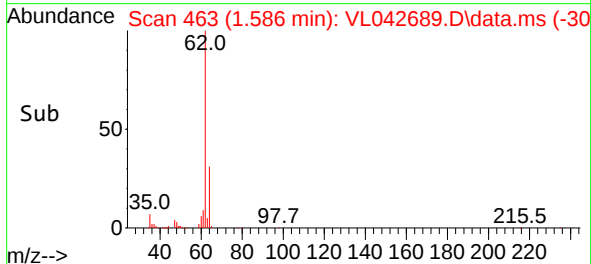
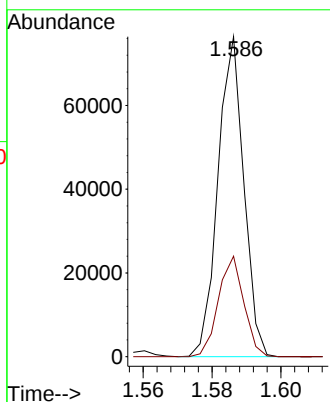
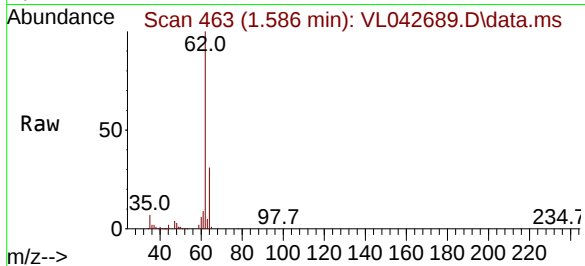




#5
 Vinyl Chloride
 Concen: 7.934 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

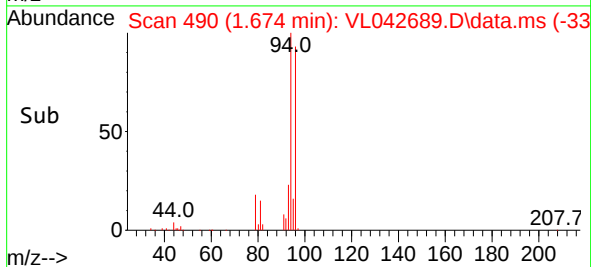
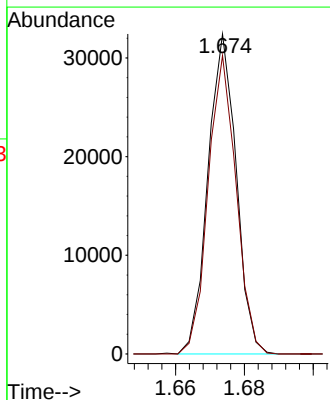
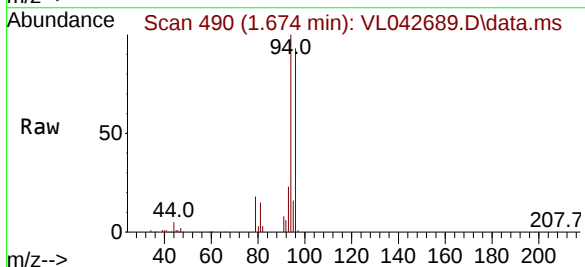
Instrument :
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 ClientSampleId :
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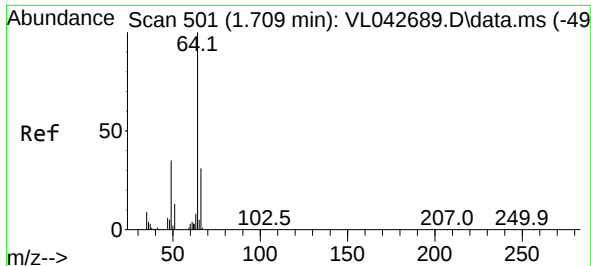
Tgt Ion: 62 Resp: 39799
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.1 37.7



#6
 Bromomethane
 Concen: 8.261 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 94 Resp: 18514
 Ion Ratio Lower Upper
 94 100
 96 93.3 74.6 112.0

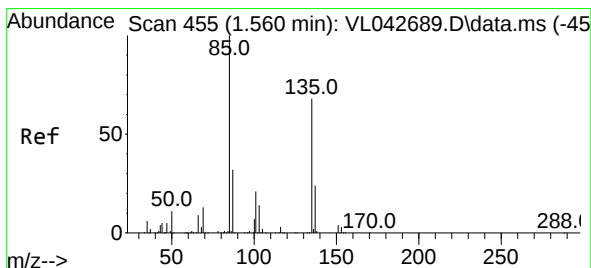
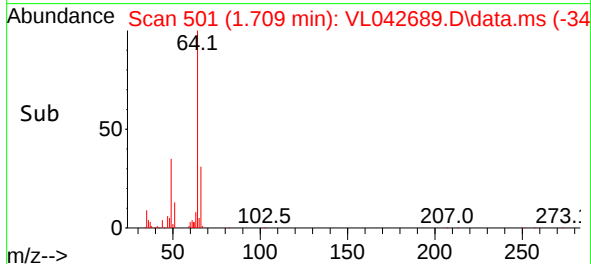
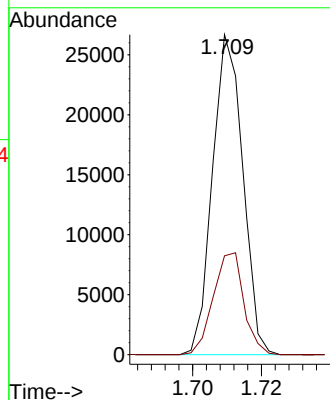
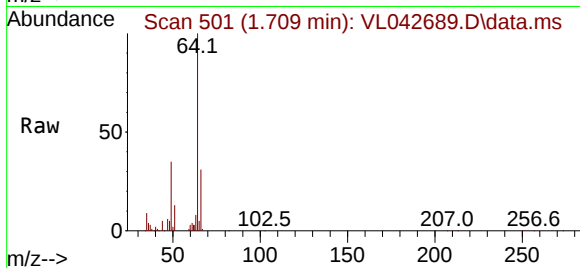




#7
Chloroethane
Concen: 8.475 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

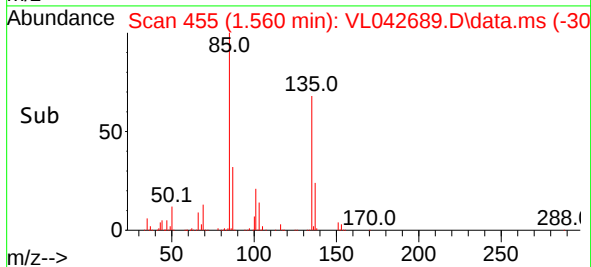
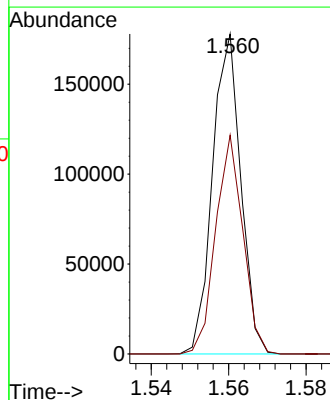
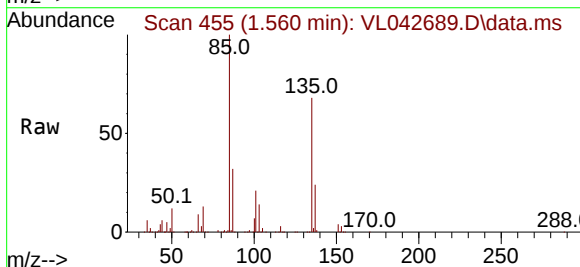
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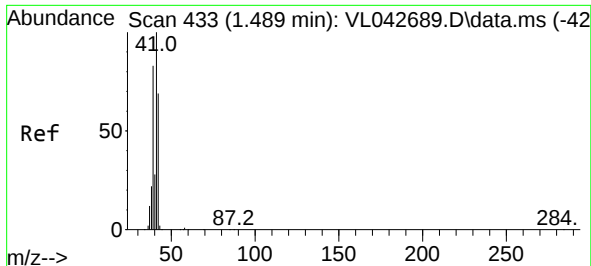
Tgt Ion: 64 Resp: 16324
Ion Ratio Lower Upper
64 100
66 30.9 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 8.568 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 85 Resp: 90329
Ion Ratio Lower Upper
85 100
135 65.8 52.6 79.0





#9

Propene

Concen: 9.008 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

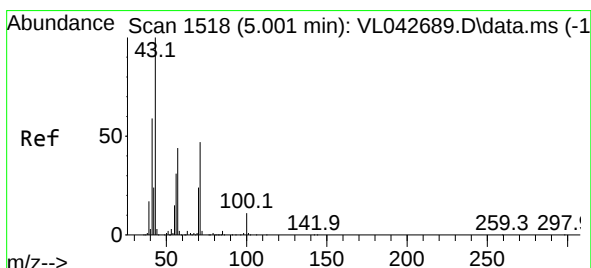
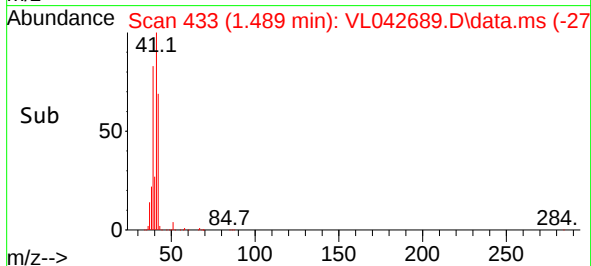
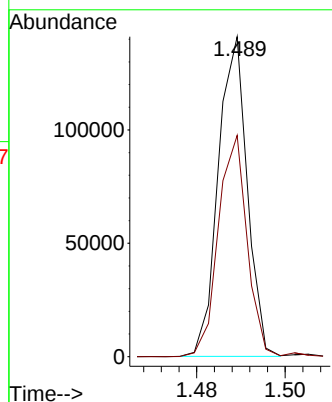
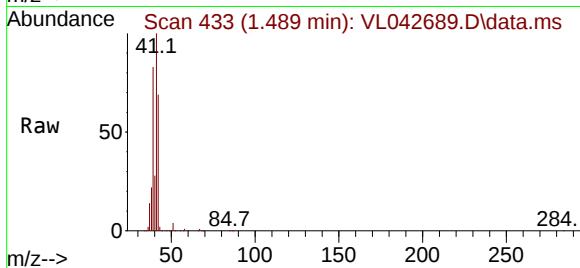
VSTDICCC010

Tgt Ion: 41 Resp: 64135

Ion Ratio Lower Upper

41 100

42 69.5 55.6 83.4



#10

Heptane

Concen: 10.459 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VL042689.D

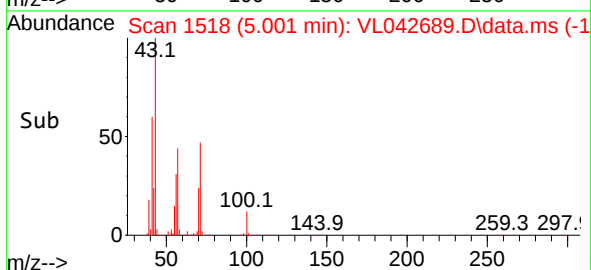
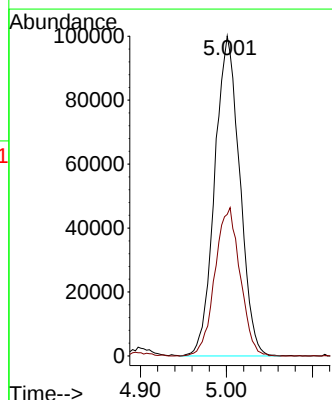
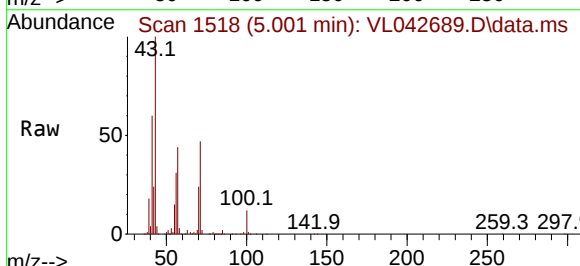
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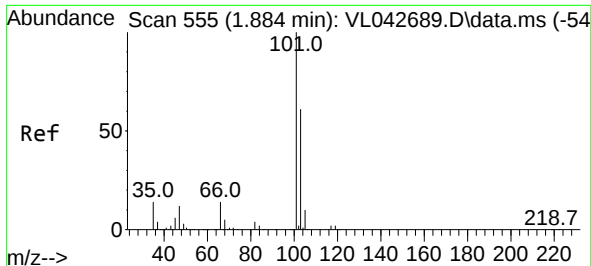
Tgt Ion: 43 Resp: 202087

Ion Ratio Lower Upper

43 100

57 46.7 37.4 56.0

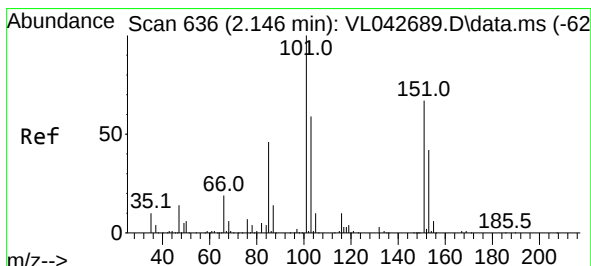
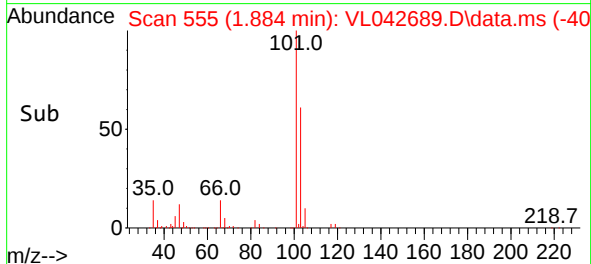
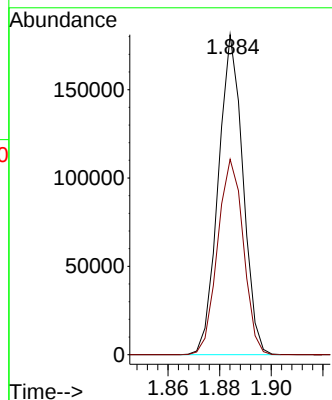
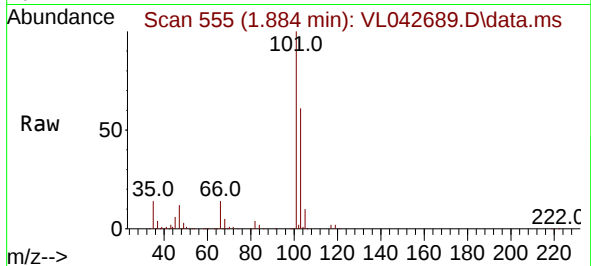




#11
 Trichlorofluoromethane
 Concen: 8.936 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

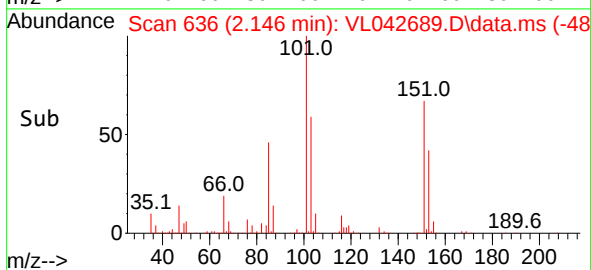
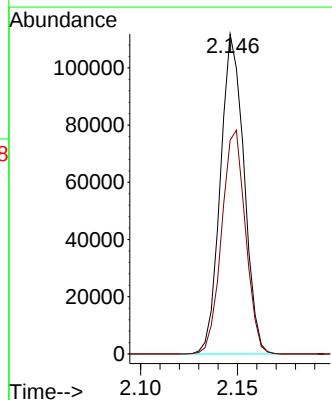
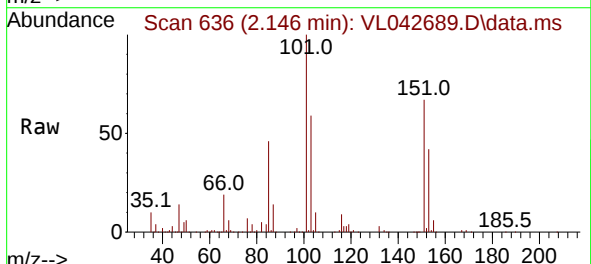
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

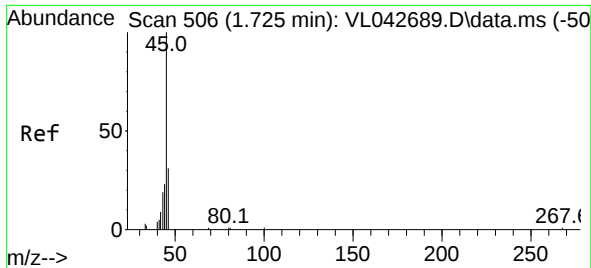
Tgt Ion:101 Resp: 119888
 Ion Ratio Lower Upper
 101 100
 103 61.1 48.9 73.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.905 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion:101 Resp: 94571
 Ion Ratio Lower Upper
 101 100
 151 70.7 56.6 84.8

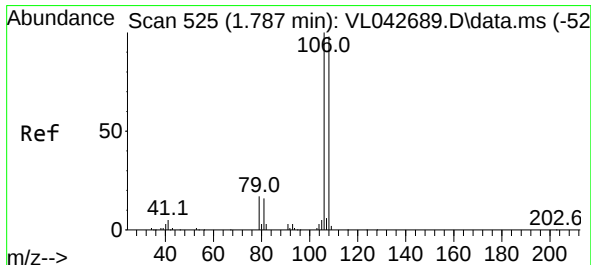
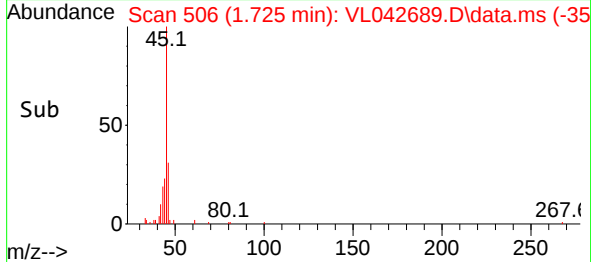
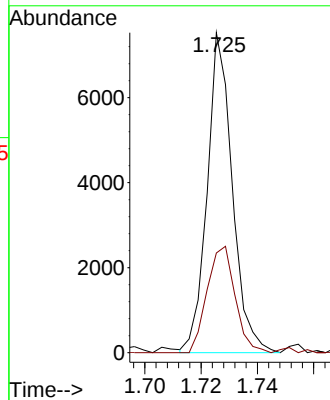
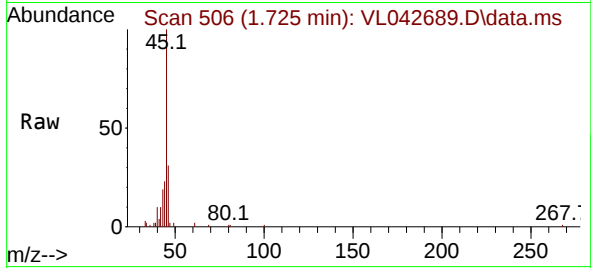




#13
Ethanol
Concen: 6.914 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

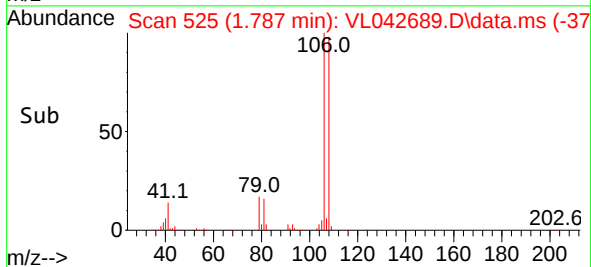
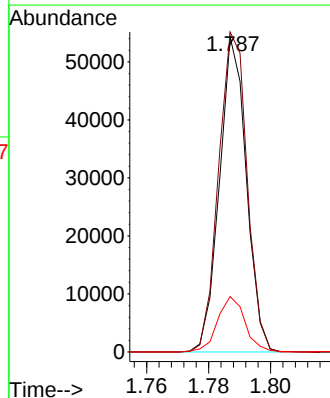
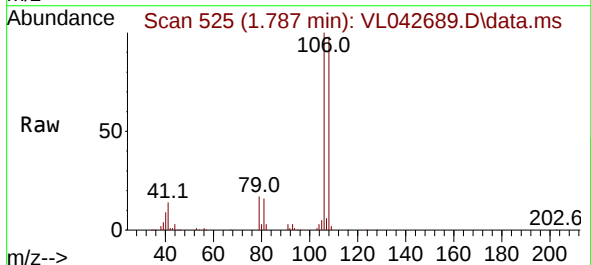
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

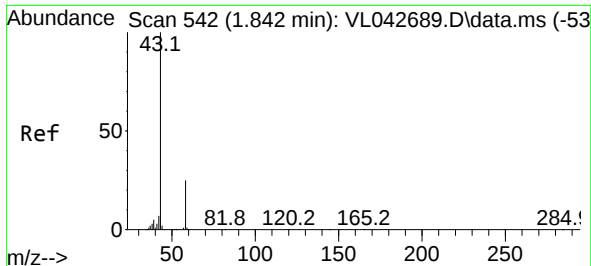
Tgt Ion: 45 Resp: 4676
Ion Ratio Lower Upper
45 100
46 38.0 15.2 60.8



