

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042882.D
 Acq On : 26 Aug 2025 12:58
 Operator : SY/MD
 Sample : VL0826ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01

Quant Time: Aug 27 01:10:26 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	2.787	49	120328	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	335593	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	291587	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	229231	10.482	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	179347	10.170	ppbv	100
3) Chlorodifluoromethane	1.476	51	205382	10.536	ppbv	100
4) Chloromethane	1.531	50	68216	9.586	ppbv	95
5) Vinyl Chloride	1.580	62	63448	9.053	ppbv	98
6) Bromomethane	1.667	94	26088	9.309	ppbv	93
7) Chloroethane	1.703	64	25112	9.175	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	146504	10.152	ppbv	96
9) Propene	1.483	41	76820	9.125	ppbv	99
10) Heptane	4.982	43	212002	9.403	ppbv	99
11) Trichlorofluoromethane	1.878	101	173505	9.972	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	136502	9.843	ppbv	97
13) Ethanol	1.722	45	5945	7.724	ppbv	96
14) Bromoethene	1.781	108	49464	9.853	ppbv	98
15) Acetone	1.836	43	130343	8.189	ppbv	98
16) 1,3-Butadiene	1.609	39	64056	8.877	ppbv	99
17) tert-Butyl alcohol	2.039	59	160632	8.510	ppbv	98
18) 1,1-Dichloroethene	2.033	96	61599	10.104	ppbv	97
19) Isopropyl Alcohol	1.884	45	83886	8.824	ppbv	99
20) Methylene Chloride	2.062	84	52286	7.842	ppbv	93
21) Allyl Chloride	2.094	41	105652	9.396	ppbv	93
22) trans-1,2-Dichloroethene	2.340	96	69860	9.904	ppbv	96
23) Vinyl Acetate	2.463	43	200780	9.174	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	138380	9.824	ppbv	99
25) Ethyl Acetate	2.836	43	378826	9.834	ppbv	99
26) Hexane	2.826	57	173270	9.744	ppbv	95
27) Carbon Disulfide	2.149	76	171438	9.907	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	80548	8.884	ppbv	91
29) Chloroform	2.849	83	267897	10.552	ppbv	99
30) Cyclohexane	3.855	84	146586	9.403	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	174095	9.802	ppbv	96
32) 1,1,1-Trichloroethane	3.370	97	260552	9.711	ppbv	98
34) 2-Butanone	2.557	43	243779	10.758	ppbv	100
35) Carbon Tetrachloride	3.761	117	258725	11.183	ppbv	98
36) Benzene	3.658	78	344231	10.712	ppbv	98
37) 1,2-Dichloroethane	3.218	62	204516	12.181	ppbv	96
38) Trichloroethene	4.548	130	145016	9.881	ppbv	96
39) 1,2-Dichloropropane	4.315	63	126704	10.795	ppbv	94
40) 1,4-Dioxane	4.580	88	52376	9.385	ppbv #	87
41) Tetrahydrofuran	3.053	42	135743	10.744	ppbv	100
42) Bromodichloromethane	4.493	83	289041	11.553	ppbv	99
43) Methyl Methacrylate	4.878	69	132659	10.021	ppbv	94
44) 2,2,4-Trimethylpentane	4.642	57	575104	10.544	ppbv	98
45) t-1,3-Dichloropropene	6.415	75	150653	10.084	ppbv	99

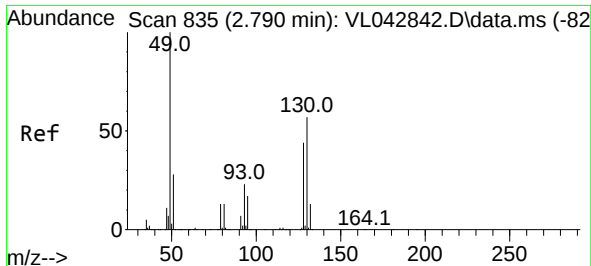
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 Data File : VL042882.D
 Acq On : 26 Aug 2025 12:58
 Operator : SY/MD
 Sample : VL0826ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01

Quant Time: Aug 27 01:10:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.603	75	193603	10.400	ppbv	95
47) 1,1,2-Trichloroethane	6.577	97	60607	4.874	ppbv	95
48) Dibromochloromethane	7.390	129	223261	11.095	ppbv	98
49) Bromoform	9.484	173	177586	10.701	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	331985	10.839	ppbv	98
51) 2-Hexanone	7.441	43	265868	11.031	ppbv #	96
52) Tetrachloroethene	8.228	164	108061	9.295	ppbv	93
53) Toluene	6.936	91	387446	10.141	ppbv	100
54) 1,2-Dibromoethane	7.655	107	196360	10.805	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	164994	10.942	ppbv	97
57) Chlorobenzene	8.924	112	295860	10.671	ppbv	98
58) Ethyl Benzene	9.354	91	550572	10.700	ppbv	97
59) m/p-Xylene	9.536	91	492756	12.217	ppbv #	100
60) o-Xylene	9.966	91	447101	11.020	ppbv	98
61) Styrene	9.875	104	190432	10.018	ppbv	98
62) Isopropylbenzene	10.542	105	631812	10.656	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	246924	11.067	ppbv	100
64) n-propylbenzene	10.992	120	156519	10.346	ppbv	90
65) tert-Butylbenzene	11.533	119	542756	10.384	ppbv	95
66) Benzyl Chloride	11.617	91	46679	7.035	ppbv	97
67) sec-Butylbenzene	11.769	105	786777	10.724	ppbv	98
69) p-Isopropyltoluene	11.927	119	646167	10.259	ppbv	98
70) n-Butylbenzene	12.283	91	684256	10.953	ppbv	97
71) 2-Chlorotoluene	10.901	91	486123	10.559	ppbv	96
72) 4-Ethyltoluene	11.128	105	529149	10.759	ppbv	98
73) 1,3,5-Trimethylbenzene	11.206	105	442121	10.571	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	483783	10.538	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	276403	10.591	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	277642	10.519	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	266369	10.423	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	166586	7.953	ppbv	99
79) Naphthalene	13.513	128	425618	10.226	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	135588	8.718	ppbv	97
81) 1,2,4-Trichlorobenzene	13.442	180	206427	9.868	ppbv	99

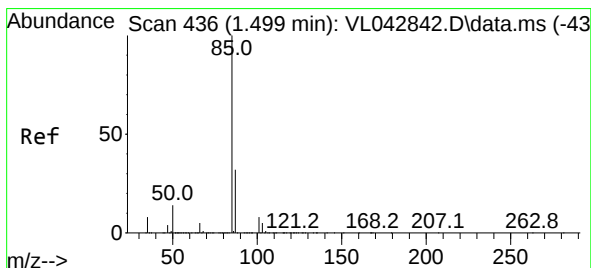
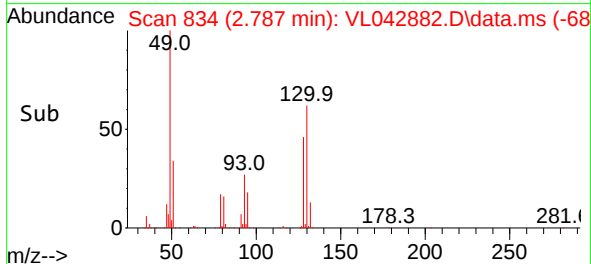
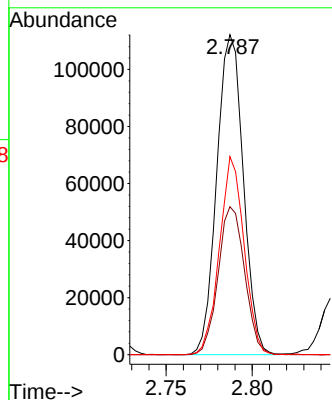
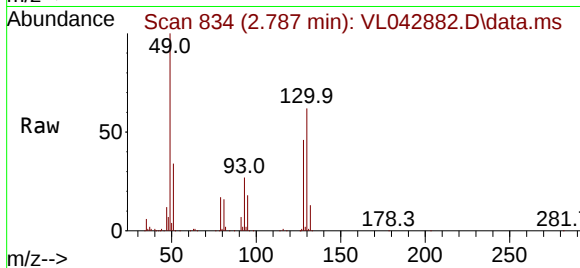
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

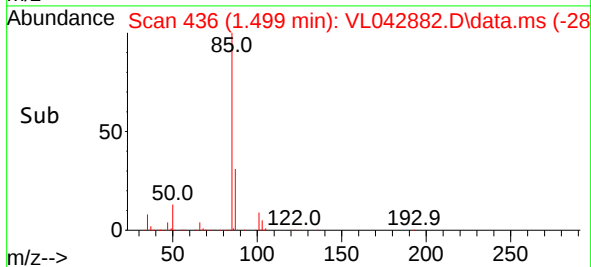
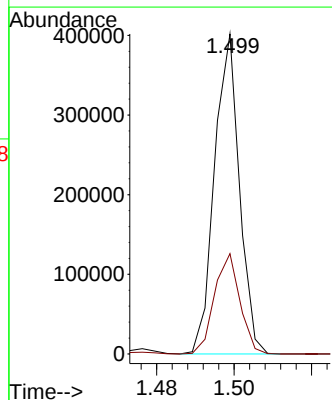
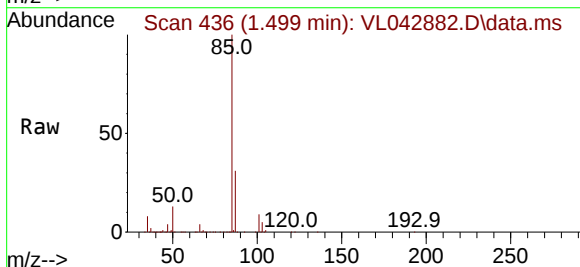
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

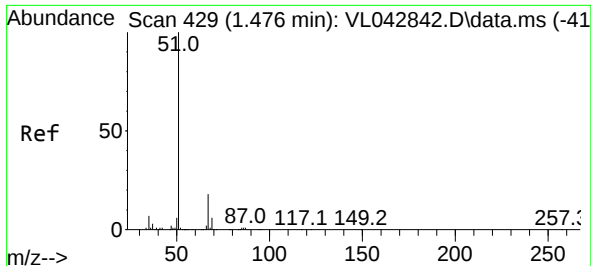
Tgt Ion: 49 Resp: 120328
Ion Ratio Lower Upper
49 100
128 46.1 23.7 71.1
130 57.5 30.6 91.6



#2
Dichlorodifluoromethane
Concen: 10.170 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 85 Resp: 179347
Ion Ratio Lower Upper
85 100
87 31.4 25.3 37.9

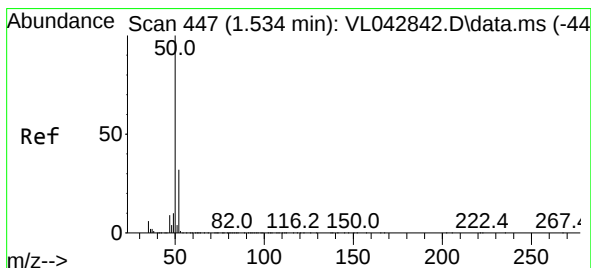
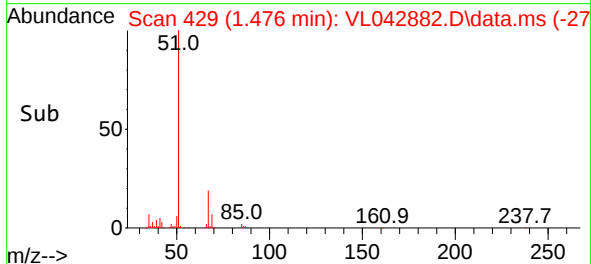
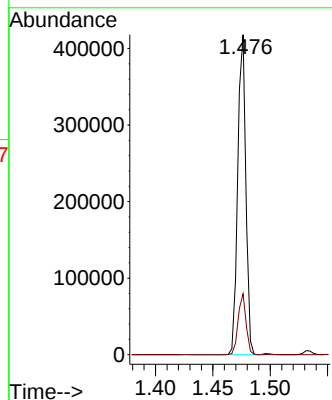
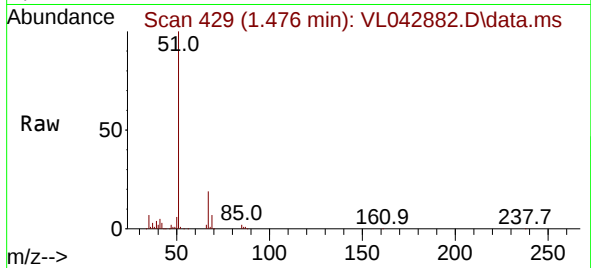




#3
Chlorodifluoromethane
Concen: 10.536 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

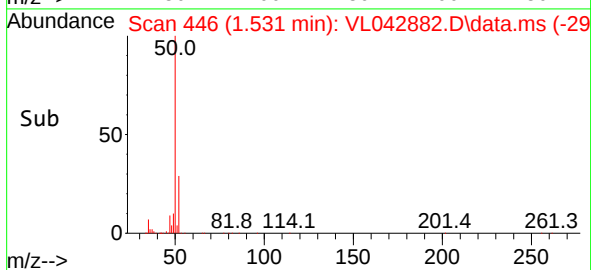
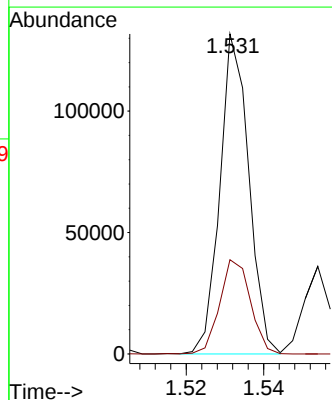
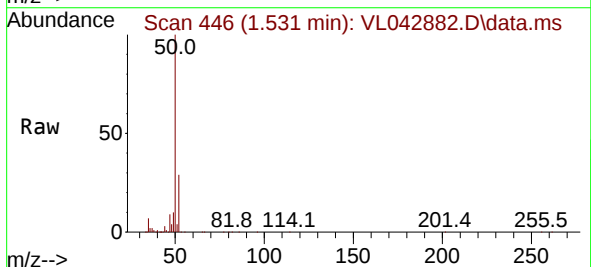
Instrument :
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ClientSampleId :
VL0826ABS01

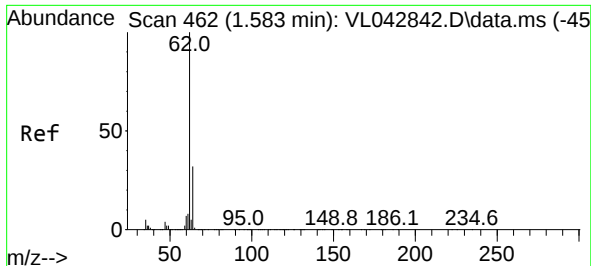
Tgt Ion: 51 Resp: 205382
Ion Ratio Lower Upper
51 100
67 18.6 14.9 22.3



#4
Chloromethane
Concen: 9.586 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 50 Resp: 68216
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9

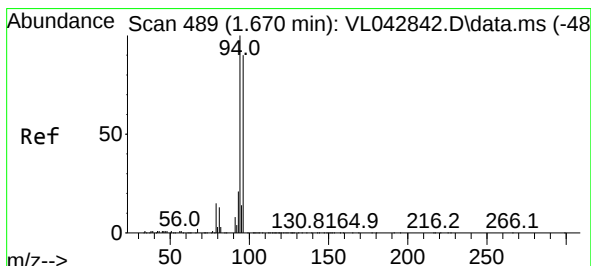
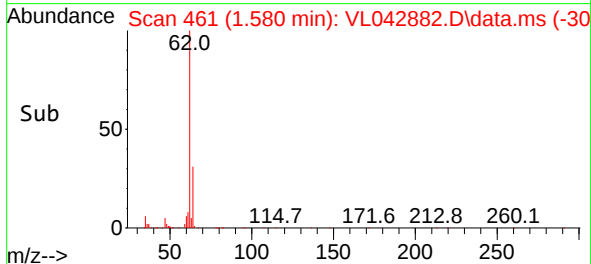
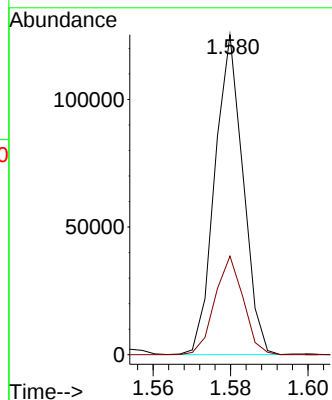
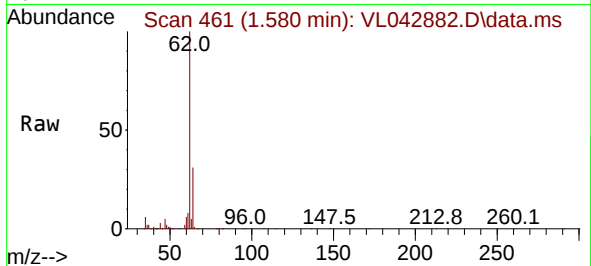




#5
 Vinyl Chloride
 Concen: 9.053 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

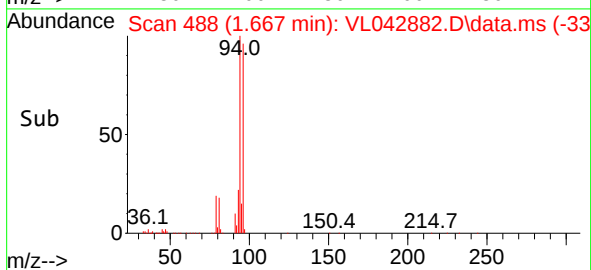
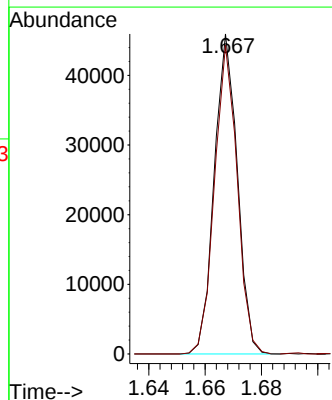
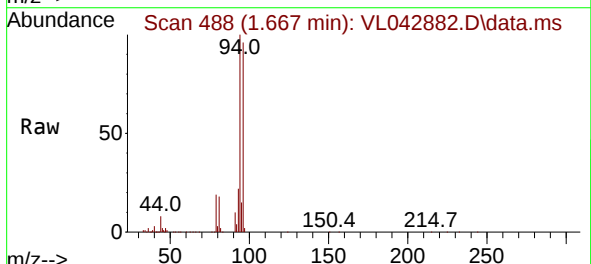
Instrument :
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 ClientSampleId :
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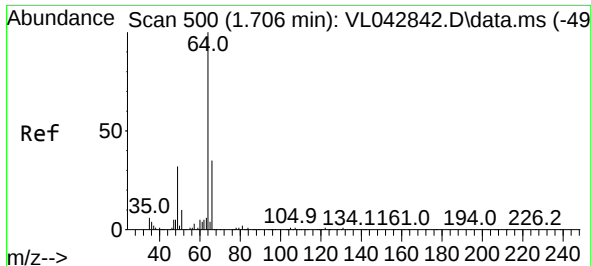
Tgt Ion: 62 Resp: 63448
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.4 38.2



