

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
 Data File : VL042706.D
 Acq On : 08 Jul 2025 08:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 09 01:25:15 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 01:50:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	117403	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	292675	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	252122	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	202018	10.417	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	117778	9.582	ppbv	100
3) Chlorodifluoromethane	1.476	51	178535	9.715	ppbv	98
4) Chloromethane	1.534	50	46130	9.569	ppbv	99
5) Vinyl Chloride	1.583	62	40567	8.372	ppbv	98
6) Bromomethane	1.670	94	20389	9.419	ppbv	99
7) Chloroethane	1.706	64	18132	9.746	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	95415	9.370	ppbv	100
9) Propene	1.486	41	63643	9.255	ppbv	98
10) Heptane	4.988	43	207508	11.112	ppbv	99
11) Trichlorofluoromethane	1.881	101	126354	9.750	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	99729	9.722	ppbv	100
13) Ethanol	1.722	45	5176	7.800	ppbv	95
14) Bromoethene	1.783	108	33994	9.509	ppbv	99
15) Acetone	1.839	43	100030	8.591	ppbv	100
16) 1,3-Butadiene	1.612	39	48527	9.044	ppbv	100
17) tert-Butyl alcohol	2.042	59	112027	9.862	ppbv	99
18) 1,1-Dichloroethene	2.036	96	42152	9.249	ppbv	93
19) Isopropyl Alcohol	1.887	45	61630	9.208	ppbv #	1
20) Methylene Chloride	2.065	84	36832	8.272	ppbv	98
21) Allyl Chloride	2.101	41	80768	9.944	ppbv	99
22) trans-1,2-Dichloroethene	2.343	96	48252	9.720	ppbv	96
23) Vinyl Acetate	2.466	43	198196	10.518	ppbv	98
24) 1,1-Dichloroethane	2.411	63	96006	9.357	ppbv	99
25) Ethyl Acetate	2.839	43	364260	10.342	ppbv	100
26) Hexane	2.829	57	155263	10.566	ppbv	99
27) Carbon Disulfide	2.152	76	120990	10.096	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	53007	8.816	ppbv	98
29) Chloroform	2.855	83	215386	9.703	ppbv	99
30) Cyclohexane	3.861	84	119623	10.796	ppbv	98
31) cis-1,2-Dichloroethene	2.725	61	136348	9.749	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	194399	9.128	ppbv	99
34) 2-Butanone	2.560	43	232880	10.053	ppbv	100
35) Carbon Tetrachloride	3.771	117	194668	9.613	ppbv	98
36) Benzene	3.664	78	297705	10.092	ppbv	98
37) 1,2-Dichloroethane	3.224	62	150291	9.593	ppbv	100
38) Trichloroethene	4.557	130	115053	9.028	ppbv	93
39) 1,2-Dichloropropane	4.321	63	114754	9.975	ppbv	99
40) 1,4-Dioxane	4.590	88	46617	10.457	ppbv #	95
41) Tetrahydrofuran	3.059	42	126483	10.715	ppbv	98
42) Bromodichloromethane	4.499	83	224021	10.096	ppbv	97
43) Methyl Methacrylate	4.887	69	107128	11.293	ppbv	97
44) 2,2,4-Trimethylpentane	4.651	57	539635	10.890	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	104712	10.516	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

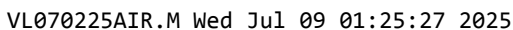
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

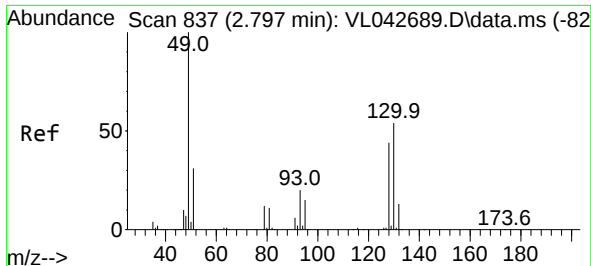
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	142602	10.379	ppbv	96
47) 1,1,2-Trichloroethane	6.593	97	114699	10.123	ppbv	97
48) Dibromochloromethane	7.396	129	177016	10.203	ppbv	98
49) Bromoform	9.490	173	154200	10.290	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	304211	11.215	ppbv	99
51) 2-Hexanone	7.444	43	236690	11.993	ppbv #	99
52) Tetrachloroethene	8.234	164	95096	9.645	ppbv	95
53) Toluene	6.943	91	310018	11.256	ppbv	99
54) 1,2-Dibromoethane	7.661	107	162972	10.318	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.930	131	140004	10.270	ppbv	98
57) Chlorobenzene	8.930	112	256415	10.137	ppbv	97
58) Ethyl Benzene	9.364	91	434385	11.914	ppbv	99
59) m/p-Xylene	9.538	91	362519	11.870	ppbv #	30
60) o-Xylene	9.972	91	358517	11.934	ppbv	99
61) Styrene	9.878	104	142114	12.042	ppbv	99
62) Isopropylbenzene	10.545	105	515613	11.371	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	244497	10.568	ppbv	100
64) n-propylbenzene	10.995	120	138163	11.901	ppbv	100
65) tert-Butylbenzene	11.539	119	449911	11.592	ppbv	98
66) Benzyl Chloride	11.620	91	45524	12.106	ppbv	99
67) sec-Butylbenzene	11.772	105	658647	11.077	ppbv	100
69) p-Isopropyltoluene	11.930	119	533852	11.281	ppbv	100
70) n-Butylbenzene	12.286	91	551840	11.575	ppbv	99
71) 2-Chlorotoluene	10.908	91	388185	11.572	ppbv	99
72) 4-Ethyltoluene	11.131	105	436294	11.902	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	359909	11.645	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	395812	11.226	ppbv	99
75) 1,3-Dichlorobenzene	11.613	146	253276	10.239	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	250036	10.651	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	247106	9.889	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	171064	8.789	ppbv	99
79) Naphthalene	13.516	128	363417	12.350	ppbv	98
80) Naphthalene,2-methyl-	14.461	142	134241	10.983	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	186151	10.855	ppbv	99

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

Quant Time: Jul 09 01:25:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
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QLast Update : Thu Jul 03 01:50:16 2025
Response via : Initial Calibration

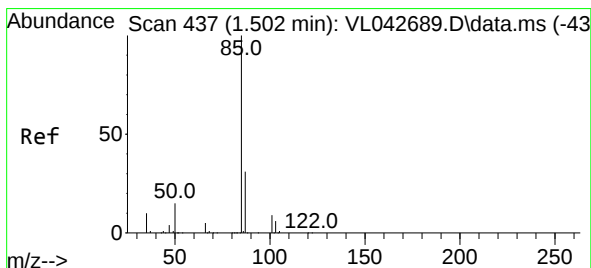
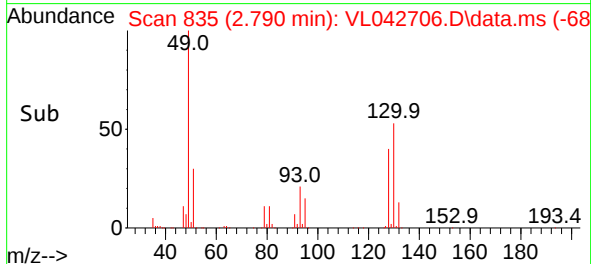
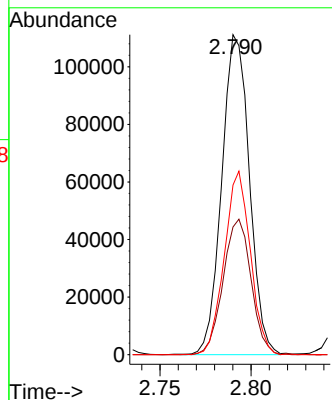
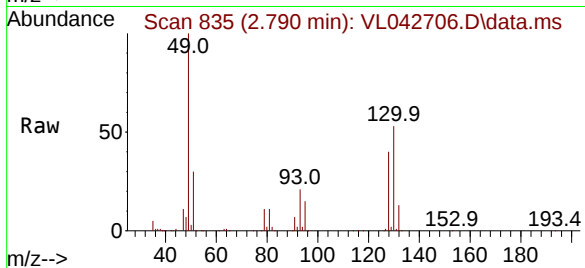




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

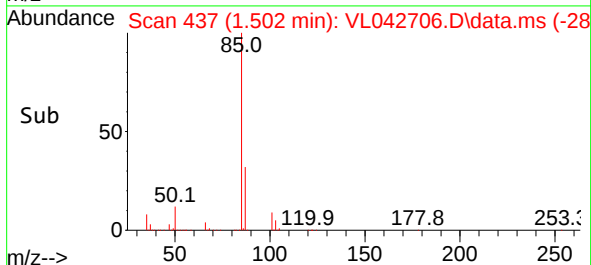
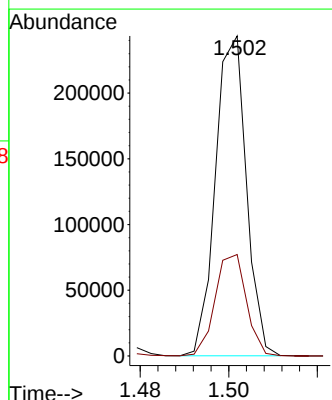
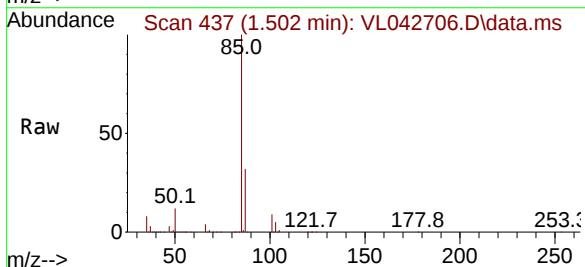
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

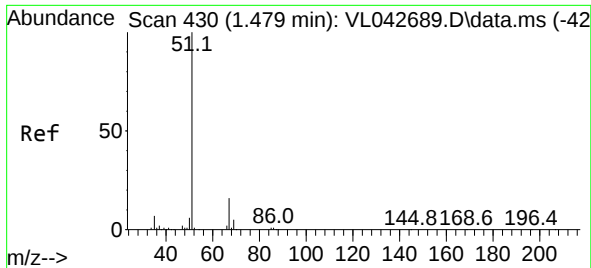
Tgt Ion: 49 Resp: 117403
Ion Ratio Lower Upper
49 100
128 42.8 21.4 64.2
130 54.1 28.0 84.0



#2
Dichlorodifluoromethane
Concen: 9.582 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 85 Resp: 117778
Ion Ratio Lower Upper
85 100
87 31.7 25.1 37.7

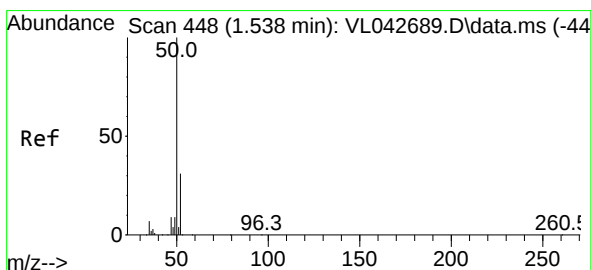
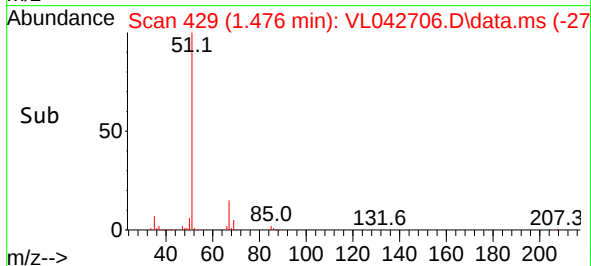
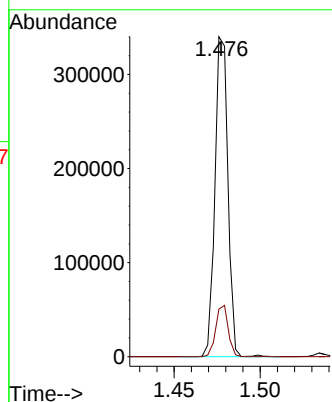
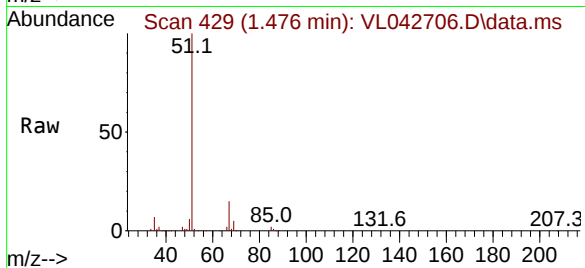




#3
Chlorodifluoromethane
Concen: 9.715 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

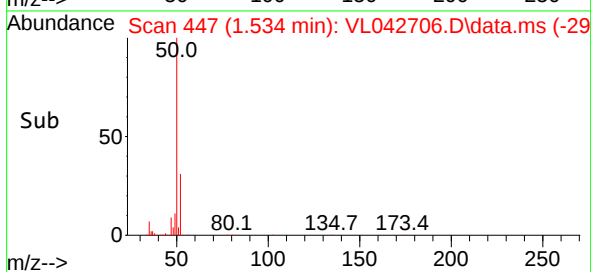
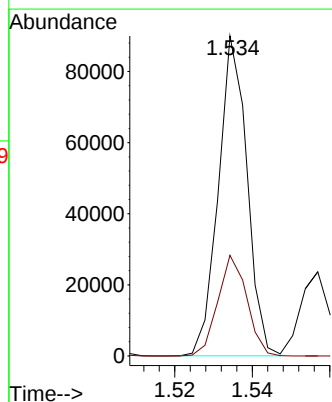
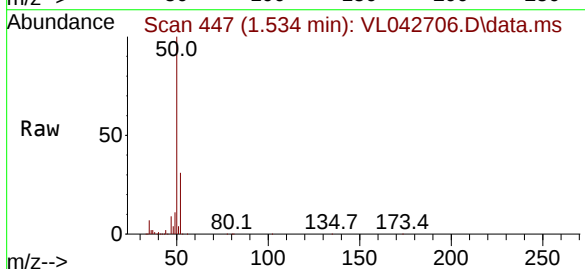
Instrument :
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ClientSampleId :
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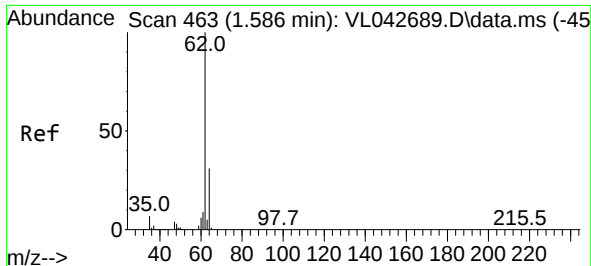
Tgt Ion: 51 Resp: 178535
Ion Ratio Lower Upper
51 100
67 15.4 13.1 19.7



#4
Chloromethane
Concen: 9.569 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 50 Resp: 46130
Ion Ratio Lower Upper
50 100
52 31.5 24.8 37.2

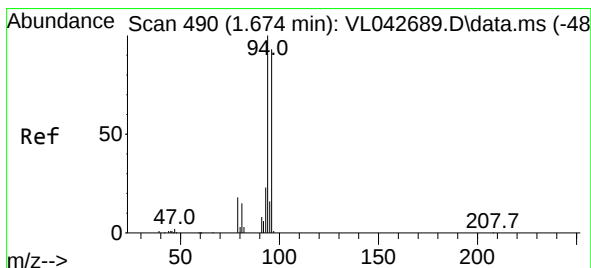
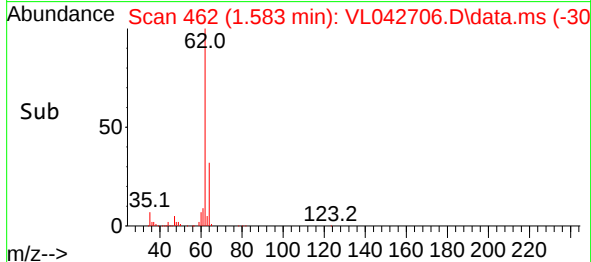
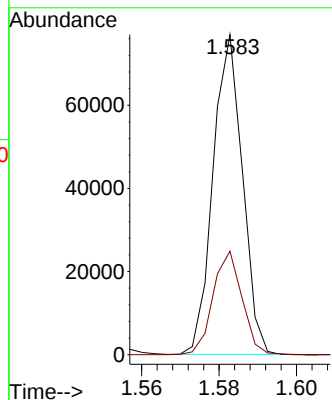
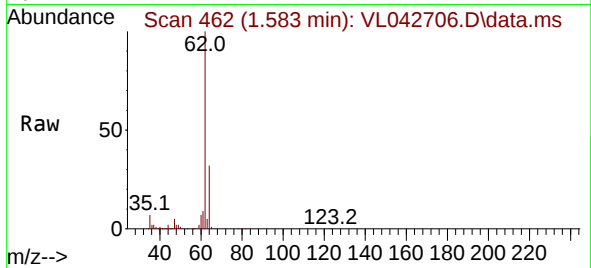




#5
 Vinyl Chloride
 Concen: 8.372 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

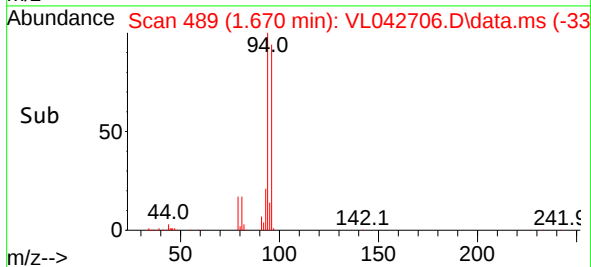
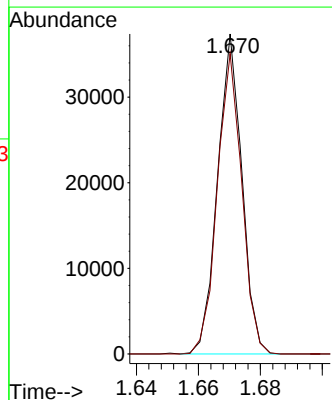
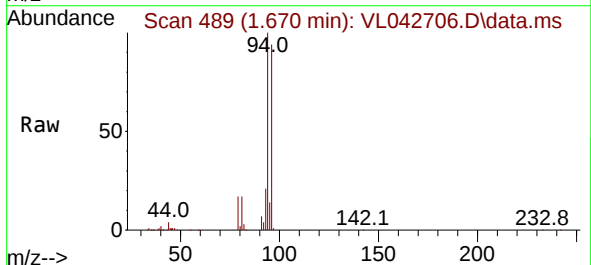
Instrument :
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 ClientSampleId :
 VSTDCCC010

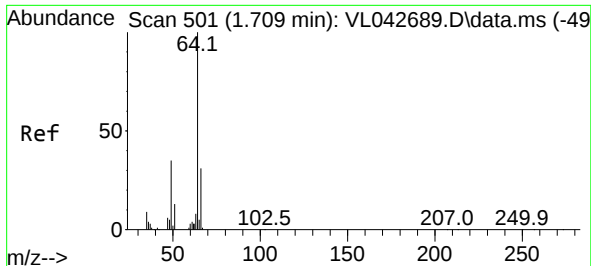
Tgt Ion: 62 Resp: 40567
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.1 37.7



#6
 Bromomethane
 Concen: 9.419 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 94 Resp: 20389
 Ion Ratio Lower Upper
 94 100
 96 93.8 74.6 112.0

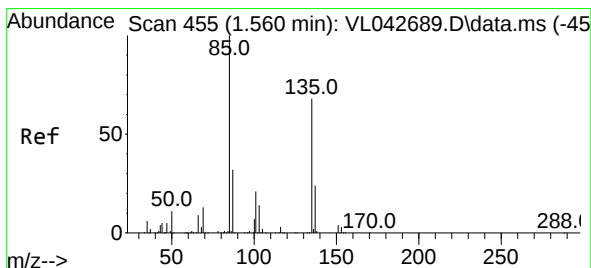
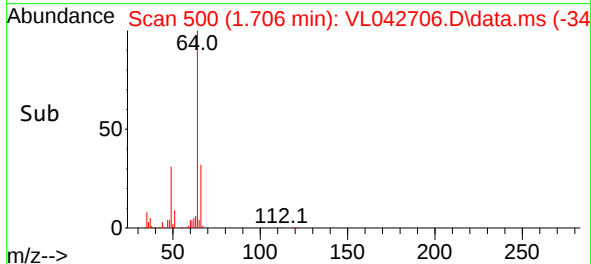
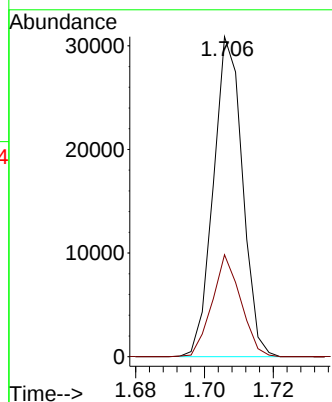
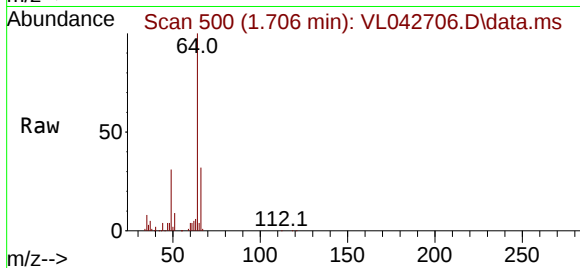




#7
Chloroethane
Concen: 9.746 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

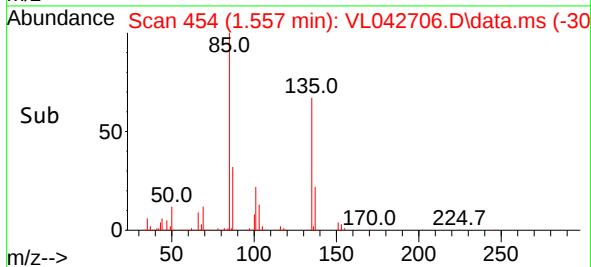
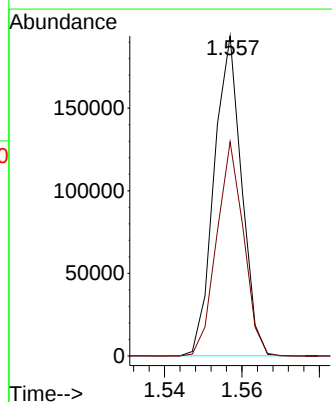
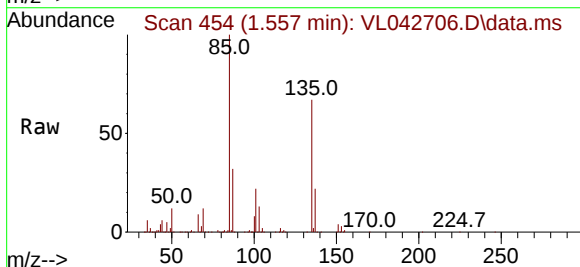
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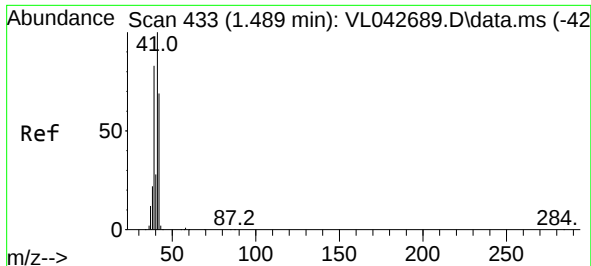
Tgt Ion: 64 Resp: 18132
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.370 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 85 Resp: 95415
Ion Ratio Lower Upper
85 100
135 65.7 52.6 79.0





