

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042849.D
 Acq On : 13 Aug 2025 12:56
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 14 02:16:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	122486	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	374448	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	333493	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	252268	10.086	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	163446	9.105	ppbv	96
3) Chlorodifluoromethane	1.476	51	185078	9.327	ppbv	100
4) Chloromethane	1.535	50	63634	8.784	ppbv	100
5) Vinyl Chloride	1.583	62	58729	8.232	ppbv	96
6) Bromomethane	1.670	94	25105	8.801	ppbv	97
7) Chloroethane	1.706	64	23293	8.360	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	135845	9.248	ppbv	99
9) Propene	1.483	41	76457	8.922	ppbv	97
10) Heptane	4.988	43	206333	8.990	ppbv	99
11) Trichlorofluoromethane	1.881	101	154211	8.707	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	124558	8.824	ppbv	99
13) Ethanol	1.722	45	6016	7.678	ppbv	96
14) Bromoethene	1.784	108	46528	9.105	ppbv	98
15) Acetone	1.839	43	119723	7.389	ppbv	99
16) 1,3-Butadiene	1.612	39	60853	8.285	ppbv	99
17) tert-Butyl alcohol	2.043	59	166457	8.663	ppbv	99
18) 1,1-Dichloroethene	2.036	96	56397	9.087	ppbv	94
19) Isopropyl Alcohol	1.887	45	78832	8.146	ppbv	98
20) Methylene Chloride	2.065	84	47793	7.041	ppbv	90
21) Allyl Chloride	2.098	41	102514	8.956	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	63932	8.904	ppbv	95
23) Vinyl Acetate	2.467	43	198083	8.891	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	127660	8.903	ppbv	99
25) Ethyl Acetate	2.839	43	362325	9.240	ppbv	99
26) Hexane	2.829	57	167364	9.246	ppbv	97
27) Carbon Disulfide	2.153	76	155729	8.841	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	82126	8.898	ppbv	92
29) Chloroform	2.855	83	242320	9.377	ppbv	99
30) Cyclohexane	3.865	84	147417	9.289	ppbv	99
31) cis-1,2-Dichloroethene	2.726	61	166268	9.196	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	252813	9.256	ppbv	99
34) 2-Butanone	2.561	43	230961	9.135	ppbv	100
35) Carbon Tetrachloride	3.771	117	244671	9.478	ppbv	95
36) Benzene	3.664	78	343952	9.592	ppbv	98
37) 1,2-Dichloroethane	3.224	62	187160	9.991	ppbv	100
38) Trichloroethene	4.558	130	150693	9.202	ppbv	96
39) 1,2-Dichloropropane	4.324	63	123566	9.436	ppbv	97
40) 1,4-Dioxane	4.590	88	55292	8.879	ppbv #	93
41) Tetrahydrofuran	3.059	42	132108	9.372	ppbv	99
42) Bromodichloromethane	4.499	83	270154	9.678	ppbv	99
43) Methyl Methacrylate	4.888	69	136329	9.229	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	565415	9.290	ppbv	100
45) t-1,3-Dichloropropene	6.428	75	160784	9.645	ppbv	100

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

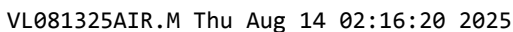
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 ClientSampleId :

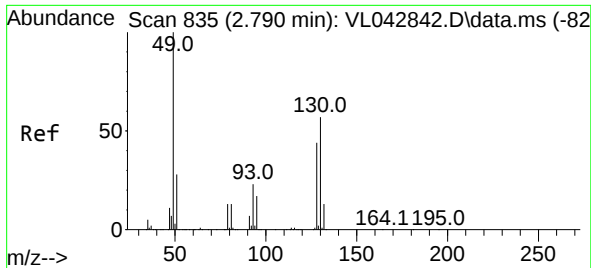
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	108009	5.200	ppbv	99
47) 1,1,2-Trichloroethane	6.597	97	132548	9.553	ppbv	99
48) Dibromochloromethane	7.399	129	217970	9.708	ppbv	100
49) Bromoform	9.493	173	174914	9.446	ppbv	99
50) 4-Methyl-2-Pentanone	5.765	43	322264	9.430	ppbv	100
51) 2-Hexanone	7.445	43	263321	9.791	ppbv #	98
52) Tetrachloroethene	8.234	164	110828	8.544	ppbv	89
53) Toluene	6.946	91	398138	9.340	ppbv	100
54) 1,2-Dibromoethane	7.665	107	193340	9.535	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.937	131	160225	9.291	ppbv	99
57) Chlorobenzene	8.933	112	297375	9.378	ppbv	97
58) Ethyl Benzene	9.364	91	554015	9.414	ppbv	100
59) m/p-Xylene	9.542	91	462620	10.029	ppbv #	100
60) o-Xylene	9.972	91	428721	9.239	ppbv	99
61) Styrene	9.879	104	203858	9.377	ppbv	100
62) Isopropylbenzene	10.549	105	624287	9.206	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	225237	8.826	ppbv	100
64) n-propylbenzene	10.998	120	158234	9.145	ppbv	97
65) tert-Butylbenzene	11.539	119	534795	8.946	ppbv	98
66) Benzyl Chloride	11.623	91	68533	9.031	ppbv	99
67) sec-Butylbenzene	11.775	105	762602	9.088	ppbv	100
69) p-Isopropyltoluene	11.934	119	634670	8.810	ppbv	98
70) n-Butylbenzene	12.287	91	647453	9.062	ppbv	99
71) 2-Chlorotoluene	10.908	91	485171	9.214	ppbv	98
72) 4-Ethyltoluene	11.131	105	525262	9.338	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	435705	9.108	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	469573	8.943	ppbv	94
75) 1,3-Dichlorobenzene	11.613	146	274876	9.209	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	270976	8.976	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	255347	8.736	ppbv	98
78) Hexachloro-1,3-Butadiene	13.886	225	186318	7.778	ppbv	97
79) Naphthalene	13.520	128	441940	9.284	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	145644	8.188	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	215715	9.016	ppbv	99

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

Quant Time: Aug 14 02:16:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
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QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

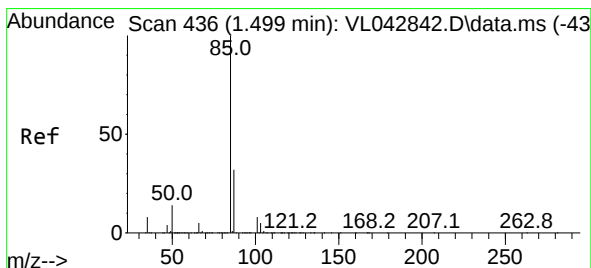
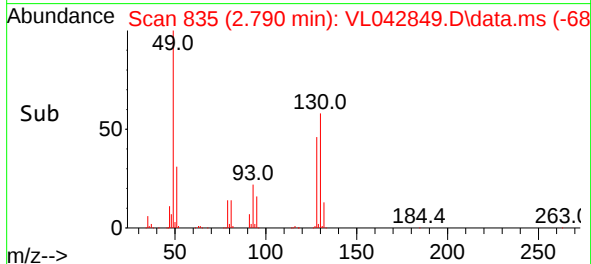
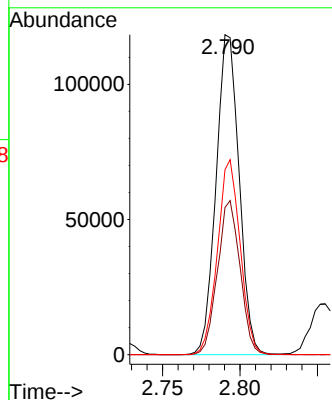
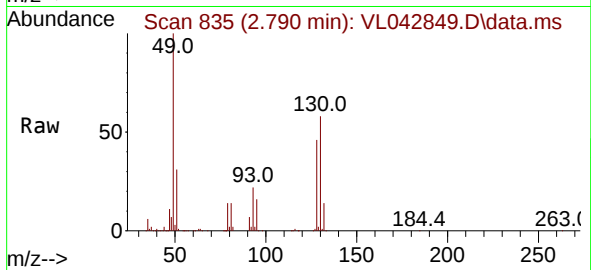




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 835
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

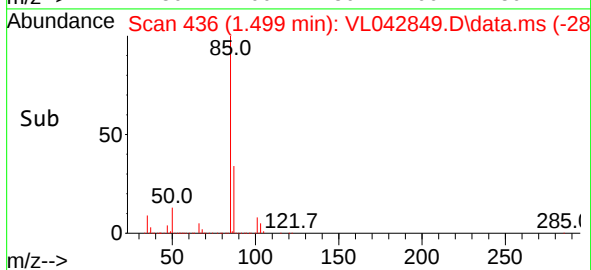
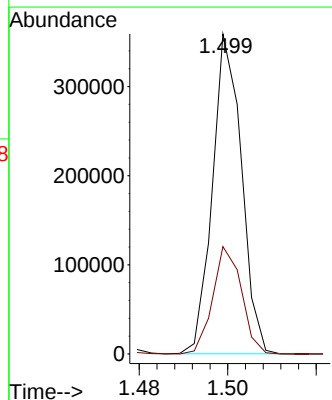
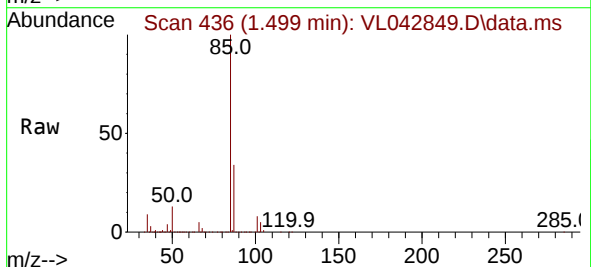
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 ClientSampleId :

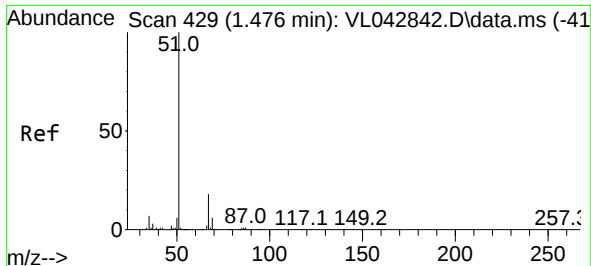
Tgt Ion: 49 Resp: 122486
 Ion Ratio Lower Upper
 49 100
 128 47.2 23.7 71.1
 130 60.0 30.6 91.6



#2
 Dichlorodifluoromethane
 Concen: 9.105 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 85 Resp: 163446
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.3 37.9

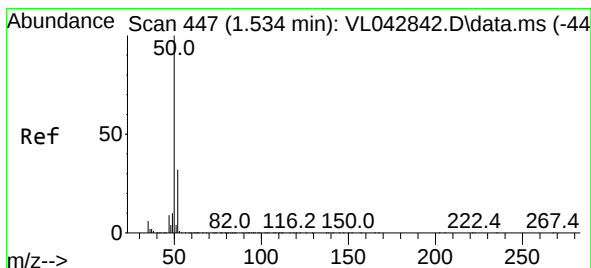
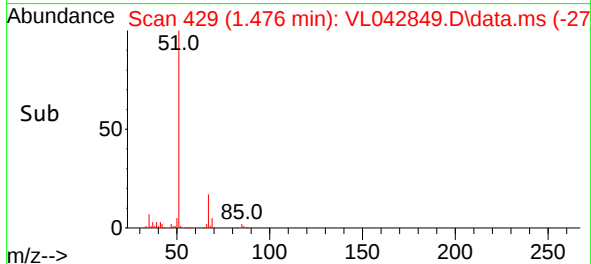
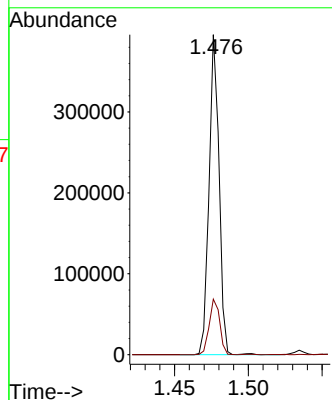
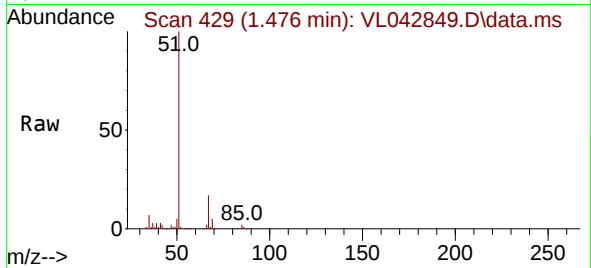




#3
Chlorodifluoromethane
Concen: 9.327 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

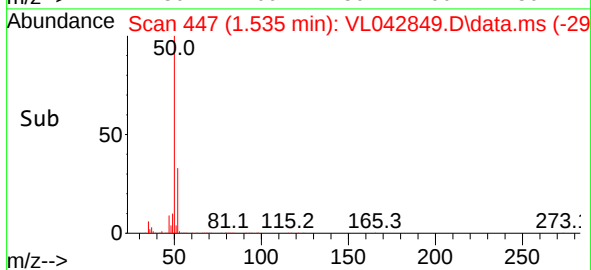
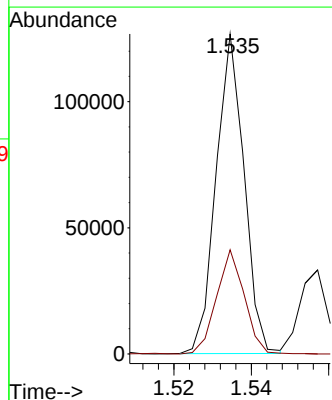
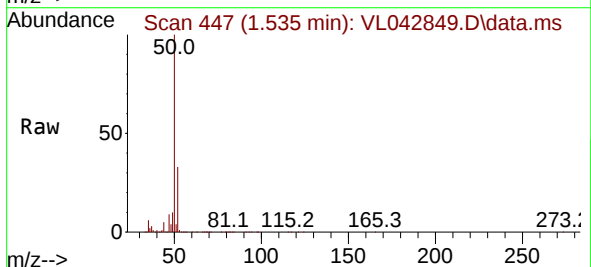
Instrument :
MSVOA_L
ClientSampleId :

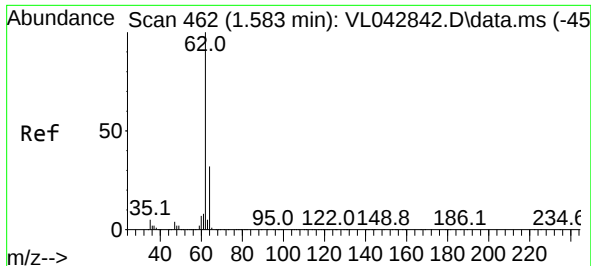
Tgt Ion: 51 Resp: 185078
Ion Ratio Lower Upper
51 100
67 18.6 14.9 22.3



#4
Chloromethane
Concen: 8.784 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 50 Resp: 63634
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

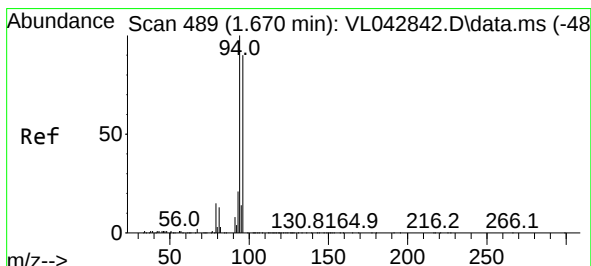
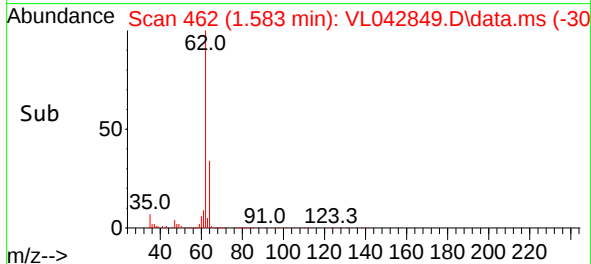
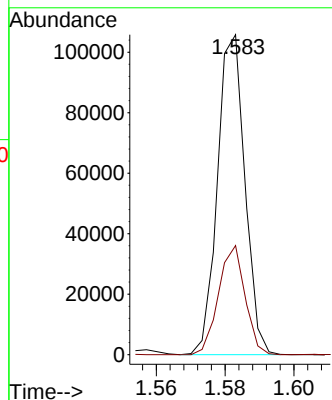
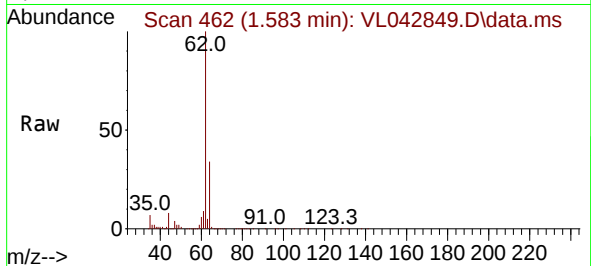




#5
 Vinyl Chloride
 Concen: 8.232 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

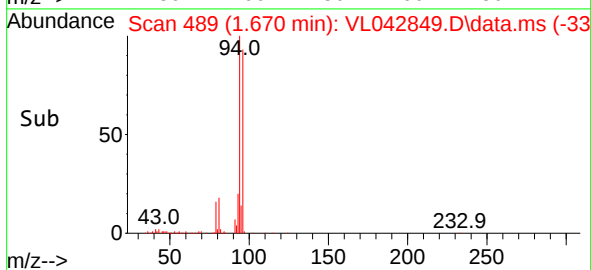
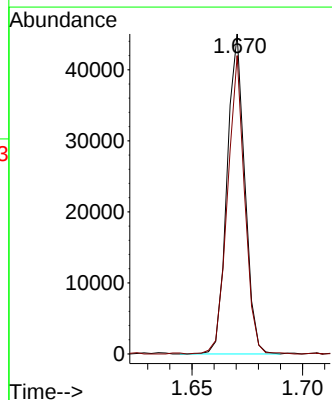
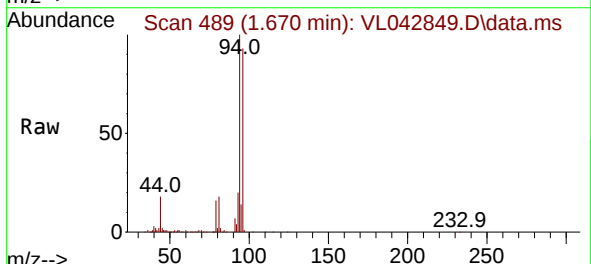
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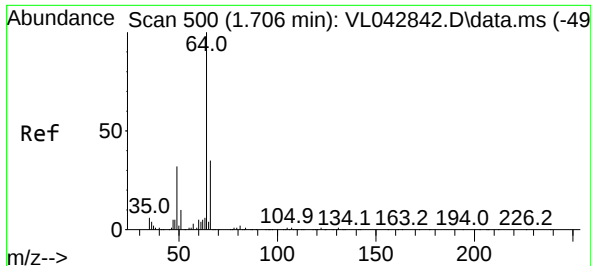
Tgt Ion: 62 Resp: 58729
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.4 38.2



#6
 Bromomethane
 Concen: 8.801 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 94 Resp: 25105
 Ion Ratio Lower Upper
 94 100
 96 92.9 72.1 108.1

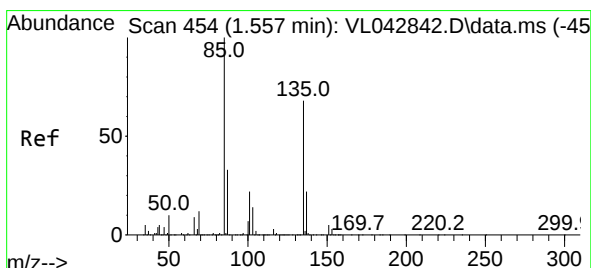
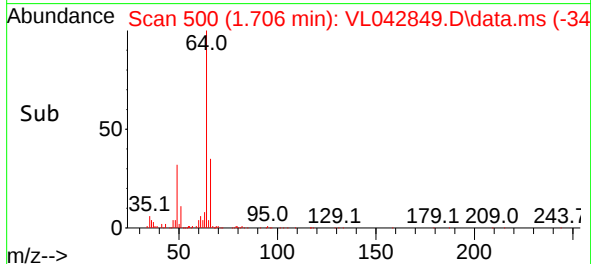
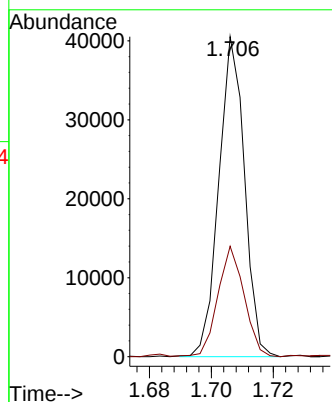
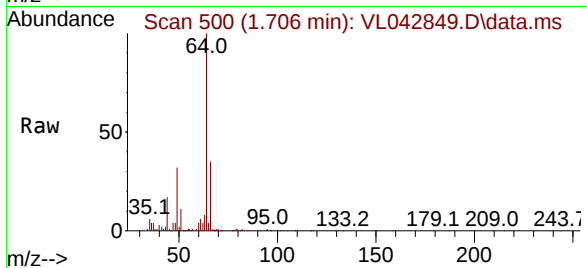




#7
Chloroethane
Concen: 8.360 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

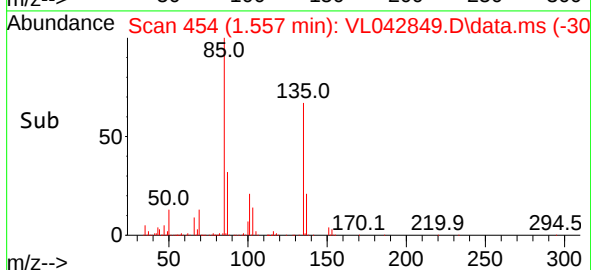
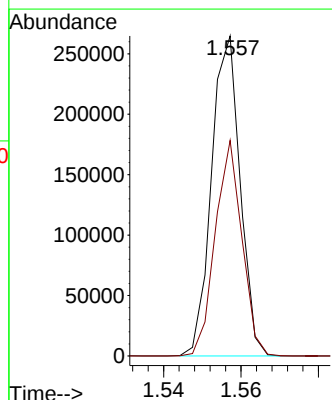
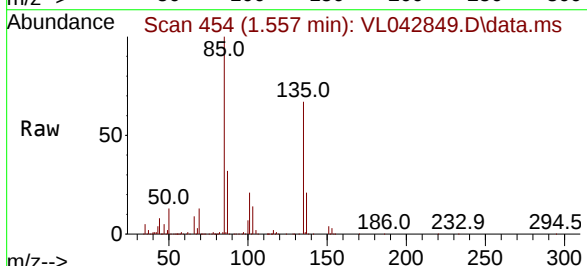
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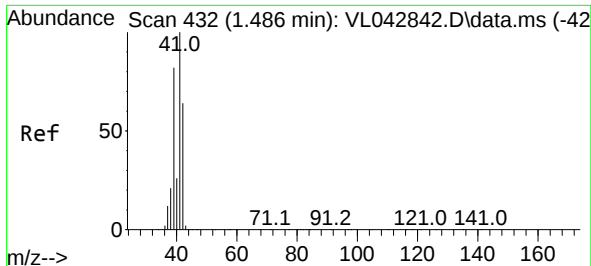
Tgt Ion: 64 Resp: 23293
Ion Ratio Lower Upper
64 100
66 34.5 28.6 42.8



