

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081125\
 Data File : VL042835.D
 Acq On : 11 Aug 2025 10:23
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 12 02:11:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 12 01:58:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	125661	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	345725	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	290659	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	231392	9.878	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.496	85	9324	0.530	ppbv	96
3) Chlorodifluoromethane	1.473	51	13143	0.559	ppbv	98
4) Chloromethane	1.528	50	4286	0.582	ppbv #	86
5) Vinyl Chloride	1.577	62	3192	0.454	ppbv	96
6) Bromomethane	1.664	94	1420	0.536	ppbv	89
7) Chloroethane	1.703	64	1550	0.583	ppbv	90
8) Dichlorotetrafluoroethane	1.551	85	7958	0.544	ppbv	92
9) Propene	1.479	41	4465	0.551	ppbv	93
10) Heptane	4.962	43	3792	0.194	ppbv #	29
11) Trichlorofluoromethane	1.874	101	8500	0.483	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.133	101	7306	0.525	ppbv	97
13) Ethanol	1.722	45	893	0.805	ppbv #	31
14) Bromoethene	1.777	108	2709	0.533	ppbv #	94
15) Acetone	1.832	43	10954	0.619	ppbv	100
16) 1,3-Butadiene	1.606	39	4299	0.555	ppbv	96
17) tert-Butyl alcohol	2.039	59	8426	0.551	ppbv #	89
18) 1,1-Dichloroethene	2.030	96	3042	0.512	ppbv	85
19) Isopropyl Alcohol	1.884	45	5621	0.587	ppbv #	1
20) Methylene Chloride	2.056	84	5433	0.763	ppbv #	78
21) Allyl Chloride	2.091	41	5969	0.533	ppbv	95
22) trans-1,2-Dichloroethene	2.337	96	3441	0.513	ppbv	100
23) Vinyl Acetate	2.457	43	12423	0.547	ppbv #	88
24) 1,1-Dichloroethane	2.402	63	7557	0.545	ppbv	98
25) Ethyl Acetate	2.832	43	14349	0.360	ppbv #	89
26) Hexane	2.823	57	11513	0.656	ppbv #	82
27) Carbon Disulfide	2.146	76	7940	0.498	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	4934	0.608	ppbv #	90
29) Chloroform	2.842	83	15592	0.546	ppbv	99
30) Cyclohexane	3.849	84	5307	0.431	ppbv #	89
31) cis-1,2-Dichloroethene	2.713	61	8427	0.506	ppbv #	88
32) 1,1,1-Trichloroethane	3.363	97	13416	0.497	ppbv	96
34) 2-Butanone	2.557	43	12447	0.483	ppbv	97
35) Carbon Tetrachloride	3.353	117	377	0.013	ppbv	88
36) Benzene	3.648	78	16189	0.488	ppbv	94
37) 1,2-Dichloroethane	3.214	62	11527	0.535	ppbv	97
38) Trichloroethene	4.541	130	4084	0.245	ppbv #	77
39) 1,2-Dichloropropane	4.312	63	2058	0.158	ppbv	88
40) 1,4-Dioxane	4.587	88	772	0.155	ppbv #	20
41) Tetrahydrofuran	3.056	42	5399	0.438	ppbv	97
42) Bromodichloromethane	4.477	83	9772	0.337	ppbv	91
43) Methyl Methacrylate	4.875	69	765	0.071	ppbv #	1
44) 2,2,4-Trimethylpentane	4.629	57	24296	0.437	ppbv	91
45) t-1,3-Dichloropropene	6.399	75	1142	0.095	ppbv	90

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

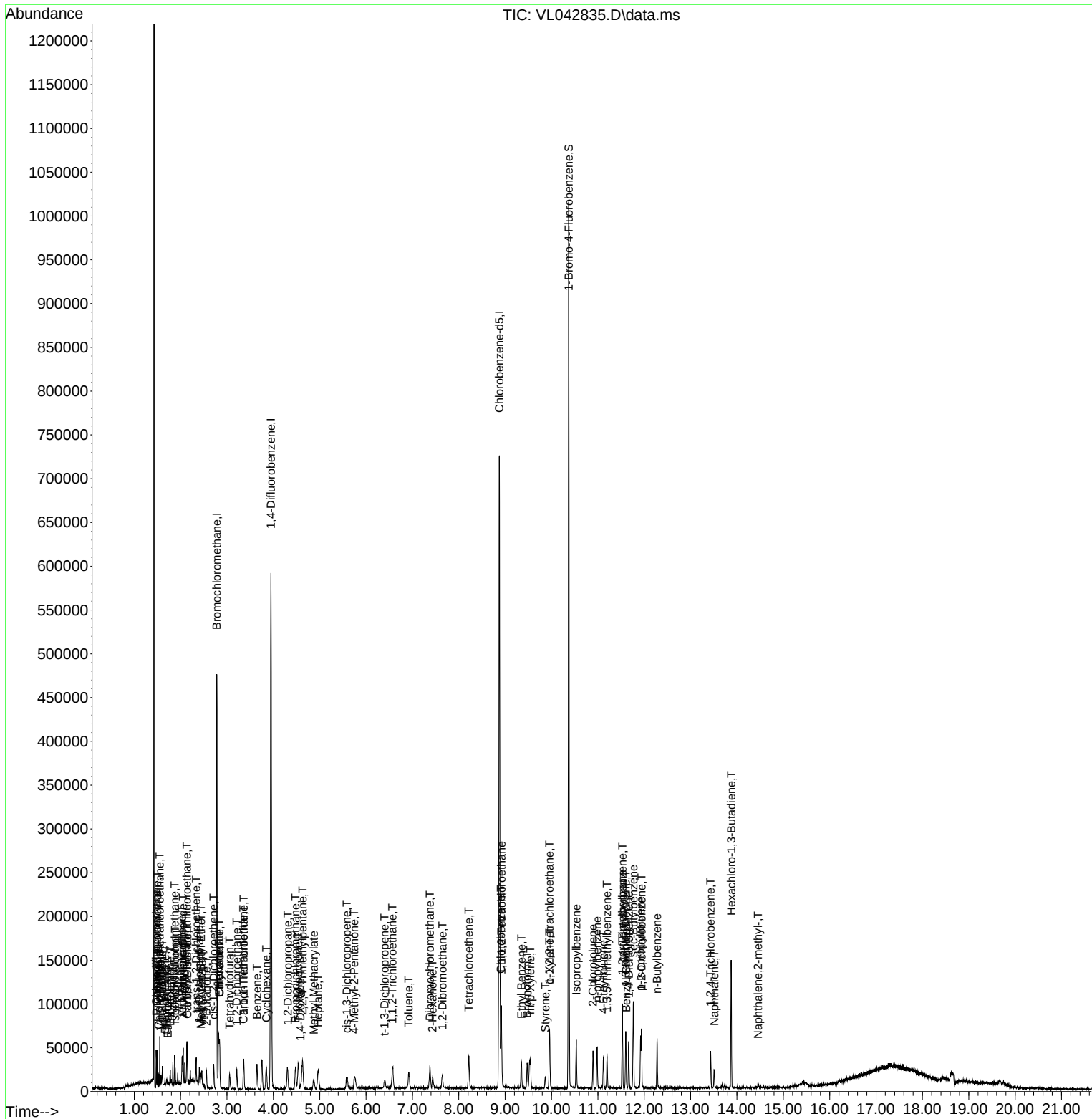
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 ClientSampleId :

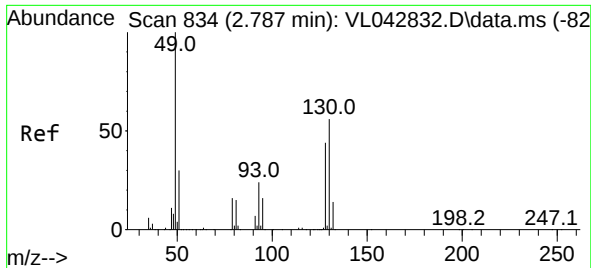
Quant Time: Aug 12 02:11:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 12 01:58:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.587	75	2812	0.176	ppbv #	49
47) 1,1,2-Trichloroethane	6.567	97	2849	0.202	ppbv #	42
48) Dibromochloromethane	7.377	129	11441	0.499	ppbv	96
49) Bromoform	9.474	173	6126	0.305	ppbv #	27
50) 4-Methyl-2-Pentanone	5.745	43	4157	0.140	ppbv #	1
51) 2-Hexanone	7.435	43	4782	0.217	ppbv #	75
52) Tetrachloroethene	8.215	164	6087	0.491	ppbv	95
53) Toluene	6.920	91	12871	0.410	ppbv	97
54) 1,2-Dibromoethane	7.645	107	8833	0.466	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.921	131	9491	0.531	ppbv #	1
57) Chlorobenzene	8.911	112	8760	0.283	ppbv	91
58) Ethyl Benzene	9.351	91	16200	0.384	ppbv	95
59) m/p-Xylene	9.542	91	10330	0.284	ppbv #	100
60) o-Xylene	9.956	91	12690	0.355	ppbv	99
61) Styrene	9.866	104	4319	0.848	ppbv	88
62) Isopropylbenzene	10.536	105	21175	0.391	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.956	83	12963	0.487	ppbv	98
64) n-propylbenzene	10.985	120	4940	0.352	ppbv	97
65) tert-Butylbenzene	11.529	119	16358	0.341	ppbv	92
66) Benzyl Chloride	11.610	91	2403	0.468	ppbv #	93
67) sec-Butylbenzene	11.765	105	26279	0.371	ppbv	95
69) p-Isopropyltoluene	11.924	119	18586	0.331	ppbv	94
70) n-Butylbenzene	12.277	91	17697	0.316	ppbv	99
71) 2-Chlorotoluene	10.895	91	15050	0.379	ppbv	99
72) 4-Ethyltoluene	11.121	105	14085	0.329	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.196	105	12145	0.329	ppbv #	80
74) 1,2,4-Trimethylbenzene	11.532	105	15043	0.347	ppbv #	80
75) 1,3-Dichlorobenzene	11.600	146	14667	0.471	ppbv	97
76) 1,4-Dichlorobenzene	11.668	146	12348	0.424	ppbv	97
77) 1,2-Dichlorobenzene	11.944	146	15579	0.492	ppbv	97
78) Hexachloro-1,3-Butadiene	13.876	225	15255	0.564	ppbv	96
79) Naphthalene	13.510	128	9896	0.329	ppbv #	89
80) Naphthalene,2-methyl-	14.452	142	2449	0.259	ppbv #	83
81) 1,2,4-Trichlorobenzene	13.432	180	6014	0.292	ppbv	92

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

Quant Time: Aug 12 02:11:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Aug 12 01:58:08 2025
Response via : Initial Calibration

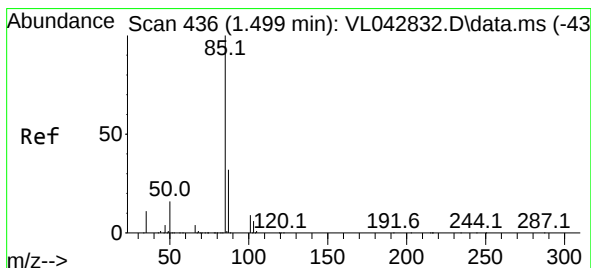
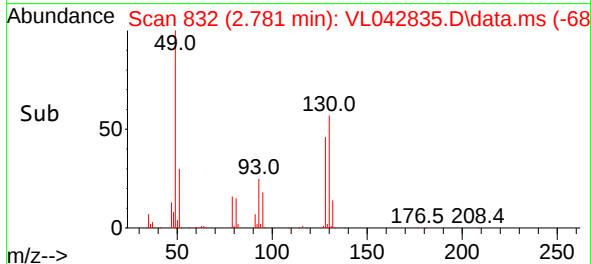
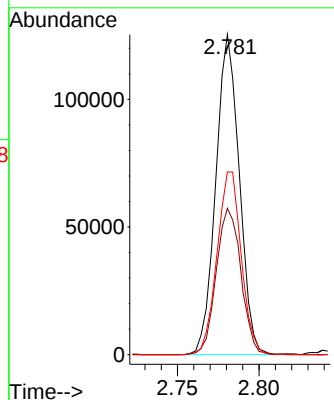
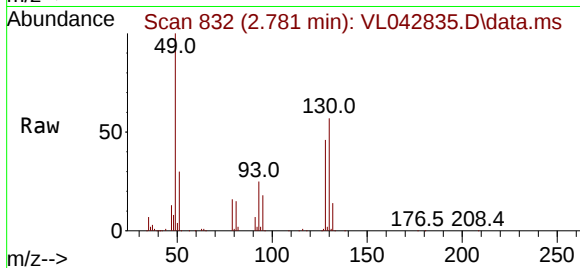




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.781 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

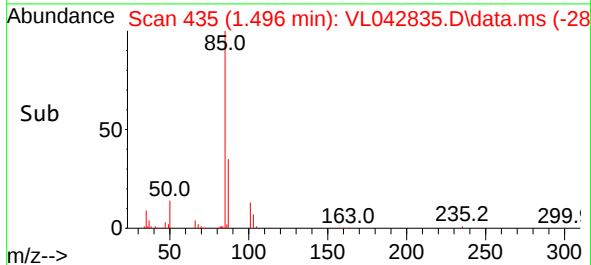
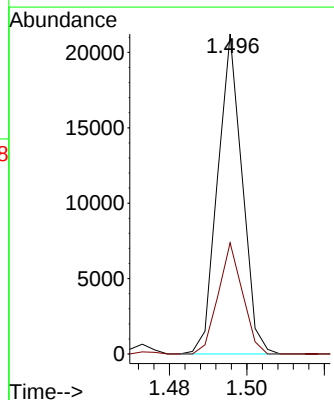
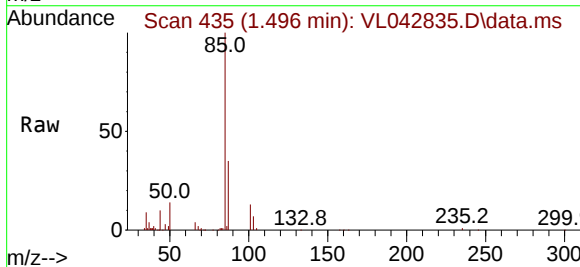
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 ClientSampleId :

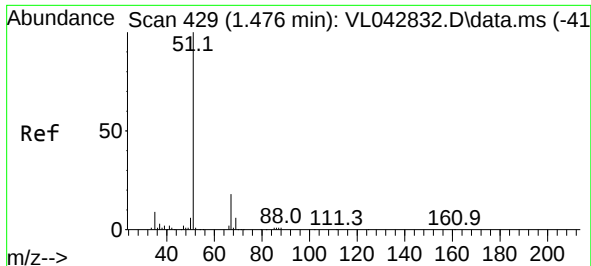
Tgt Ion: 49 Resp: 125661
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.2 69.6
 130 58.9 29.0 87.1



#2
 Dichlorodifluoromethane
 Concen: 0.530 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 85 Resp: 9324
 Ion Ratio Lower Upper
 85 100
 87 34.7 25.9 38.9

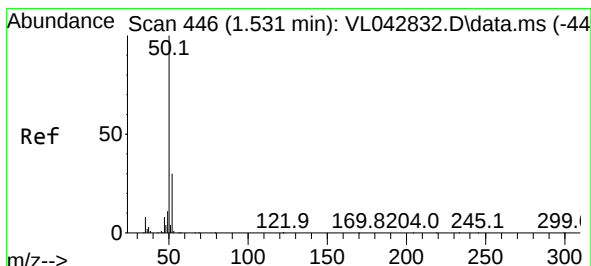
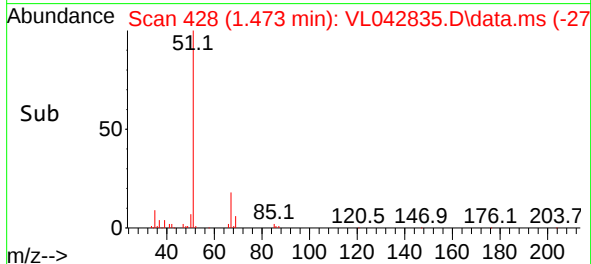
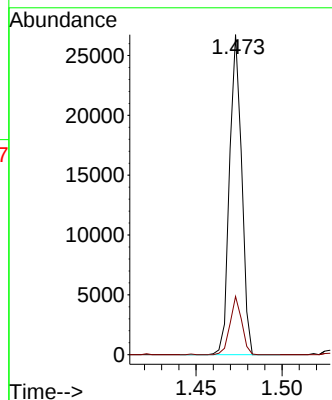
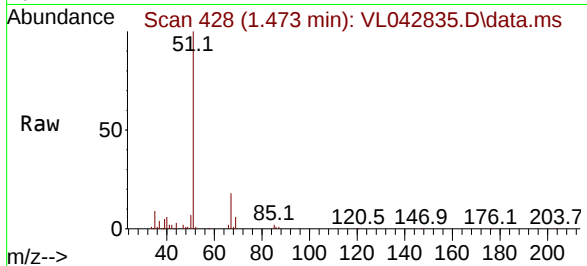




#3
Chlorodifluoromethane
Concen: 0.559 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

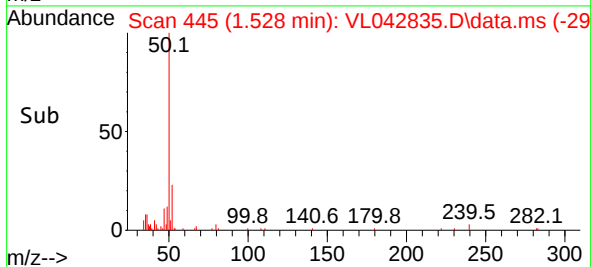
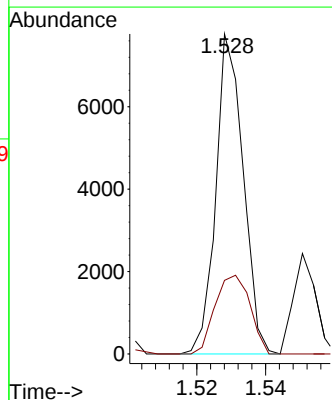
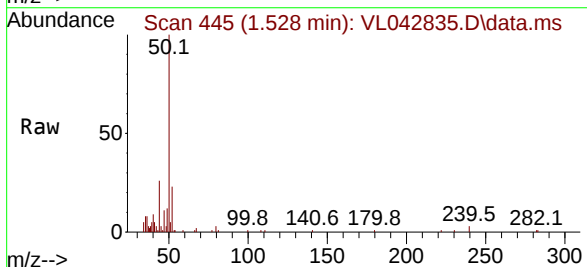
Instrument :
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ClientSampleId :

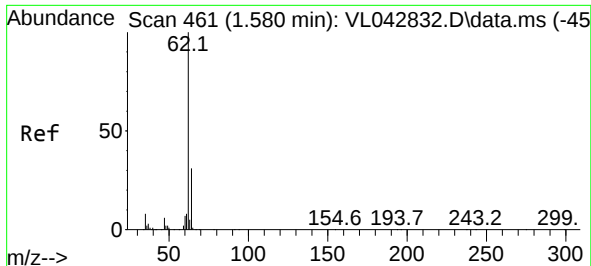
Tgt Ion: 51 Resp: 13143
Ion Ratio Lower Upper
51 100
67 17.6 14.7 22.1



#4
Chloromethane
Concen: 0.582 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 50 Resp: 4286
Ion Ratio Lower Upper
50 100
52 23.0 24.3 36.5#

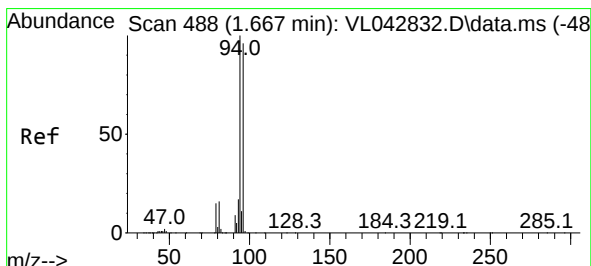
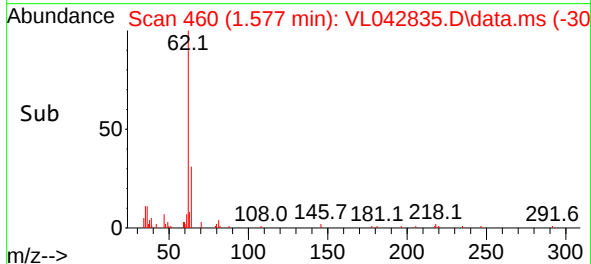
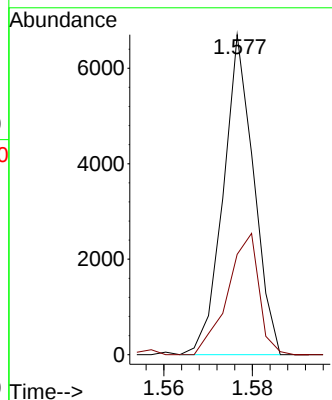
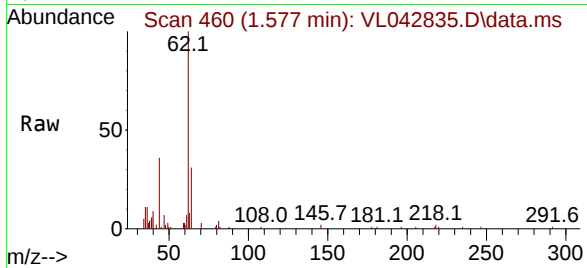




#5
 Vinyl Chloride
 Concen: 0.454 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

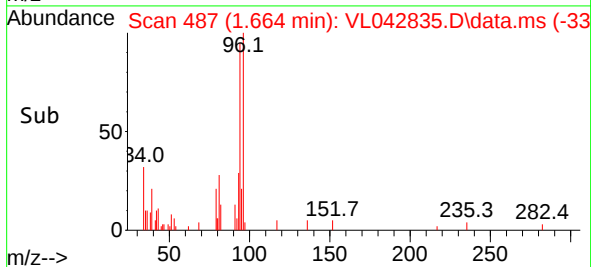
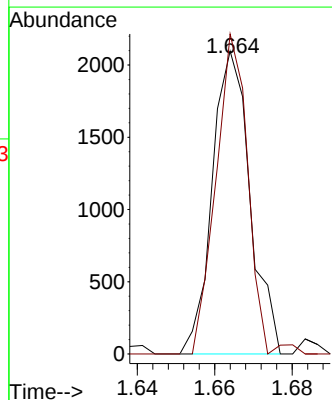
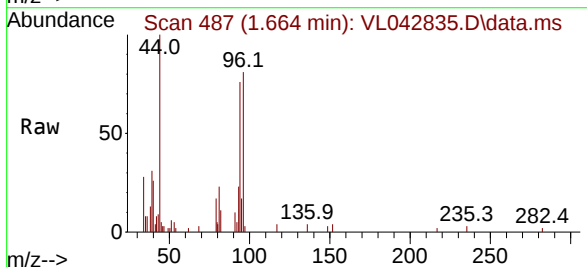
Instrument :
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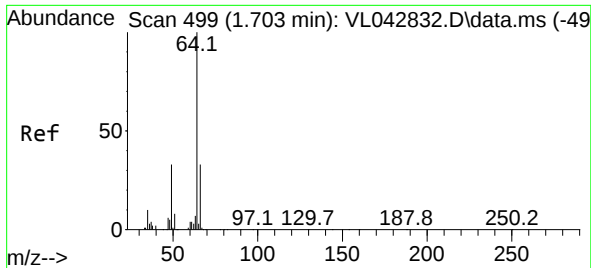
Tgt Ion: 62 Resp: 3192
 Ion Ratio Lower Upper
 62 100
 64 29.1 24.9 37.3



#6
 Bromomethane
 Concen: 0.536 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 94 Resp: 1420
 Ion Ratio Lower Upper
 94 100
 96 105.6 76.2 114.4