#9

Propene

Concen: 9.255 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

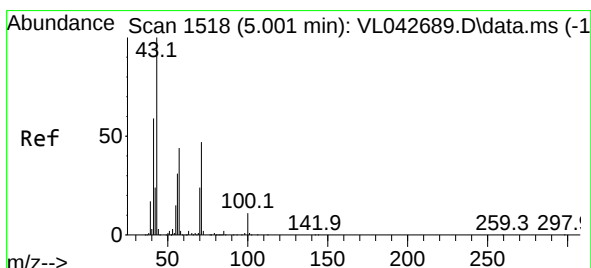
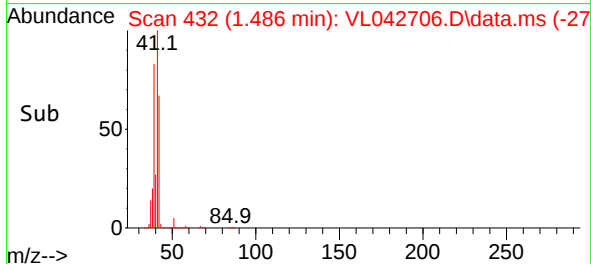
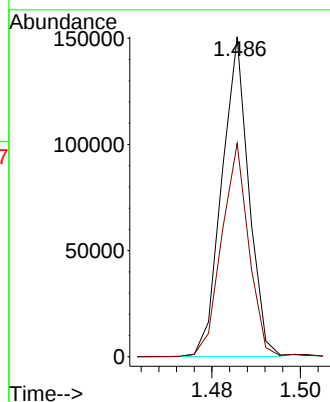
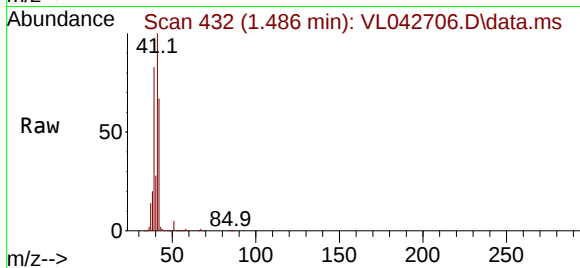
VSTDCCC010

Tgt Ion: 41 Resp: 63643

Ion Ratio Lower Upper

41 100

42 68.1 55.6 83.4



#10

Heptane

Concen: 11.112 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. -0.013 min

Lab File: VL042706.D

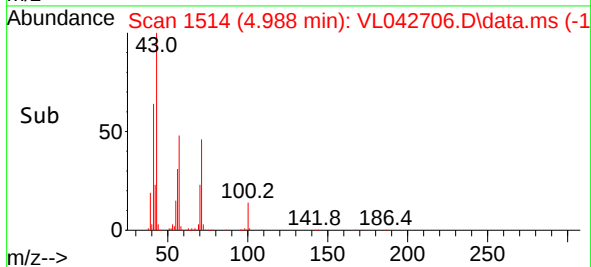
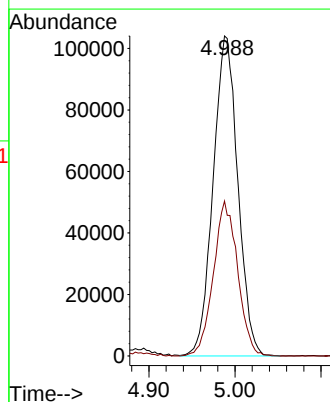
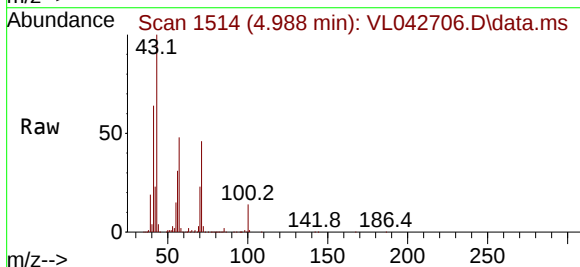
Acq: 08 Jul 2025 08:55

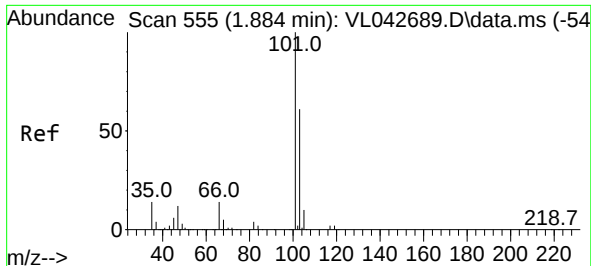
Tgt Ion: 43 Resp: 207508

Ion Ratio Lower Upper

43 100

57 47.4 37.4 56.0

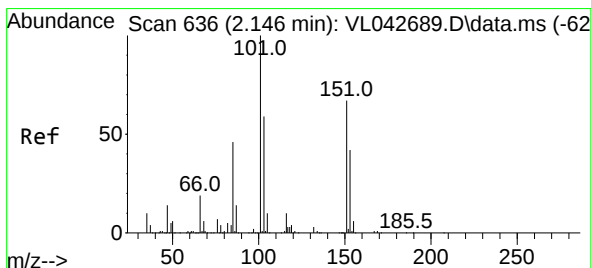
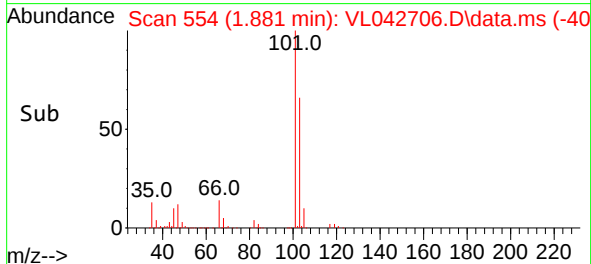
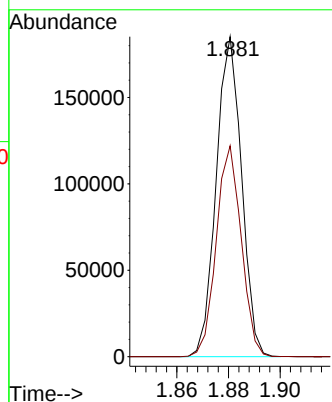
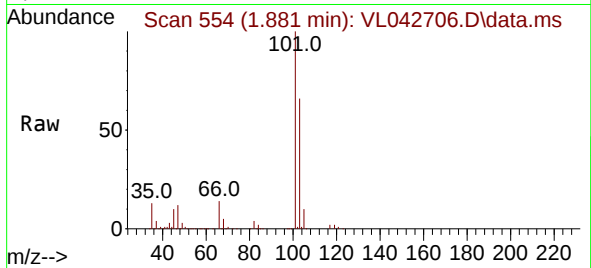




#11
 Trichlorofluoromethane
 Concen: 9.750 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

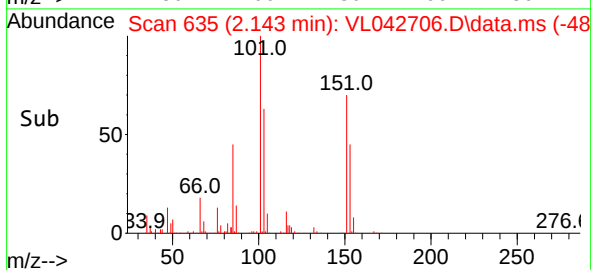
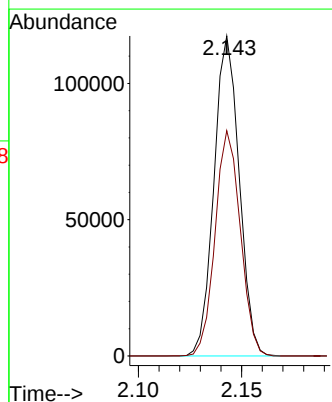
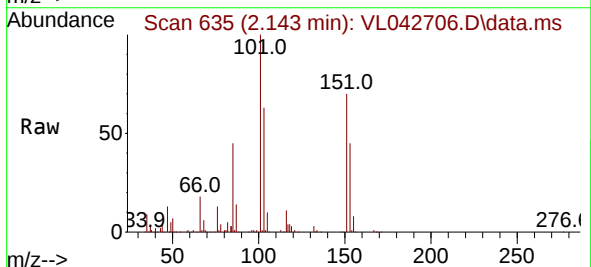
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

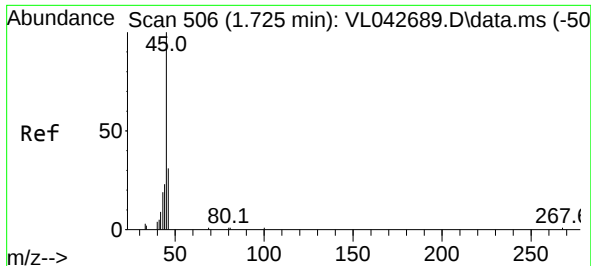
Tgt Ion:101 Resp: 126354
 Ion Ratio Lower Upper
 101 100
 103 65.9 48.9 73.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.722 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion:101 Resp: 99729
 Ion Ratio Lower Upper
 101 100
 151 70.3 56.6 84.8

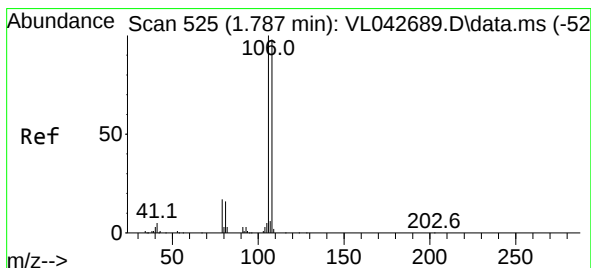
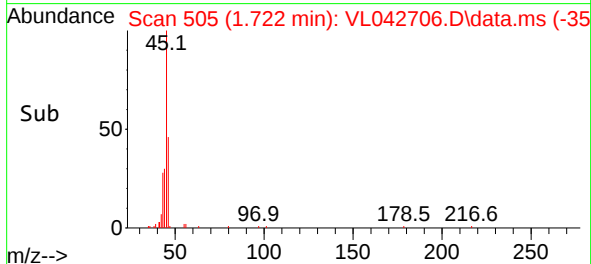
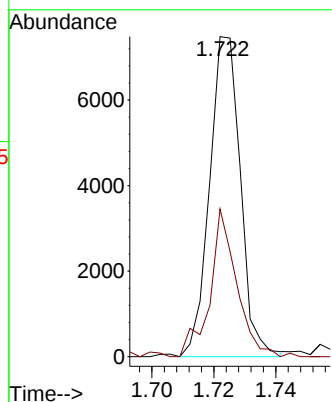
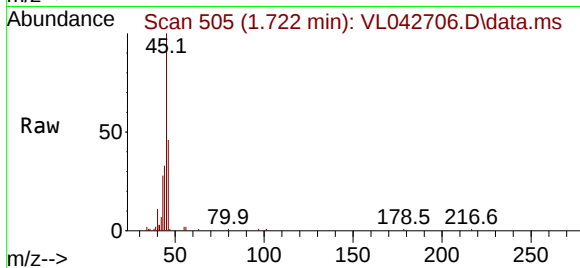




#13
Ethanol
Concen: 7.800 ppbv
RT: 1.722 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

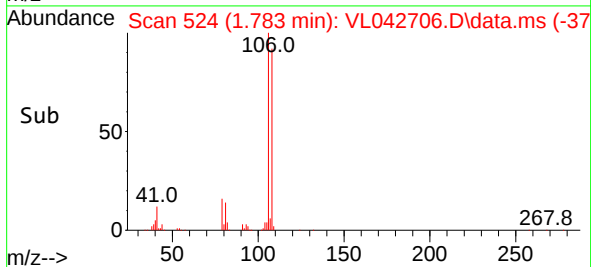
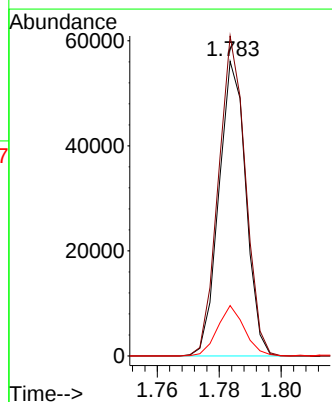
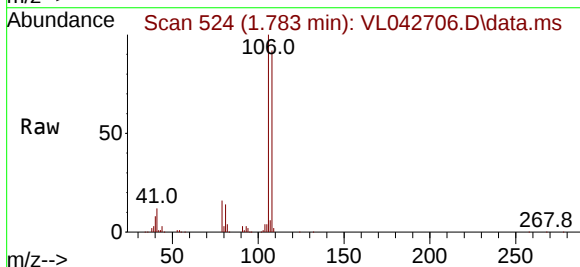
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

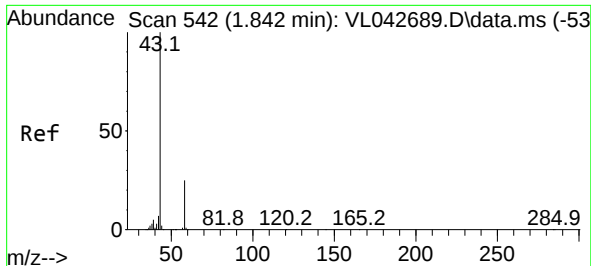
Tgt Ion: 45 Resp: 5176
Ion Ratio Lower Upper
45 100
46 41.1 15.2 60.8



#14
Bromoethene
Concen: 9.509 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 108 Resp: 33994
Ion Ratio Lower Upper
108 100
106 108.6 85.9 128.9
79 17.4 14.5 21.7

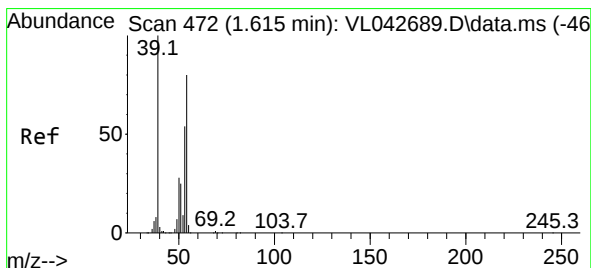
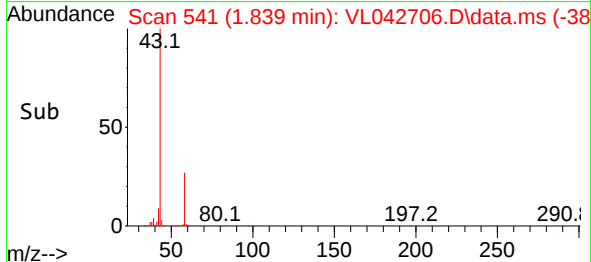
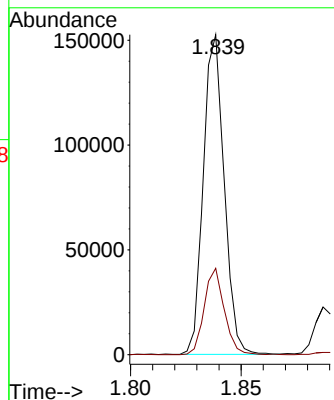
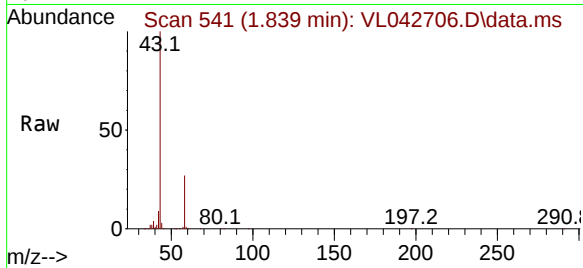




#15
Acetone
Concen: 8.591 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

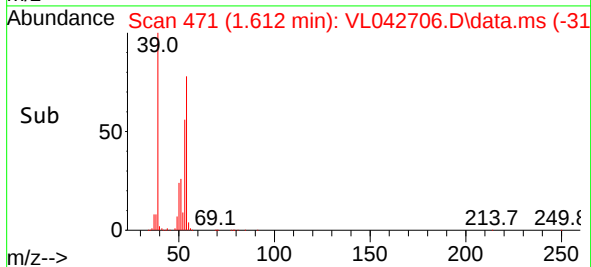
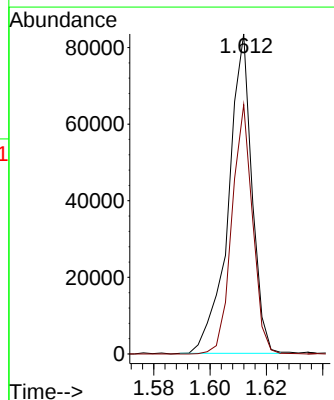
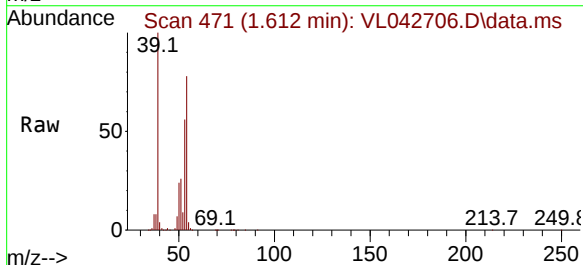
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

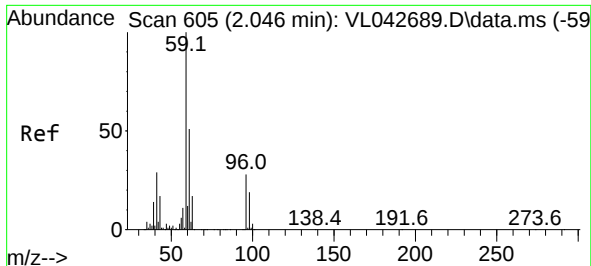
Tgt Ion: 43 Resp: 100030
Ion Ratio Lower Upper
43 100
58 26.0 20.6 31.0



#16
1,3-Butadiene
Concen: 9.044 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 39 Resp: 48527
Ion Ratio Lower Upper
39 100
54 68.3 54.9 82.3





#17

tert-Butyl alcohol

Concen: 9.862 ppbv

RT: 2.042 min Scan# 605

Delta R.T. -0.003 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

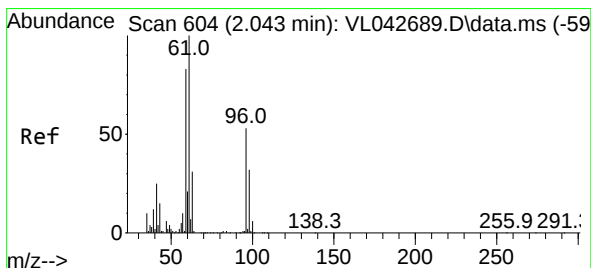
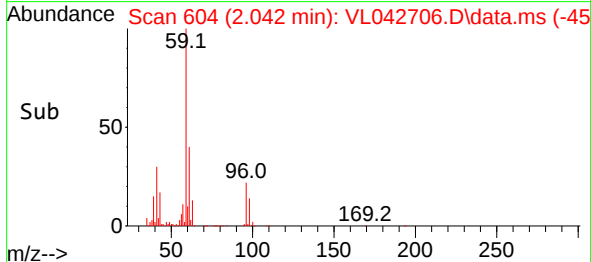
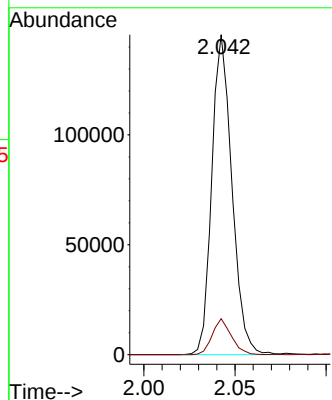
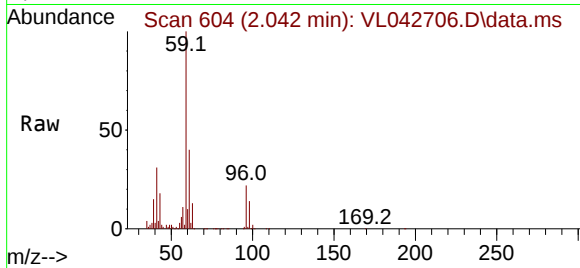
VSTDCCC010

Tgt Ion: 59 Resp: 112027

Ion Ratio Lower Upper

59 100

57 10.7 8.8 13.2



#18

1,1-Dichloroethene

Concen: 9.249 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

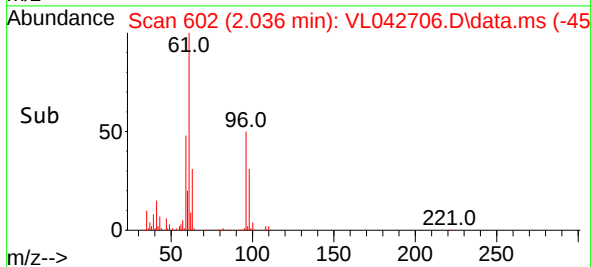
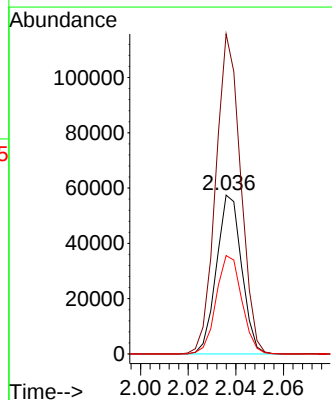
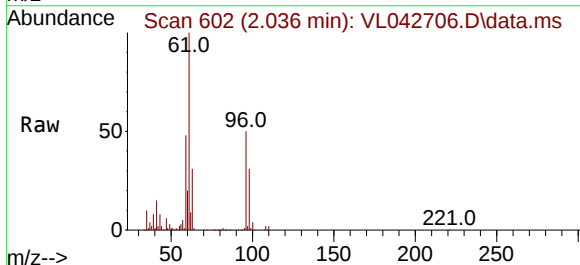
Tgt Ion: 96 Resp: 42152