#8
Dichlorotetrafluoroethane
Concen: 9.248 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 85 Resp: 135845
Ion Ratio Lower Upper
85 100
135 62.9 51.2 76.8





#9

Propene

Concen: 8.922 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

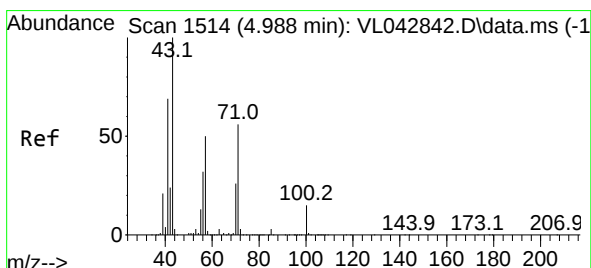
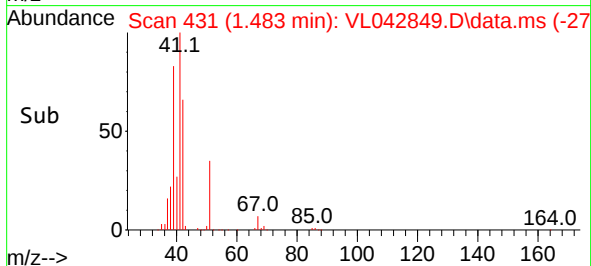
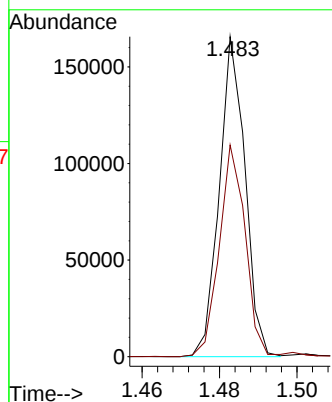
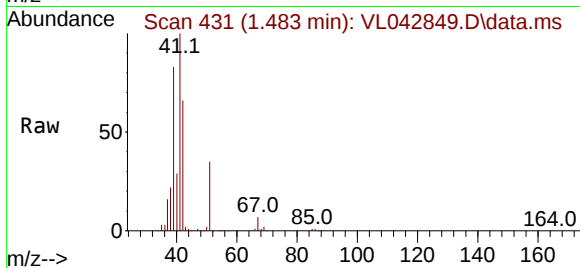
ClientSampleId :

Tgt Ion: 41 Resp: 76457

Ion Ratio Lower Upper

41 100

42 68.4 53.0 79.4



#10

Heptane

Concen: 8.990 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VL042849.D

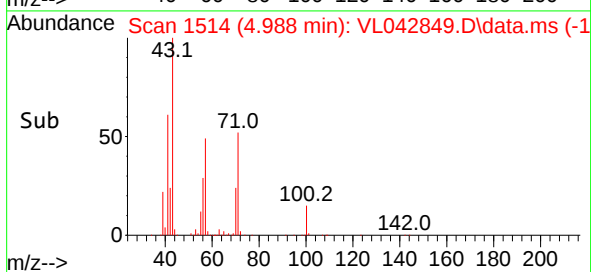
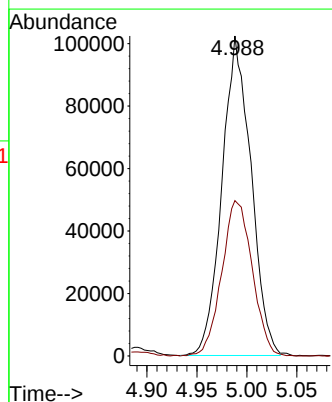
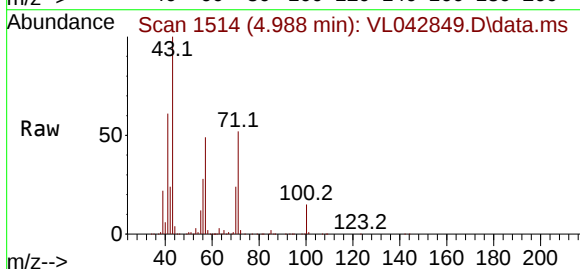
Acq: 13 Aug 2025 12:56

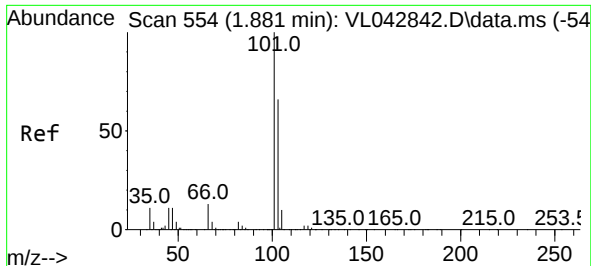
Tgt Ion: 43 Resp: 206333

Ion Ratio Lower Upper

43 100

57 51.2 41.4 62.0

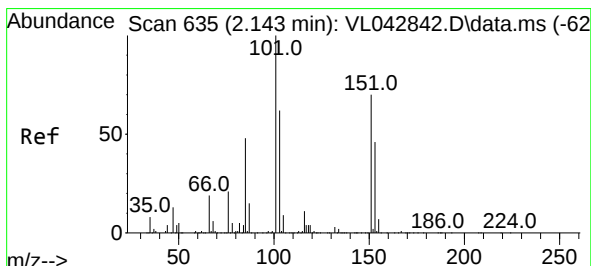
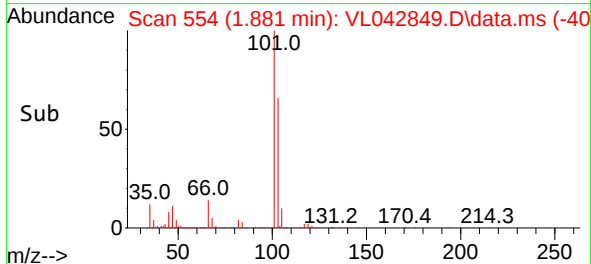
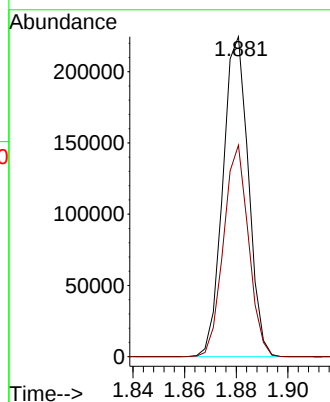
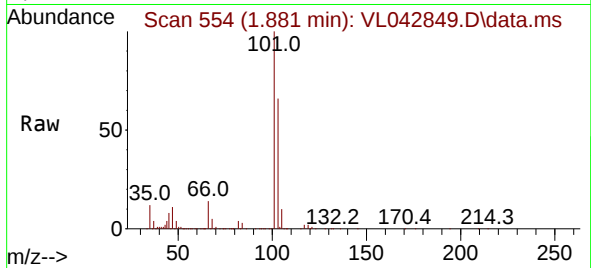




#11
 Trichlorofluoromethane
 Concen: 8.707 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

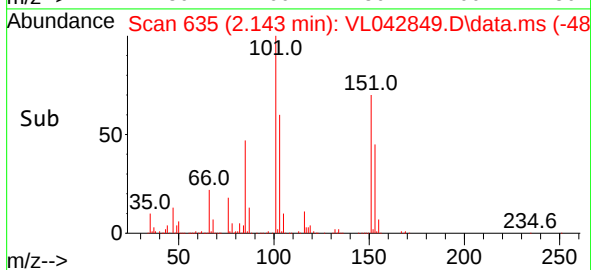
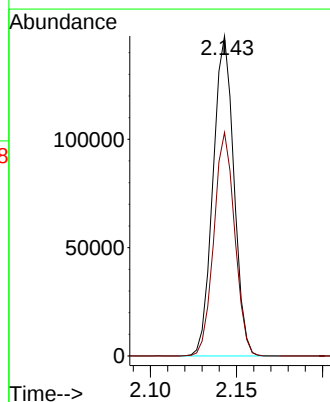
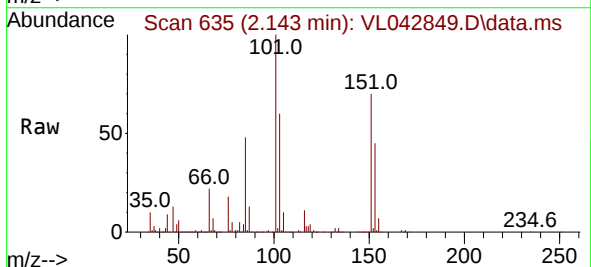
Instrument :
 MSVOA_L
 ClientSampleId :

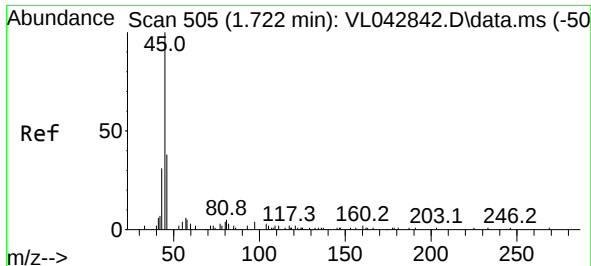
Tgt Ion:101 Resp: 154211
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.824 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion:101 Resp: 124558
 Ion Ratio Lower Upper
 101 100
 151 69.7 56.4 84.6

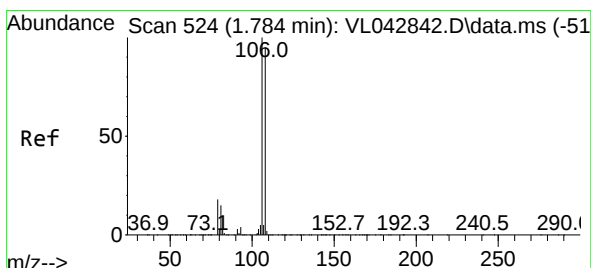
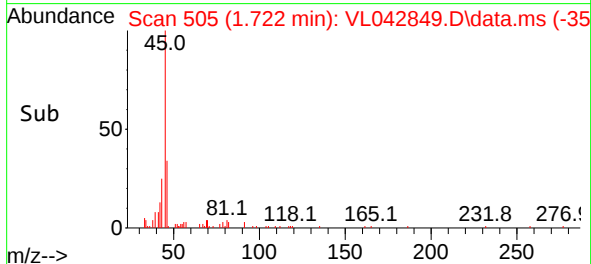
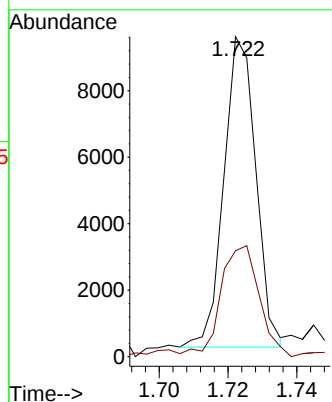
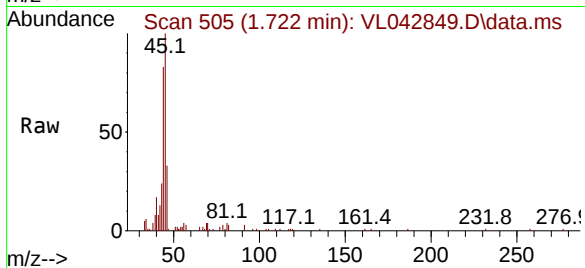




#13
Ethanol
Concen: 7.678 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

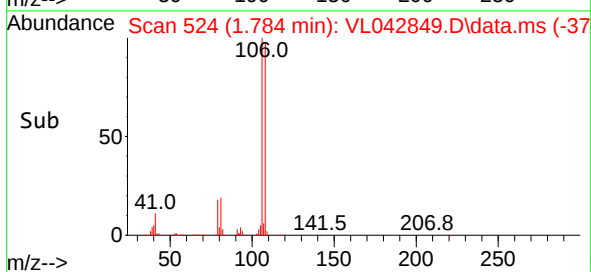
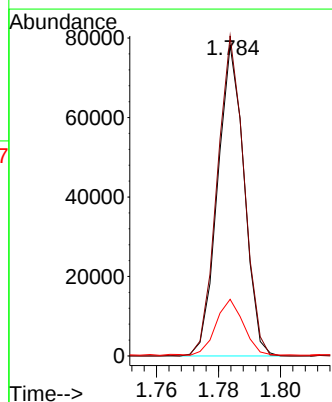
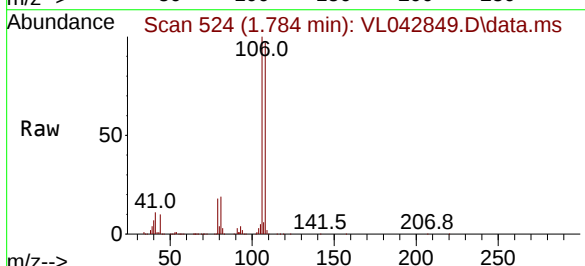
Instrument :
MSVOA_L
ClientSampleId :

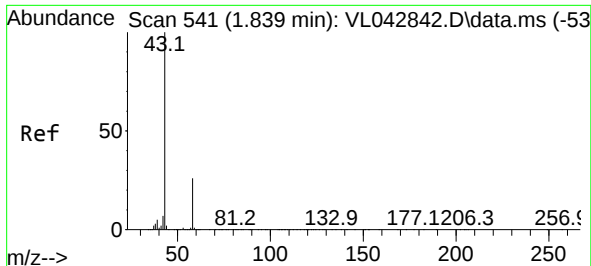
Tgt Ion: 45 Resp: 6016
Ion Ratio Lower Upper
45 100
46 46.2 17.5 69.9



#14
Bromoethene
Concen: 9.105 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 108 Resp: 46528
Ion Ratio Lower Upper
108 100
106 104.1 85.1 127.7
79 19.8 16.3 24.5

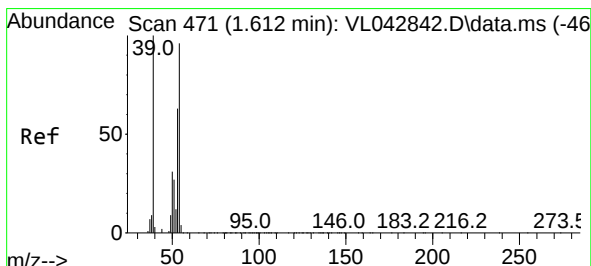
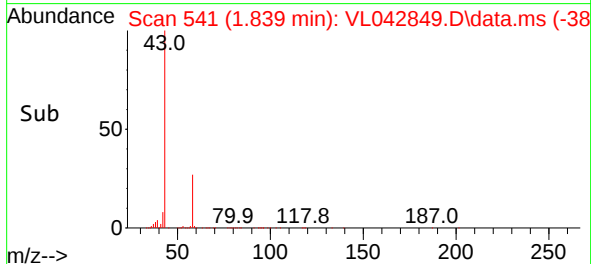
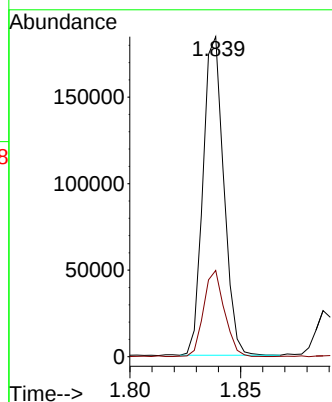
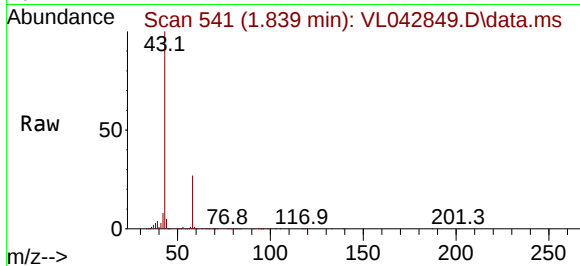




#15
Acetone
Concen: 7.389 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

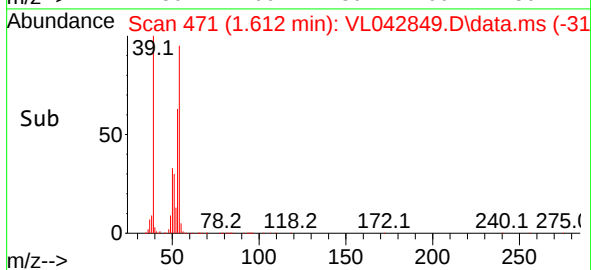
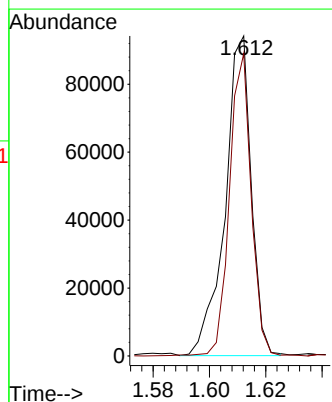
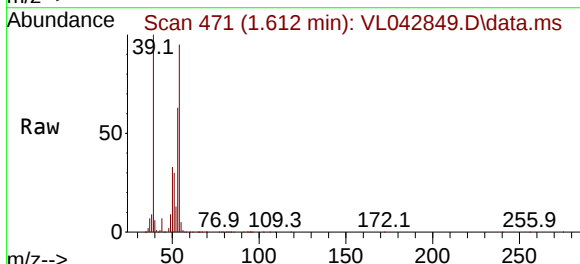
Instrument :
MSVOA_L
ClientSampleId :

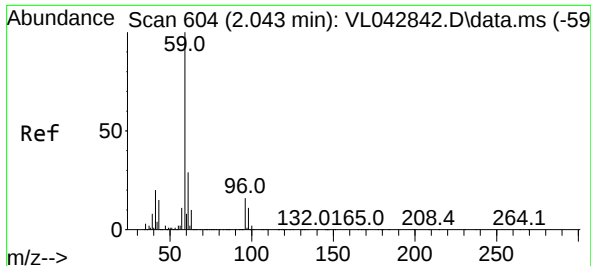
Tgt Ion: 43 Resp: 119723
Ion Ratio Lower Upper
43 100
58 27.6 22.4 33.6



#16
1,3-Butadiene
Concen: 8.285 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 39 Resp: 60853
Ion Ratio Lower Upper
39 100
54 78.9 63.6 95.4

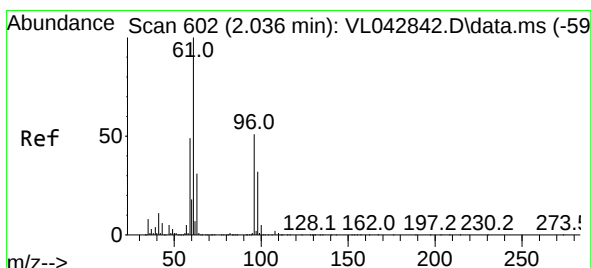
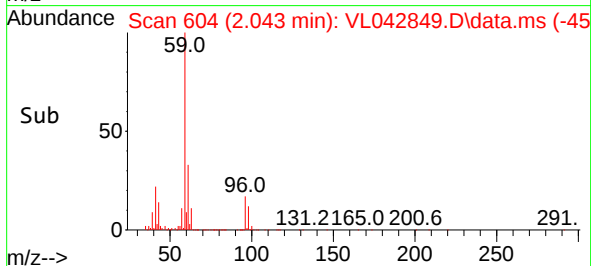
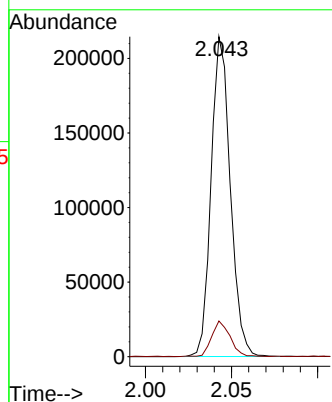
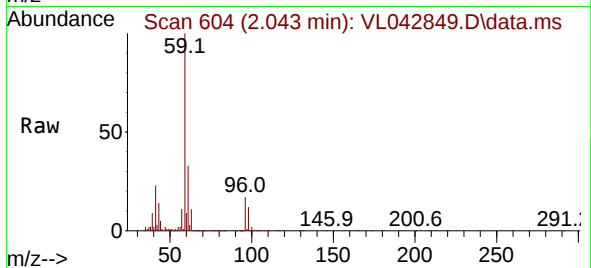




#17
tert-Butyl alcohol
Concen: 8.663 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

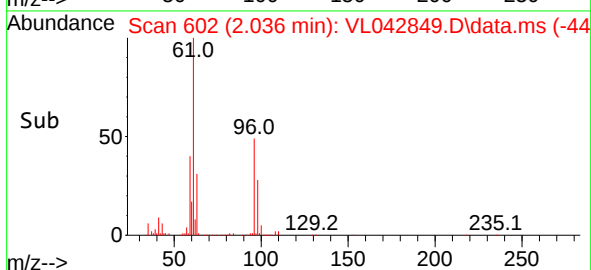
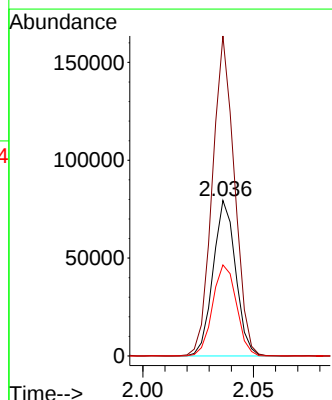
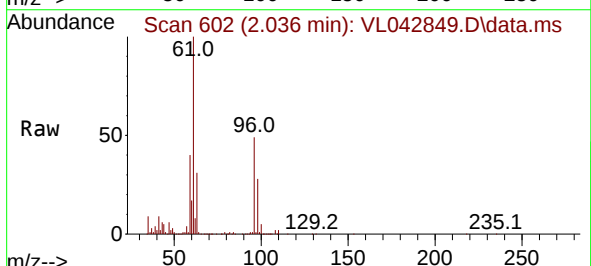
Instrument :
MSVOA_L
ClientSampleId :

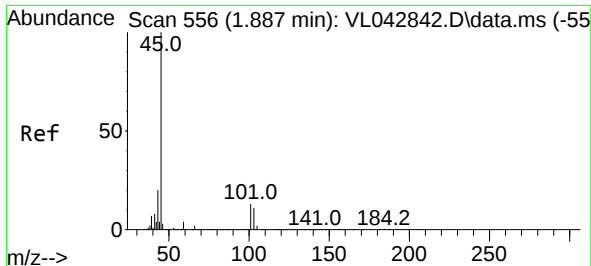
Tgt Ion: 59 Resp: 166457
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#18
1,1-Dichloroethene
Concen: 9.087 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 96 Resp: 56397
Ion Ratio Lower Upper
96 100
61 205.8 158.2 237.4
98 58.5 50.6 76.0