#6
 Bromomethane
 Concen: 9.309 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Tgt Ion: 94 Resp: 26088
 Ion Ratio Lower Upper
 94 100
 96 96.4 72.1 108.1

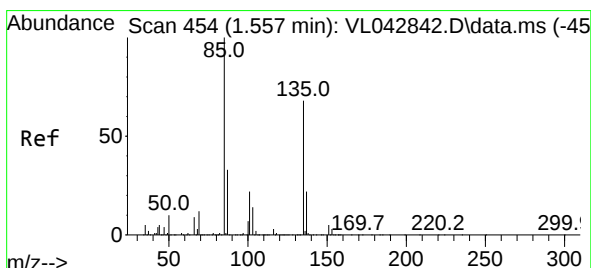
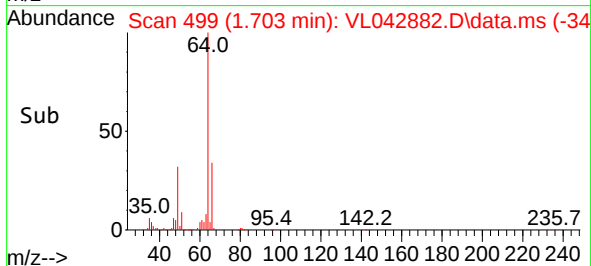
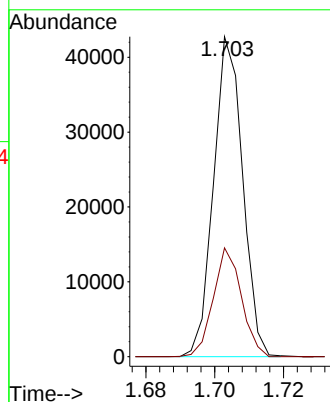
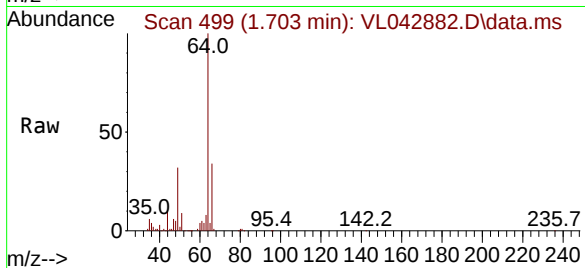




#7
Chloroethane
Concen: 9.175 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

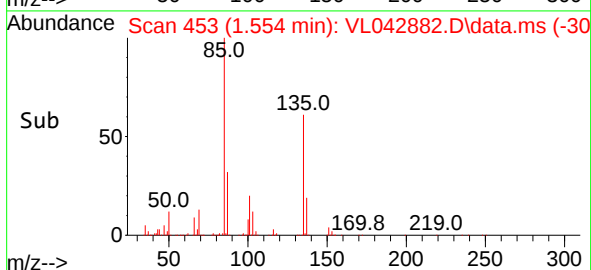
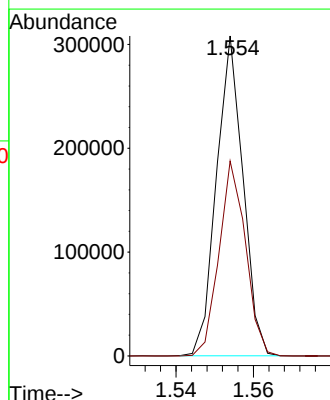
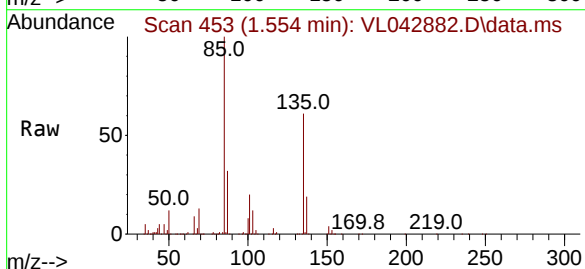
Instrument :
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ClientSampleId :
VL0826ABS01

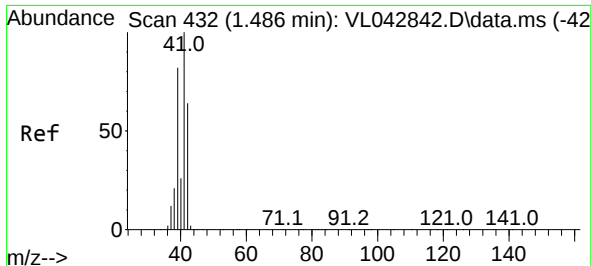
Tgt Ion: 64 Resp: 25112
Ion Ratio Lower Upper
64 100
66 34.0 28.6 42.8



#8
Dichlorotetrafluoroethane
Concen: 10.152 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 85 Resp: 146504
Ion Ratio Lower Upper
85 100
135 61.1 51.2 76.8





#9

Propene

Concen: 9.125 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

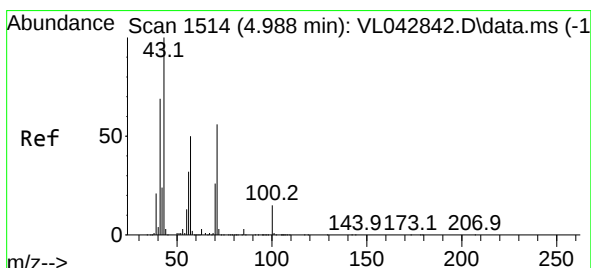
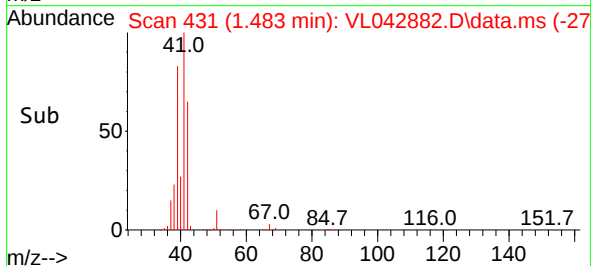
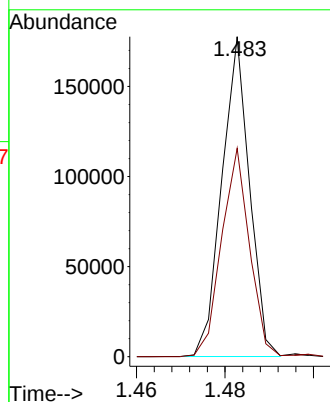
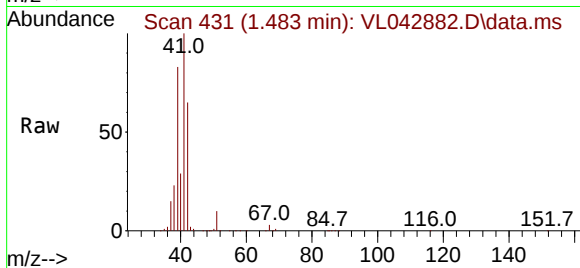
VL0826ABS01

Tgt Ion: 41 Resp: 76820

Ion Ratio Lower Upper

41 100

42 66.8 53.0 79.4



#10

Heptane

Concen: 9.403 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. -0.006 min

Lab File: VL042882.D

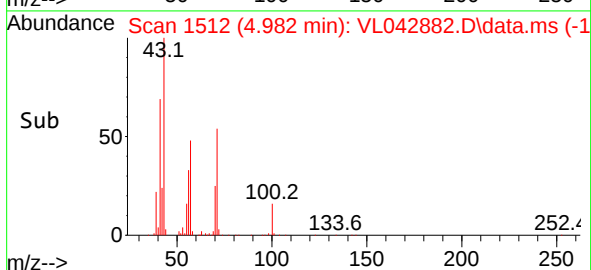
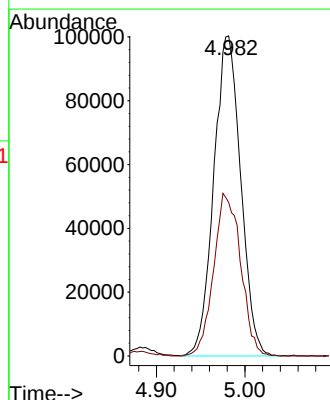
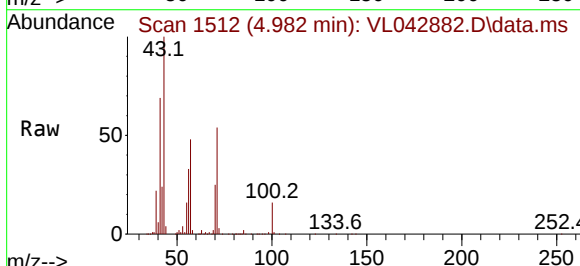
Acq: 26 Aug 2025 12:58

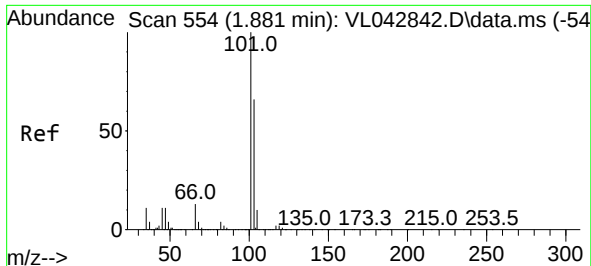
Tgt Ion: 43 Resp: 212002

Ion Ratio Lower Upper

43 100

57 50.9 41.4 62.0

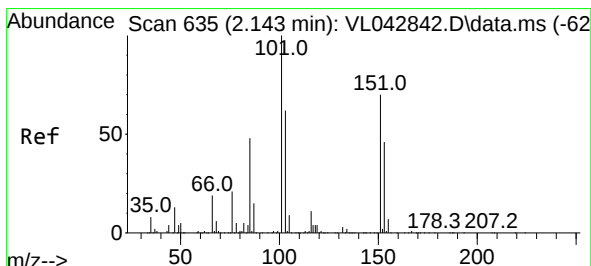
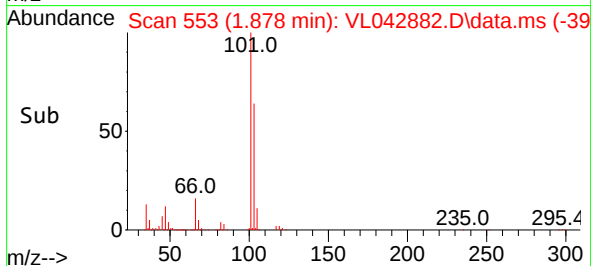
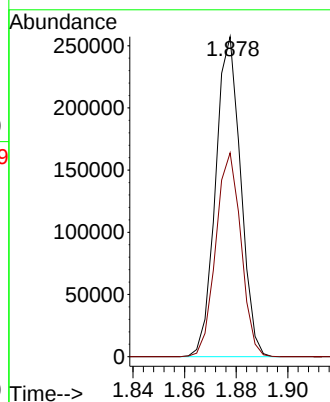
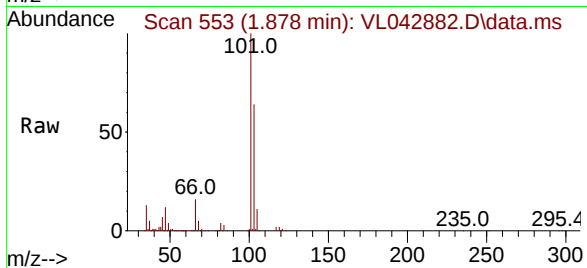




#11
Trichlorofluoromethane
Concen: 9.972 ppbv
RT: 1.878 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

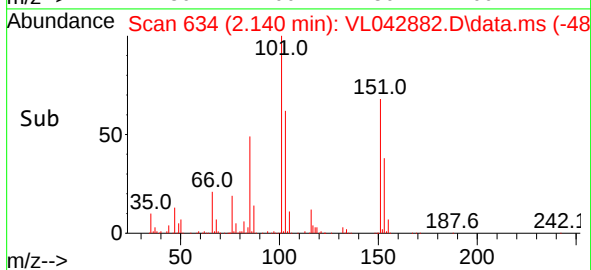
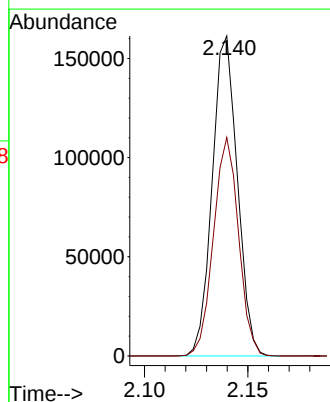
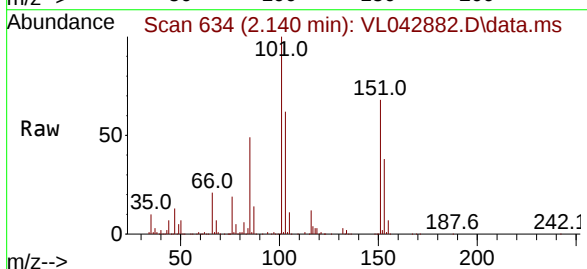
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

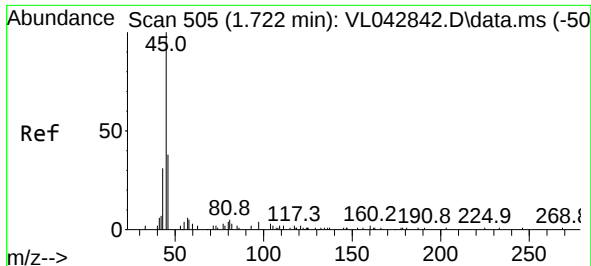
Tgt Ion:101 Resp: 173505
Ion Ratio Lower Upper
101 100
103 63.7 52.5 78.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.843 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion:101 Resp: 136502
Ion Ratio Lower Upper
101 100
151 68.1 56.4 84.6





#13

Ethanol

Concen: 7.724 ppbv

RT: 1.722 min Scan# 505

Delta R.T. 0.000 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

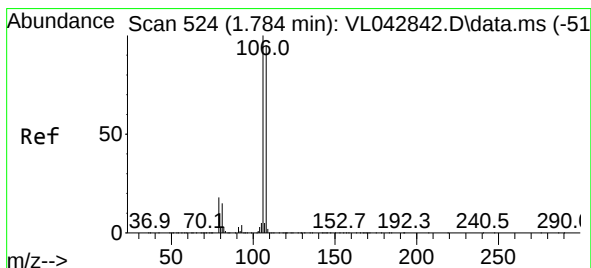
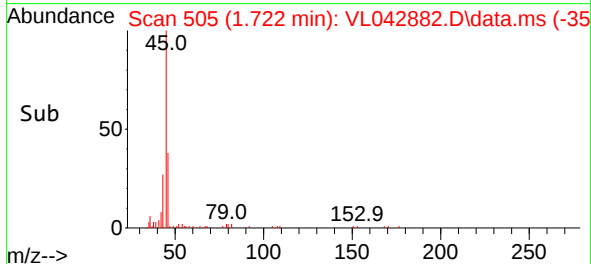
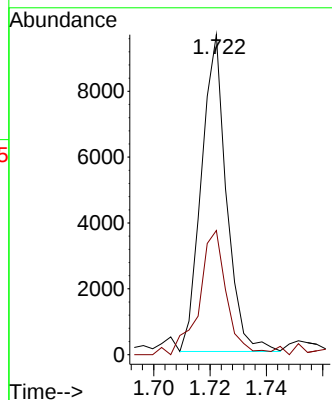
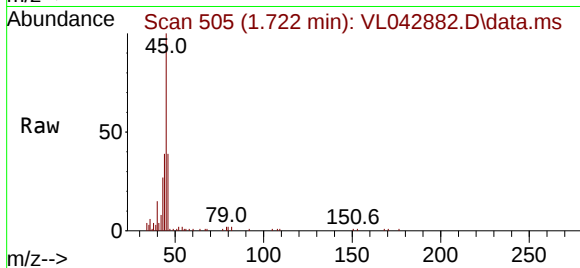
VL0826ABS01

Tgt Ion: 45 Resp: 5945

Ion Ratio Lower Upper

45 100

46 46.6 17.5 69.9



#14

Bromoethene

Concen: 9.853 ppbv

RT: 1.781 min Scan# 523

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

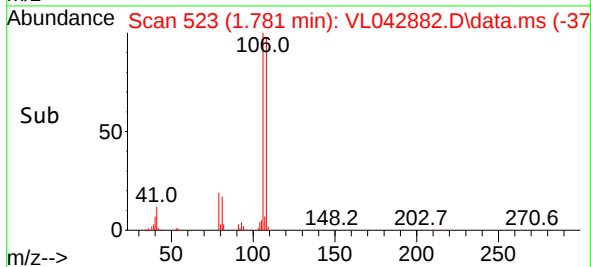
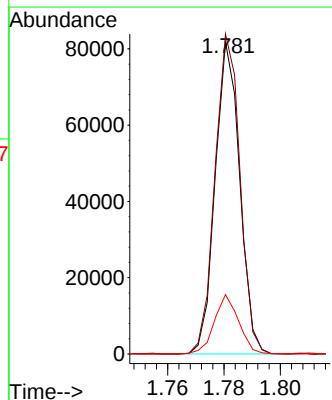
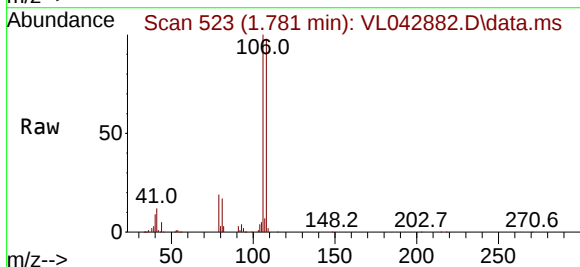
Tgt Ion: 108 Resp: 49464