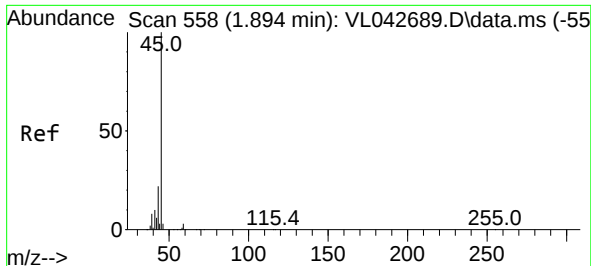
Ion Ratio Lower Upper

96 100

61 201.4 151.0 226.6

98 62.0 49.0 73.4

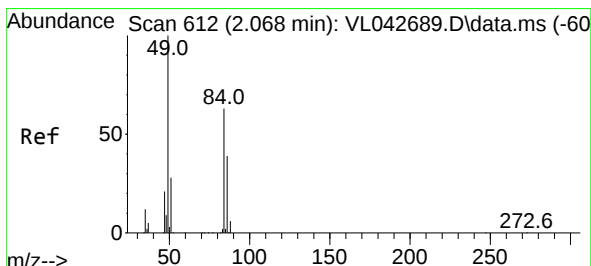
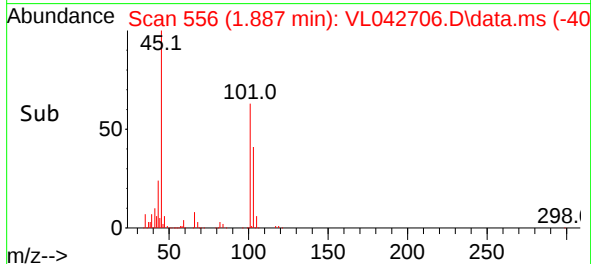
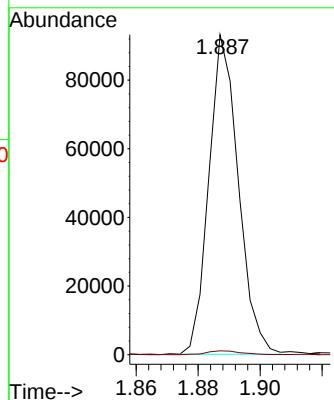
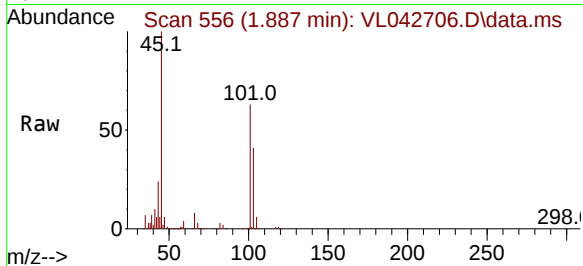




#19
Isopropyl Alcohol
Concen: 9.208 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

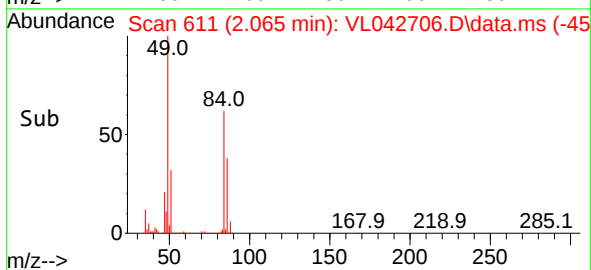
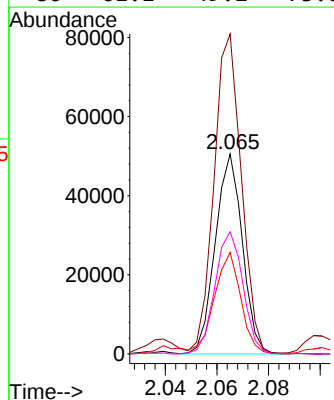
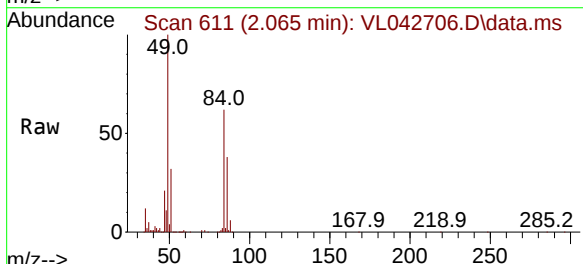
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

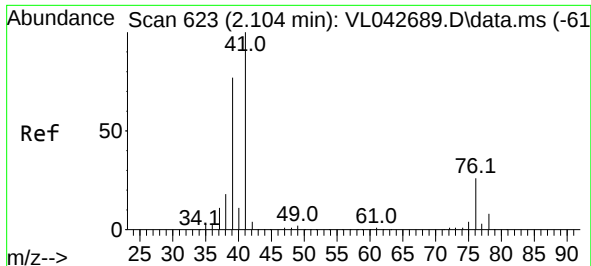
Tgt Ion: 45 Resp: 61630
Ion Ratio Lower Upper
45 100
58 42.3 1.4 2.2#



#20
Methylene Chloride
Concen: 8.272 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 84 Resp: 36832
Ion Ratio Lower Upper
84 100
49 159.6 128.6 193.0
51 50.6 37.4 56.2
86 61.1 49.2 73.8

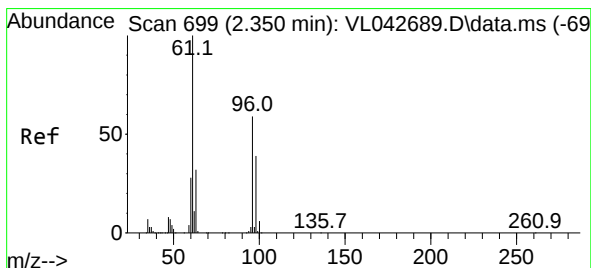
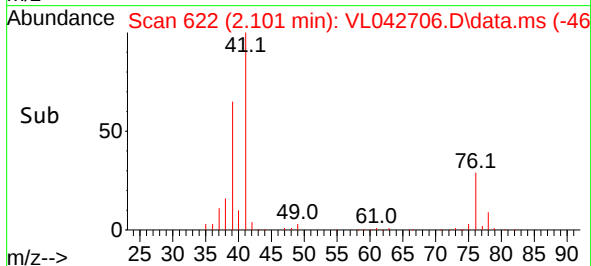
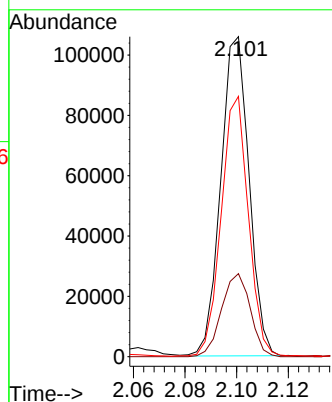
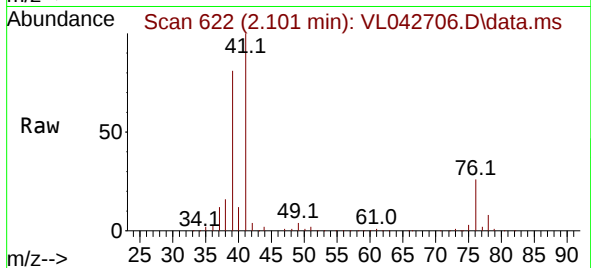




#21
 Allyl Chloride
 Concen: 9.944 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

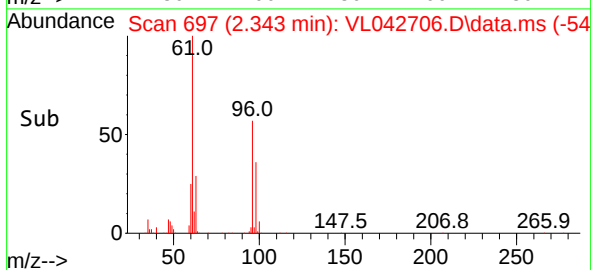
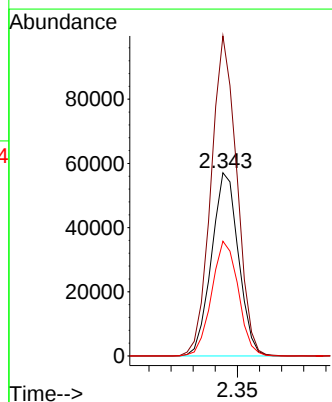
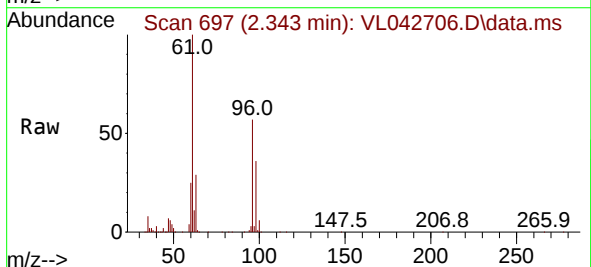
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

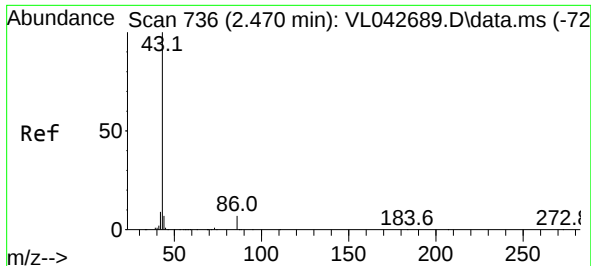
Tgt Ion: 41 Resp: 80768
 Ion Ratio Lower Upper
 41 100
 76 26.3 21.7 32.5
 39 78.2 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.720 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 96 Resp: 48252
 Ion Ratio Lower Upper
 96 100
 61 174.5 136.5 204.7
 98 62.6 53.5 80.3



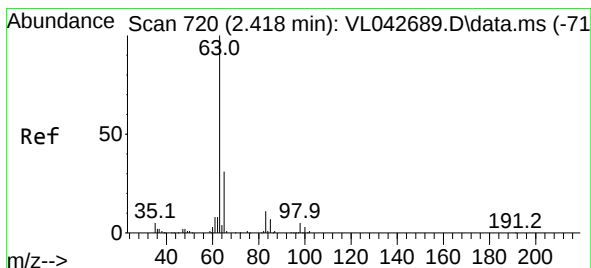
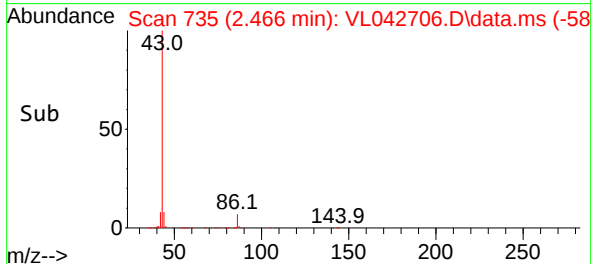
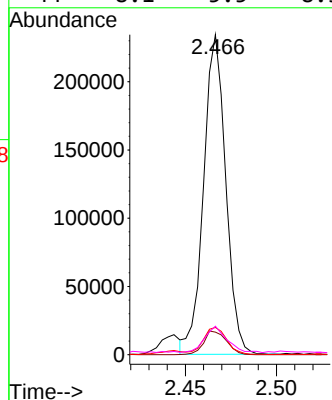
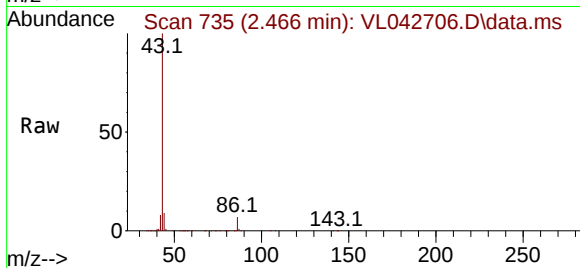


#23
 Vinyl Acetate
 Concen: 10.518 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 198196

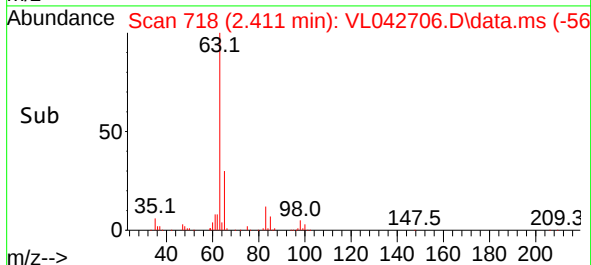
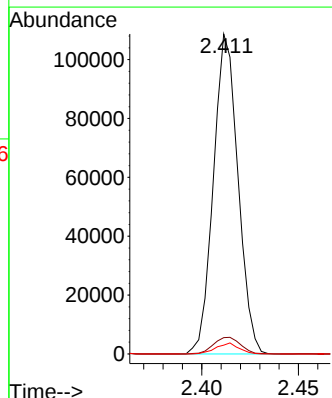
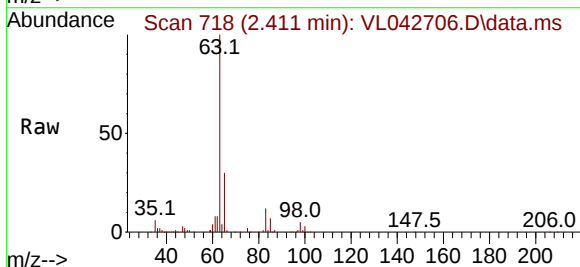
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.8	8.6
42	8.4	7.2	10.8
44	8.1	5.5	8.3

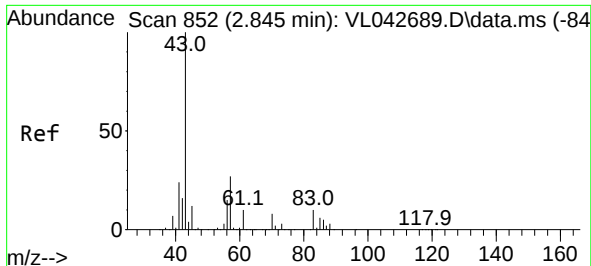


#24
 1,1-Dichloroethane
 Concen: 9.357 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 63 Resp: 96006

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.5	7.6
100	2.7	1.7	5.0

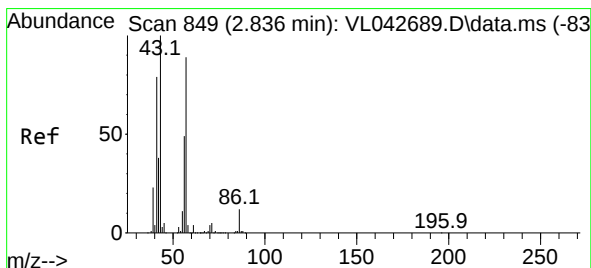
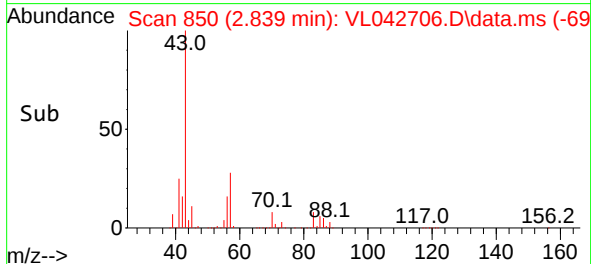
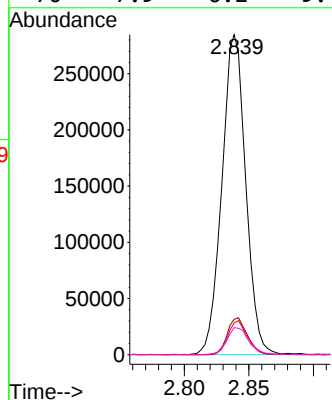
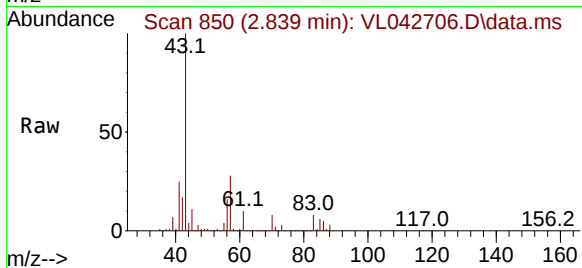




#25
Ethyl Acetate
Concen: 10.342 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

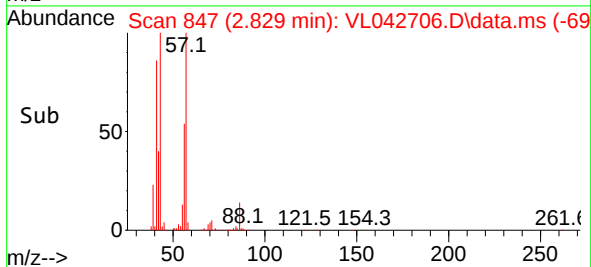
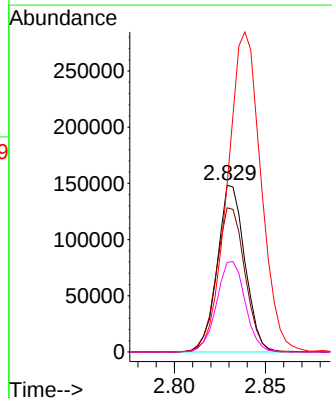
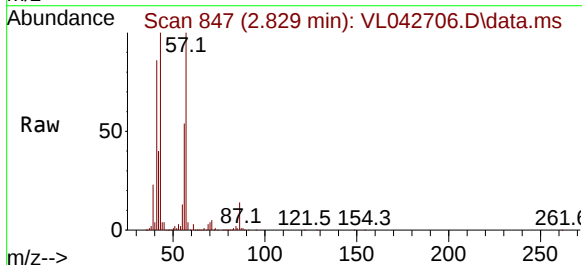
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

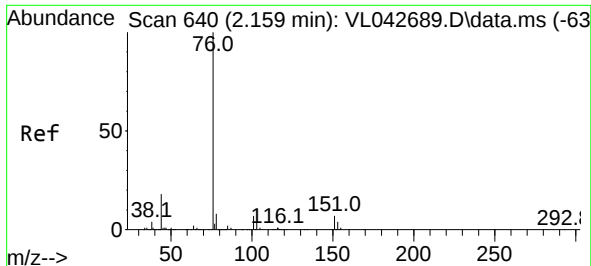
Tgt Ion: 43 Resp: 364260
Ion Ratio Lower Upper
43 100
45 9.7 8.1 12.1
61 8.8 7.0 10.6
70 7.9 6.2 9.4



#26
Hexane
Concen: 10.566 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 57 Resp: 155263
Ion Ratio Lower Upper
57 100
41 91.7 73.7 110.5
43 235.6 190.6 285.8
56 56.5 44.8 67.2

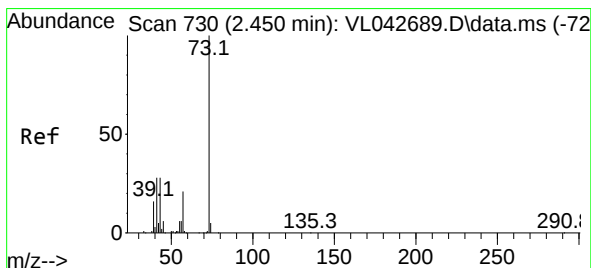
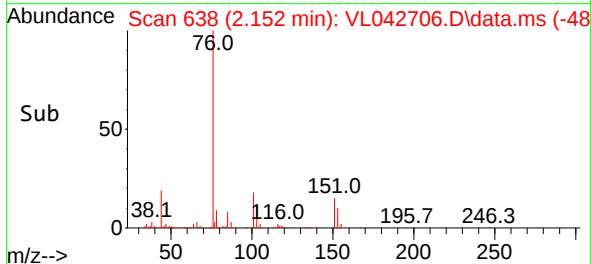
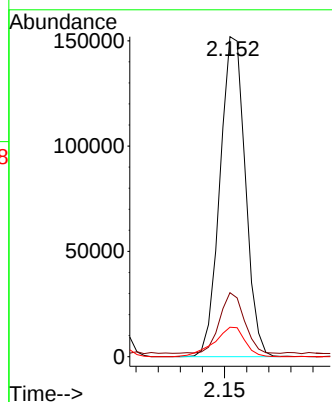
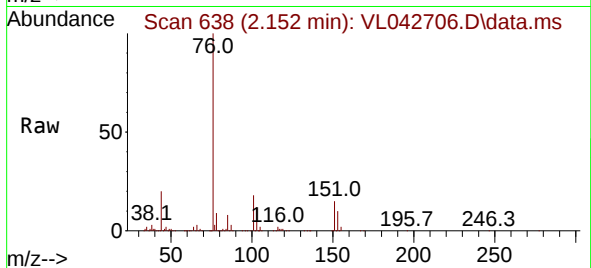




#27
Carbon Disulfide
Concen: 10.096 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

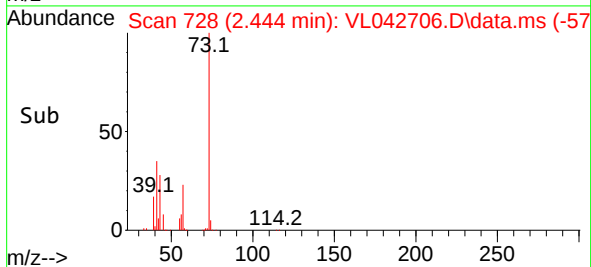
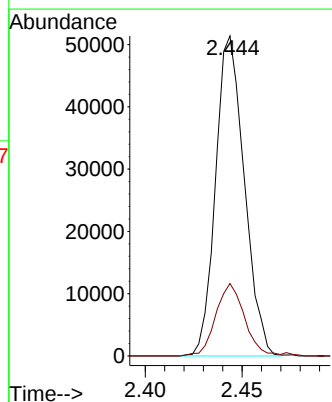
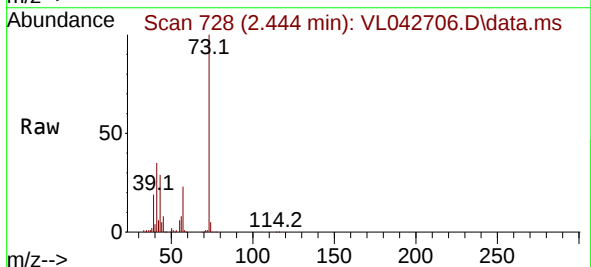
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

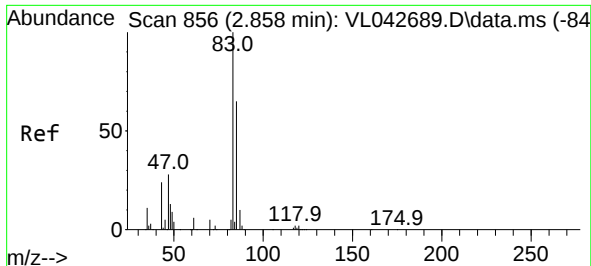
Tgt Ion: 76 Resp: 120990
Ion Ratio Lower Upper
76 100
44 18.8 15.6 23.4
78 11.2 9.2 13.8



#28
Methyl tert-Butyl Ether
Concen: 8.816 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 73 Resp: 53007
Ion Ratio Lower Upper
73 100
57 22.9 19.3 28.9





#29

Chloroform

Concen: 9.703 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

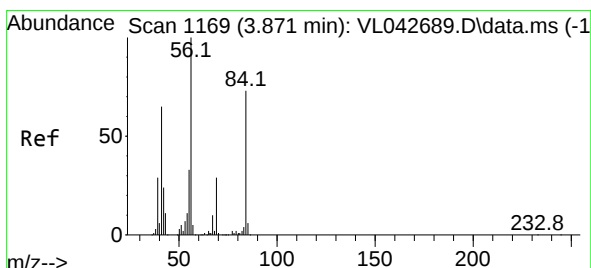
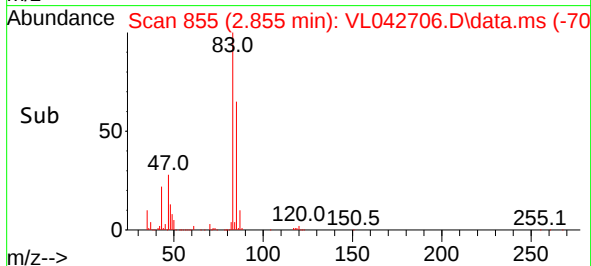
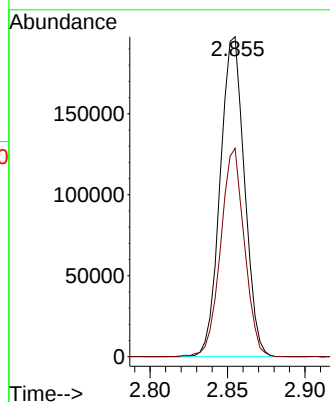
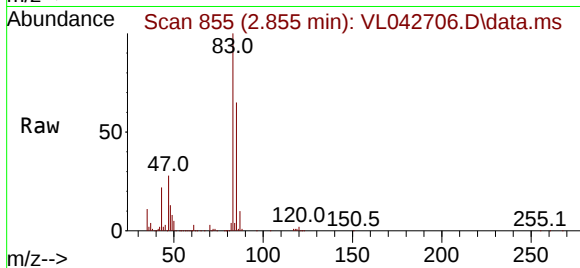
VSTDCCC010