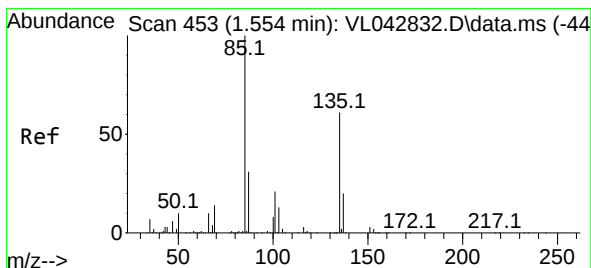
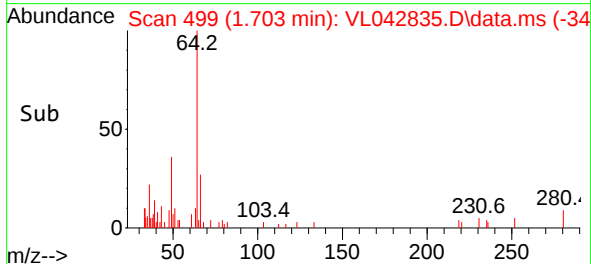
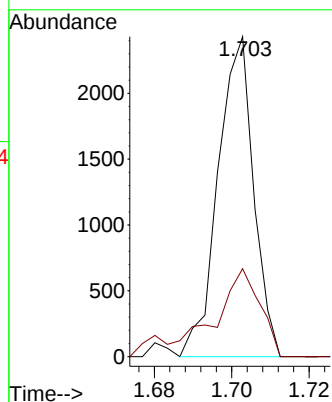
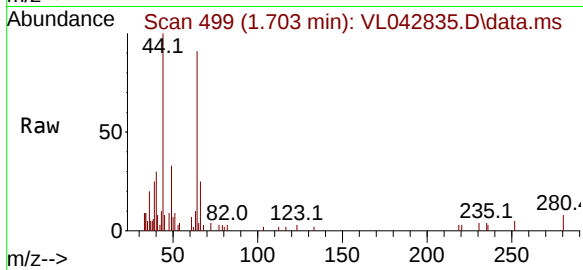




#7
Chloroethane
Concen: 0.583 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

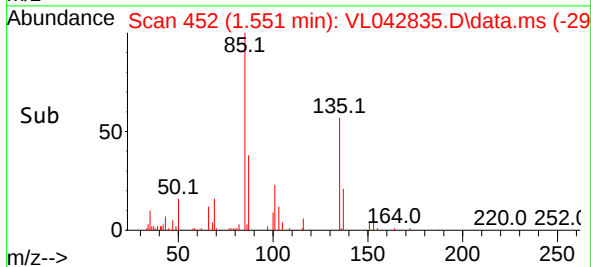
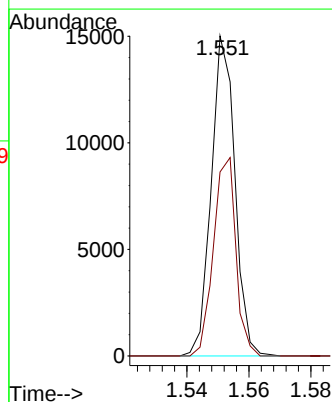
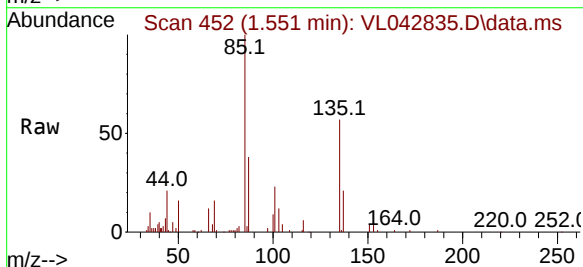
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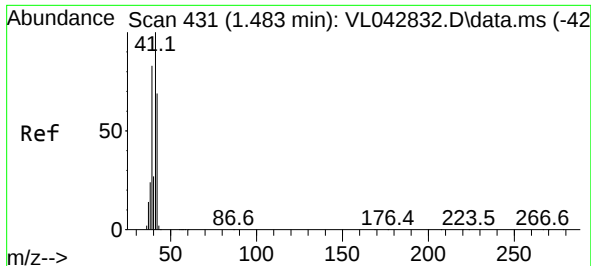
Tgt Ion: 64 Resp: 1550
Ion Ratio Lower Upper
64 100
66 27.5 26.6 40.0



#8
Dichlorotetrafluoroethane
Concen: 0.544 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 85 Resp: 7958
Ion Ratio Lower Upper
85 100
135 58.9 51.8 77.8

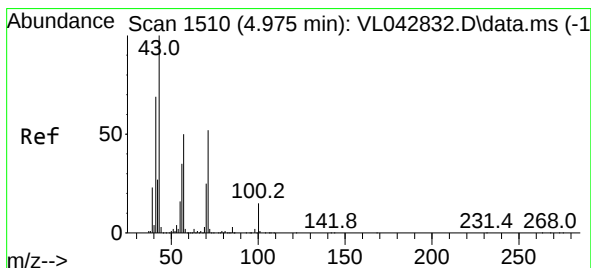
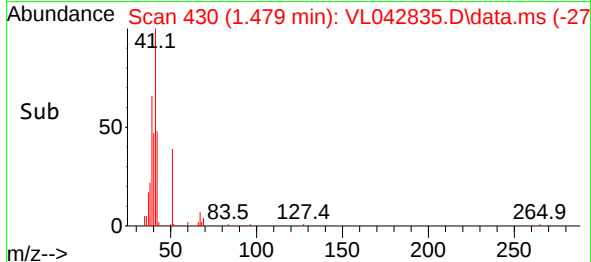
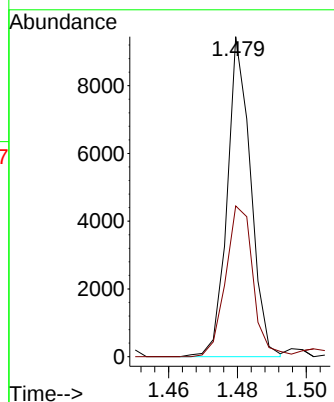
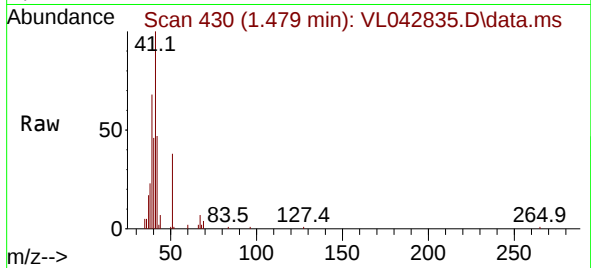




#9
 Propene
 Concen: 0.551 ppbv
 RT: 1.479 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

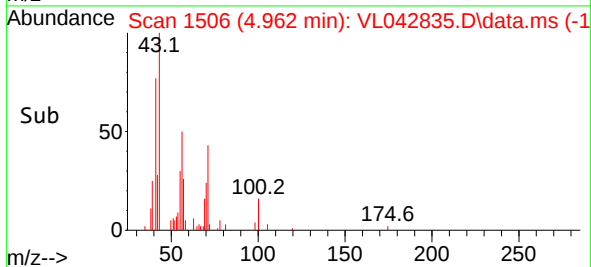
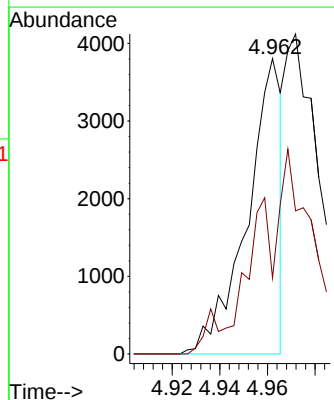
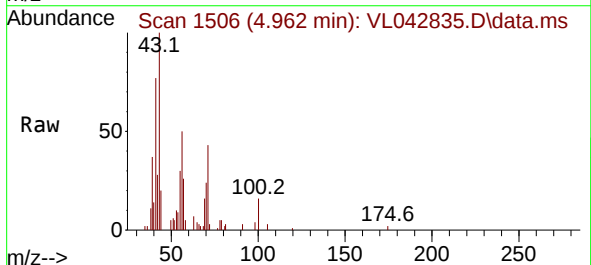
Instrument :
 MSVOA_L
 ClientSampleId :

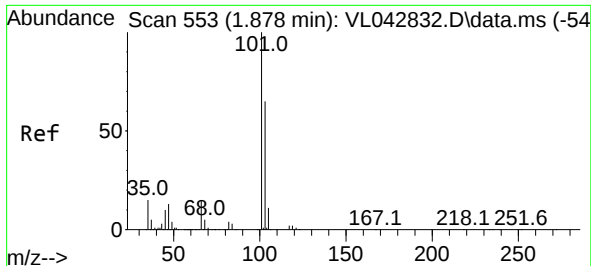
Tgt Ion: 41 Resp: 4465
 Ion Ratio Lower Upper
 41 100
 42 63.6 55.4 83.0



#10
 Heptane
 Concen: 0.194 ppbv
 RT: 4.962 min Scan# 1506
 Delta R.T. -0.013 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 43 Resp: 3792
 Ion Ratio Lower Upper
 43 100
 57 0.0 38.7 58.1#

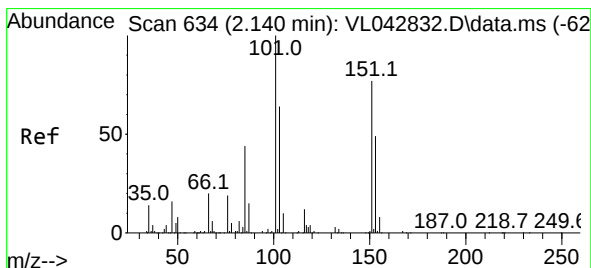
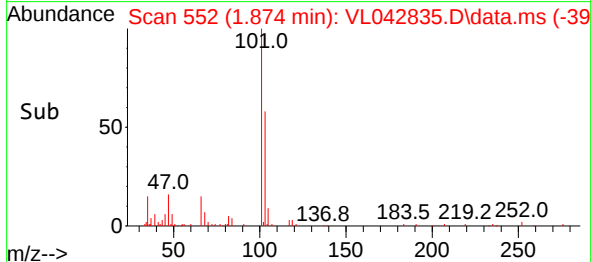
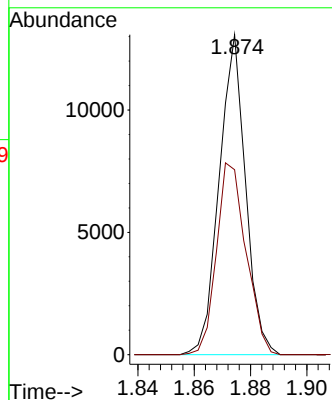
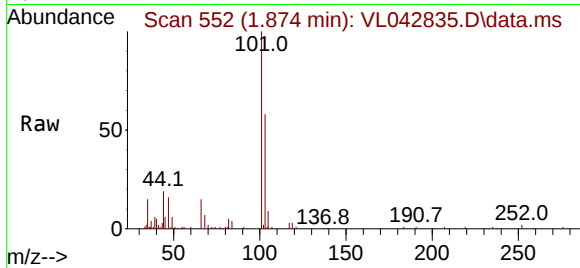




#11
 Trichlorofluoromethane
 Concen: 0.483 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

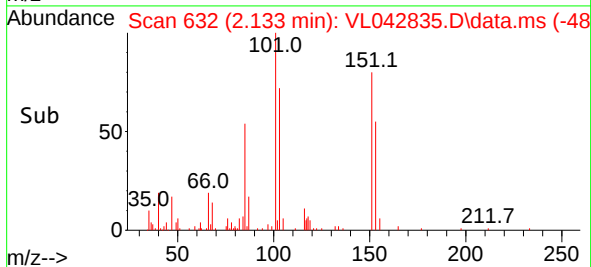
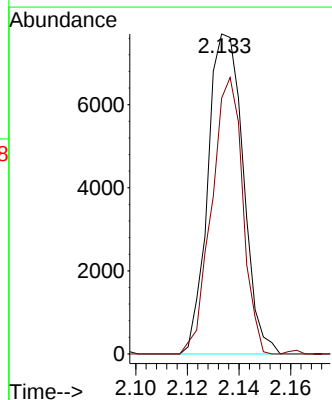
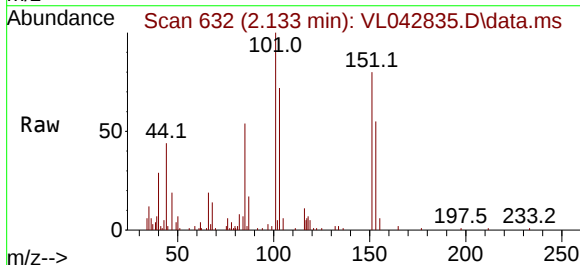
Instrument :
 MSVOA_L
 ClientSampleId :

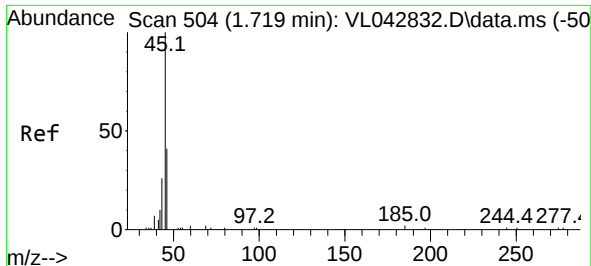
Tgt Ion:101 Resp: 8500
 Ion Ratio Lower Upper
 101 100
 103 57.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.525 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. -0.006 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion:101 Resp: 7306
 Ion Ratio Lower Upper
 101 100
 151 76.3 59.3 88.9





#13

Ethanol

Concen: 0.805 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

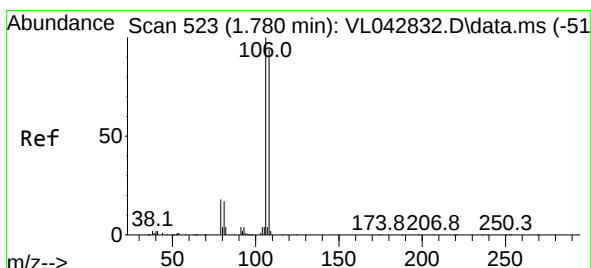
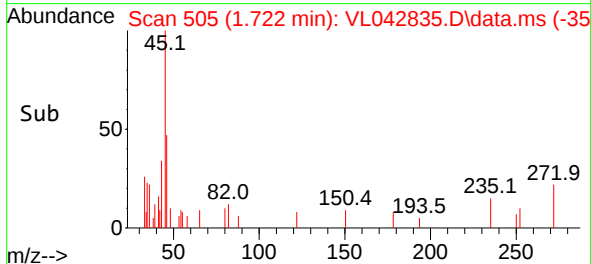
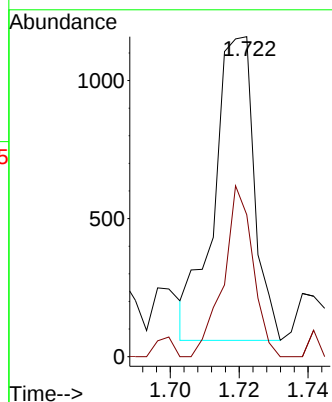
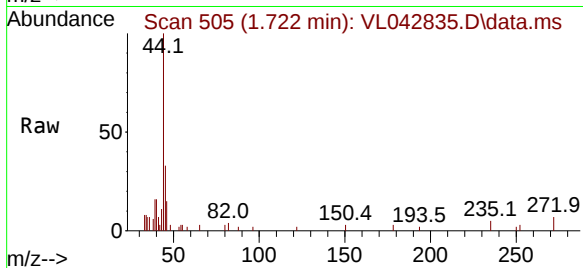
ClientSampleId :

Tgt Ion: 45 Resp: 893

Ion Ratio Lower Upper

45 100

46 0.0 18.1 72.5#



#14

Bromoethene

Concen: 0.533 ppbv

RT: 1.777 min Scan# 522

Delta R.T. -0.003 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

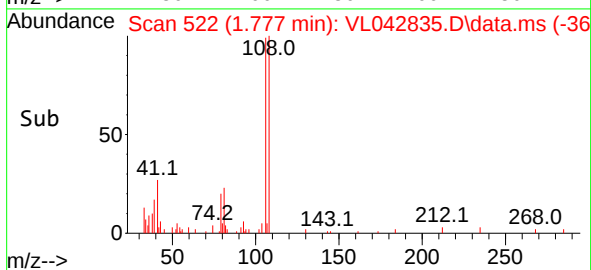
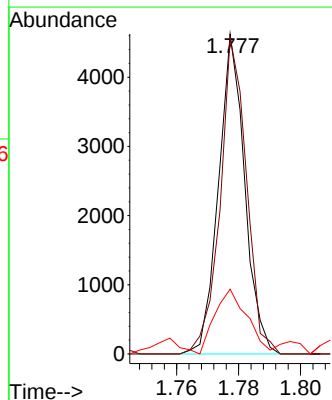
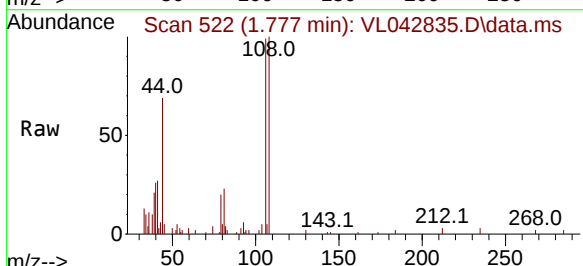
Tgt Ion: 108 Resp: 2709

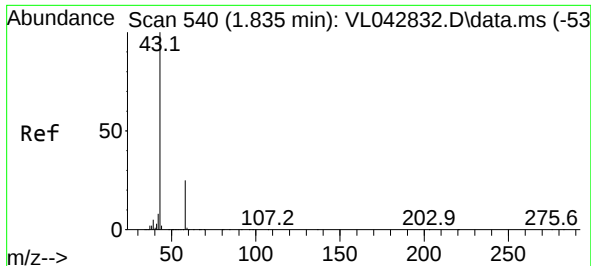
Ion Ratio Lower Upper

108 100

106 101.9 82.6 123.8

79 33.3 15.9 23.9#

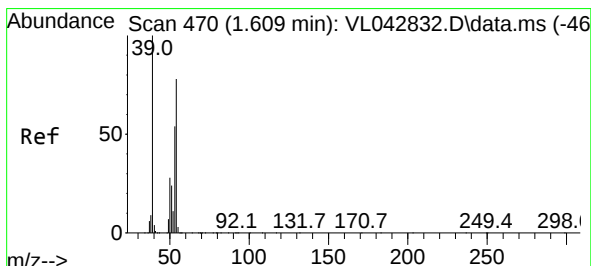
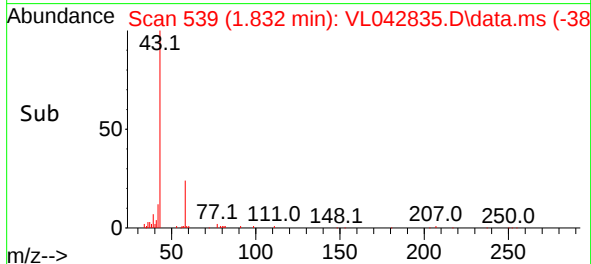
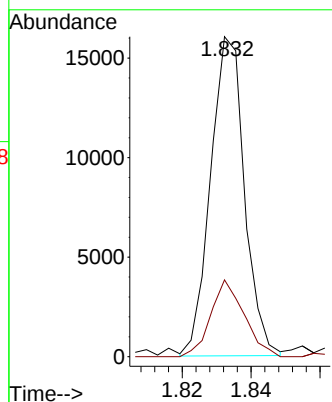
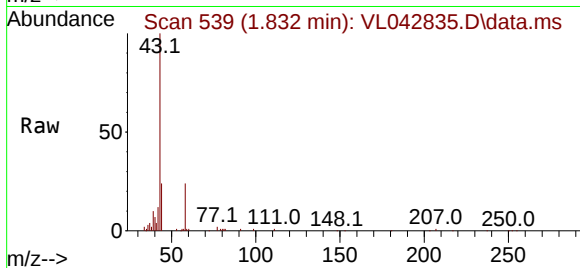




#15
Acetone
Concen: 0.619 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

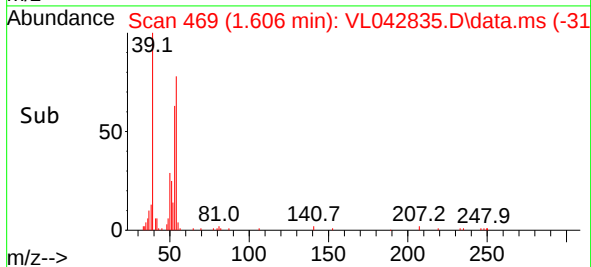
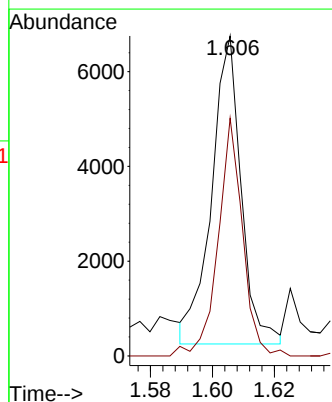
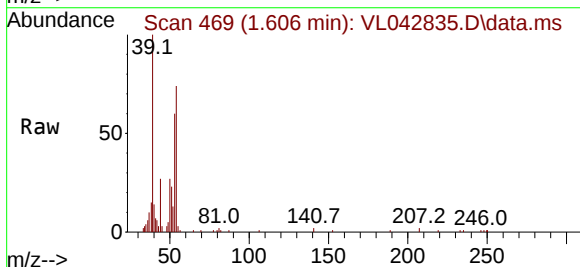
Instrument :
MSVOA_L
ClientSampleId :

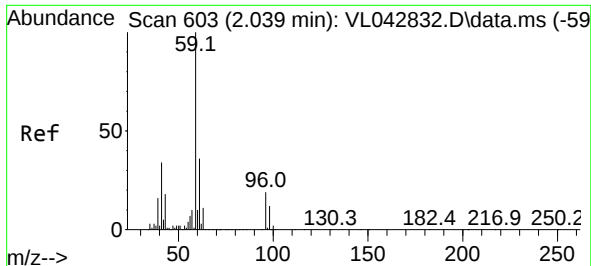
Tgt Ion: 43 Resp: 10954
Ion Ratio Lower Upper
43 100
58 24.4 19.5 29.3



#16
1,3-Butadiene
Concen: 0.555 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 39 Resp: 4299
Ion Ratio Lower Upper
39 100
54 64.0 54.1 81.1





#17

tert-Butyl alcohol

Concen: 0.551 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

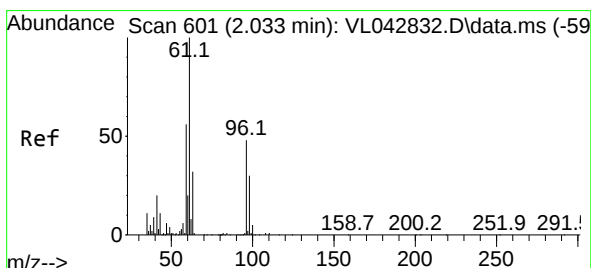
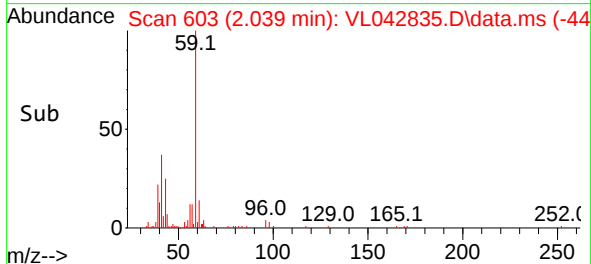
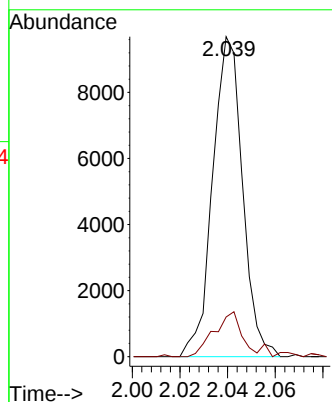
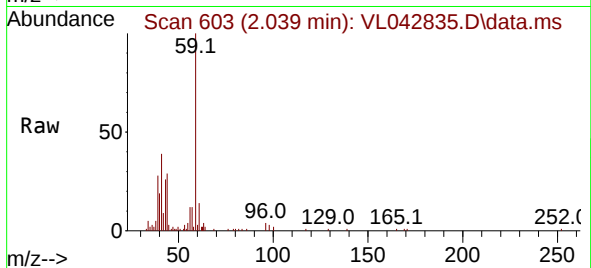
ClientSampleId :