#14
Bromoethene
Concen: 8.847 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 108 Resp: 32746
Ion Ratio Lower Upper
108 100
106 107.4 85.9 128.9
79 18.1 14.5 21.7

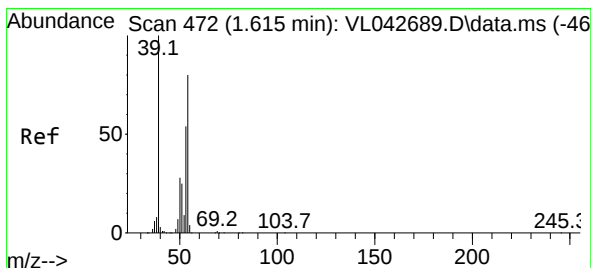
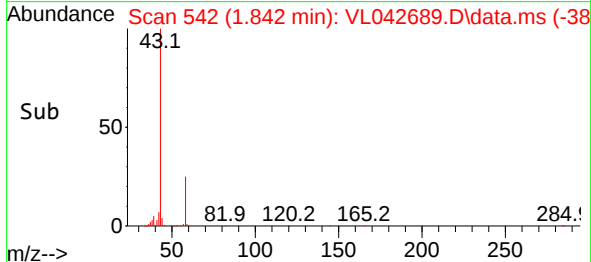
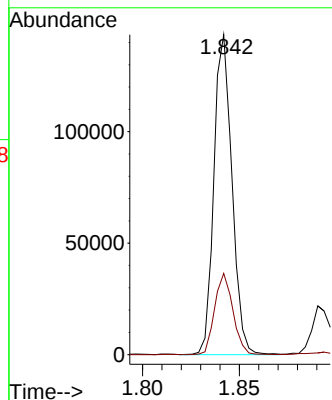
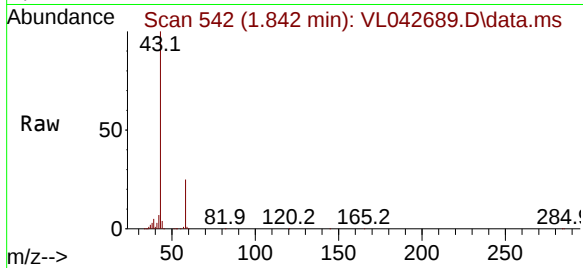




#15
Acetone
Concen: 7.723 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

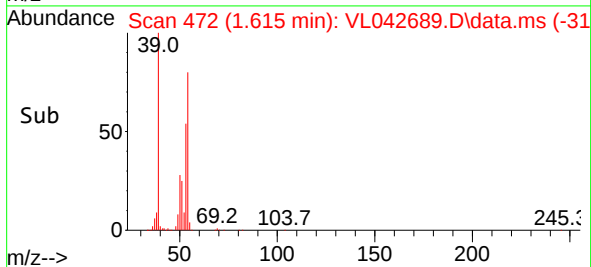
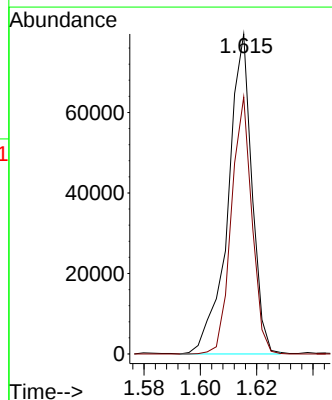
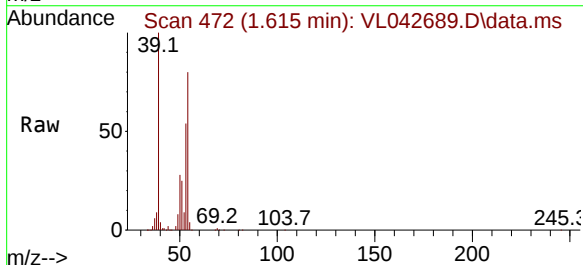
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

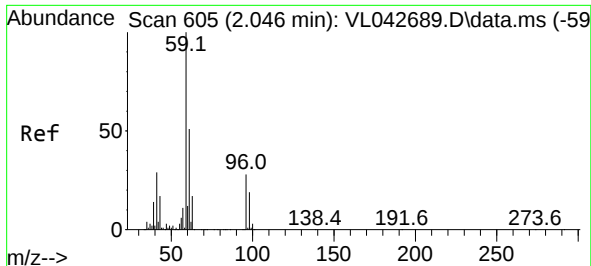
Tgt Ion: 43 Resp: 93100
Ion Ratio Lower Upper
43 100
58 25.8 20.6 31.0



#16
1,3-Butadiene
Concen: 8.467 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 39 Resp: 47034
Ion Ratio Lower Upper
39 100
54 68.6 54.9 82.3





#17

tert-Butyl alcohol

Concen: 9.213 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

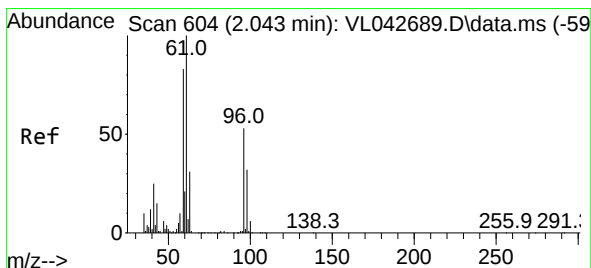
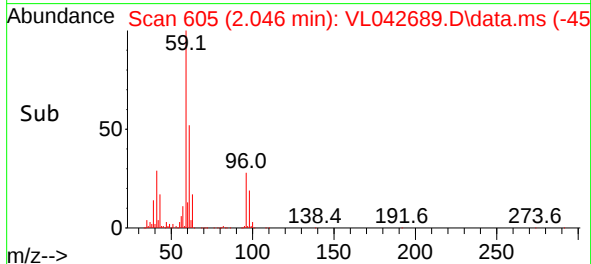
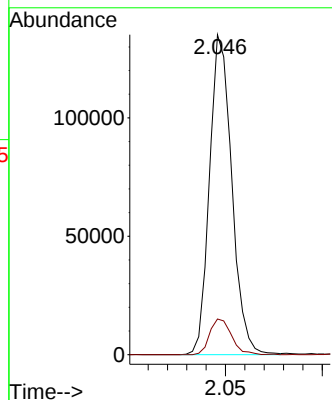
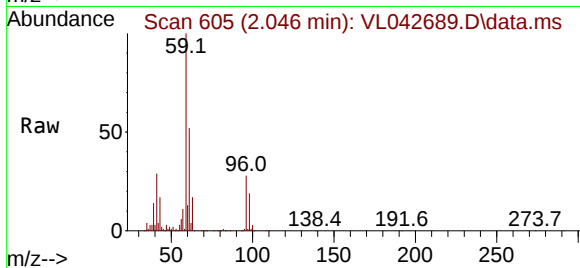
VSTDICCC010

Tgt Ion: 59 Resp: 108342

Ion Ratio Lower Upper

59 100

57 11.0 8.8 13.2



#18

1,1-Dichloroethene

Concen: 8.635 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

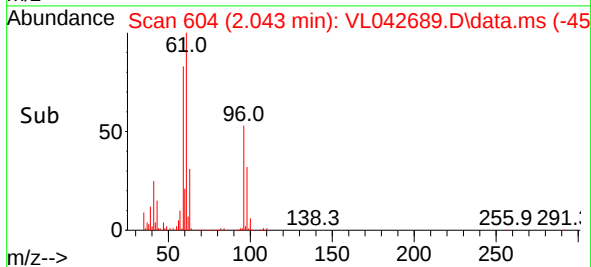
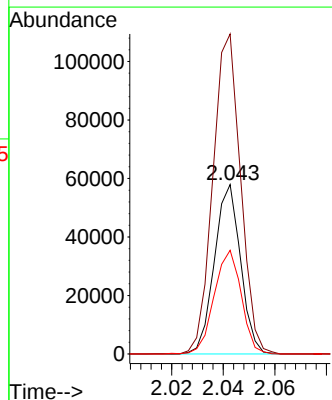
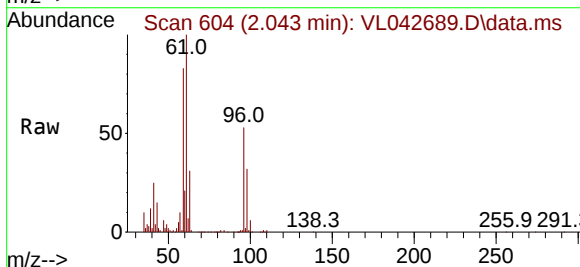
Tgt Ion: 96 Resp: 40741

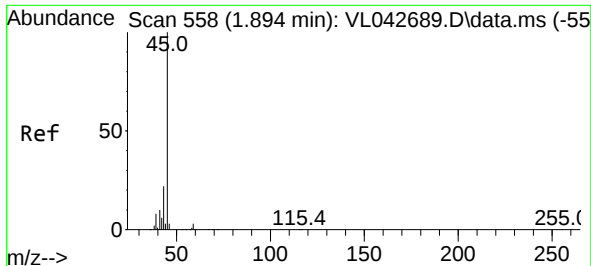
Ion Ratio Lower Upper

96 100

61 188.8 151.0 226.6

98 61.2 49.0 73.4

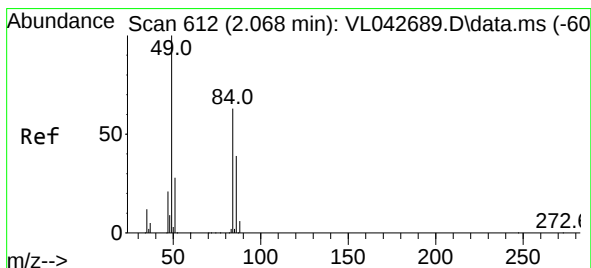
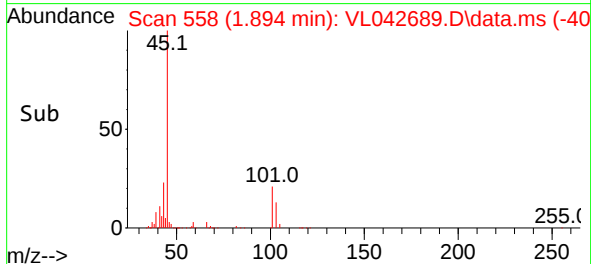
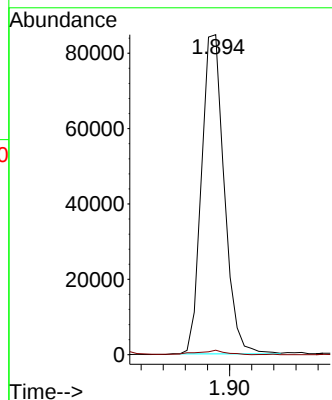
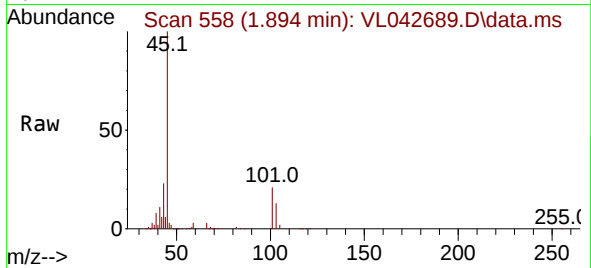




#19
Isopropyl Alcohol
Concen: 8.732 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

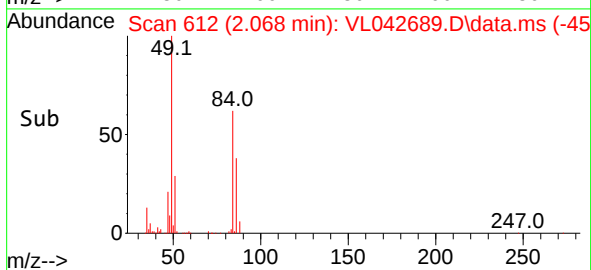
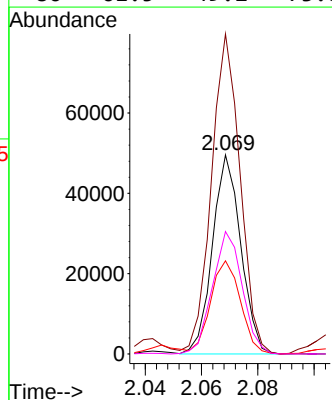
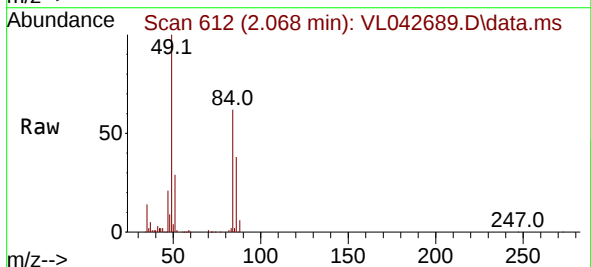
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

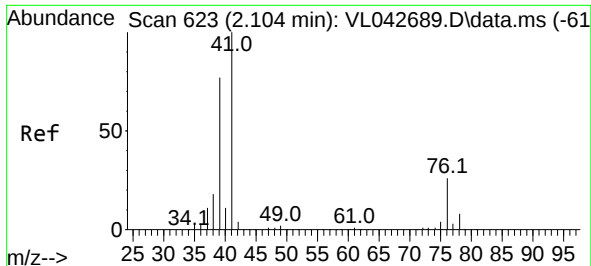
Tgt Ion: 45 Resp: 60503
Ion Ratio Lower Upper
45 100
58 1.8 1.4 2.2



#20
Methylene Chloride
Concen: 7.514 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 84 Resp: 34637
Ion Ratio Lower Upper
84 100
49 160.8 128.6 193.0
51 46.8 37.4 56.2
86 61.5 49.2 73.8

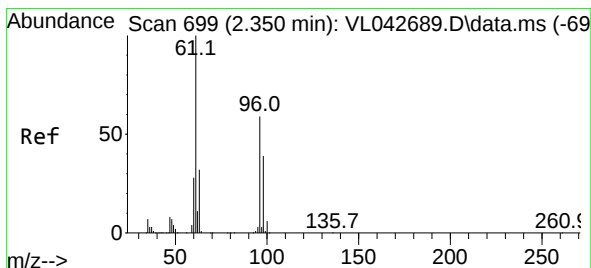
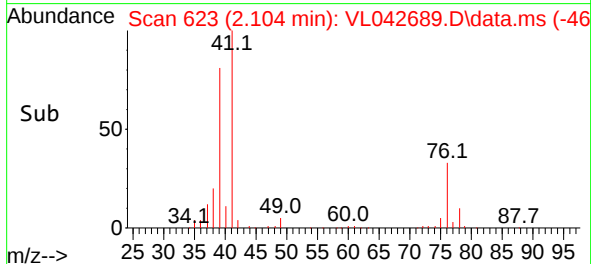
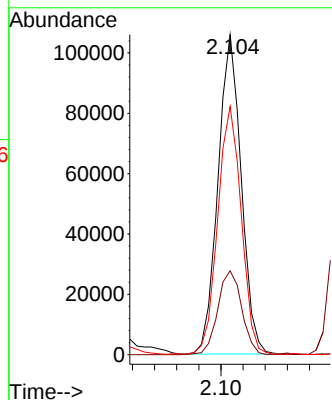
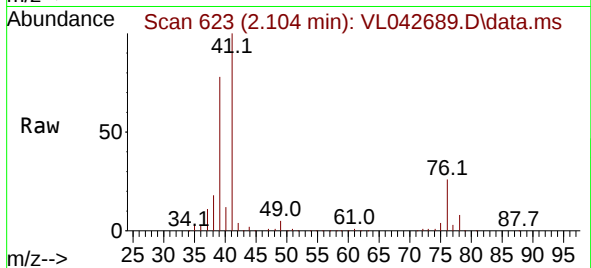




#21
 Allyl Chloride
 Concen: 9.171 ppbv
 RT: 2.104 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

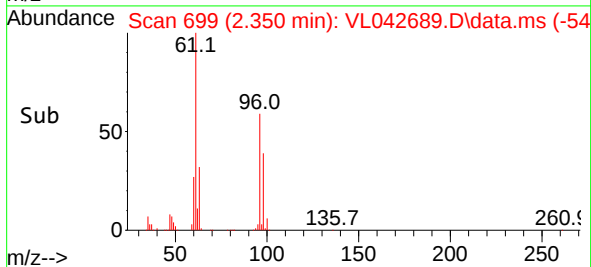
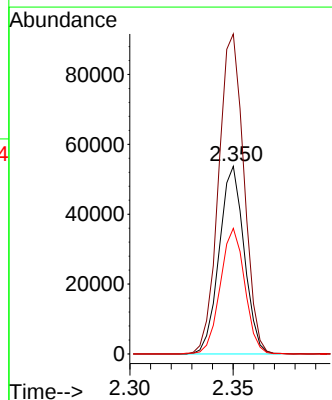
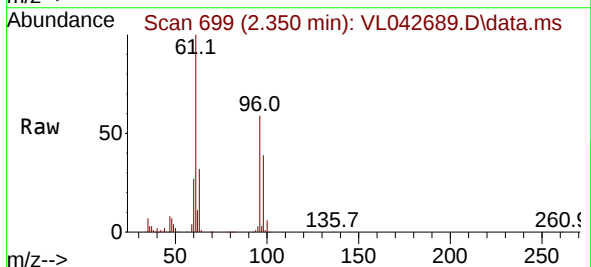
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

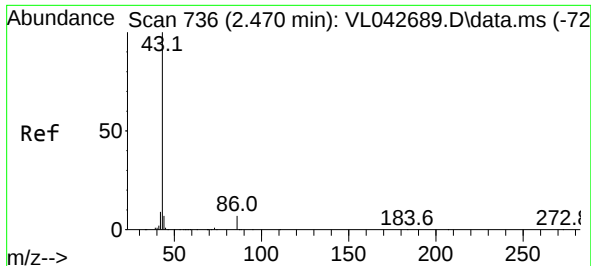
Tgt Ion: 41 Resp: 77114
 Ion Ratio Lower Upper
 41 100
 76 27.1 21.7 32.5
 39 79.3 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.780 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 96 Resp: 45122
 Ion Ratio Lower Upper
 96 100
 61 170.6 136.5 204.7
 98 66.9 53.5 80.3



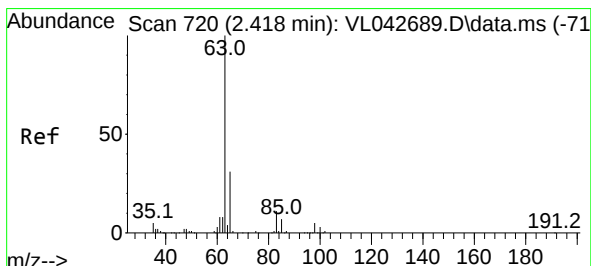
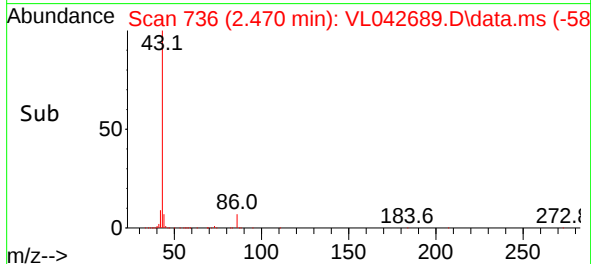
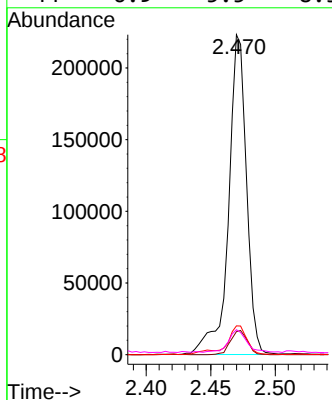
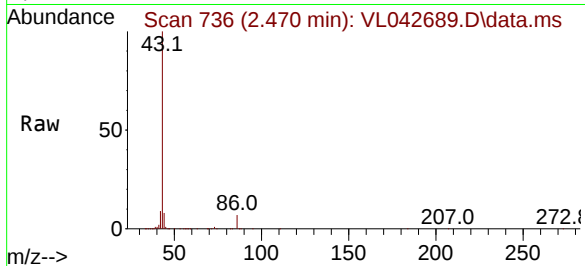


#23
 Vinyl Acetate
 Concen: 11.085 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 216251

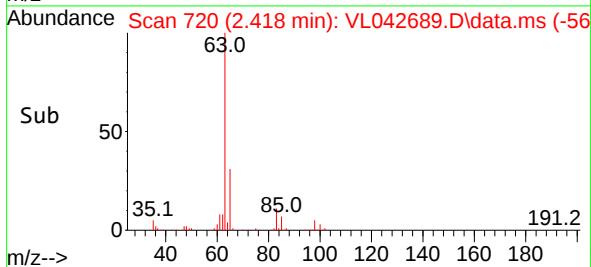
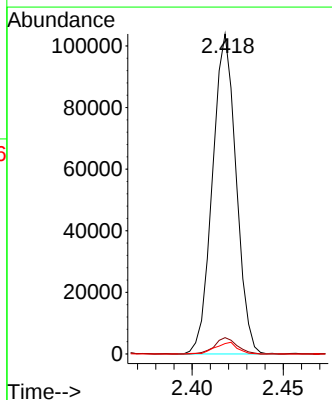
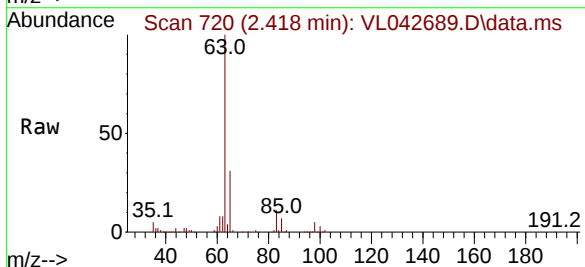
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.8	8.6
42	9.0	7.2	10.8
44	6.9	5.5	8.3