Tgt Ion: 83 Resp: 215386

Ion Ratio Lower Upper

83 100

85 65.1 52.4 78.6



#30

Cyclohexane

Concen: 10.796 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

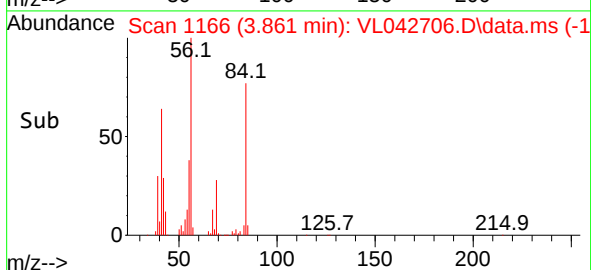
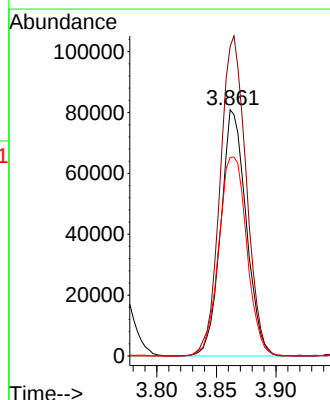
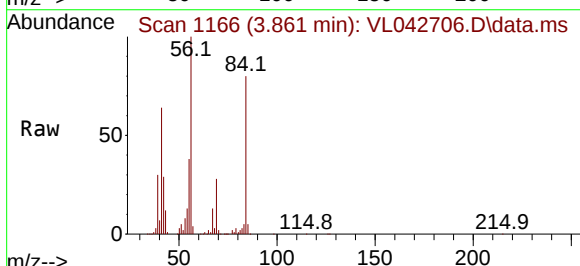
Tgt Ion: 84 Resp: 119623

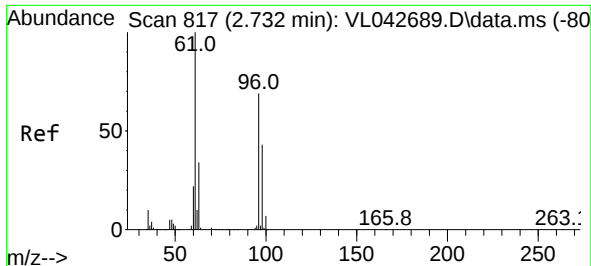
Ion Ratio Lower Upper

84 100

56 133.2 110.4 165.6

41 89.4 71.4 107.0

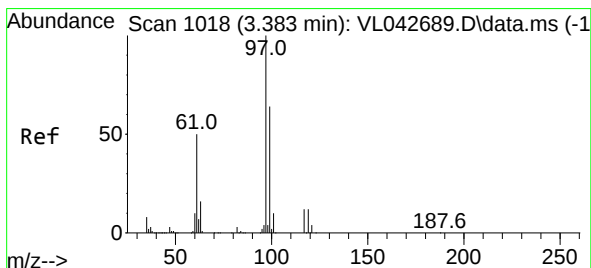
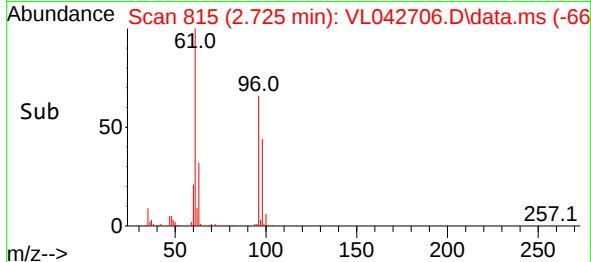
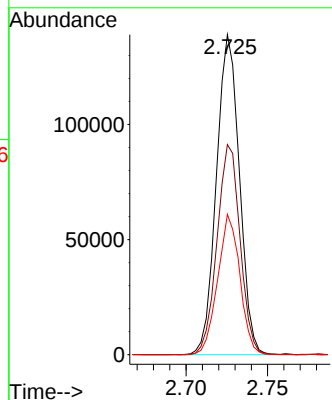
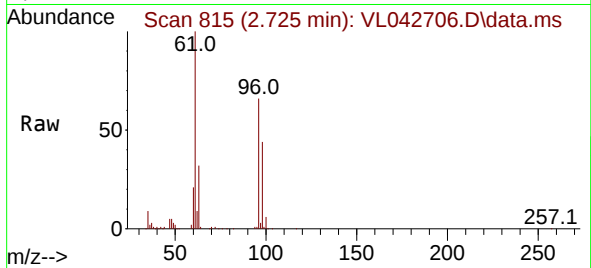




#31
 cis-1,2-Dichloroethene
 Concen: 9.749 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

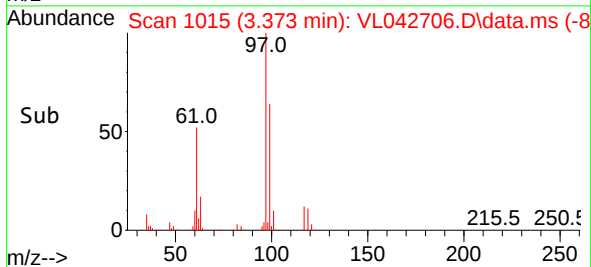
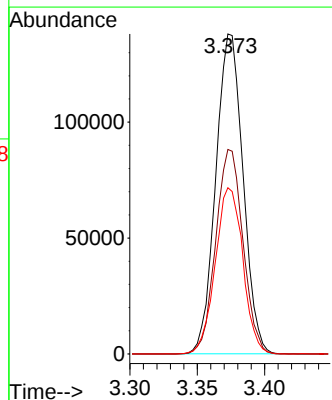
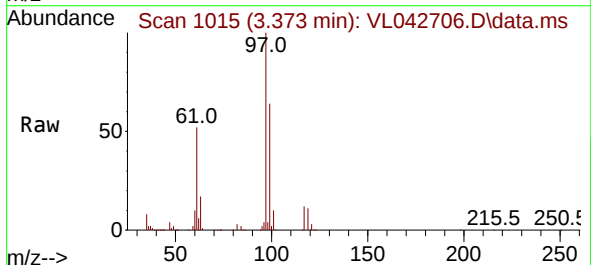
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

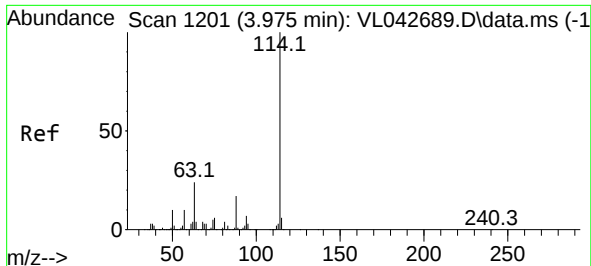
Tgt Ion: 61 Resp: 136348
 Ion Ratio Lower Upper
 61 100
 96 65.7 54.8 82.2
 98 43.8 34.7 52.1



#32
 1,1,1-Trichloroethane
 Concen: 9.128 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.010 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 97 Resp: 194399
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.4 77.0
 61 52.6 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

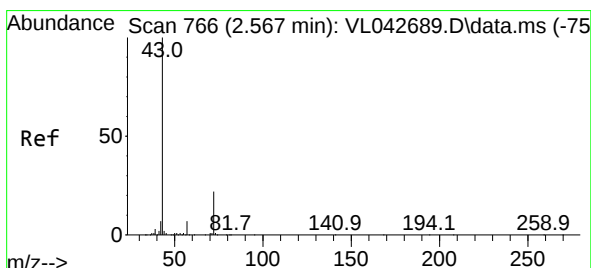
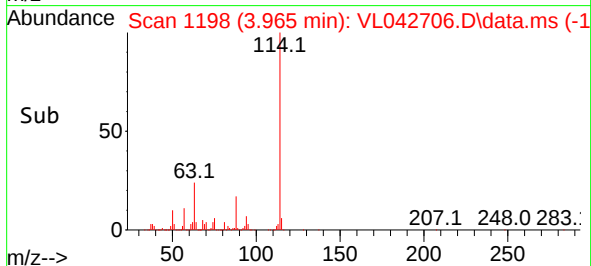
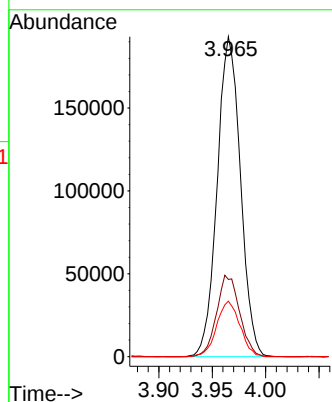
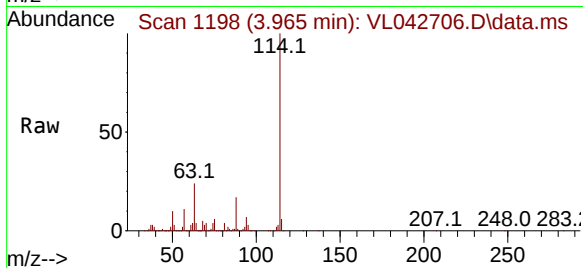
Tgt Ion:114 Resp: 292675

Ion Ratio Lower Upper

114 100

63 25.2 20.4 30.6

88 17.4 14.2 21.2



#34

2-Butanone

Concen: 10.053 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.007 min

Lab File: VL042706.D

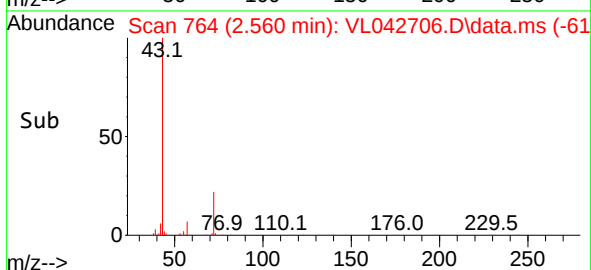
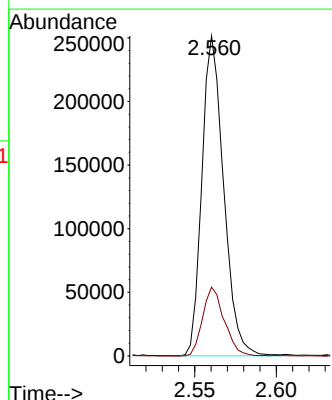
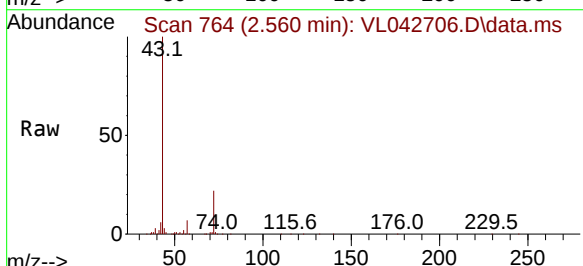
Acq: 08 Jul 2025 08:55

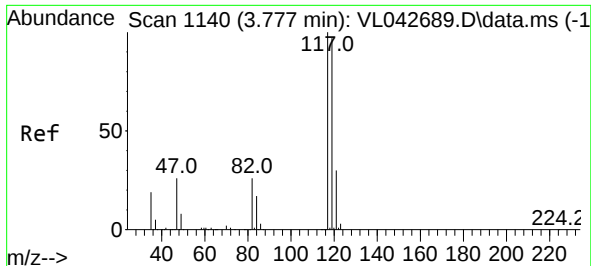
Tgt Ion: 43 Resp: 232880

Ion Ratio Lower Upper

43 100

72 21.4 17.1 25.7

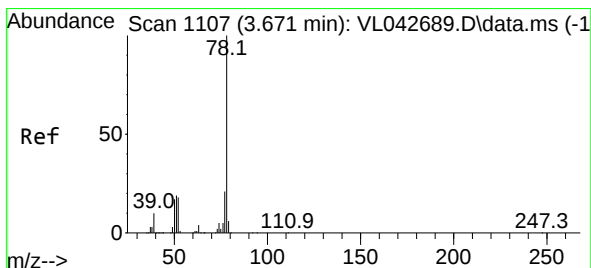
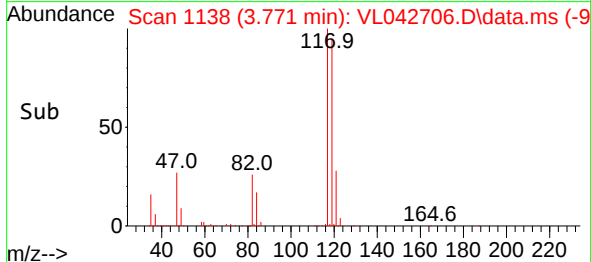
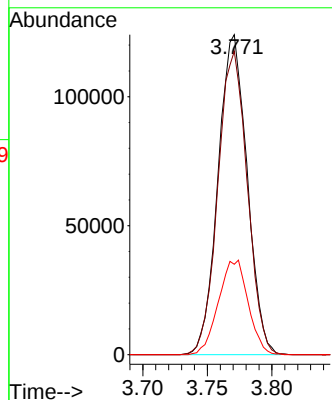
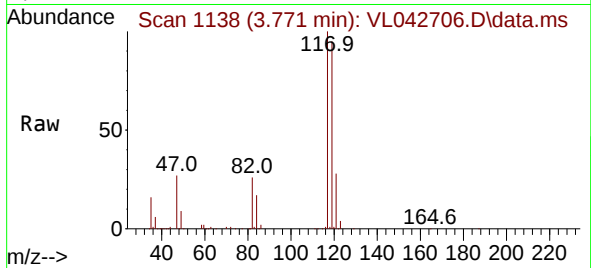




#35
Carbon Tetrachloride
Concen: 9.613 ppbv
RT: 3.771 min Scan# 1140
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

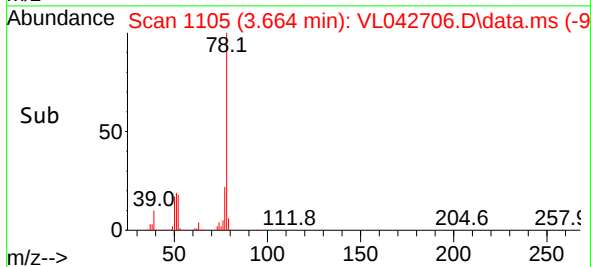
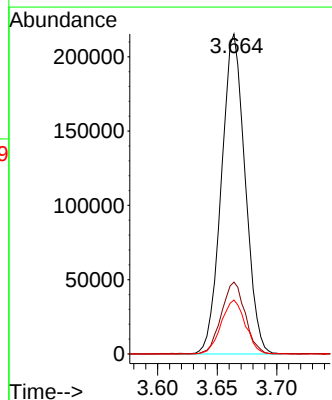
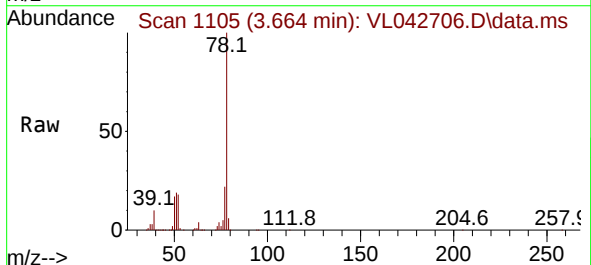
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

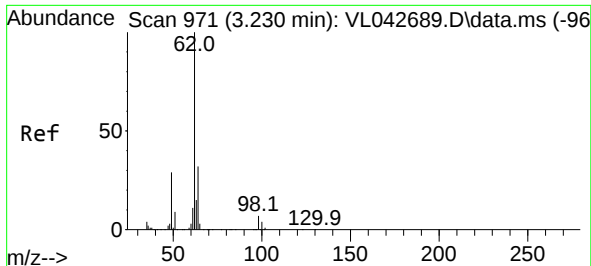
Tgt Ion:117 Resp: 194668
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4
121 28.3 24.0 36.0



#36
Benzene
Concen: 10.092 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 78 Resp: 297705
Ion Ratio Lower Upper
78 100
77 22.4 17.0 25.4
50 16.9 13.7 20.5





#37

1,2-Dichloroethane

Concen: 9.593 ppbv

RT: 3.224 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

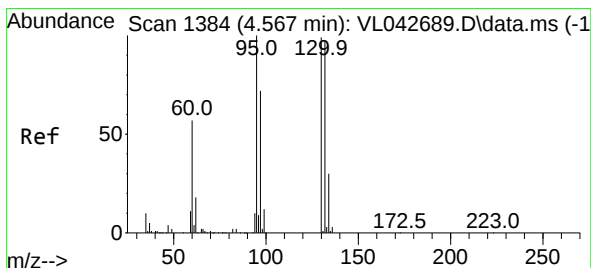
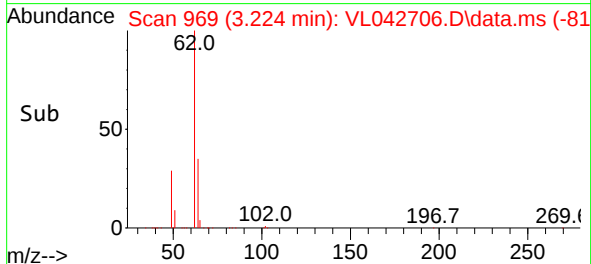
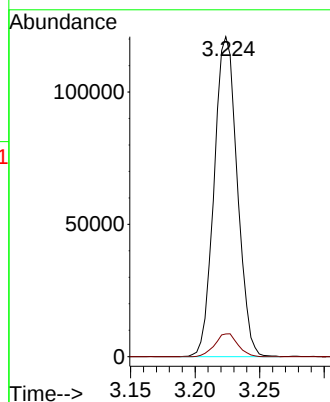
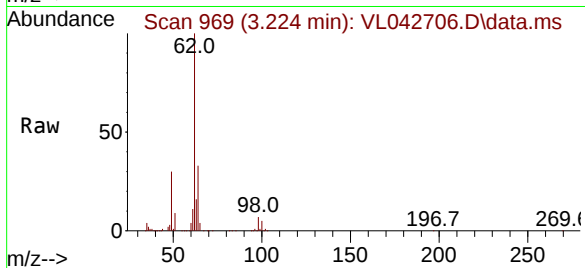
VSTDCCC010

Tgt Ion: 62 Resp: 150291

Ion Ratio Lower Upper

62 100

98 7.1 5.8 8.8



#38

Trichloroethene

Concen: 9.028 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion:130 Resp: 115053

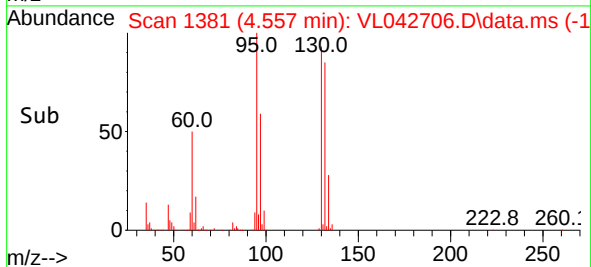
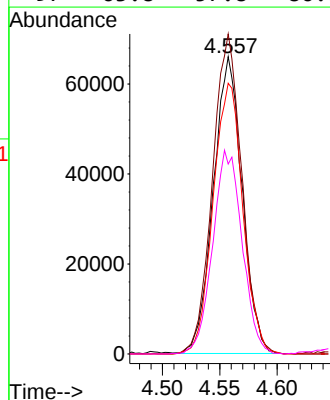
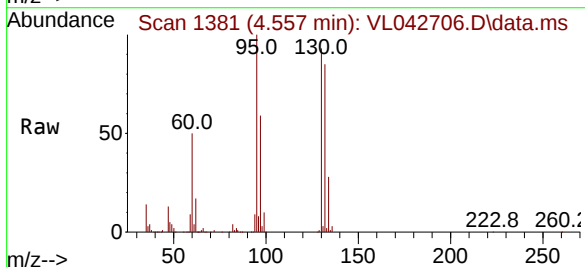
Ion Ratio Lower Upper

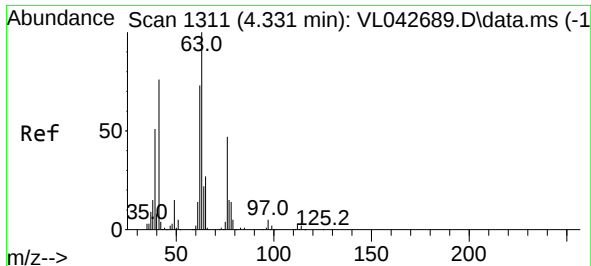
130 100

95 107.5 81.1 121.7

132 91.0 77.9 116.9

97 63.8 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.975 ppbv

RT: 4.321 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

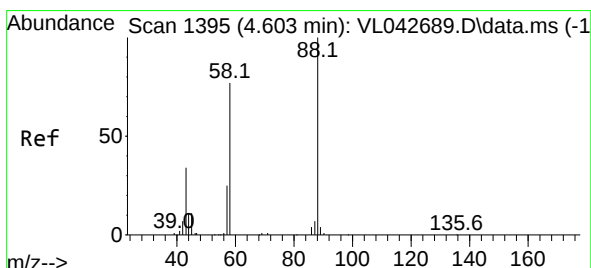
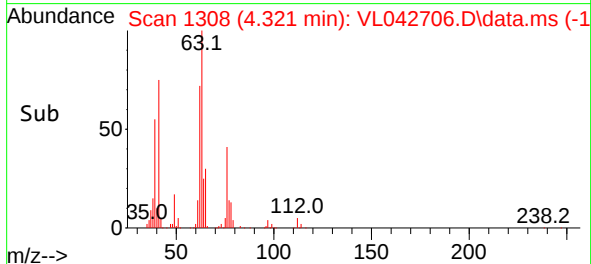
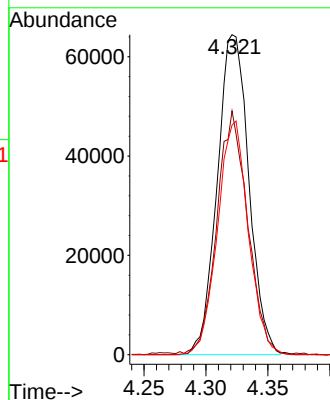
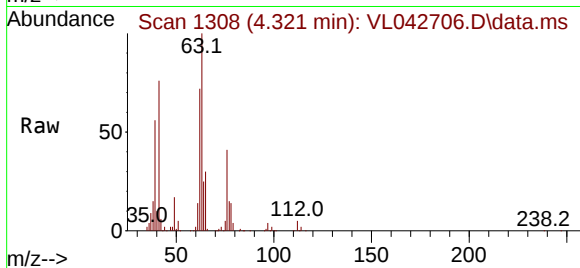
Tgt Ion: 63 Resp: 114754