Tgt Ion: 59 Resp: 8426

Ion Ratio Lower Upper

59 100

57 15.1 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.512 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.003 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

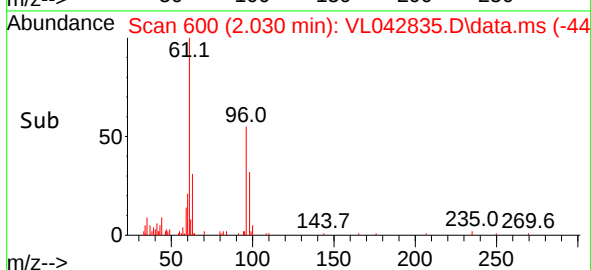
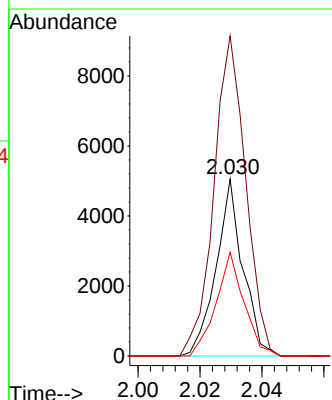
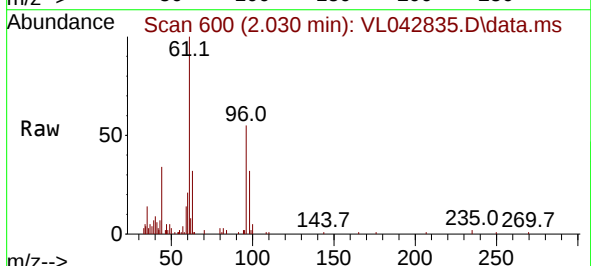
Tgt Ion: 96 Resp: 3042

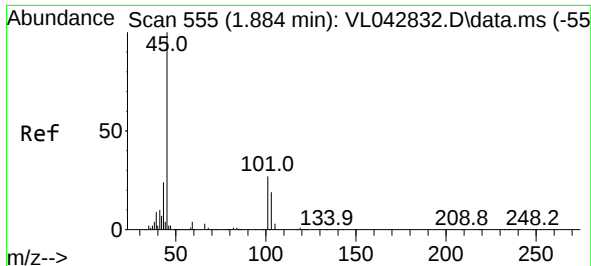
Ion Ratio Lower Upper

96 100

61 180.8 167.9 251.9

98 58.6 49.6 74.4

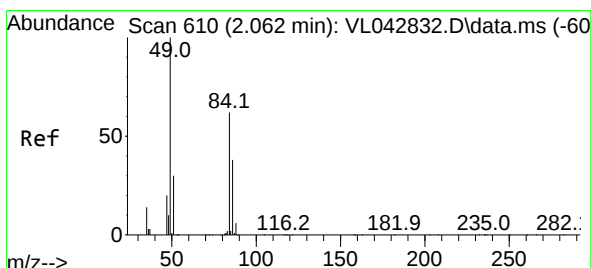
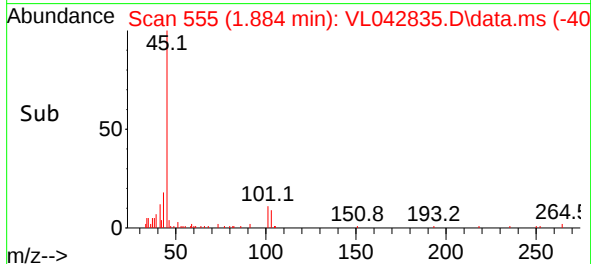
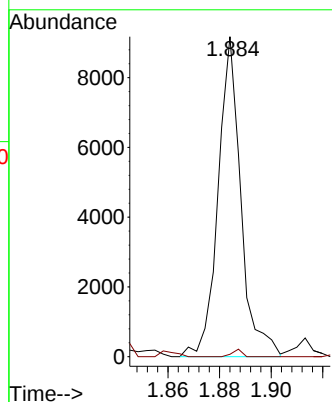
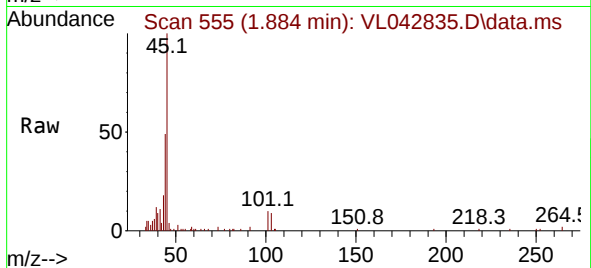




#19
Isopropyl Alcohol
Concen: 0.587 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

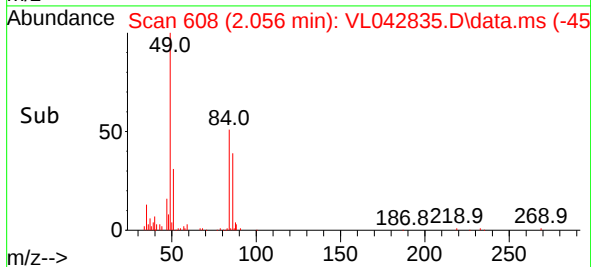
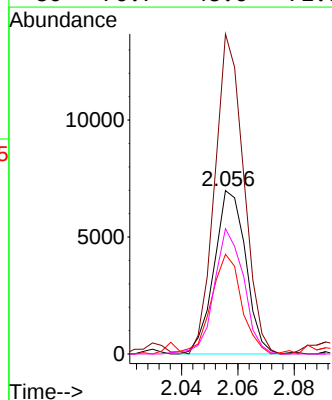
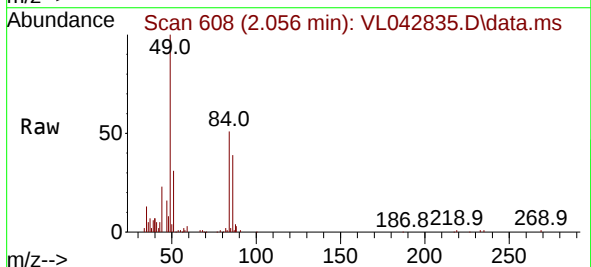
Instrument :
MSVOA_L
ClientSampleId :

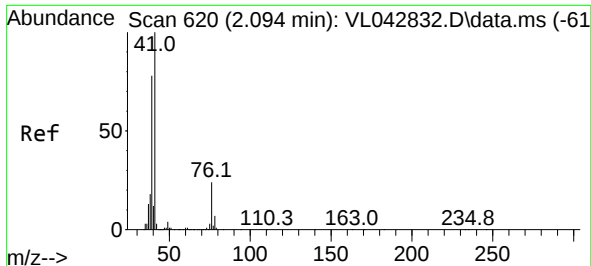
Tgt Ion: 45 Resp: 5621
Ion Ratio Lower Upper
45 100
58 47.5 1.6 2.4#



#20
Methylene Chloride
Concen: 0.763 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.006 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 84 Resp: 5433
Ion Ratio Lower Upper
84 100
49 195.9 129.3 193.9#
51 60.3 41.1 61.7
86 76.7 48.6 72.8#

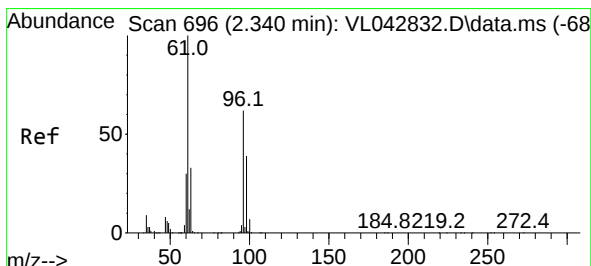
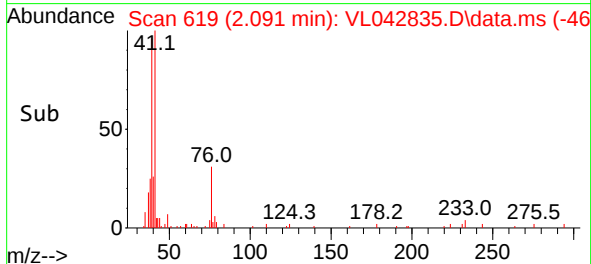
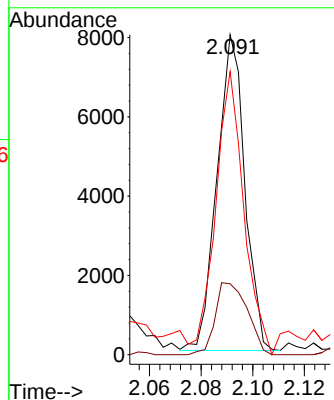
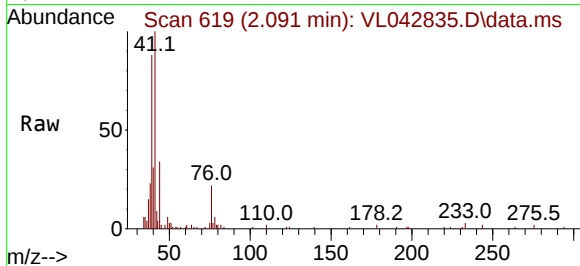




#21
 Allyl Chloride
 Concen: 0.533 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

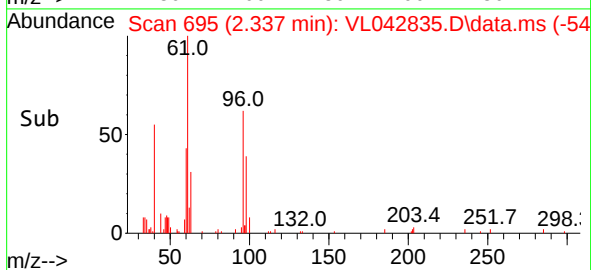
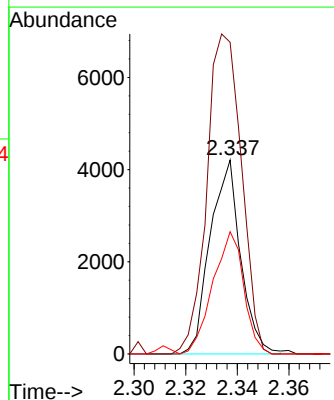
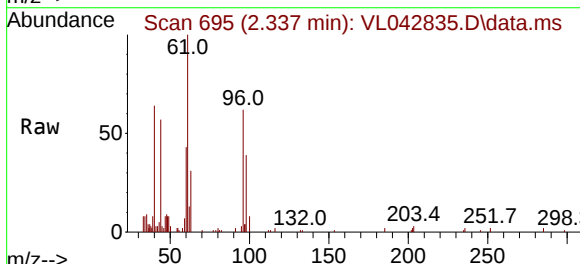
Instrument :
 MSVOA_L
 ClientSampleId :

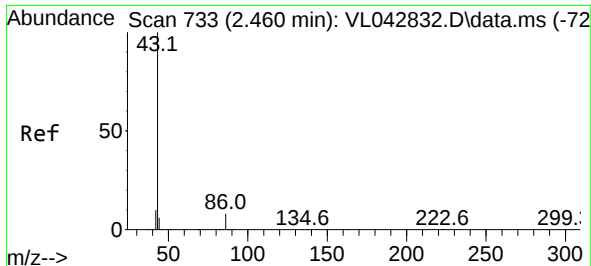
Tgt Ion: 41 Resp: 5969
 Ion Ratio Lower Upper
 41 100
 76 26.6 20.4 30.6
 39 88.2 66.2 99.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.513 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 96 Resp: 3441
 Ion Ratio Lower Upper
 96 100
 61 160.7 128.1 192.1
 98 63.0 50.2 75.4

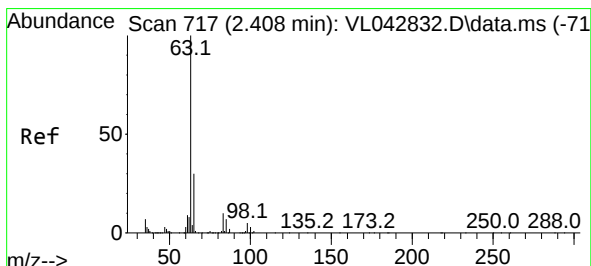
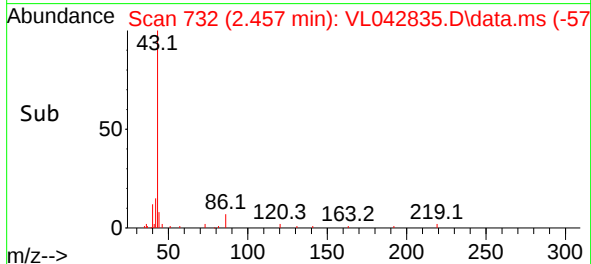
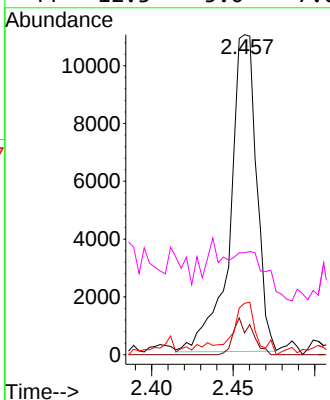
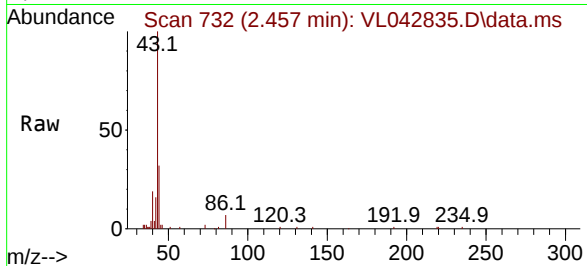




#23
 Vinyl Acetate
 Concen: 0.547 ppbv
 RT: 2.457 min Scan# 715
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

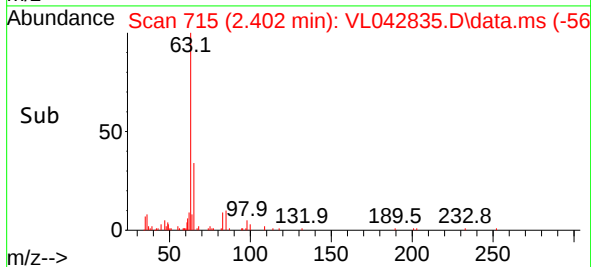
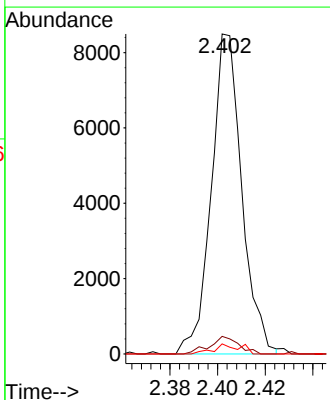
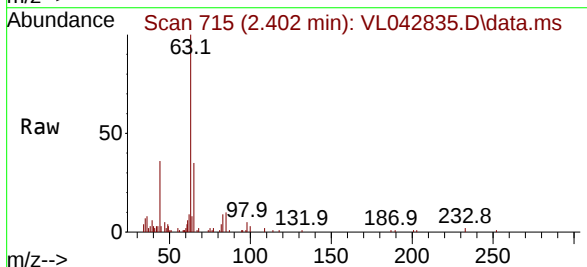
Instrument :
 MSVOA_L
 ClientSampleId :

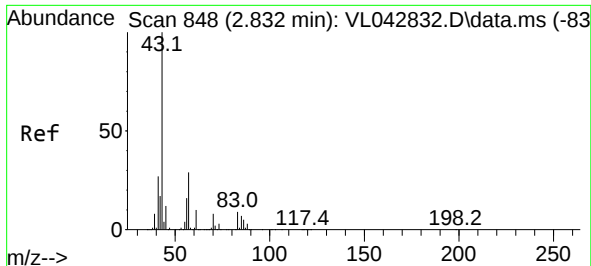
Tgt Ion: 43	Resp: 12423
Ion Ratio	Lower Upper
43	100
86	6.9 6.0 9.0
42	16.2 8.5 12.7#
44	12.3 5.0 7.6#



#24
 1,1-Dichloroethane
 Concen: 0.545 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 63	Resp: 7557
Ion Ratio	Lower Upper
63	100
98	5.5 2.4 7.1
100	3.1 1.6 4.7

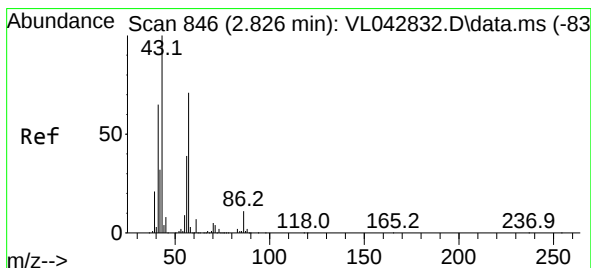
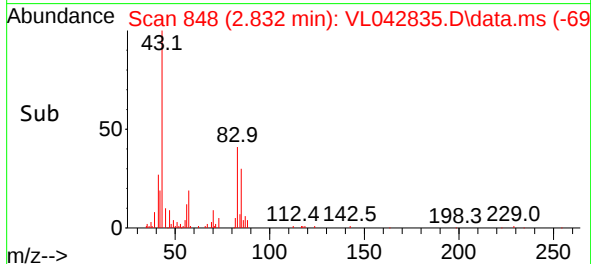
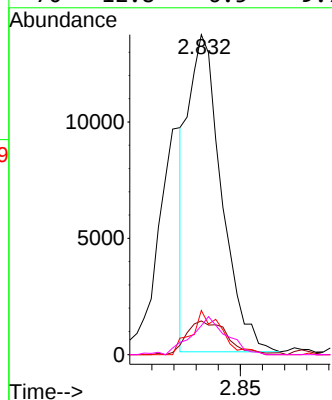
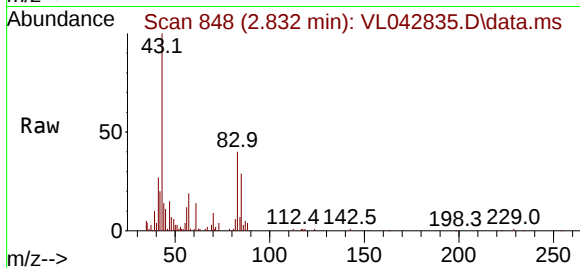




#25
Ethyl Acetate
Concen: 0.360 ppbv
RT: 2.832 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

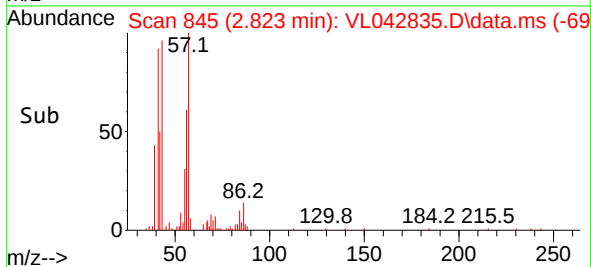
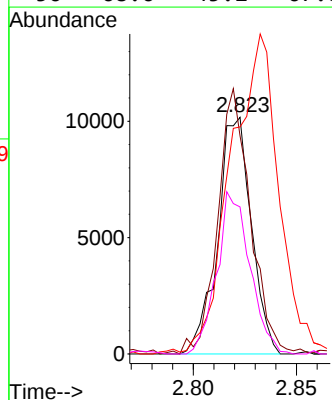
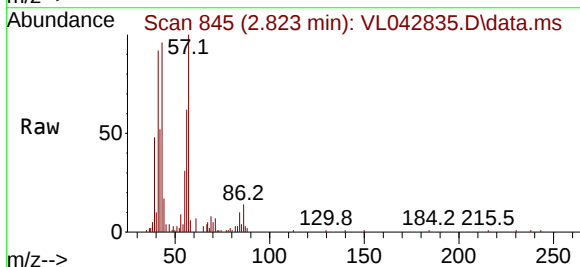
Instrument :
MSVOA_L
ClientSampleId :

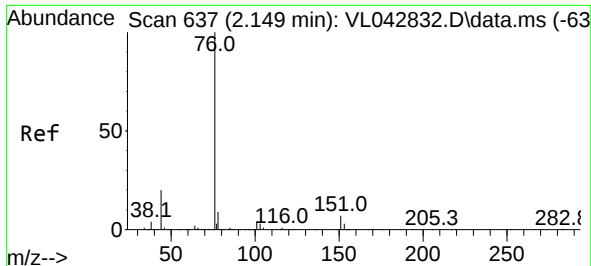
Tgt Ion:	43	Resp:	14349
Ion	Ratio	Lower	Upper
43	100		
45	13.2	7.8	11.8#
61	12.7	7.0	10.6#
70	12.8	6.5	9.7#



#26
Hexane
Concen: 0.656 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

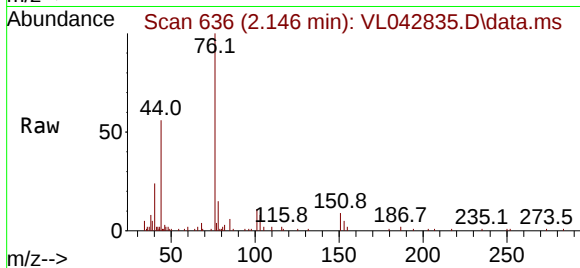
Tgt Ion:	57	Resp:	11513
Ion	Ratio	Lower	Upper
57	100		
41	109.8	76.8	115.2
43	197.6	185.4	278.2
56	68.6	45.2	67.8#



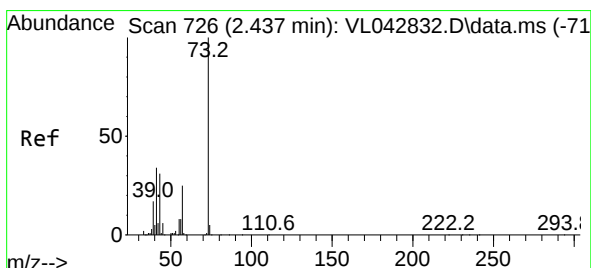
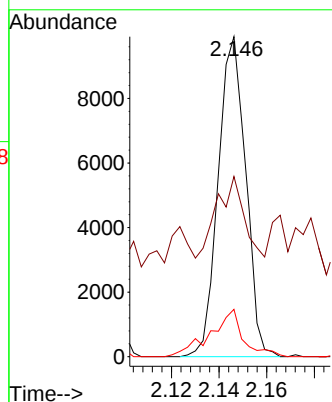
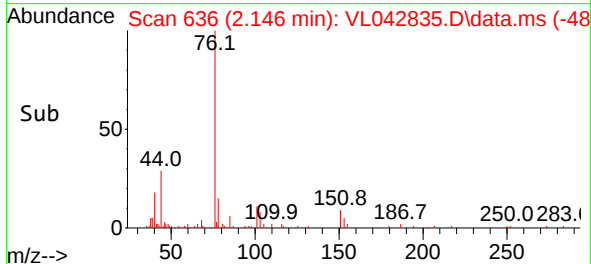


#27
Carbon Disulfide
Concen: 0.498 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

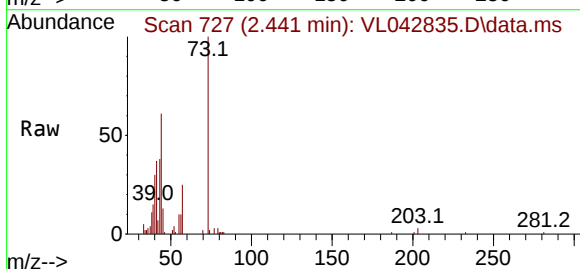
Instrument :
MSVOA_L
ClientSampleId :



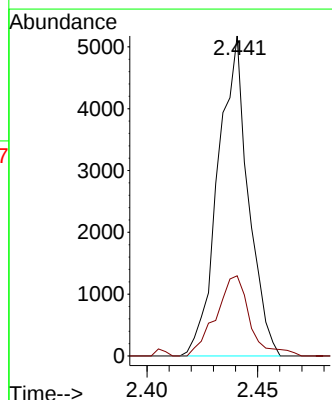
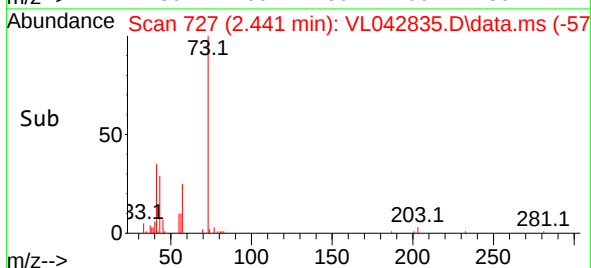
Tgt Ion: 76 Resp: 7940
Ion Ratio Lower Upper
76 100
44 97.6 19.4 29.0#
78 17.6 9.3 13.9#