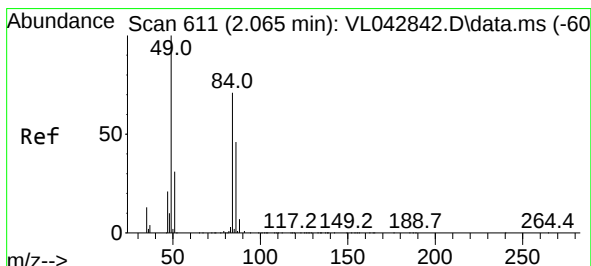
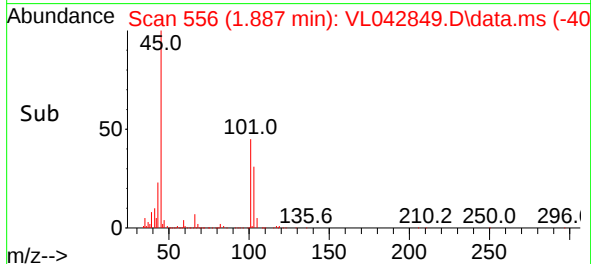
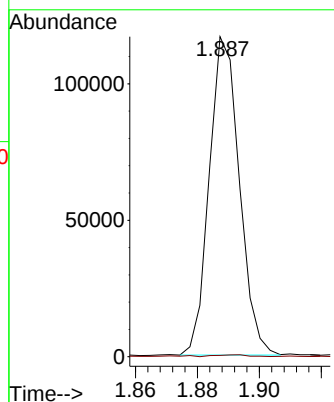
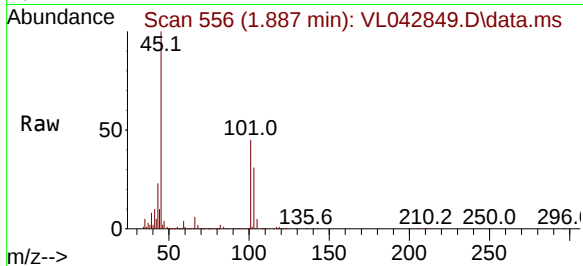




#19
Isopropyl Alcohol
Concen: 8.146 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

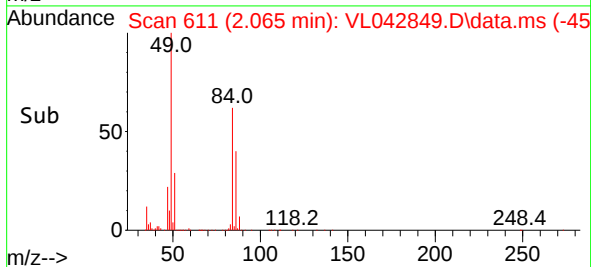
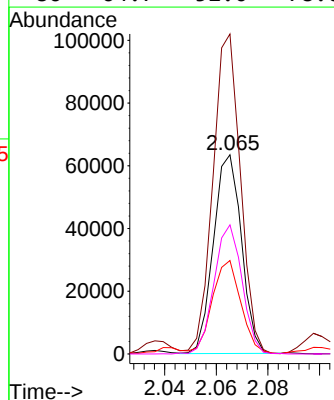
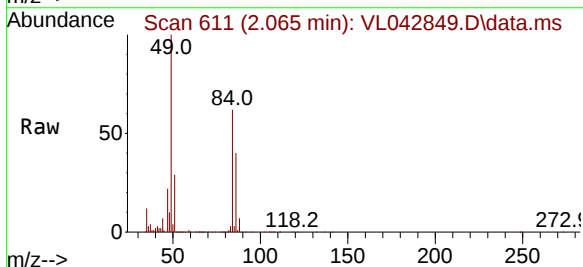
Instrument :
MSVOA_L
ClientSampleId :

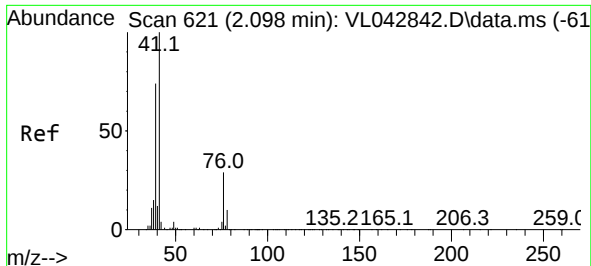
Tgt Ion: 45 Resp: 78832
Ion Ratio Lower Upper
45 100
58 42.0 32.7 49.1



#20
Methylene Chloride
Concen: 7.041 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 84 Resp: 47793
Ion Ratio Lower Upper
84 100
49 160.7 112.3 168.5
51 46.9 36.0 54.0
86 64.7 52.0 78.0

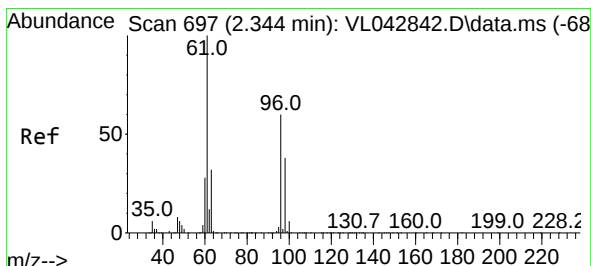
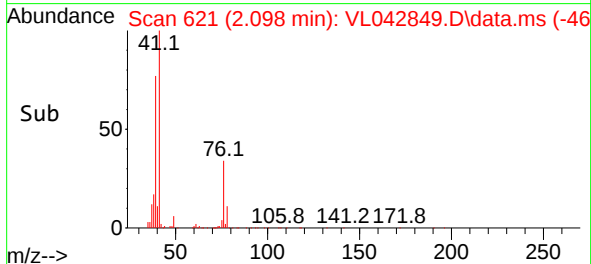
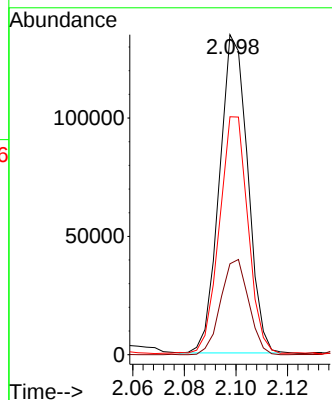
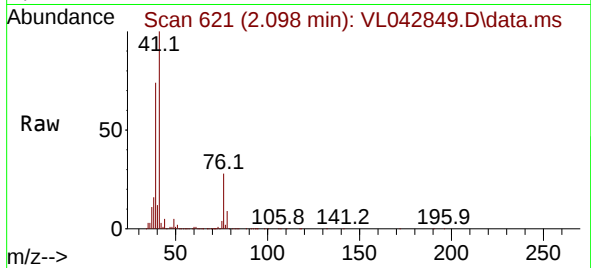




#21
 Allyl Chloride
 Concen: 8.956 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

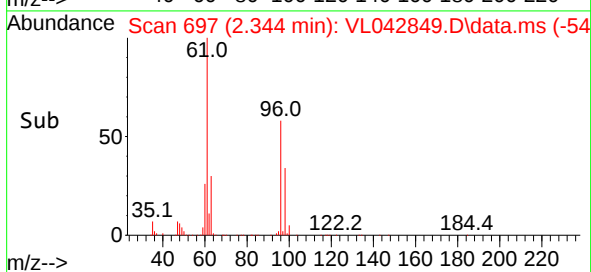
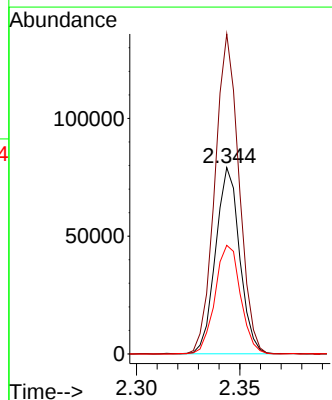
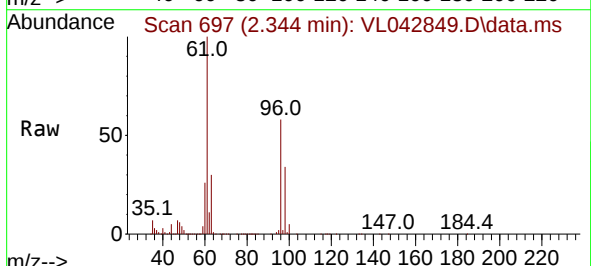
Instrument :
 MSVOA_L
 ClientSampleId :

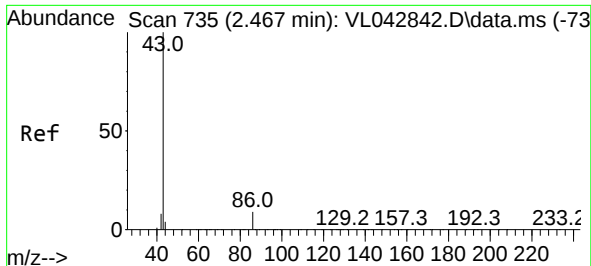
Tgt Ion: 41 Resp: 102514
 Ion Ratio Lower Upper
 41 100
 76 29.5 23.9 35.9
 39 76.1 57.8 86.6



#22
 trans-1,2-Dichloroethene
 Concen: 8.904 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 96 Resp: 63932
 Ion Ratio Lower Upper
 96 100
 61 171.8 132.6 199.0
 98 58.3 50.0 75.0



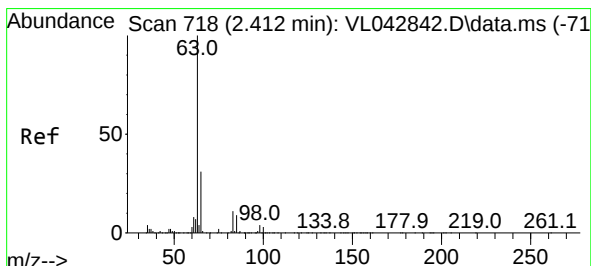
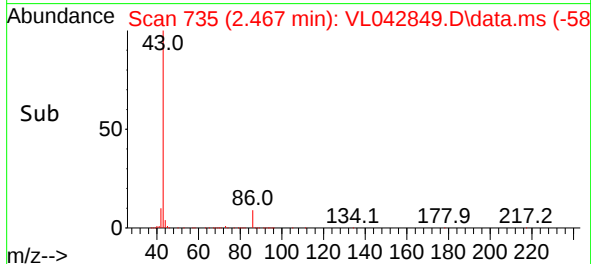
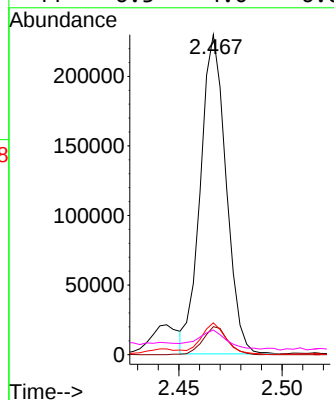
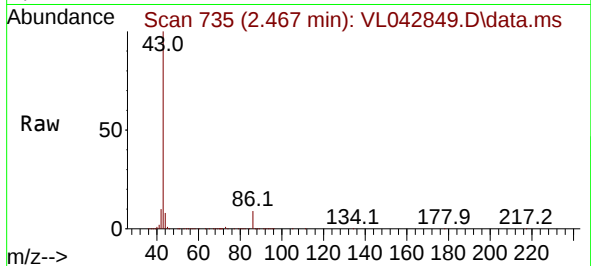


#23
 Vinyl Acetate
 Concen: 8.891 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 198083

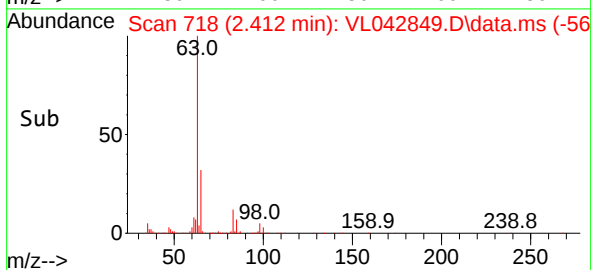
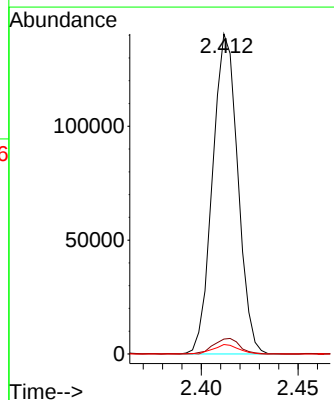
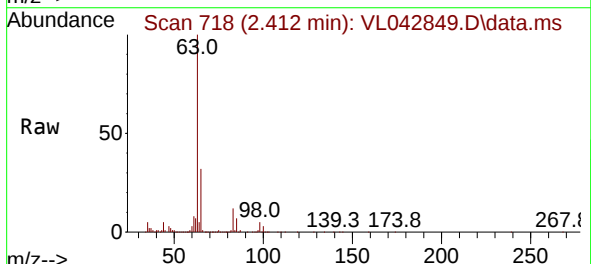
Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.6	9.8
42	9.8	7.0	10.6
44	6.3	4.0	6.0



#24
 1,1-Dichloroethane
 Concen: 8.903 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 63 Resp: 127660

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.5
100	3.0	1.7	5.1

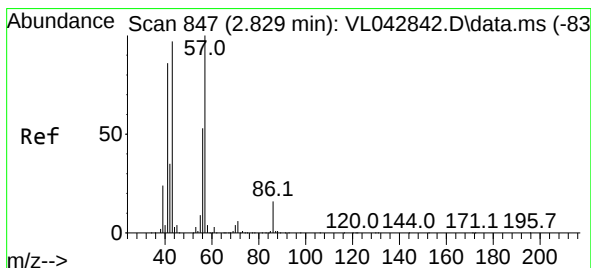
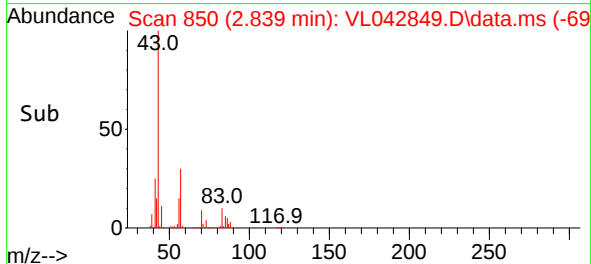
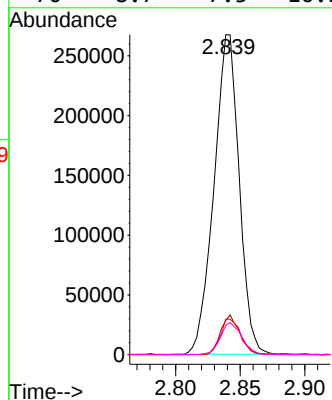
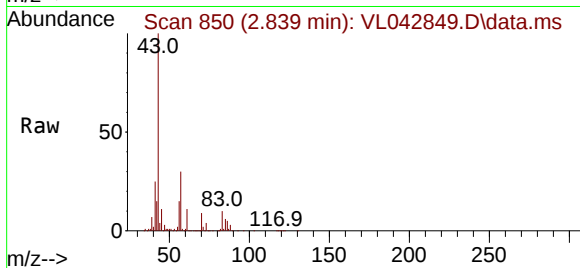




#25
Ethyl Acetate
Concen: 9.240 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

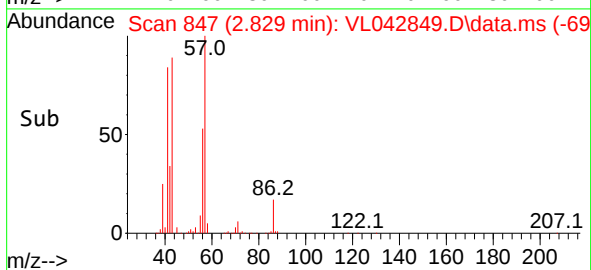
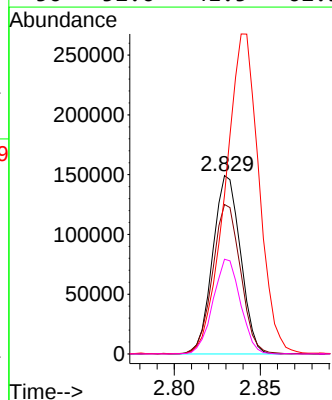
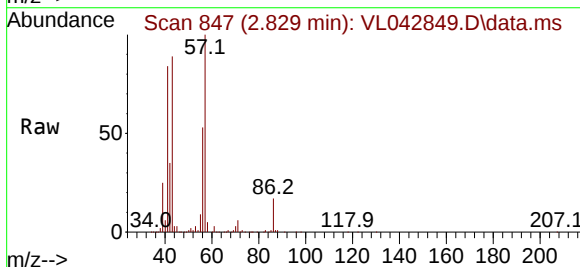
Instrument :
MSVOA_L
ClientSampleId :

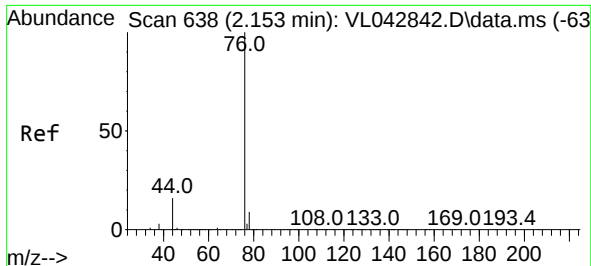
Tgt Ion: 43	Resp: 362325
Ion Ratio	Lower Upper
43 100	
45 9.5	8.1 12.1
61 9.1	7.4 11.2
70 8.7	7.3 10.9



#26
Hexane
Concen: 9.246 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 57	Resp: 167364
Ion Ratio	Lower Upper
57 100	
41 85.0	68.6 103.0
43 218.2	168.5 252.7
56 52.6	41.5 62.3





#27

Carbon Disulfide

Concen: 8.841 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.000 min

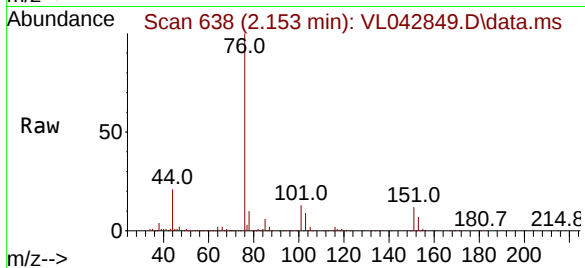
Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :



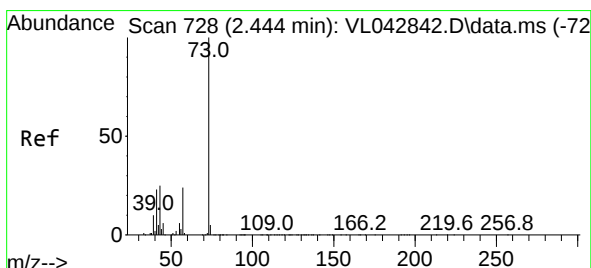
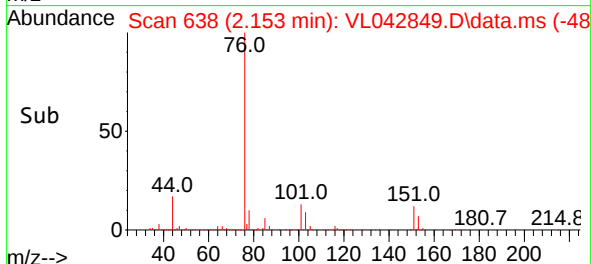
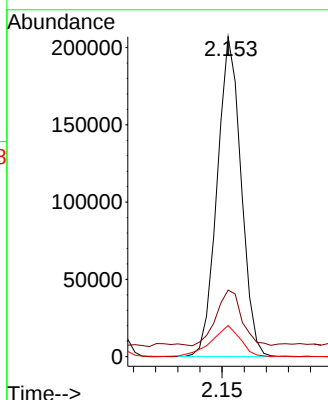
Tgt Ion: 76 Resp: 155729

Ion Ratio Lower Upper

76 100

44 19.2 15.9 23.9

78 11.9 9.5 14.3



#28

Methyl tert-Butyl Ether

Concen: 8.898 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.000 min

Lab File: VL042849.D

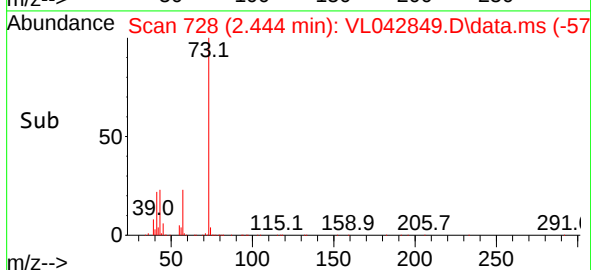
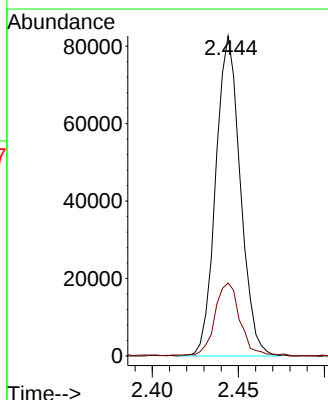
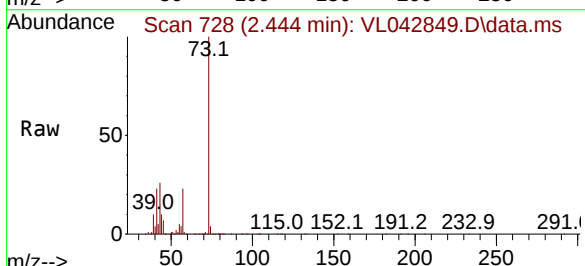
Acq: 13 Aug 2025 12:56

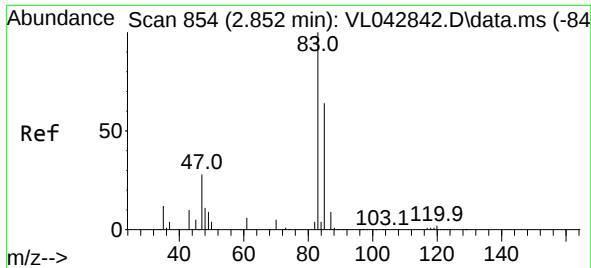
Tgt Ion: 73 Resp: 82126

Ion Ratio Lower Upper

73 100

57 22.9 21.6 32.4





#29

Chloroform

Concen: 9.377 ppbv

RT: 2.855 min Scan# 8

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

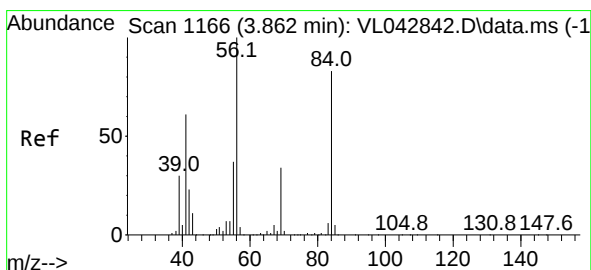
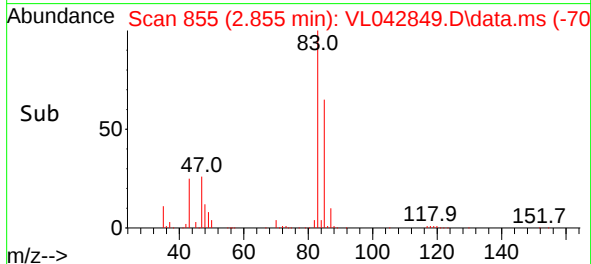
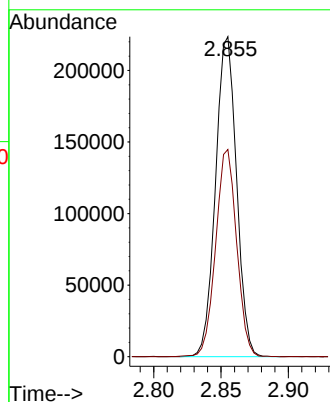
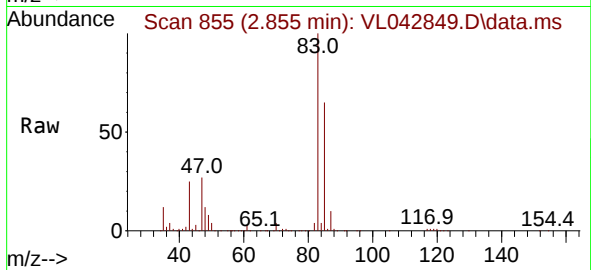
ClientSampleId :