Ion Ratio Lower Upper

63 100

41 75.8 60.8 91.2

62 71.8 58.6 87.8



#40

1,4-Dioxane

Concen: 10.457 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. -0.013 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion: 88 Resp: 46617

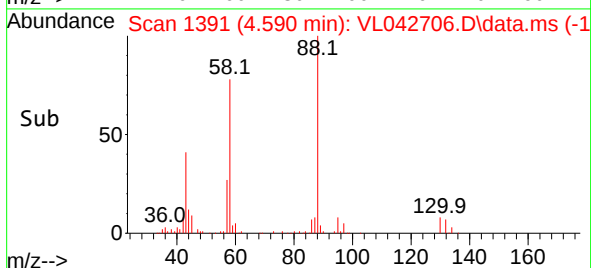
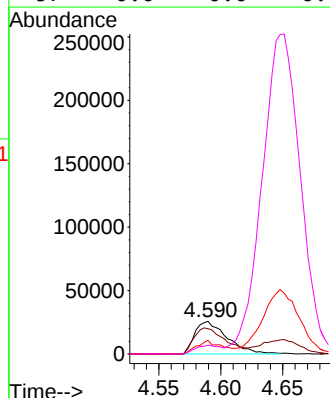
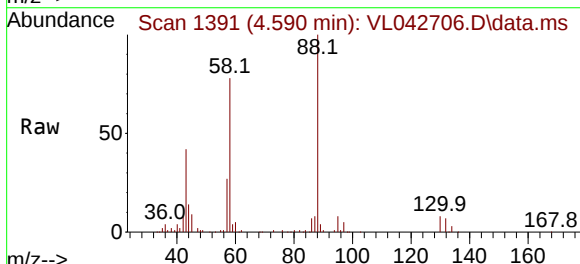
Ion Ratio Lower Upper

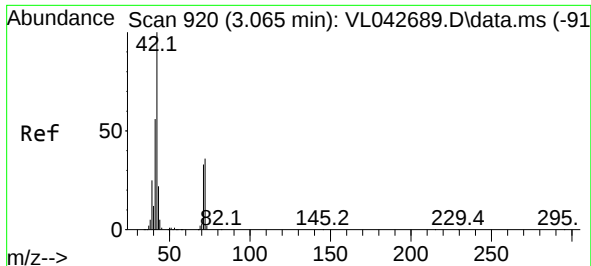
88 100

58 81.3 62.1 93.1

43 36.1 26.2 39.2

57 0.0 0.0 0.0

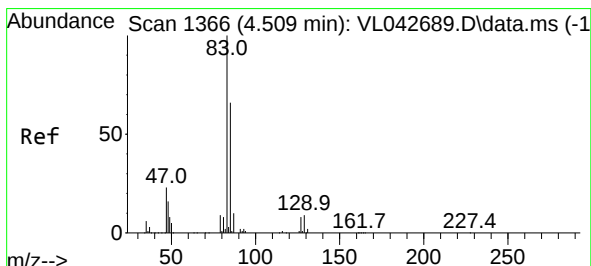
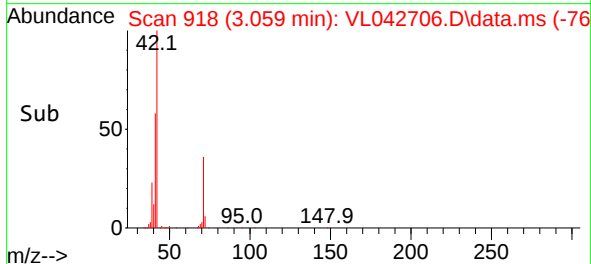
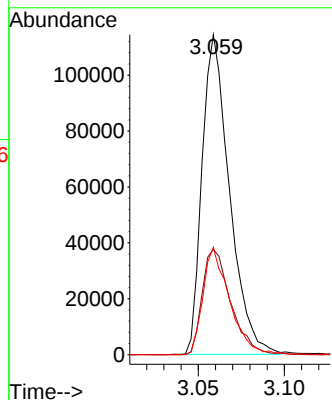
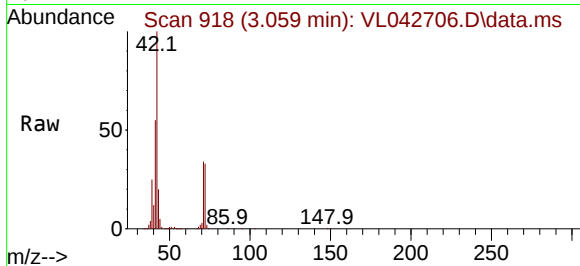




#41
Tetrahydrofuran
Concen: 10.715 ppbv
RT: 3.059 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

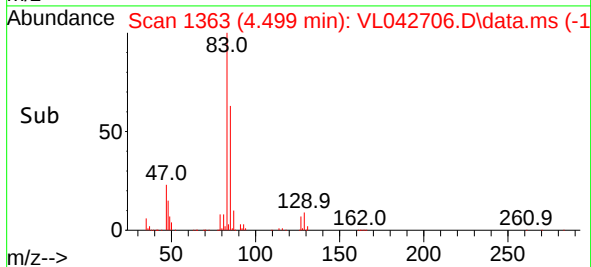
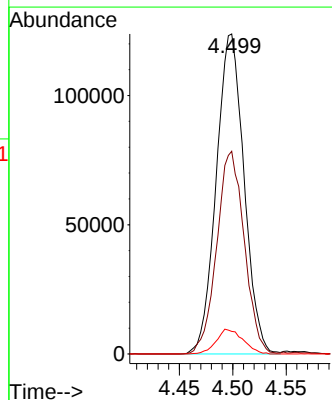
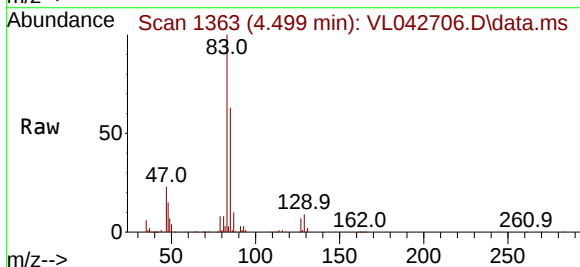
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

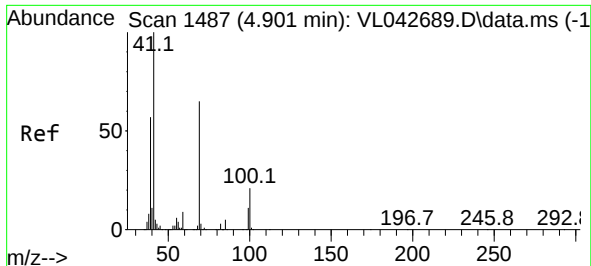
Tgt Ion: 42 Resp: 126483
Ion Ratio Lower Upper
42 100
72 34.3 28.2 42.4
71 32.8 25.4 38.0



#42
Bromodichloromethane
Concen: 10.096 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 83 Resp: 224021
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7
127 7.0 6.1 9.1

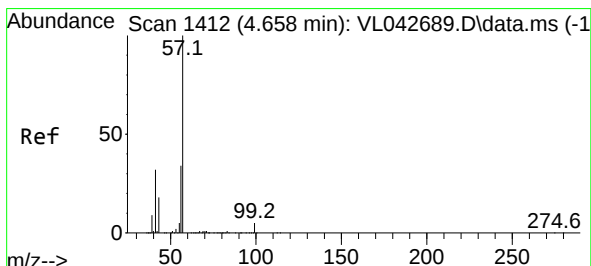
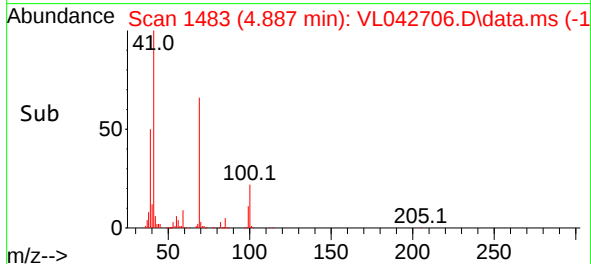
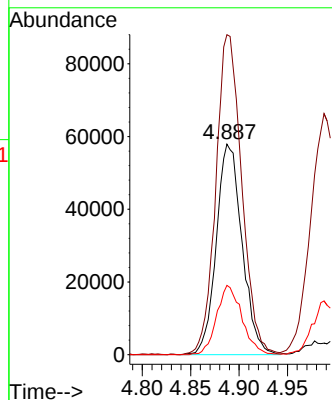
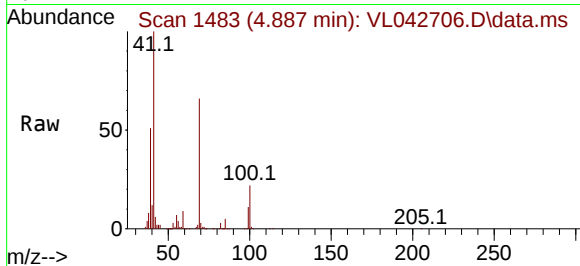




#43
Methyl Methacrylate
Concen: 11.293 ppbv
RT: 4.887 min Scan# 1487
Delta R.T. -0.013 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

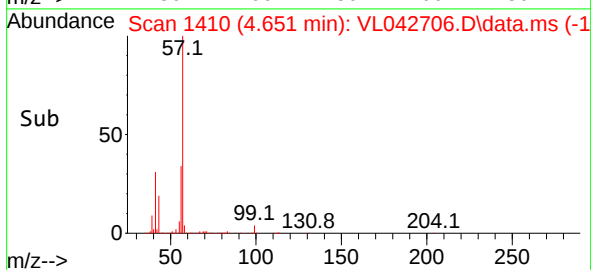
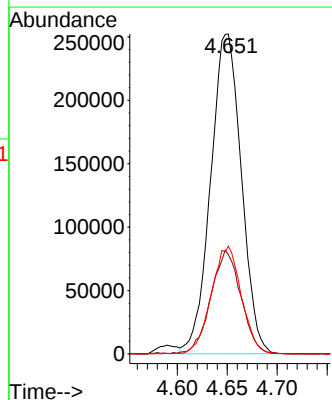
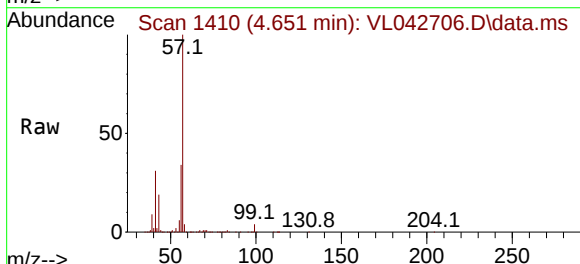
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

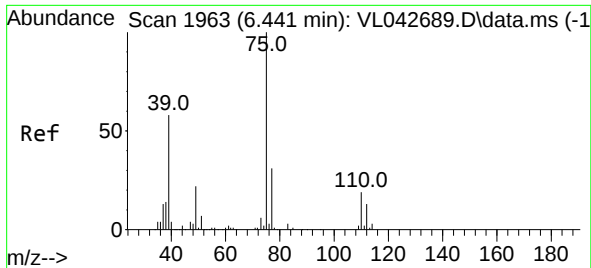
Tgt Ion: 69 Resp: 107128
Ion Ratio Lower Upper
69 100
41 152.9 125.4 188.2
100 32.3 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 10.890 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 57 Resp: 539635
Ion Ratio Lower Upper
57 100
41 32.1 25.2 37.8
56 33.1 26.3 39.5

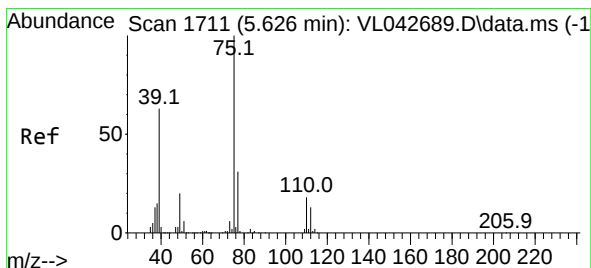
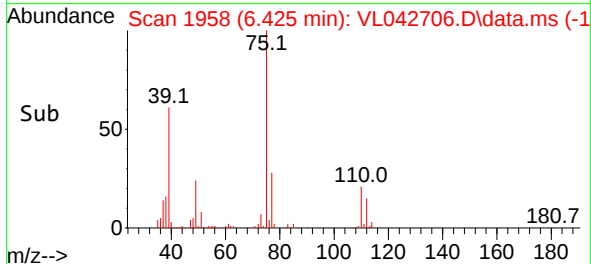
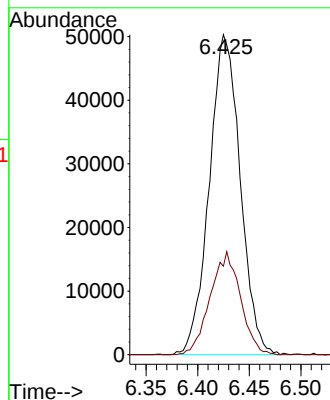
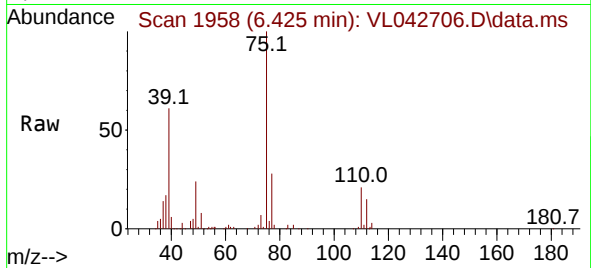




#45
 t-1,3-Dichloropropene
 Concen: 10.516 ppbv
 RT: 6.425 min Scan# 1963
 Delta R.T. -0.016 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

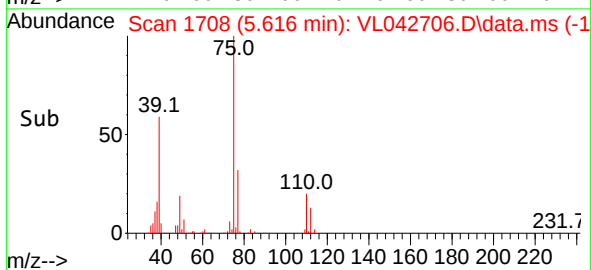
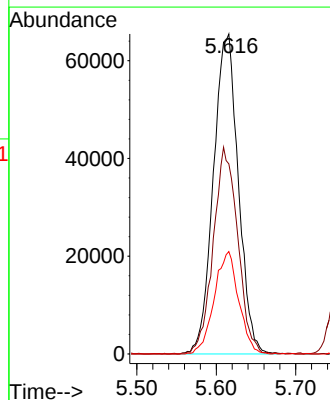
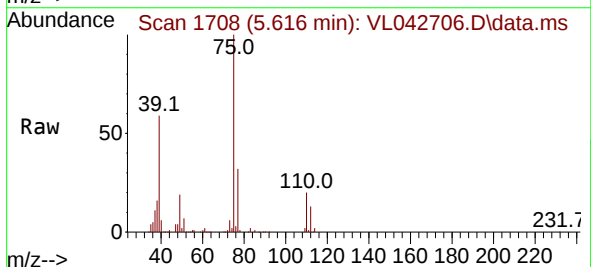
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

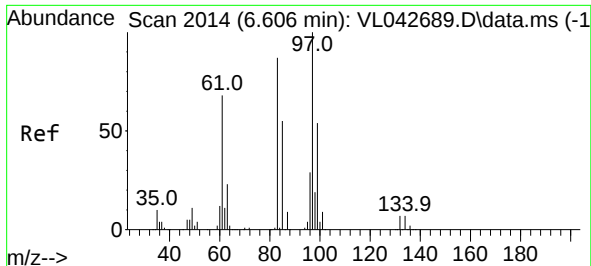
Tgt Ion: 75 Resp: 104712
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.379 ppbv
 RT: 5.616 min Scan# 1708
 Delta R.T. -0.010 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 75 Resp: 142602
 Ion Ratio Lower Upper
 75 100
 39 59.3 50.6 75.8
 77 32.0 24.8 37.2





#47

1,1,2-Trichloroethane

Concen: 10.123 ppbv

RT: 6.593 min Scan# 20

Delta R.T. -0.013 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 114699

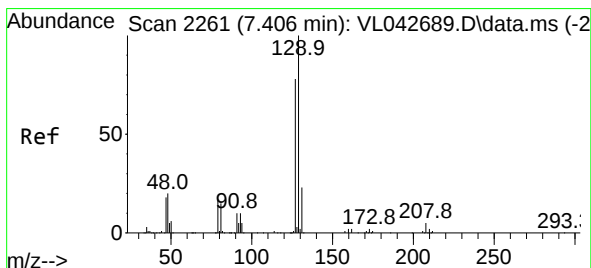
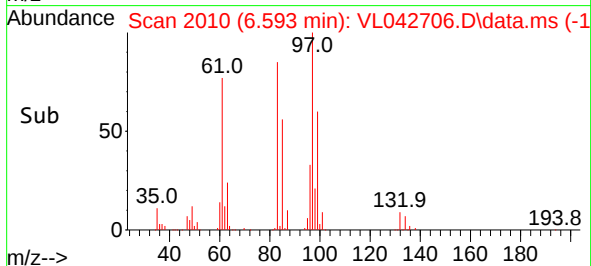
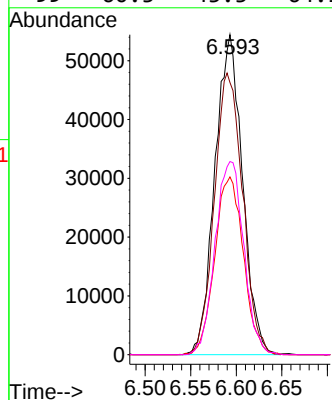
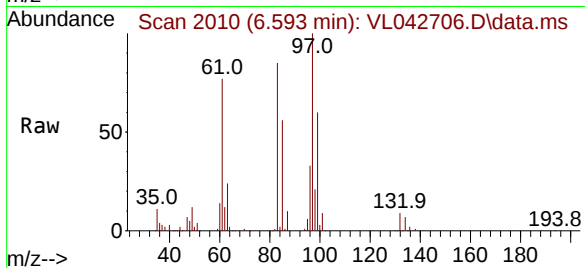
Ion Ratio Lower Upper

97 100

83 85.1 69.3 103.9

85 55.4 43.7 65.5

99 60.3 43.3 64.9



#48

Dibromochloromethane

Concen: 10.203 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. -0.010 min

Lab File: VL042706.D

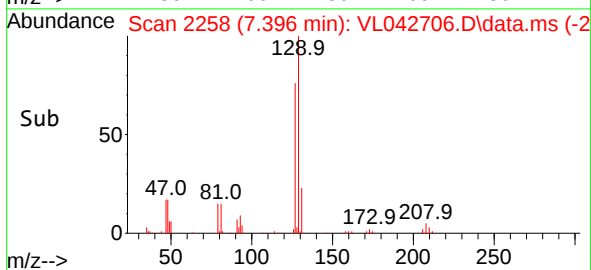
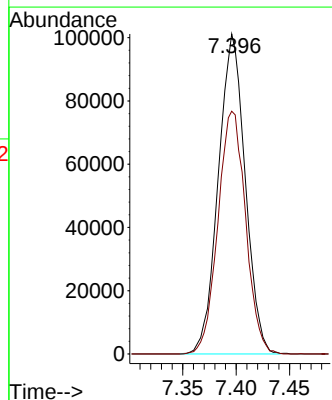
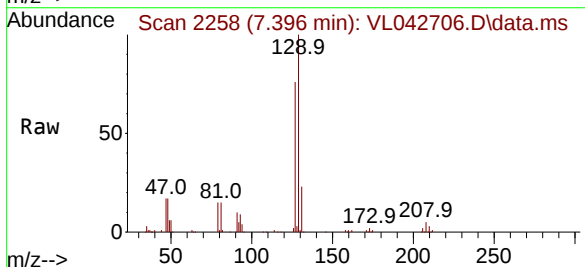
Acq: 08 Jul 2025 08:55

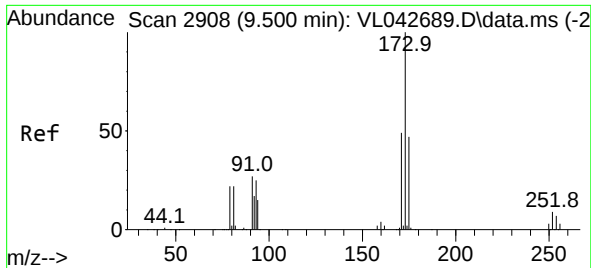
Tgt Ion: 129 Resp: 177016

Ion Ratio Lower Upper

129 100

127 78.0 38.3 114.8

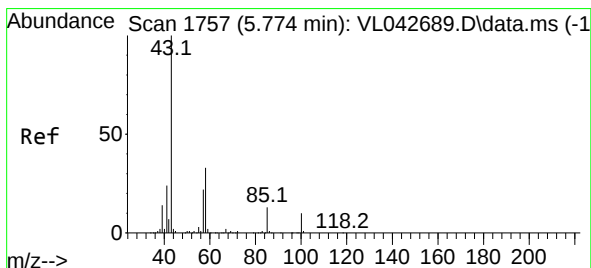
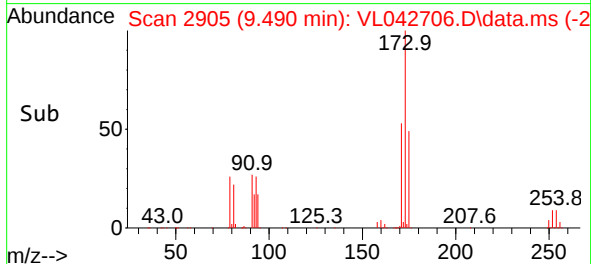
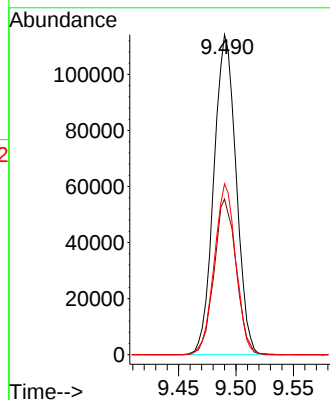
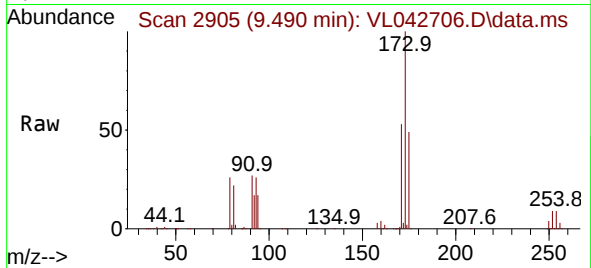




#49
Bromoform
Concen: 10.290 ppbv
RT: 9.490 min Scan# 2908
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