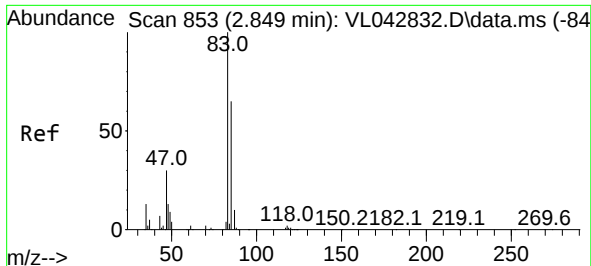


#28
Methyl tert-Butyl Ether
Concen: 0.608 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23



Tgt Ion: 73 Resp: 4934
Ion Ratio Lower Upper
73 100
57 28.7 18.9 28.3#





#29

Chloroform

Concen: 0.546 ppbv

RT: 2.842 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

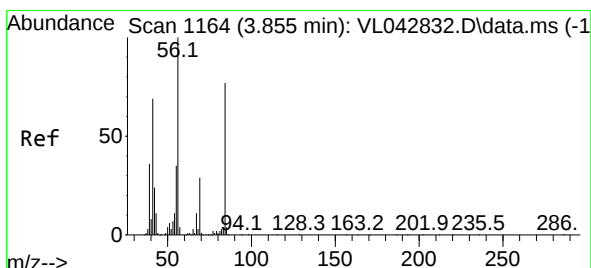
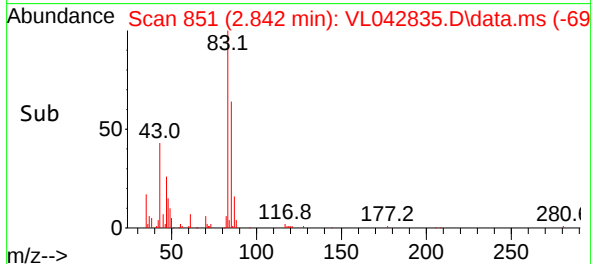
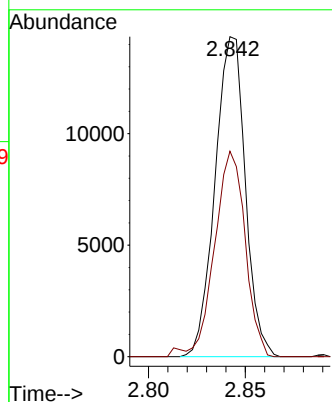
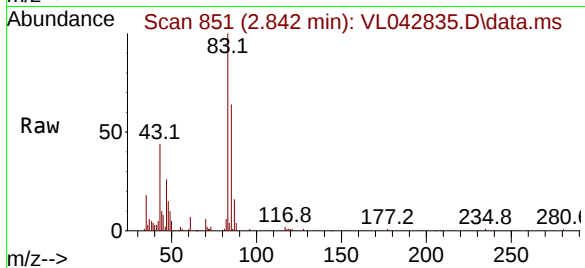
ClientSampleId :

Tgt Ion: 83 Resp: 15592

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9



#30

Cyclohexane

Concen: 0.431 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

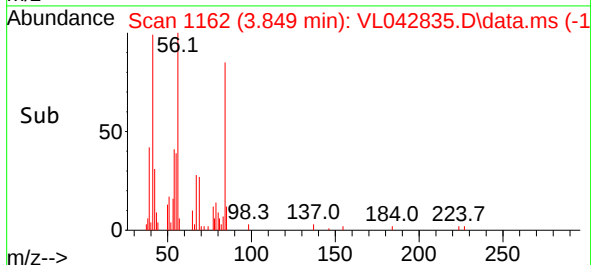
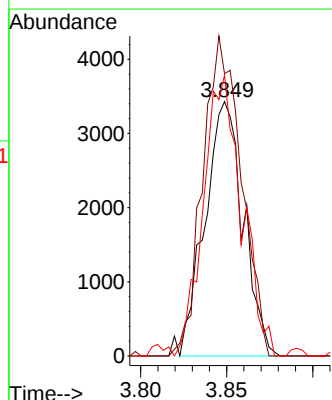
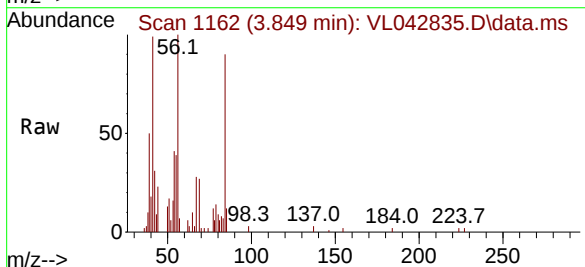
Tgt Ion: 84 Resp: 5307

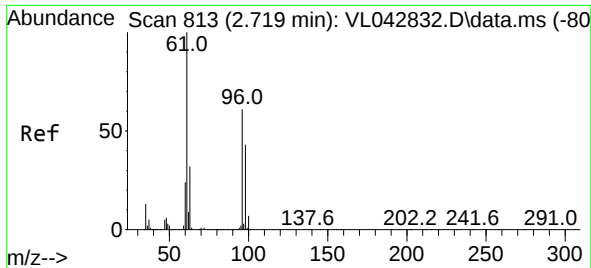
Ion Ratio Lower Upper

84 100

56 126.9 102.9 154.3

41 113.0 72.2 108.4#

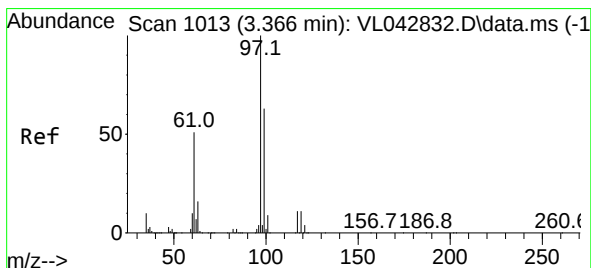
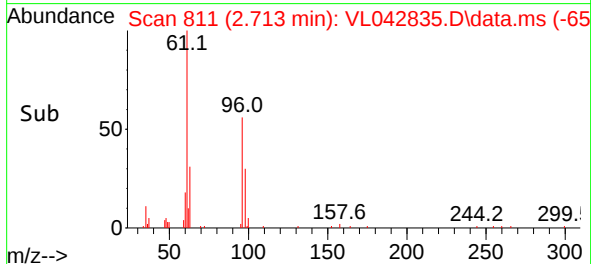
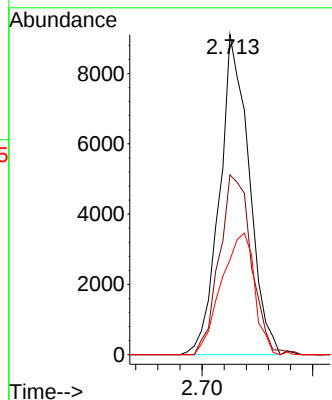
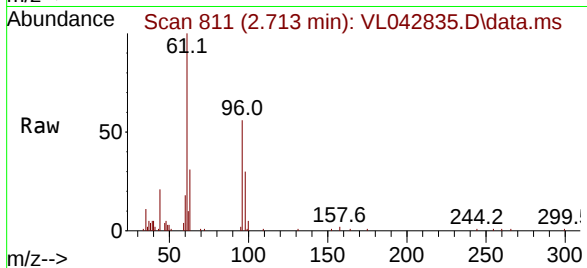




#31
 cis-1,2-Dichloroethene
 Concen: 0.506 ppbv
 RT: 2.713 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

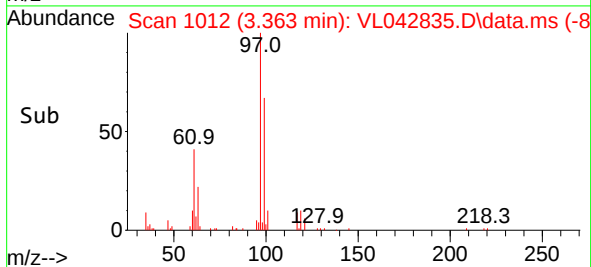
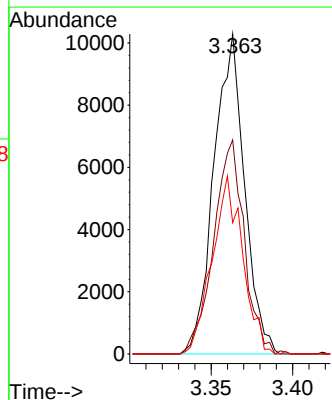
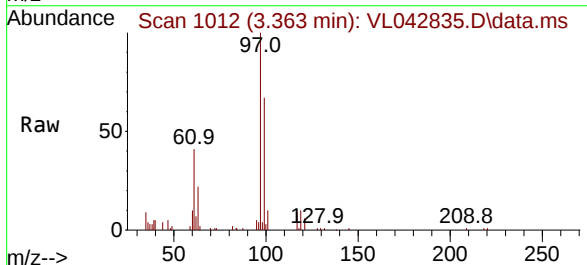
Instrument :
 MSVOA_L
 ClientSampleId :

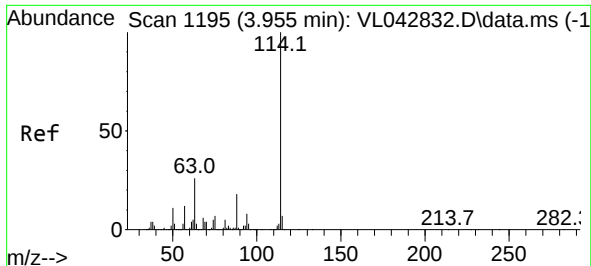
Tgt Ion: 61 Resp: 8427
 Ion Ratio Lower Upper
 61 100
 96 56.2 49.1 73.7
 98 29.6 34.2 51.4#



#32
 1,1,1-Trichloroethane
 Concen: 0.497 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 97 Resp: 13416
 Ion Ratio Lower Upper
 97 100
 99 66.9 50.7 76.1
 61 55.6 42.0 63.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

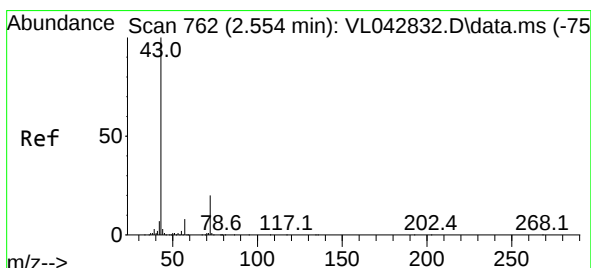
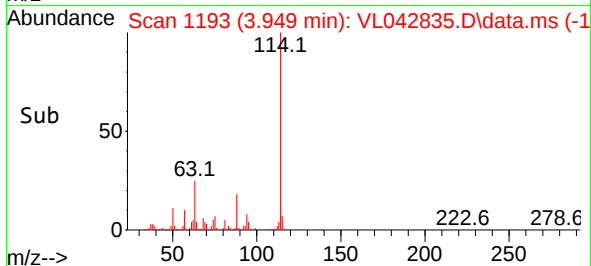
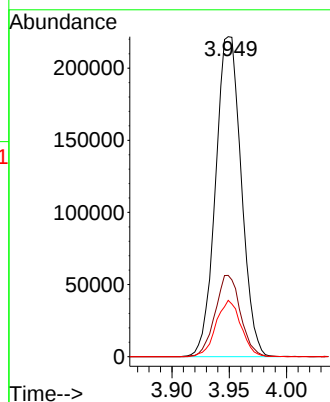
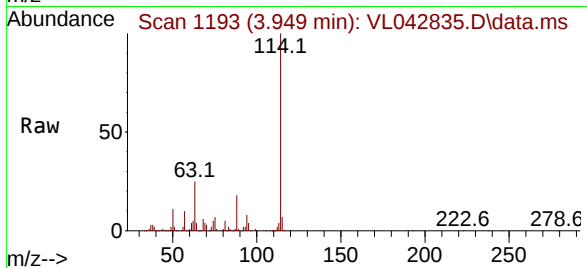
Tgt Ion:114 Resp: 345725

Ion Ratio Lower Upper

114 100

63 25.2 21.0 31.6

88 17.1 13.8 20.8



#34

2-Butanone

Concen: 0.483 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042835.D

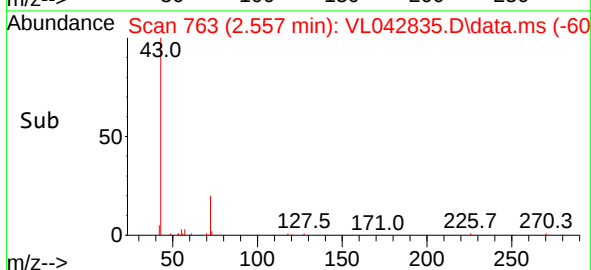
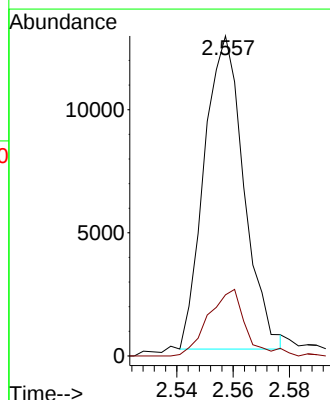
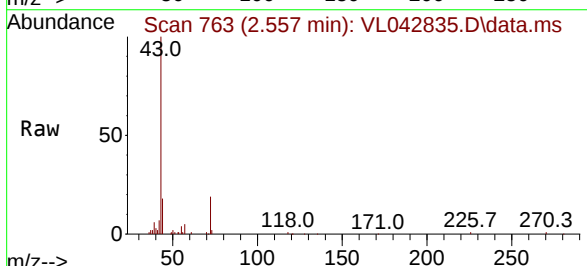
Acq: 11 Aug 2025 10:23

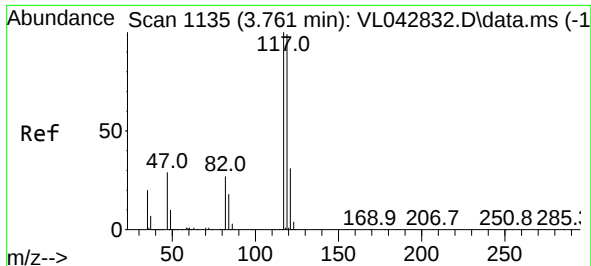
Tgt Ion: 43 Resp: 12447

Ion Ratio Lower Upper

43 100

72 20.1 17.2 25.8

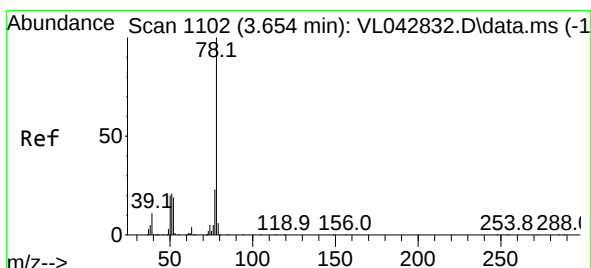
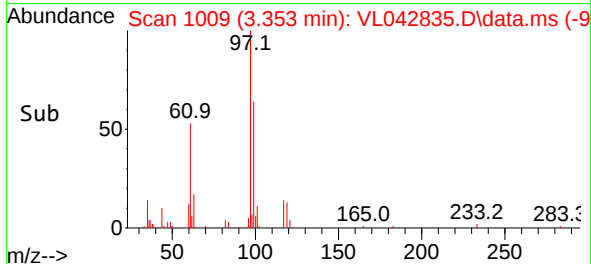
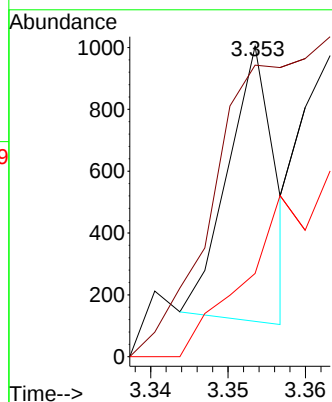
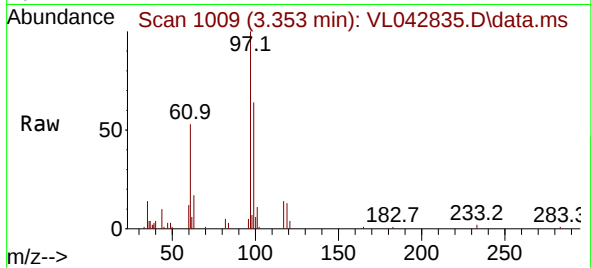




#35
Carbon Tetrachloride
Concen: 0.013 ppbv
RT: 3.353 min Scan# 1109
Delta R.T. -0.408 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

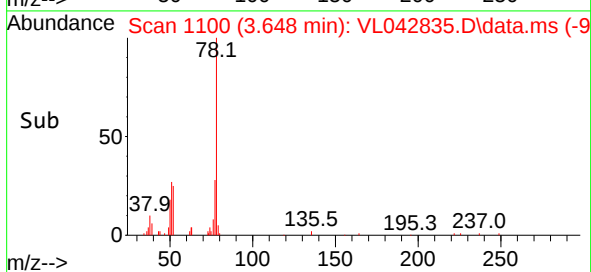
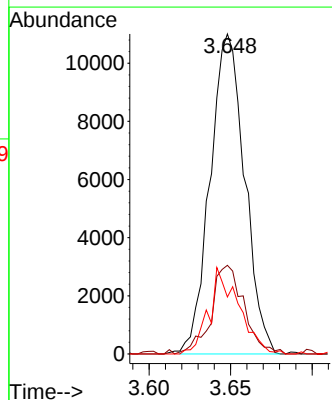
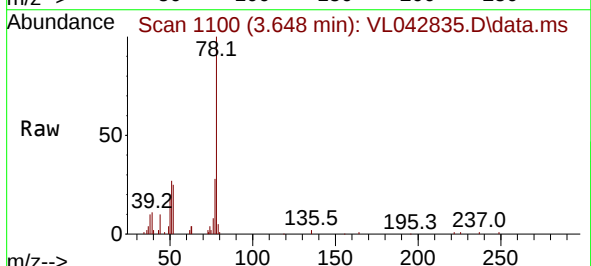
Instrument :
MSVOA_L
ClientSampleId :

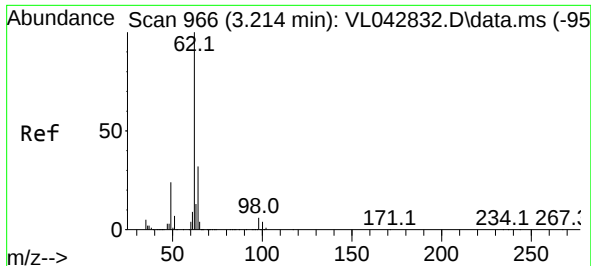
Tgt Ion:117 Resp: 377
Ion Ratio Lower Upper
117 100
119 83.9 79.3 118.9
121 31.3 25.0 37.4



#36
Benzene
Concen: 0.488 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 78 Resp: 16189
Ion Ratio Lower Upper
78 100
77 27.1 18.5 27.7
50 17.8 15.8 23.8

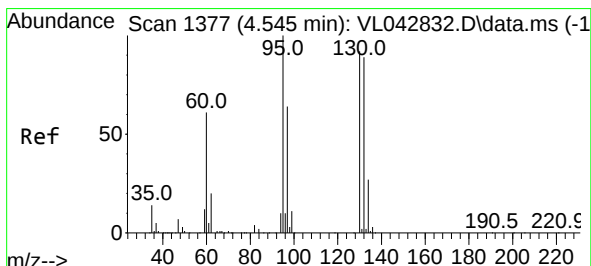
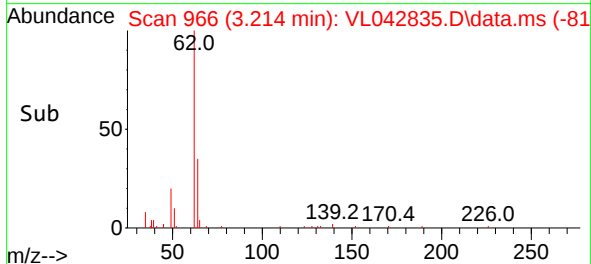
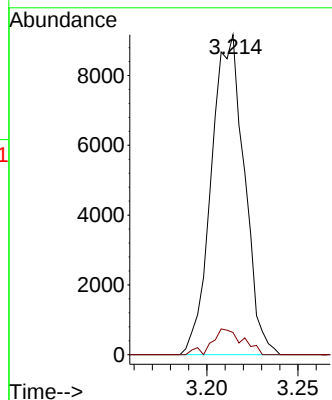
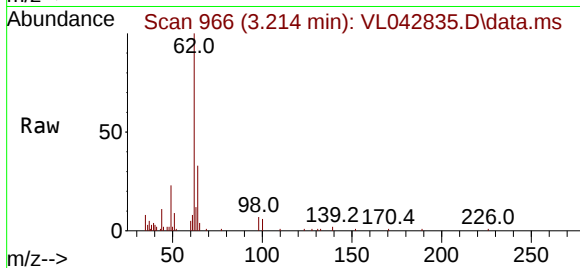




#37
1,2-Dichloroethane
Concen: 0.535 ppbv
RT: 3.214 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

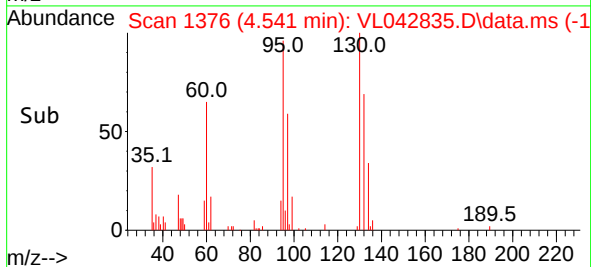
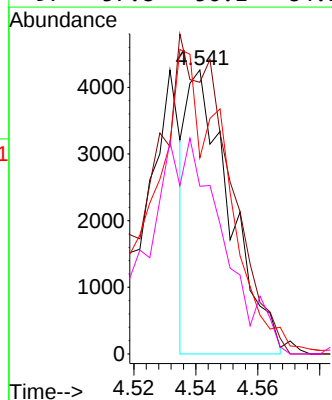
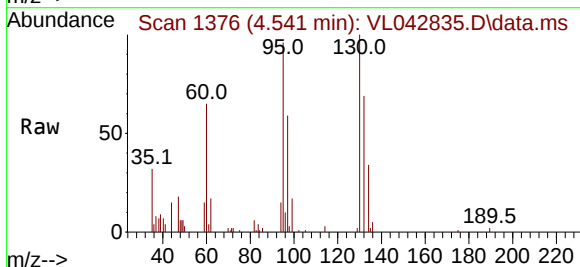
Instrument :
MSVOA_L
ClientSampleId :

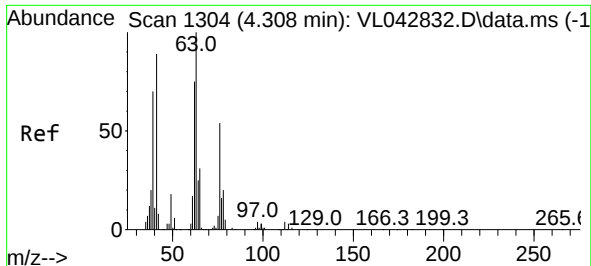
Tgt Ion: 62 Resp: 11527
Ion Ratio Lower Upper
62 100
98 7.6 5.1 7.7



#38
Trichloroethene
Concen: 0.245 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion:130 Resp: 4084
Ion Ratio Lower Upper
130 100
95 92.2 87.4 131.2
132 61.1 77.8 116.6#
97 57.8 56.1 84.1