Tgt Ion: 83 Resp: 242320

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7



#30

Cyclohexane

Concen: 9.289 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

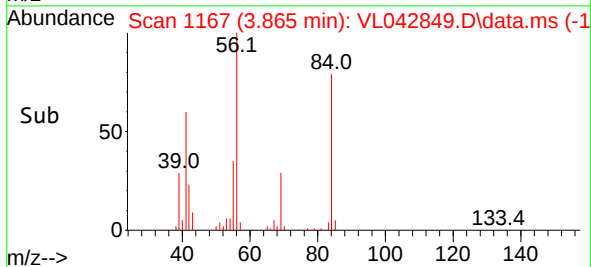
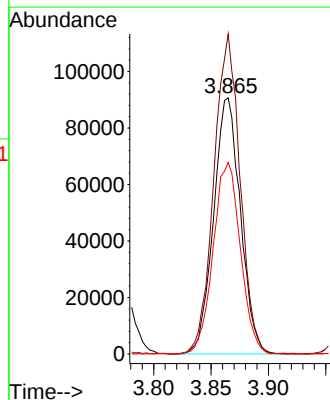
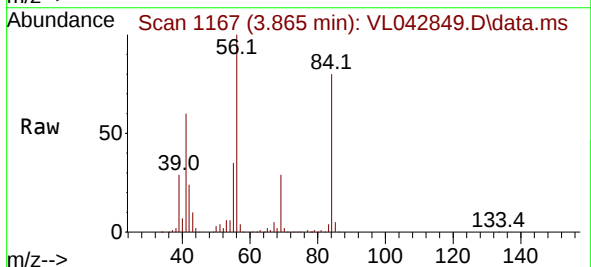
Tgt Ion: 84 Resp: 147417

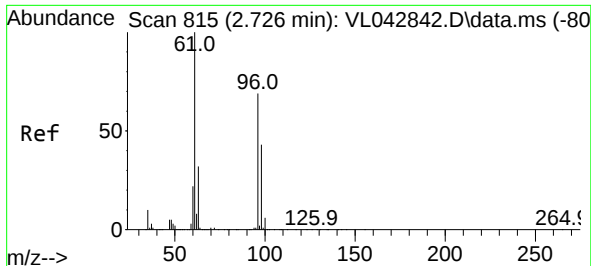
Ion Ratio Lower Upper

84 100

56 122.1 98.8 148.2

41 75.8 61.3 91.9

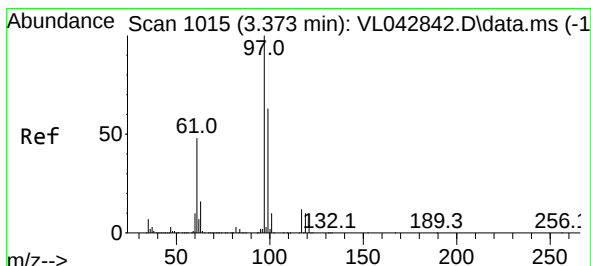
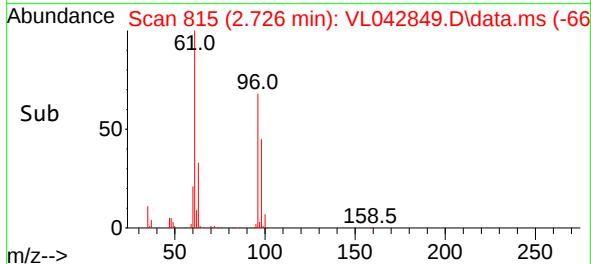
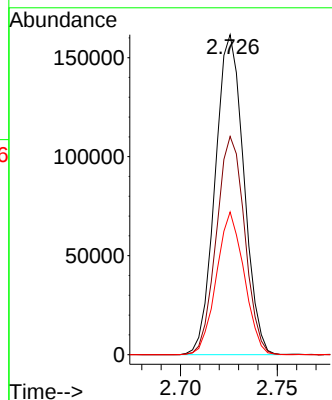
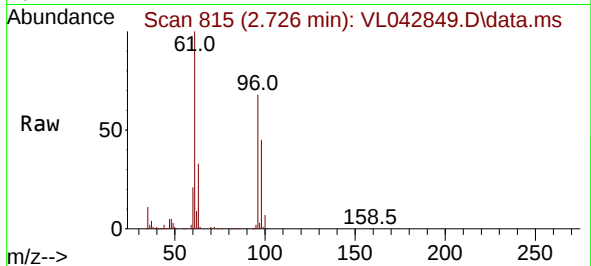




#31
 cis-1,2-Dichloroethene
 Concen: 9.196 ppbv
 RT: 2.726 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

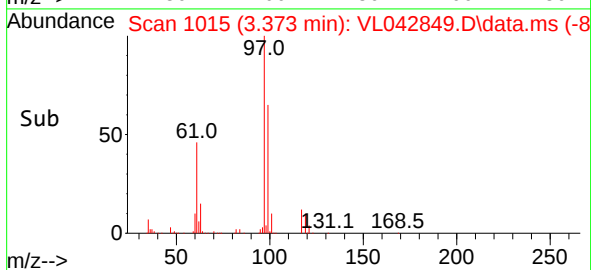
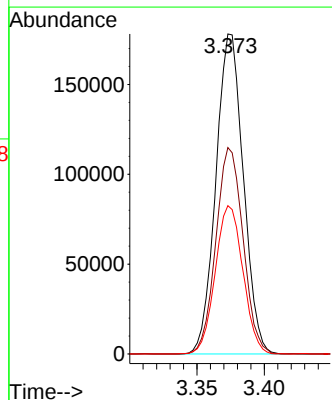
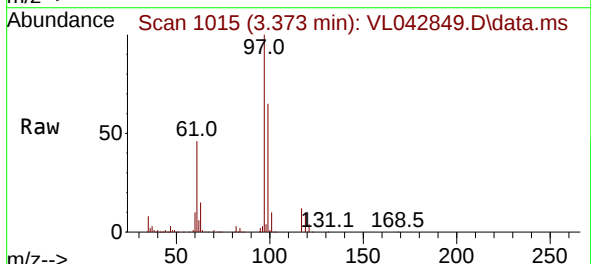
Instrument :
 MSVOA_L
 ClientSampleId :

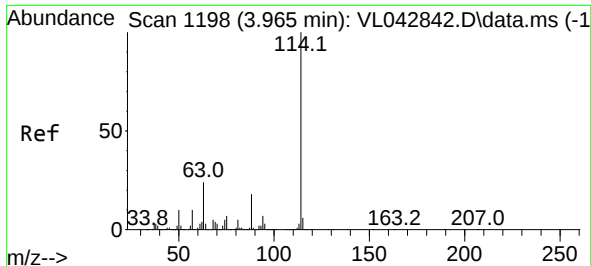
Tgt Ion: 61 Resp: 166268
 Ion Ratio Lower Upper
 61 100
 96 68.2 55.0 82.6
 98 44.5 34.3 51.5



#32
 1,1,1-Trichloroethane
 Concen: 9.256 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 97 Resp: 252813
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 46.7 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

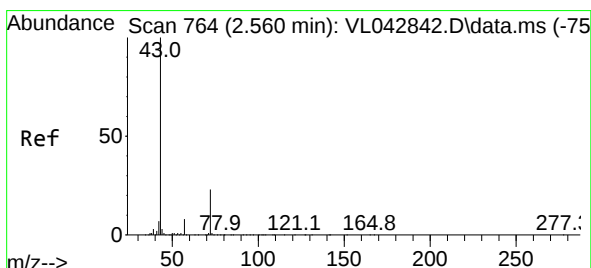
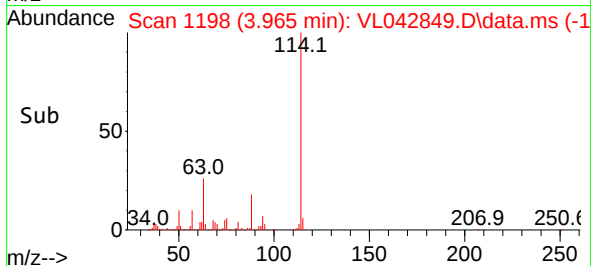
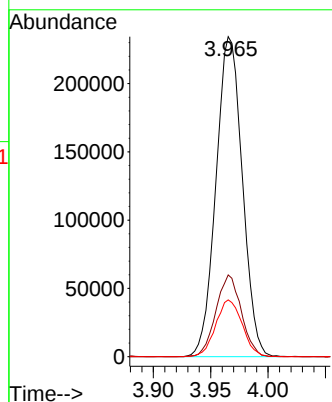
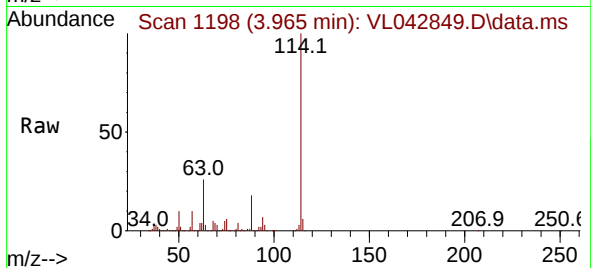
Tgt Ion:114 Resp: 374448

Ion Ratio Lower Upper

114 100

63 24.6 19.7 29.5

88 17.9 14.4 21.6



#34

2-Butanone

Concen: 9.135 ppbv

RT: 2.561 min Scan# 764

Delta R.T. 0.000 min

Lab File: VL042849.D

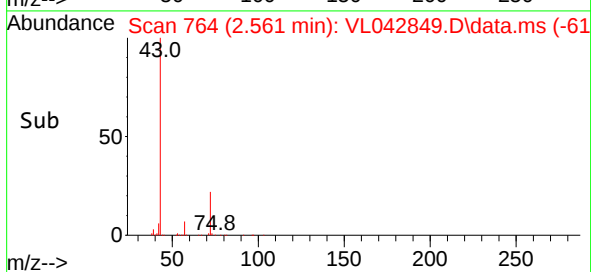
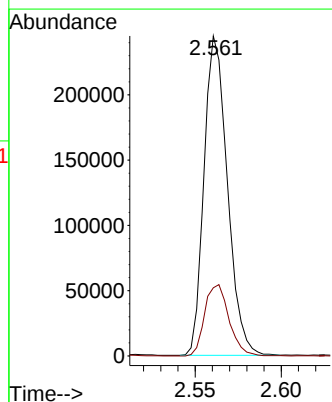
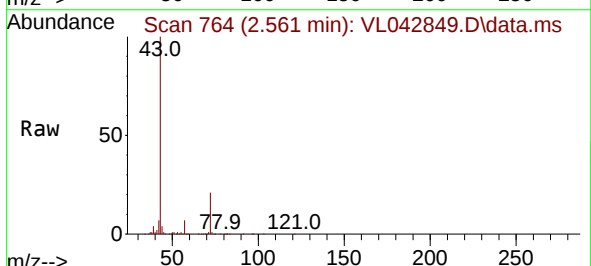
Acq: 13 Aug 2025 12:56

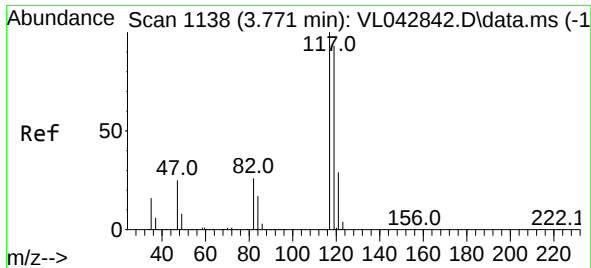
Tgt Ion: 43 Resp: 230961

Ion Ratio Lower Upper

43 100

72 23.4 18.6 28.0

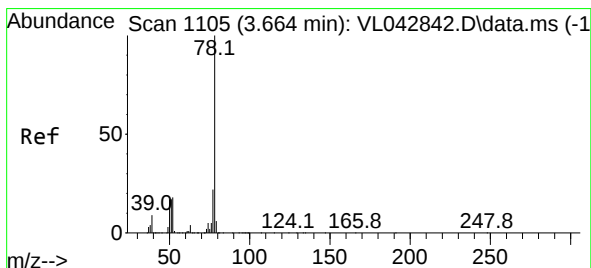
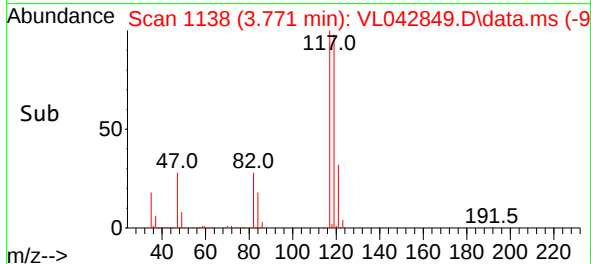
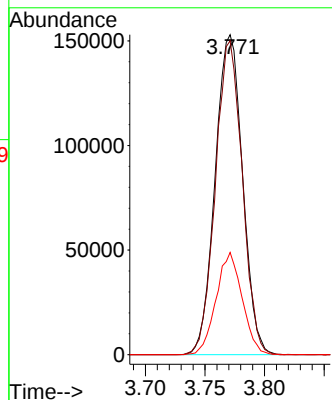
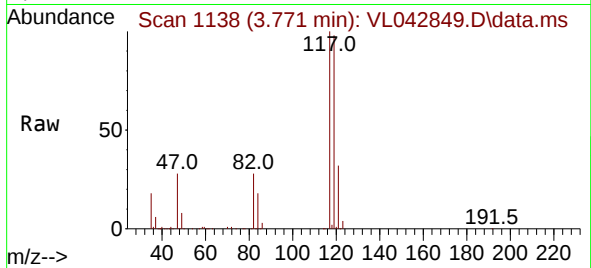




#35
Carbon Tetrachloride
Concen: 9.478 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

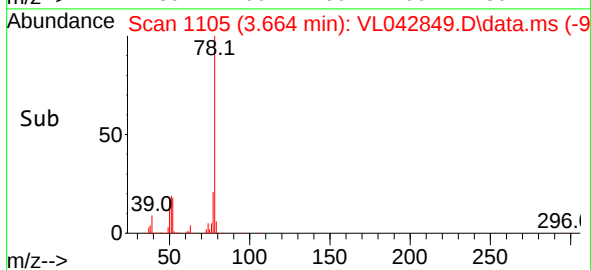
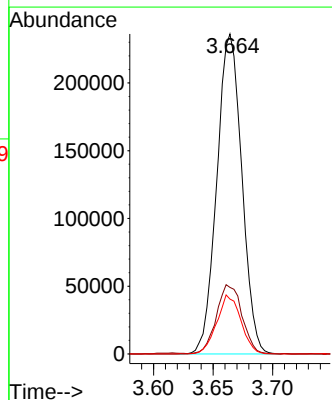
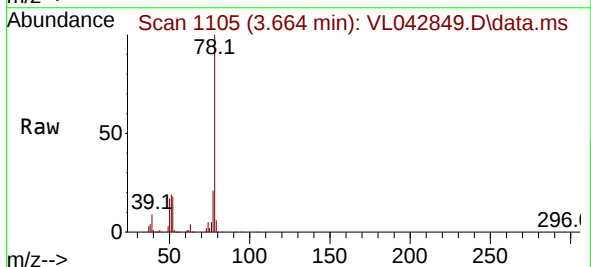
Instrument :
MSVOA_L
ClientSampleId :

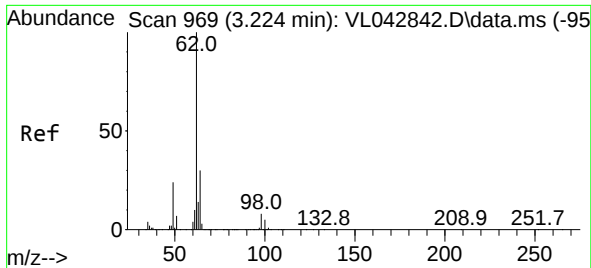
Tgt Ion:117 Resp: 244671
Ion Ratio Lower Upper
117 100
119 98.1 74.7 112.1
121 32.0 23.2 34.8



#36
Benzene
Concen: 9.592 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 78 Resp: 343952
Ion Ratio Lower Upper
78 100
77 20.8 17.7 26.5
50 17.1 13.9 20.9

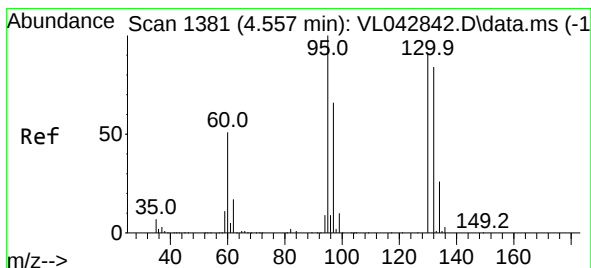
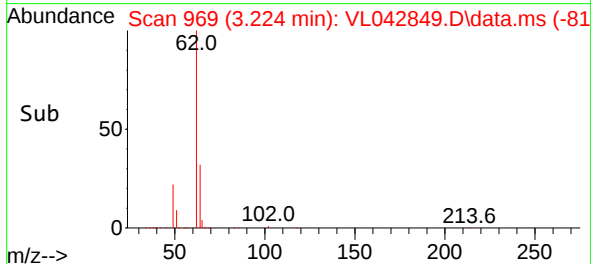
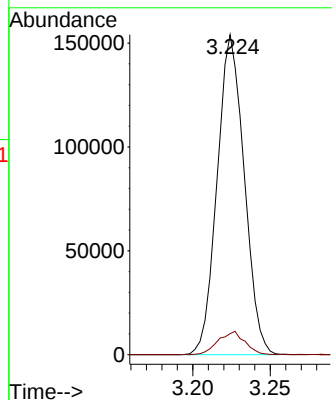
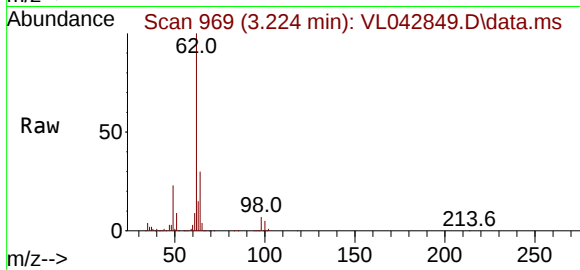




#37
1,2-Dichloroethane
Concen: 9.991 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

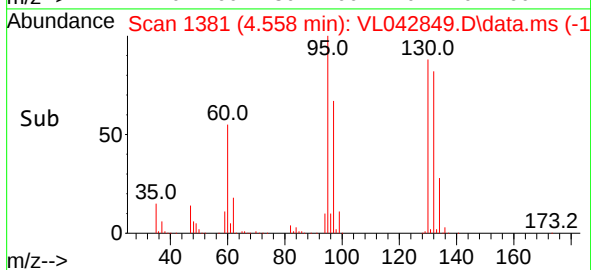
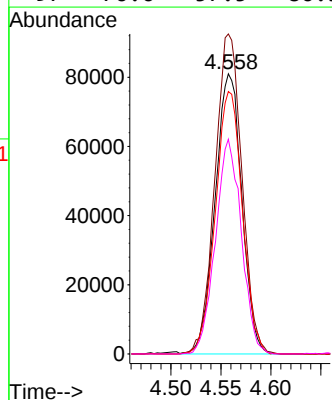
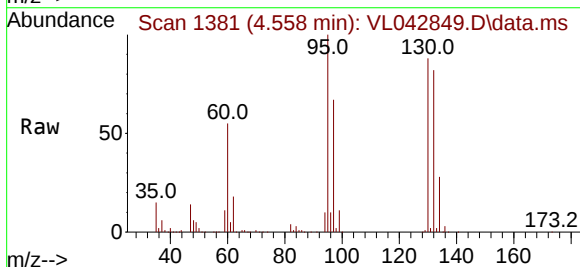
Instrument :
MSVOA_L
ClientSampleId :

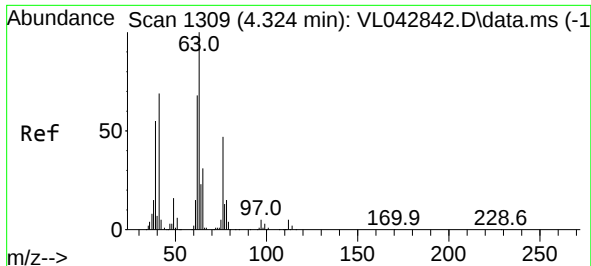
Tgt Ion: 62 Resp: 187160
Ion Ratio Lower Upper
62 100
98 7.2 5.9 8.9



#38
Trichloroethene
Concen: 9.202 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 130 Resp: 150693
Ion Ratio Lower Upper
130 100
95 114.2 87.6 131.4
132 93.6 73.8 110.8
97 76.6 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.436 ppbv

RT: 4.324 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

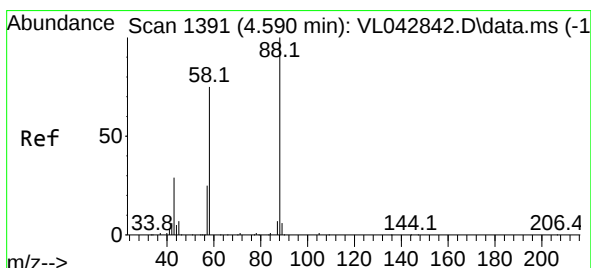
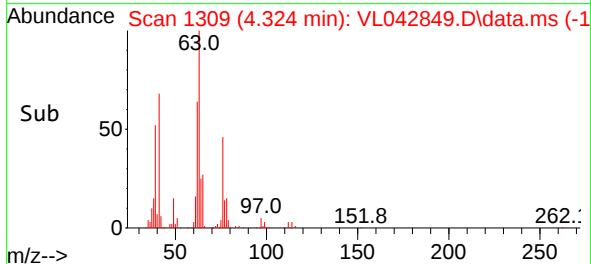
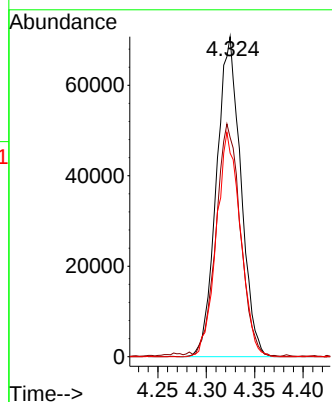
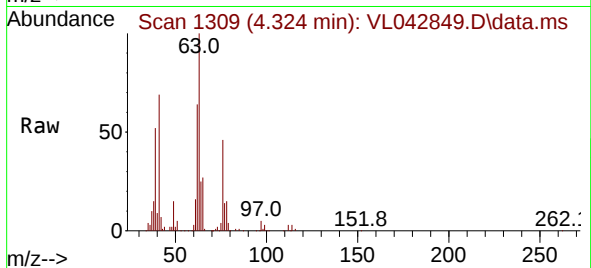
Tgt Ion: 63 Resp: 123566