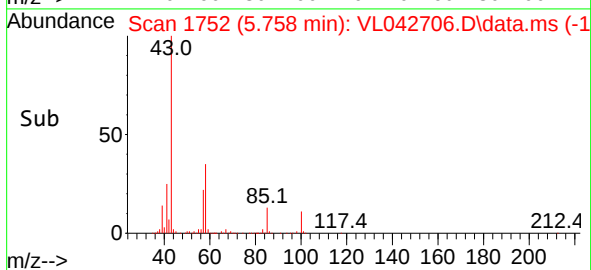
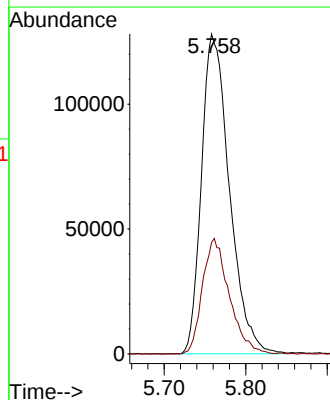
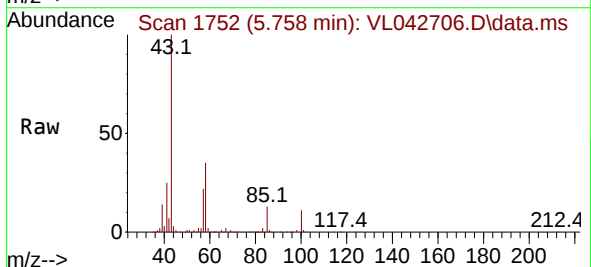
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

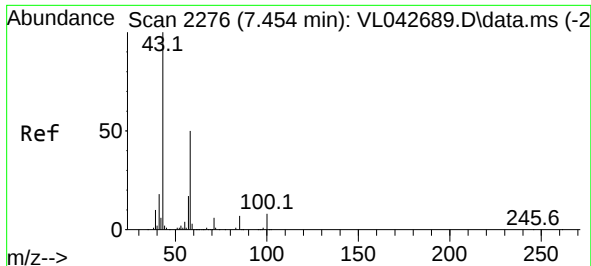
Tgt Ion:173 Resp: 154200
Ion Ratio Lower Upper
173 100
175 48.3 38.6 57.8
171 51.8 40.3 60.5



#50
4-Methyl-2-Pentanone
Concen: 11.215 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. -0.016 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 43 Resp: 304211
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3

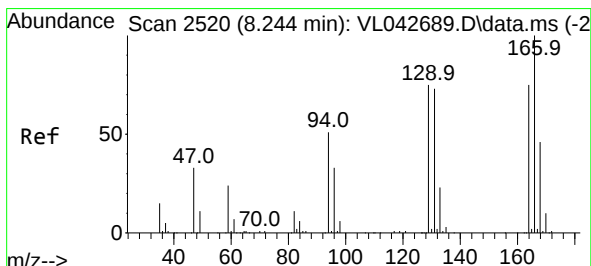
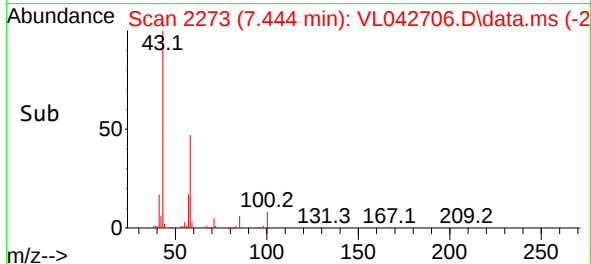
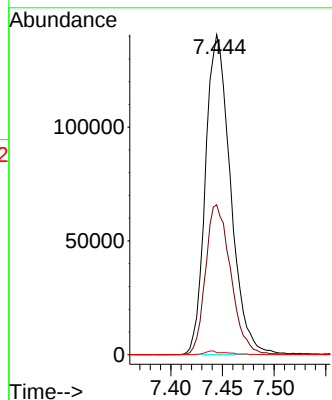
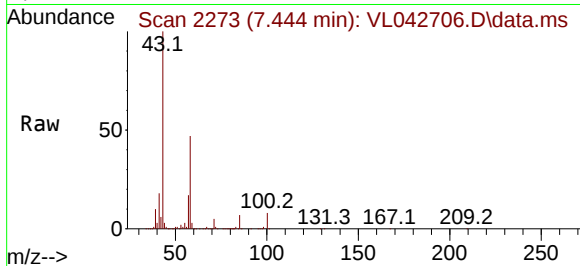




#51
2-Hexanone
Concen: 11.993 ppbv
RT: 7.444 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

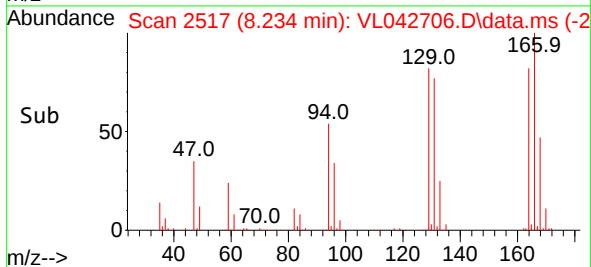
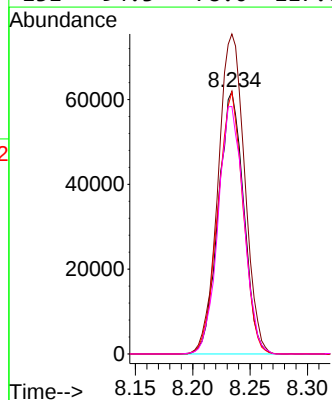
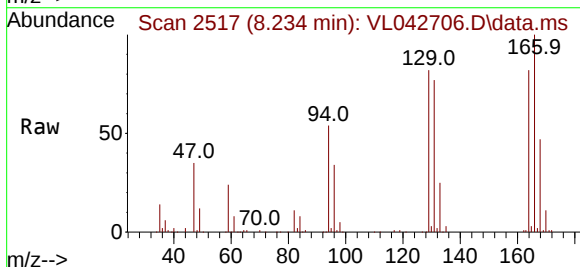
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

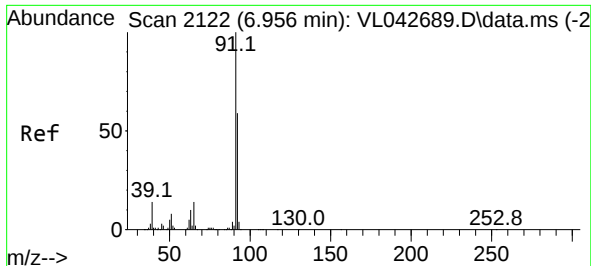
Tgt Ion: 43 Resp: 236690
Ion Ratio Lower Upper
43 100
58 47.4 38.6 57.8
98 1.0 0.6 1.0#



#52
Tetrachloroethene
Concen: 9.645 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 164 Resp: 95096
Ion Ratio Lower Upper
164 100
166 121.9 106.6 160.0
129 99.9 79.8 119.6
131 94.3 78.0 117.0

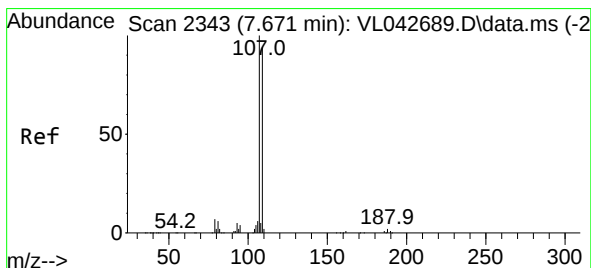
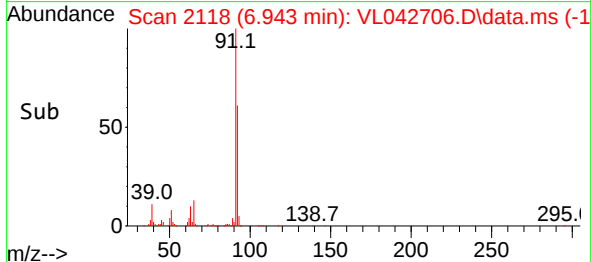
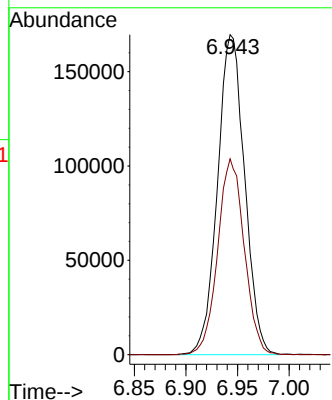
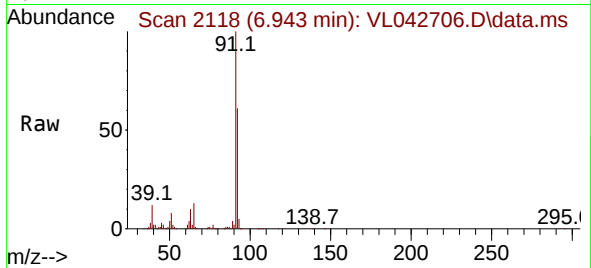




#53
Toluene
Concen: 11.256 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.013 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

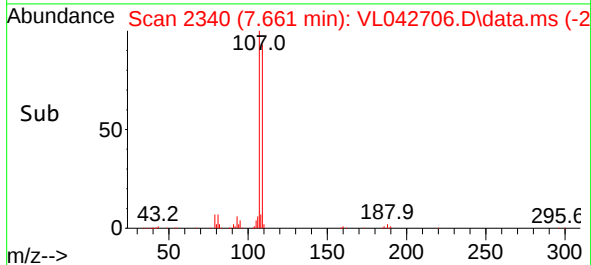
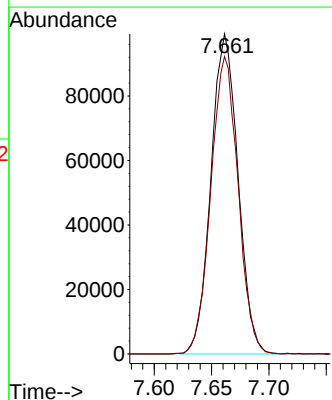
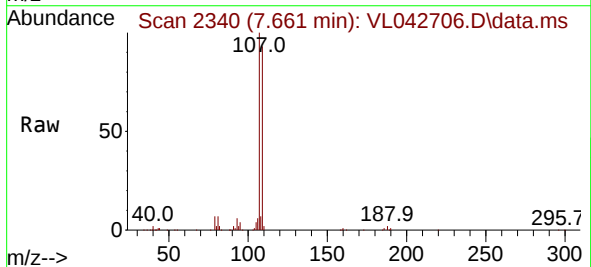
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

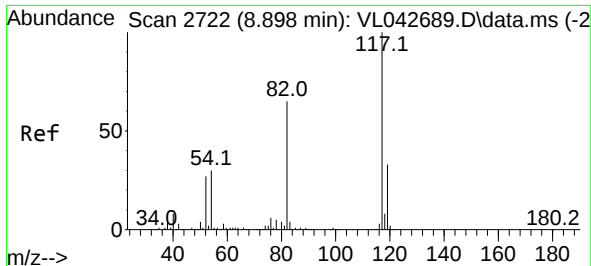
Tgt Ion: 91 Resp: 310018
Ion Ratio Lower Upper
91 100
92 59.9 47.4 71.2



#54
1,2-Dibromoethane
Concen: 10.318 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:107 Resp: 162972
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2

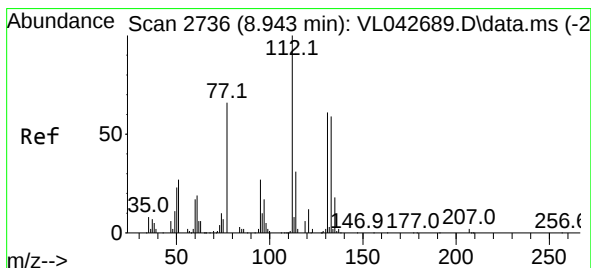
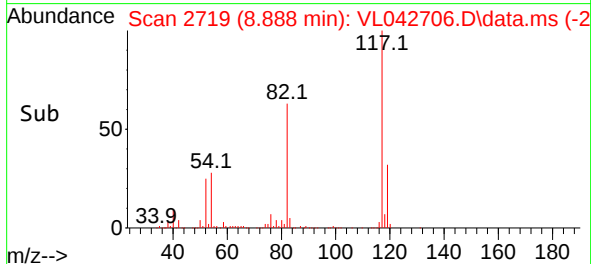
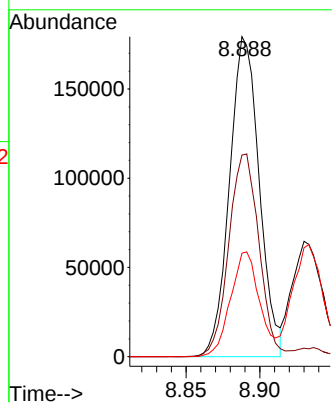
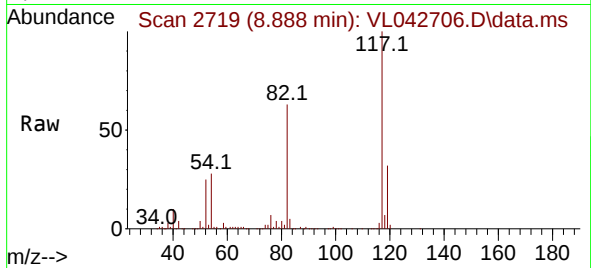




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

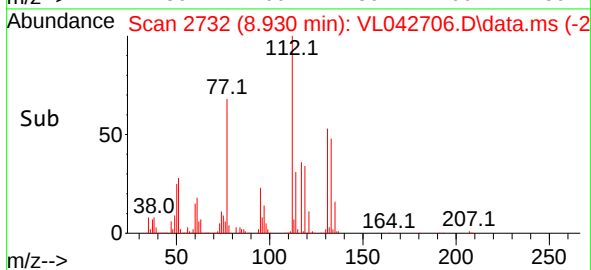
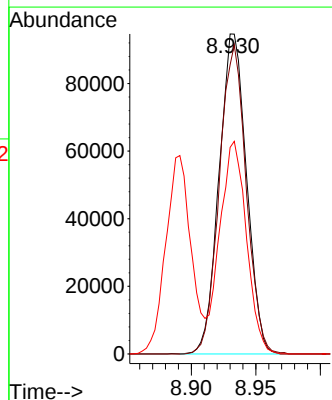
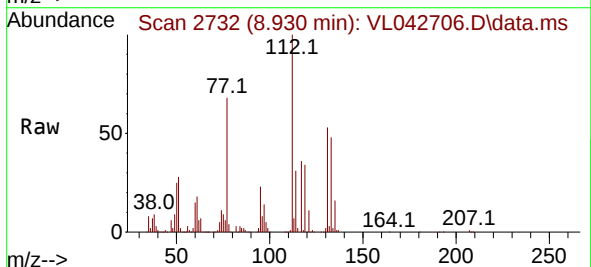
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

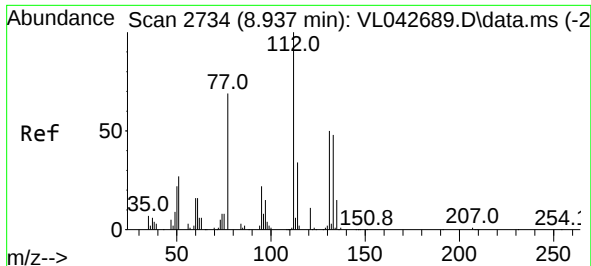
Tgt Ion:117 Resp: 252122
Ion Ratio Lower Upper
117 100
82 66.9 53.4 80.2
119 32.0 26.6 39.8



#56
1,1,1,2-Tetrachloroethane
Concen: 10.270 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.013 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:131 Resp: 140004
Ion Ratio Lower Upper
131 100
133 94.7 77.3 115.9
119 64.5 52.6 78.8





#57

Chlorobenzene

Concen: 10.137 ppbv

RT: 8.930 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

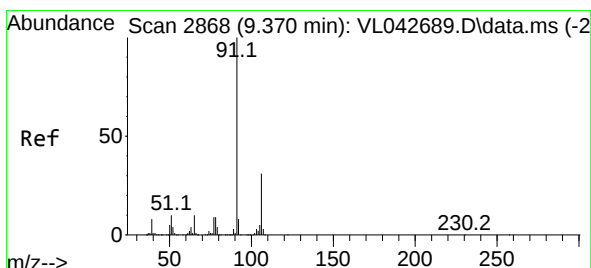
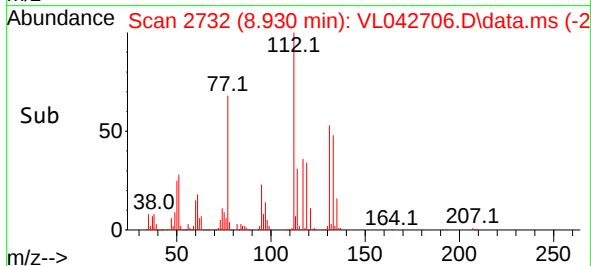
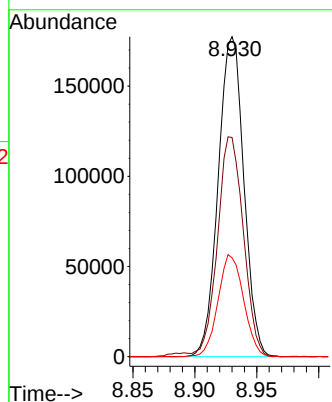
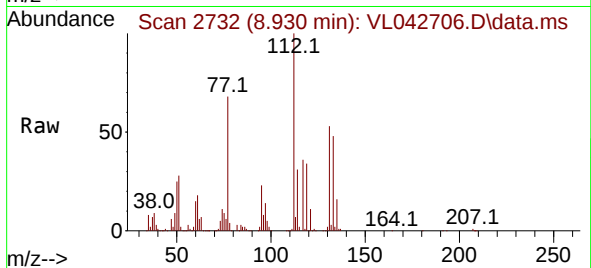
Tgt Ion:112 Resp: 256415

Ion Ratio Lower Upper

112 100

77 68.5 56.2 84.4

114 30.9 30.2 37.0



#58

Ethyl Benzene

Concen: 11.914 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. -0.007 min

Lab File: VL042706.D

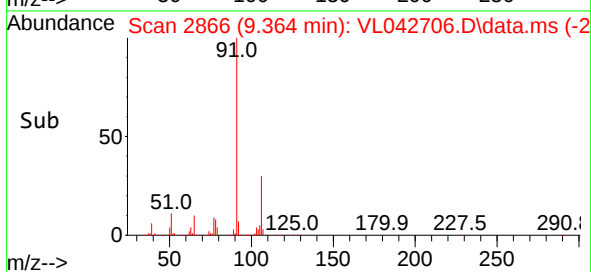
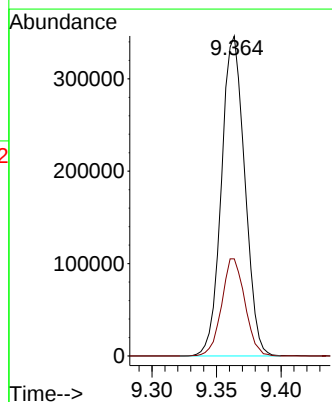
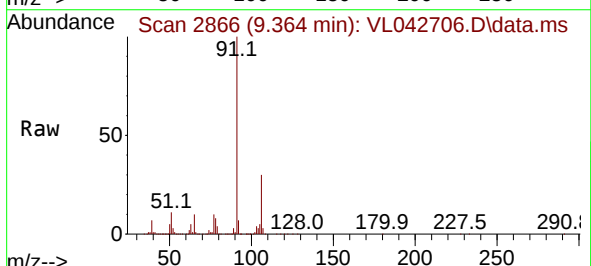
Acq: 08 Jul 2025 08:55

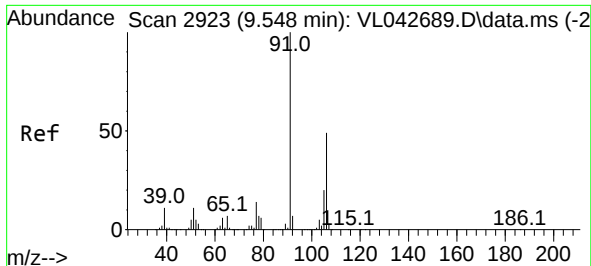
Tgt Ion: 91 Resp: 434385

Ion Ratio Lower Upper

91 100

106 30.4 24.9 37.3





#59

m/p-Xylene

Concen: 11.870 ppbv

RT: 9.538 min Scan# 2923

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

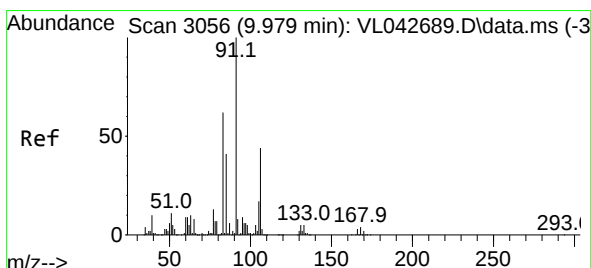
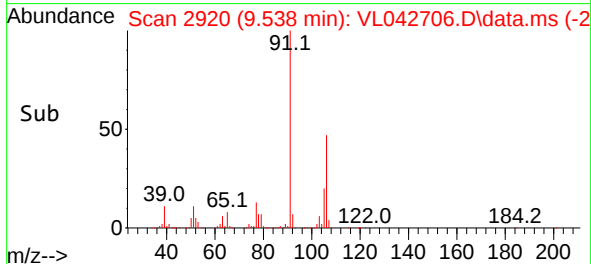
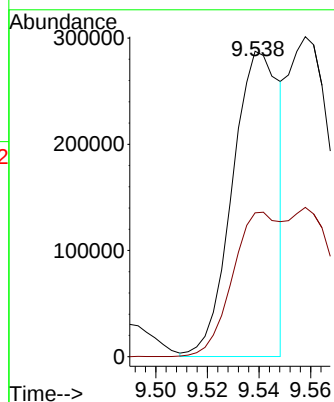
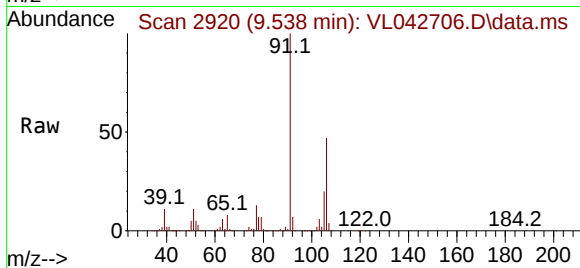
VSTDCCC010

Tgt Ion: 91 Resp: 362519

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 11.934 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.007 min

Lab File: VL042706.D

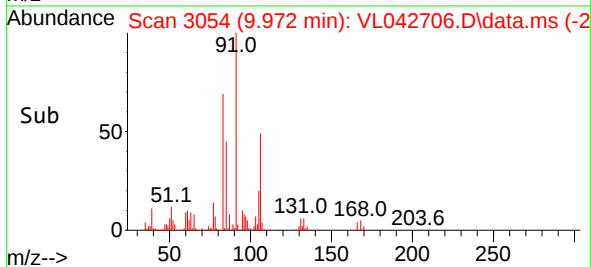
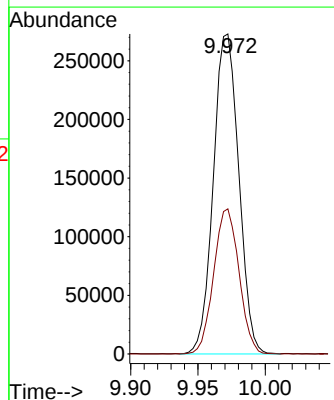
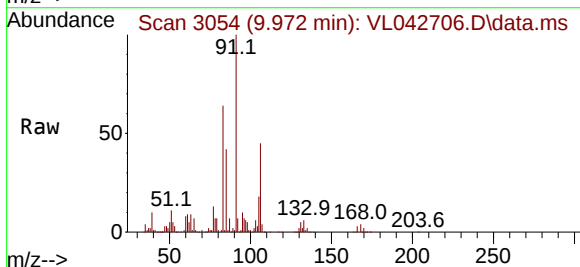
Acq: 08 Jul 2025 08:55