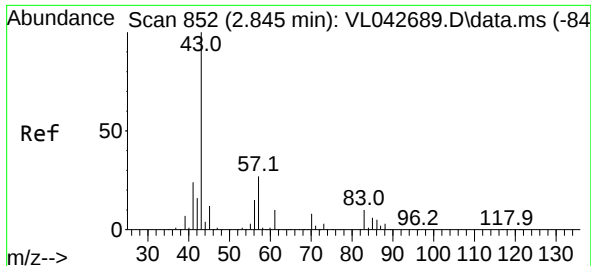


#24
 1,1-Dichloroethane
 Concen: 8.806 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 63 Resp: 93547

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.5	7.6
100	3.3	1.7	5.0



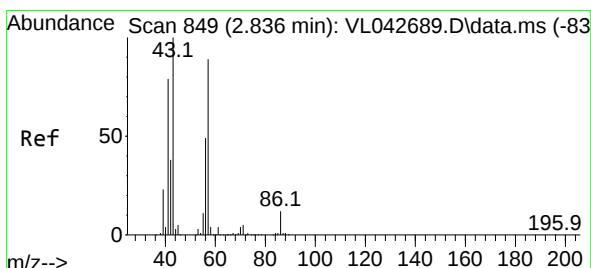
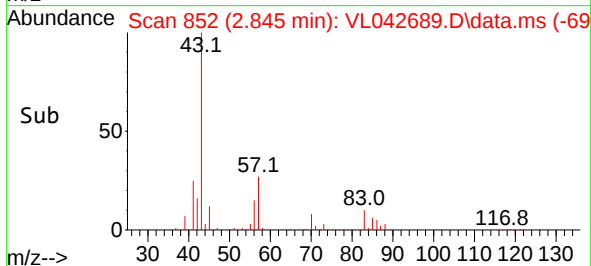
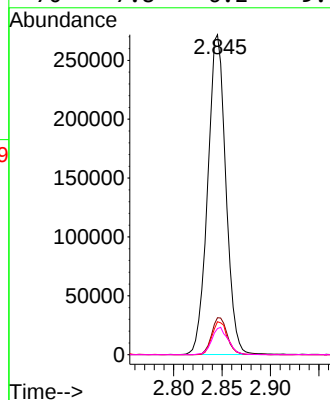
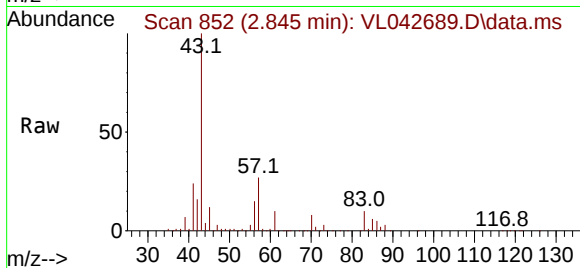


#25
Ethyl Acetate
Concen: 9.686 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 353206

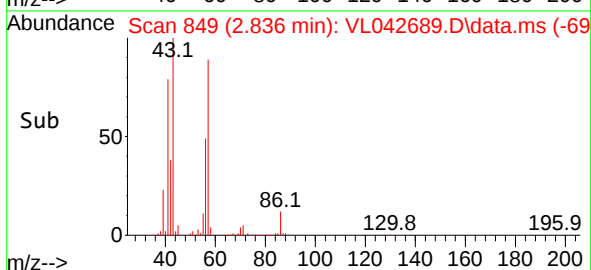
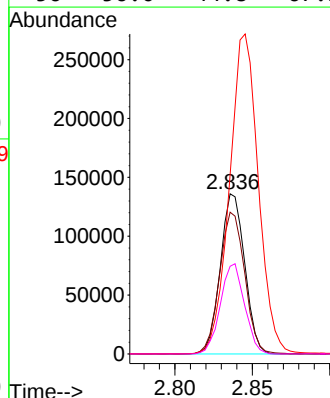
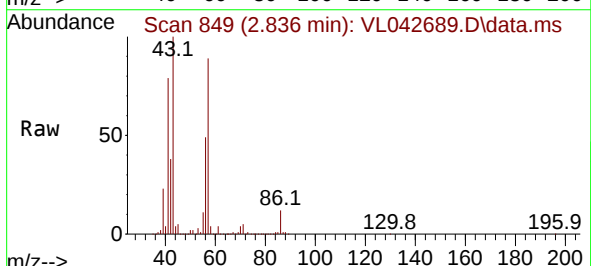
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	8.8	7.0	10.6
70	7.8	6.2	9.4

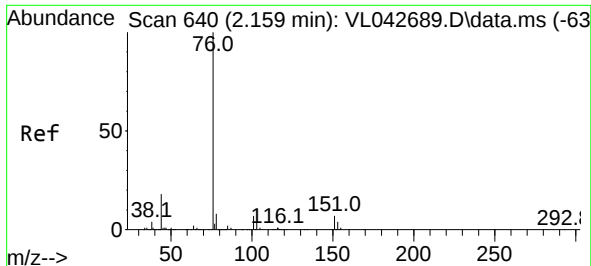


#26
Hexane
Concen: 9.760 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 57 Resp: 148490

Ion	Ratio	Lower	Upper
57	100		
41	92.1	73.7	110.5
43	238.2	190.6	285.8
56	56.0	44.8	67.2

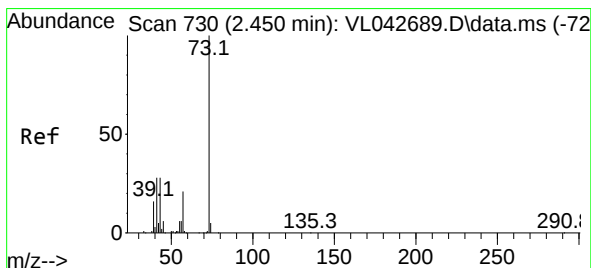
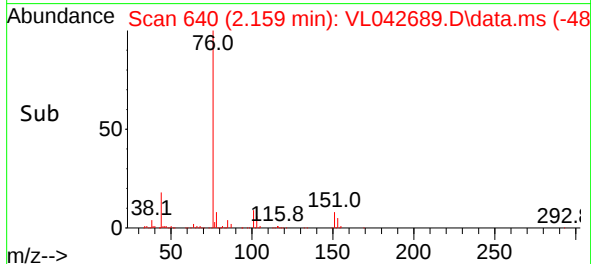
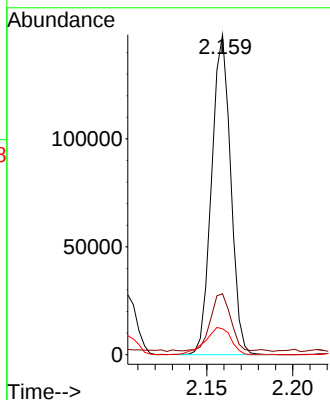
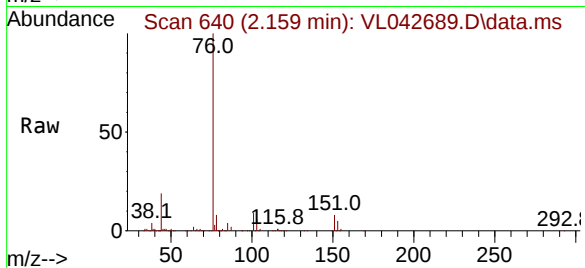




#27
Carbon Disulfide
Concen: 9.206 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

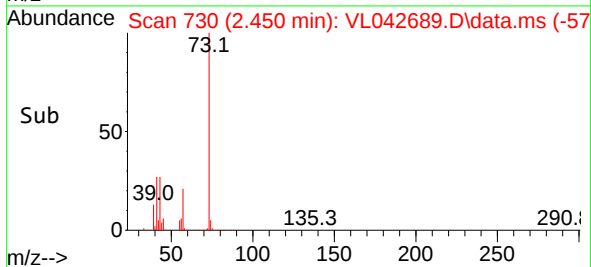
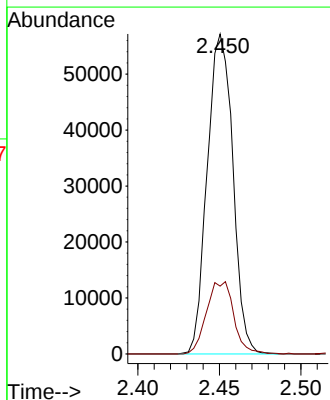
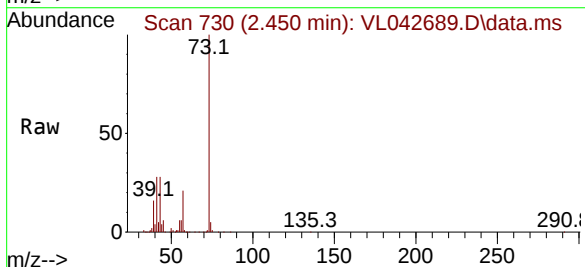
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

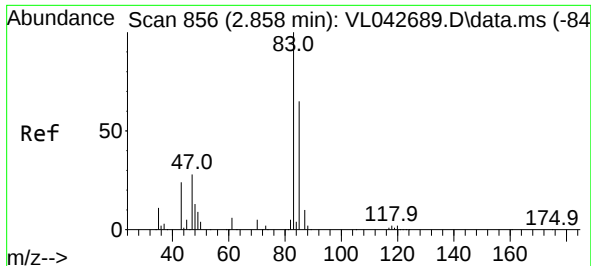
Tgt Ion: 76 Resp: 114223
Ion Ratio Lower Upper
76 100
44 19.5 15.6 23.4
78 11.5 9.2 13.8



#28
Methyl tert-Butyl Ether
Concen: 10.029 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 73 Resp: 62430
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9

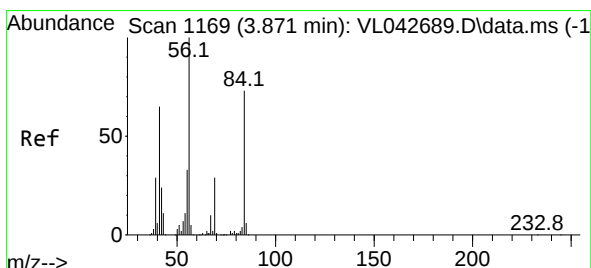
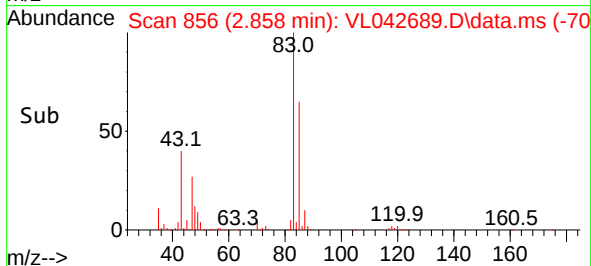
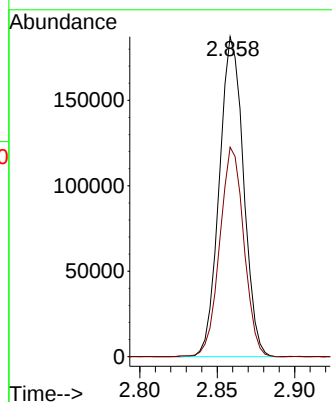
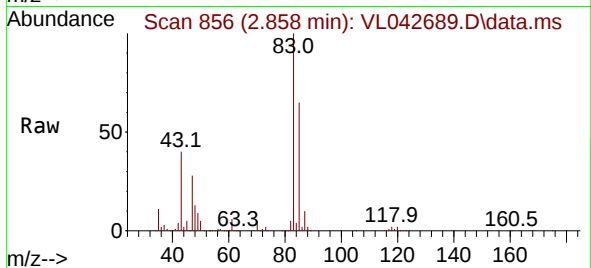




#29
Chloroform
Concen: 8.856 ppbv
RT: 2.858 min Scan# 856
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

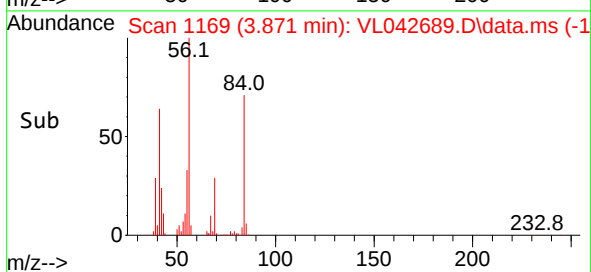
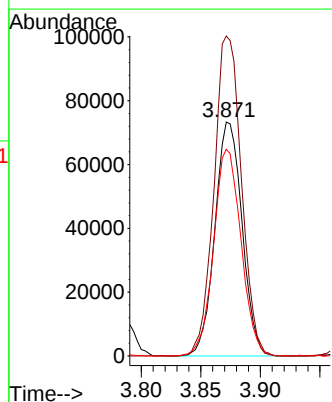
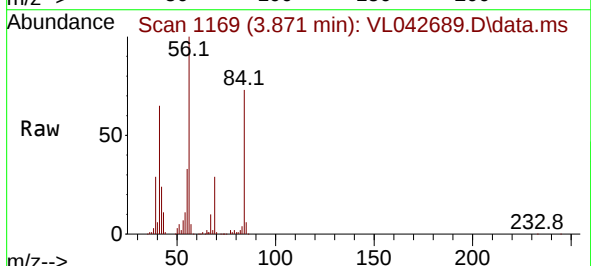
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

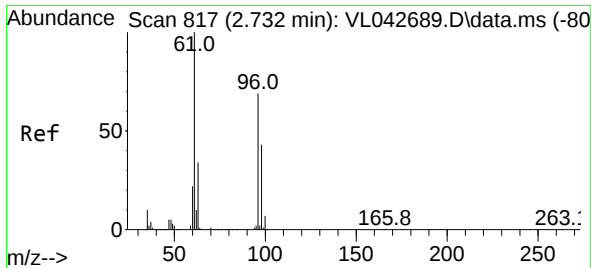
Tgt Ion: 83 Resp: 203528
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



#30
Cyclohexane
Concen: 10.102 ppbv
RT: 3.871 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 84 Resp: 116132
Ion Ratio Lower Upper
84 100
56 138.0 110.4 165.6
41 89.2 71.4 107.0

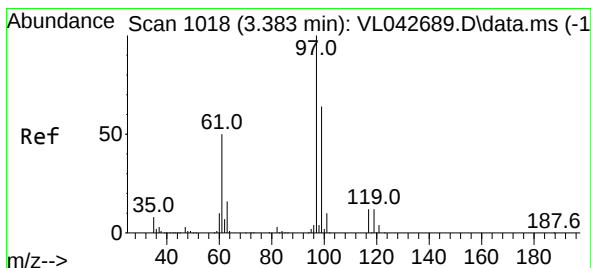
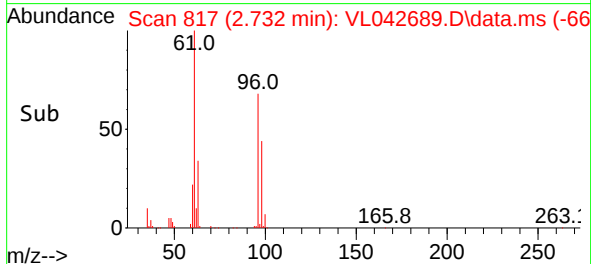
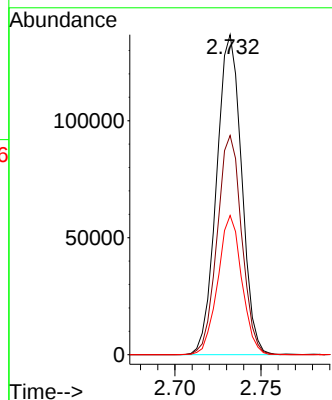
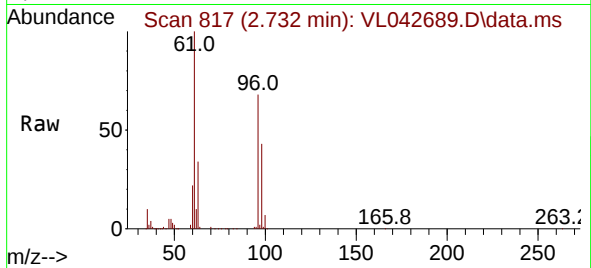




#31
cis-1,2-Dichloroethene
Concen: 9.566 ppbv
RT: 2.732 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

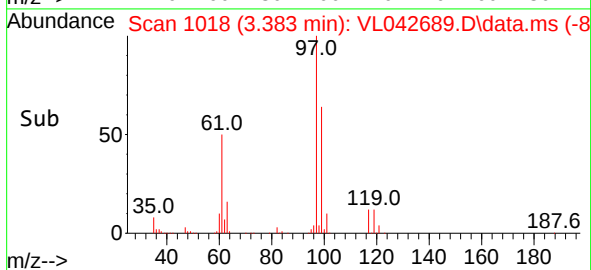
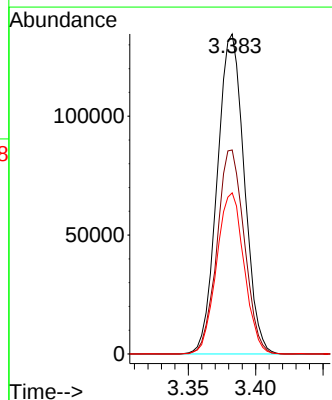
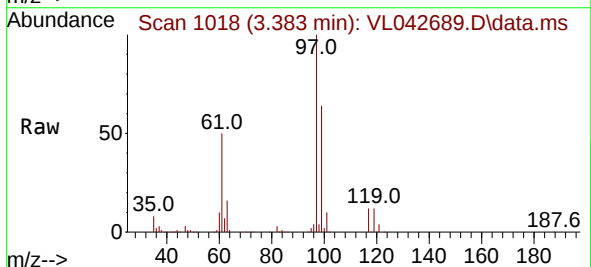
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

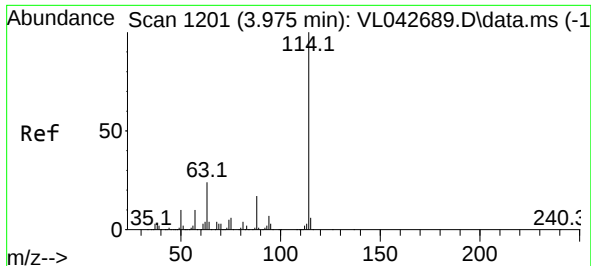
Tgt Ion: 61 Resp: 138516
Ion Ratio Lower Upper
61 100
96 68.5 54.8 82.2
98 43.4 34.7 52.1



#32
1,1,1-Trichloroethane
Concen: 8.565 ppbv
RT: 3.383 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 97 Resp: 188105
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 51.4 41.1 61.7

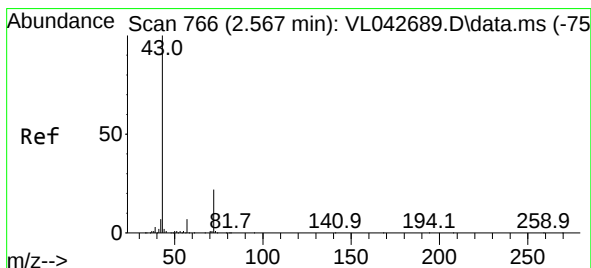
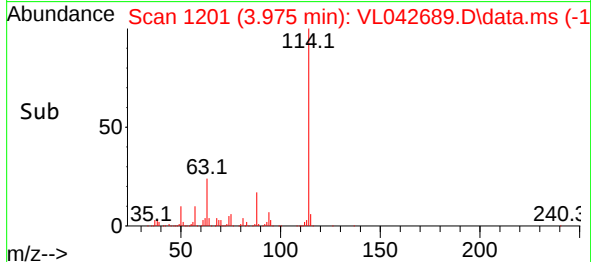
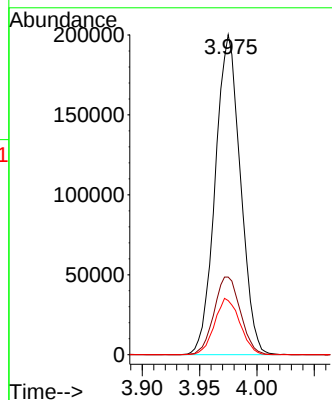
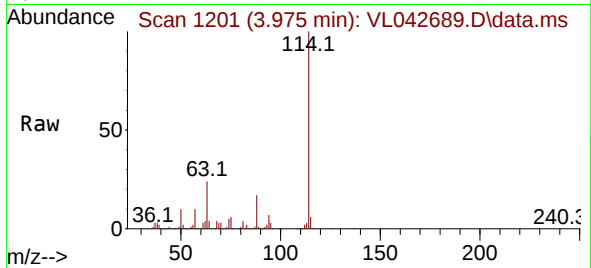