Ion Ratio Lower Upper

63 100

41 68.4 55.0 82.4

62 63.6 54.4 81.6



#40

1,4-Dioxane

Concen: 8.879 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion: 88 Resp: 55292

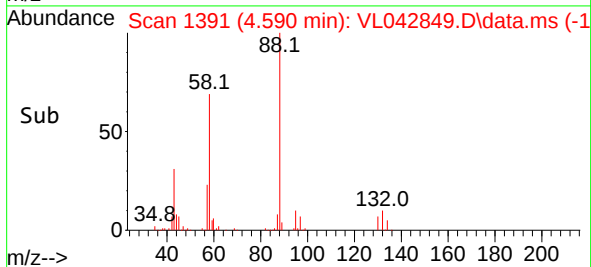
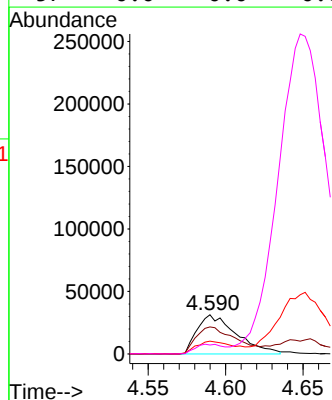
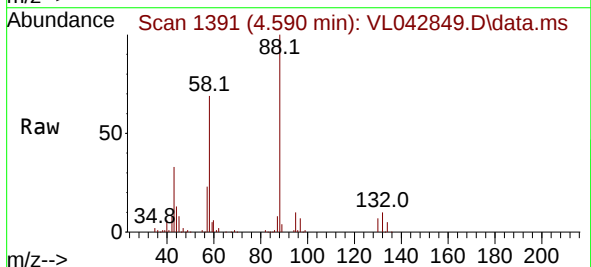
Ion Ratio Lower Upper

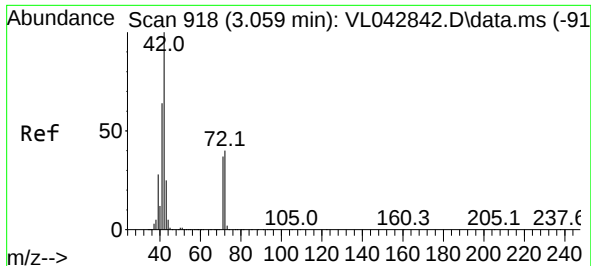
88 100

58 72.7 53.8 80.6

43 32.4 22.8 34.2

57 0.0 0.0 0.0

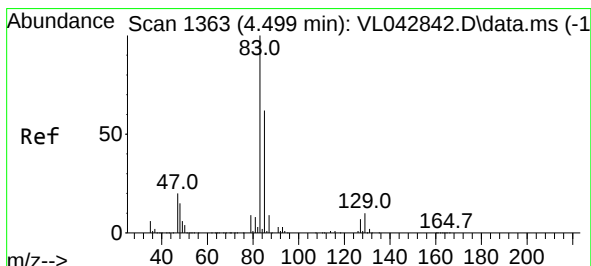
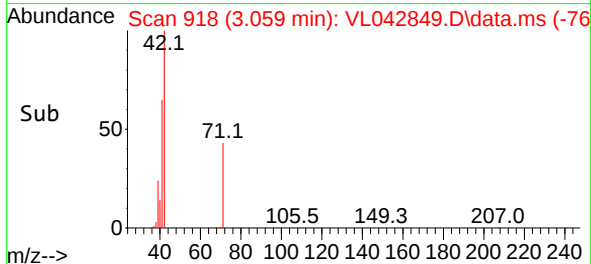
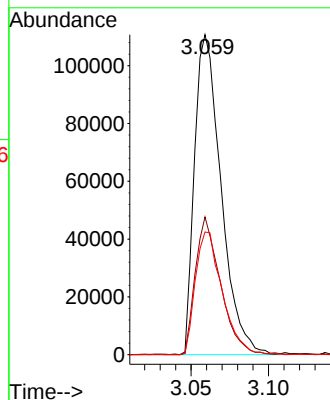
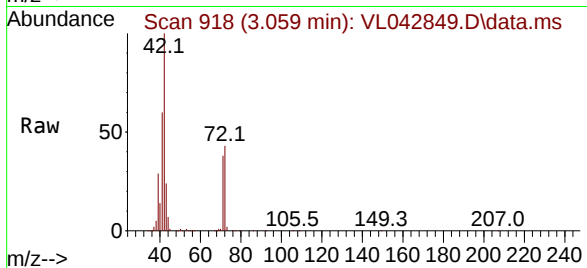




#41
Tetrahydrofuran
Concen: 9.372 ppbv
RT: 3.059 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

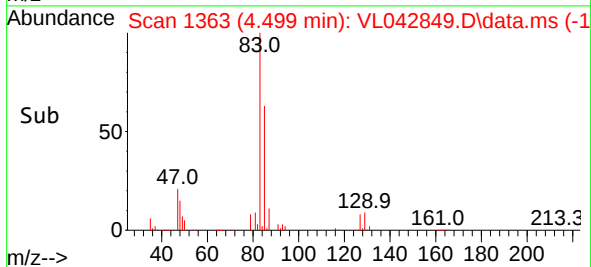
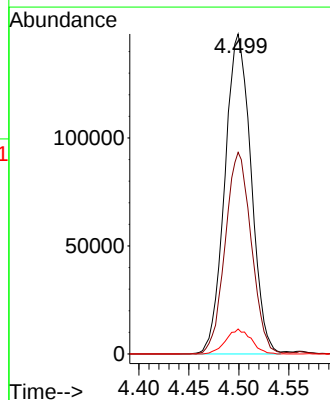
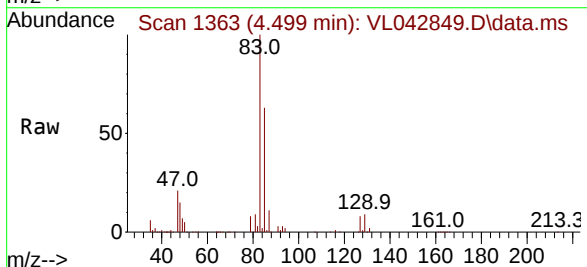
Instrument :
MSVOA_L
ClientSampleId :

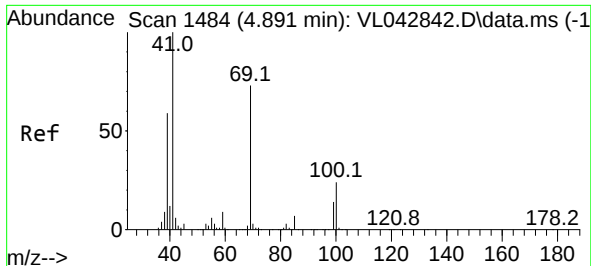
Tgt Ion: 42 Resp: 132108
Ion Ratio Lower Upper
42 100
72 40.8 32.6 48.8
71 39.0 30.0 45.0



#42
Bromodichloromethane
Concen: 9.678 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 83 Resp: 270154
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.8
127 7.8 5.8 8.6

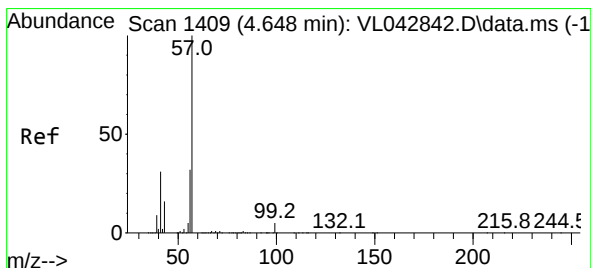
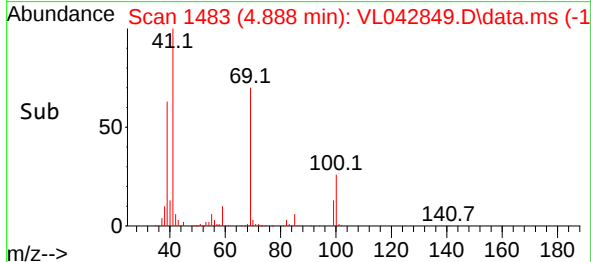
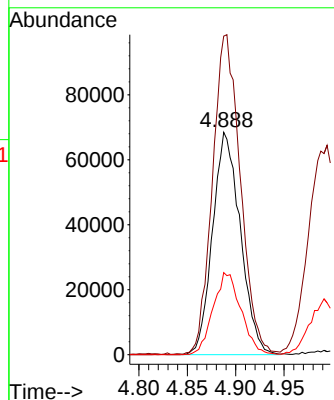
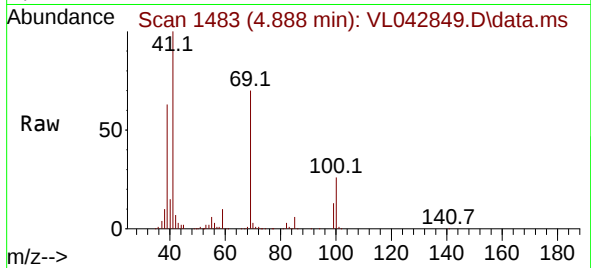




#43
Methyl Methacrylate
Concen: 9.229 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. -0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

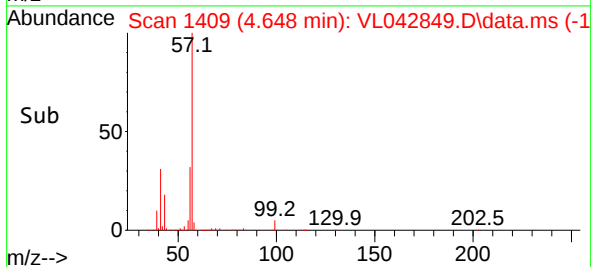
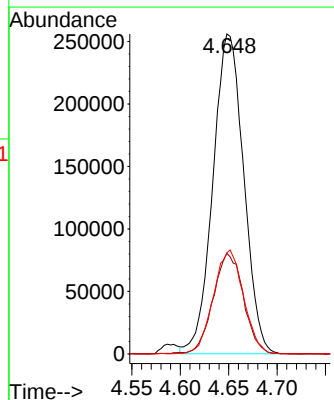
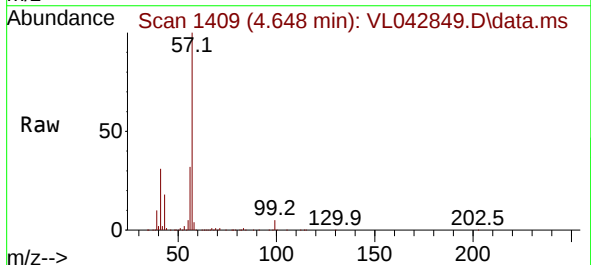
Instrument :
MSVOA_L
ClientSampleId :

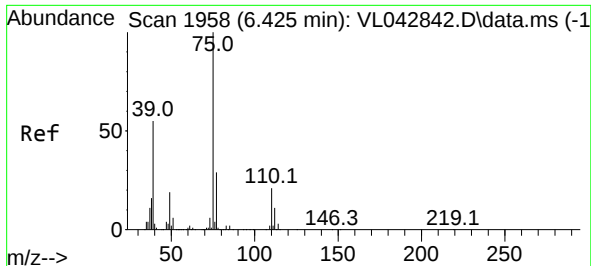
Tgt Ion: 69 Resp: 136329
Ion Ratio Lower Upper
69 100
41 144.9 114.6 172.0
100 37.0 30.2 45.4



#44
2,2,4-Trimethylpentane
Concen: 9.290 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 57 Resp: 565415
Ion Ratio Lower Upper
57 100
41 31.3 24.8 37.2
56 31.9 25.5 38.3

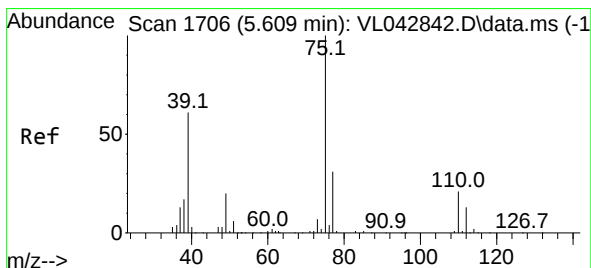
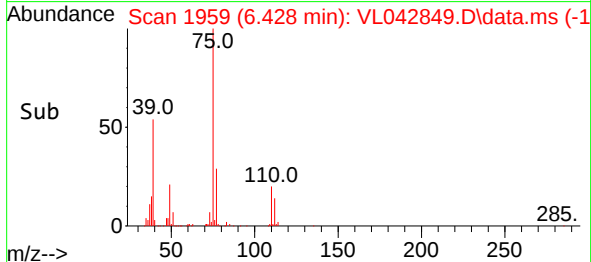
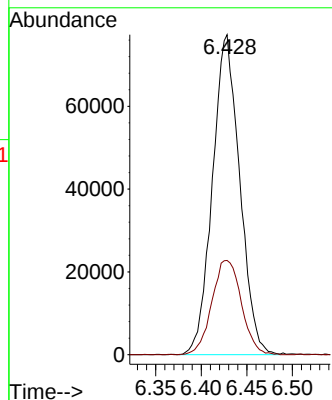
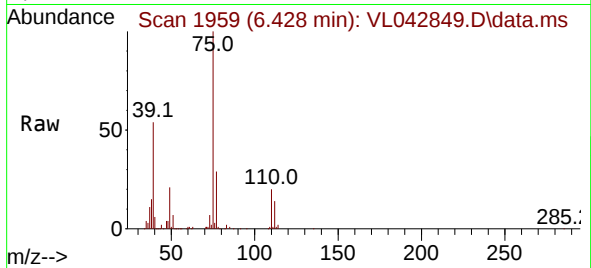




#45
 t-1,3-Dichloropropene
 Concen: 9.645 ppbv
 RT: 6.428 min Scan# 1958
 Delta R.T. 0.003 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

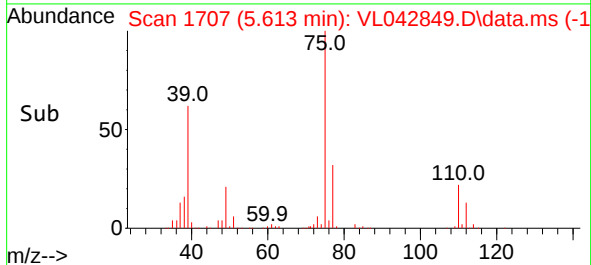
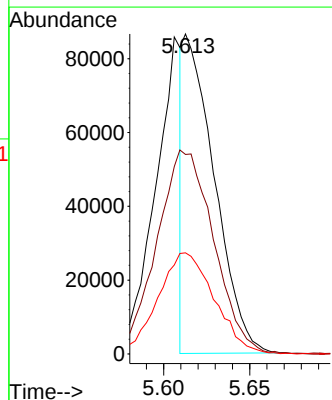
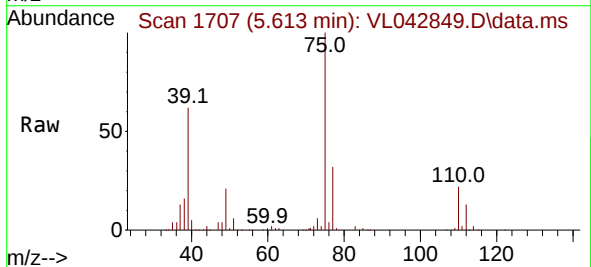
Instrument :
 MSVOA_L
 ClientSampleId :

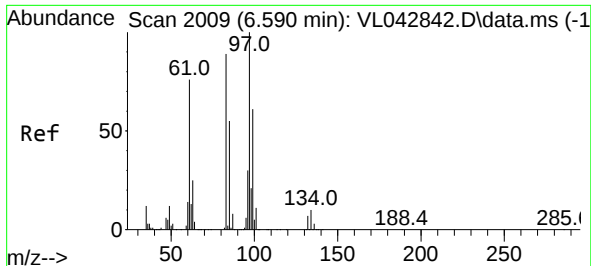
Tgt Ion: 75 Resp: 160784
 Ion Ratio Lower Upper
 75 100
 77 29.5 23.8 35.6



#46
 cis-1,3-Dichloropropene
 Concen: 5.200 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.003 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 75 Resp: 108009
 Ion Ratio Lower Upper
 75 100
 39 62.2 48.9 73.3
 77 31.6 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.553 ppbv

RT: 6.597 min Scan# 2009

Delta R.T. 0.007 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 132548

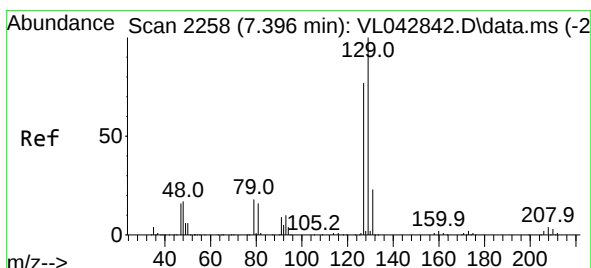
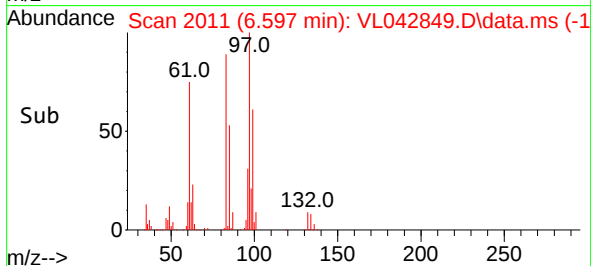
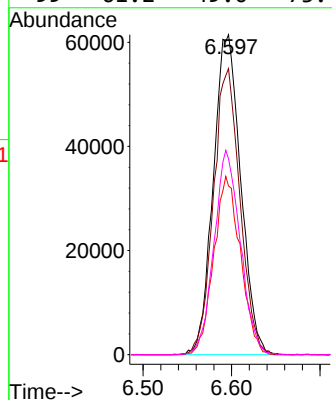
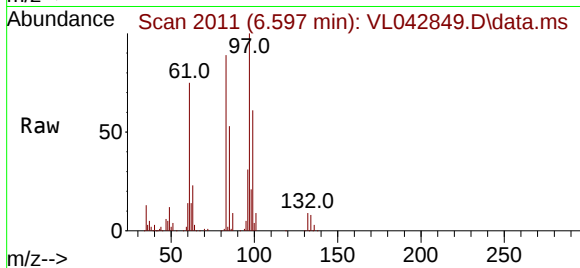
Ion Ratio Lower Upper

97 100

83 89.3 71.0 106.4

85 52.6 43.6 65.4

99 61.2 49.0 73.4



#48

Dibromochloromethane

Concen: 9.708 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VL042849.D

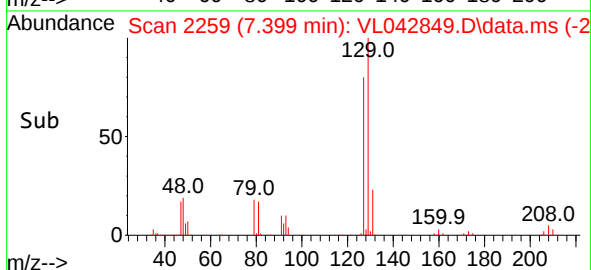
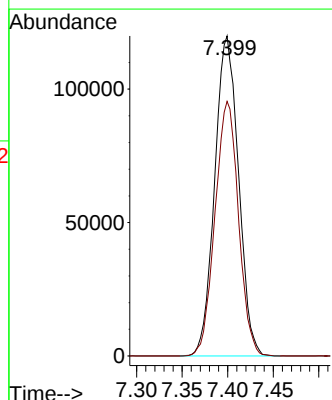
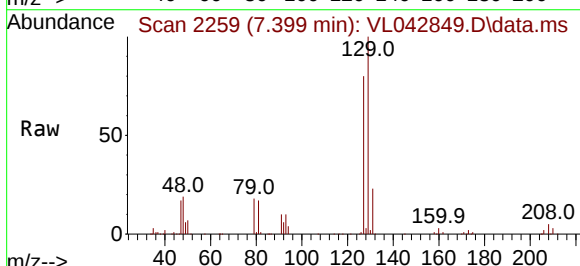
Acq: 13 Aug 2025 12:56

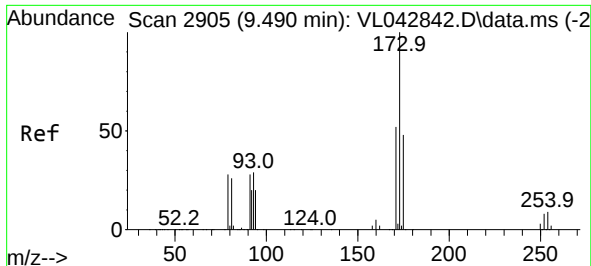
Tgt Ion: 129 Resp: 217970

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.2





#49

Bromoform

Concen: 9.446 ppbv

RT: 9.493 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VL042849.D

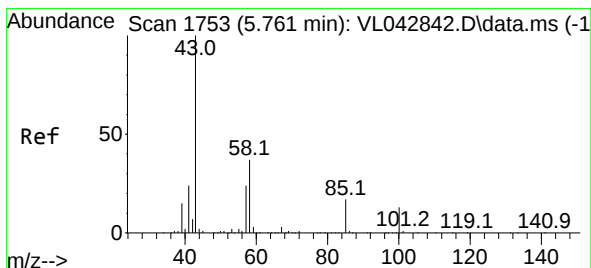
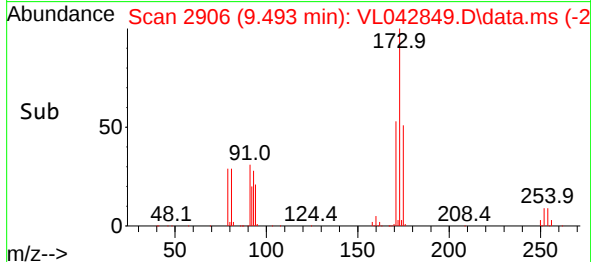
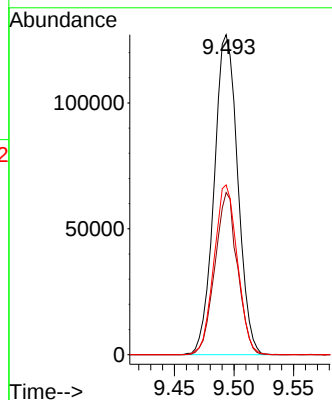
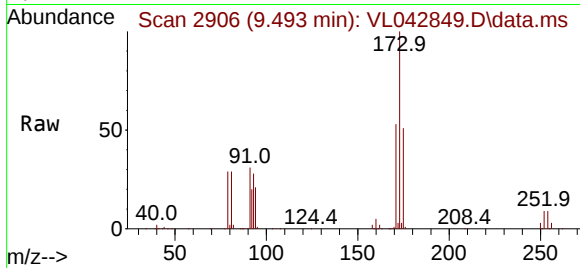
Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	174914
Ion	Ratio	Lower Upper
173	100	
175	48.4	39.2 58.8
171	52.6	41.3 61.9