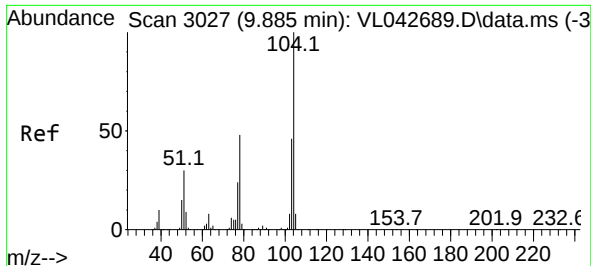
Tgt Ion: 91 Resp: 358517

Ion Ratio Lower Upper

91 100

106 45.2 22.8 68.4





#61

Styrene

Concen: 12.042 ppbv

RT: 9.878 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

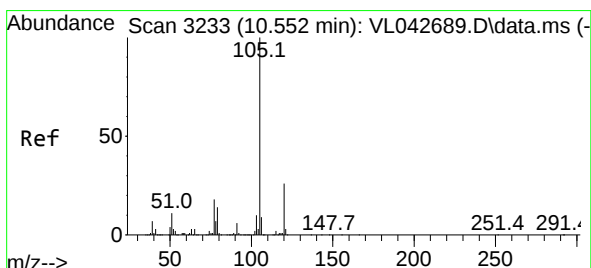
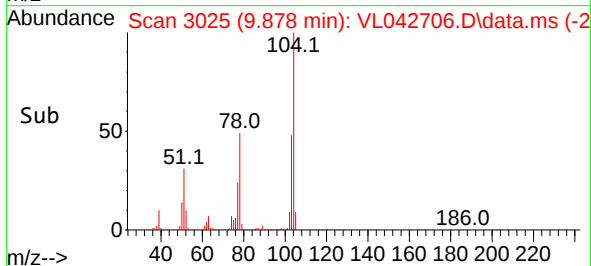
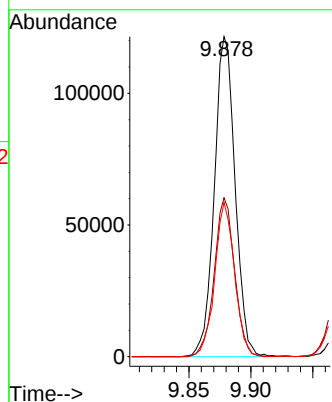
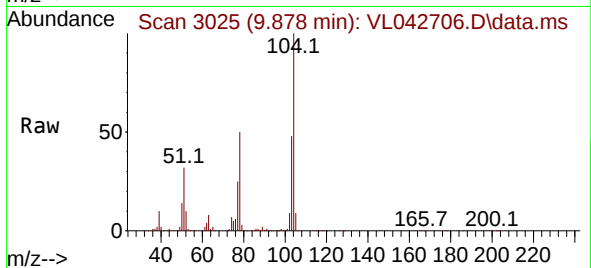
Tgt Ion:104 Resp: 142114

Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.6

103 46.1 37.4 56.0



#62

Isopropylbenzene

Concen: 11.371 ppbv

RT: 10.545 min Scan# 3231

Delta R.T. -0.007 min

Lab File: VL042706.D

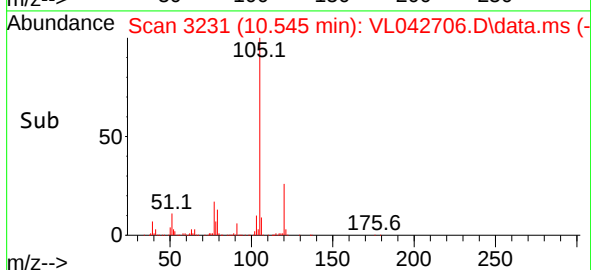
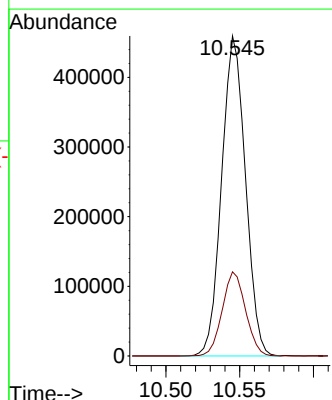
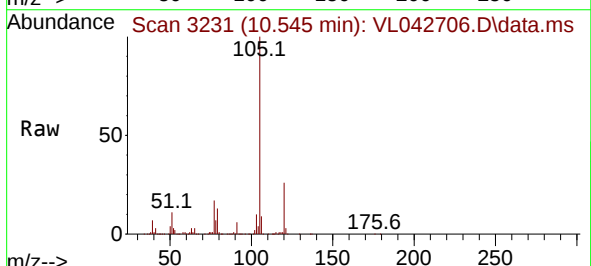
Acq: 08 Jul 2025 08:55

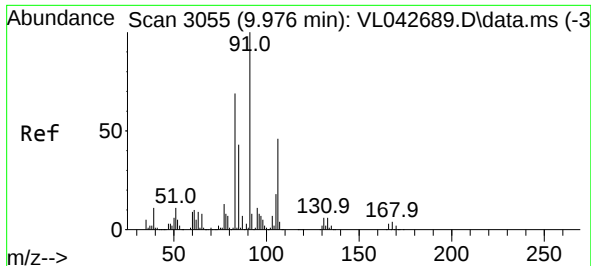
Tgt Ion:105 Resp: 515613

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

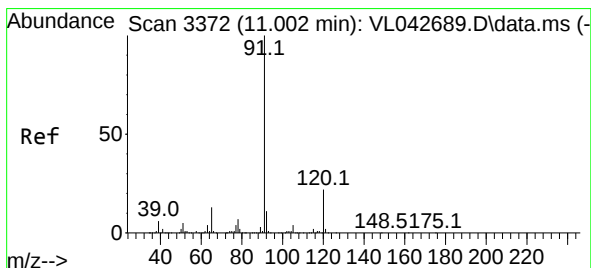
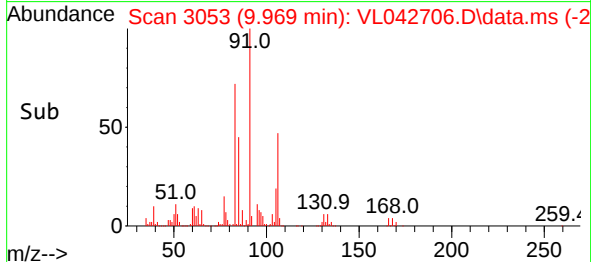
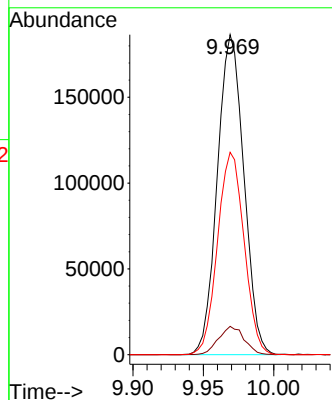
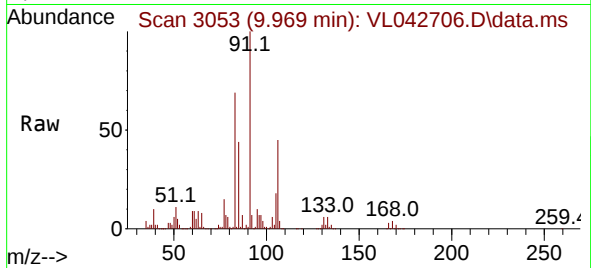




#63
1,1,2,2-Tetrachloroethane
Concen: 10.568 ppbv
RT: 9.969 min Scan# 3055
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

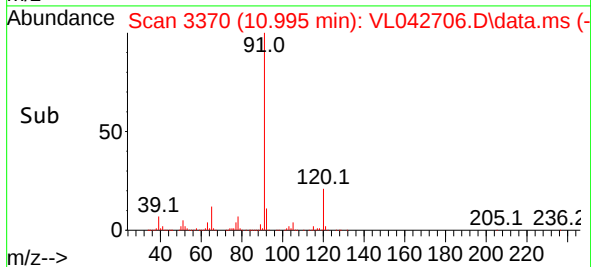
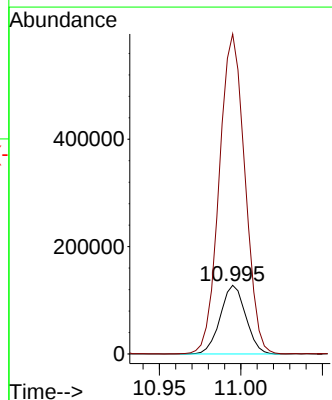
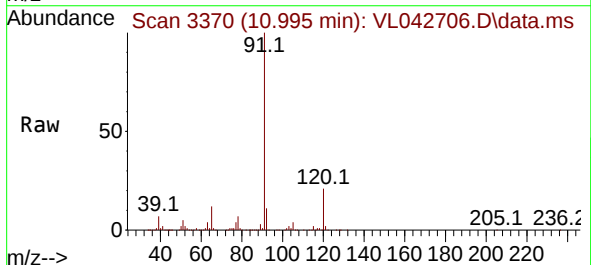
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

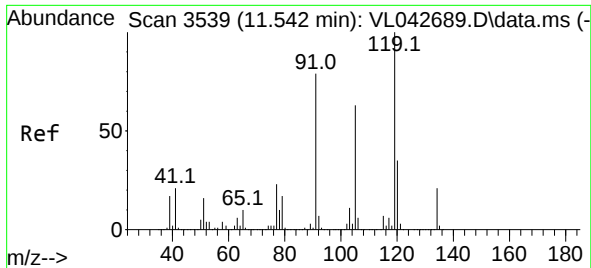
Tgt Ion: 83 Resp: 244497
Ion Ratio Lower Upper
83 100
131 8.6 4.5 13.4
85 63.3 31.5 94.5



#64
n-propylbenzene
Concen: 11.901 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 120 Resp: 138163
Ion Ratio Lower Upper
120 100
91 473.1 377.8 566.8

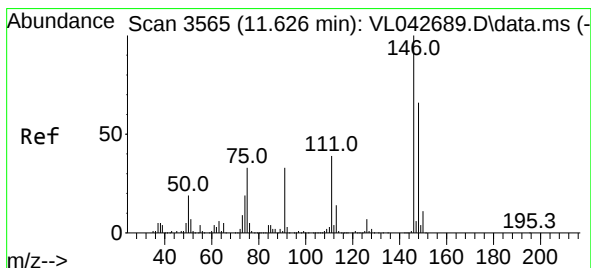
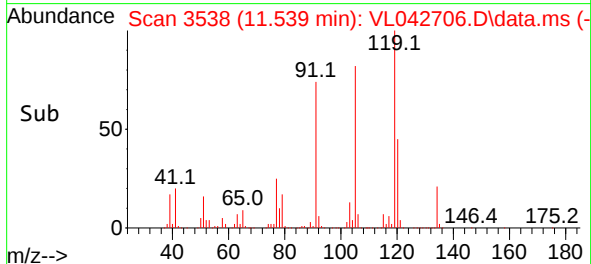
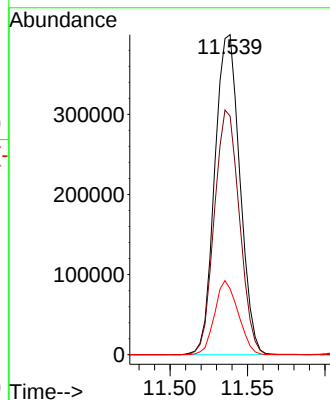
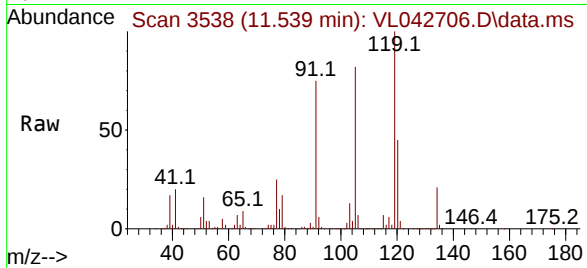




#65
tert-Butylbenzene
Concen: 11.592 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

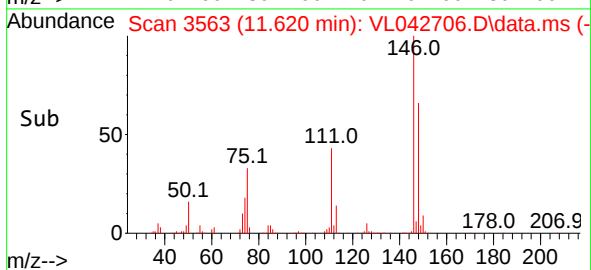
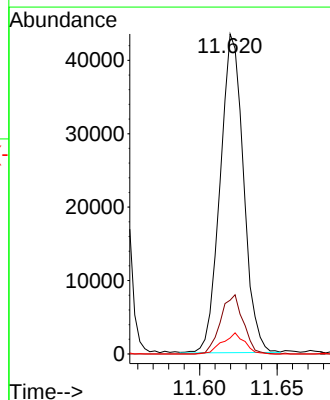
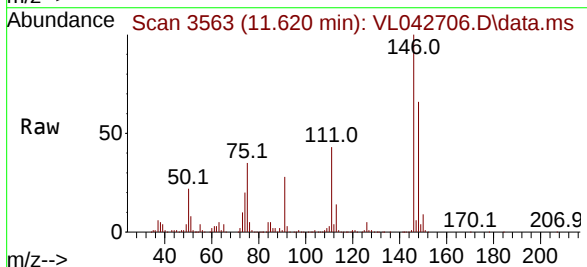
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

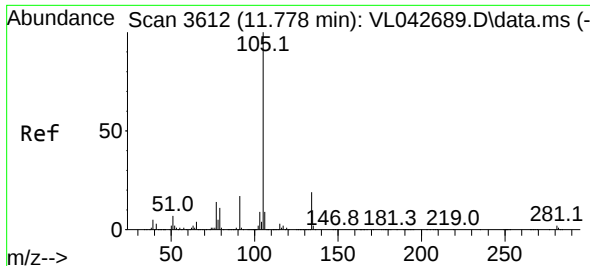
Tgt Ion:119 Resp: 449911
Ion Ratio Lower Upper
119 100
91 76.6 62.6 93.8
134 21.7 16.9 25.3



#66
Benzyl Chloride
Concen: 12.106 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 91 Resp: 45524
Ion Ratio Lower Upper
91 100
126 18.1 14.8 22.2
128 6.3 4.7 7.1

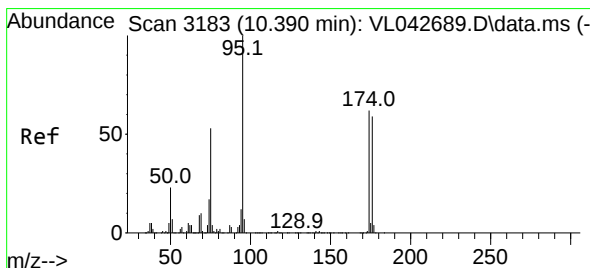
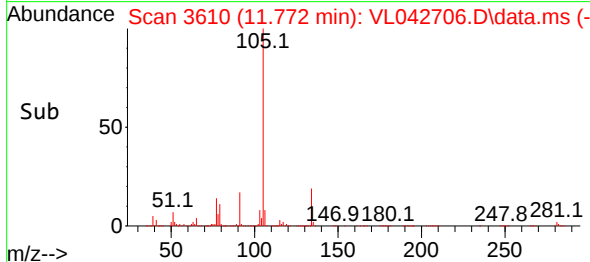
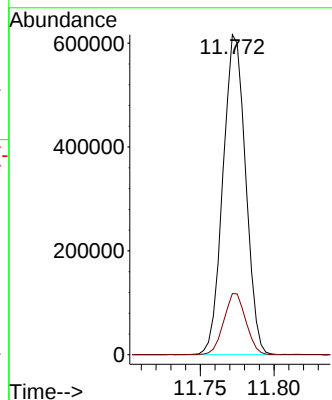
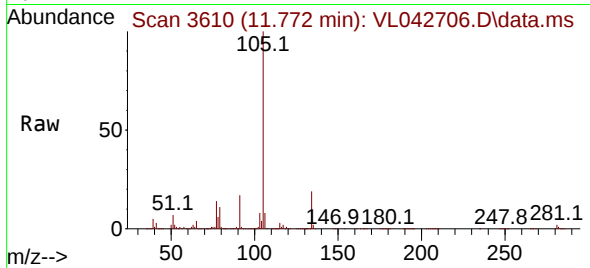




#67
 sec-Butylbenzene
 Concen: 11.077 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

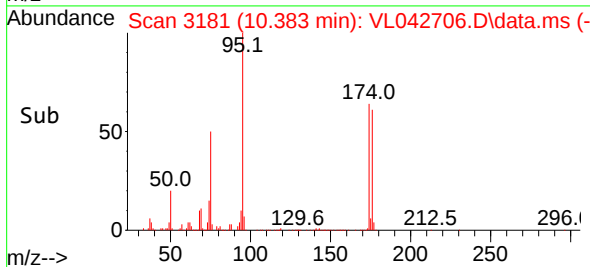
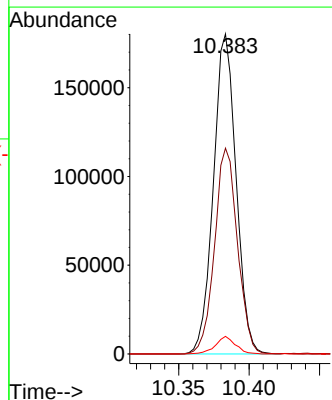
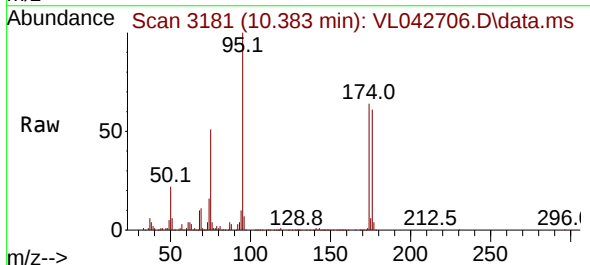
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

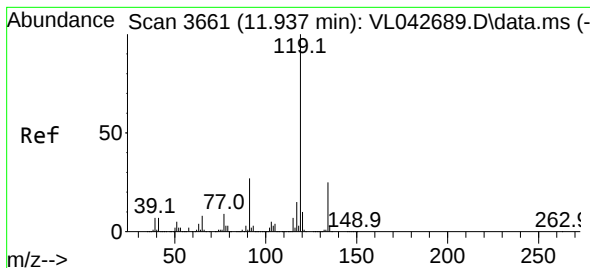
Tgt Ion:105 Resp: 658647
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.417 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 95 Resp: 202018
 Ion Ratio Lower Upper
 95 100
 174 64.9 51.2 76.8
 175 4.9 3.8 5.8

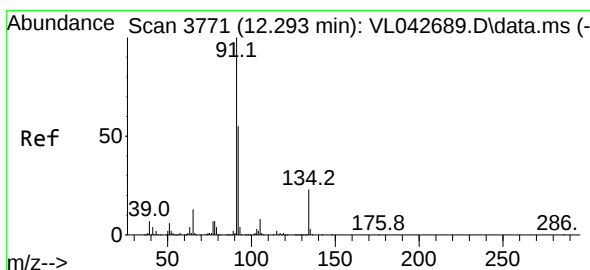
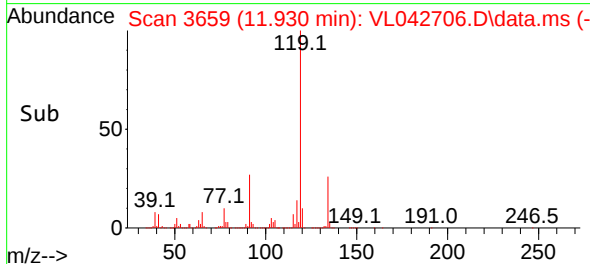
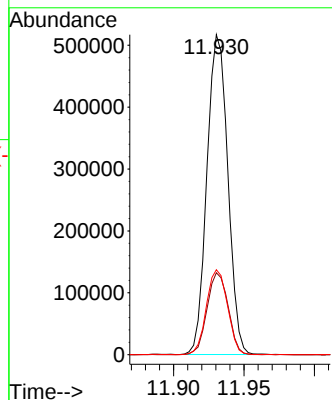
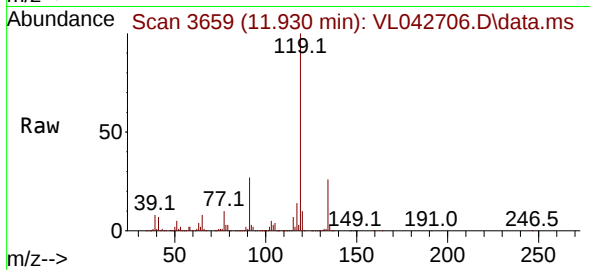




#69
 p-Isopropyltoluene
 Concen: 11.281 ppbv
 RT: 11.930 min Scan# 3661
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

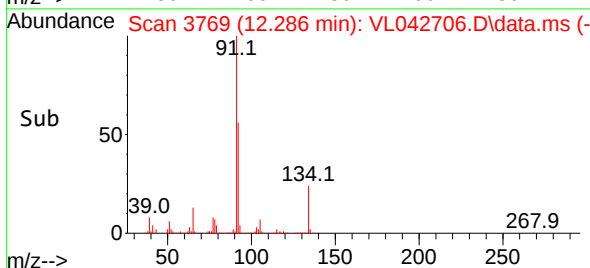
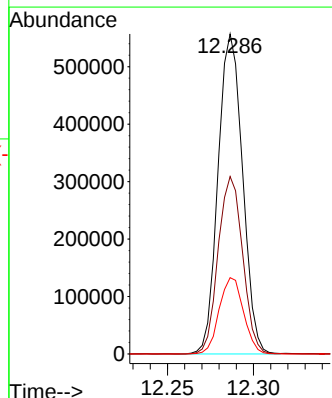
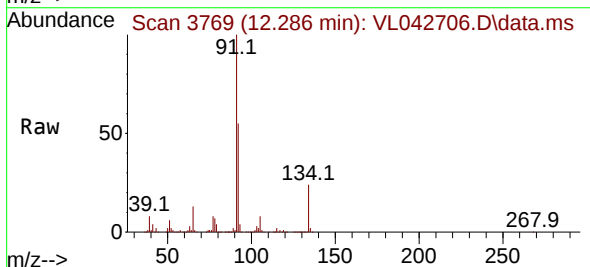
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

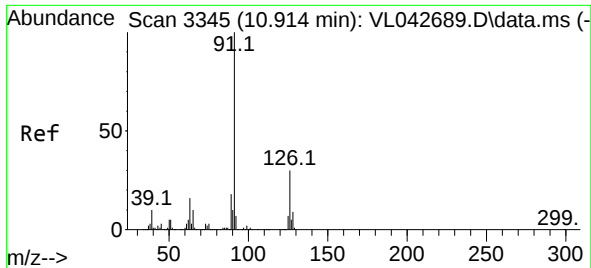
Tgt Ion:119 Resp: 533852
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.6 31.0
 91 26.9 21.4 32.2