#39

1,2-Dichloropropane

Concen: 0.158 ppbv

RT: 4.312 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

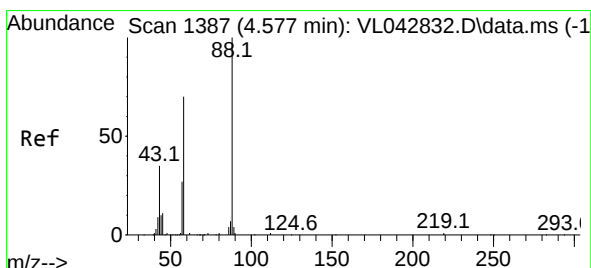
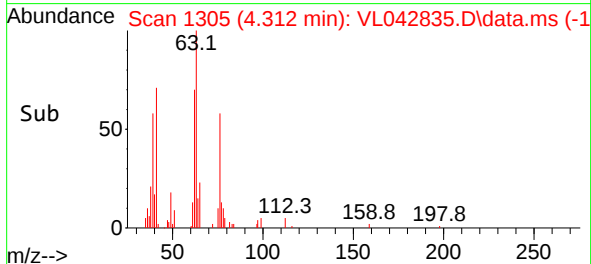
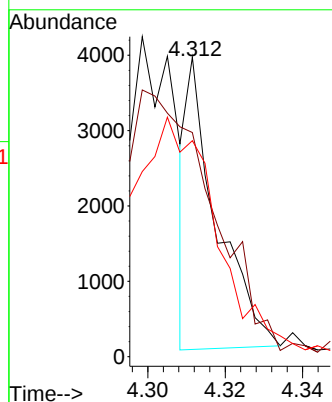
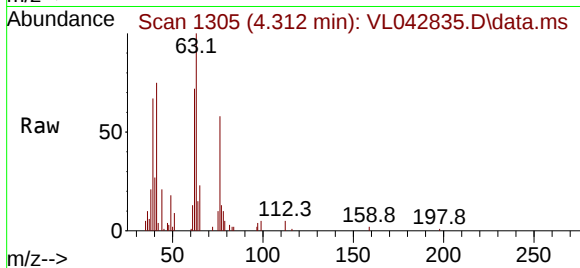
Tgt Ion: 63 Resp: 2058

Ion Ratio Lower Upper

63 100

41 75.5 71.8 107.8

62 67.6 60.0 90.0



#40

1,4-Dioxane

Concen: 0.155 ppbv

RT: 4.587 min Scan# 1390

Delta R.T. 0.010 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Tgt Ion: 88 Resp: 772

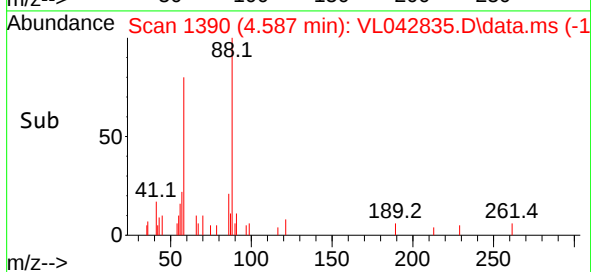
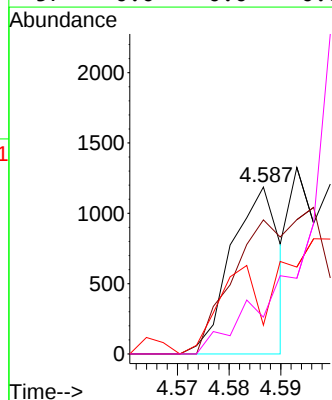
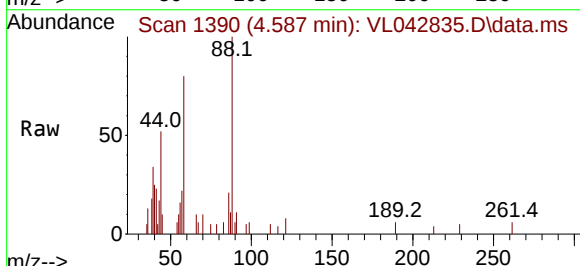
Ion Ratio Lower Upper

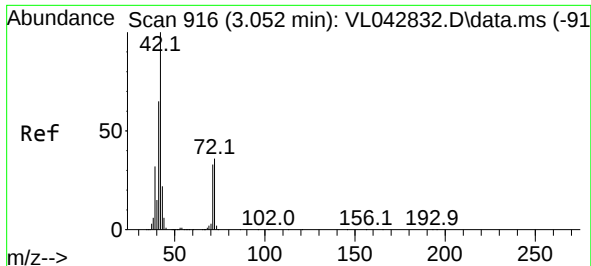
88 100

58 0.0 61.4 92.2#

43 0.0 28.6 43.0#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.438 ppbv

RT: 3.056 min Scan# 916

Delta R.T. 0.003 min

Lab File: VL042835.D

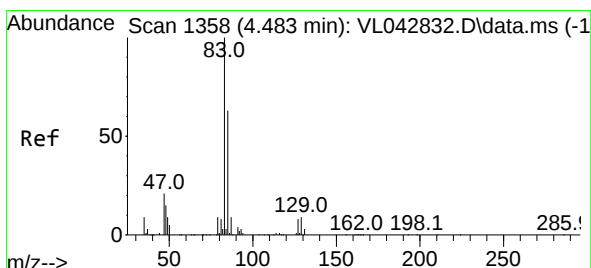
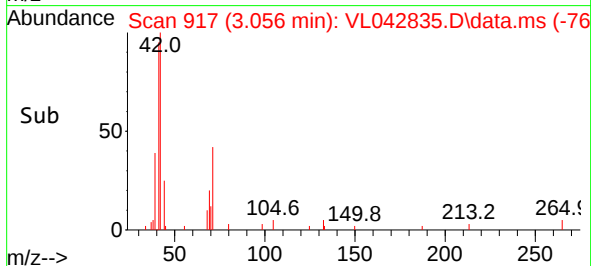
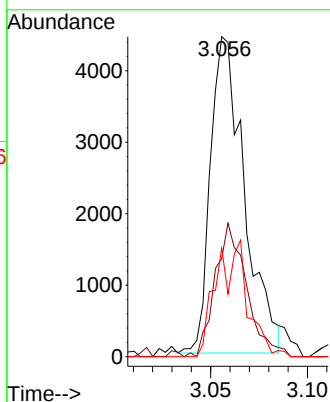
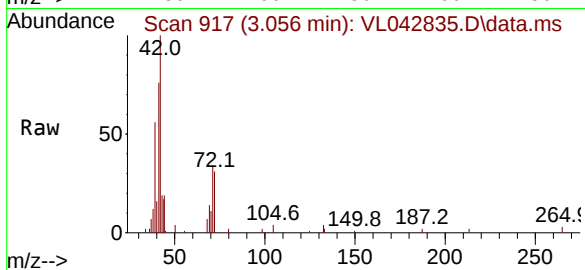
Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	5399
Ion	Ratio	Lower	Upper
42	100		
72	39.5	29.4	44.2
71	34.0	27.4	41.0



#42

Bromodichloromethane

Concen: 0.337 ppbv

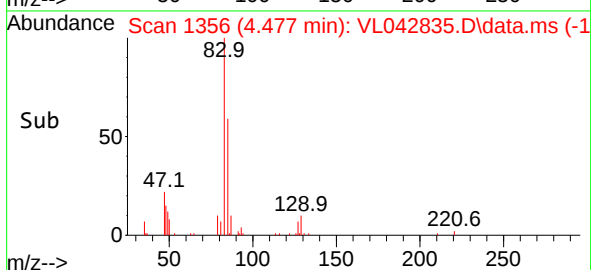
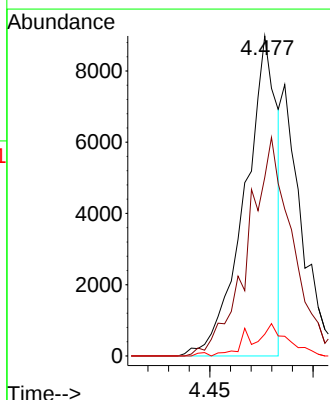
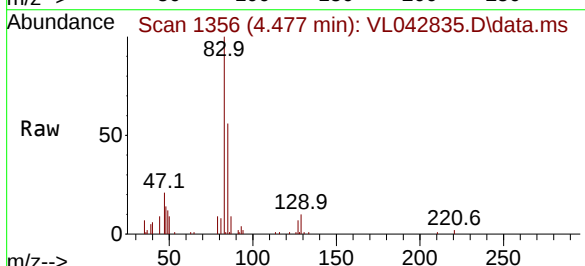
RT: 4.477 min Scan# 1356

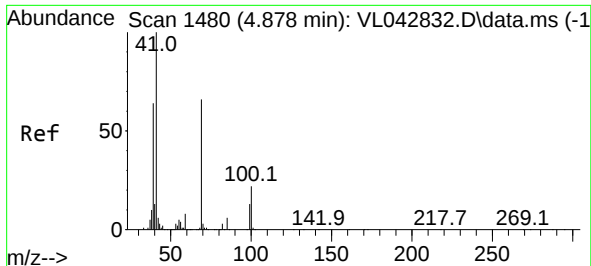
Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Tgt Ion:	83	Resp:	9772
Ion	Ratio	Lower	Upper
83	100		
85	55.8	50.5	75.7
127	6.8	6.2	9.4





#43

Methyl Methacrylate

Concen: 0.071 ppbv

RT: 4.875 min Scan# 1480

Delta R.T. -0.003 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

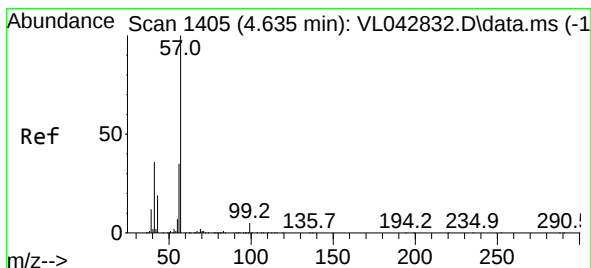
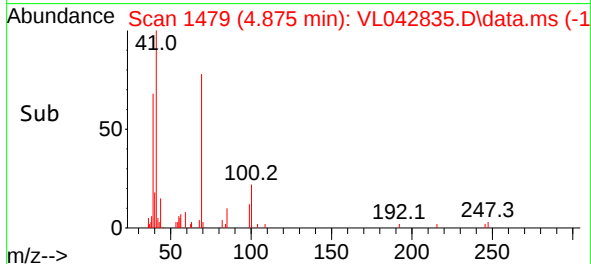
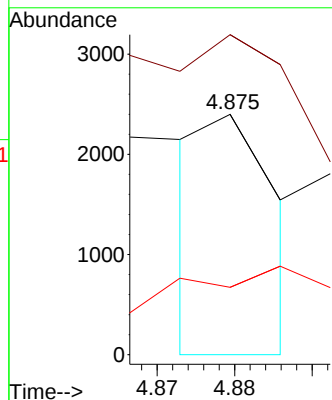
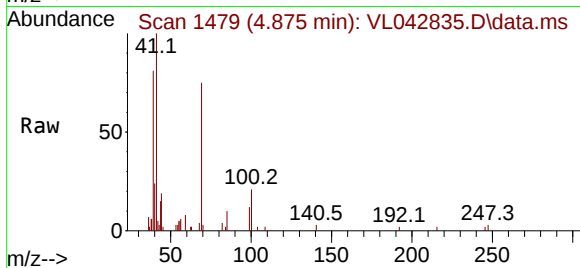
Tgt Ion: 69 Resp: 765

Ion Ratio Lower Upper

69 100

41 923.0 125.6 188.4#

100 225.8 27.4 41.2#



#44

2,2,4-Trimethylpentane

Concen: 0.437 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

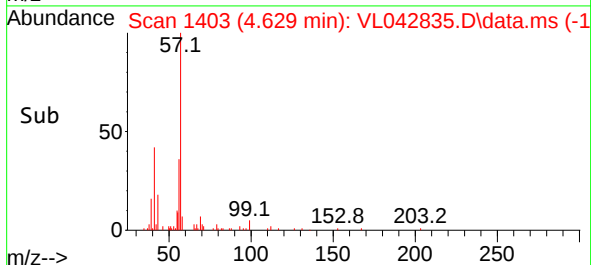
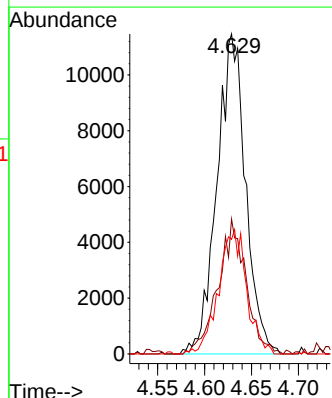
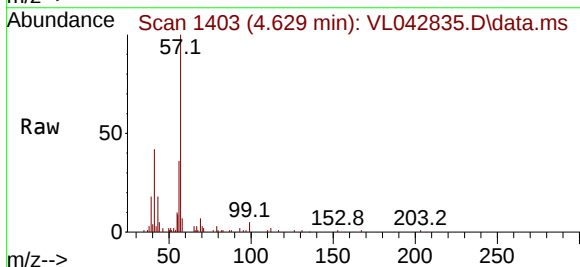
Tgt Ion: 57 Resp: 24296

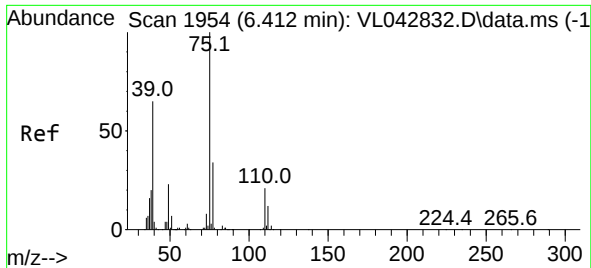
Ion Ratio Lower Upper

57 100

41 41.4 28.7 43.1

56 38.4 26.6 39.8

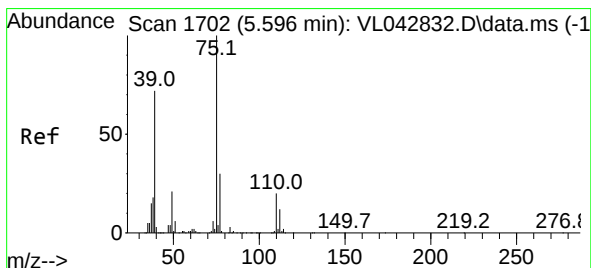
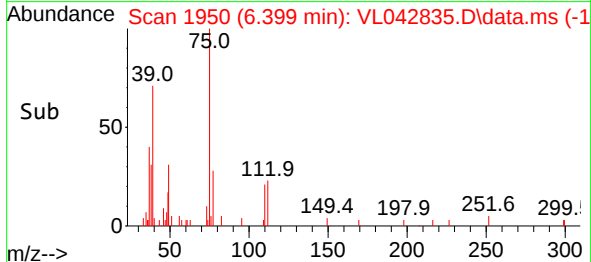
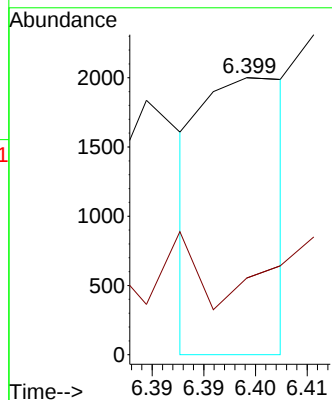
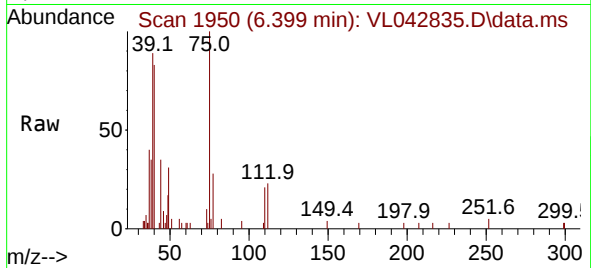




#45
t-1,3-Dichloropropene
Concen: 0.095 ppbv
RT: 6.399 min Scan# 1954
Delta R.T. -0.013 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

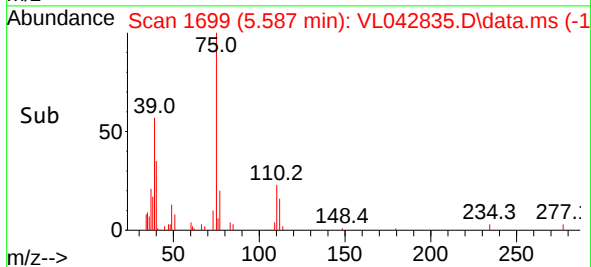
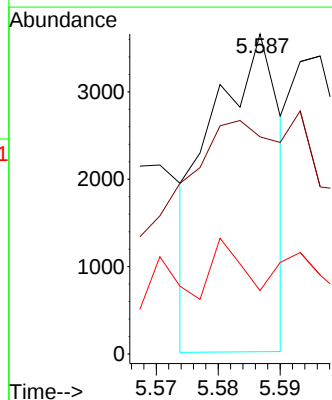
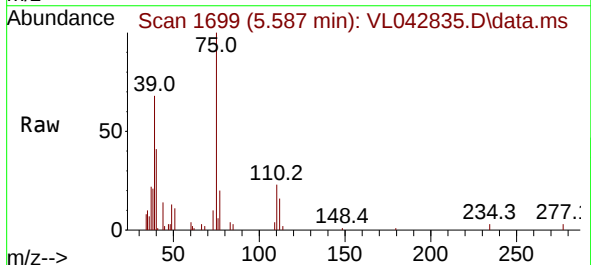
Instrument :
MSVOA_L
ClientSampleId :

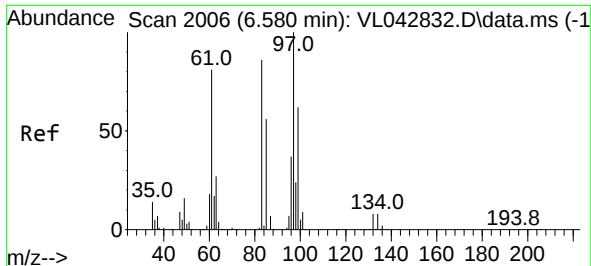
Tgt Ion: 75 Resp: 1142
Ion Ratio Lower Upper
75 100
77 27.7 26.9 40.3



#46
cis-1,3-Dichloropropene
Concen: 0.176 ppbv
RT: 5.587 min Scan# 1699
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

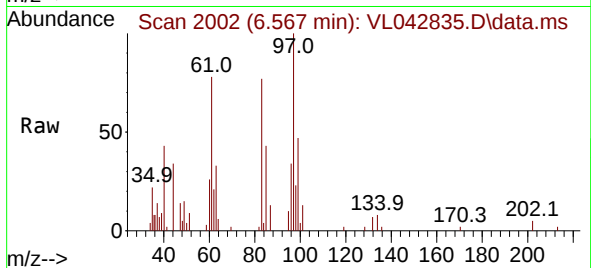
Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
39 31.2 57.6 86.4#
77 0.0 23.6 35.4#



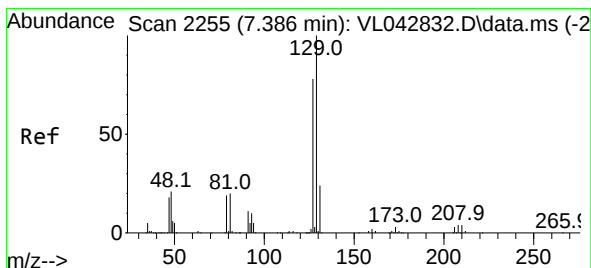
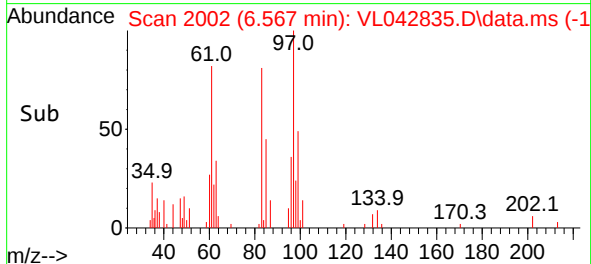
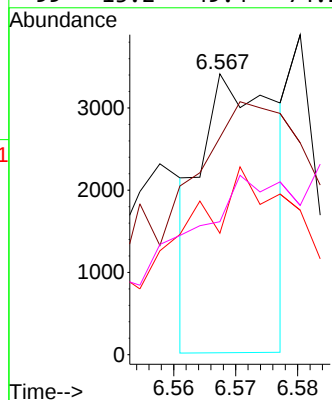


#47
1,1,2-Trichloroethane
Concen: 0.202 ppbv
RT: 6.567 min Scan# 2006
Delta R.T. -0.013 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :

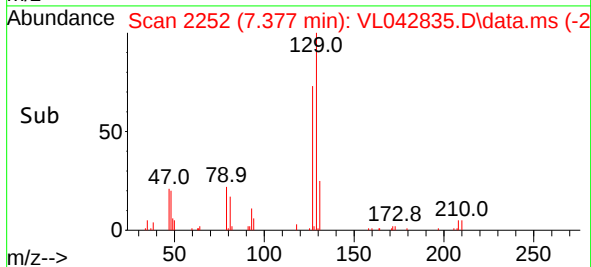
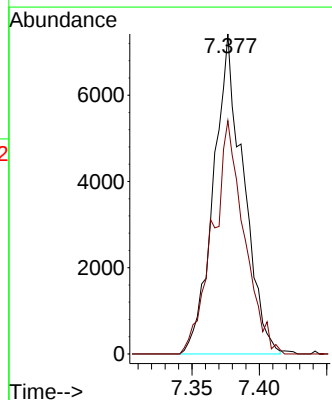
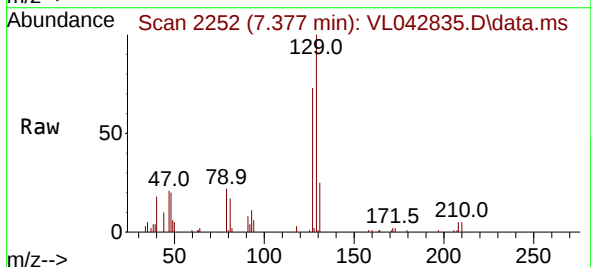


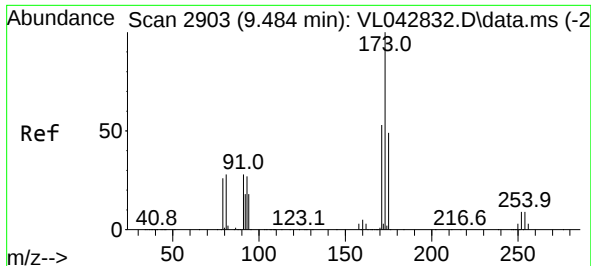
Tgt Ion: 97 Resp: 2849
Ion Ratio Lower Upper
97 100
83 46.6 68.5 102.7#
85 1.3 44.4 66.6#
99 13.2 49.4 74.2#



#48
Dibromochloromethane
Concen: 0.499 ppbv
RT: 7.377 min Scan# 2252
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 129 Resp: 11441
Ion Ratio Lower Upper
129 100
127 76.4 39.8 119.3

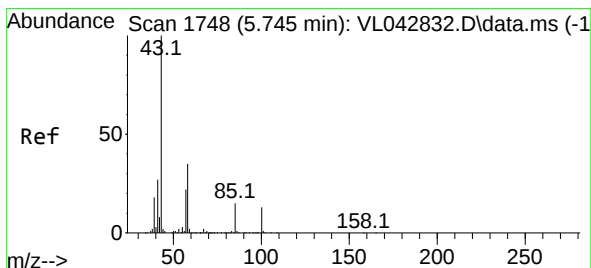
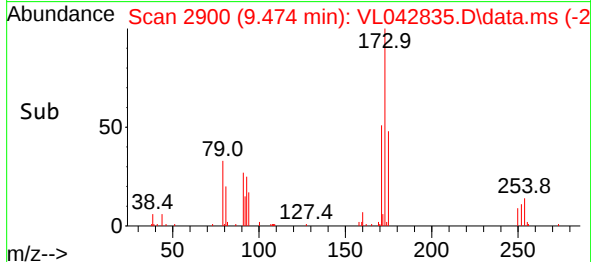
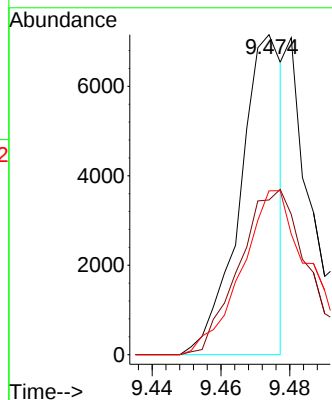
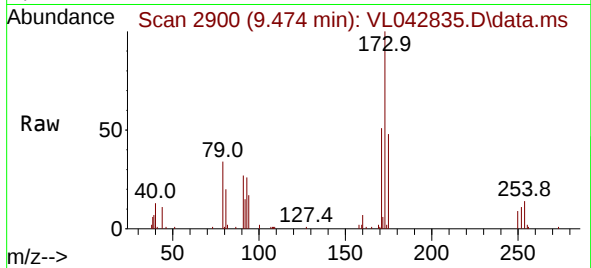