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

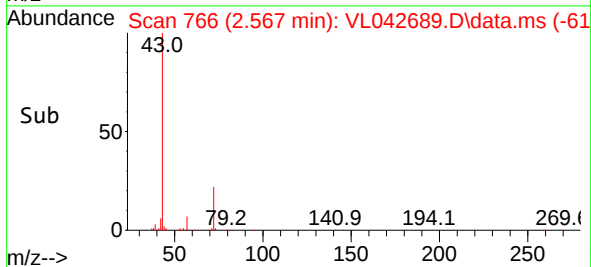
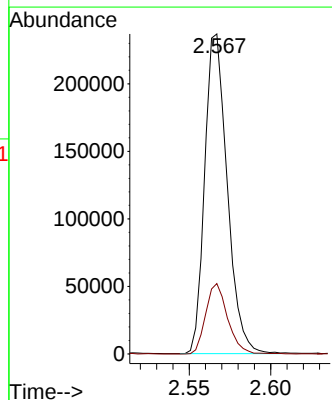
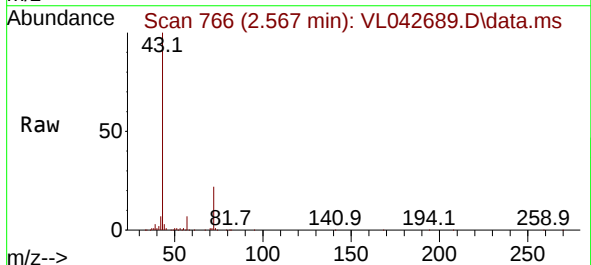
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

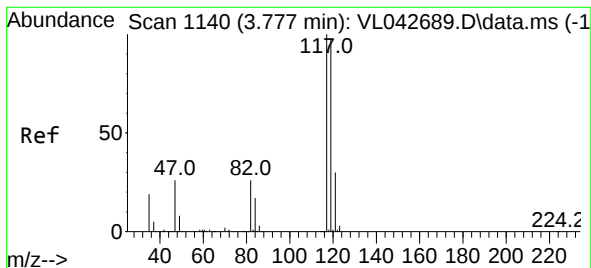
Tgt Ion:114 Resp: 305681
 Ion Ratio Lower Upper
 114 100
 63 25.5 20.4 30.6
 88 17.7 14.2 21.2



#34
 2-Butanone
 Concen: 9.407 ppbv
 RT: 2.567 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 43 Resp: 227587
 Ion Ratio Lower Upper
 43 100
 72 21.4 17.1 25.7





#35

Carbon Tetrachloride

Concen: 8.935 ppbv

RT: 3.777 min Scan# 1140

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

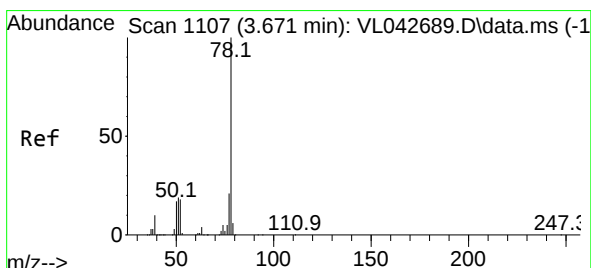
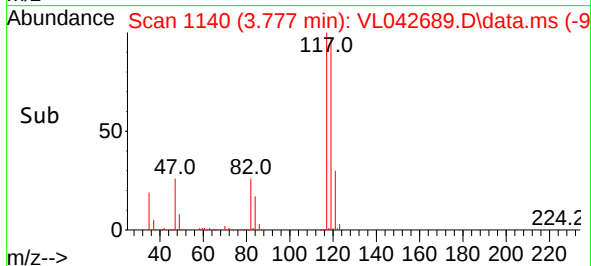
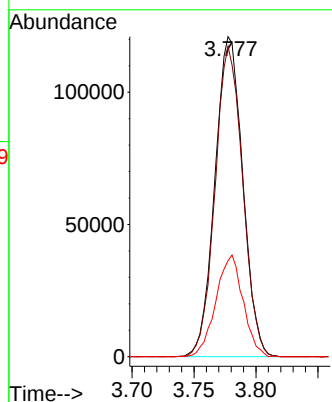
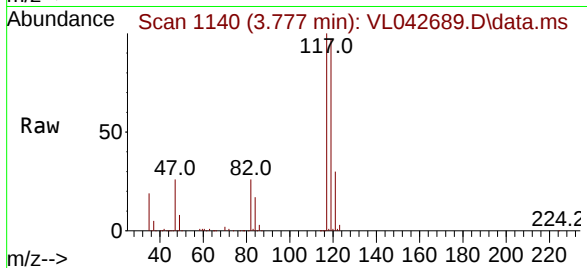
Tgt Ion:117 Resp: 189434

Ion Ratio Lower Upper

117 100

119 97.0 77.6 116.4

121 30.0 24.0 36.0



#36

Benzene

Concen: 9.573 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

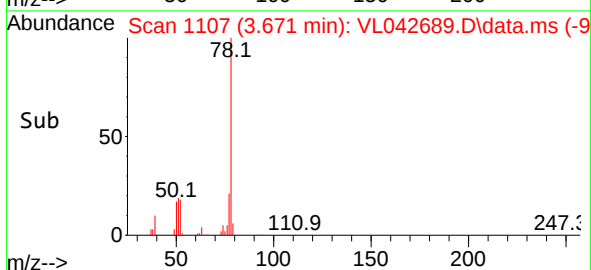
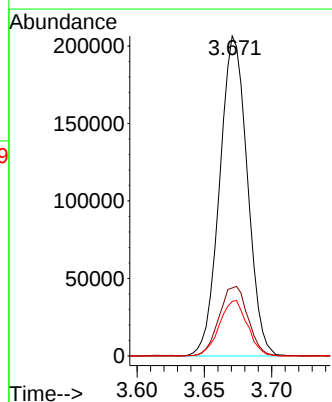
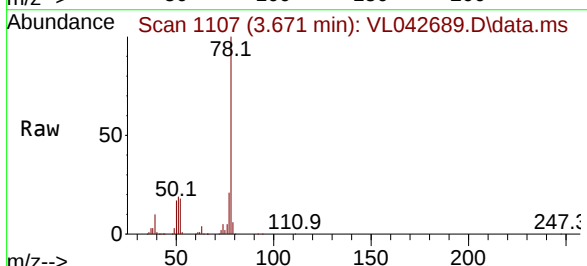
Tgt Ion: 78 Resp: 294950

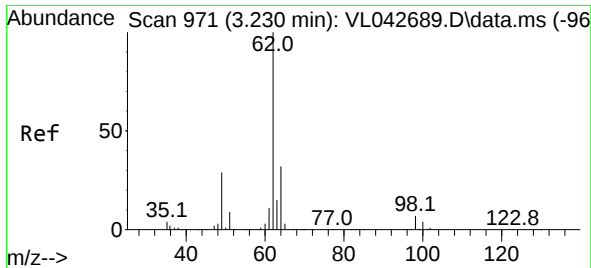
Ion Ratio Lower Upper

78 100

77 21.2 17.0 25.4

50 17.1 13.7 20.5





#37

1,2-Dichloroethane

Concen: 9.206 ppbv

RT: 3.230 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

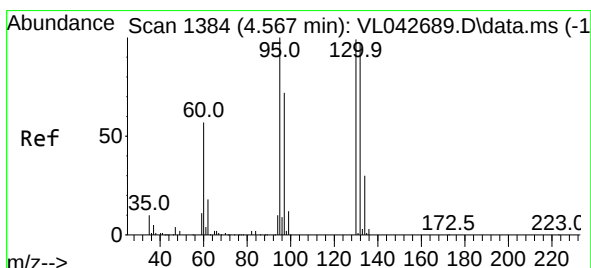
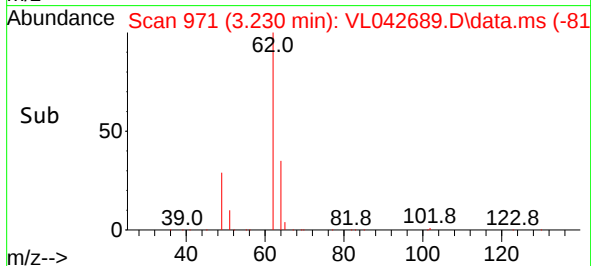
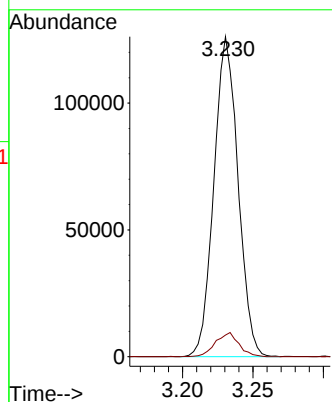
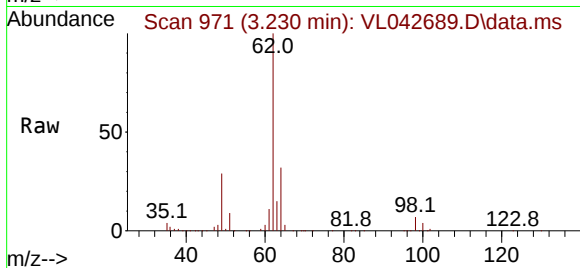
VSTDICCC010

Tgt Ion: 62 Resp: 150635

Ion Ratio Lower Upper

62 100

98 7.3 5.8 8.8



#38

Trichloroethene

Concen: 8.702 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Tgt Ion:130 Resp: 115839

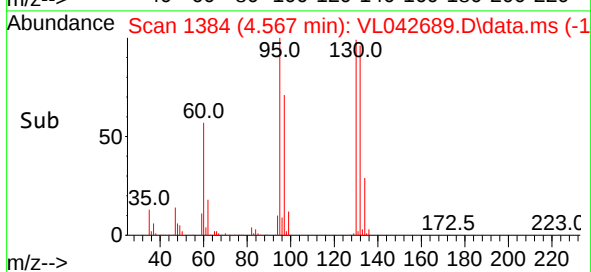
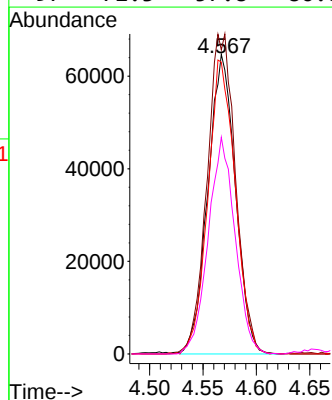
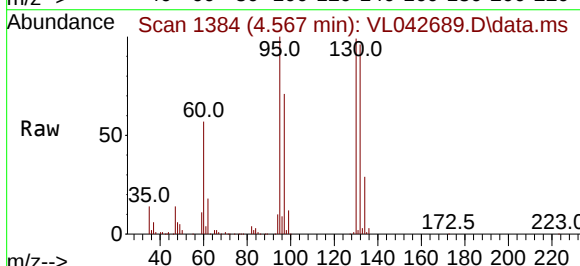
Ion Ratio Lower Upper

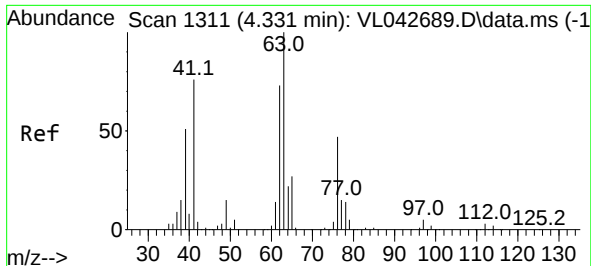
130 100

95 101.4 81.1 121.7

132 97.4 77.9 116.9

97 72.3 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.134 ppbv

RT: 4.331 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

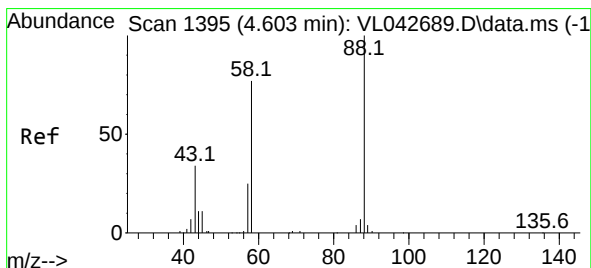
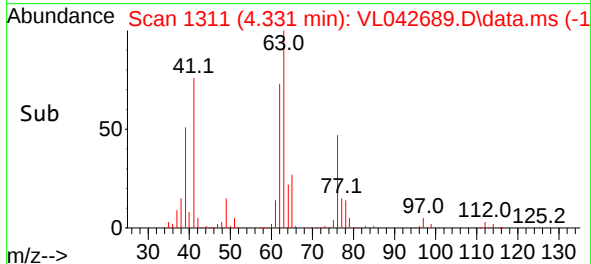
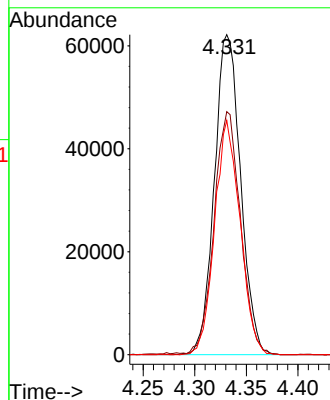
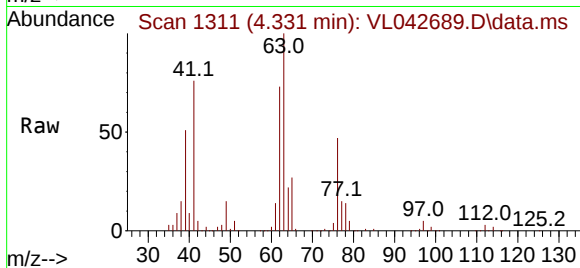
Tgt Ion: 63 Resp: 109807

Ion Ratio Lower Upper

63 100

41 76.0 60.8 91.2

62 73.2 58.6 87.8



#40

1,4-Dioxane

Concen: 5.569 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Tgt Ion: 88 Resp: 25726

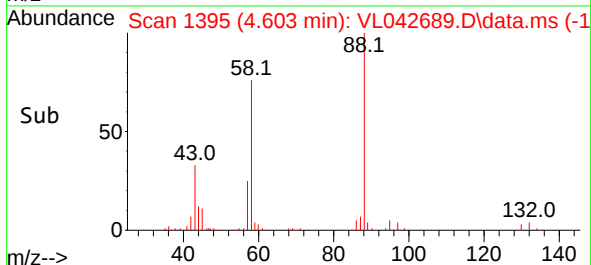
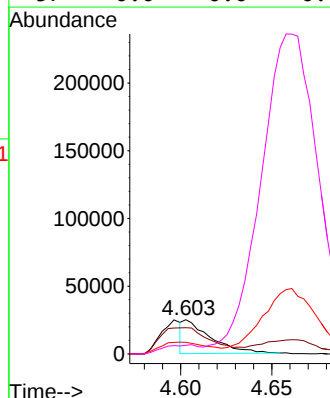
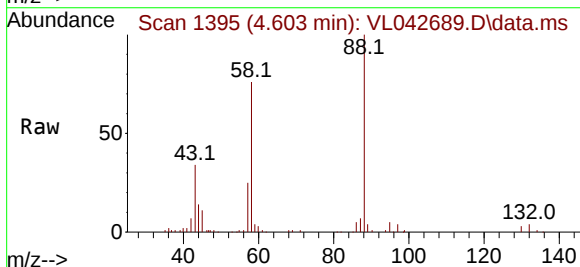
Ion Ratio Lower Upper

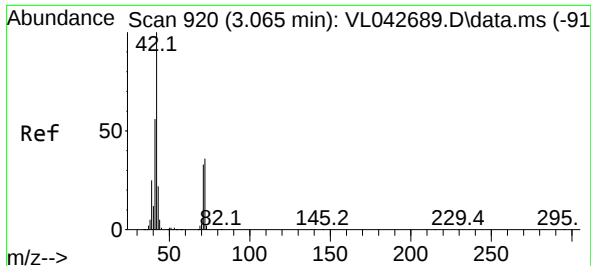
88 100

58 142.6 62.1 93.1#

43 60.0 26.2 39.2#

57 0.0 0.0 0.0

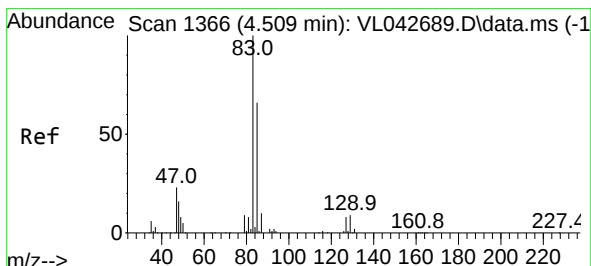
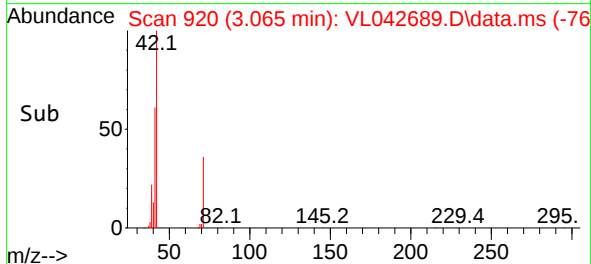
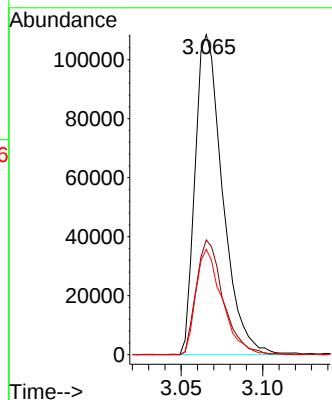
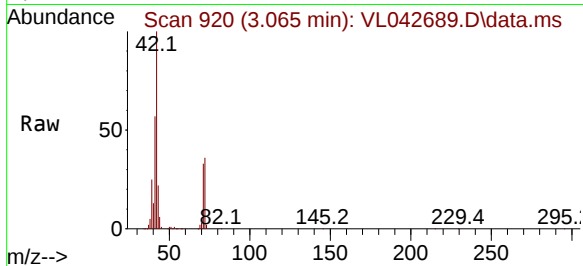




#41
Tetrahydrofuran
Concen: 10.315 ppbv
RT: 3.065 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

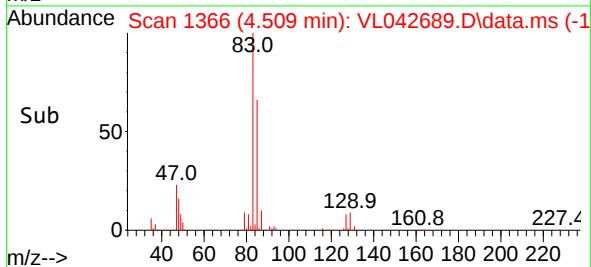
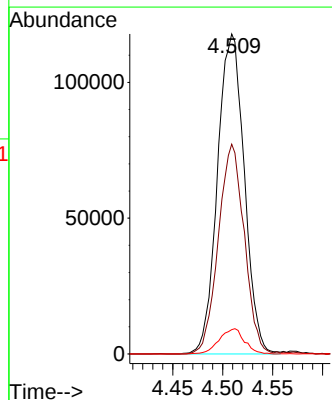
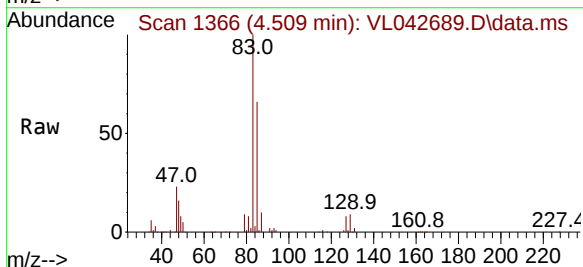
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

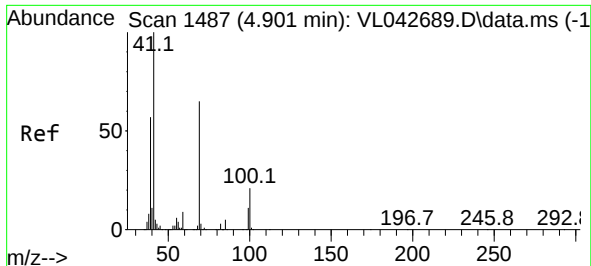
Tgt Ion: 42 Resp: 127174
Ion Ratio Lower Upper
42 100
72 35.3 28.2 42.4
71 31.7 25.4 38.0



#42
Bromodichloromethane
Concen: 9.490 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 83 Resp: 219936
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7
127 7.6 6.1 9.1