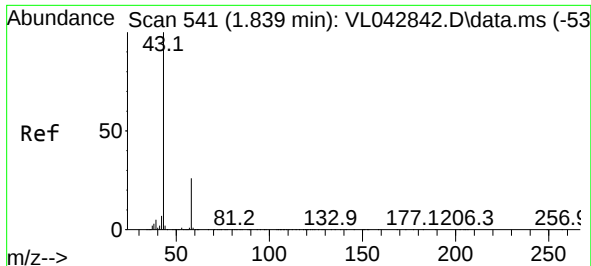
Ion Ratio Lower Upper

108 100

106 104.7 85.1 127.7

79 19.7 16.3 24.5

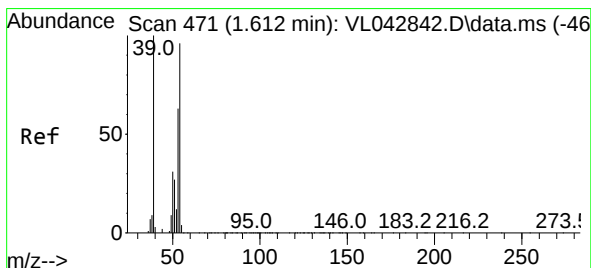
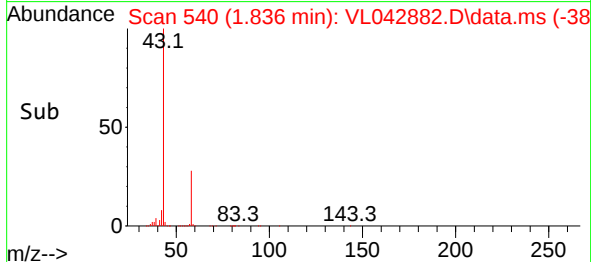
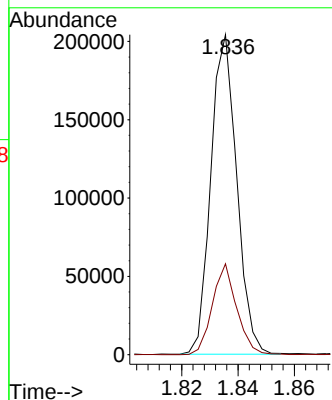
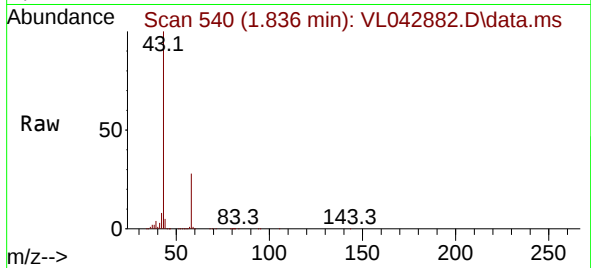




#15
Acetone
Concen: 8.189 ppbv
RT: 1.836 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

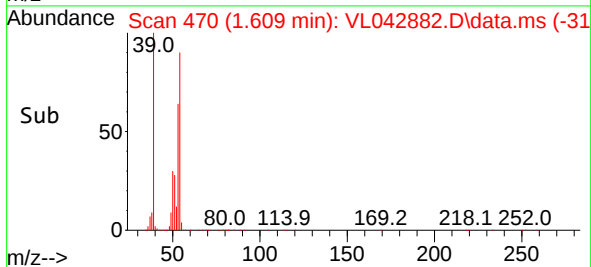
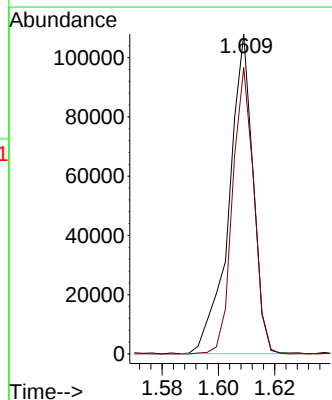
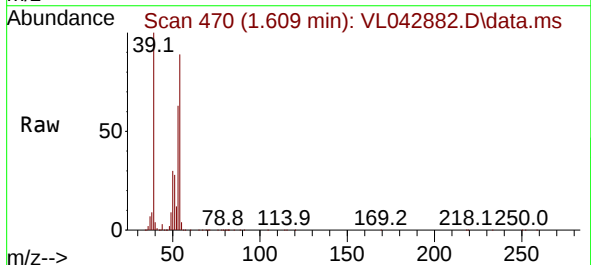
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

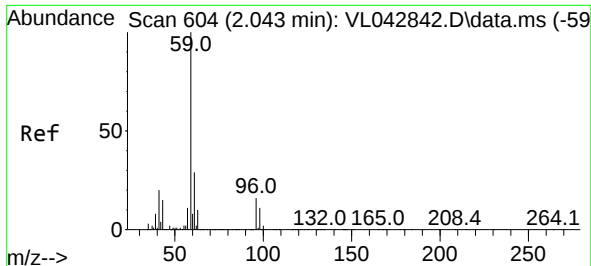
Tgt Ion: 43 Resp: 130343
Ion Ratio Lower Upper
43 100
58 26.8 22.4 33.6



#16
1,3-Butadiene
Concen: 8.877 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 39 Resp: 64056
Ion Ratio Lower Upper
39 100
54 78.8 63.6 95.4





#17

tert-Butyl alcohol

Concen: 8.510 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_1

ClientSampleId :

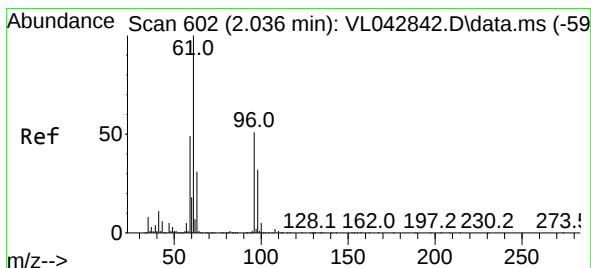
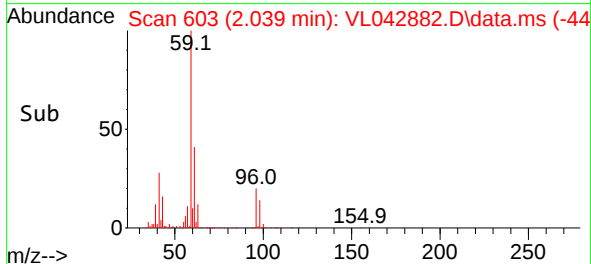
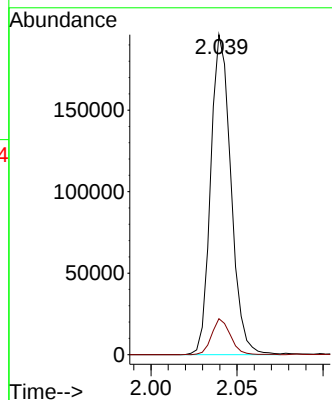
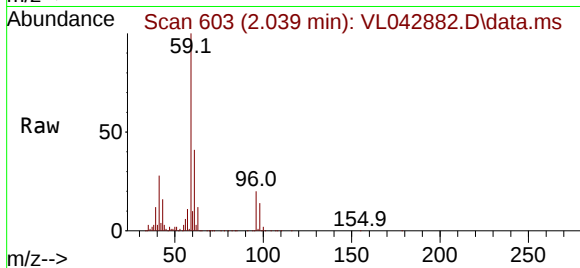
VL0826ABS01

Tgt Ion: 59 Resp: 160632

Ion Ratio Lower Upper

59 100

57 10.4 9.0 13.4



#18

1,1-Dichloroethene

Concen: 10.104 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

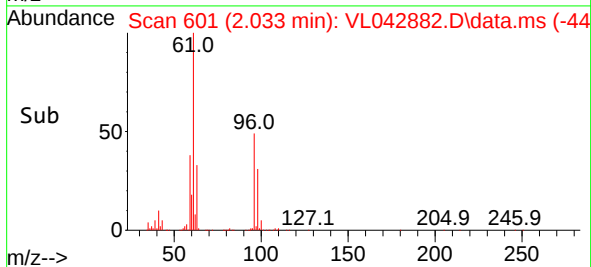
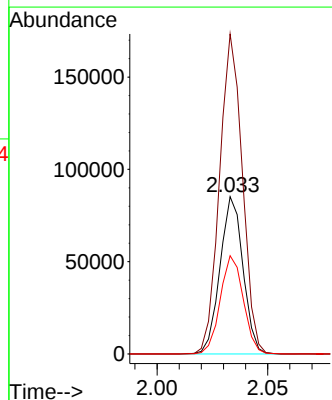
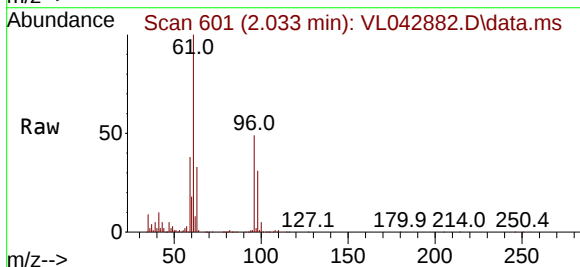
Tgt Ion: 96 Resp: 61599

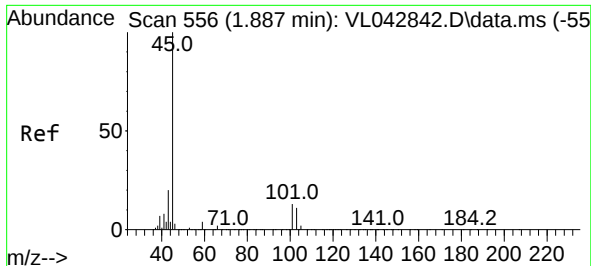
Ion Ratio Lower Upper

96 100

61 203.4 158.2 237.4

98 62.5 50.6 76.0

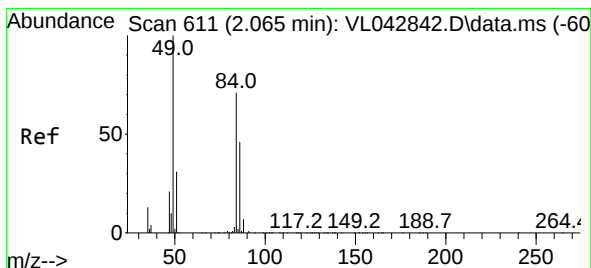
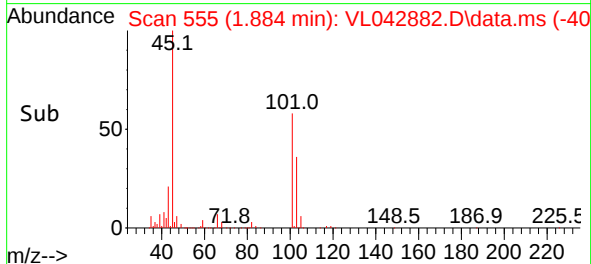
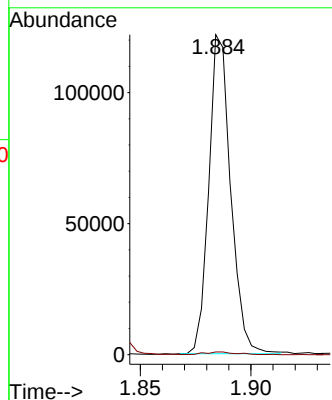
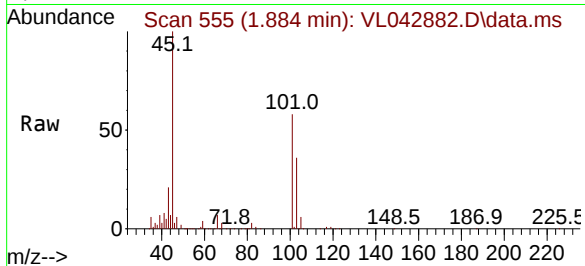




#19
Isopropyl Alcohol
Concen: 8.824 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

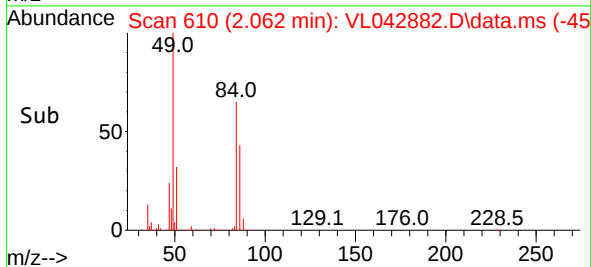
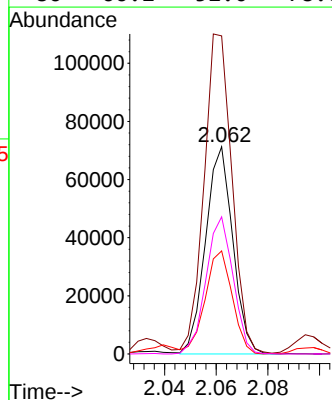
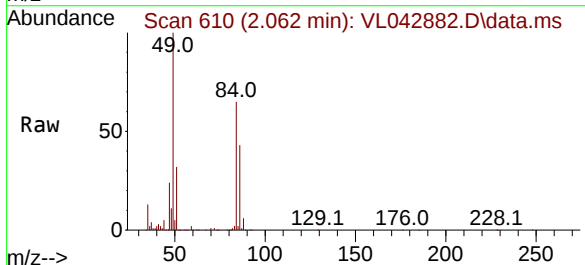
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

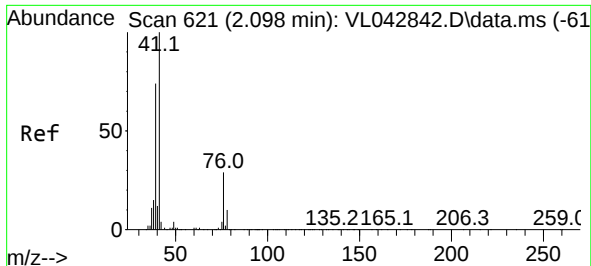
Tgt Ion: 45 Resp: 83886
Ion Ratio Lower Upper
45 100
58 41.6 32.7 49.1



#20
Methylene Chloride
Concen: 7.842 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 84 Resp: 52286
Ion Ratio Lower Upper
84 100
49 152.7 112.3 168.5
51 49.5 36.0 54.0
86 66.2 52.0 78.0

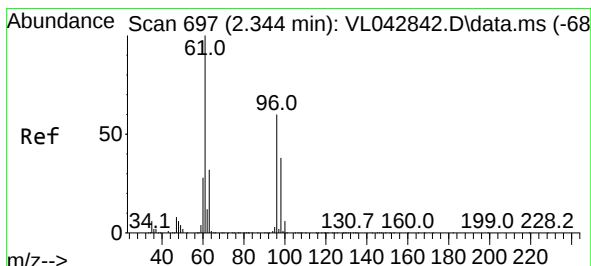
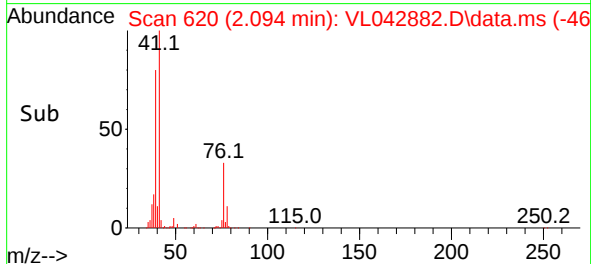
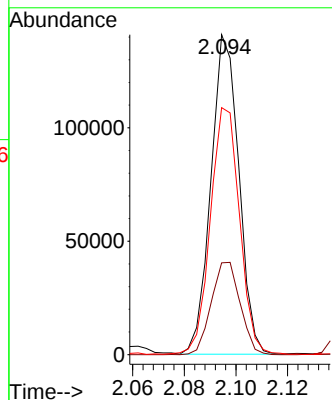
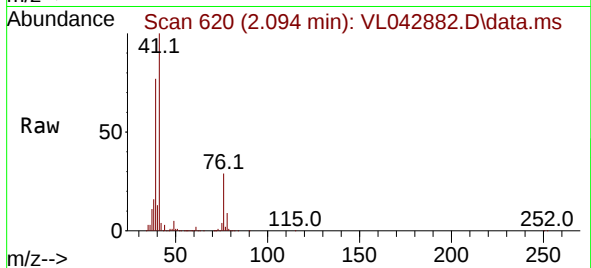




#21
 Allyl Chloride
 Concen: 9.396 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

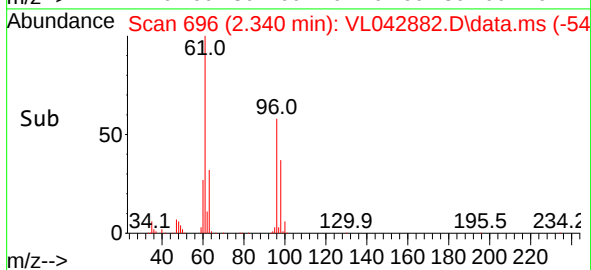
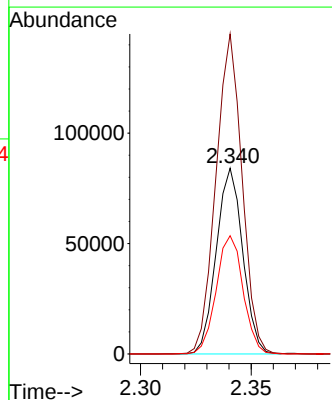
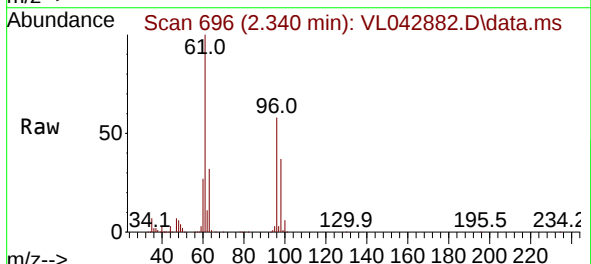
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01

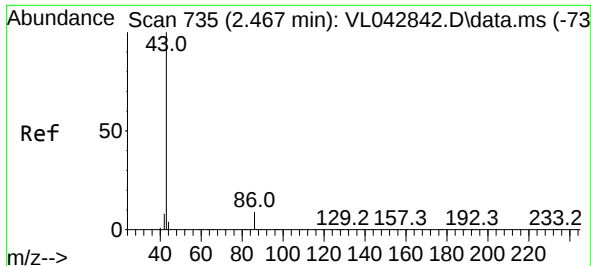
Tgt Ion: 41 Resp: 105652
 Ion Ratio Lower Upper
 41 100
 76 29.9 23.9 35.9
 39 80.6 57.8 86.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.904 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Tgt Ion: 96 Resp: 69860
 Ion Ratio Lower Upper
 96 100
 61 172.2 132.6 199.0
 98 63.5 50.0 75.0



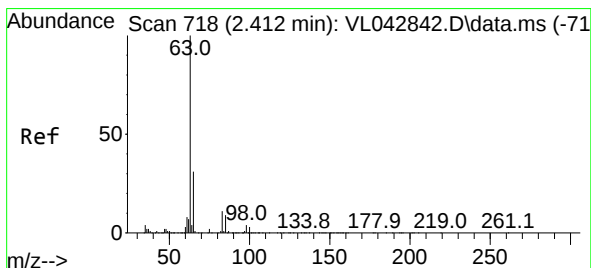
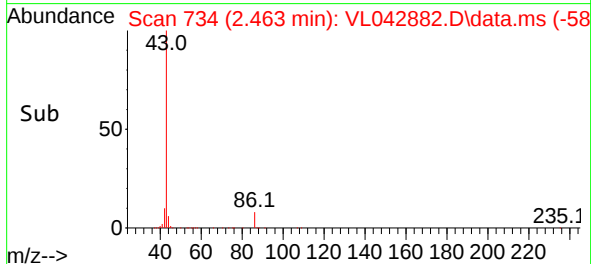
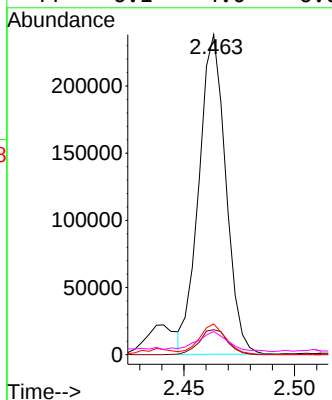
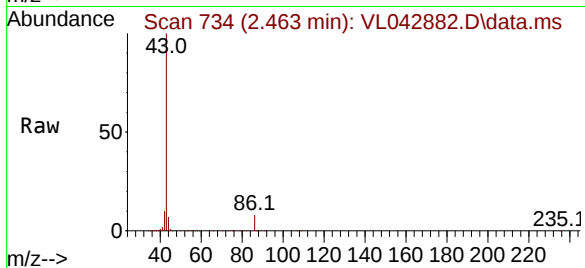