#49
Bromoform
Concen: 0.305 ppbv
RT: 9.474 min Scan# 2903
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

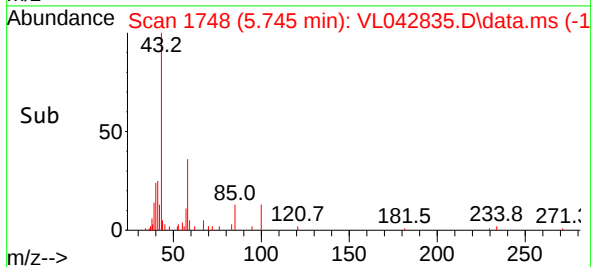
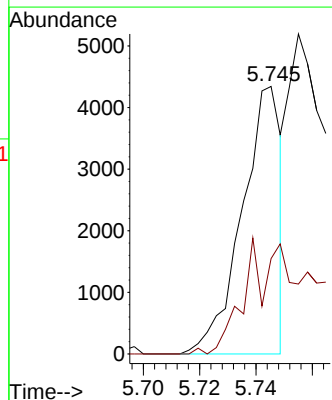
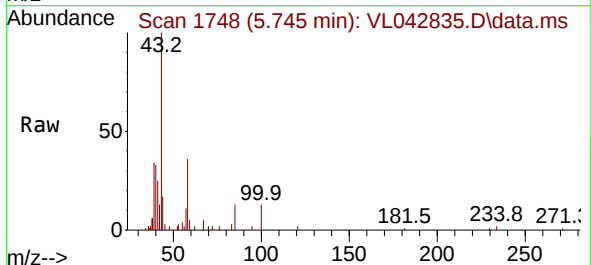
Instrument :
MSVOA_L
ClientSampleId :

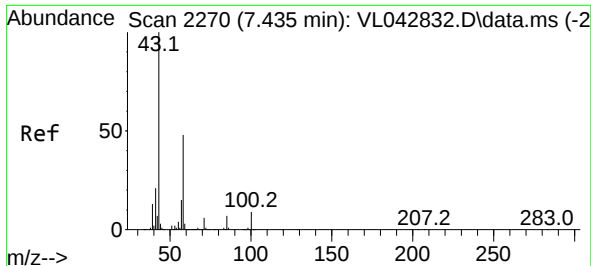
Tgt Ion:173 Resp: 6126
Ion Ratio Lower Upper
173 100
175 0.0 39.4 59.0#
171 0.0 41.4 62.0#



#50
4-Methyl-2-Pentanone
Concen: 0.140 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
58 95.3 26.7 40.1#

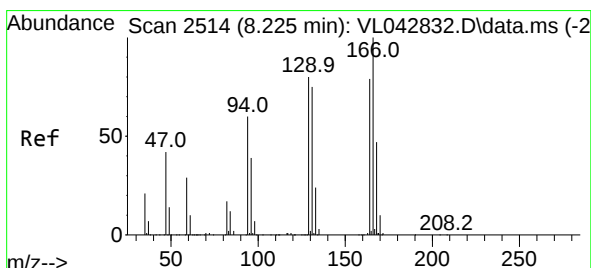
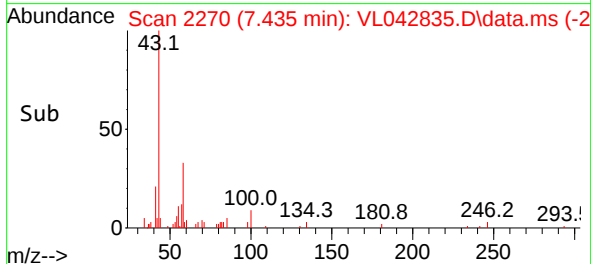
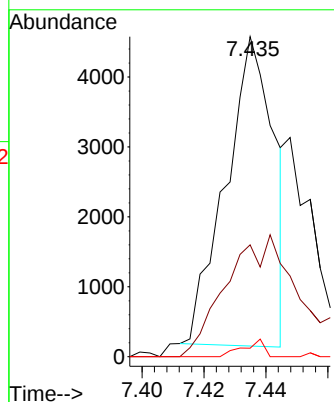
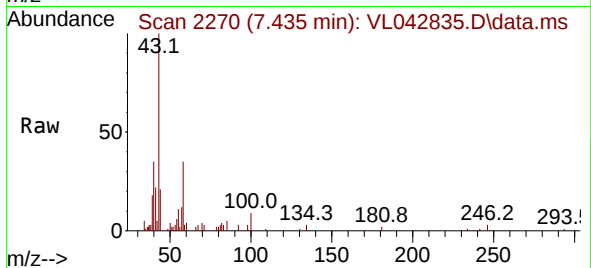




#51
2-Hexanone
Concen: 0.217 ppbv
RT: 7.435 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

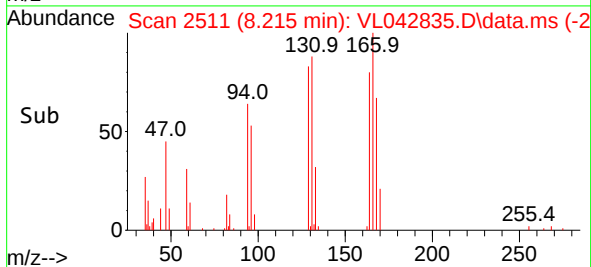
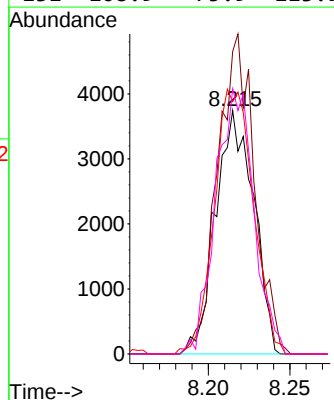
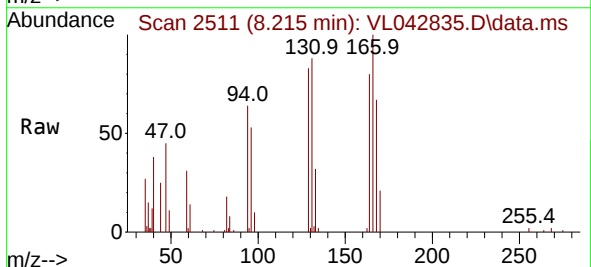
Instrument :
MSVOA_L
ClientSampleId :

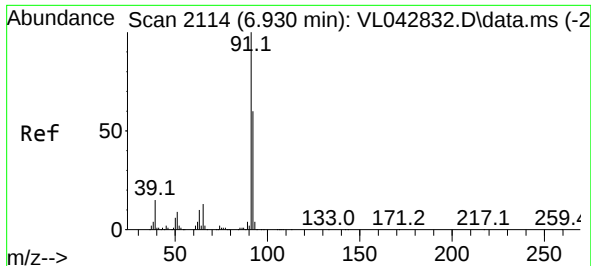
Tgt Ion: 43 Resp: 4782
Ion Ratio Lower Upper
43 100
58 62.8 36.6 54.8#
98 2.6 0.8 1.2#



#52
Tetrachloroethene
Concen: 0.491 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 164 Resp: 6087
Ion Ratio Lower Upper
164 100
166 124.4 101.0 151.4
129 101.5 80.9 121.3
131 108.9 75.9 113.9

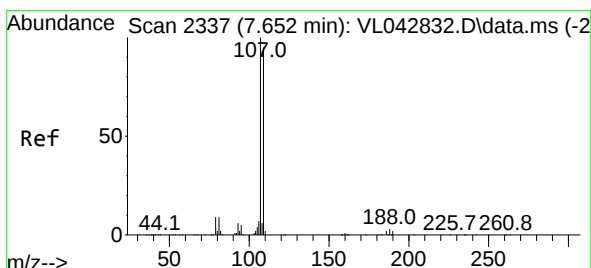
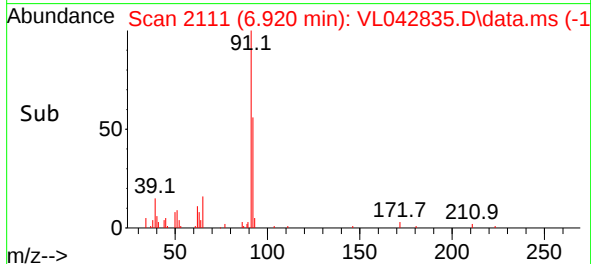
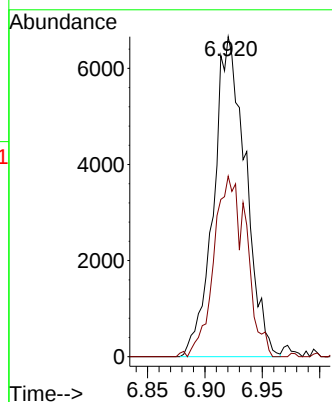
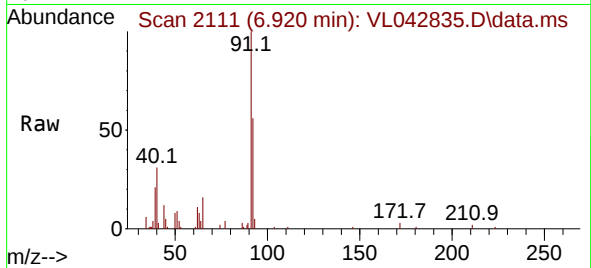




#53
Toluene
Concen: 0.410 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

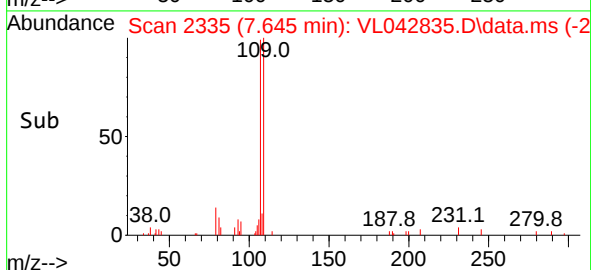
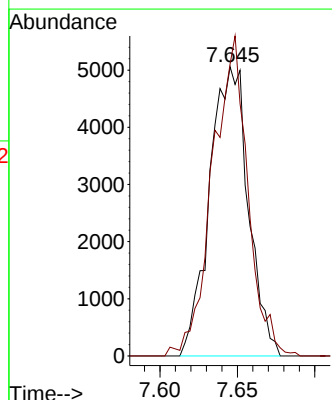
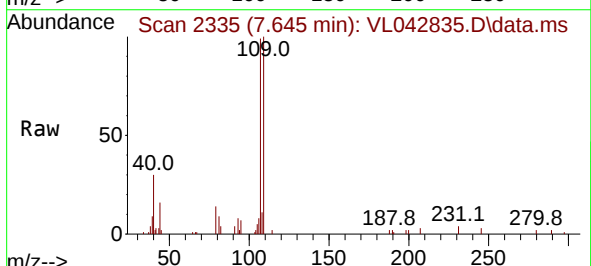
Instrument :
MSVOA_L
ClientSampleId :

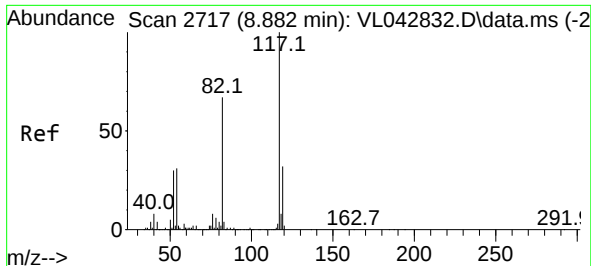
Tgt Ion: 91 Resp: 12871
Ion Ratio Lower Upper
91 100
92 57.8 47.8 71.8



#54
1,2-Dibromoethane
Concen: 0.466 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 107 Resp: 8833
Ion Ratio Lower Upper
107 100
109 99.1 75.7 113.5

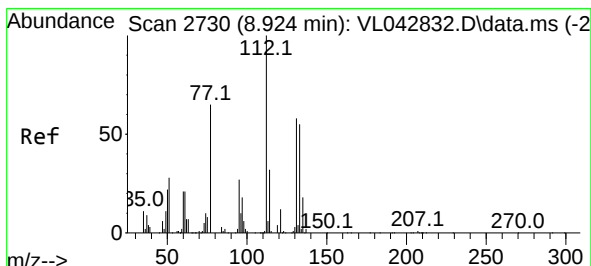
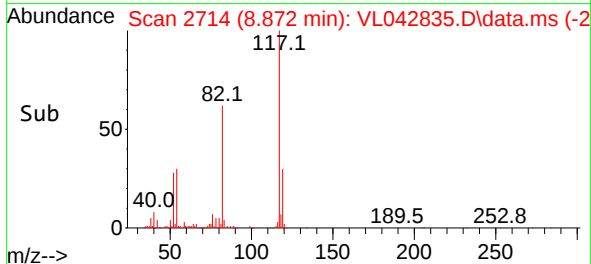
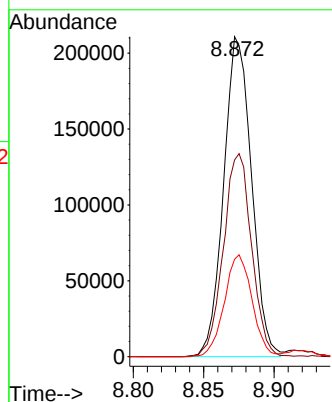
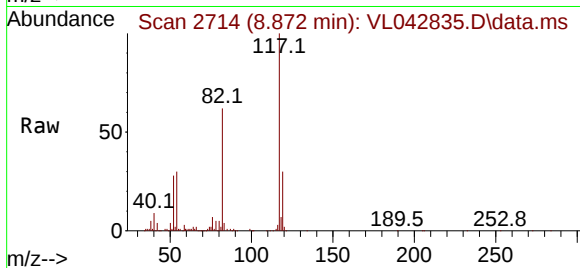




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

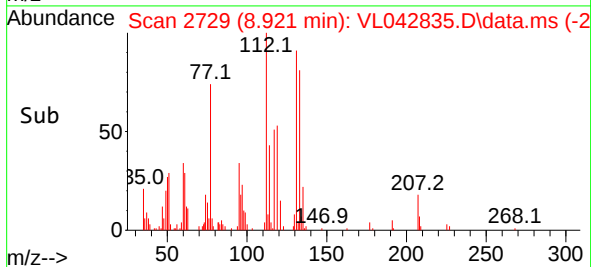
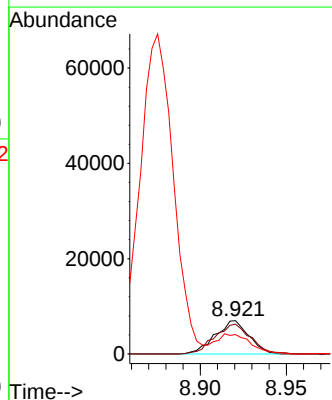
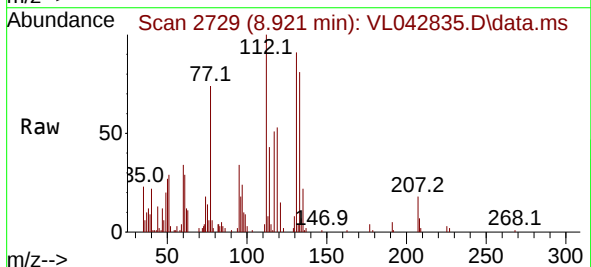
Instrument :
MSVOA_L
ClientSampleId :

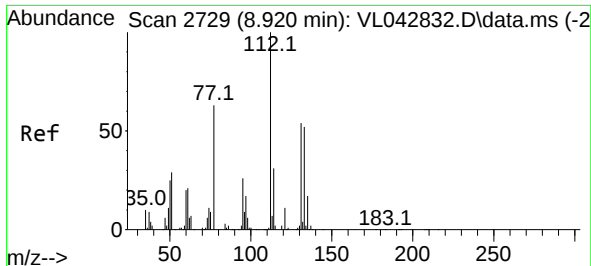
Tgt Ion:117 Resp: 290659
Ion Ratio Lower Upper
117 100
82 64.4 55.7 83.5
119 33.6 26.7 40.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.531 ppbv
RT: 8.921 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

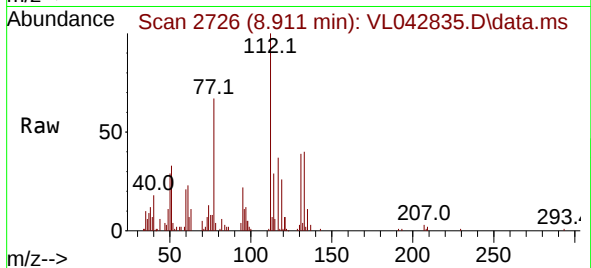
Tgt Ion:131 Resp: 9491
Ion Ratio Lower Upper
131 100
133 95.9 77.0 115.6
119 1030.9 50.5 75.7#



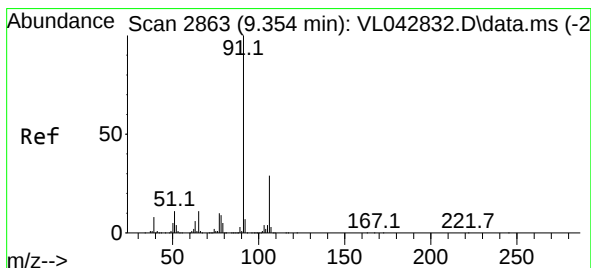
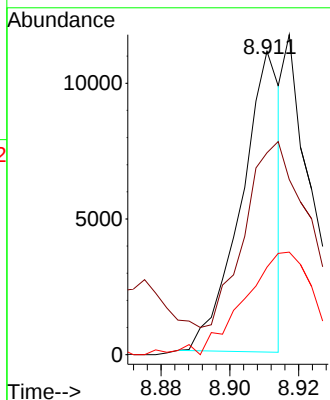
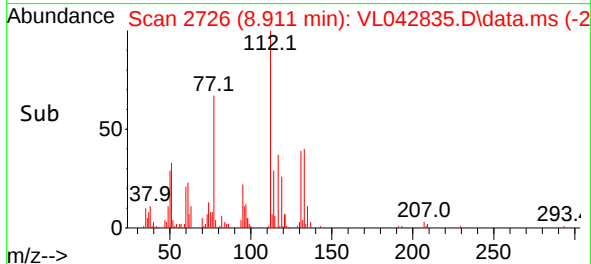


#57
Chlorobenzene
Concen: 0.283 ppbv
RT: 8.911 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :

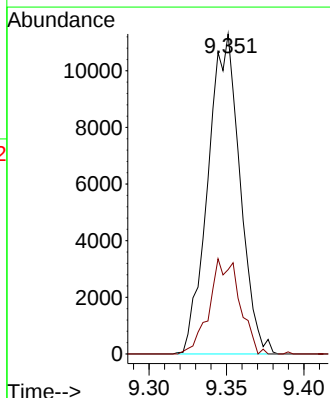
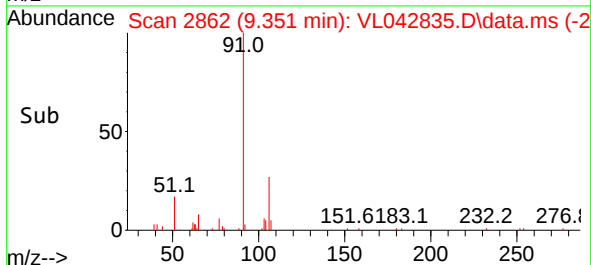
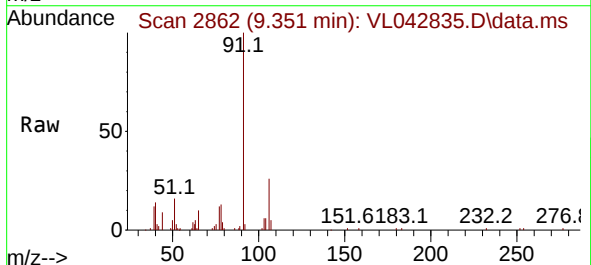


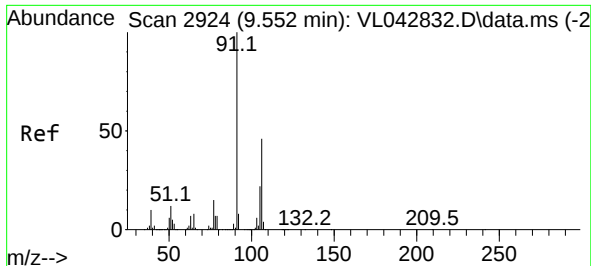
Tgt Ion: 112 Resp: 8760
Ion Ratio Lower Upper
112 100
77 56.0 51.5 77.3
114 34.3 28.3 34.5



#58
Ethyl Benzene
Concen: 0.384 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 91 Resp: 16200
Ion Ratio Lower Upper
91 100
106 26.4 23.4 35.2





#59

m/p-Xylene

Concen: 0.284 ppbv

RT: 9.542 min Scan# 2924

Delta R.T. -0.010 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

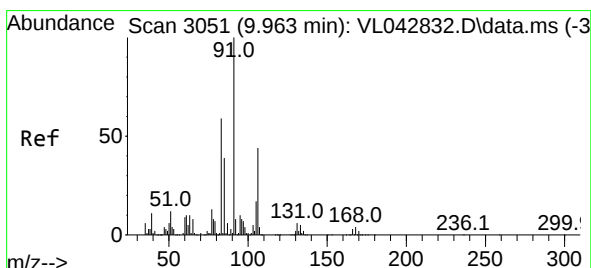
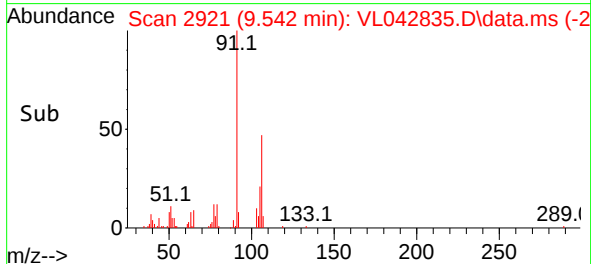
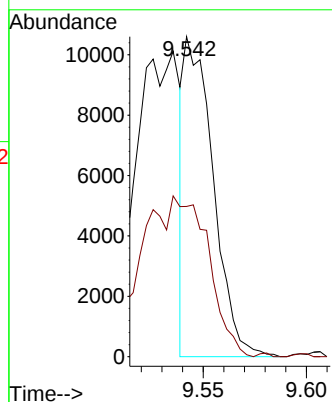
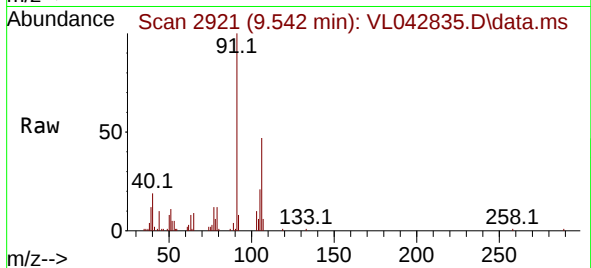
ClientSampleId :

Tgt Ion: 91 Resp: 10330

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.355 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.006 min