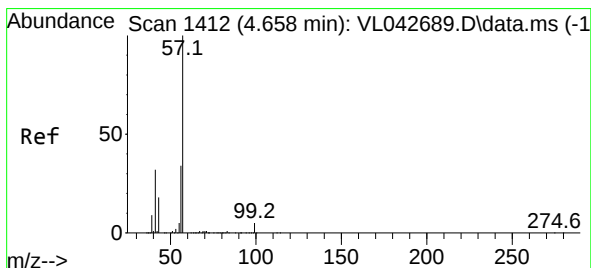
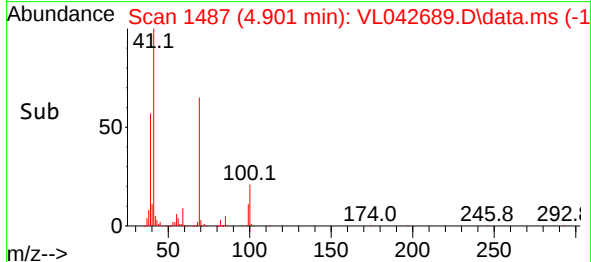
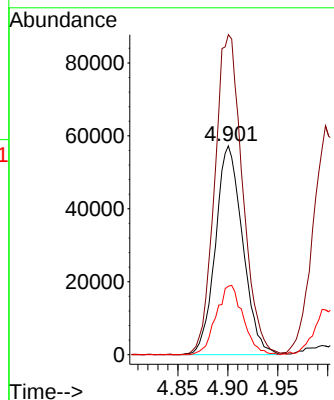
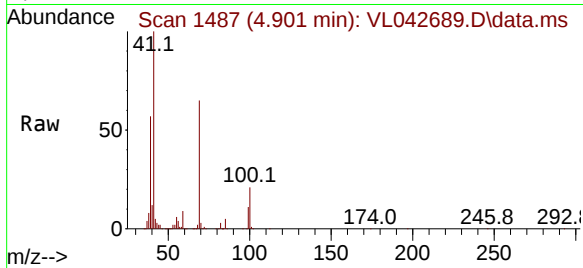




#43
Methyl Methacrylate
Concen: 10.946 ppbv
RT: 4.901 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

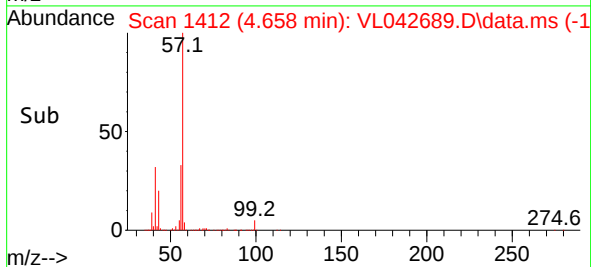
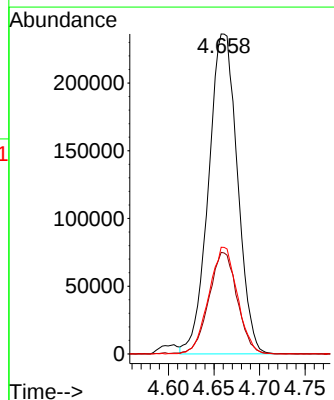
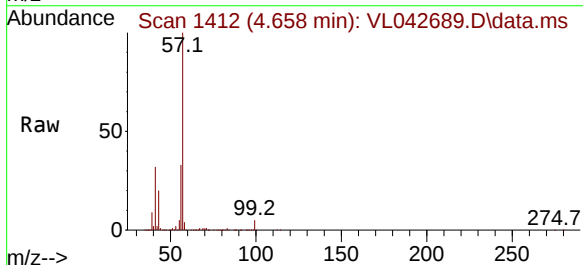
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

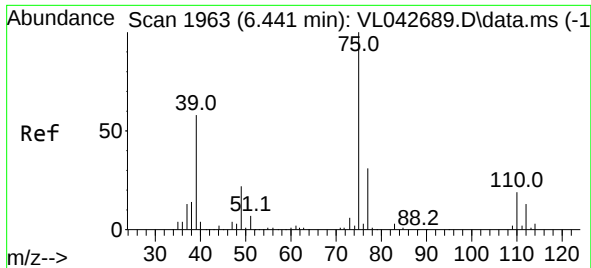
Tgt Ion: 69 Resp: 108301
Ion Ratio Lower Upper
69 100
41 156.8 125.4 188.2
100 33.0 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 10.125 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 57 Resp: 520537
Ion Ratio Lower Upper
57 100
41 31.5 25.2 37.8
56 32.9 26.3 39.5

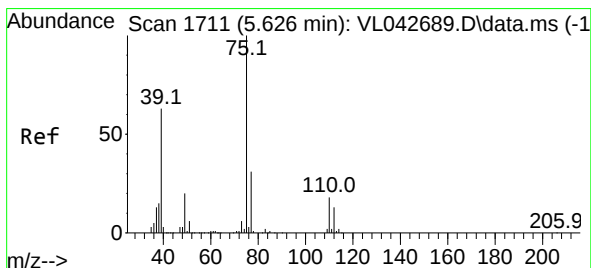
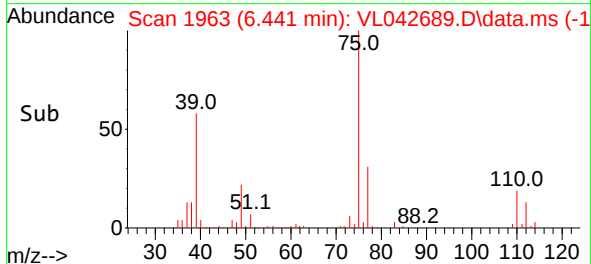
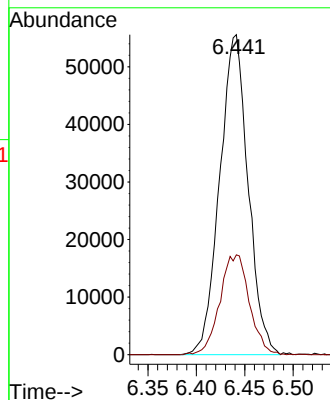
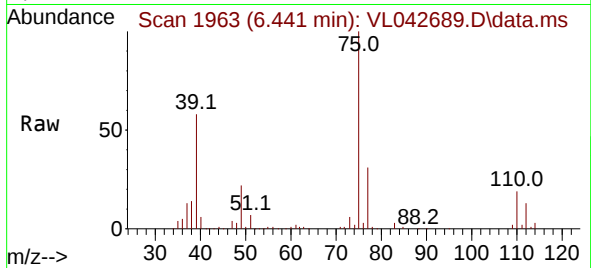




#45
 t-1,3-Dichloropropene
 Concen: 10.918 ppbv
 RT: 6.441 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

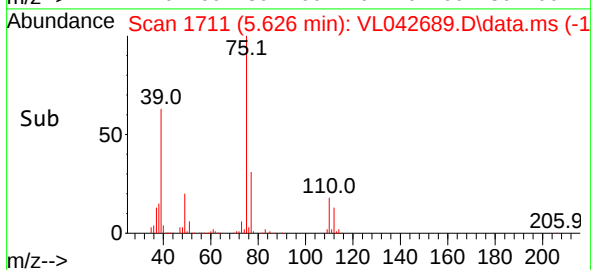
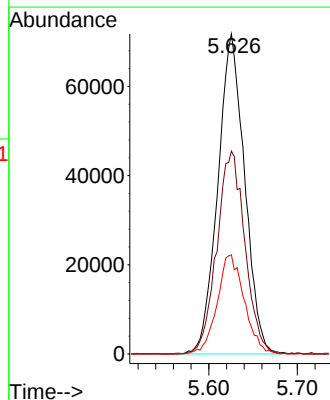
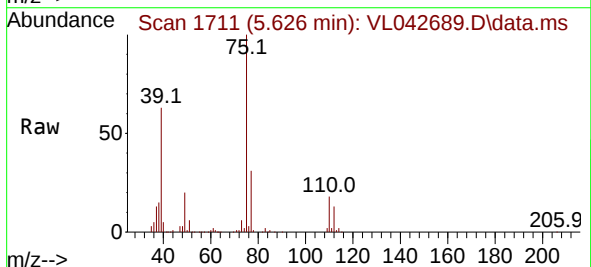
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

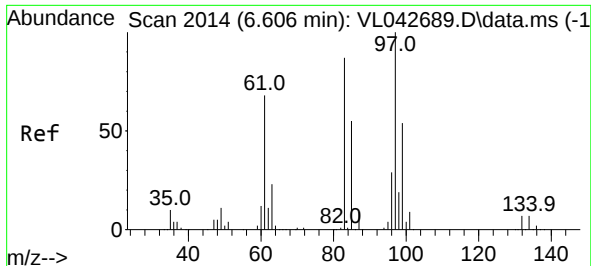
Tgt Ion: 75 Resp: 113519
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.525 ppbv
 RT: 5.626 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 75 Resp: 151004
 Ion Ratio Lower Upper
 75 100
 39 63.2 50.6 75.8
 77 31.0 24.8 37.2

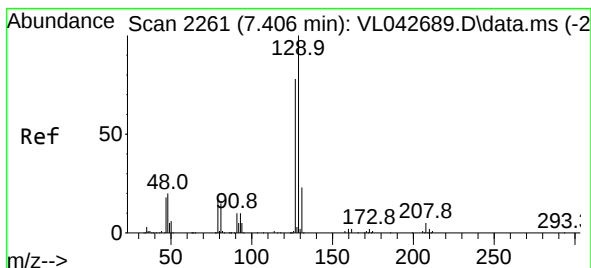
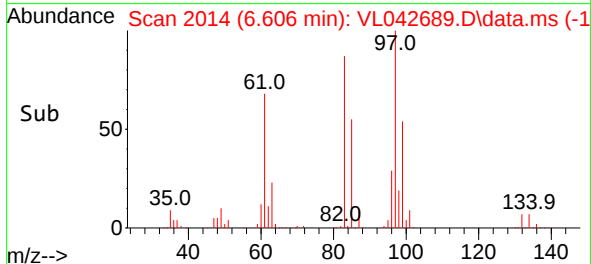
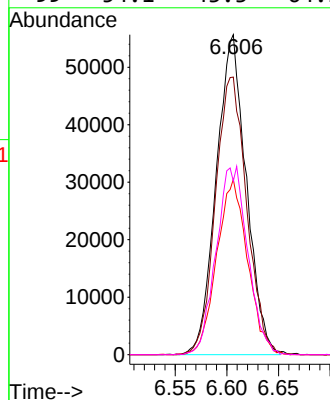
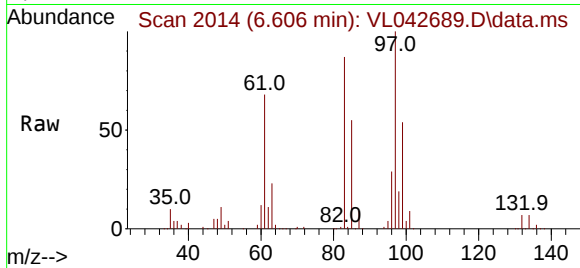




#47
 1,1,2-Trichloroethane
 Concen: 9.497 ppbv
 RT: 6.606 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

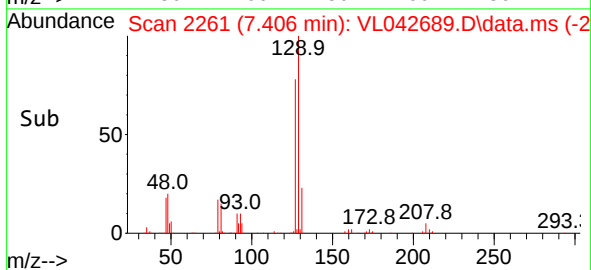
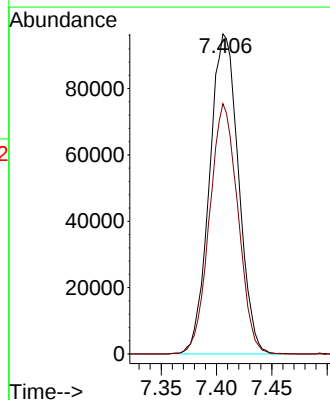
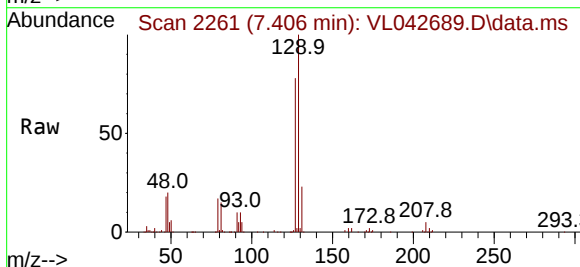
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

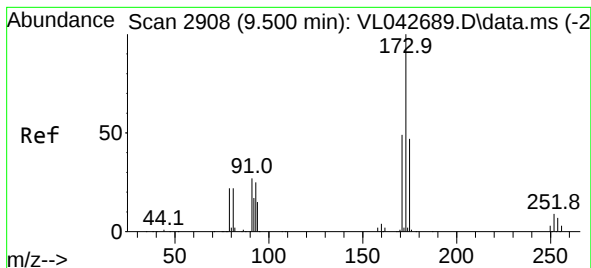
Tgt Ion: 97	Resp: 112381
Ion Ratio	Lower Upper
97 100	
83 86.6	69.3 103.9
85 54.6	43.7 65.5
99 54.1	43.3 64.9



#48
 Dibromochloromethane
 Concen: 9.695 ppbv
 RT: 7.406 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion:129	Resp: 175681
Ion Ratio	Lower Upper
129 100	
127 76.5	38.3 114.8





#49

Bromoform

Concen: 9.878 ppbv

RT: 9.500 min Scan# 2908

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

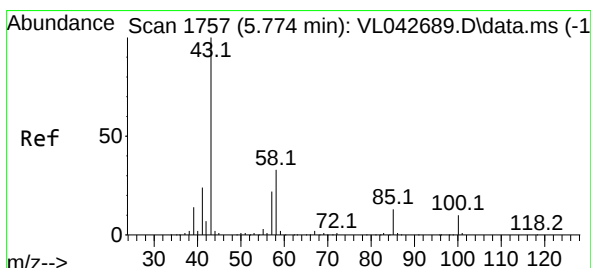
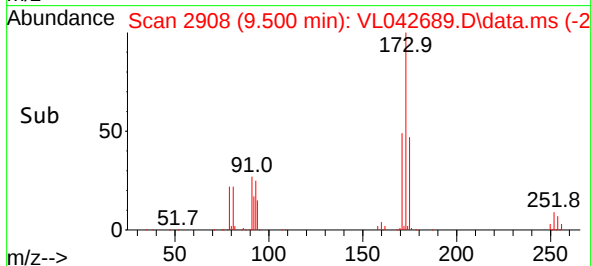
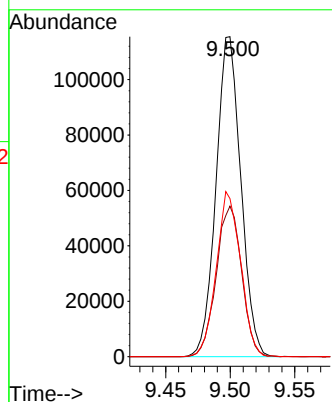
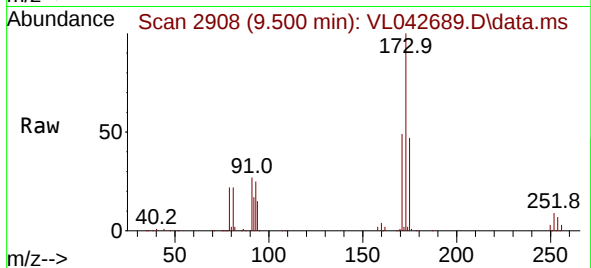
Tgt Ion:173 Resp: 154598

Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

171 50.4 40.3 60.5



#50

4-Methyl-2-Pentanone

Concen: 10.779 ppbv

RT: 5.774 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VL042689.D

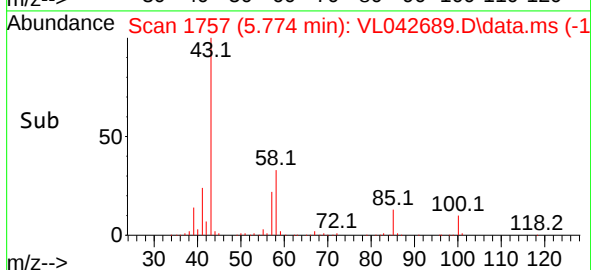
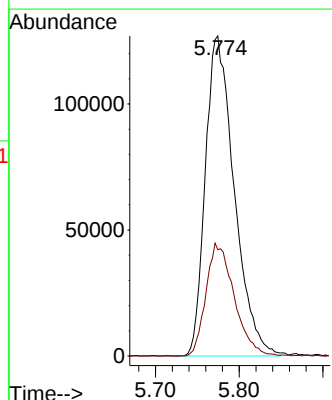
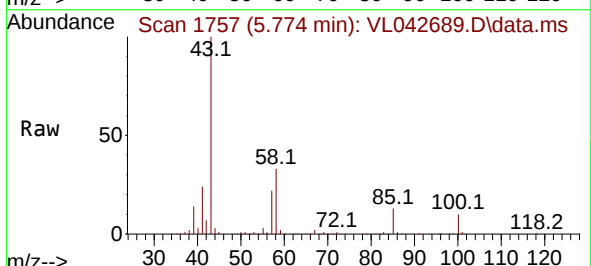
Acq: 02 Jul 2025 08:23

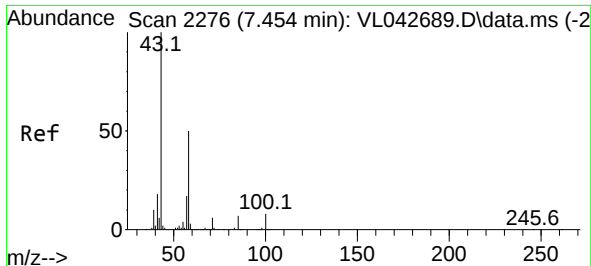
Tgt Ion: 43 Resp: 304838

Ion Ratio Lower Upper

43 100

58 34.4 27.5 41.3

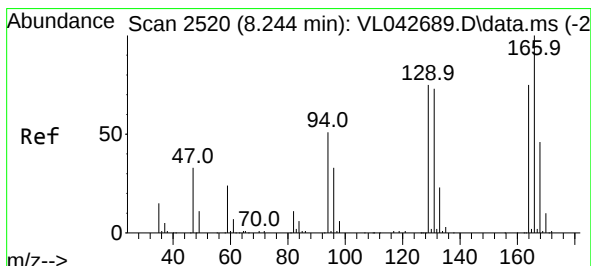
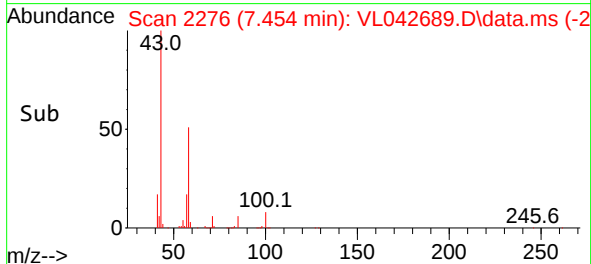
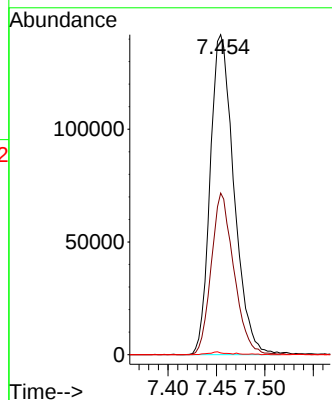
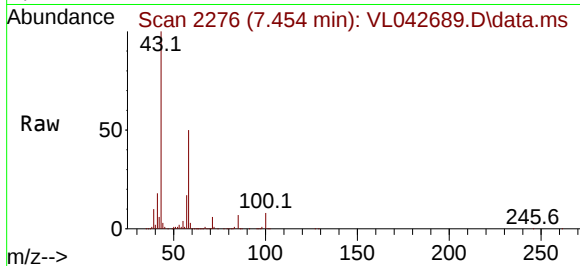




#51
2-Hexanone
Concen: 11.723 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

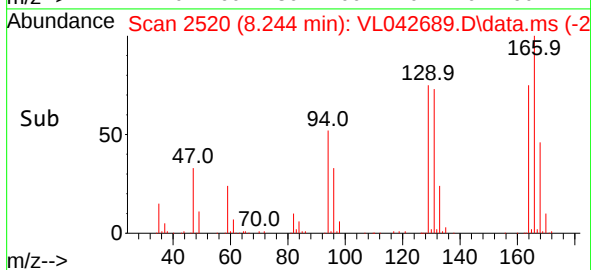
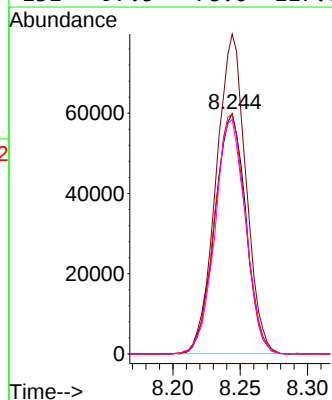
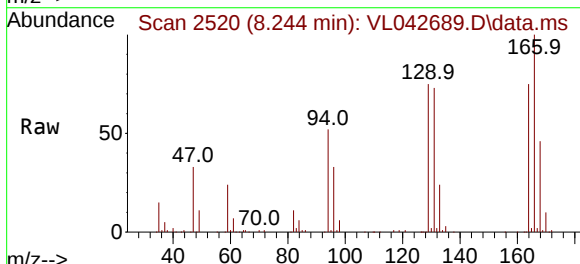
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