#50

4-Methyl-2-Pentanone

Concen: 9.430 ppbv

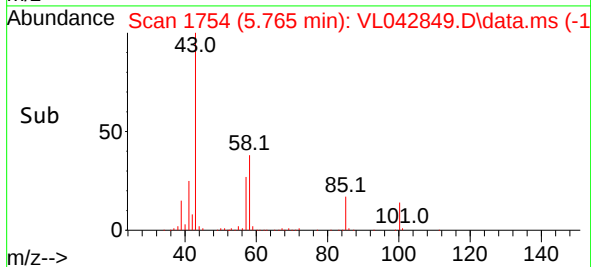
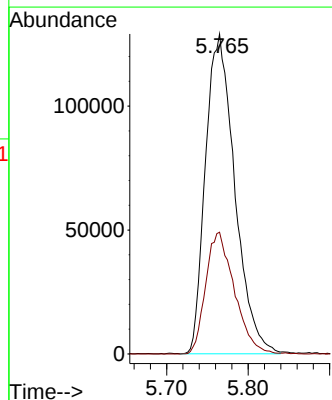
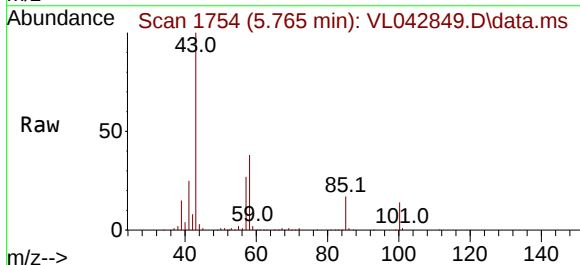
RT: 5.765 min Scan# 1754

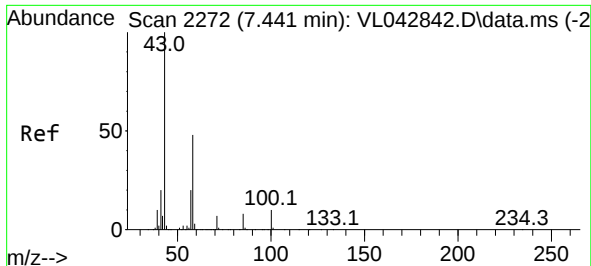
Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion: 43	Resp:	322264
Ion	Ratio	Lower Upper
43	100	
58	37.3	29.8 44.8

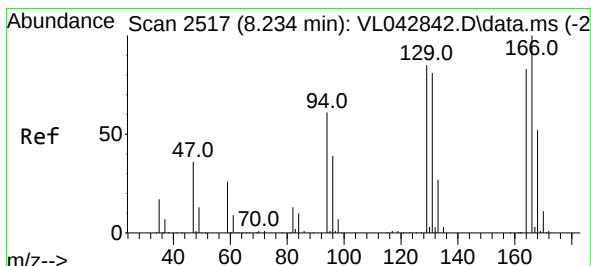
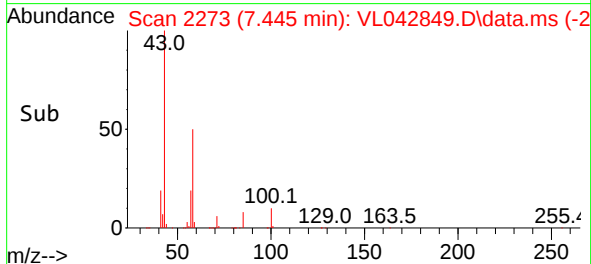
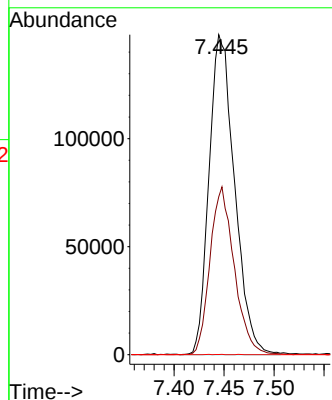
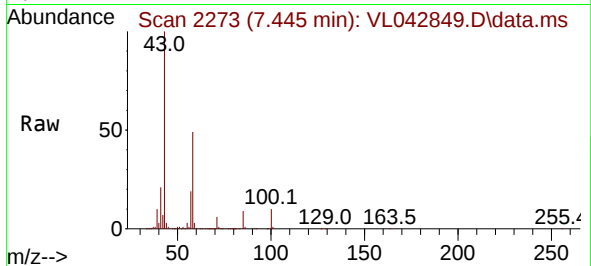




#51
2-Hexanone
Concen: 9.791 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

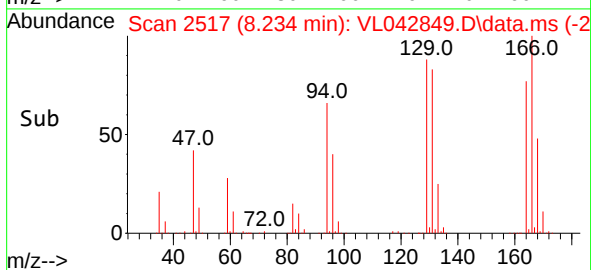
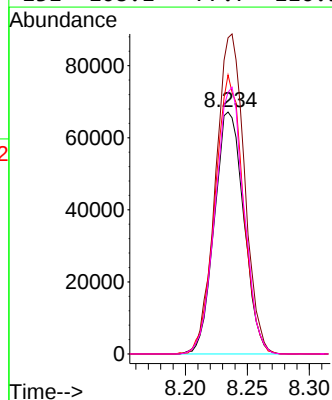
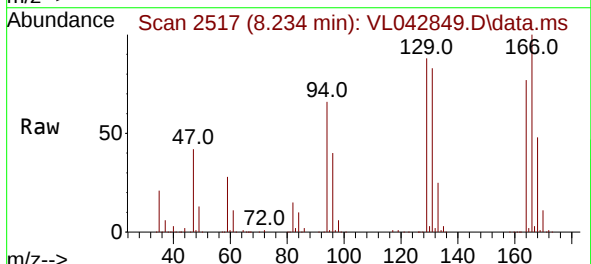
Instrument :
MSVOA_L
ClientSampleId :

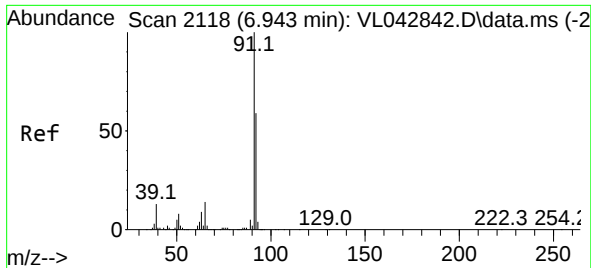
Tgt Ion: 43 Resp: 263321
Ion Ratio Lower Upper
43 100
58 49.9 41.0 61.6
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.544 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 164 Resp: 110828
Ion Ratio Lower Upper
164 100
166 130.6 96.5 144.7
129 115.3 81.8 122.6
131 108.1 77.7 116.5

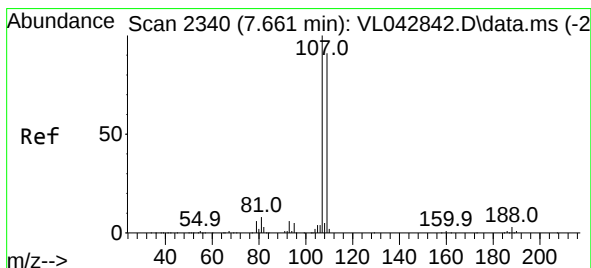
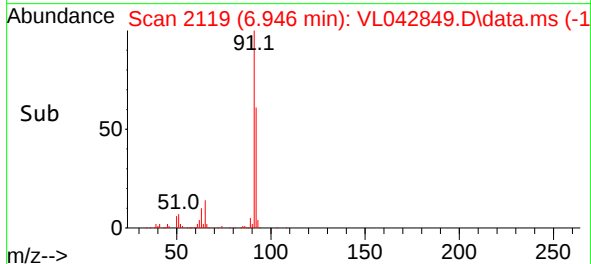
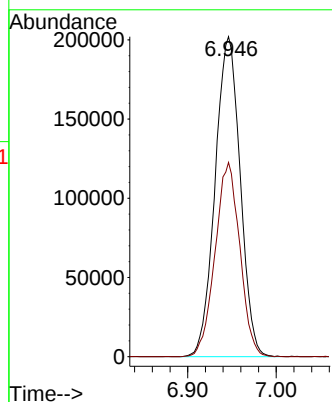
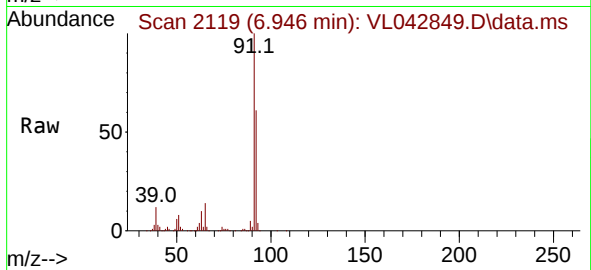




#53
Toluene
Concen: 9.340 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

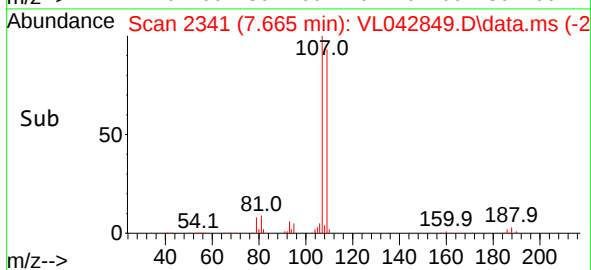
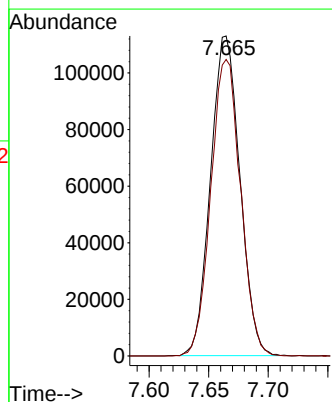
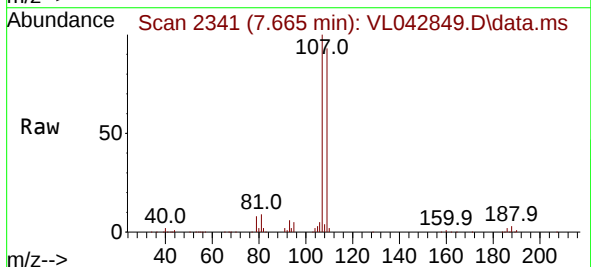
Instrument :
MSVOA_L
ClientSampleId :

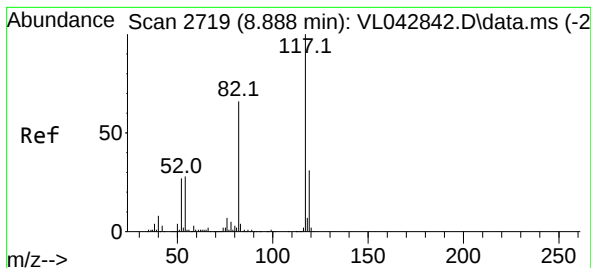
Tgt Ion: 91 Resp: 398138
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6



#54
1,2-Dibromoethane
Concen: 9.535 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 107 Resp: 193340
Ion Ratio Lower Upper
107 100
109 92.7 72.5 108.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2719

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_1

ClientSampleId :

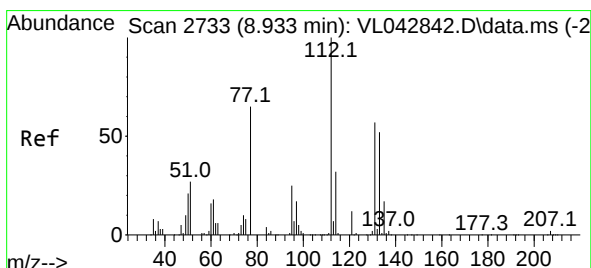
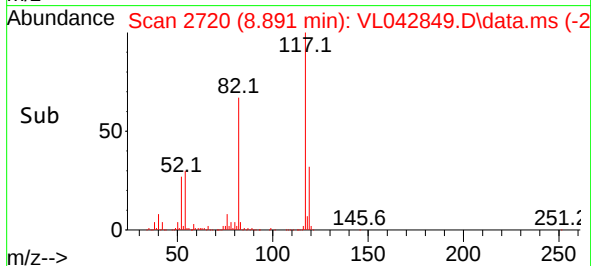
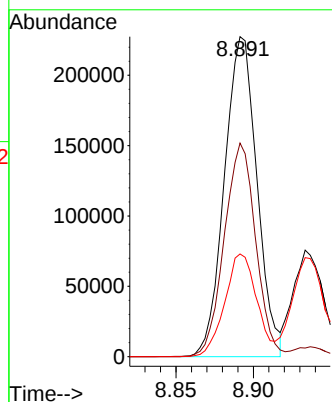
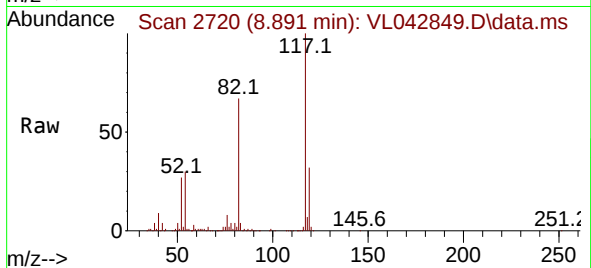
Tgt Ion:117 Resp: 333493

Ion Ratio Lower Upper

117 100

82 67.3 54.6 81.8

119 31.8 25.9 38.9



#56

1,1,1,2-Tetrachloroethane

Concen: 9.291 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

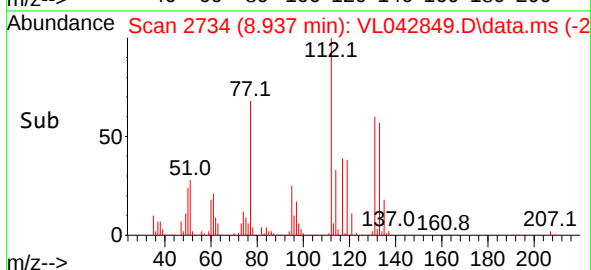
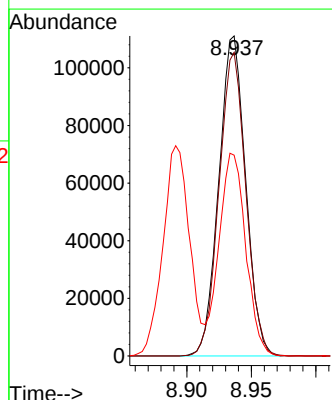
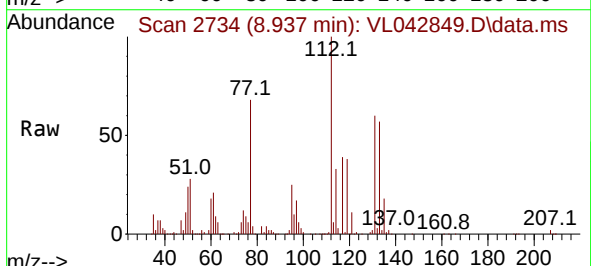
Tgt Ion:131 Resp: 160225

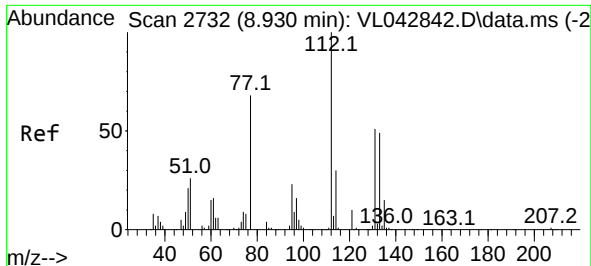
Ion Ratio Lower Upper

131 100

133 94.8 77.4 116.0

119 64.3 51.2 76.8

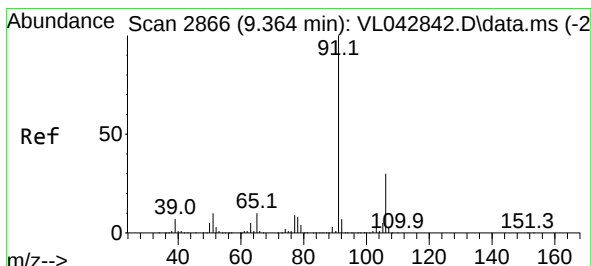
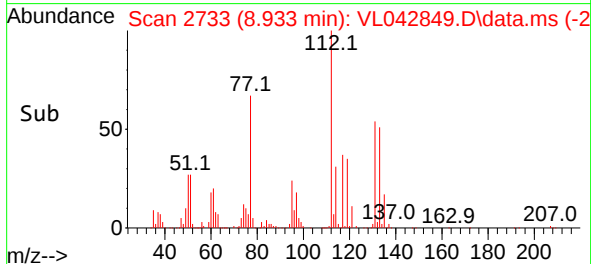
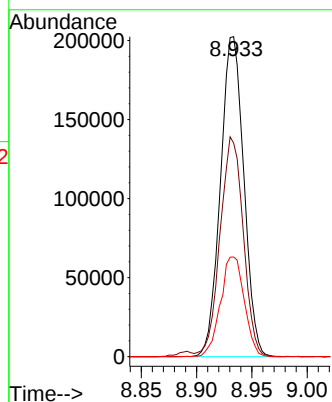
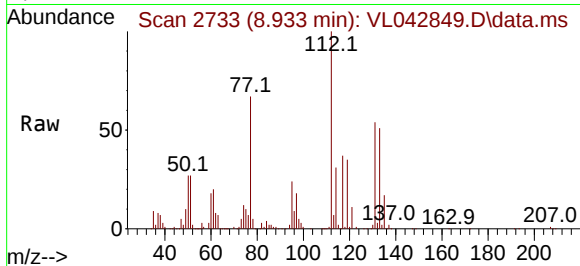




#57
Chlorobenzene
Concen: 9.378 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

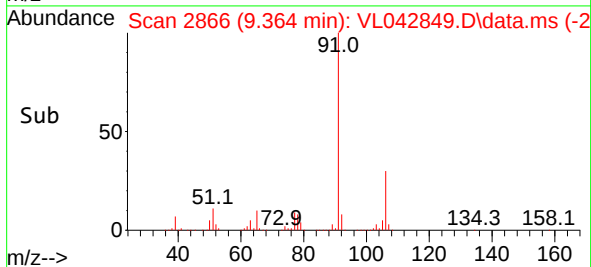
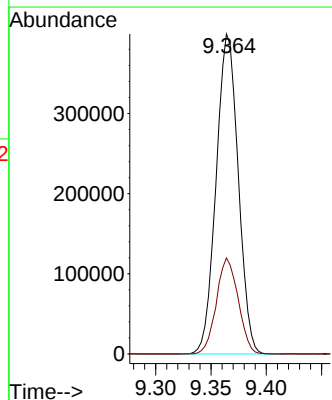
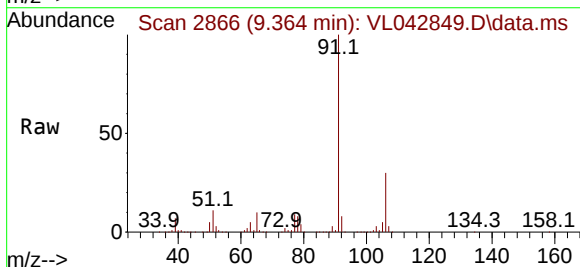
Instrument :
MSVOA_L
ClientSampleId :

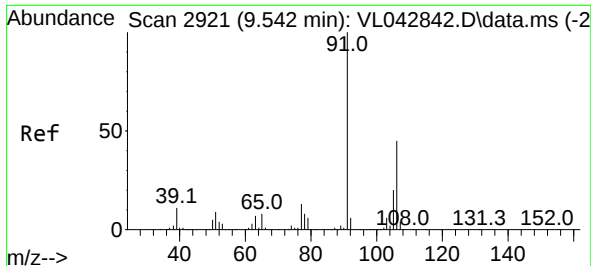
Tgt Ion:112 Resp: 297375
Ion Ratio Lower Upper
112 100
77 66.6 55.5 83.3
114 31.2 27.2 33.2



#58
Ethyl Benzene
Concen: 9.414 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 91 Resp: 554015
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9





#59

m/p-Xylene

Concen: 10.029 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

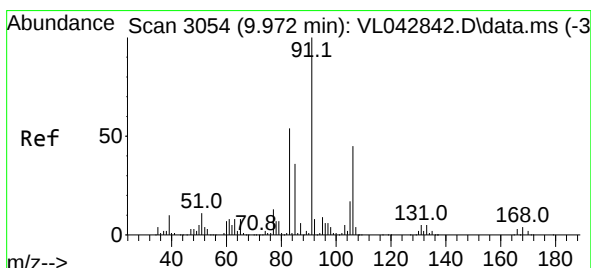
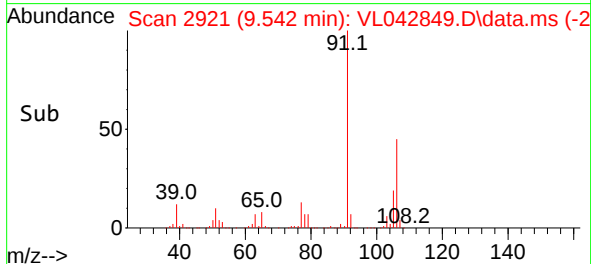
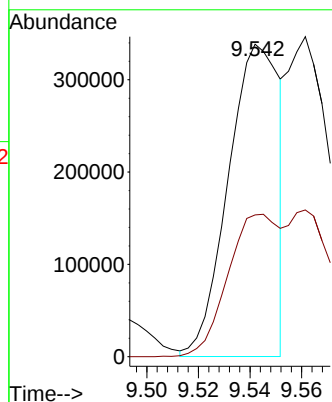
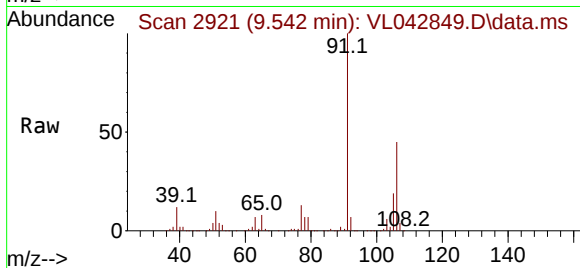
ClientSampleId :

Tgt Ion: 91 Resp: 462620

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 9.239 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VL042849.D

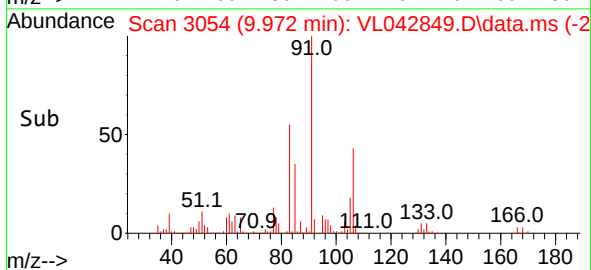
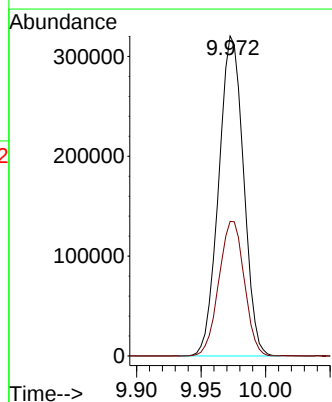
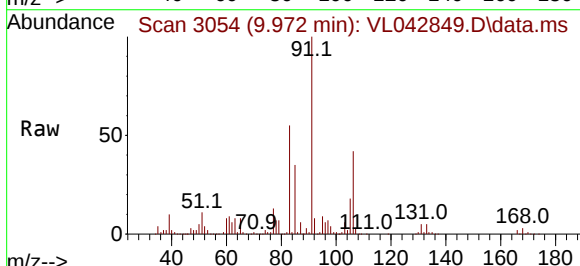
Acq: 13 Aug 2025 12:56