Lab File: VL042835.D

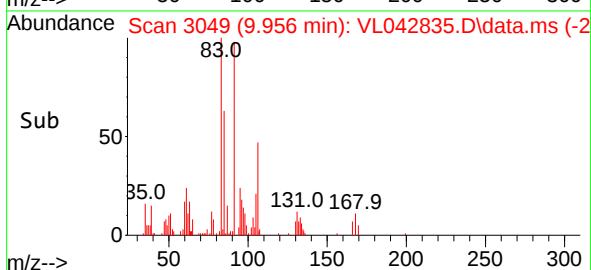
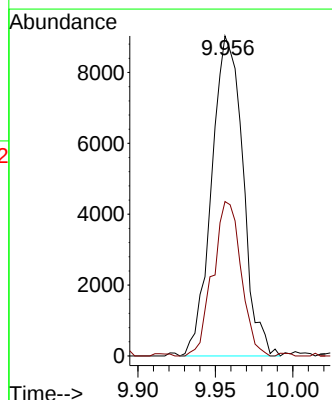
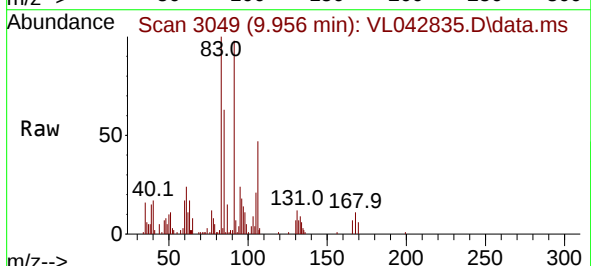
Acq: 11 Aug 2025 10:23

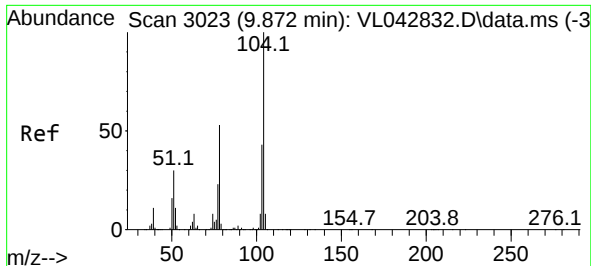
Tgt Ion: 91 Resp: 12690

Ion Ratio Lower Upper

91 100

106 44.3 21.9 65.7

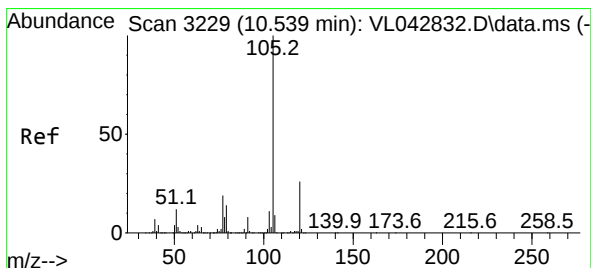
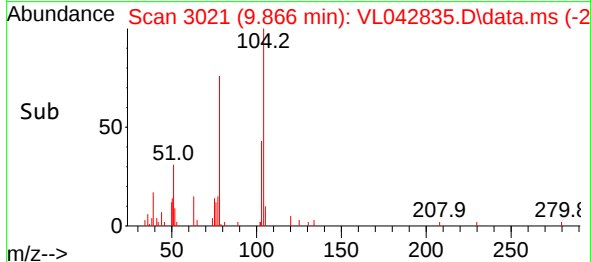
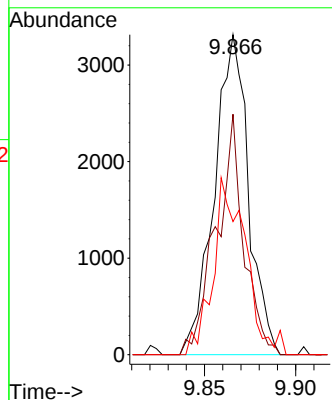
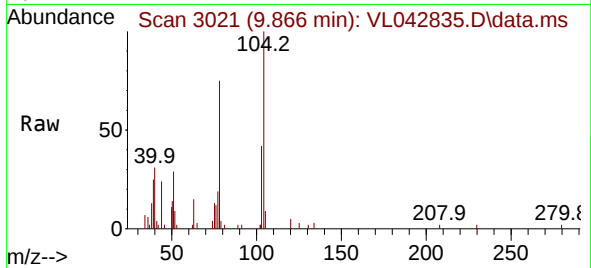




#61
Styrene
Concen: 0.848 ppbv
RT: 9.866 min Scan# 3023
Delta R.T. -0.006 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

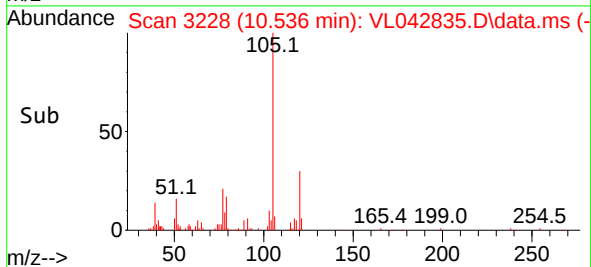
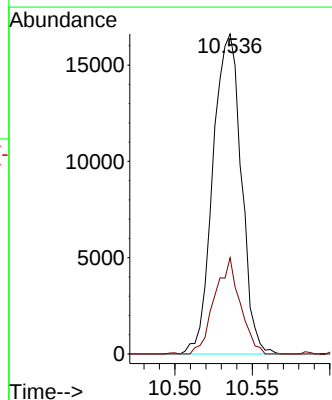
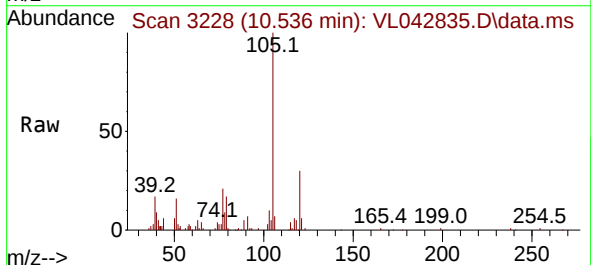
Instrument :
MSVOA_L
ClientSampleId :

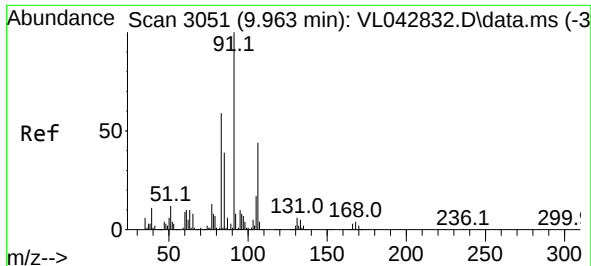
Tgt Ion:104 Resp: 4319
Ion Ratio Lower Upper
104 100
78 60.9 41.4 62.2
103 52.7 36.9 55.3



#62
Isopropylbenzene
Concen: 0.391 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion:105 Resp: 21175
Ion Ratio Lower Upper
105 100
120 27.1 20.4 30.6

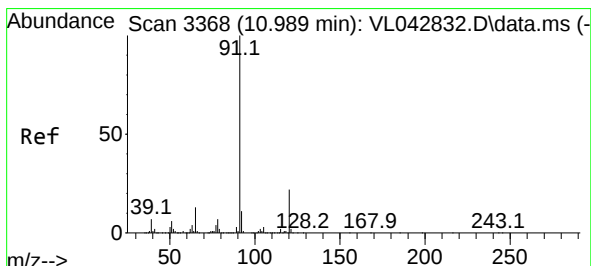
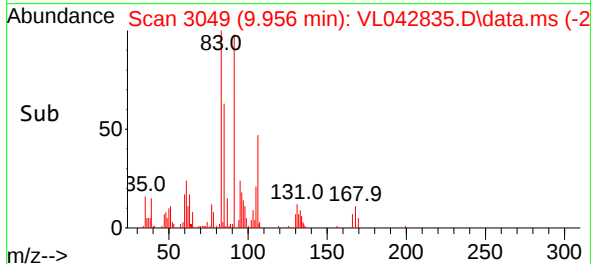
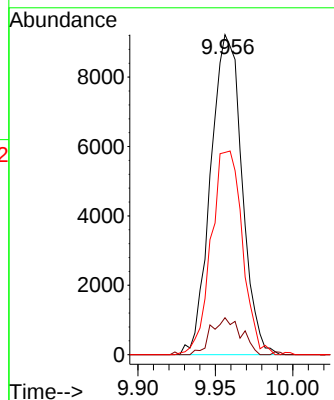
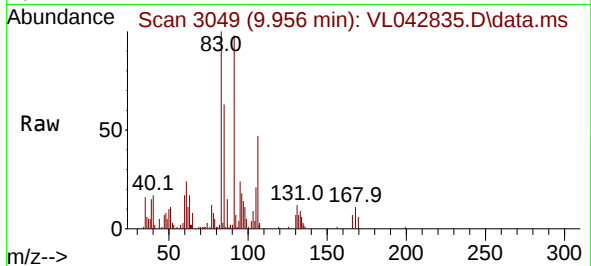




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.487 ppbv
 RT: 9.956 min Scan# 3051
 Delta R.T. -0.006 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

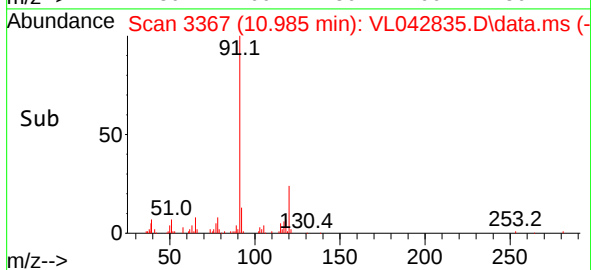
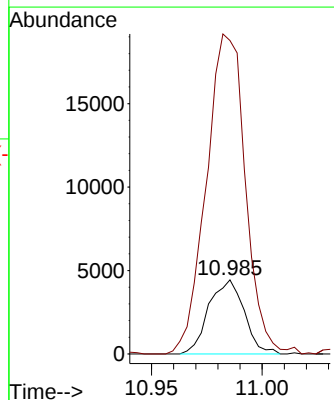
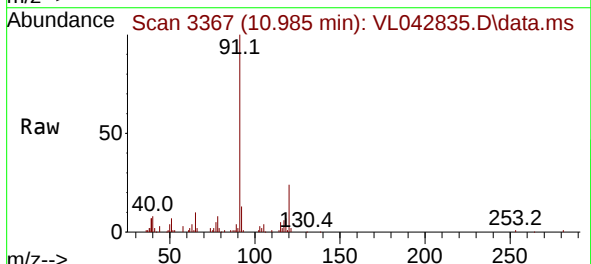
Instrument :
 MSVOA_L
 ClientSampleId :

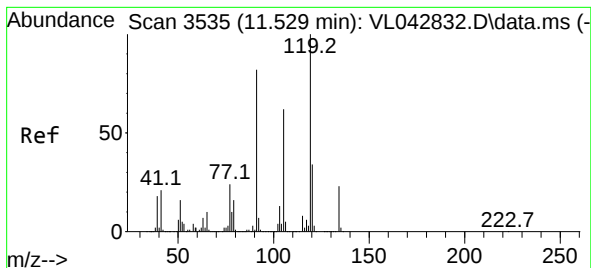
Tgt Ion: 83 Resp: 12963
 Ion Ratio Lower Upper
 83 100
 131 11.5 4.9 14.6
 85 63.6 32.6 97.8



#64
 n-propylbenzene
 Concen: 0.352 ppbv
 RT: 10.985 min Scan# 3367
 Delta R.T. -0.003 min
 Lab File: VL042835.D
 Acq: 11 Aug 2025 10:23

Tgt Ion: 120 Resp: 4940
 Ion Ratio Lower Upper
 120 100
 91 481.2 379.2 568.8





#65

tert-Butylbenzene

Concen: 0.341 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.000 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

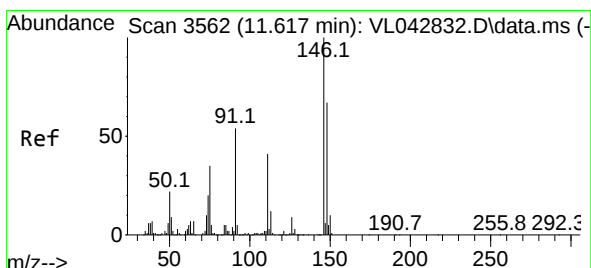
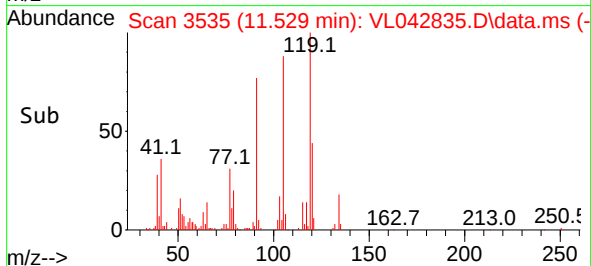
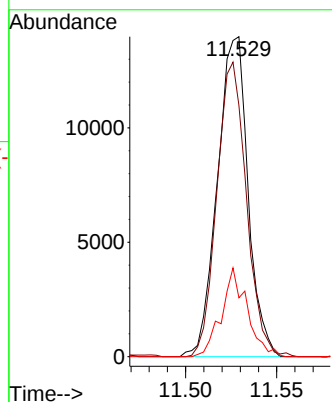
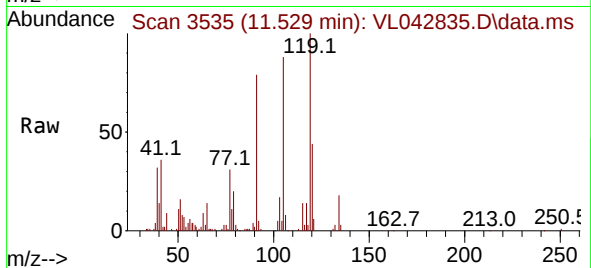
Tgt Ion:119 Resp: 16358

Ion Ratio Lower Upper

119 100

91 89.2 64.6 96.8

134 23.3 17.1 25.7



#66

Benzyl Chloride

Concen: 0.468 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

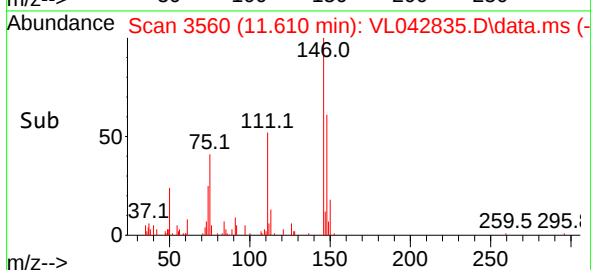
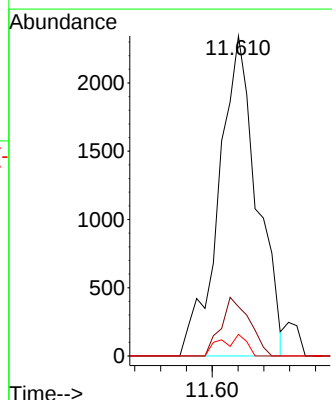
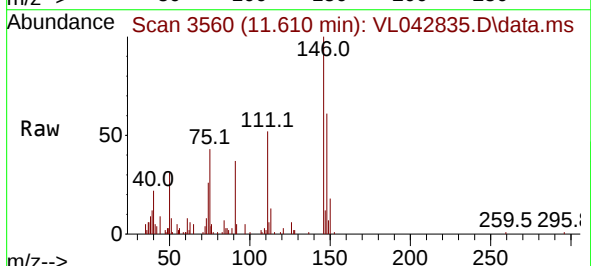
Tgt Ion: 91 Resp: 2403

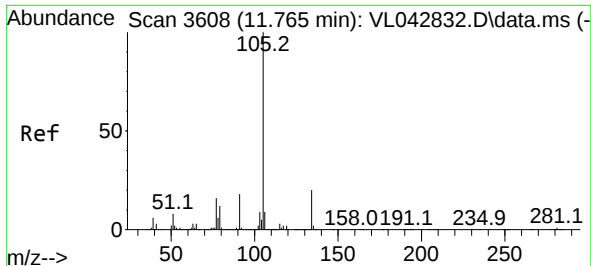
Ion Ratio Lower Upper

91 100

126 13.7 13.6 20.4

128 4.5 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.371 ppbv

RT: 11.765 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

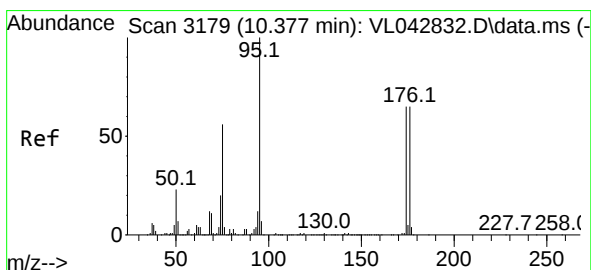
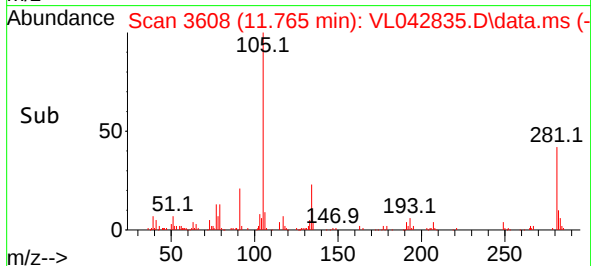
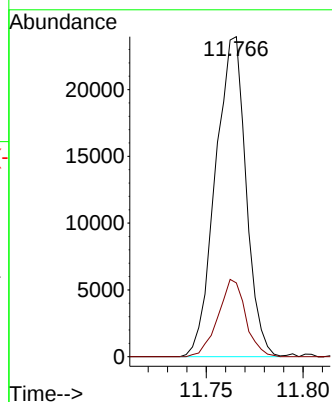
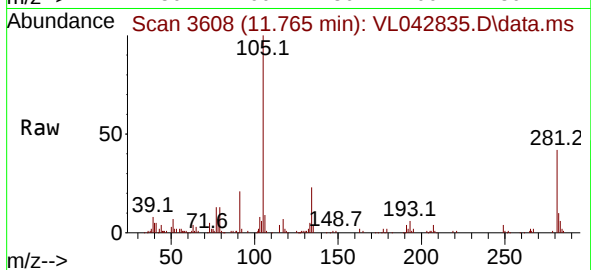
ClientSampleId :

Tgt Ion:105 Resp: 26279

Ion Ratio Lower Upper

105 100

134 21.8 15.7 23.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.878 ppbv

RT: 10.371 min Scan# 3177

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

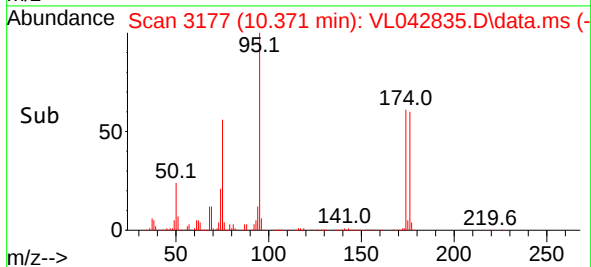
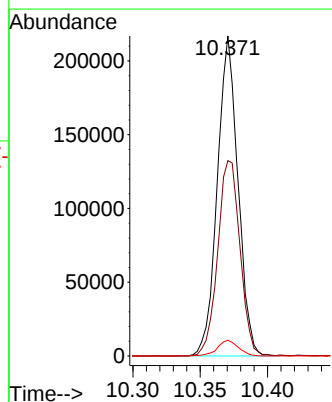
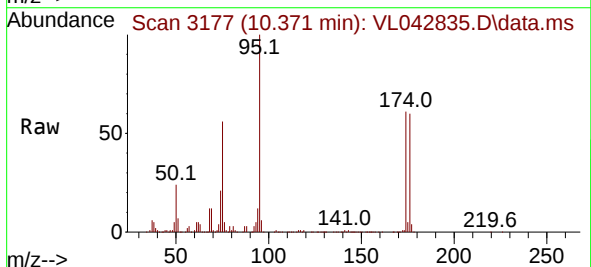
Tgt Ion: 95 Resp: 231392

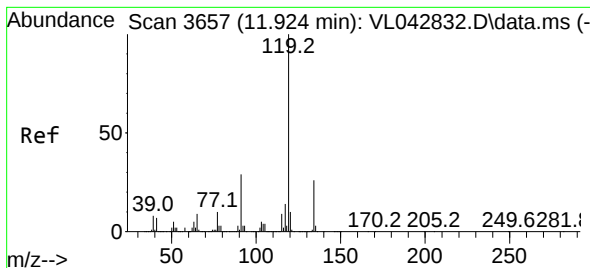
Ion Ratio Lower Upper

95 100

174 66.0 52.6 78.8

175 5.0 3.9 5.9

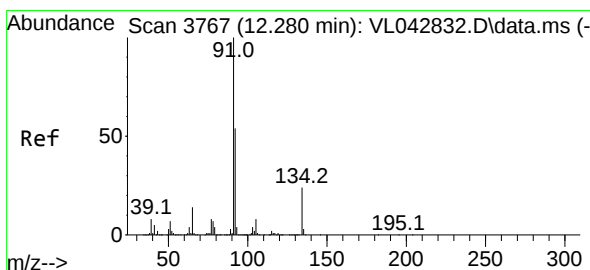
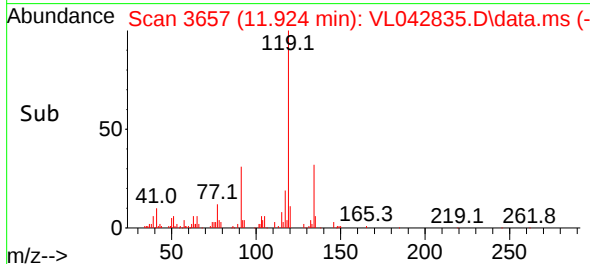
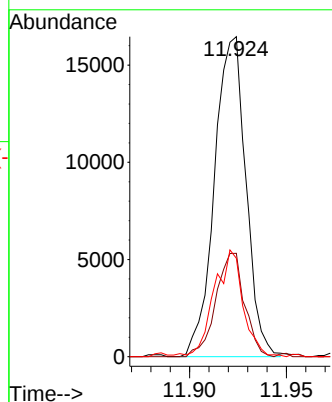
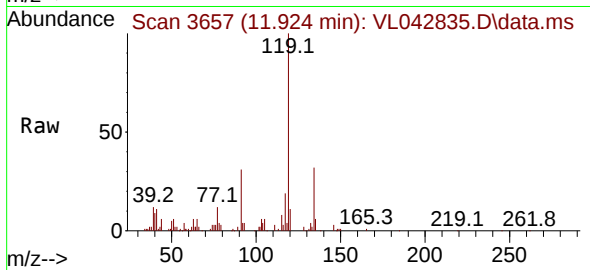




#69
p-Isopropyltoluene
Concen: 0.331 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

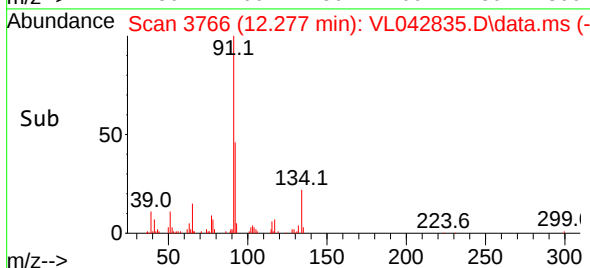
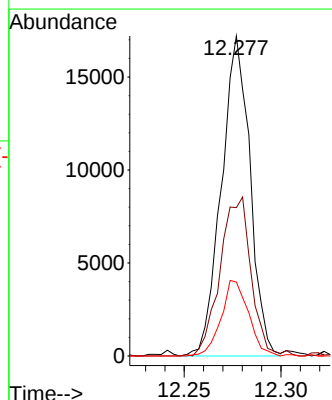
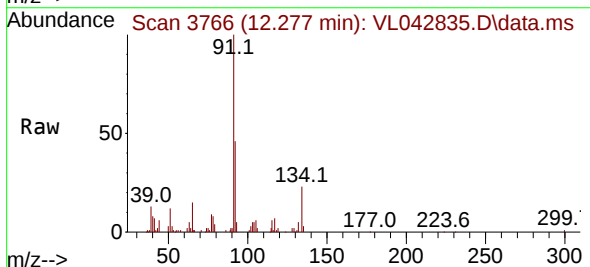
Instrument :
MSVOA_L
ClientSampleId :

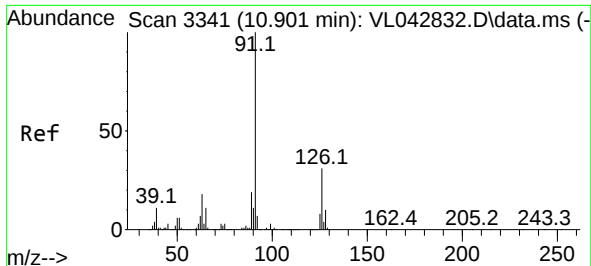
Tgt Ion:119 Resp: 18586
Ion Ratio Lower Upper
119 100
134 29.8 20.5 30.7
91 31.5 23.2 34.8