#23
 Vinyl Acetate
 Concen: 9.174 ppbv
 RT: 2.463 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0826ABS01

Tgt Ion: 43 Resp: 200780

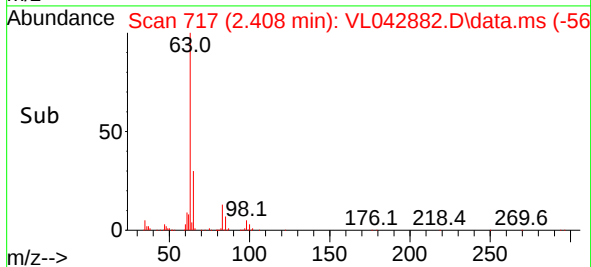
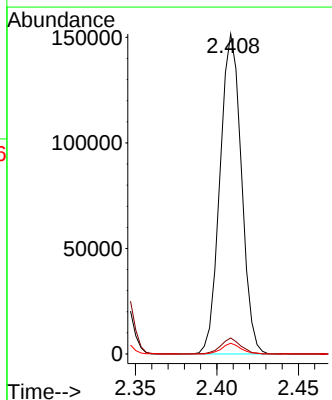
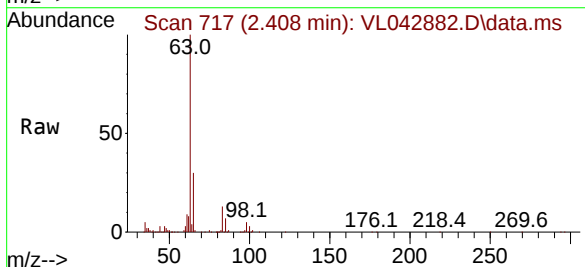
Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.6	9.8
42	9.6	7.0	10.6
44	6.1	4.0	6.0



#24
 1,1-Dichloroethane
 Concen: 9.824 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Tgt Ion: 63 Resp: 138380

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.1	6.5
100	3.3	1.7	5.1



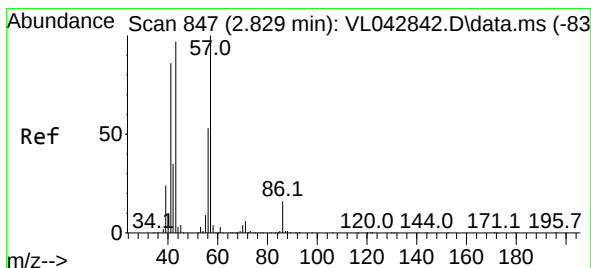
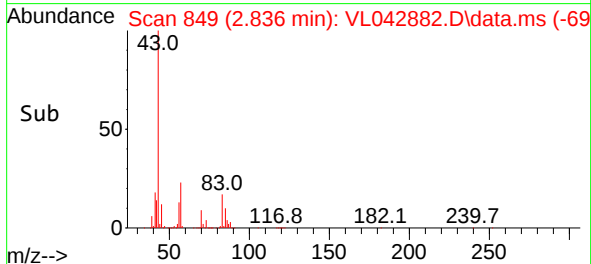
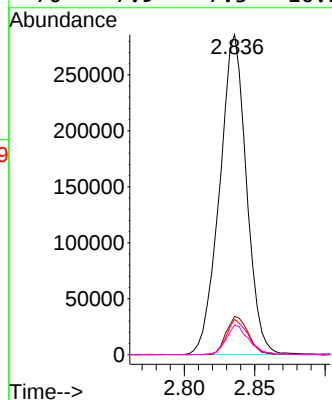
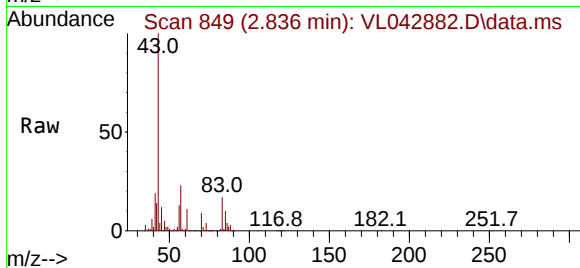


#25
Ethyl Acetate
Concen: 9.834 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

Tgt Ion: 43 Resp: 378826

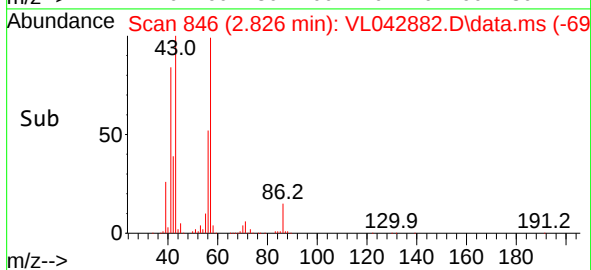
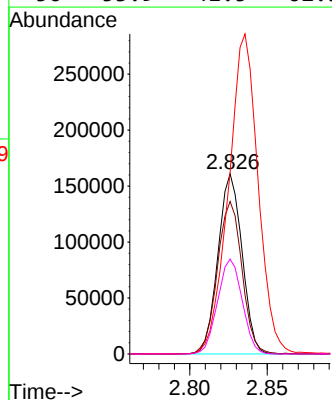
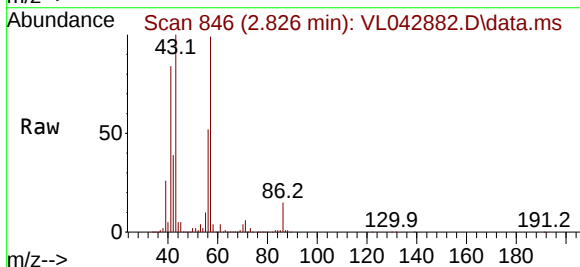
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	8.9	7.4	11.2
70	7.9	7.3	10.9

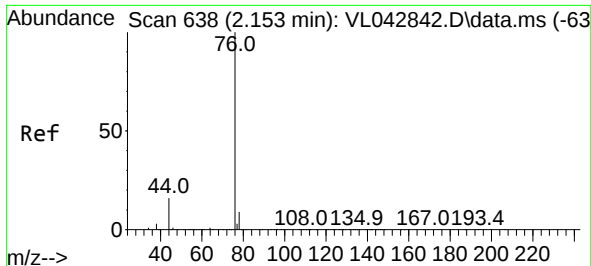


#26
Hexane
Concen: 9.744 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 57 Resp: 173270

Ion	Ratio	Lower	Upper
57	100		
41	87.5	68.6	103.0
43	220.1	168.5	252.7
56	53.9	41.5	62.3

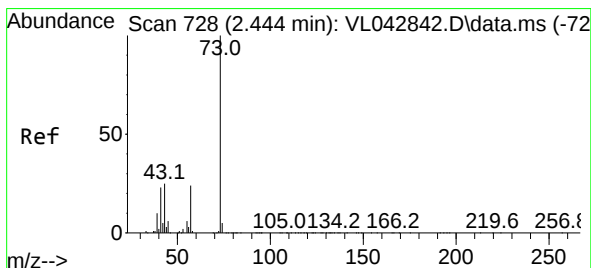
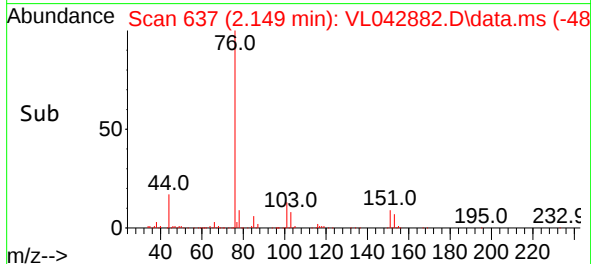
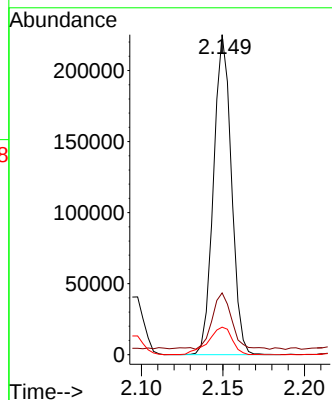
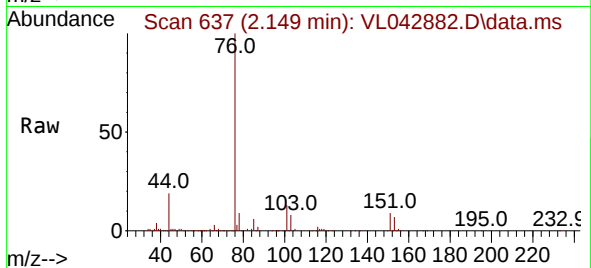




#27
Carbon Disulfide
Concen: 9.907 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

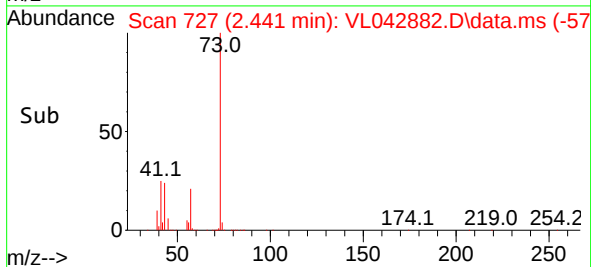
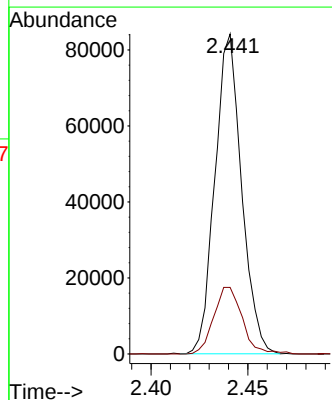
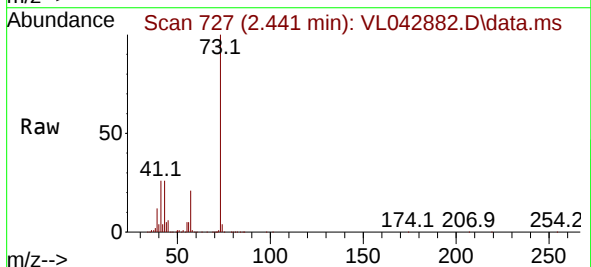
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

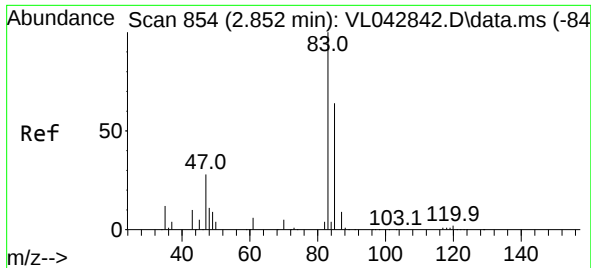
Tgt Ion: 76 Resp: 171438
Ion Ratio Lower Upper
76 100
44 19.1 15.9 23.9
78 11.5 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 8.884 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 73 Resp: 80548
Ion Ratio Lower Upper
73 100
57 22.4 21.6 32.4

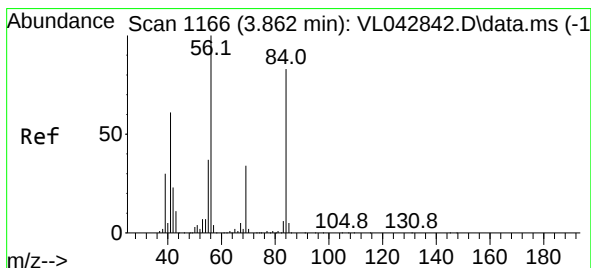
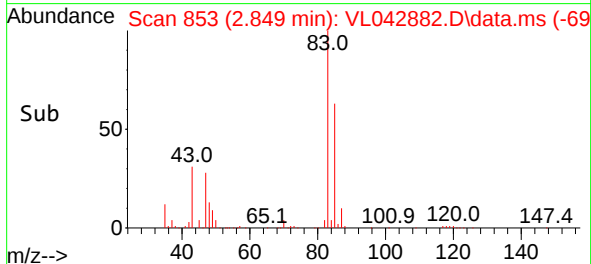
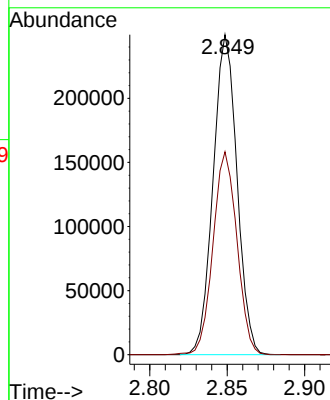
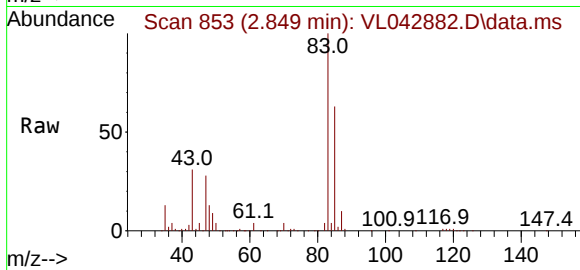




#29
Chloroform
Concen: 10.552 ppbv
RT: 2.849 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

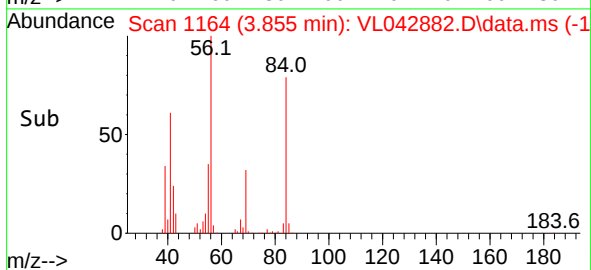
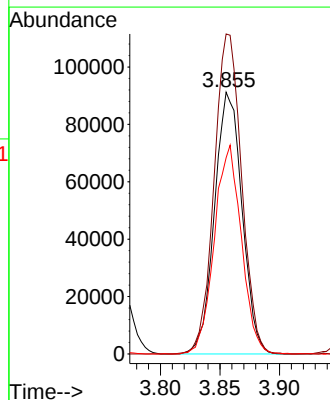
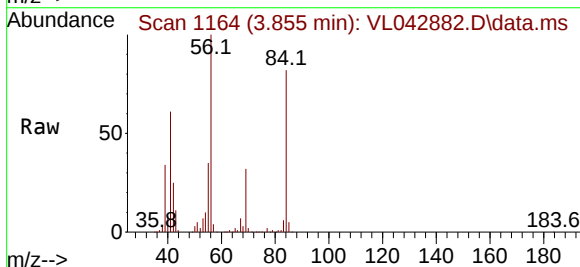
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

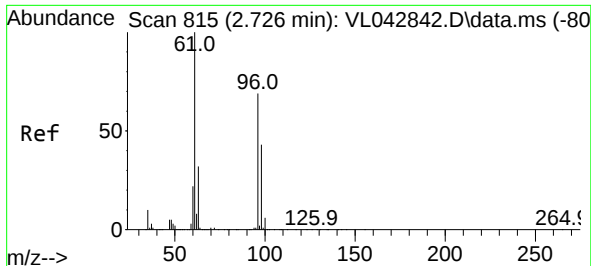
Tgt Ion: 83 Resp: 267897
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7



#30
Cyclohexane
Concen: 9.403 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 84 Resp: 146586
Ion Ratio Lower Upper
84 100
56 122.0 98.8 148.2
41 78.4 61.3 91.9

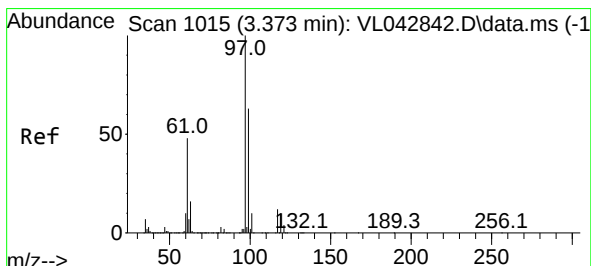
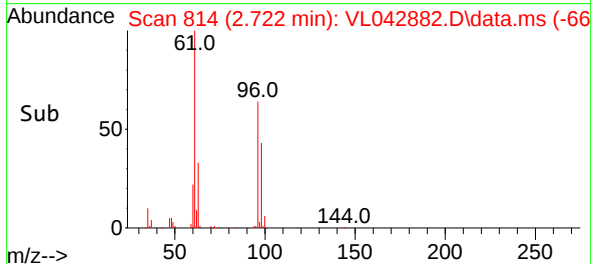
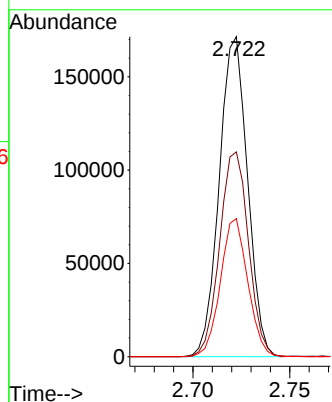
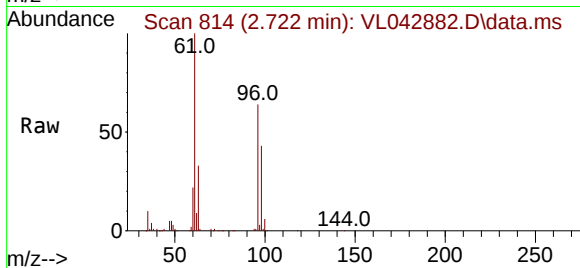




#31
 cis-1,2-Dichloroethene
 Concen: 9.802 ppbv
 RT: 2.722 min Scan# 815
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