#70
 n-Butylbenzene
 Concen: 11.575 ppbv
 RT: 12.286 min Scan# 3769
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 91 Resp: 551840
 Ion Ratio Lower Upper
 91 100
 92 55.4 44.2 66.2
 134 23.7 18.6 27.8

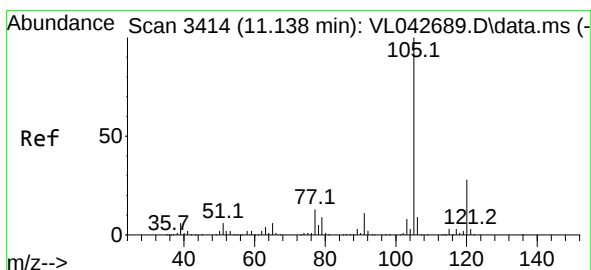
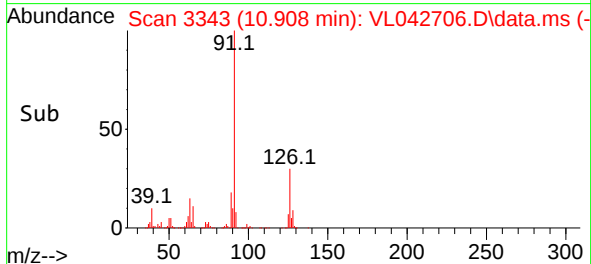
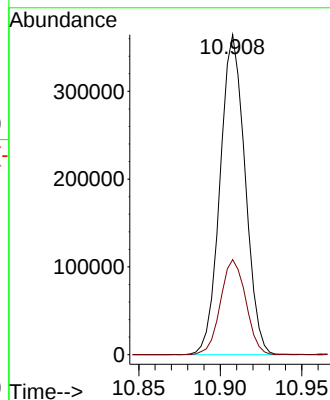
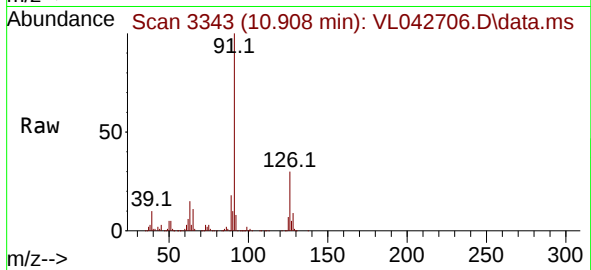




#71
2-Chlorotoluene
Concen: 11.572 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

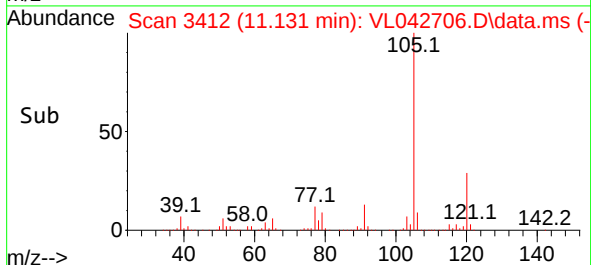
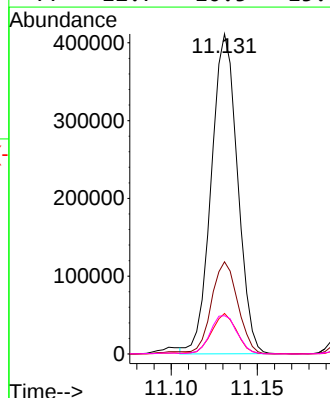
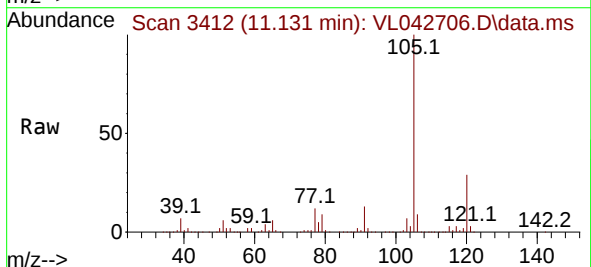
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

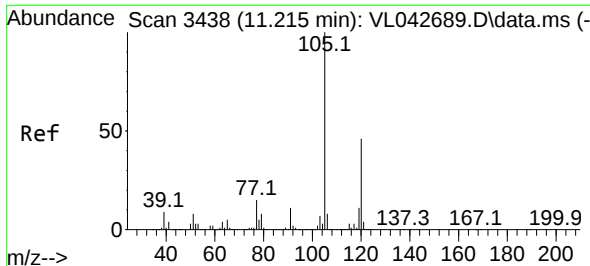
Tgt Ion: 91 Resp: 388185
Ion Ratio Lower Upper
91 100
126 30.1 11.8 47.4



#72
4-Ethyltoluene
Concen: 11.902 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 105 Resp: 436294
Ion Ratio Lower Upper
105 100
120 29.5 23.8 35.6
91 12.4 9.7 14.5
77 12.7 10.5 15.7

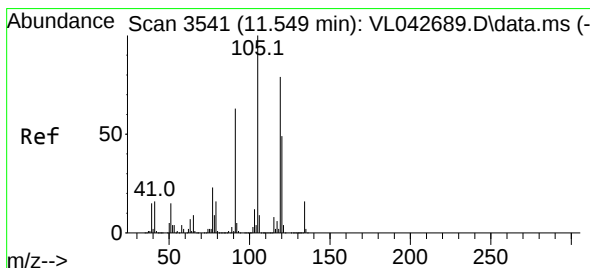
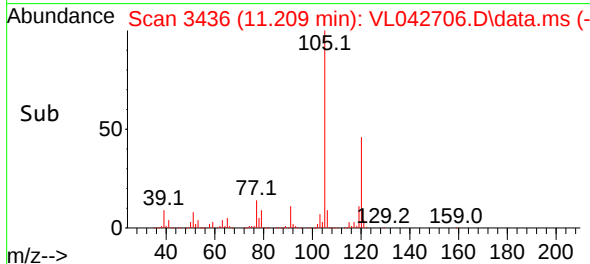
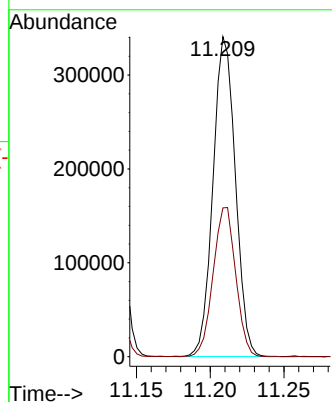
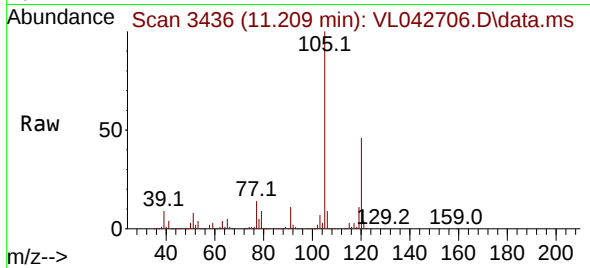




#73
 1,3,5-Trimethylbenzene
 Concen: 11.645 ppbv
 RT: 11.209 min Scan# 3438
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

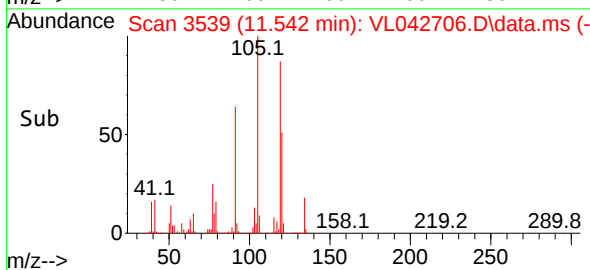
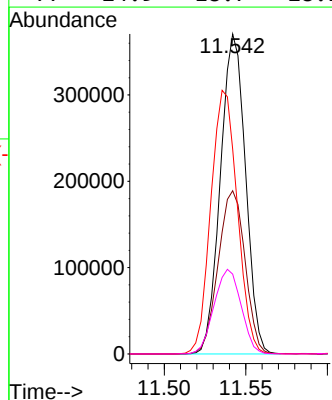
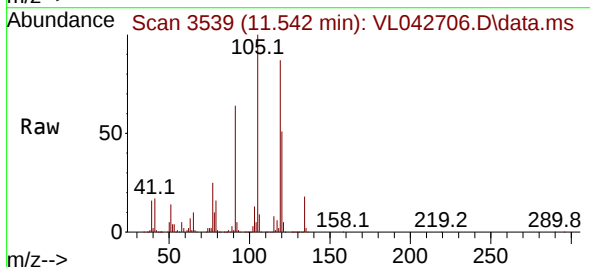
Instrument :
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 ClientSampleId :
 VSTDCCC010

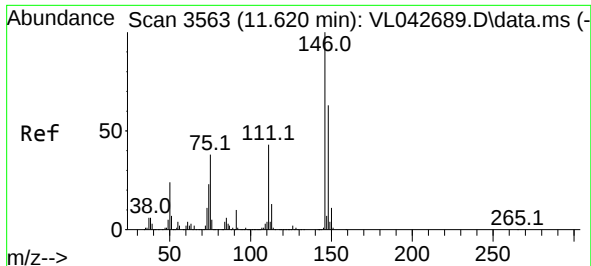
Tgt Ion:105 Resp: 359909
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 11.226 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion:105 Resp: 395812
 Ion Ratio Lower Upper
 105 100
 120 51.0 39.6 59.4
 91 63.9 51.0 76.6
 77 24.9 18.7 28.1

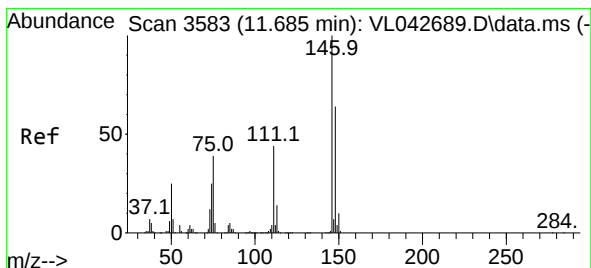
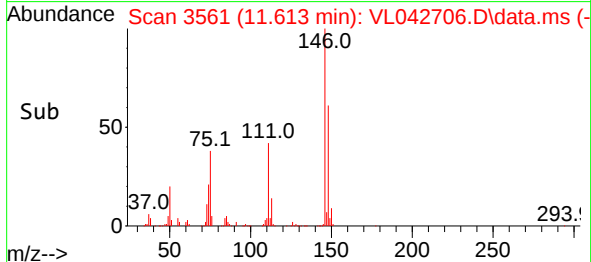
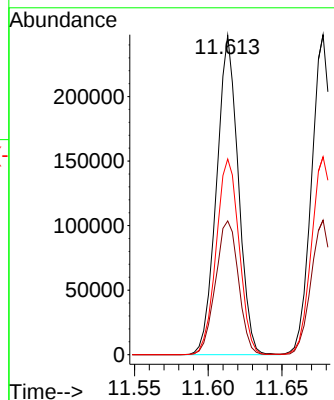
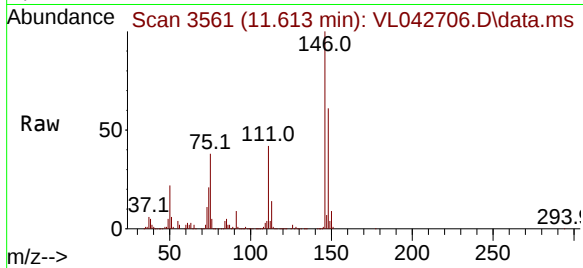




#75
1,3-Dichlorobenzene
Concen: 10.239 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

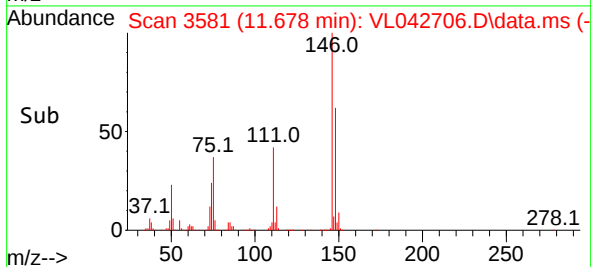
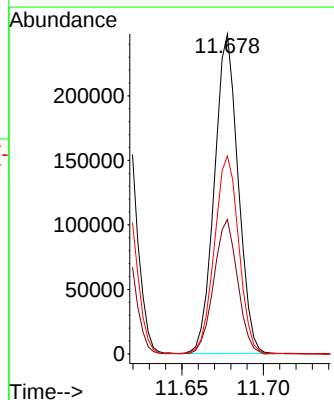
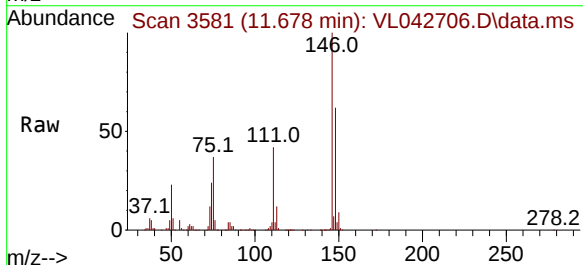
Instrument :
MSVOA_L
ClientSampleId :
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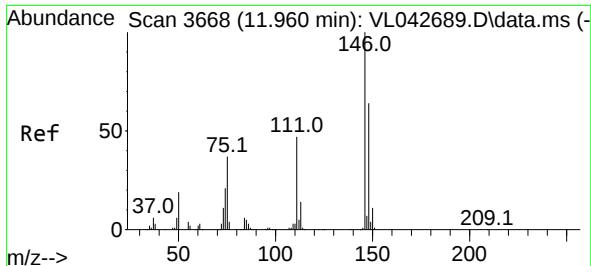
Tgt Ion:146 Resp: 253276
Ion Ratio Lower Upper
146 100
111 44.3 21.6 65.0
148 64.6 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 10.651 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:146 Resp: 250036
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.9 31.8 95.4

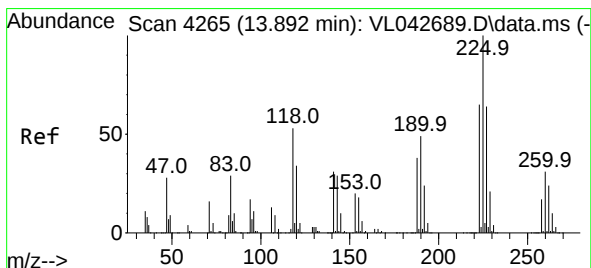
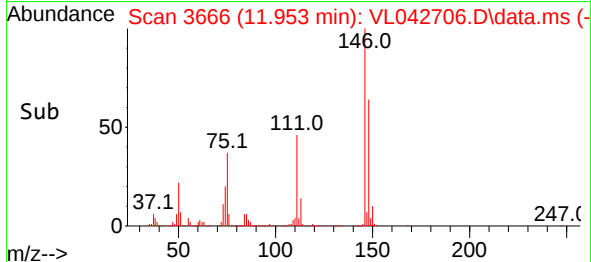
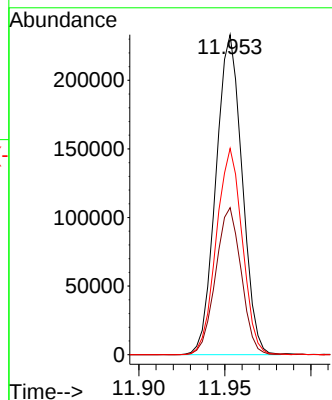
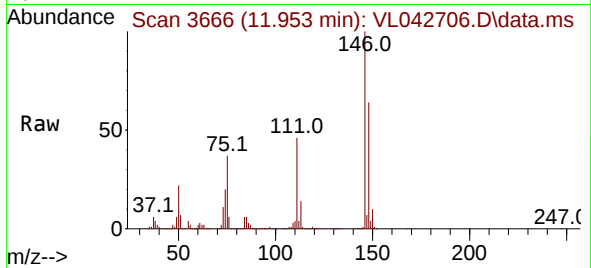




#77
1,2-Dichlorobenzene
Concen: 9.889 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

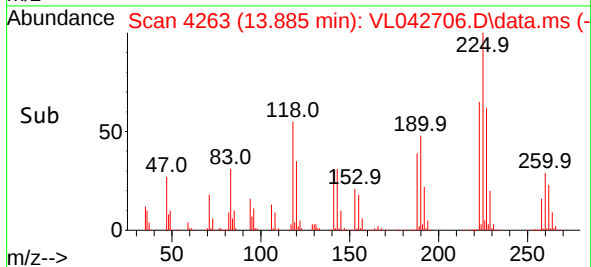
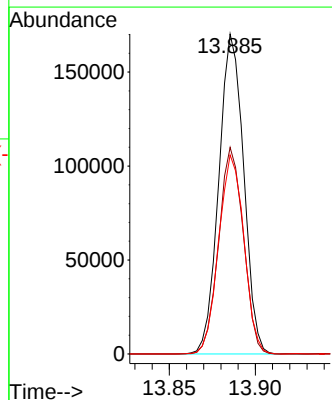
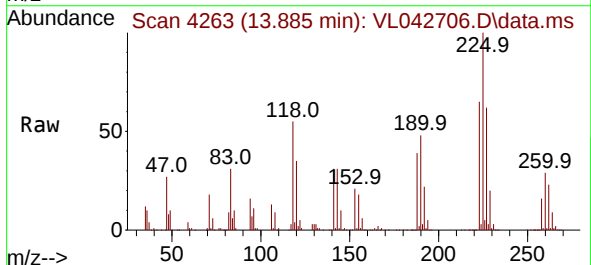
Instrument :
MSVOA_L
ClientSampleId :
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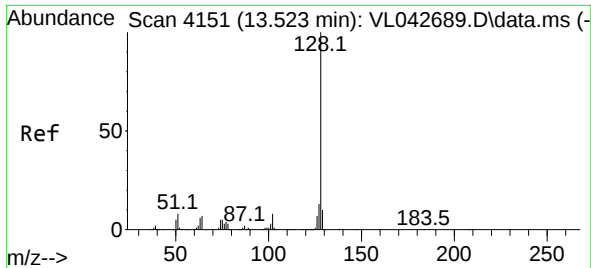
Tgt Ion:146 Resp: 247106
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 64.0 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 8.789 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:225 Resp: 171064
Ion Ratio Lower Upper
225 100
223 64.0 50.5 75.7
227 63.1 50.0 75.0

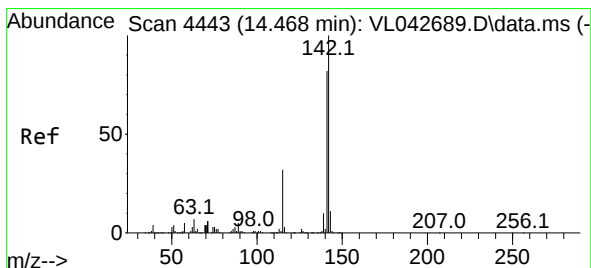
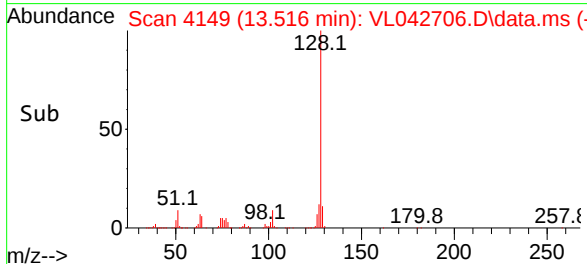
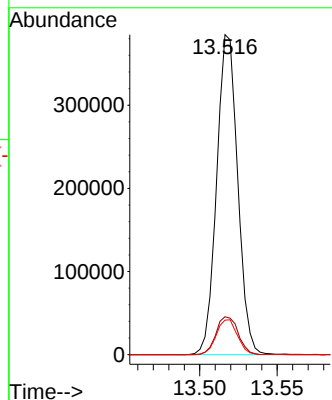
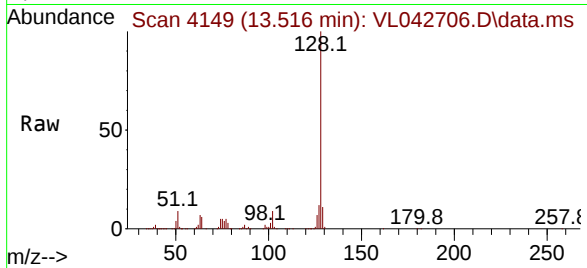




#79
Naphthalene
Concen: 12.350 ppbv
RT: 13.516 min Scan# 4151
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

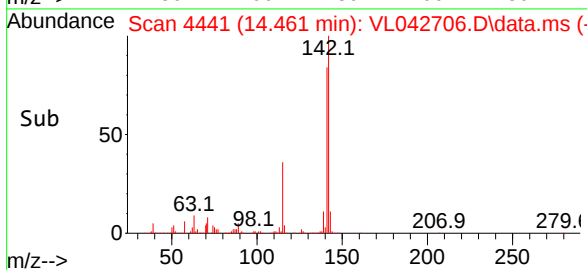
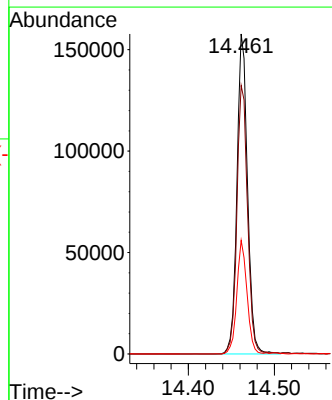
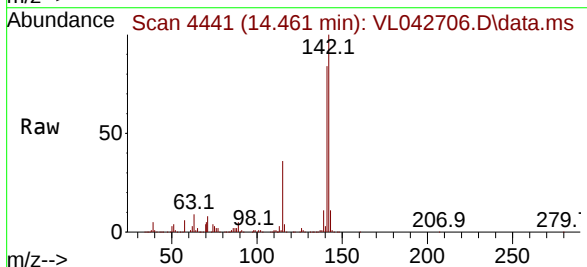
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

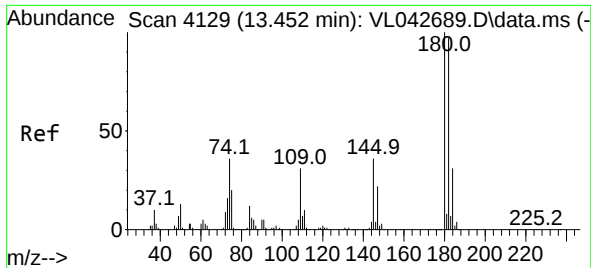
Tgt Ion:128 Resp: 363417
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 10.8 8.2 12.2



#80
Naphthalene,2-methyl-
Concen: 10.983 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:142 Resp: 134241
Ion Ratio Lower Upper
142 100
141 85.8 67.4 101.2
115 34.7 26.9 40.3





#81

1,2,4-Trichlorobenzene

Concen: 10.855 ppbv

RT: 13.445 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL042706.D

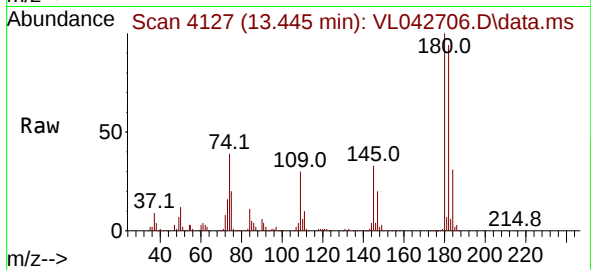
Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 186151

Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

184 30.6 24.4 36.6