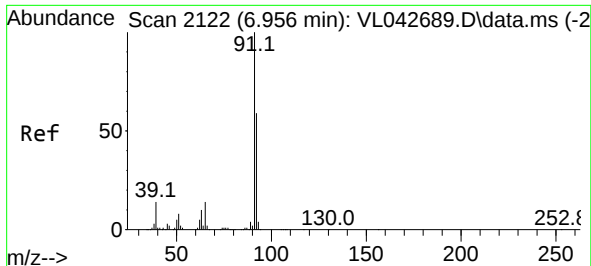
Tgt Ion: 43 Resp: 242187
Ion Ratio Lower Upper
43 100
58 48.2 38.6 57.8
98 0.8 0.6 1.0



#52
Tetrachloroethene
Concen: 9.286 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 164 Resp: 95960
Ion Ratio Lower Upper
164 100
166 133.3 106.6 160.0
129 99.7 79.8 119.6
131 97.5 78.0 117.0

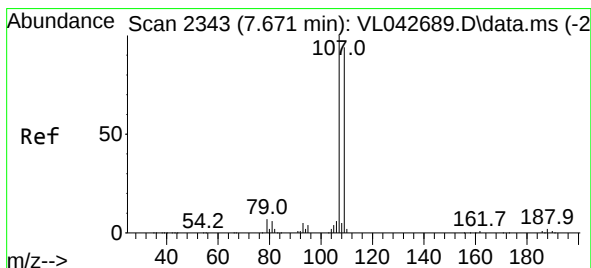
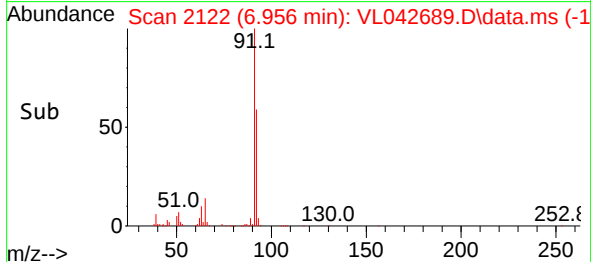
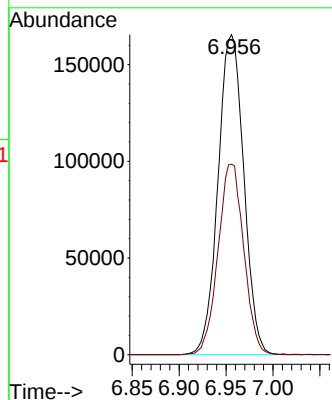
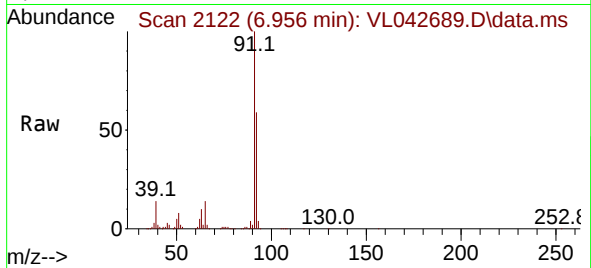




#53
Toluene
Concen: 10.996 ppbv
RT: 6.956 min Scan# 2122
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

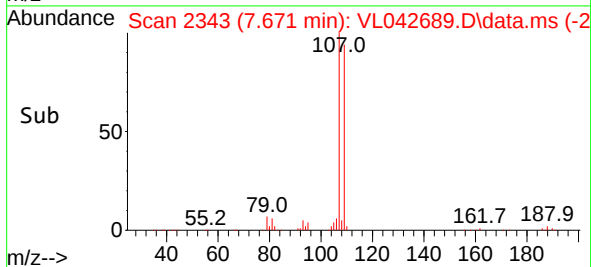
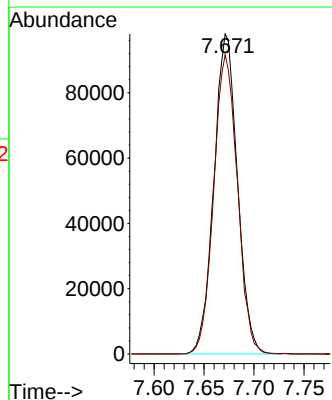
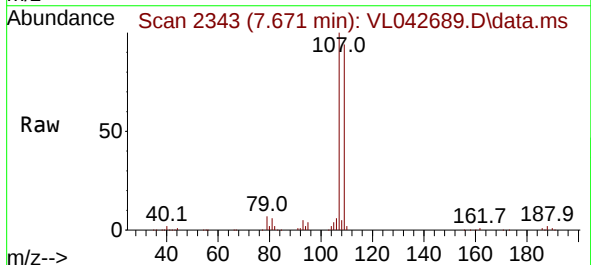
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

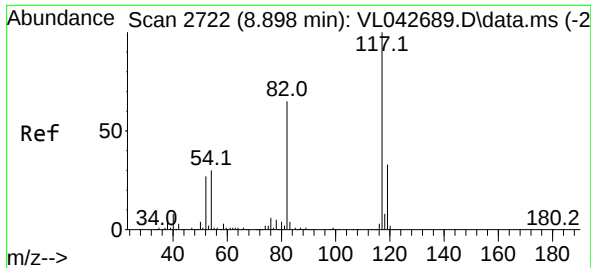
Tgt Ion: 91 Resp: 316330
Ion Ratio Lower Upper
91 100
92 59.3 47.4 71.2



#54
1,2-Dibromoethane
Concen: 9.724 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 107 Resp: 160587
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2

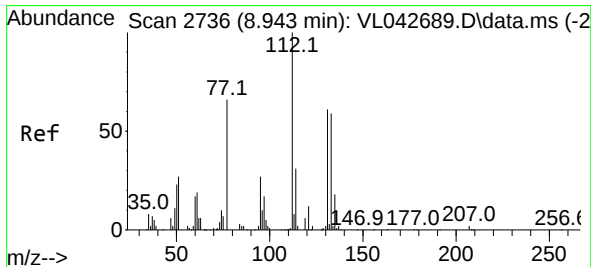
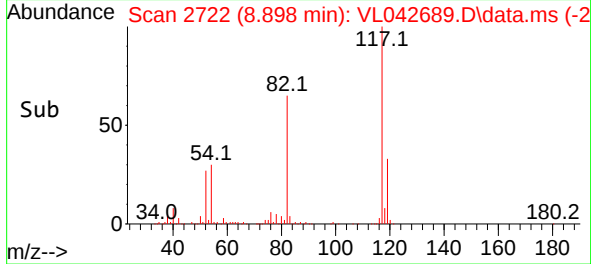
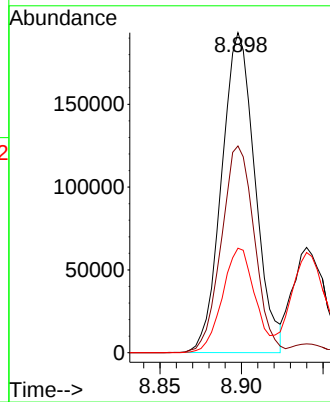
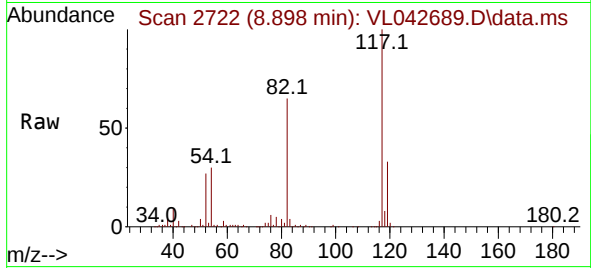




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

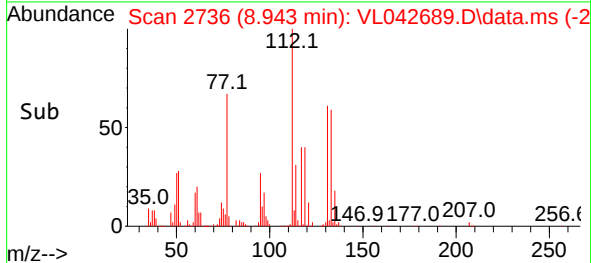
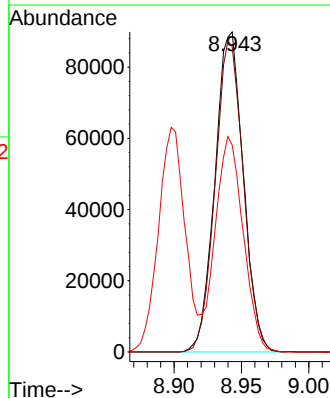
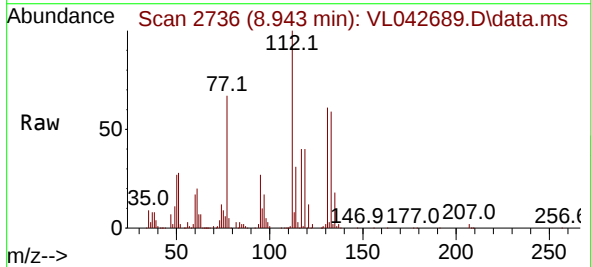
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

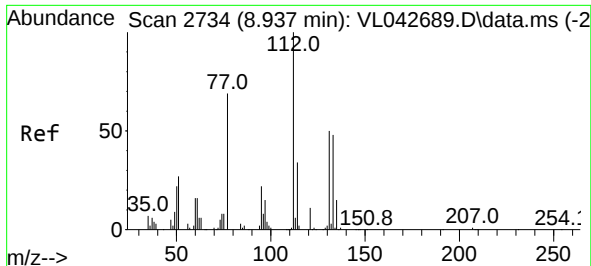
Tgt Ion:117 Resp: 274998
Ion Ratio Lower Upper
117 100
82 66.8 53.4 80.2
119 33.2 26.6 39.8



#56
1,1,1,2-Tetrachloroethane
Concen: 8.852 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion:131 Resp: 131624
Ion Ratio Lower Upper
131 100
133 96.6 77.3 115.9
119 65.7 52.6 78.8

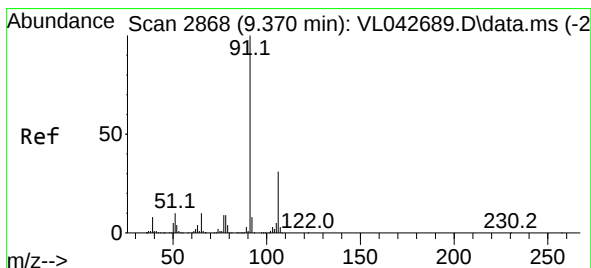
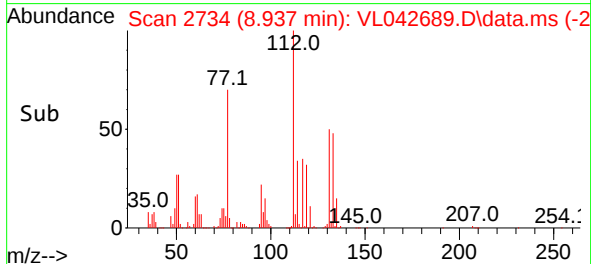
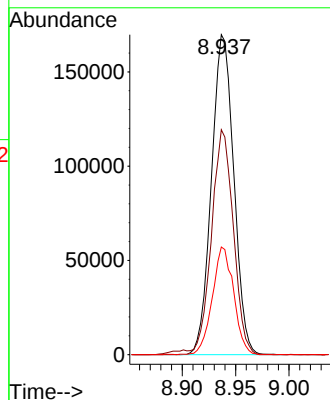
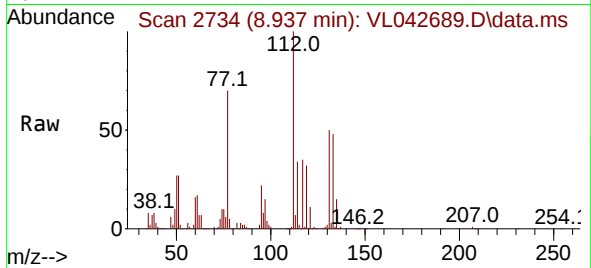




#57
Chlorobenzene
Concen: 8.946 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

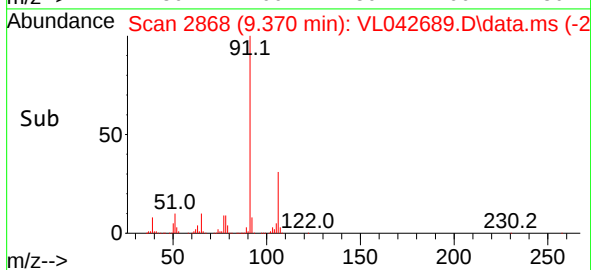
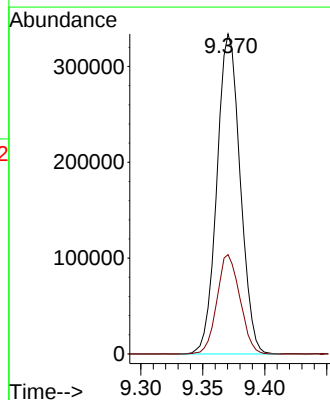
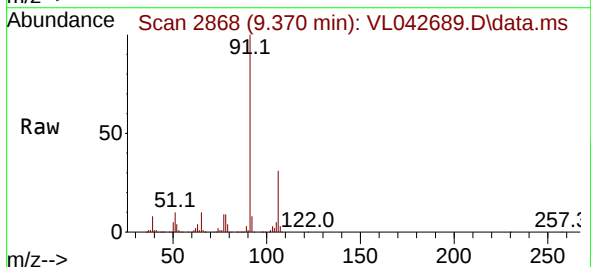
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

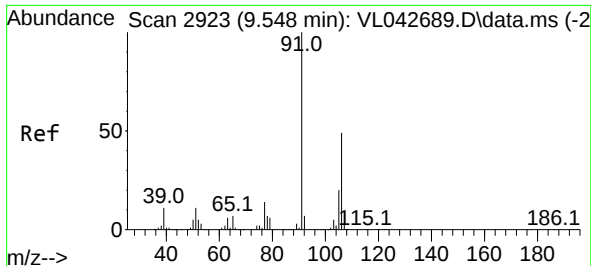
Tgt Ion:112 Resp: 246807
Ion Ratio Lower Upper
112 100
77 70.3 56.2 84.4
114 33.6 30.2 37.0



#58
Ethyl Benzene
Concen: 10.992 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 91 Resp: 437123
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





#59

m/p-Xylene

Concen: 10.177 ppbv

RT: 9.548 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

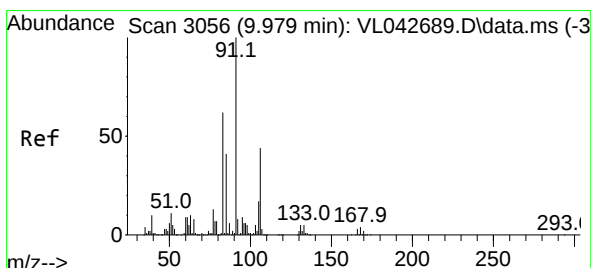
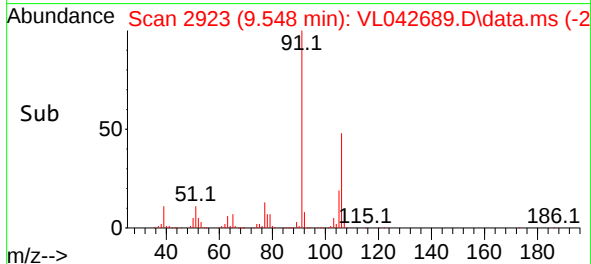
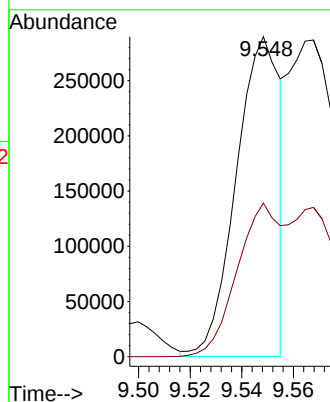
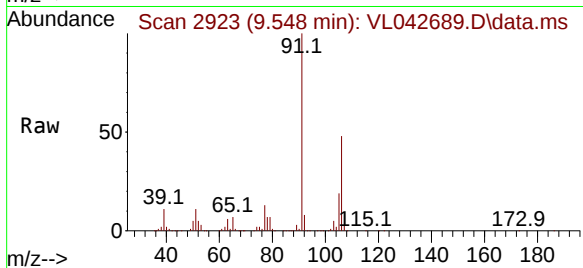
VSTDICCC010

Tgt Ion: 91 Resp: 339158

Ion Ratio Lower Upper

91 100

106 99.1 37.6 56.4#



#60

o-Xylene

Concen: 10.644 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.000 min

Lab File: VL042689.D

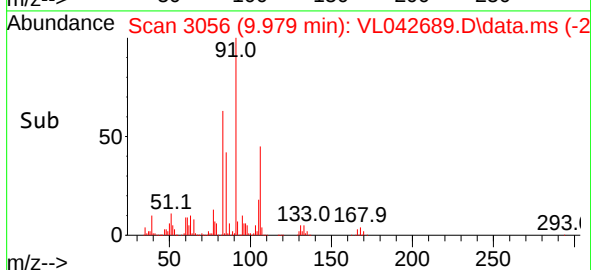
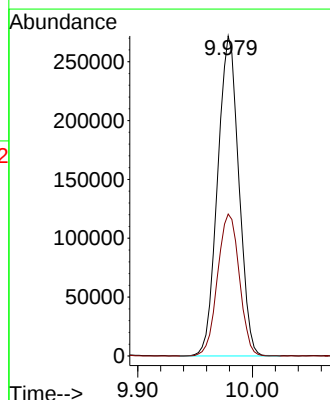
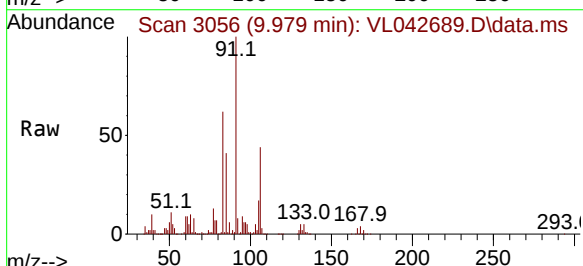
Acq: 02 Jul 2025 08:23

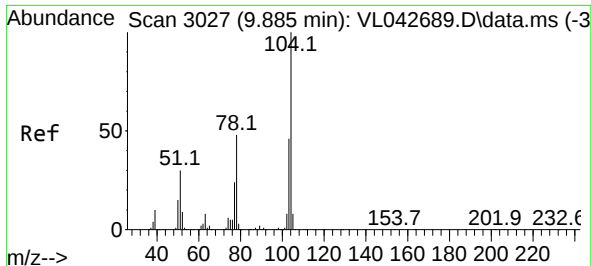
Tgt Ion: 91 Resp: 348790

Ion Ratio Lower Upper

91 100

106 45.6 22.8 68.4

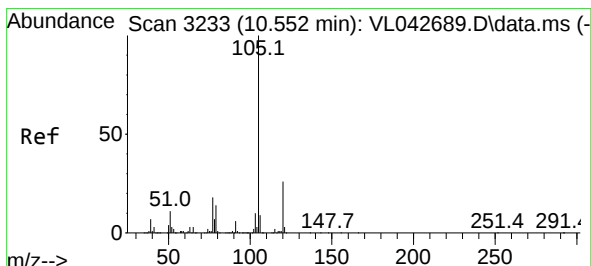
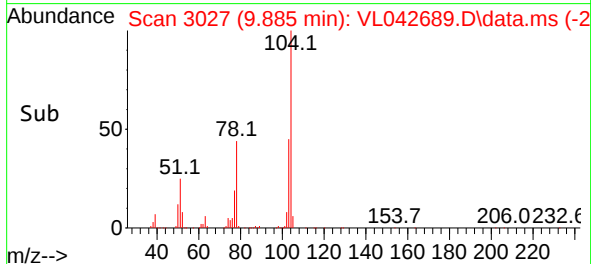
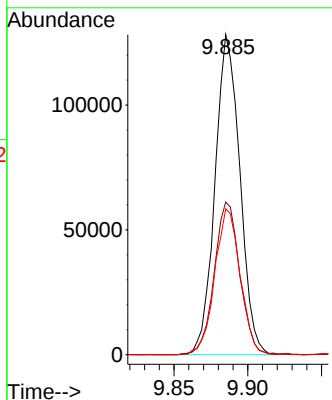
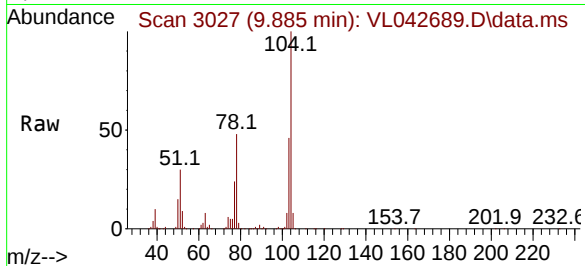