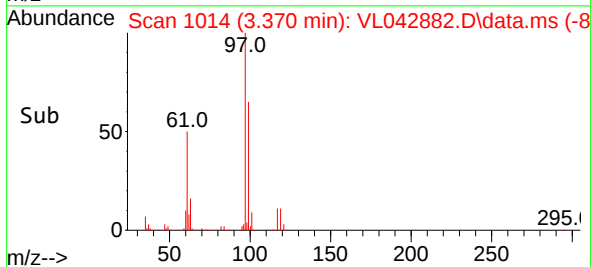
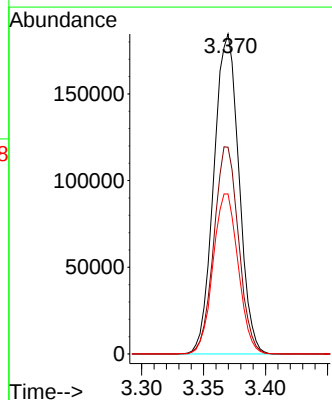
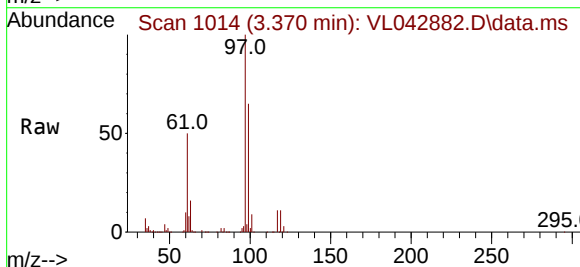
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01

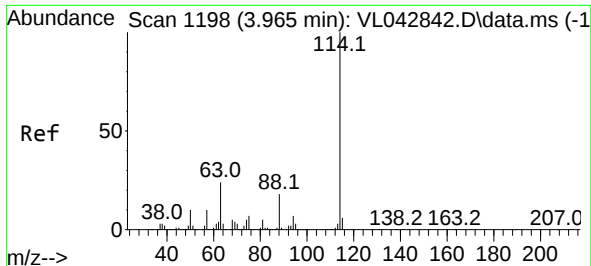
Tgt Ion: 61 Resp: 174095
 Ion Ratio Lower Upper
 61 100
 96 64.0 55.0 82.6
 98 43.1 34.3 51.5



#32
 1,1,1-Trichloroethane
 Concen: 9.711 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Tgt Ion: 97 Resp: 260552
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.6
 61 50.2 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.006 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_1

ClientSampleId :

VL0826ABS01

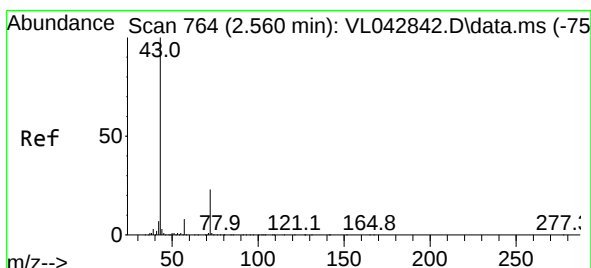
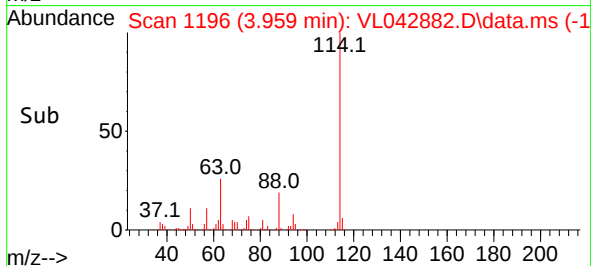
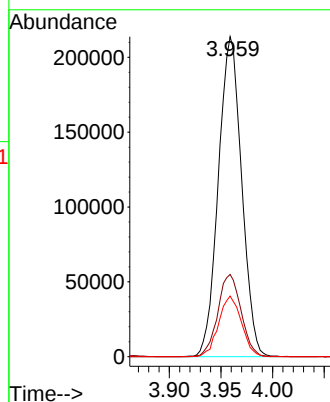
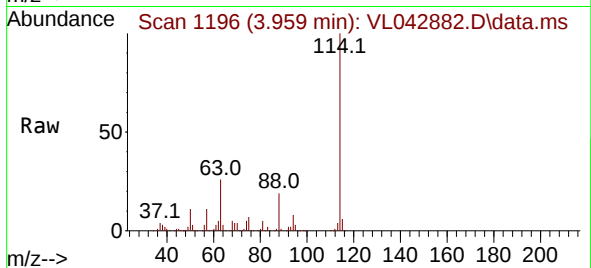
Tgt Ion:114 Resp: 335593

Ion Ratio Lower Upper

114 100

63 25.7 19.7 29.5

88 18.5 14.4 21.6



#34

2-Butanone

Concen: 10.758 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042882.D

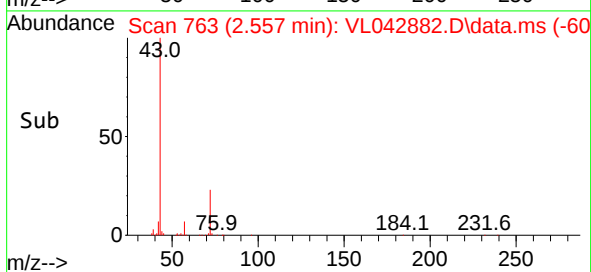
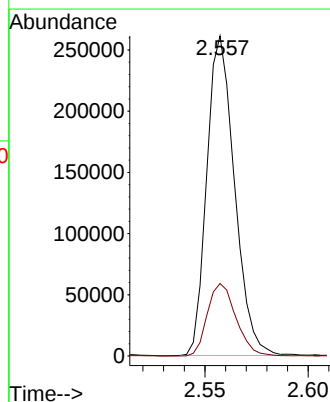
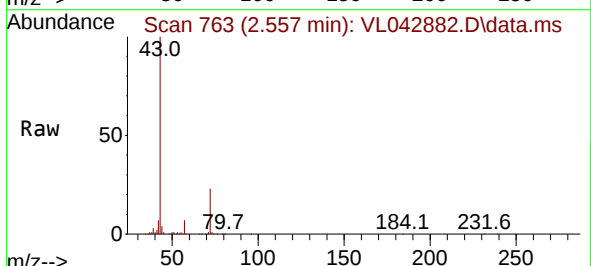
Acq: 26 Aug 2025 12:58

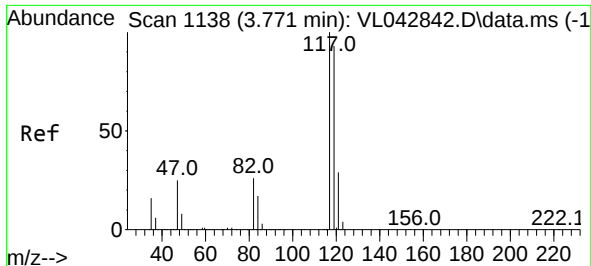
Tgt Ion: 43 Resp: 243779

Ion Ratio Lower Upper

43 100

72 23.4 18.6 28.0

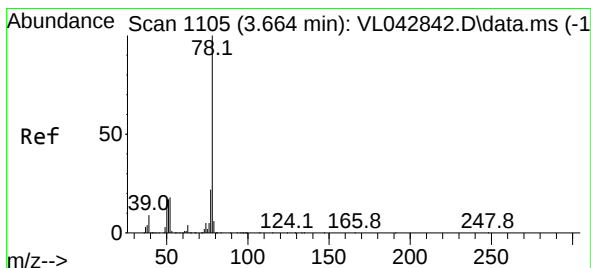
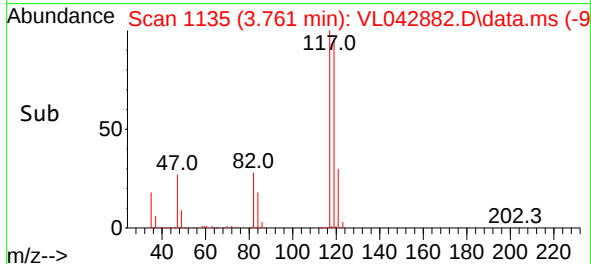
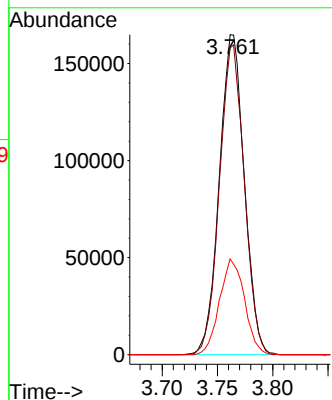
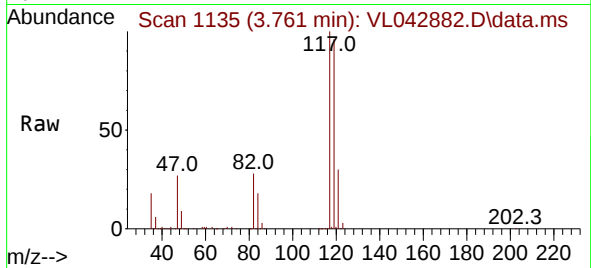




#35
Carbon Tetrachloride
Concen: 11.183 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.010 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

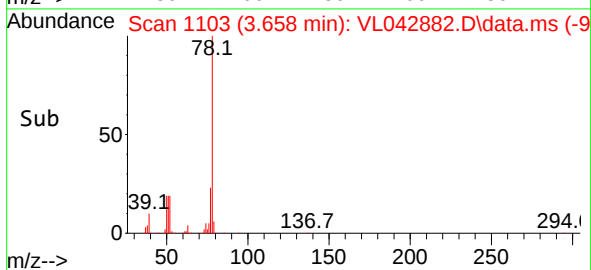
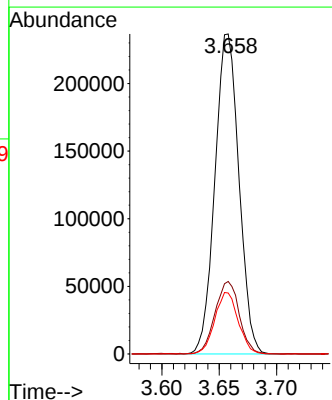
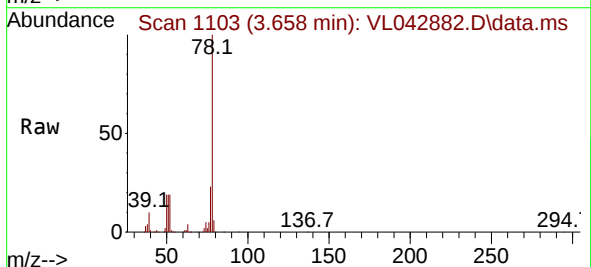
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

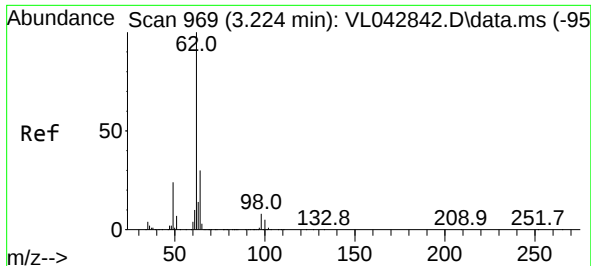
Tgt Ion:117 Resp: 258725
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
121 29.9 23.2 34.8



#36
Benzene
Concen: 10.712 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 78 Resp: 344231
Ion Ratio Lower Upper
78 100
77 22.7 17.7 26.5
50 19.1 13.9 20.9





#37

1,2-Dichloroethane

Concen: 12.181 ppbv

RT: 3.218 min Scan# 9

Delta R.T. -0.006 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

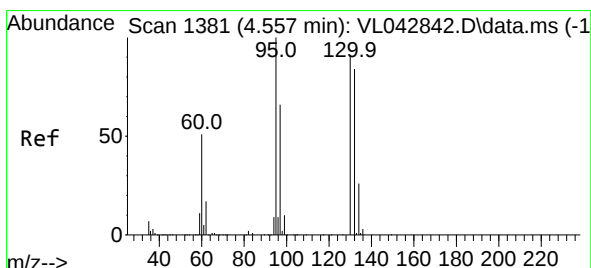
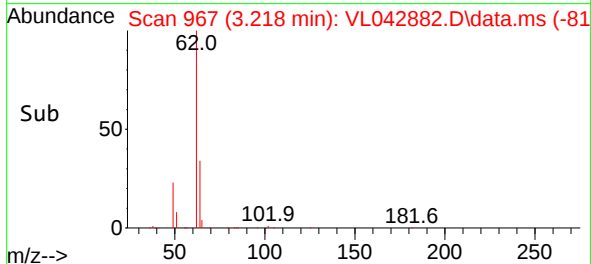
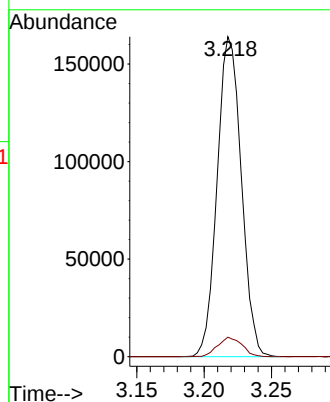
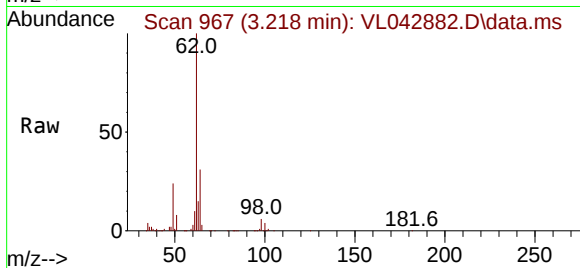
VL0826ABS01

Tgt Ion: 62 Resp: 204516

Ion Ratio Lower Upper

62 100

98 6.1 5.9 8.9



#38

Trichloroethene

Concen: 9.881 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. -0.010 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Tgt Ion:130 Resp: 145016

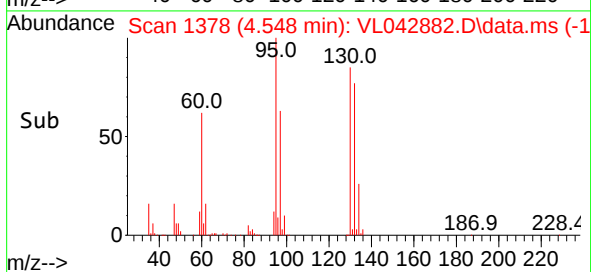
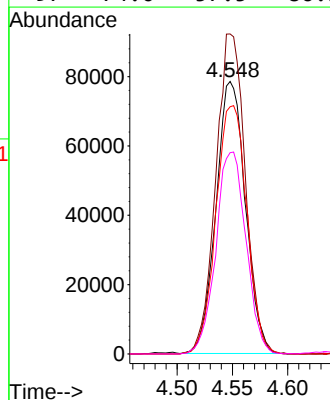
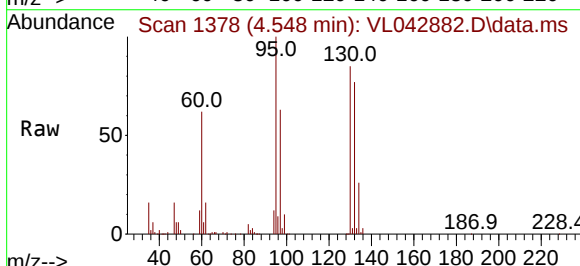
Ion Ratio Lower Upper

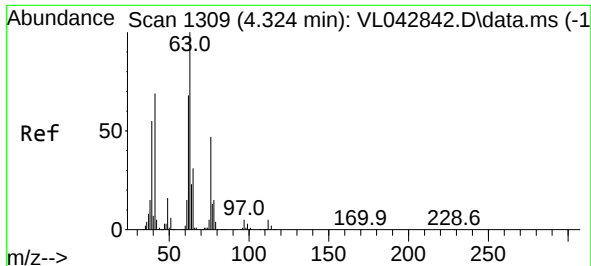
130 100

95 117.6 87.6 131.4

132 90.8 73.8 110.8

97 74.0 57.5 86.3





#39

1,2-Dichloropropane

Concen: 10.795 ppbv

RT: 4.315 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

VL0826ABS01

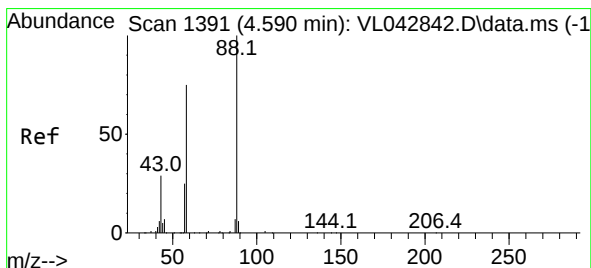
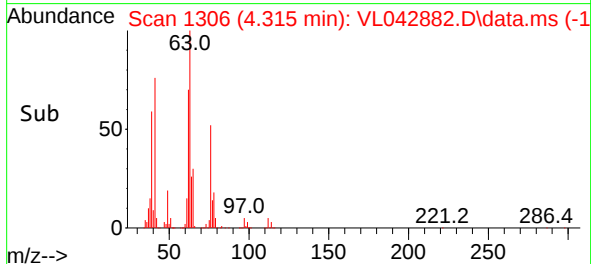
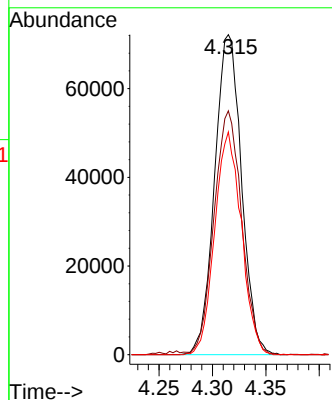
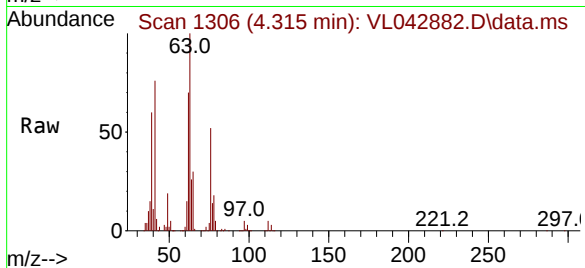
Tgt Ion: 63 Resp: 126704

Ion Ratio Lower Upper

63 100

41 76.2 55.0 82.4

62 69.6 54.4 81.6



#40

1,4-Dioxane

Concen: 9.385 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.010 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Tgt Ion: 88 Resp: 52376

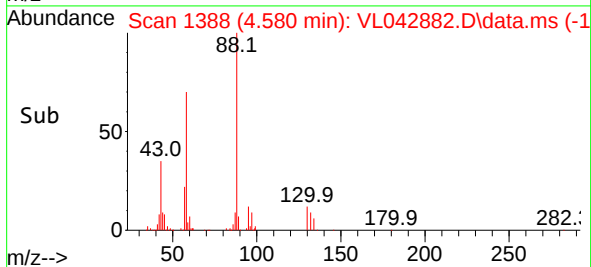
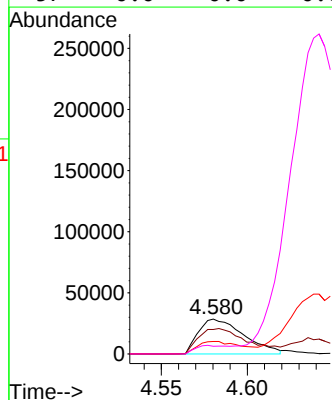
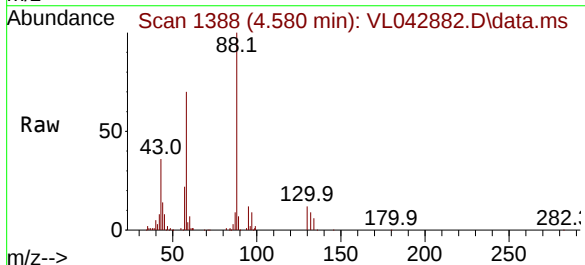
Ion Ratio Lower Upper