#70
n-Butylbenzene
Concen: 0.316 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 91 Resp: 17697
Ion Ratio Lower Upper
91 100
92 54.6 43.2 64.8
134 22.8 19.0 28.6

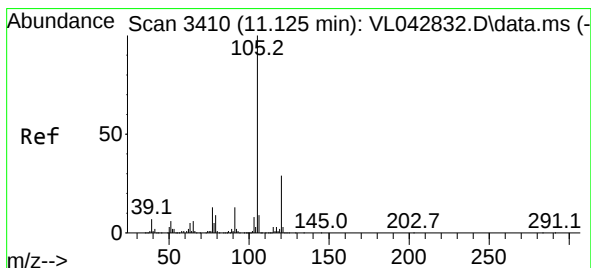
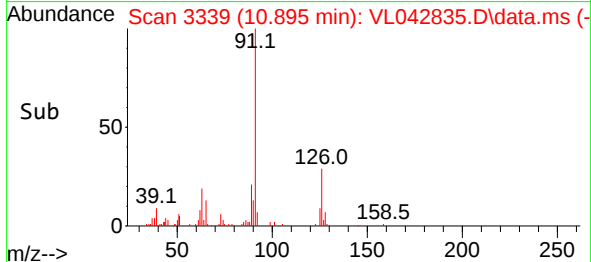
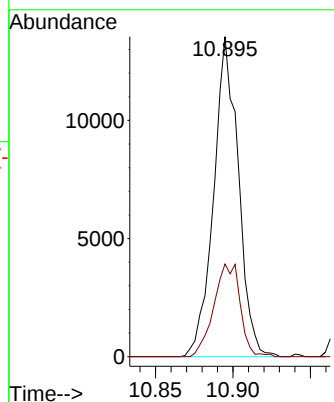
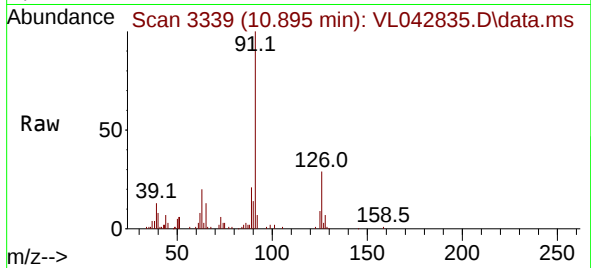




#71
2-Chlorotoluene
Concen: 0.379 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

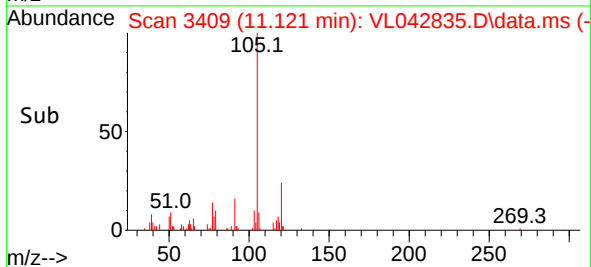
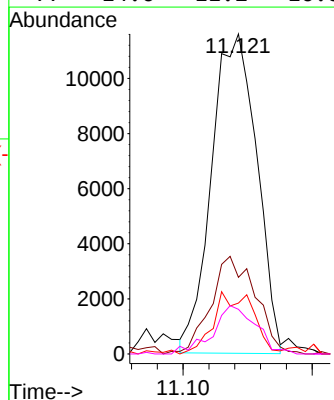
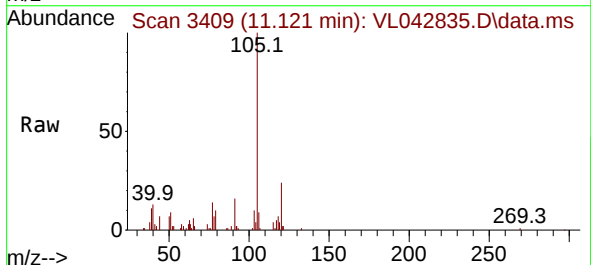
Instrument :
MSVOA_L
ClientSampleId :

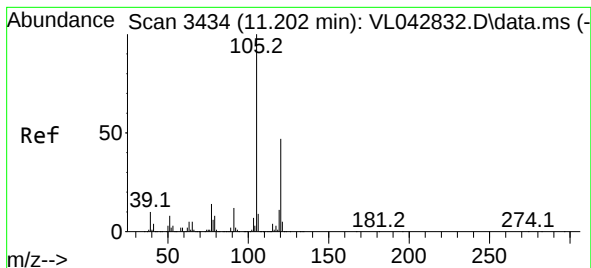
Tgt Ion: 91 Resp: 15050
Ion Ratio Lower Upper
91 100
126 31.0 12.2 48.6



#72
4-Ethyltoluene
Concen: 0.329 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

Tgt Ion: 105 Resp: 14085
Ion Ratio Lower Upper
105 100
120 31.9 23.9 35.9
91 19.1 10.7 16.1#
77 14.6 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 0.329 ppbv

RT: 11.196 min Scan# 34

Delta R.T. -0.006 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

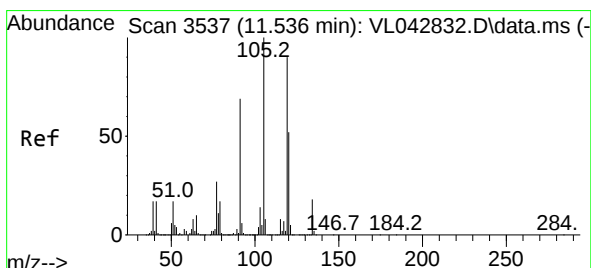
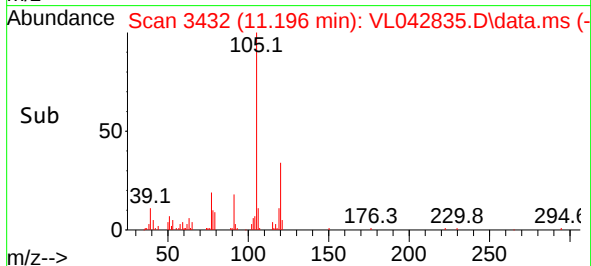
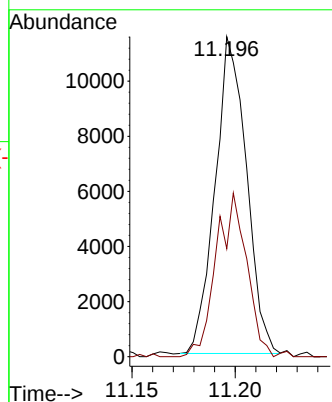
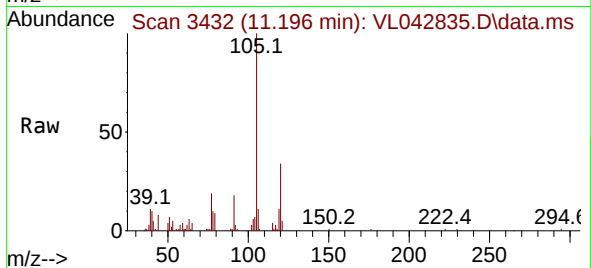
ClientSampleId :

Tgt Ion:105 Resp: 12145

Ion Ratio Lower Upper

105 100

120 34.1 37.8 56.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.347 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Tgt Ion:105 Resp: 15043

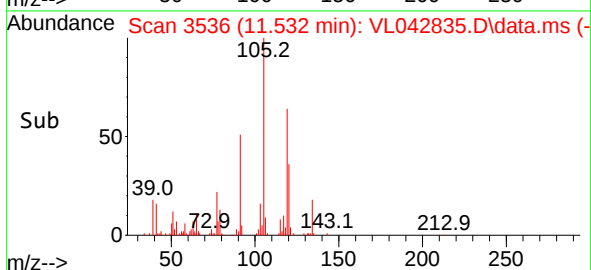
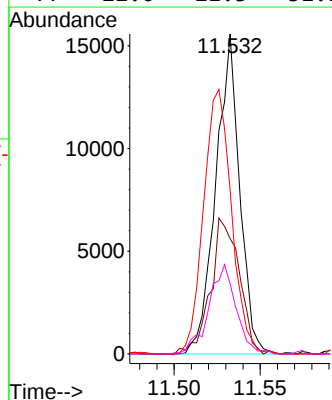
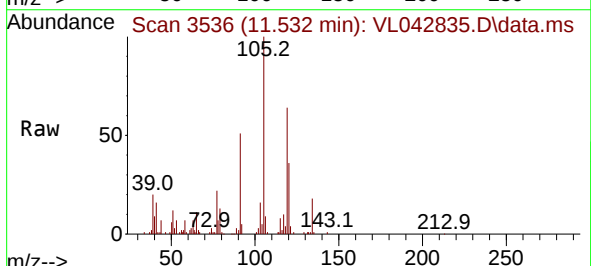
Ion Ratio Lower Upper

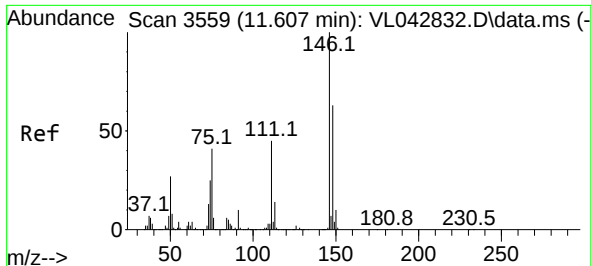
105 100

120 36.1 41.9 62.9#

91 51.3 55.5 83.3#

77 22.0 21.3 31.9

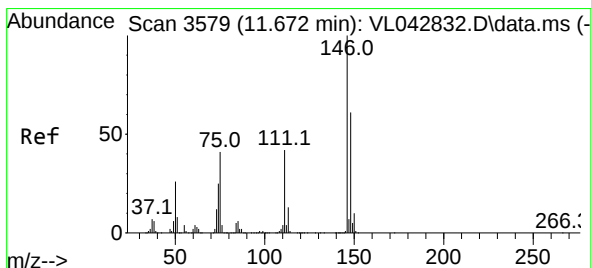
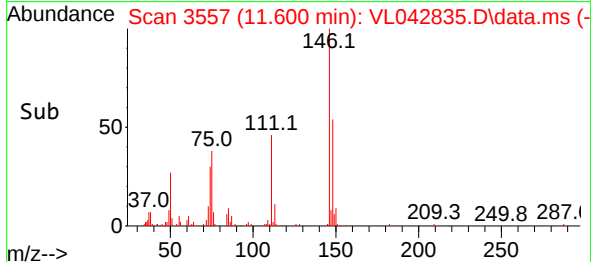
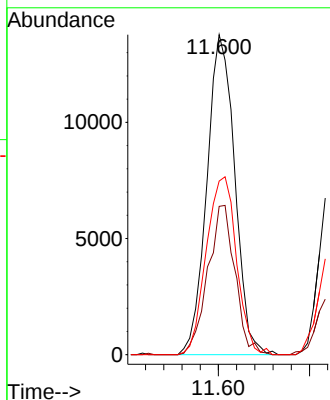
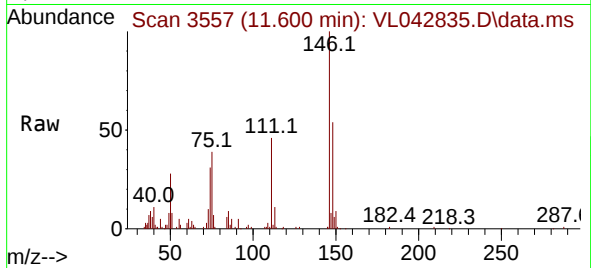




#75
1,3-Dichlorobenzene
Concen: 0.471 ppbv
RT: 11.600 min Scan# 3557
Delta R.T. -0.006 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

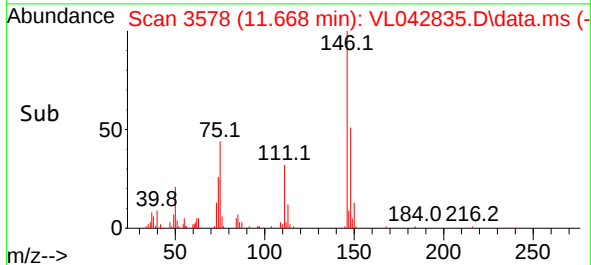
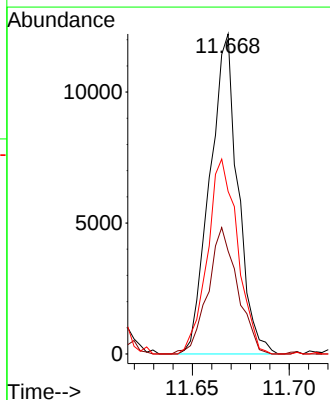
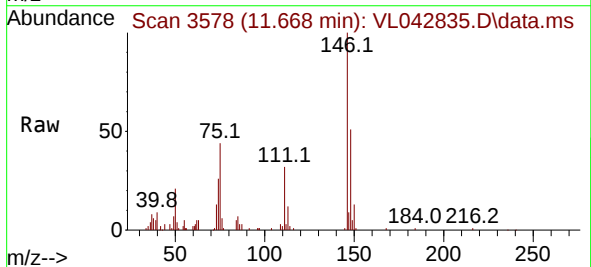
Instrument :
MSVOA_L
ClientSampleId :

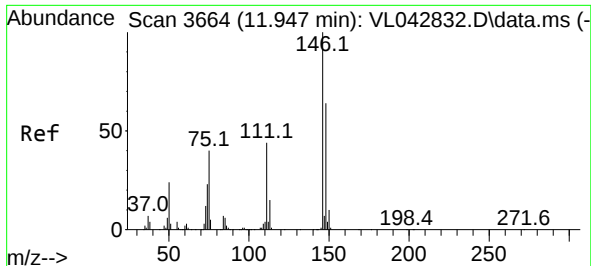
Tgt Ion:146 Resp: 14667
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 60.2 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 0.424 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

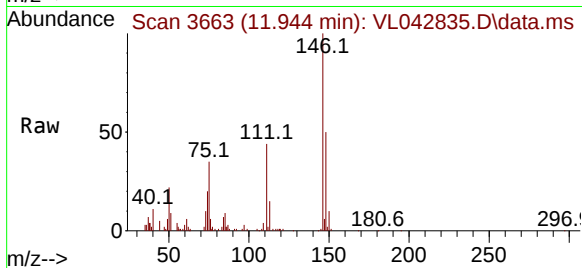
Tgt Ion:146 Resp: 12348
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.1
148 65.6 31.3 93.8



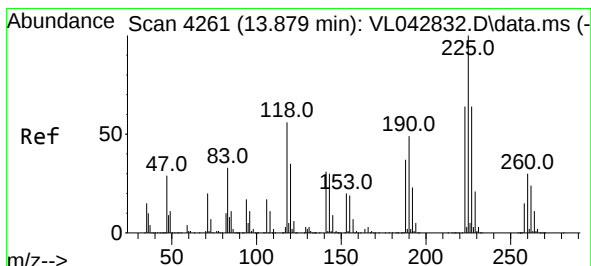
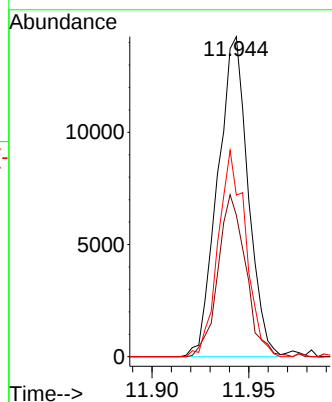
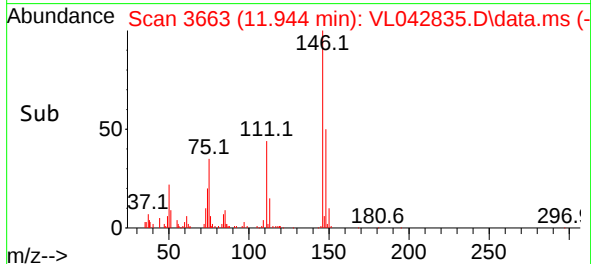


#77
1,2-Dichlorobenzene
Concen: 0.492 ppbv
RT: 11.944 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

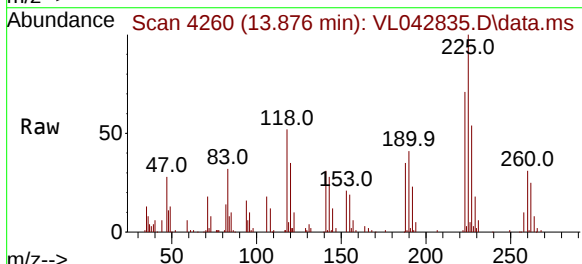
Instrument :
MSVOA_L
ClientSampleId :



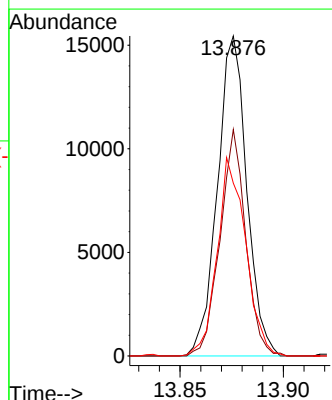
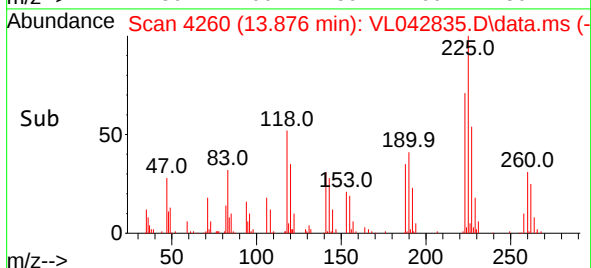
Tgt Ion:146 Resp: 15579
Ion Ratio Lower Upper
146 100
111 46.3 23.2 69.6
148 58.7 31.6 95.0

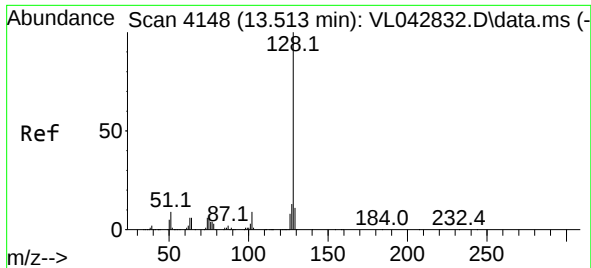


#78
Hexachloro-1,3-Butadiene
Concen: 0.564 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23



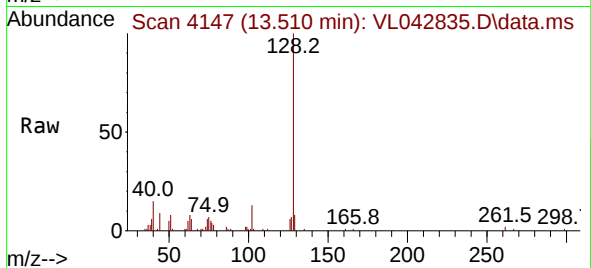
Tgt Ion:225 Resp: 15255
Ion Ratio Lower Upper
225 100
223 61.9 51.1 76.7
227 60.1 50.9 76.3



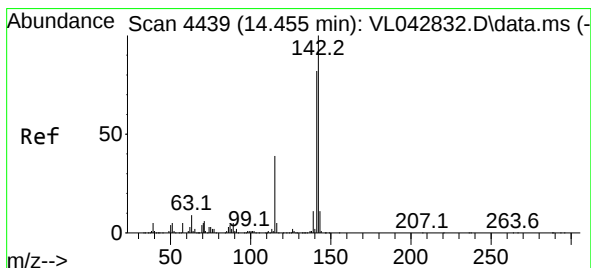
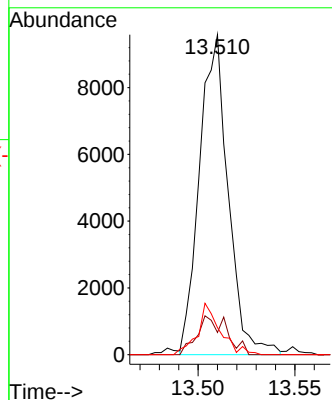
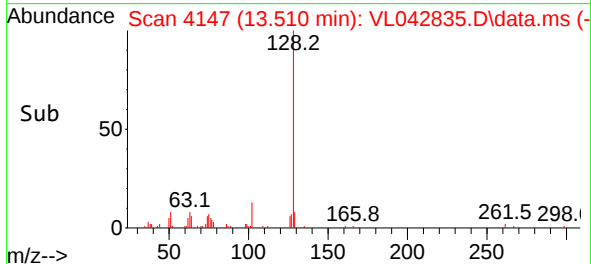


#79
Naphthalene
Concen: 0.329 ppbv
RT: 13.510 min Scan# 4148
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23

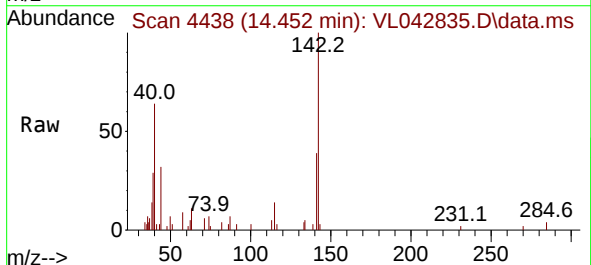
Instrument :
MSVOA_L
ClientSampleId :



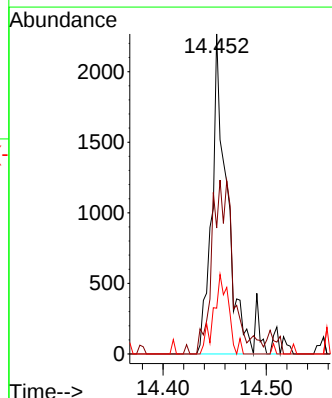
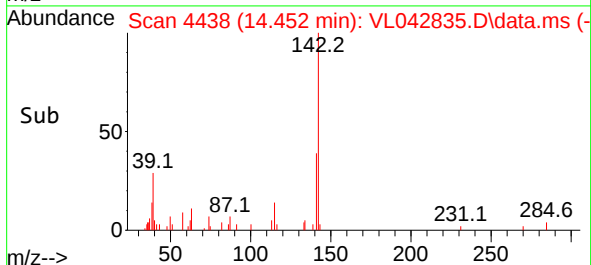
Tgt Ion:128 Resp: 9896
Ion Ratio Lower Upper
128 100
127 7.0 10.6 15.8#
129 8.5 8.9 13.3#

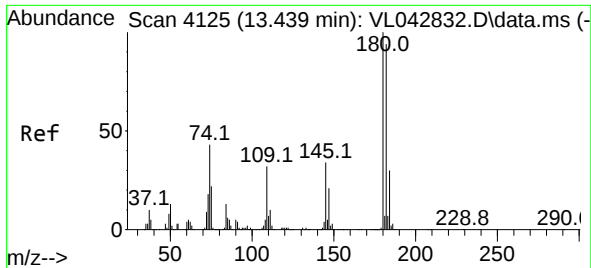


#80
Naphthalene,2-methyl-
Concen: 0.259 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. -0.003 min
Lab File: VL042835.D
Acq: 11 Aug 2025 10:23



Tgt Ion:142 Resp: 2449
Ion Ratio Lower Upper
142 100
141 71.7 66.4 99.6
115 23.2 30.8 46.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.292 ppbv

RT: 13.432 min Scan# 41

Delta R.T. -0.006 min

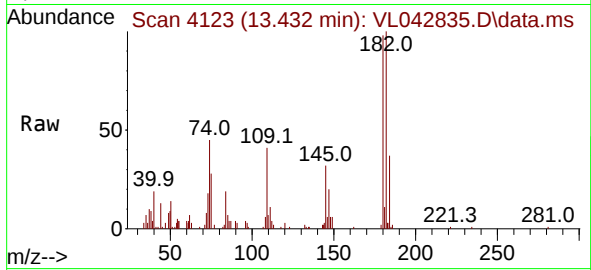
Lab File: VL042835.D

Acq: 11 Aug 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	180	Resp:	6014
Ion	Ratio	Lower	Upper
180	100		
182	103.0	76.4	114.6
184	35.5	24.0	36.0