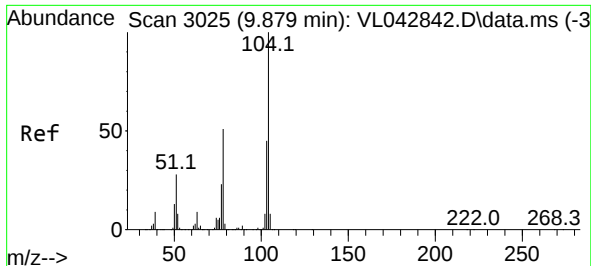
Tgt Ion: 91 Resp: 428721

Ion Ratio Lower Upper

91 100

106 43.0 21.8 65.4

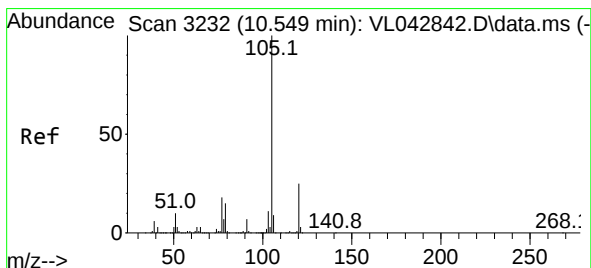
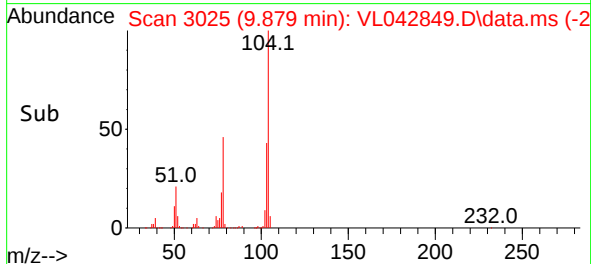
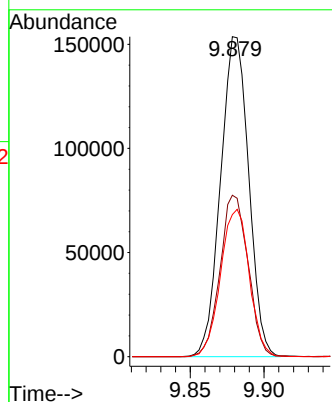
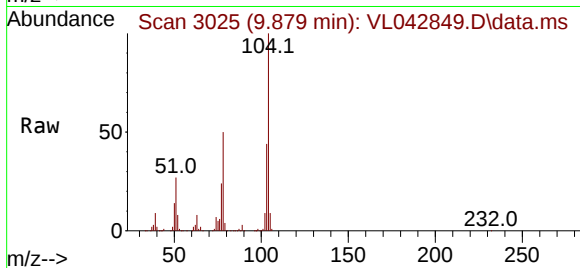




#61
Styrene
Concen: 9.377 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

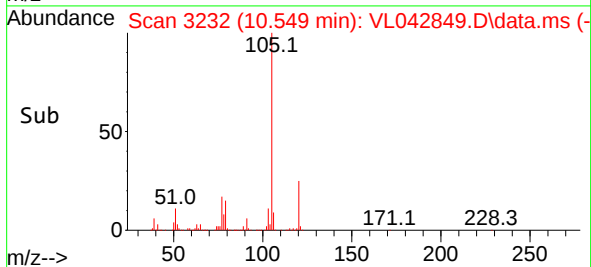
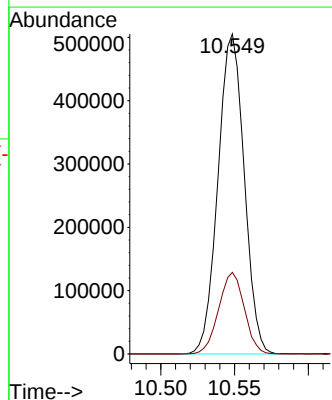
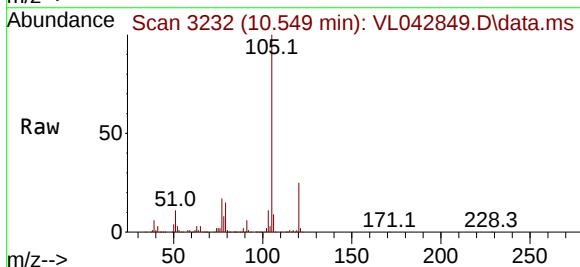
Instrument :
MSVOA_L
ClientSampleId :

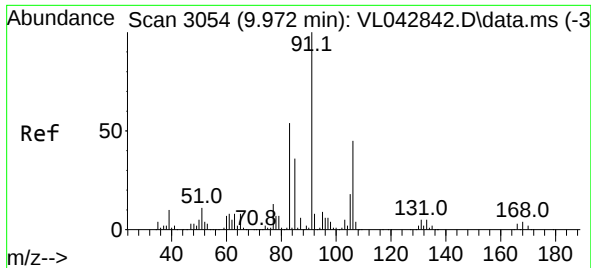
Tgt Ion:104 Resp: 203858
Ion Ratio Lower Upper
104 100
78 50.3 40.6 61.0
103 47.1 37.7 56.5



#62
Isopropylbenzene
Concen: 9.206 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:105 Resp: 624287
Ion Ratio Lower Upper
105 100
120 24.9 20.6 30.8

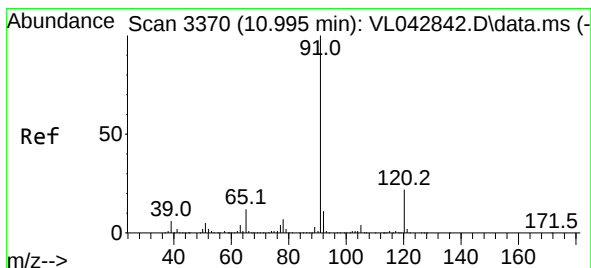
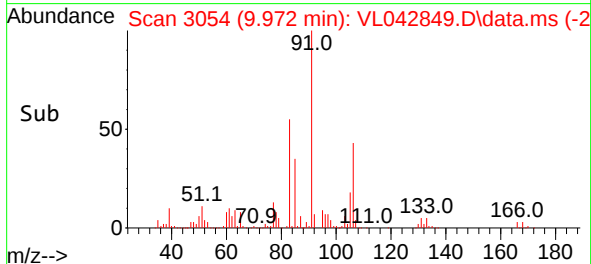
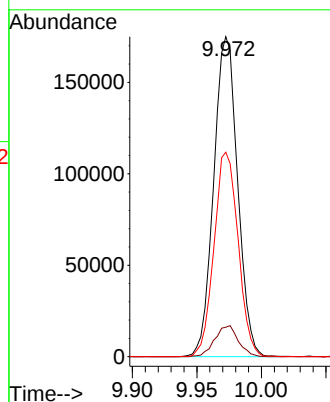
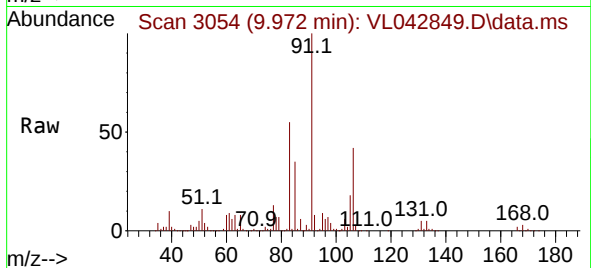




#63
1,1,2,2-Tetrachloroethane
Concen: 8.826 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

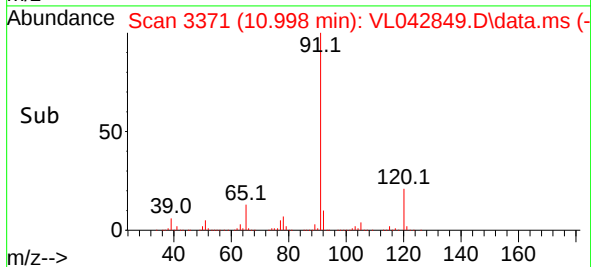
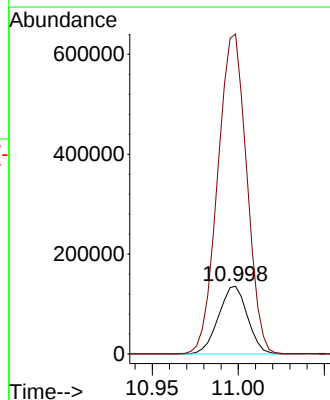
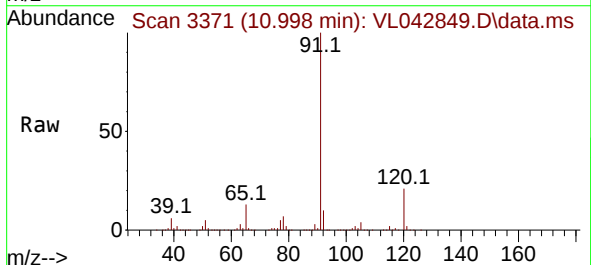
Instrument :
MSVOA_L
ClientSampleId :

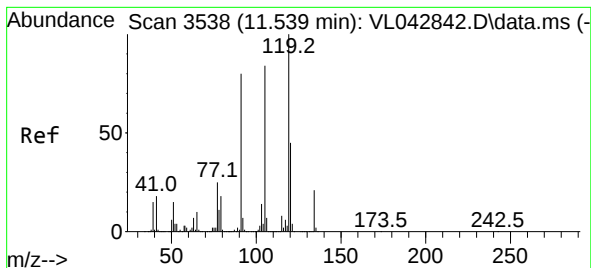
Tgt Ion: 83 Resp: 225237
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.4 32.3 96.8



#64
n-propylbenzene
Concen: 9.145 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:120 Resp: 158234
Ion Ratio Lower Upper
120 100
91 476.9 375.8 563.6





#65

tert-Butylbenzene

Concen: 8.946 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

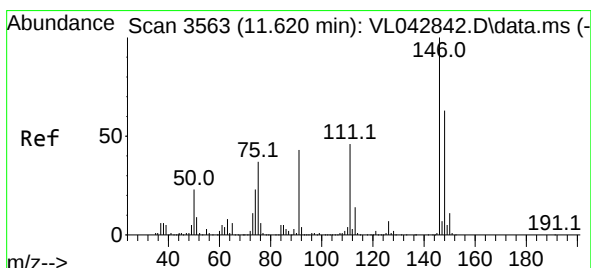
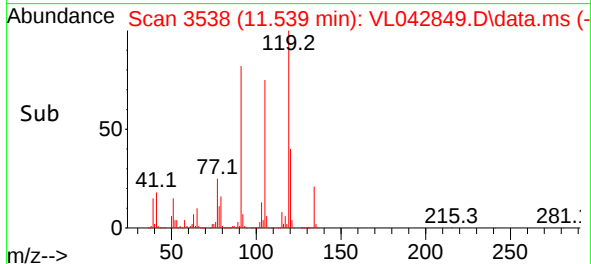
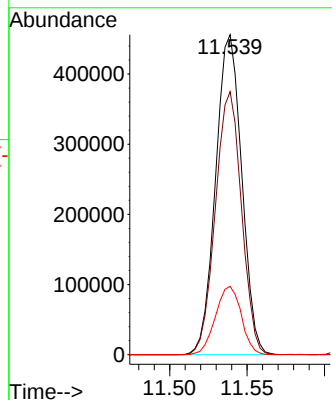
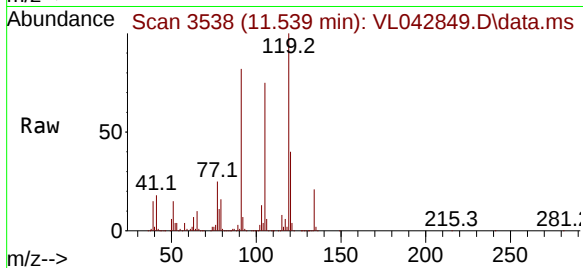
Tgt Ion:119 Resp: 534795

Ion Ratio Lower Upper

119 100

91 82.2 63.9 95.9

134 21.1 17.0 25.4



#66

Benzyl Chloride

Concen: 9.031 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

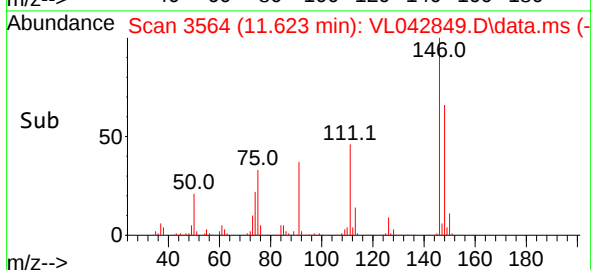
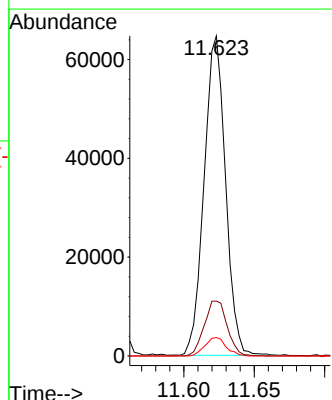
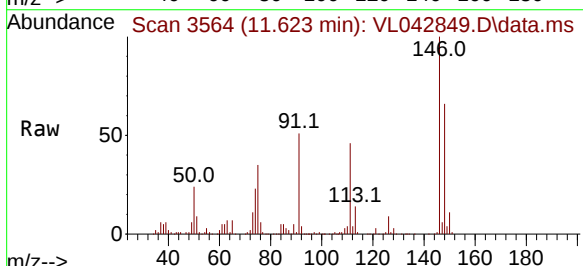
Tgt Ion: 91 Resp: 68533

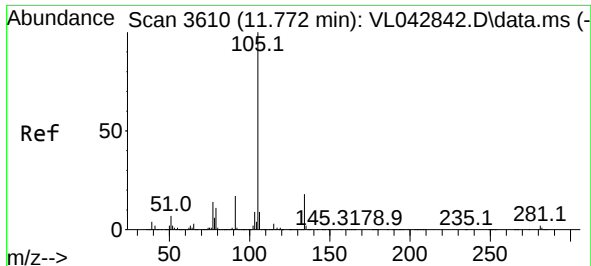
Ion Ratio Lower Upper

91 100

126 18.4 14.2 21.4

128 5.7 5.0 7.6

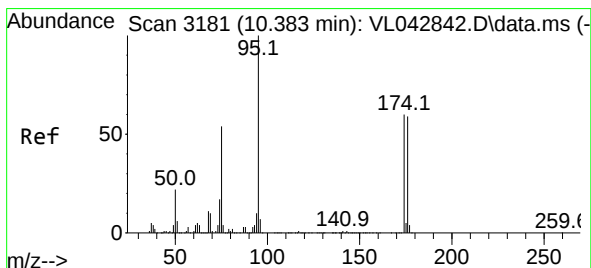
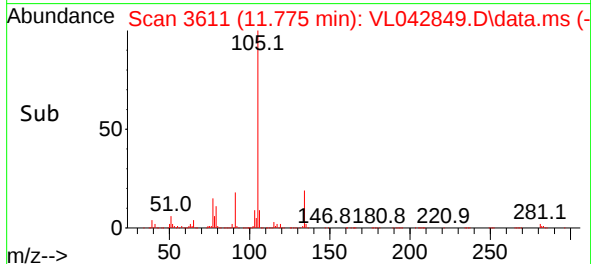
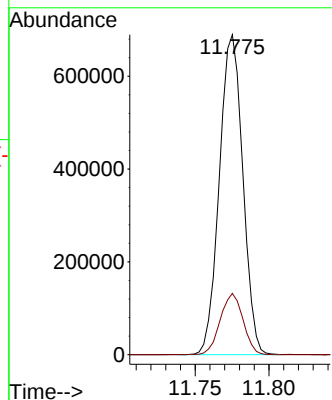
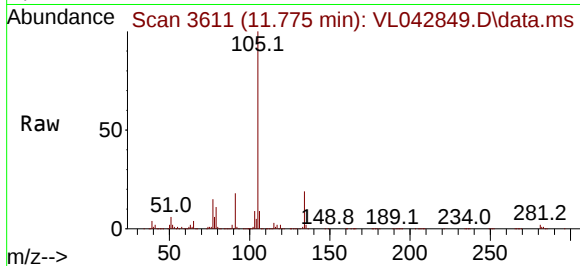




#67
 sec-Butylbenzene
 Concen: 9.088 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

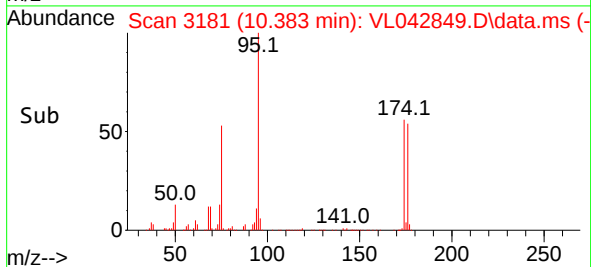
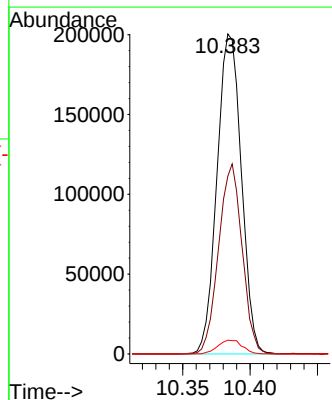
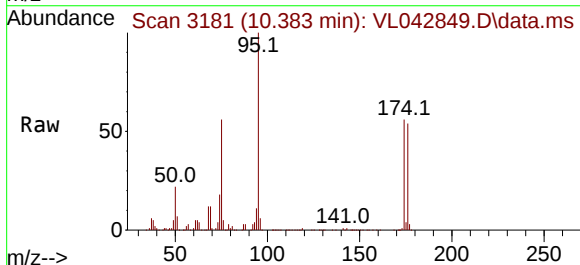
Instrument :
 MSVOA_L
 ClientSampleId :

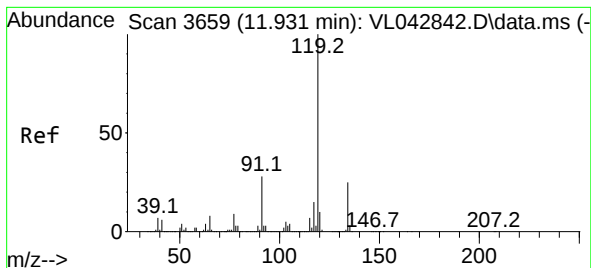
Tgt Ion:105 Resp: 762602
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.086 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Tgt Ion: 95 Resp: 252268
 Ion Ratio Lower Upper
 95 100
 174 57.2 48.4 72.6
 175 4.4 3.8 5.8





#69

p-Isopropyltoluene

Concen: 8.810 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

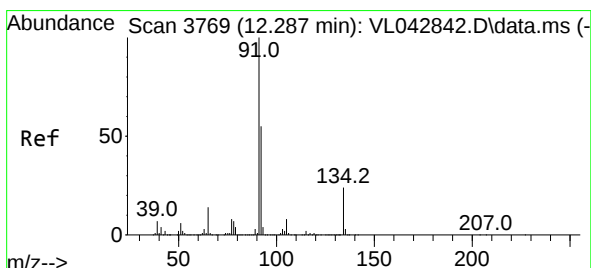
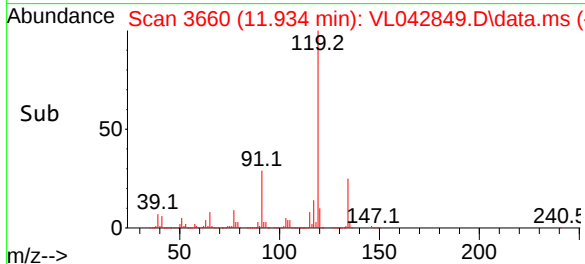
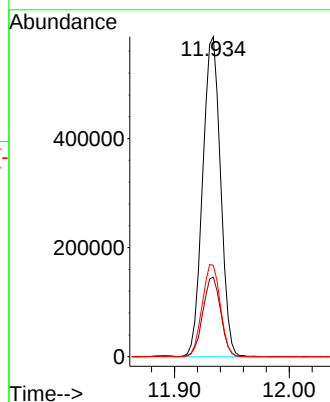
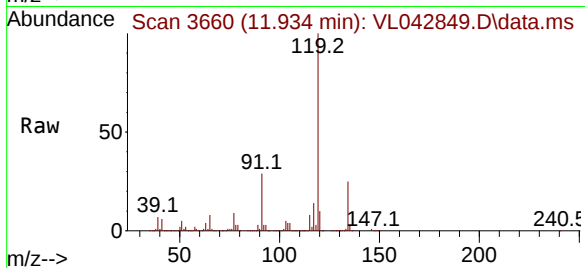
Tgt Ion:119 Resp: 634670

Ion Ratio Lower Upper

119 100

134 24.9 20.6 30.8

91 29.4 22.6 34.0



#70

n-Butylbenzene

Concen: 9.062 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

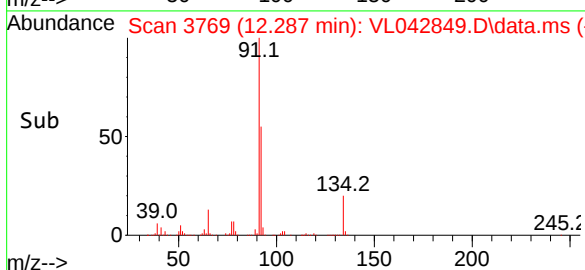
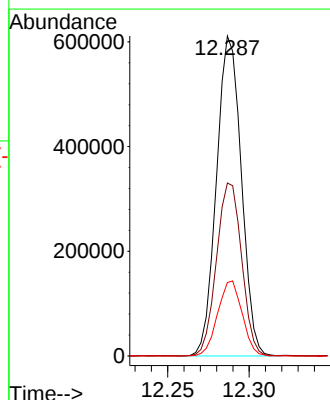
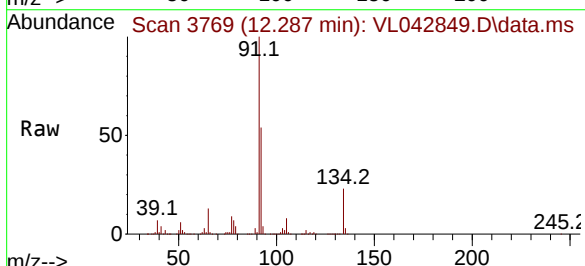
Tgt Ion: 91 Resp: 647453