#61
Styrene
Concen: 11.702 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

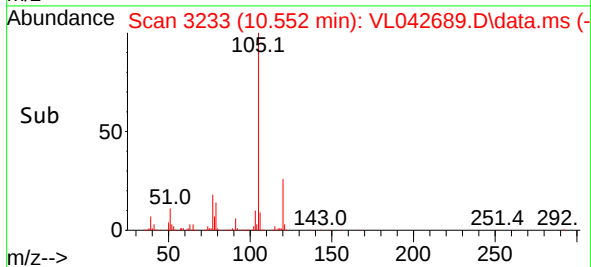
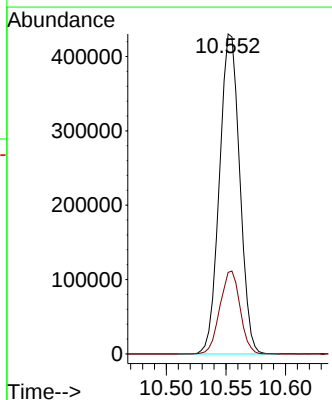
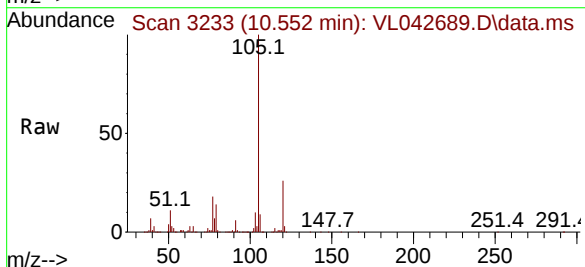
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

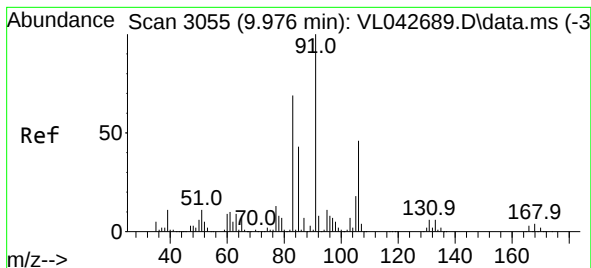
Tgt Ion:104 Resp: 150633
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 46.7 37.4 56.0



#62
Isopropylbenzene
Concen: 10.262 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion:105 Resp: 507546
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 8.918 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

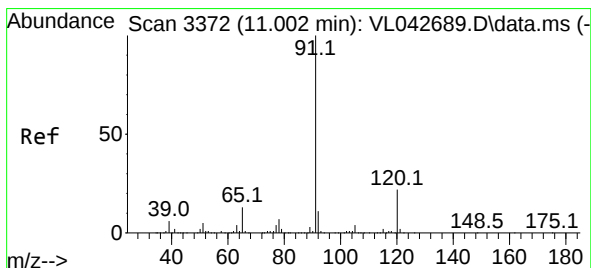
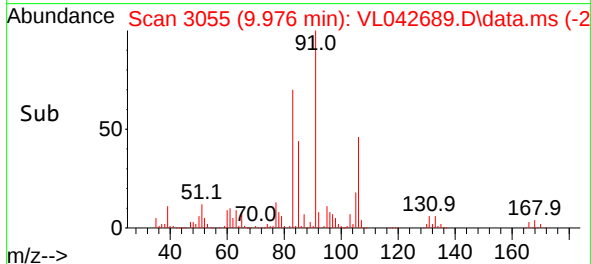
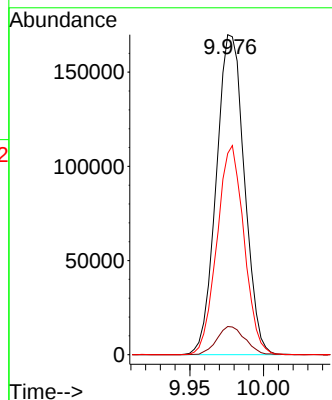
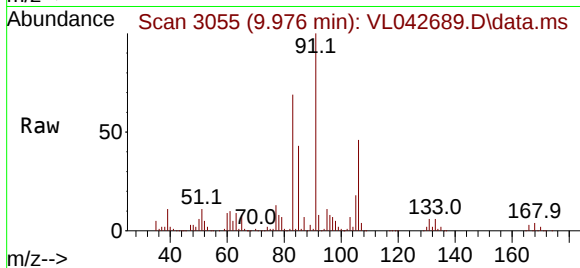
Tgt Ion: 83 Resp: 225039

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

85 63.0 31.5 94.5



#64

n-propylbenzene

Concen: 10.572 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.000 min

Lab File: VL042689.D

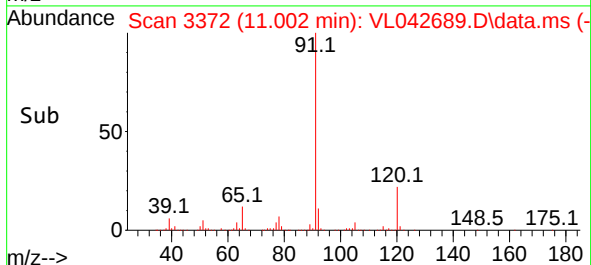
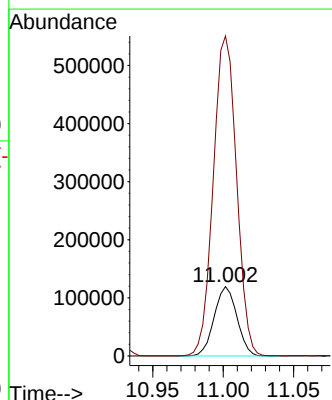
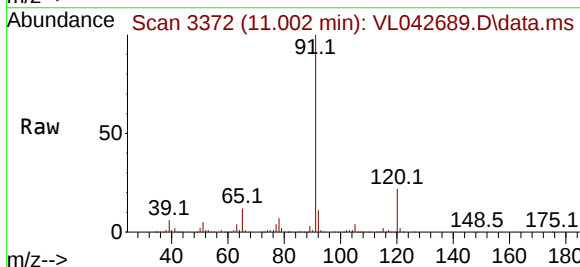
Acq: 02 Jul 2025 08:23

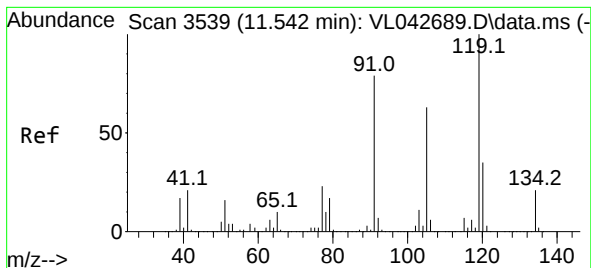
Tgt Ion:120 Resp: 133873

Ion Ratio Lower Upper

120 100

91 472.3 377.8 566.8

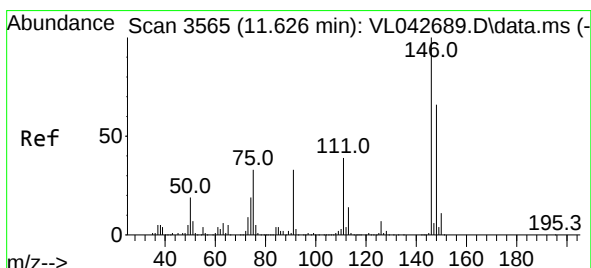
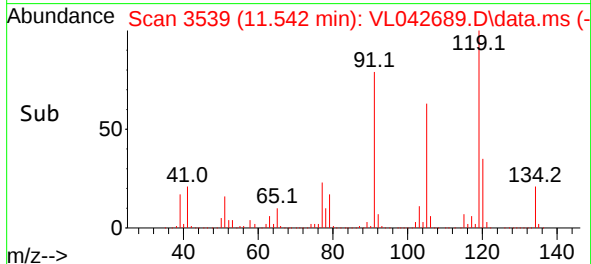
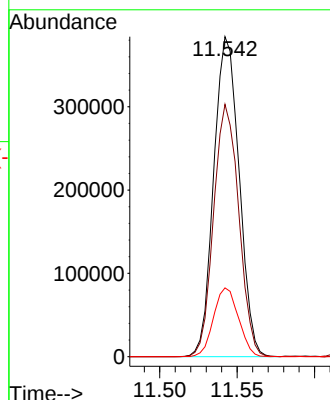
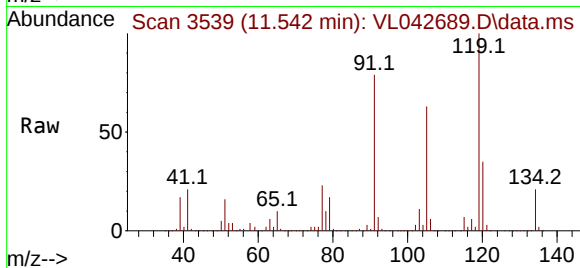




#65
tert-Butylbenzene
Concen: 10.337 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

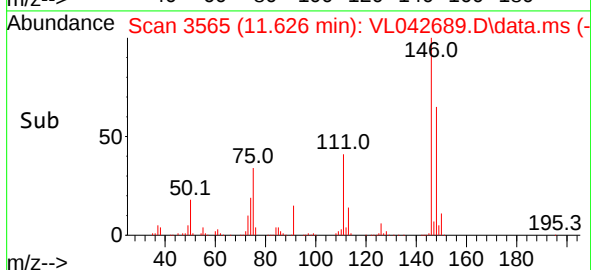
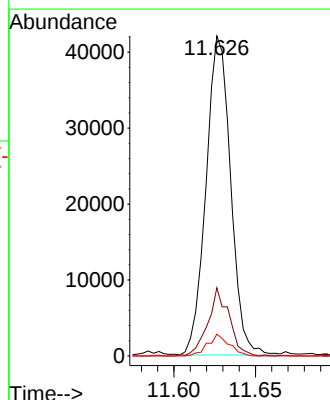
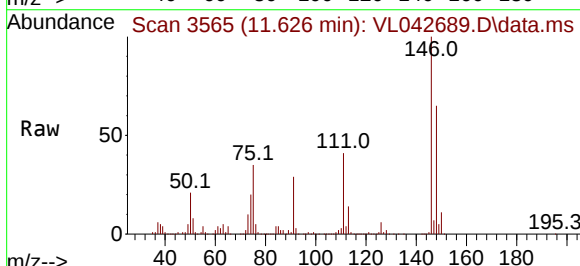
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

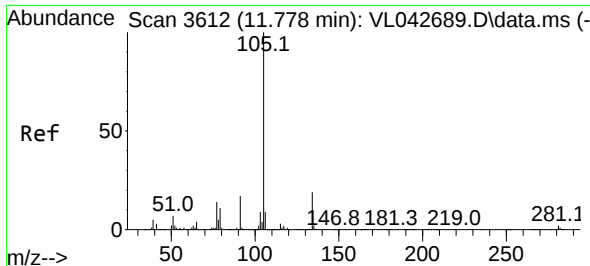
Tgt Ion:119 Resp: 437623
Ion Ratio Lower Upper
119 100
91 78.2 62.6 93.8
134 21.1 16.9 25.3



#66
Benzyl Chloride
Concen: 10.756 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 91 Resp: 44118
Ion Ratio Lower Upper
91 100
126 18.5 14.8 22.2
128 5.9 4.7 7.1

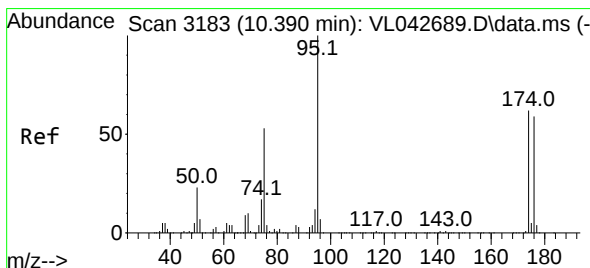
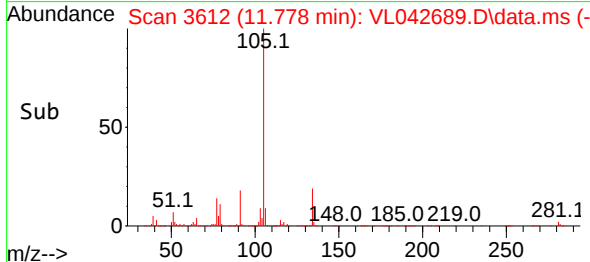
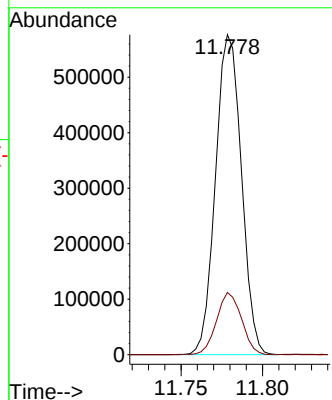
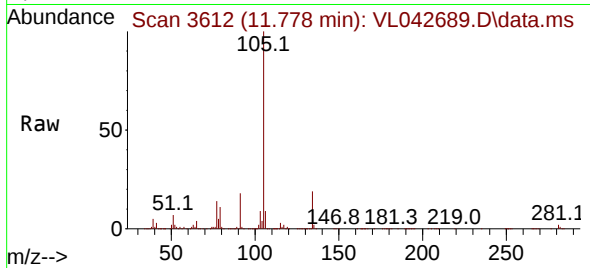




#67
 sec-Butylbenzene
 Concen: 9.820 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

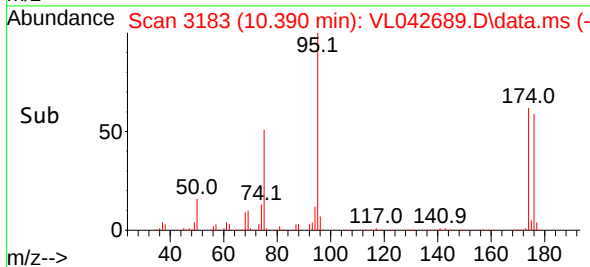
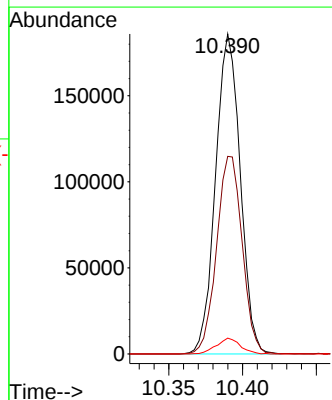
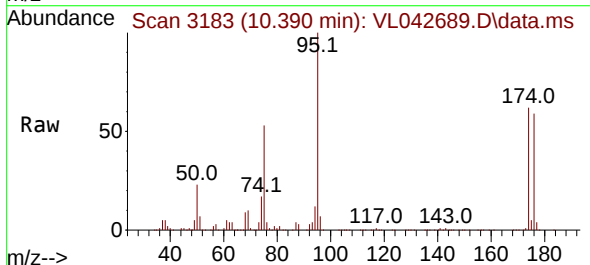
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

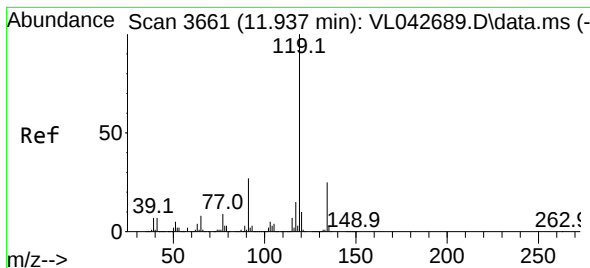
Tgt Ion:105 Resp: 636845
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.248 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 95 Resp: 216760
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.2 76.8
 175 4.8 3.8 5.8

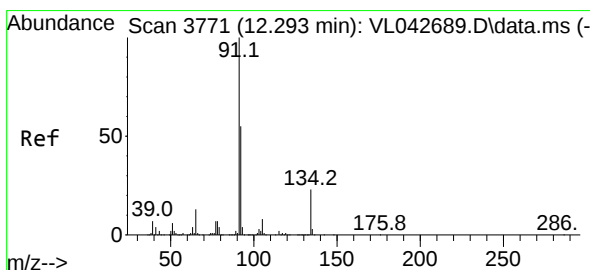
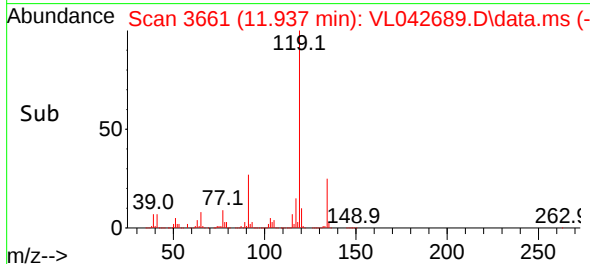
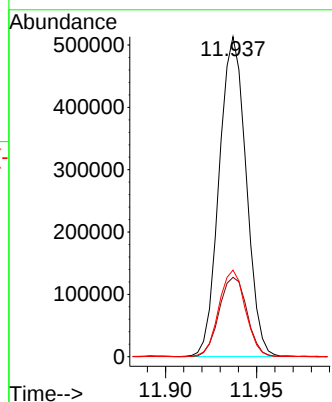
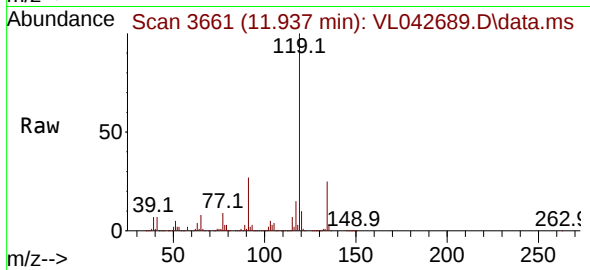




#69
 p-Isopropyltoluene
 Concen: 10.209 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

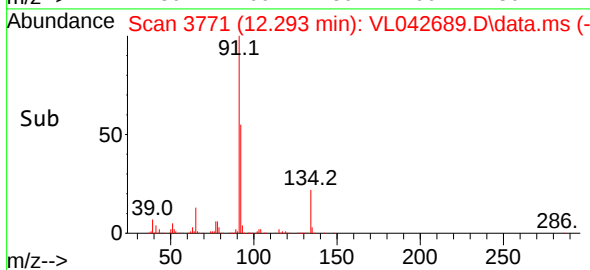
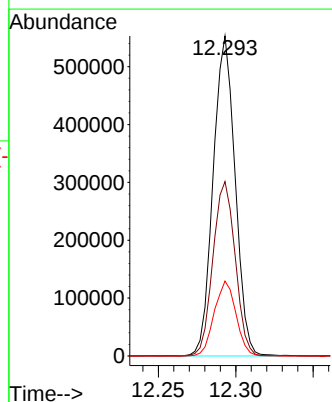
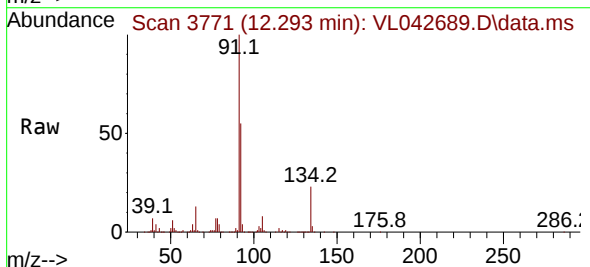
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

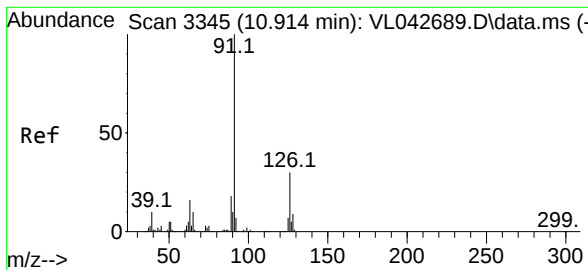
Tgt Ion:119 Resp: 526956
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 26.8 21.4 32.2



#70
 n-Butylbenzene
 Concen: 10.470 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. 0.000 min
 Lab File: VL042689.D
 Acq: 02 Jul 2025 08:23

Tgt Ion: 91 Resp: 544456
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.2 66.2
 134 23.2 18.6 27.8

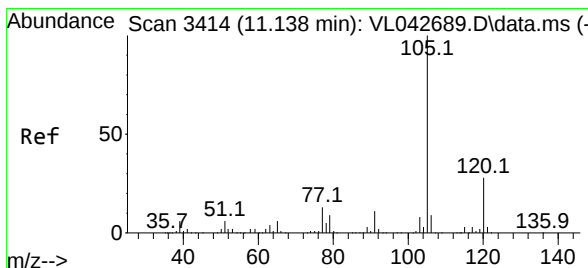
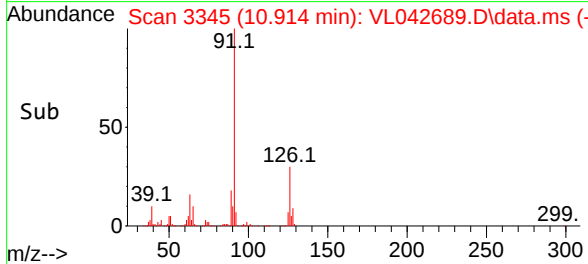
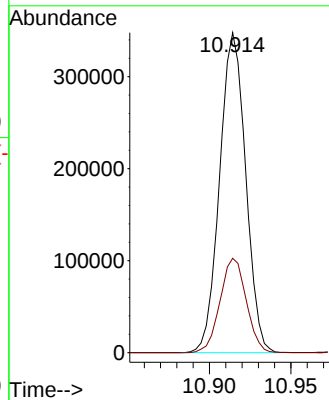
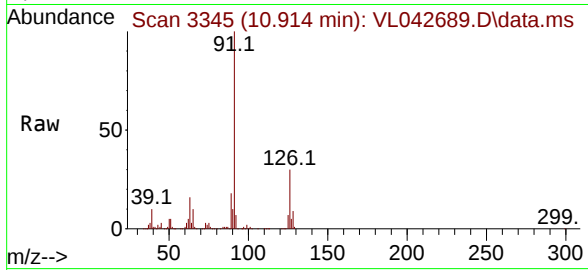