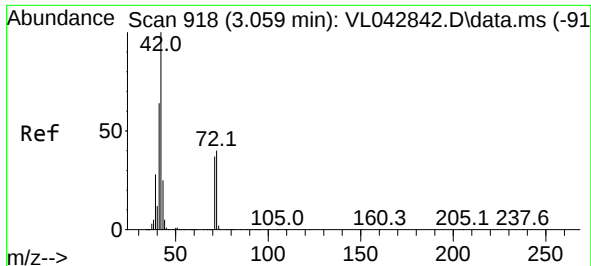
88 100

58 77.3 53.8 80.6

43 36.2 22.8 34.2#

57 0.0 0.0 0.0

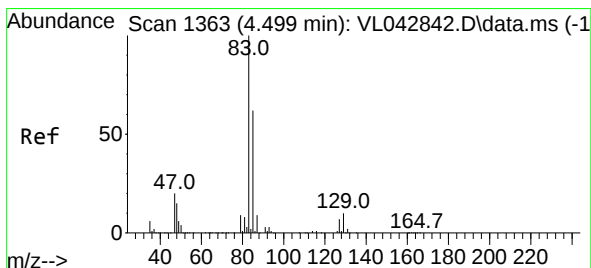
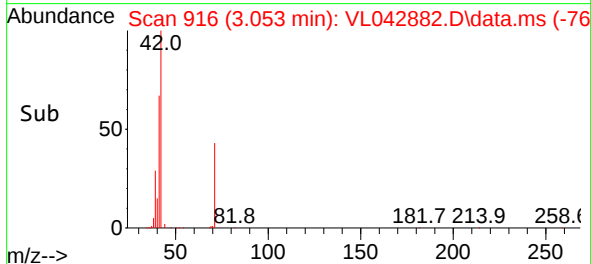
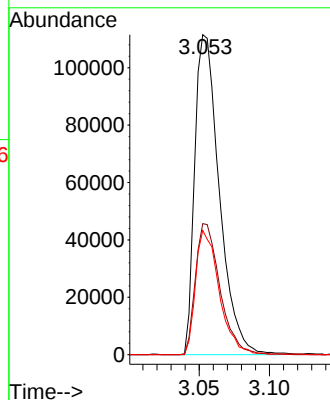
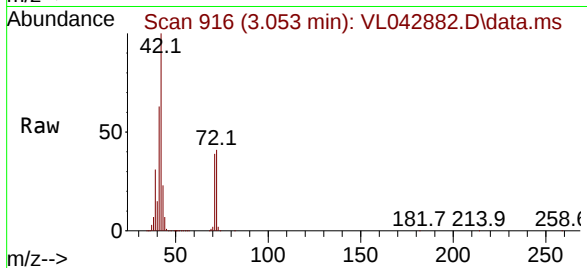




#41
Tetrahydrofuran
Concen: 10.744 ppbv
RT: 3.053 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

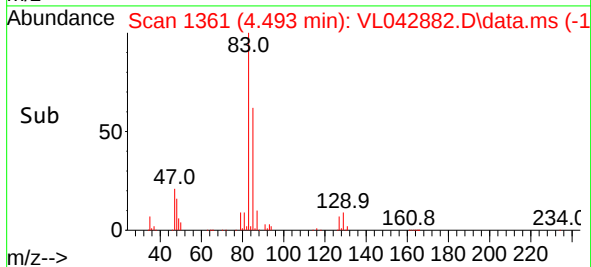
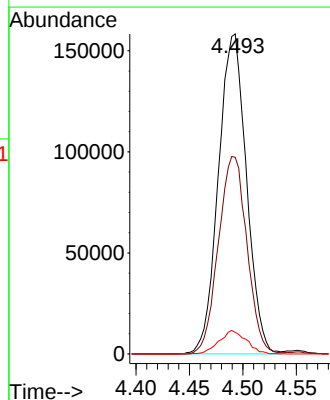
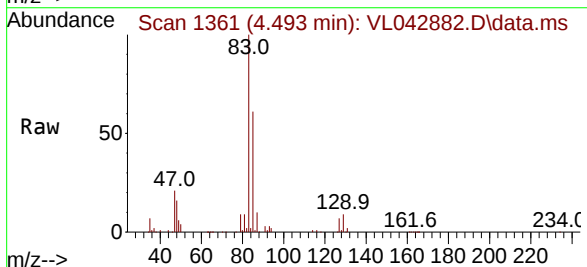
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

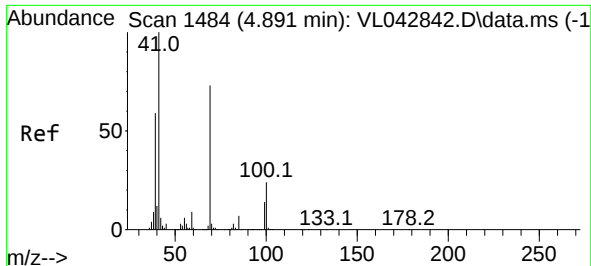
Tgt Ion: 42 Resp: 135743
Ion Ratio Lower Upper
42 100
72 40.8 32.6 48.8
71 37.5 30.0 45.0



#42
Bromodichloromethane
Concen: 11.553 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 83 Resp: 289041
Ion Ratio Lower Upper
83 100
85 61.5 49.8 74.8
127 6.8 5.8 8.6

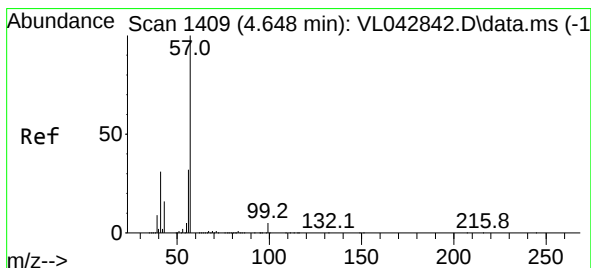
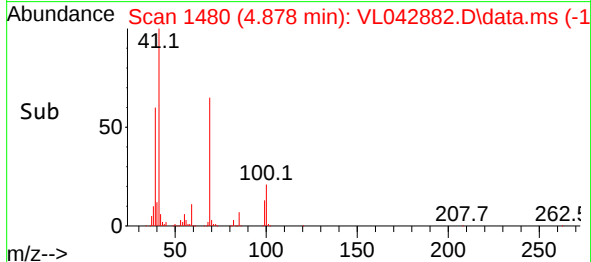
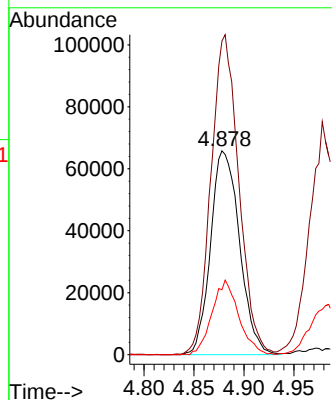
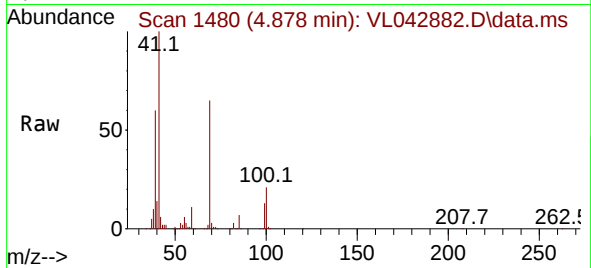




#43
Methyl Methacrylate
Concen: 10.021 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. -0.013 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

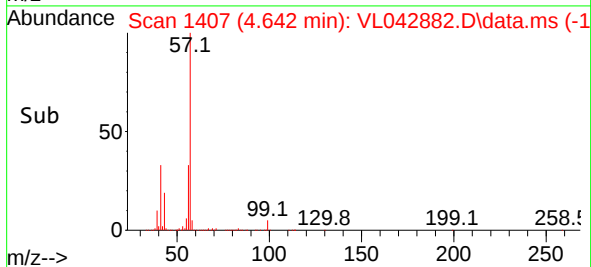
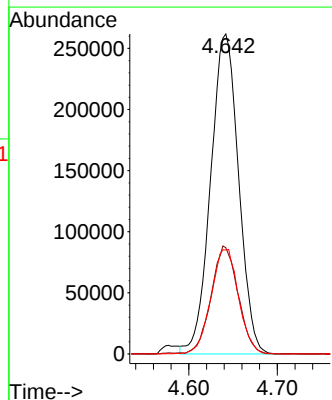
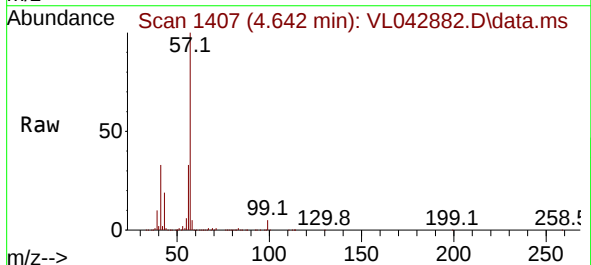
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

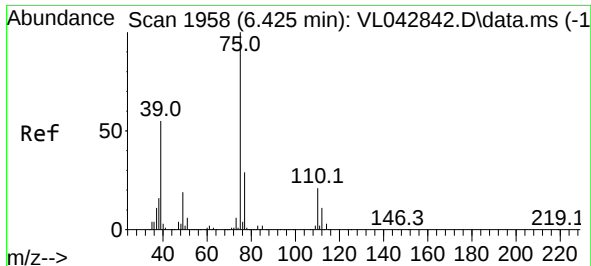
Tgt Ion: 69 Resp: 132659
Ion Ratio Lower Upper
69 100
41 151.2 114.6 172.0
100 33.9 30.2 45.4



#44
2,2,4-Trimethylpentane
Concen: 10.544 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 57 Resp: 575104
Ion Ratio Lower Upper
57 100
41 32.8 24.8 37.2
56 32.3 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.084 ppbv

RT: 6.415 min Scan# 1958

Delta R.T. -0.010 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

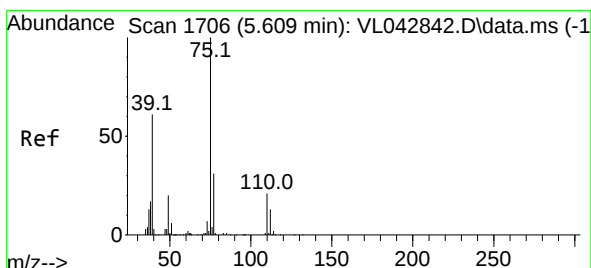
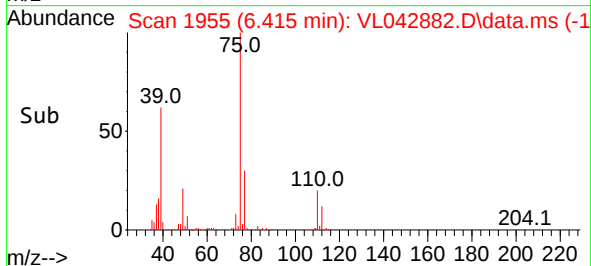
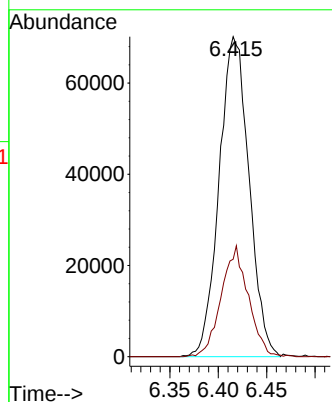
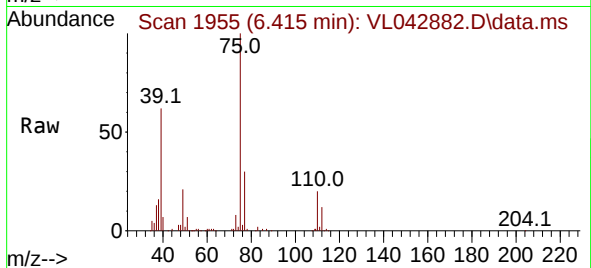
VL0826ABS01

Tgt Ion: 75 Resp: 150653

Ion Ratio Lower Upper

75 100

77 30.5 23.8 35.6



#46

cis-1,3-Dichloropropene

Concen: 10.400 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

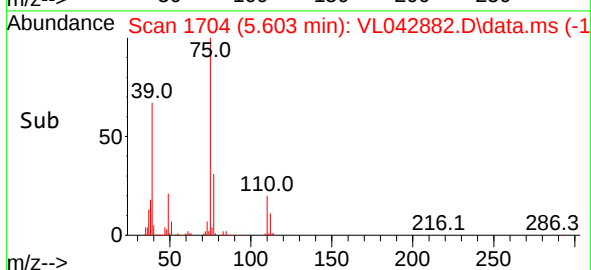
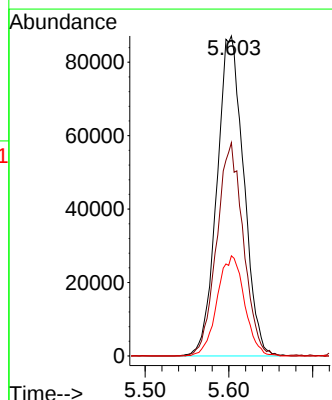
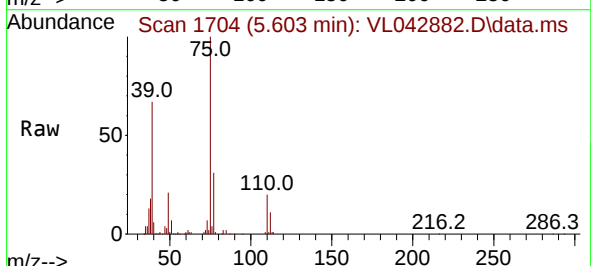
Tgt Ion: 75 Resp: 193603

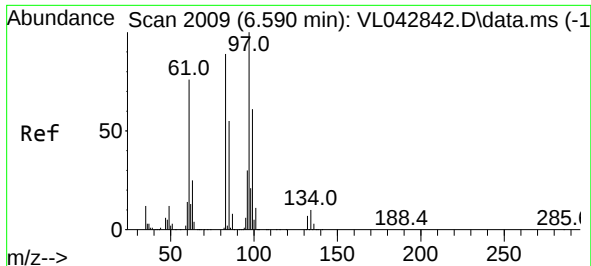
Ion Ratio Lower Upper

75 100

39 66.5 48.9 73.3

77 31.3 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 4.874 ppbv

RT: 6.577 min Scan# 2009

Delta R.T. -0.013 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

VL0826ABS01

Tgt Ion: 97 Resp: 60607

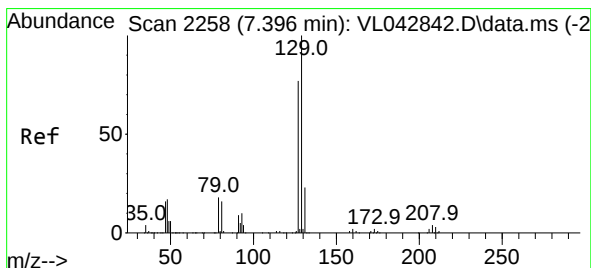
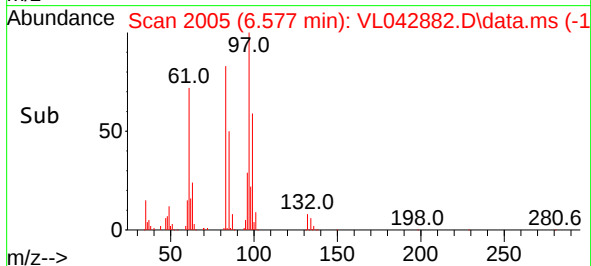
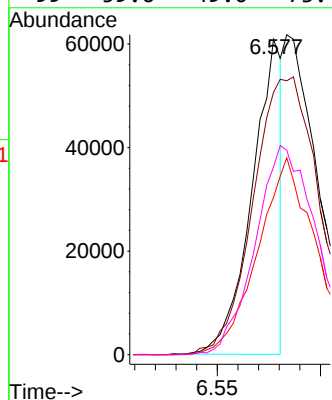
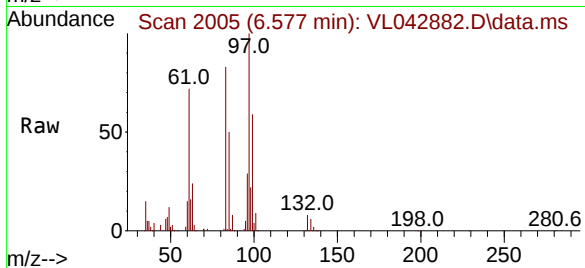
Ion Ratio Lower Upper

97 100

83 83.2 71.0 106.4

85 50.0 43.6 65.4

99 59.6 49.0 73.4



#48

Dibromochloromethane

Concen: 11.095 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. -0.006 min

Lab File: VL042882.D

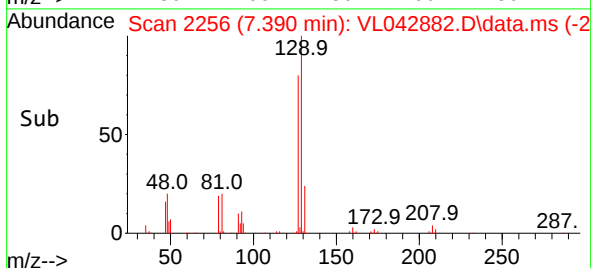
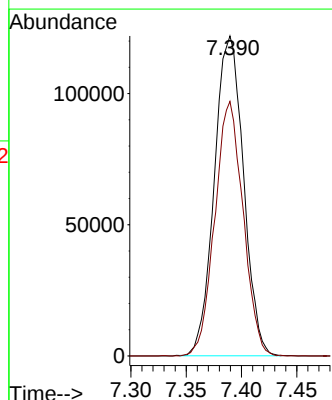
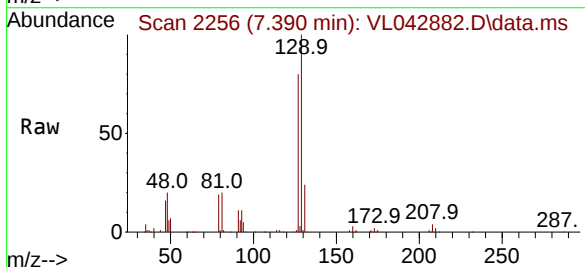
Acq: 26 Aug 2025 12:58