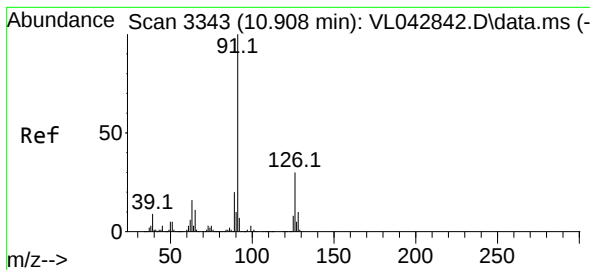
Ion Ratio Lower Upper

91 100

92 54.8 44.6 66.8

134 23.1 19.0 28.4

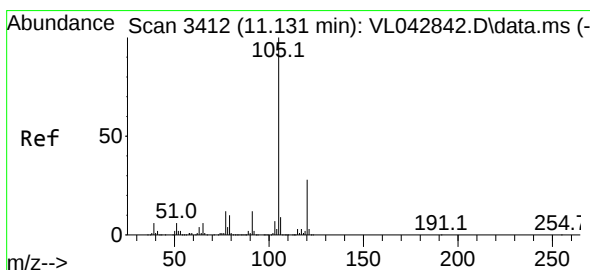
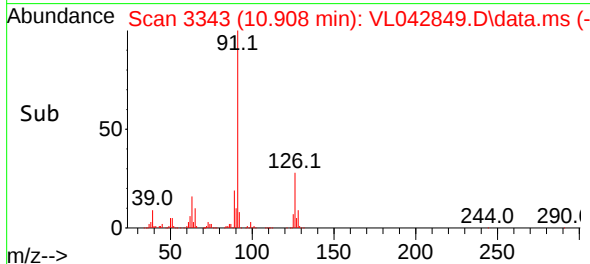
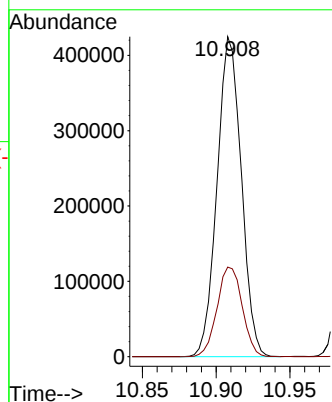
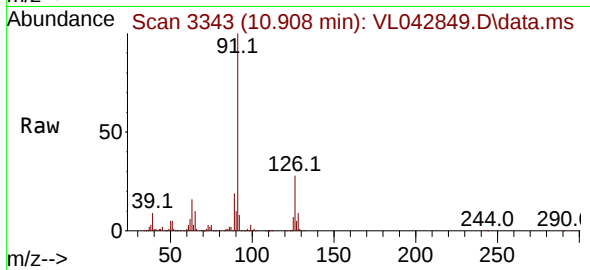




#71
2-Chlorotoluene
Concen: 9.214 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

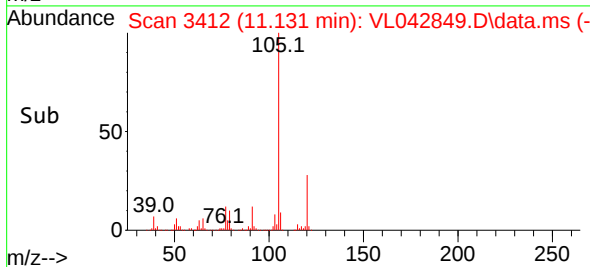
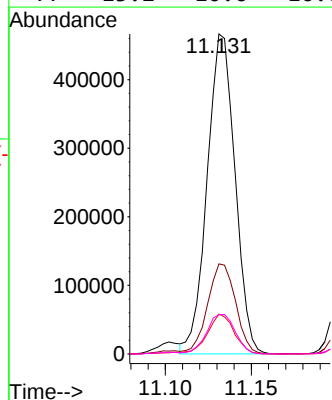
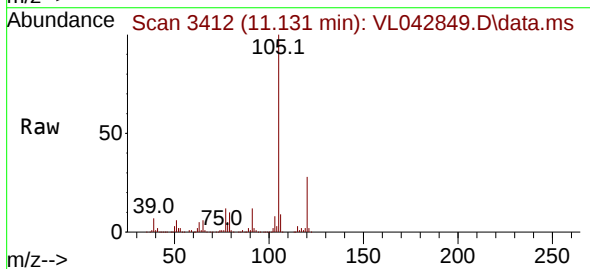
Instrument :
MSVOA_L
ClientSampleId :

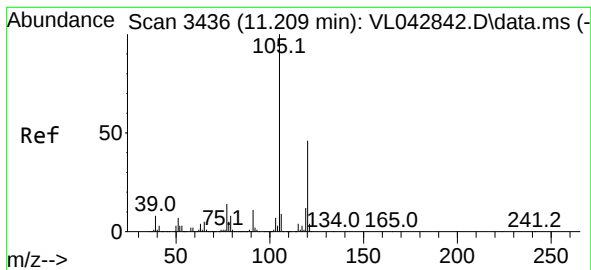
Tgt Ion: 91 Resp: 485171
Ion Ratio Lower Upper
91 100
126 29.1 12.0 47.8



#72
4-Ethyltoluene
Concen: 9.338 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 105 Resp: 525262
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.2
91 12.5 9.8 14.6
77 13.2 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 9.108 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

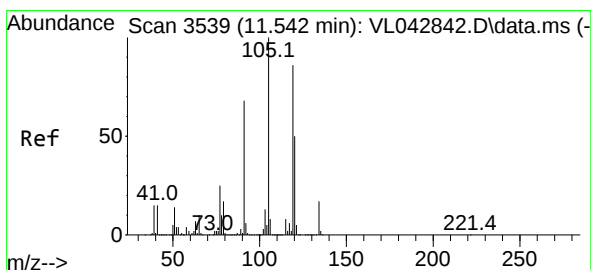
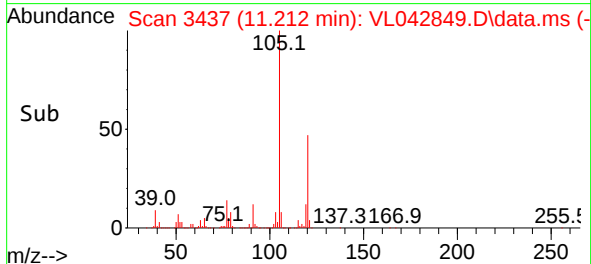
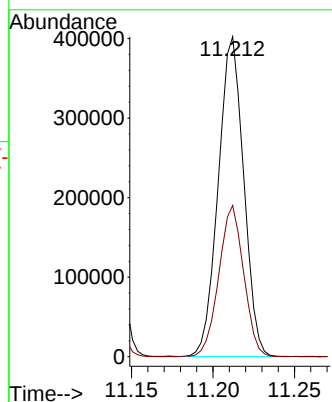
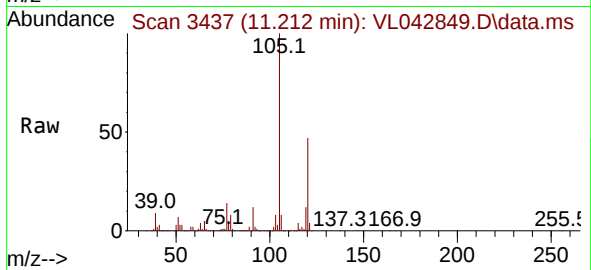
ClientSampleId :

Tgt Ion:105 Resp: 435705

Ion Ratio Lower Upper

105 100

120 47.2 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 8.943 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion:105 Resp: 469573

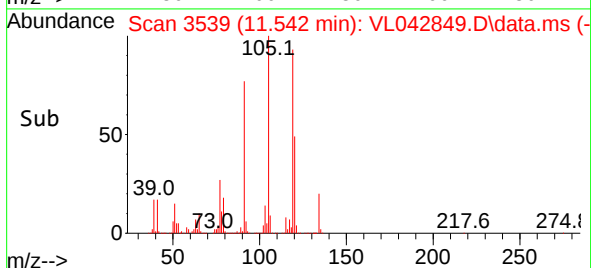
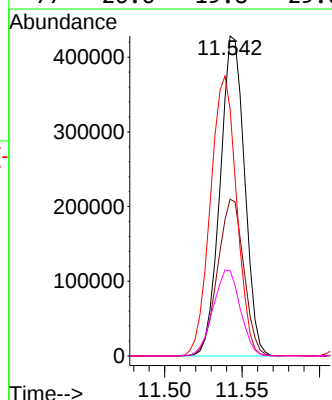
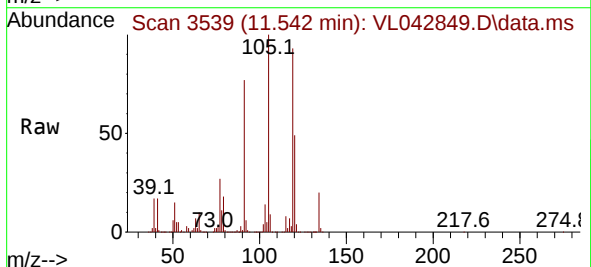
Ion Ratio Lower Upper

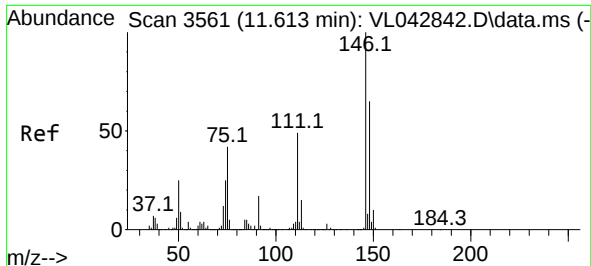
105 100

120 49.0 39.8 59.6

91 77.0 54.2 81.4

77 26.6 19.8 29.6

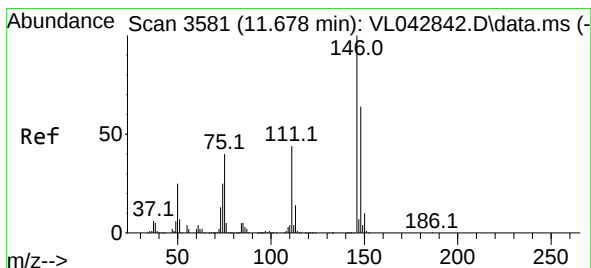
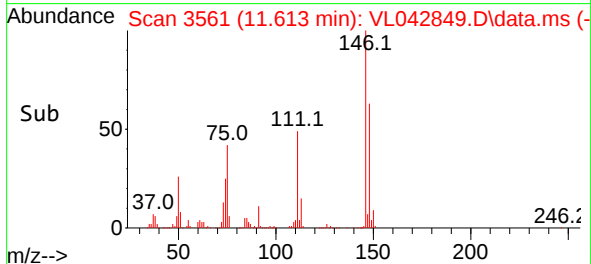
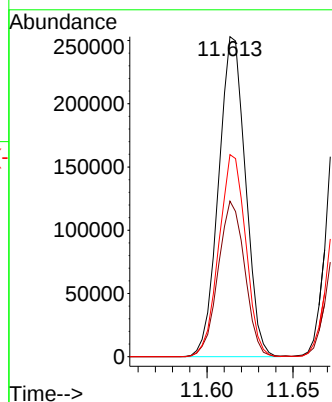
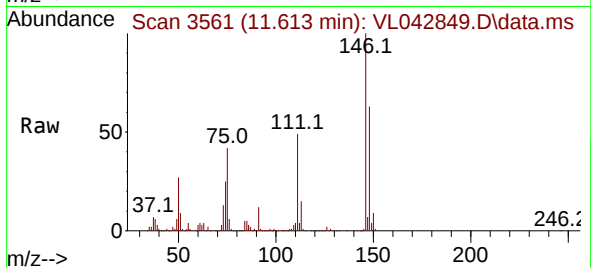




#75
1,3-Dichlorobenzene
Concen: 9.209 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

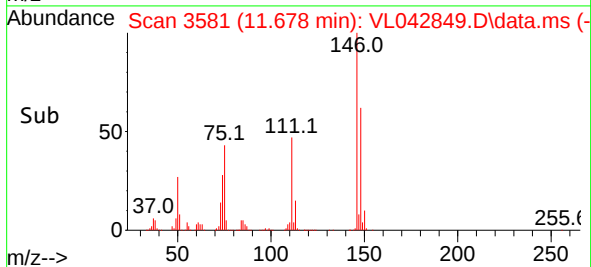
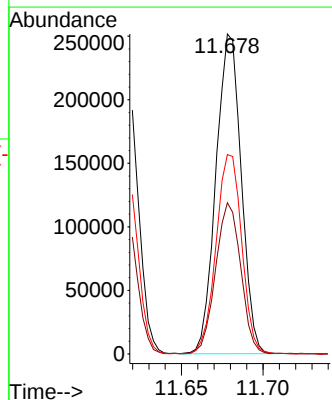
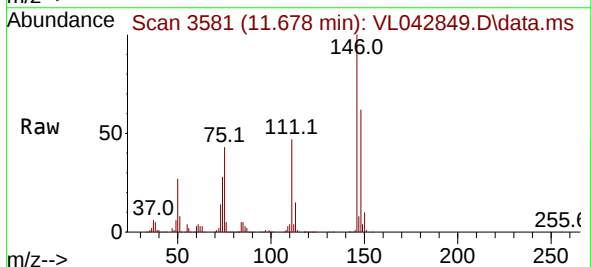
Instrument :
MSVOA_L
ClientSampleId :

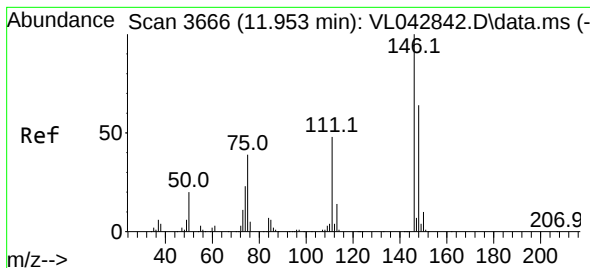
Tgt Ion:146 Resp: 274876
Ion Ratio Lower Upper
146 100
111 48.2 23.9 71.7
148 63.0 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 8.976 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:146 Resp: 270976
Ion Ratio Lower Upper
146 100
111 47.2 22.7 68.1
148 63.6 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 8.736 ppbv

RT: 11.953 min Scan# 3

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

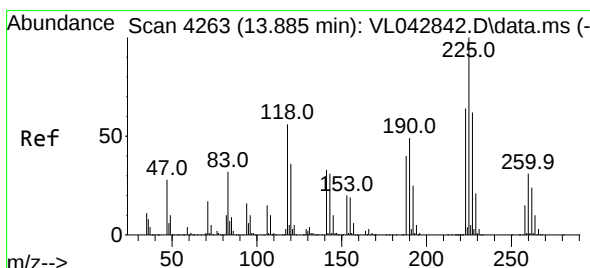
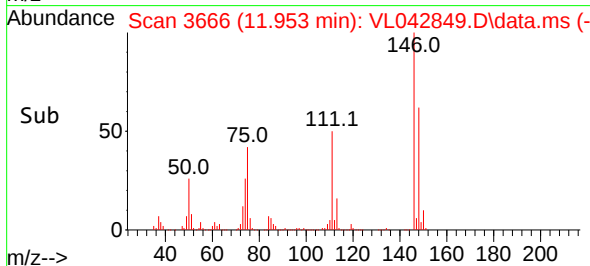
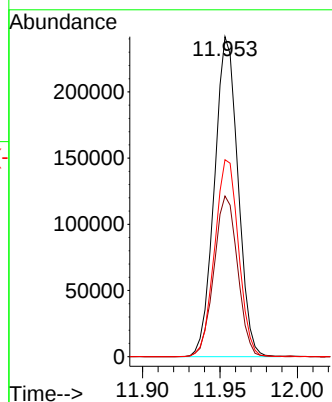
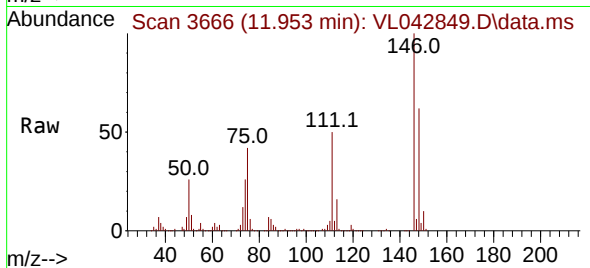
Tgt Ion:146 Resp: 255347

Ion Ratio Lower Upper

146 100

111 50.5 24.6 74.0

148 62.7 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 7.778 ppbv

RT: 13.886 min Scan# 4263

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

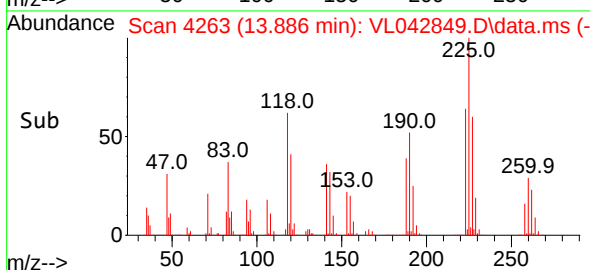
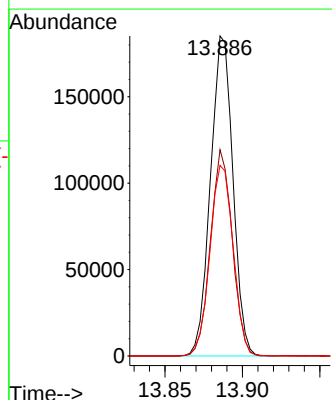
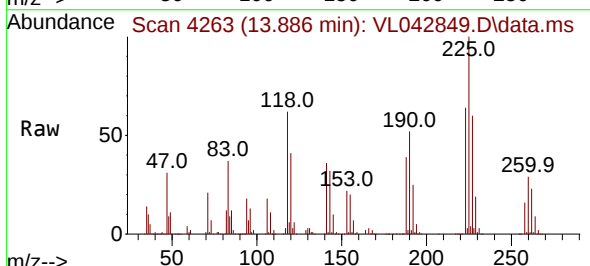
Tgt Ion:225 Resp: 186318

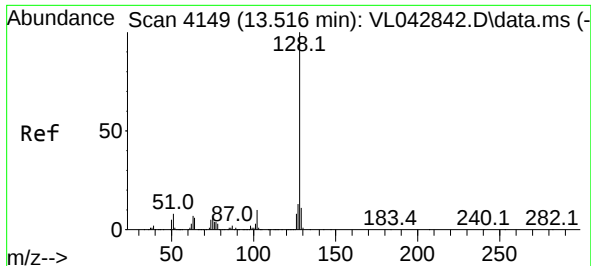
Ion Ratio Lower Upper

225 100

223 62.9 51.4 77.2

227 61.6 51.9 77.9

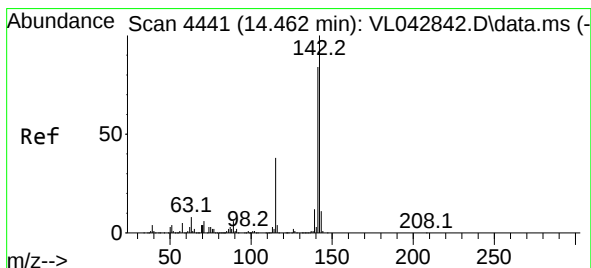
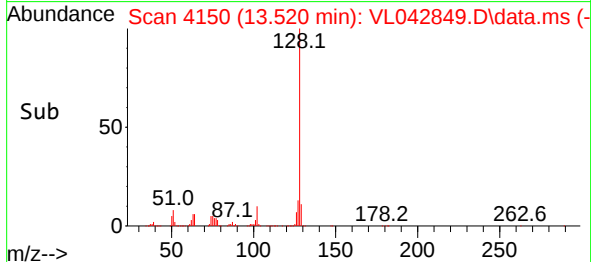
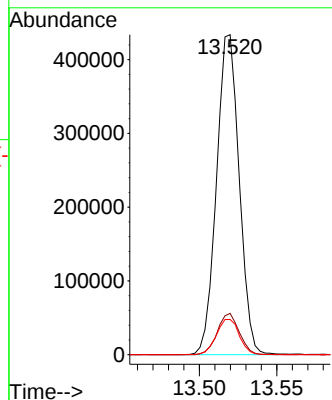
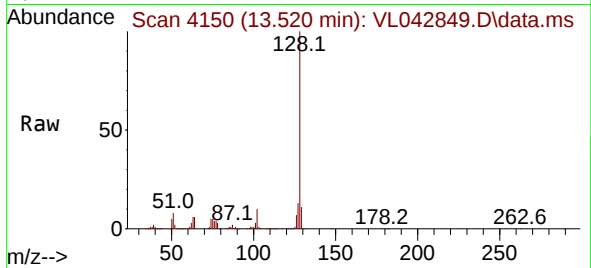




#79
Naphthalene
Concen: 9.284 ppbv
RT: 13.520 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

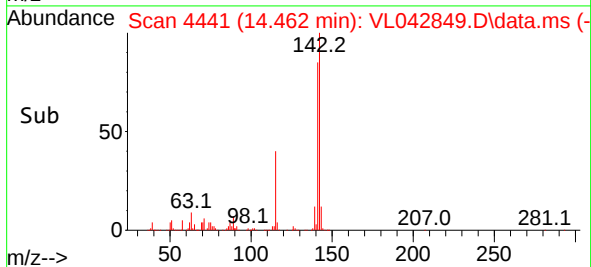
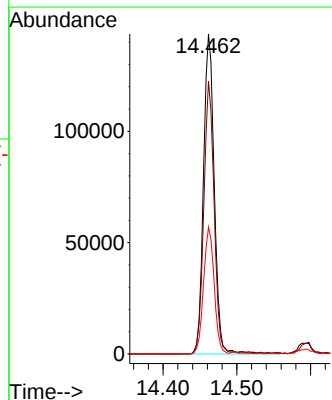
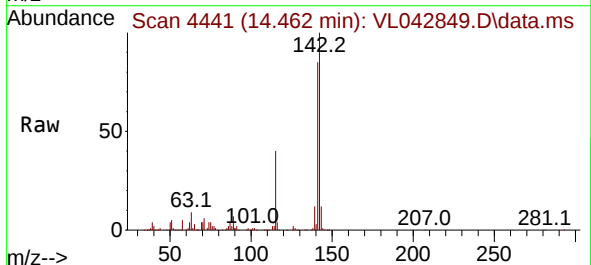
Instrument :
MSVOA_L
ClientSampleId :

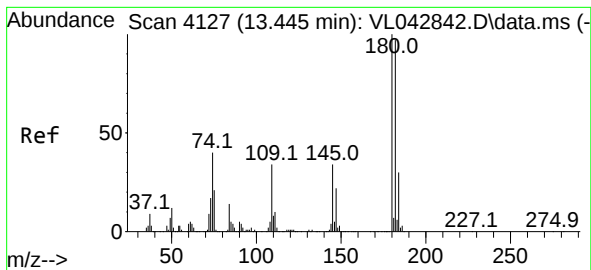
Tgt Ion:128 Resp: 441940
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 8.188 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:142 Resp: 145644
Ion Ratio Lower Upper
142 100
141 81.9 67.0 100.6
115 40.2 30.9 46.3





#81

1,2,4-Trichlorobenzene

Concen: 9.016 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.000 min

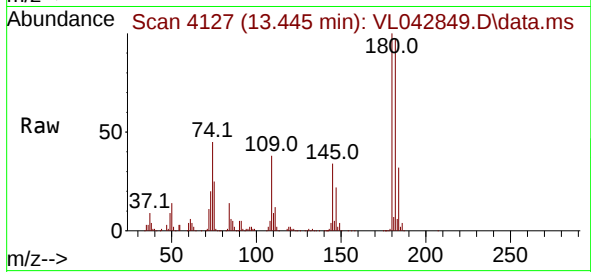
Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 215715

Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

184 30.1 24.5 36.7