#71
2-Chlorotoluene
Concen: 10.555 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

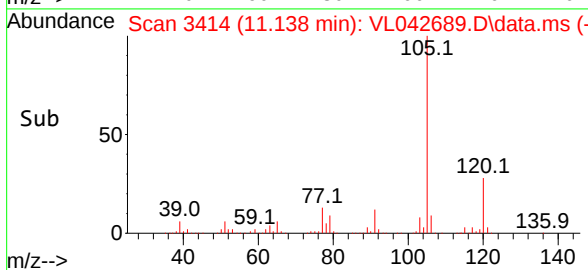
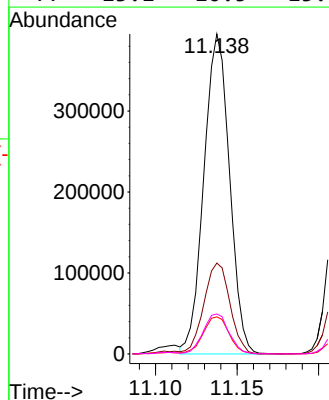
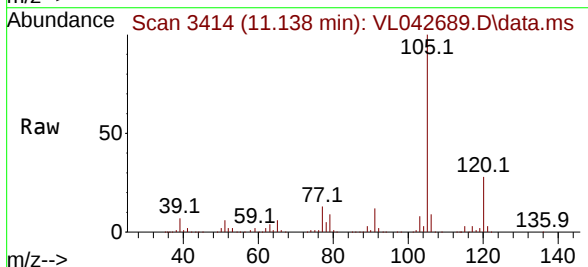
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

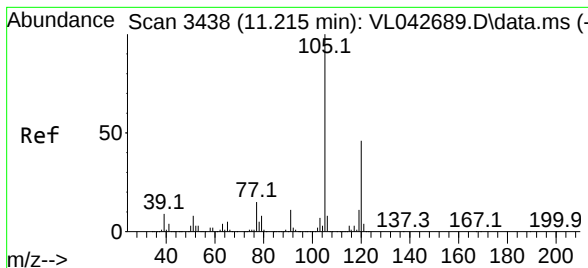
Tgt Ion: 91 Resp: 386204
Ion Ratio Lower Upper
91 100
126 29.6 11.8 47.4



#72
4-Ethyltoluene
Concen: 10.800 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL042689.D
Acq: 02 Jul 2025 08:23

Tgt Ion: 105 Resp: 431817
Ion Ratio Lower Upper
105 100
120 29.7 23.8 35.6
91 12.1 9.7 14.5
77 13.1 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 10.625 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_1

ClientSampleId :

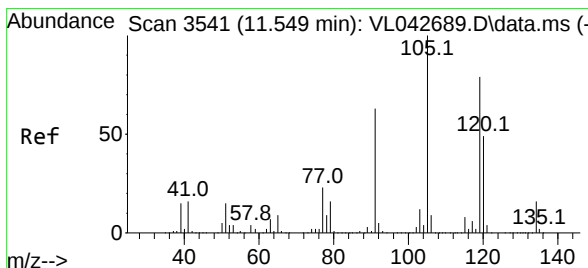
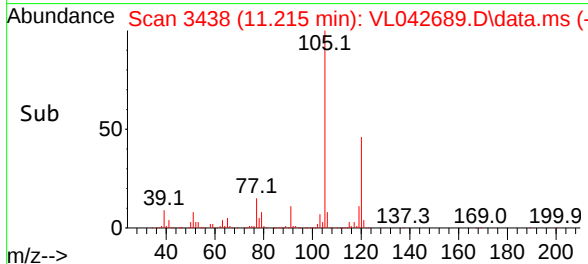
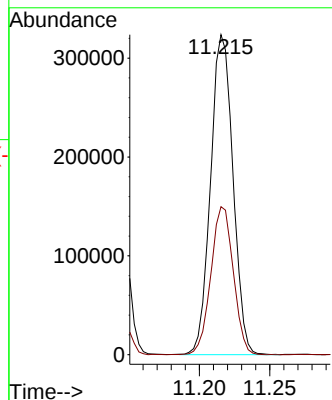
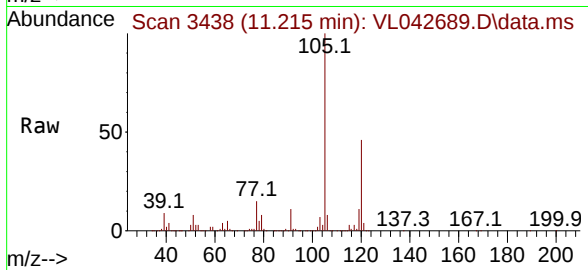
VSTDICCC010

Tgt Ion:105 Resp: 358173

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 10.203 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Tgt Ion:105 Resp: 392374

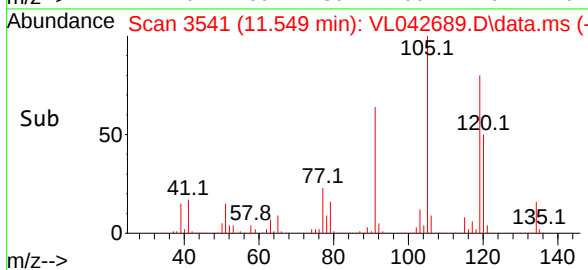
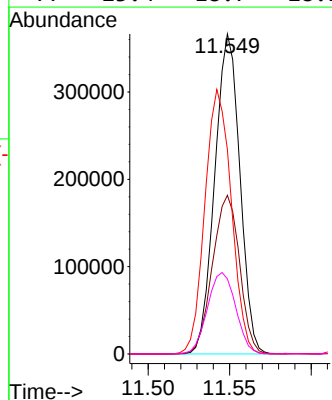
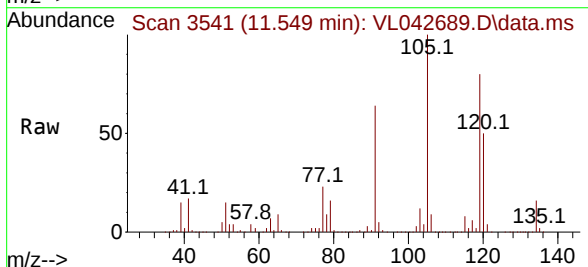
Ion Ratio Lower Upper

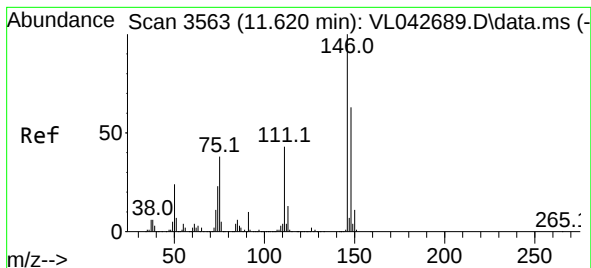
105 100

120 49.5 39.6 59.4

91 63.8 51.0 76.6

77 23.4 18.7 28.1





#75

1,3-Dichlorobenzene

Concen: 9.254 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

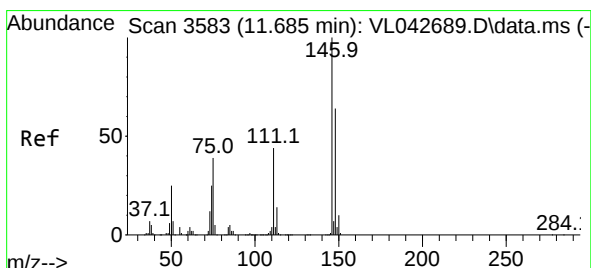
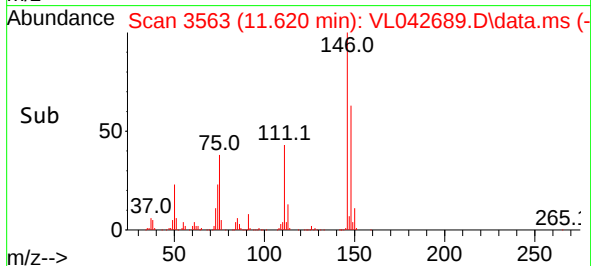
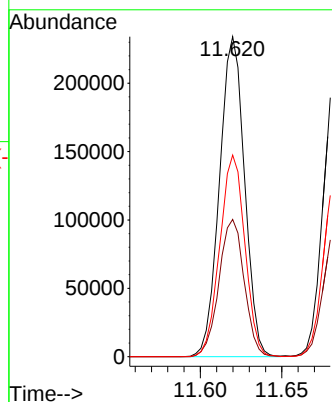
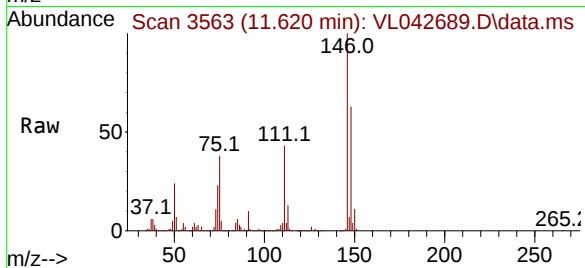
Tgt Ion:146 Resp: 249683

Ion Ratio Lower Upper

146 100

111 43.3 21.6 65.0

148 63.1 31.6 94.7



#76

1,4-Dichlorobenzene

Concen: 9.594 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

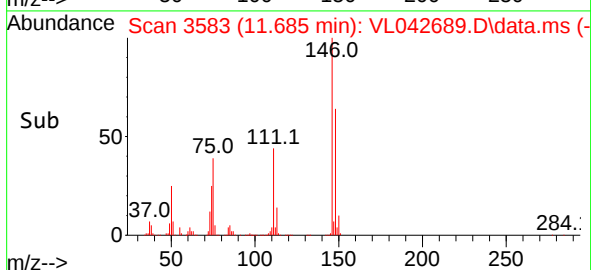
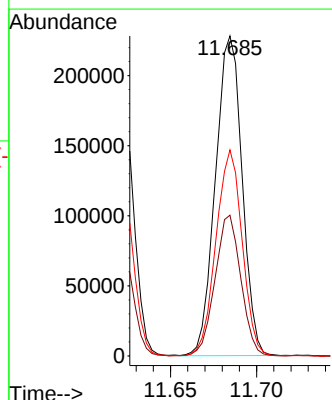
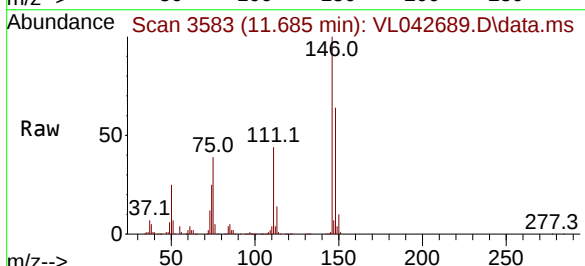
Tgt Ion:146 Resp: 245671

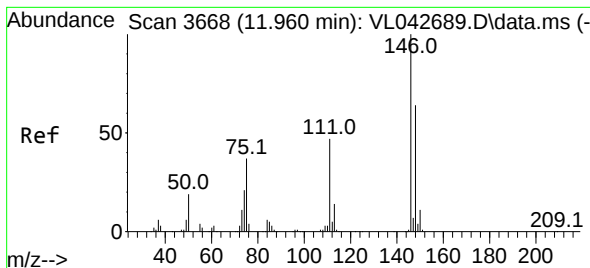
Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

148 63.6 31.8 95.4





#77

1,2-Dichlorobenzene

Concen: 8.754 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

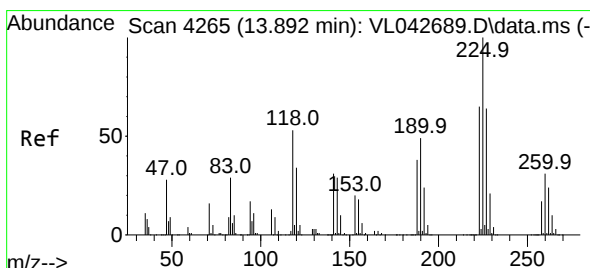
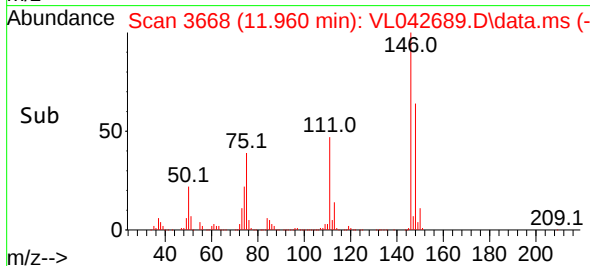
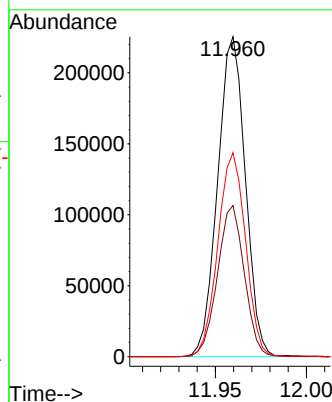
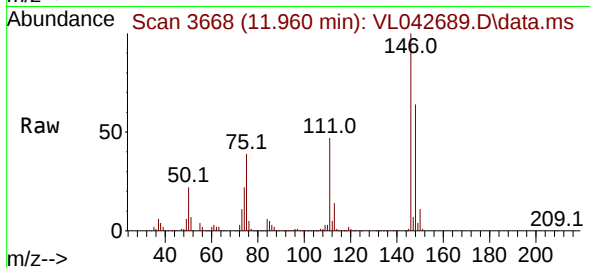
Tgt Ion:146 Resp: 238600

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.8

148 63.8 31.9 95.7



#78

Hexachloro-1,3-Butadiene

Concen: 7.888 ppbv

RT: 13.892 min Scan# 4265

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

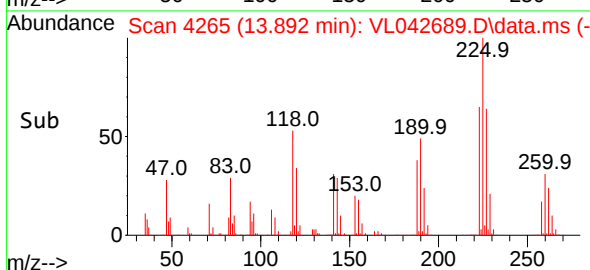
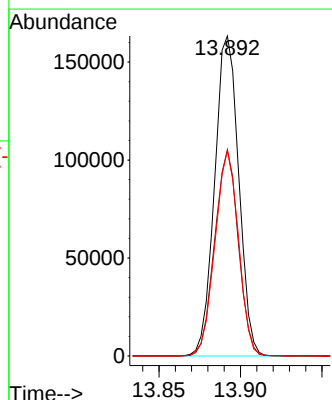
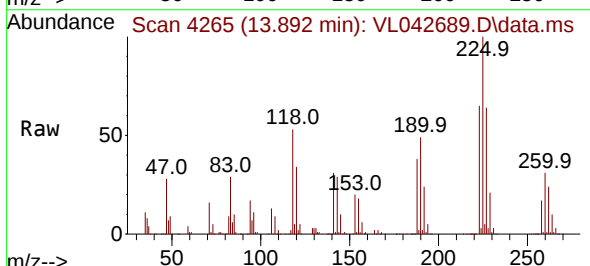
Tgt Ion:225 Resp: 167444

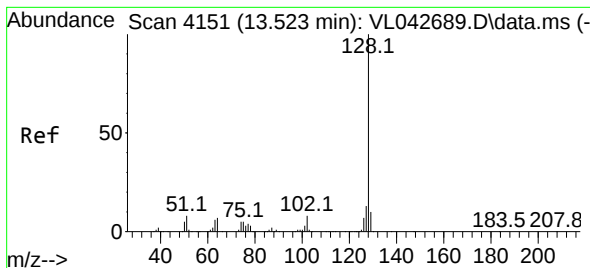
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 62.5 50.0 75.0





#79

Naphthalene

Concen: 11.964 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

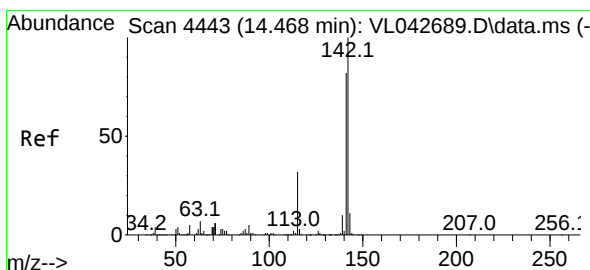
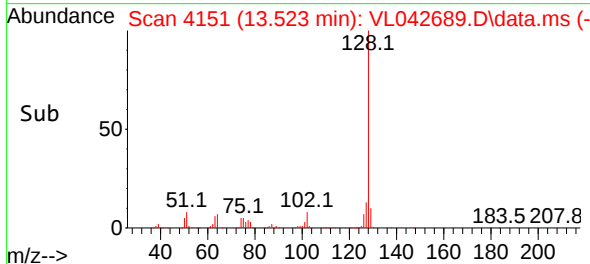
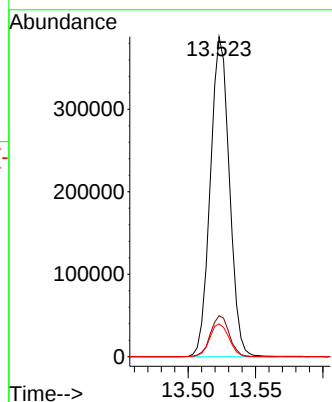
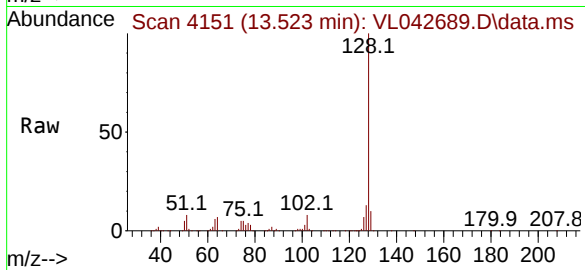
Tgt Ion:128 Resp: 381414

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.2 8.2 12.2



#80

Naphthalene,2-methyl-

Concen: 12.807 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. 0.000 min

Lab File: VL042689.D

Acq: 02 Jul 2025 08:23

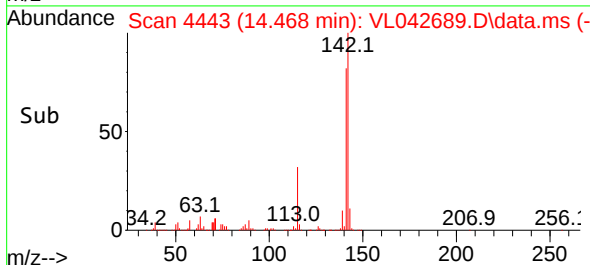
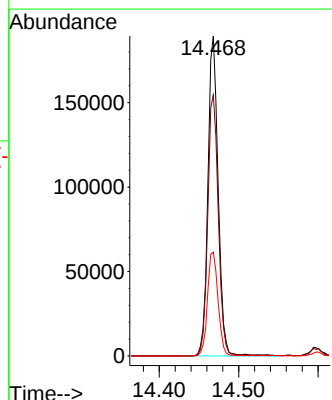
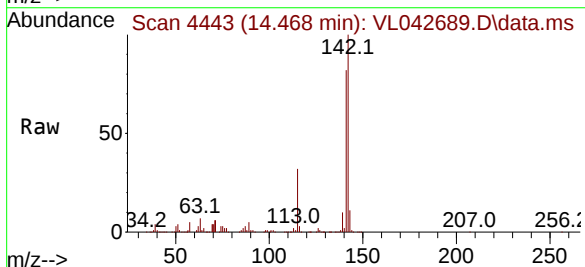
Tgt Ion:142 Resp: 170730

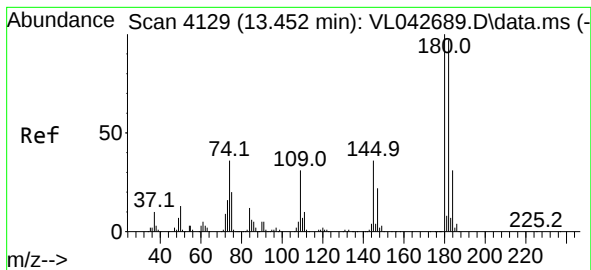
Ion Ratio Lower Upper

142 100

141 84.3 67.4 101.2

115 33.6 26.9 40.3





#81

1,2,4-Trichlorobenzene

Concen: 10.233 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042689.D

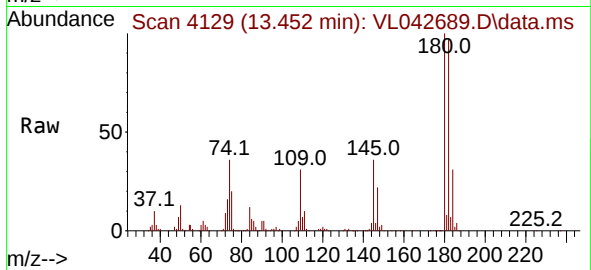
Acq: 02 Jul 2025 08:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 191399

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

184 30.5 24.4 36.6