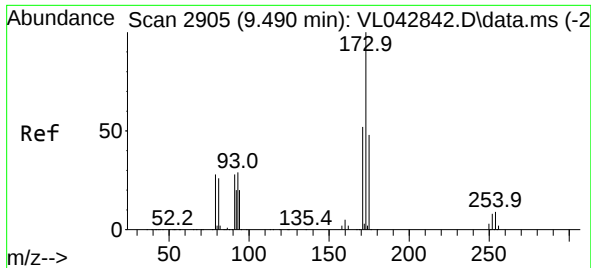
Tgt Ion: 129 Resp: 223261

Ion Ratio Lower Upper

129 100

127 77.4 39.4 118.2





#49

Bromoform

Concen: 10.701 ppbv

RT: 9.484 min Scan# 2905

Delta R.T. -0.006 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

VL0826ABS01

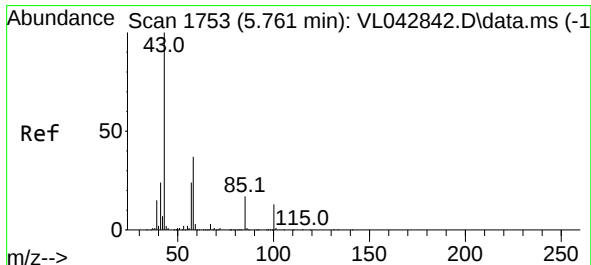
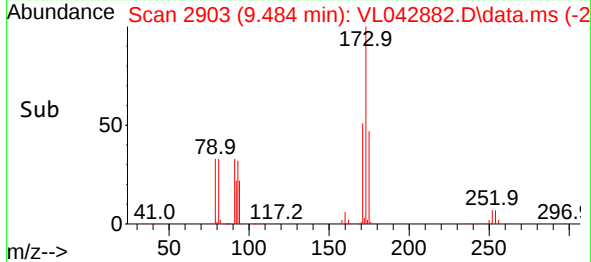
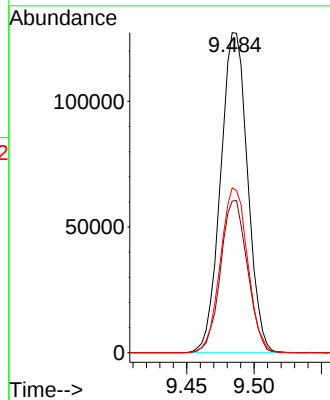
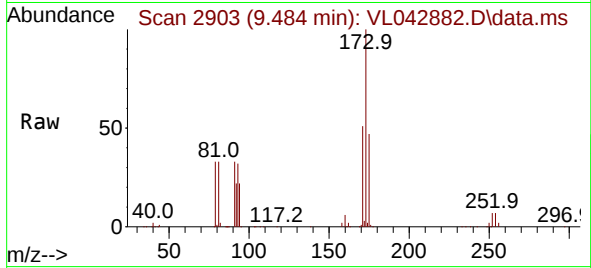
Tgt Ion:173 Resp: 177586

Ion Ratio Lower Upper

173 100

175 47.5 39.2 58.8

171 52.0 41.3 61.9



#50

4-Methyl-2-Pentanone

Concen: 10.839 ppbv

RT: 5.752 min Scan# 1750

Delta R.T. -0.010 min

Lab File: VL042882.D

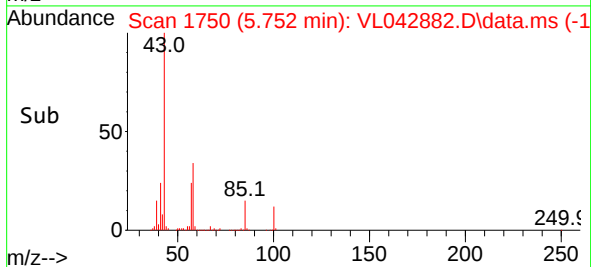
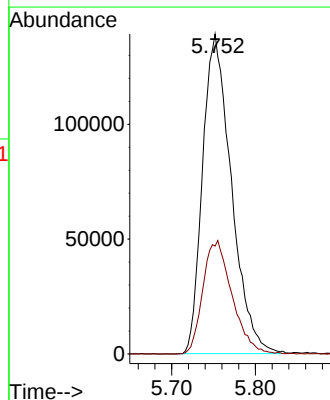
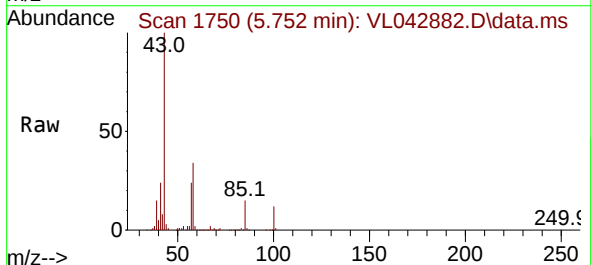
Acq: 26 Aug 2025 12:58

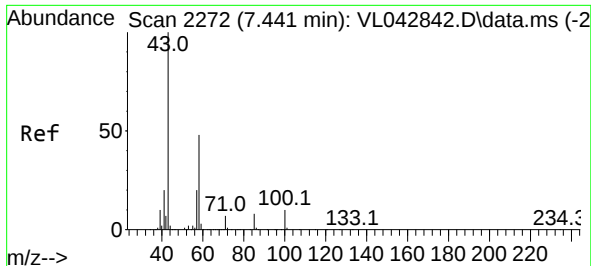
Tgt Ion: 43 Resp: 331985

Ion Ratio Lower Upper

43 100

58 36.1 29.8 44.8

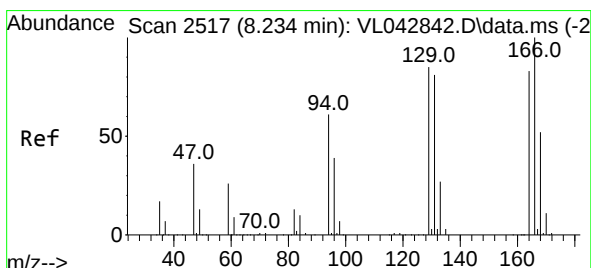
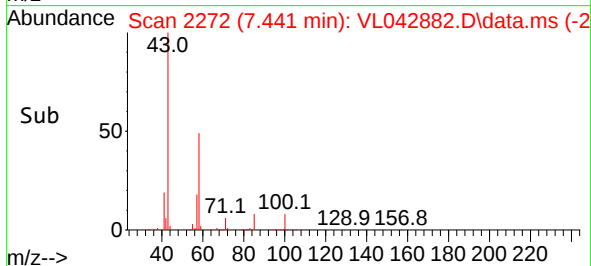
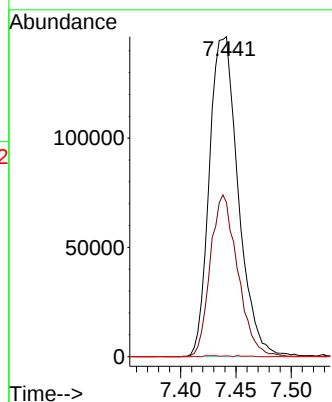
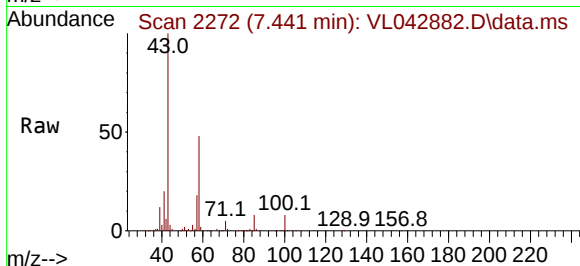




#51
2-Hexanone
Concen: 11.031 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

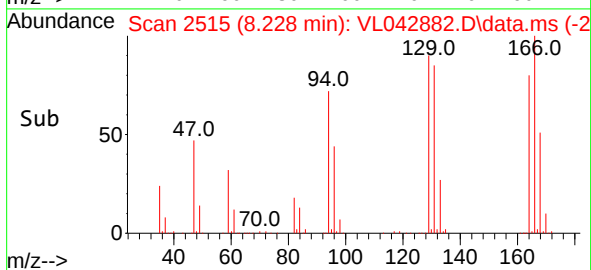
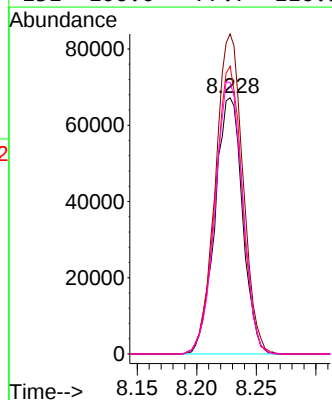
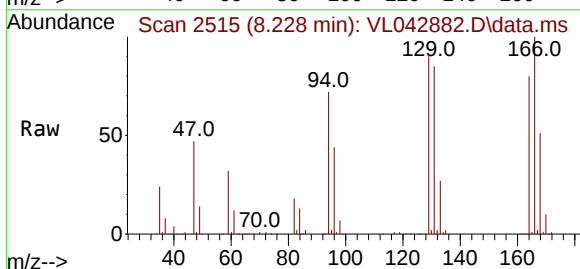
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

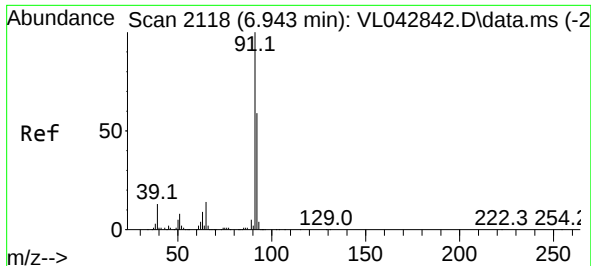
Tgt Ion: 43 Resp: 265868
Ion Ratio Lower Upper
43 100
58 48.2 41.0 61.6
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.295 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion:164 Resp: 108061
Ion Ratio Lower Upper
164 100
166 124.9 96.5 144.7
129 112.3 81.8 122.6
131 106.0 77.7 116.5

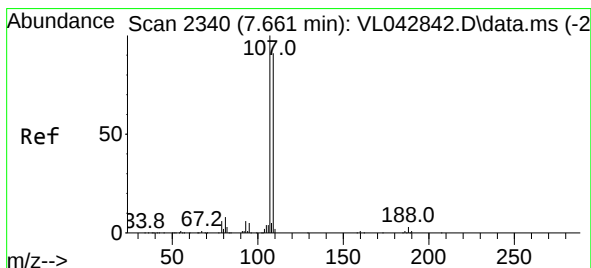
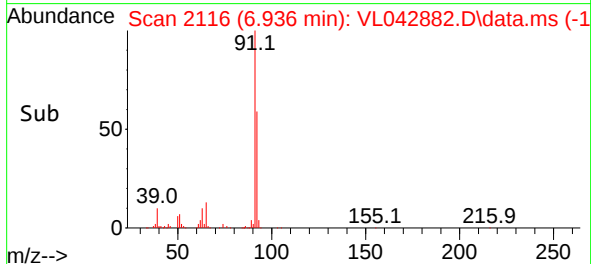
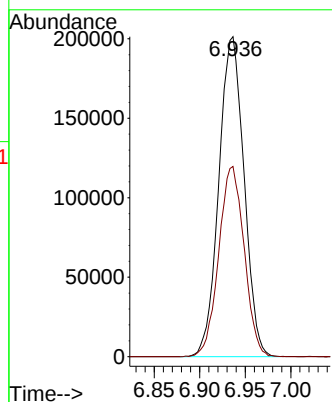
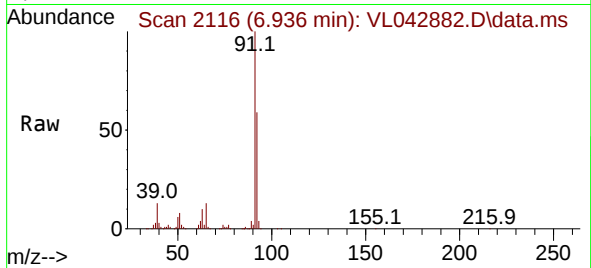




#53
Toluene
Concen: 10.141 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

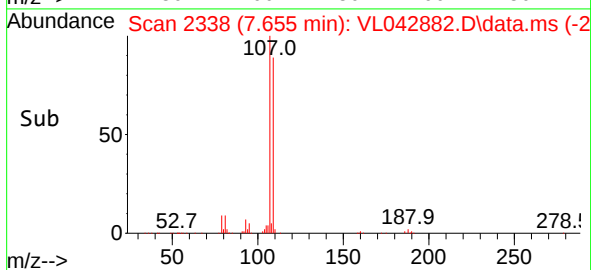
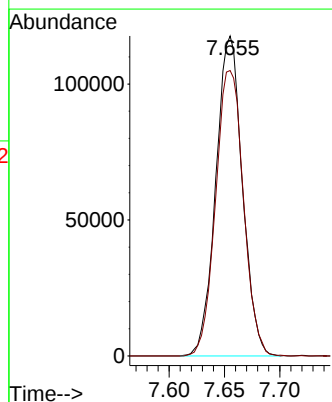
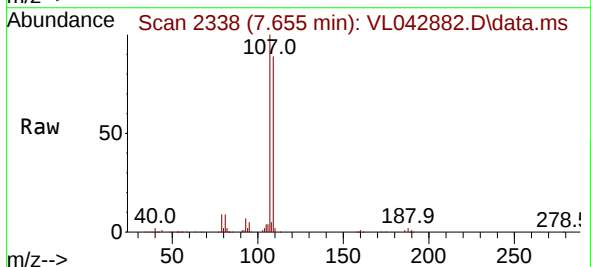
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

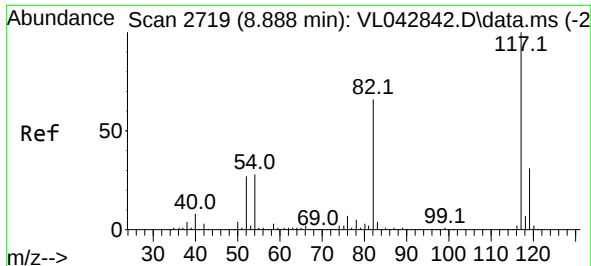
Tgt Ion: 91 Resp: 387446
Ion Ratio Lower Upper
91 100
92 59.9 47.8 71.6



#54
1,2-Dibromoethane
Concen: 10.805 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 107 Resp: 196360
Ion Ratio Lower Upper
107 100
109 89.2 72.5 108.7

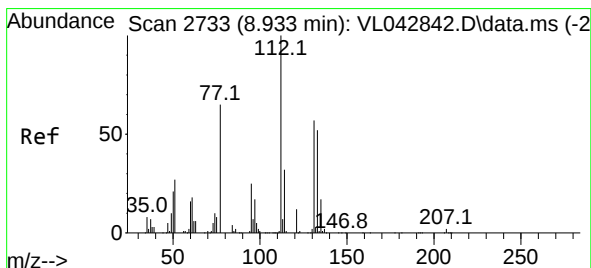
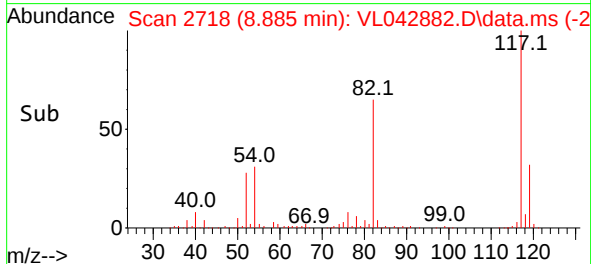
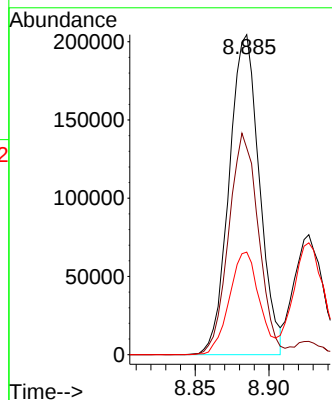
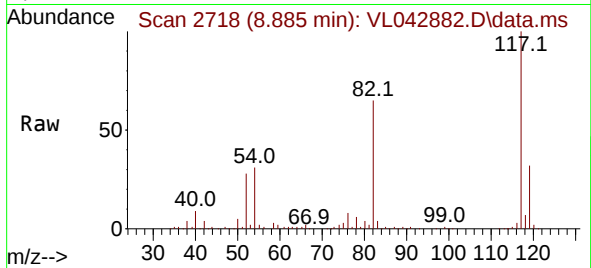




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

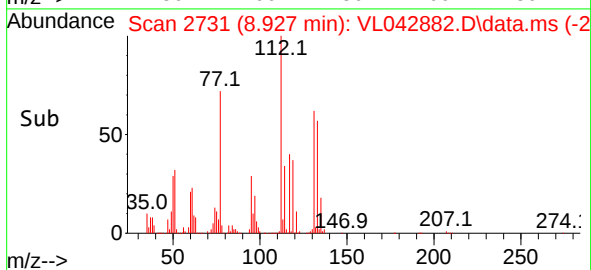
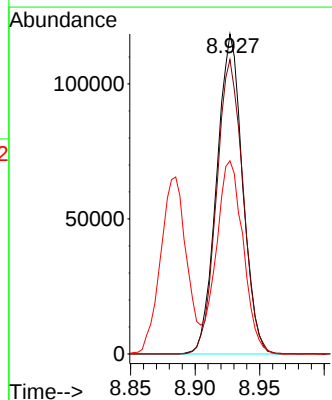
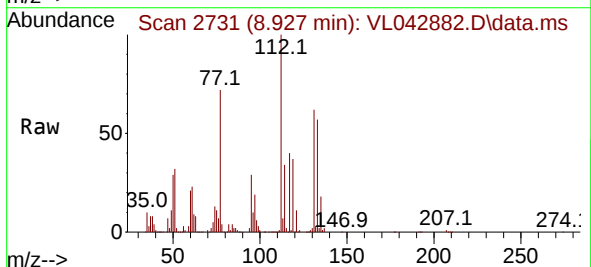
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

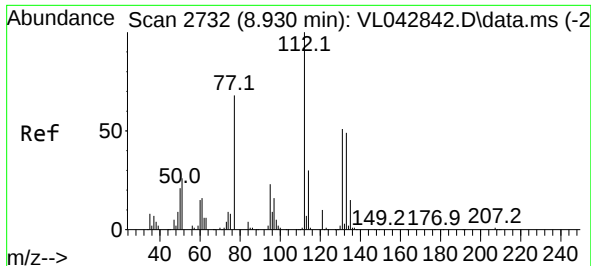
Tgt Ion:117 Resp: 291587
Ion Ratio Lower Upper
117 100
82 68.9 54.6 81.8
119 32.7 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 10.942 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion:131 Resp: 164994
Ion Ratio Lower Upper
131 100
133 94.0 77.4 116.0
119 61.2 51.2 76.8





#57

Chlorobenzene

Concen: 10.671 ppbv

RT: 8.924 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

VL0826ABS01

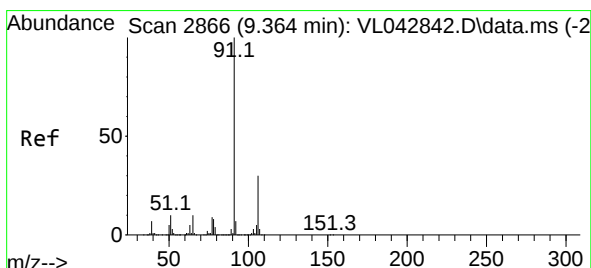
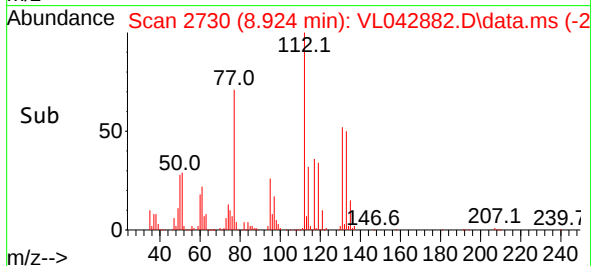
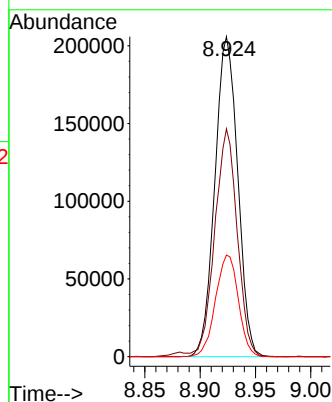
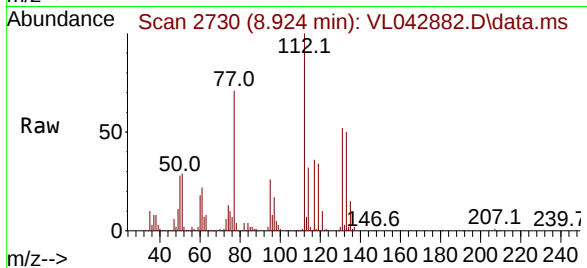
Tgt Ion:112 Resp: 295860

Ion Ratio Lower Upper

112 100

77 71.2 55.5 83.3

114 31.7 27.2 33.2



#58

Ethyl Benzene

Concen: 10.700 ppbv

RT: 9.354 min Scan# 2863

Delta R.T. -0.010 min

Lab File: VL042882.D

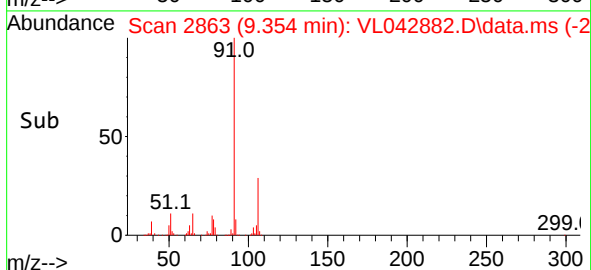
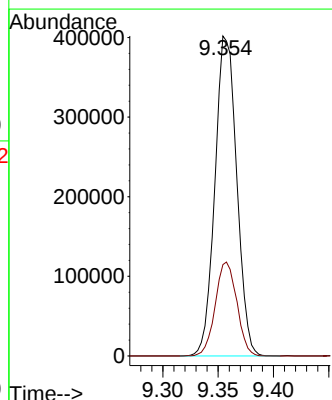
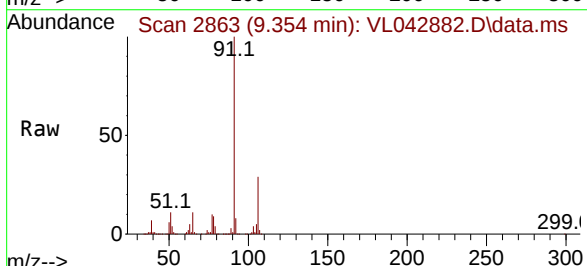
Acq: 26 Aug 2025 12:58

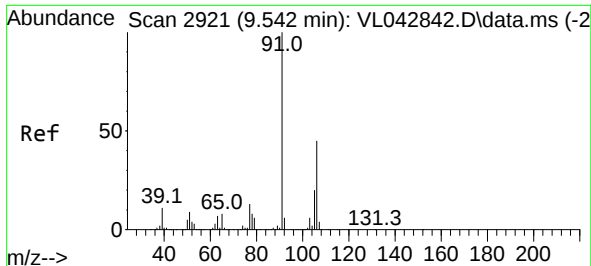
Tgt Ion: 91 Resp: 550572

Ion Ratio Lower Upper

91 100

106 28.5 23.9 35.9





#59

m/p-Xylene

Concen: 12.217 ppbv

RT: 9.536 min Scan# 2919

Delta R.T. -0.006 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

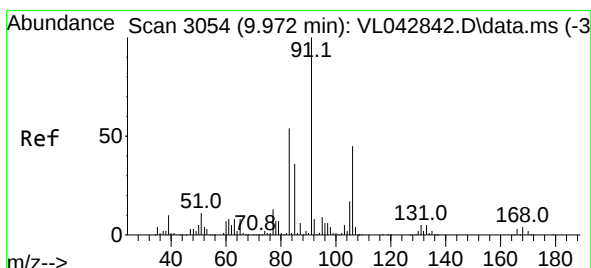
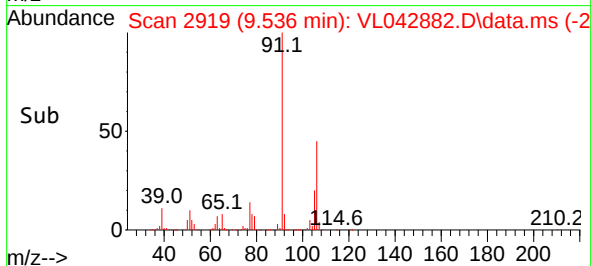
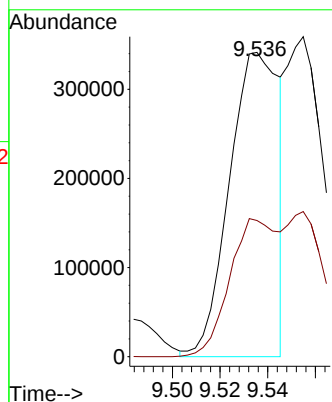
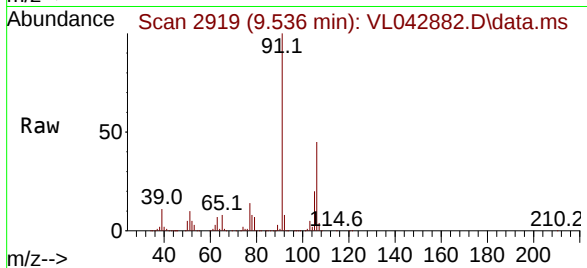
VL0826ABS01

Tgt Ion: 91 Resp: 492756

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 11.020 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.006 min

Lab File: VL042882.D

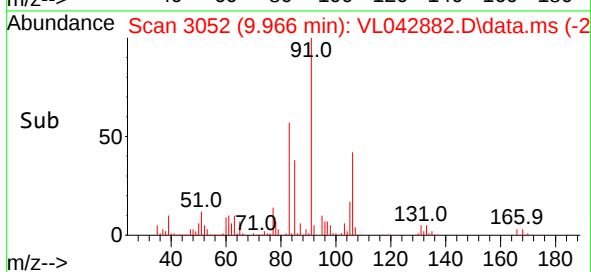
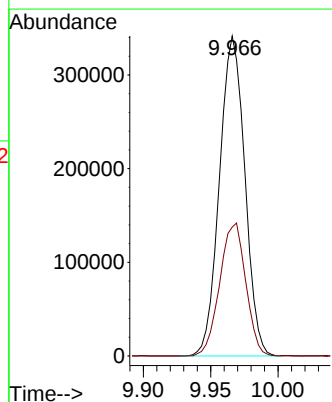
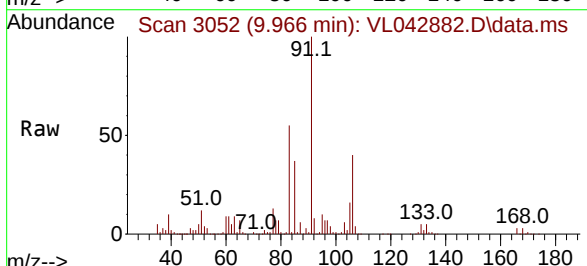
Acq: 26 Aug 2025 12:58

Tgt Ion: 91 Resp: 447101

Ion Ratio Lower Upper

91 100

106 42.6 21.8 65.4

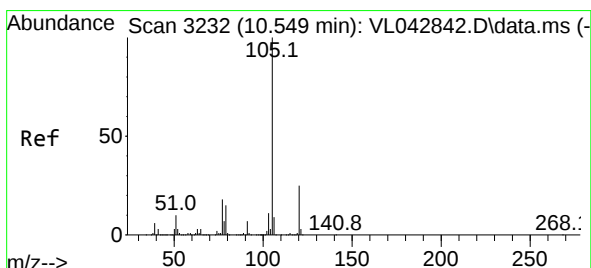
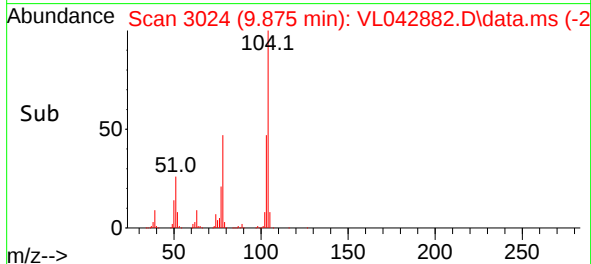
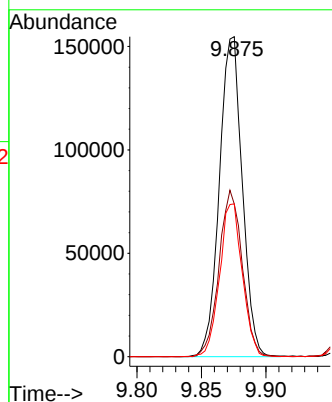
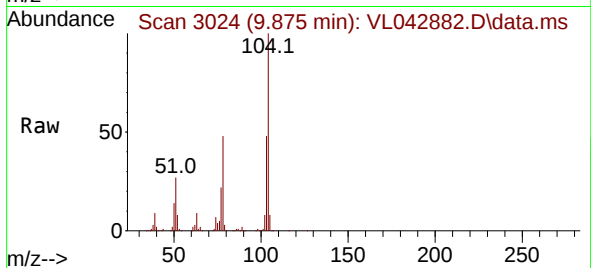




#61
Styrene
Concen: 10.018 ppbv
RT: 9.875 min Scan# 3025
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

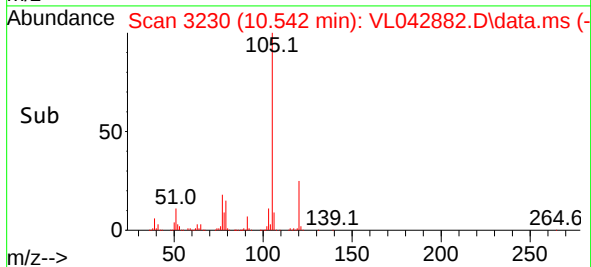
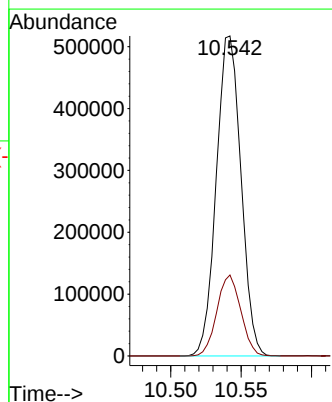
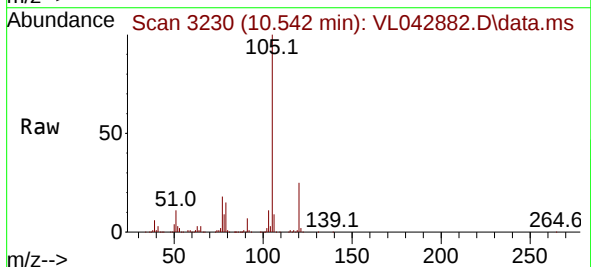
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

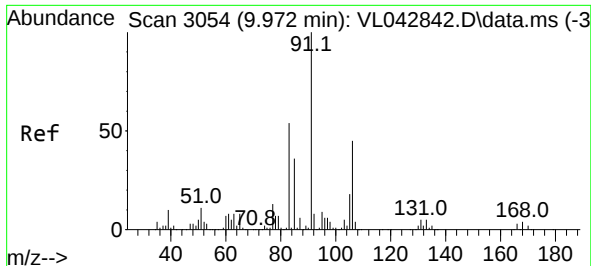
Tgt Ion:104 Resp: 190432
Ion Ratio Lower Upper
104 100
78 53.0 40.6 61.0
103 47.5 37.7 56.5



#62
Isopropylbenzene
Concen: 10.656 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion:105 Resp: 631812
Ion Ratio Lower Upper
105 100
120 24.5 20.6 30.8

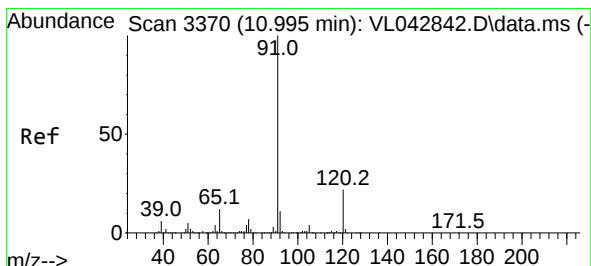
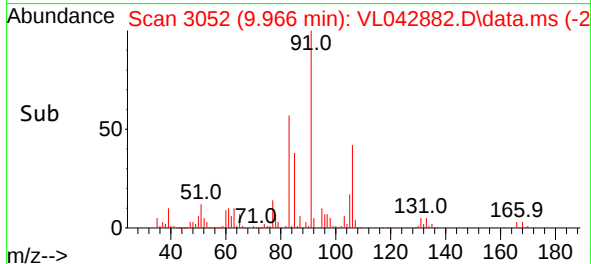
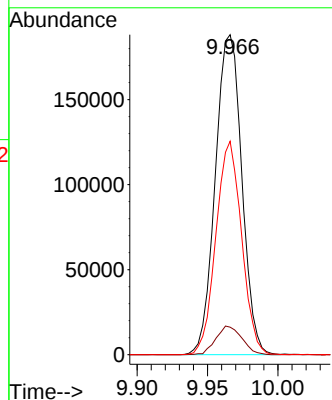
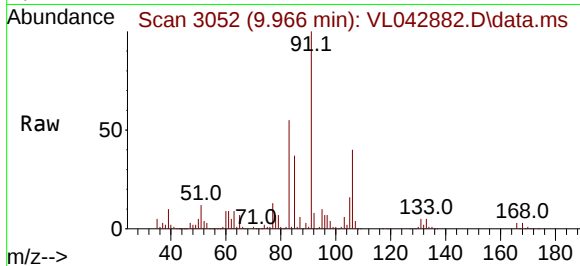




#63
1,1,2,2-Tetrachloroethane
Concen: 11.067 ppbv
RT: 9.966 min Scan# 3054
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

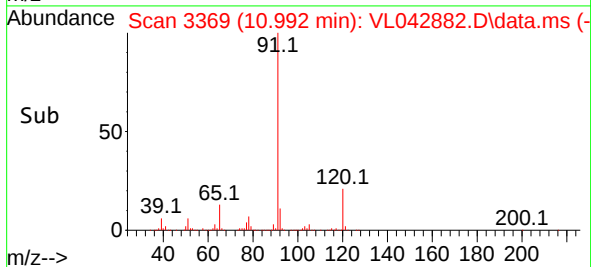
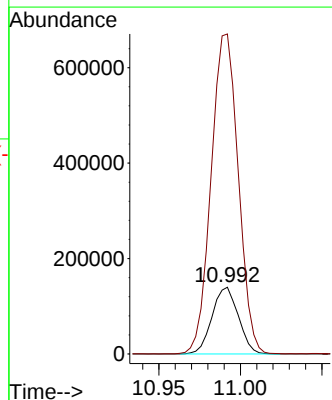
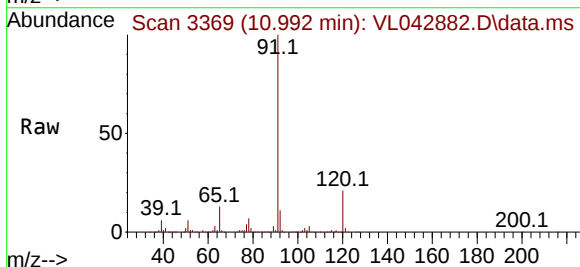
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

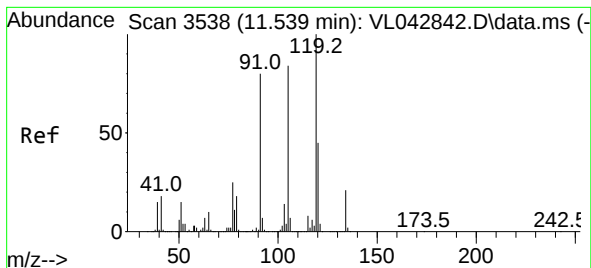
Tgt Ion: 83 Resp: 246924
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 64.6 32.3 96.8



#64
n-propylbenzene
Concen: 10.346 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion:120 Resp: 156519
Ion Ratio Lower Upper
120 100
91 496.2 375.8 563.6

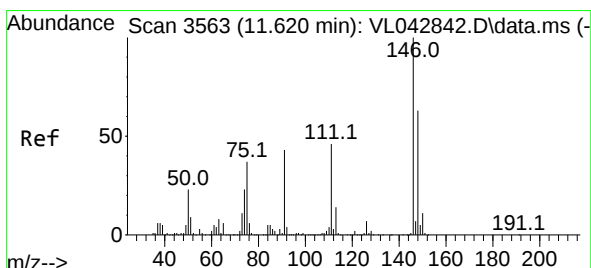
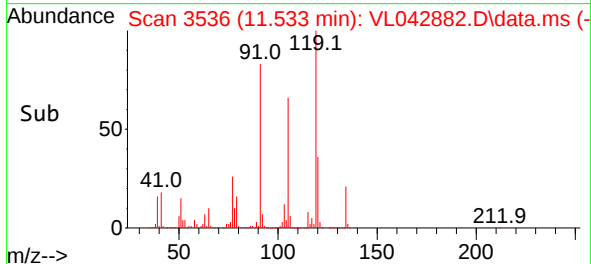
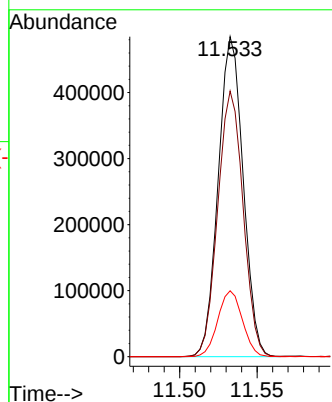
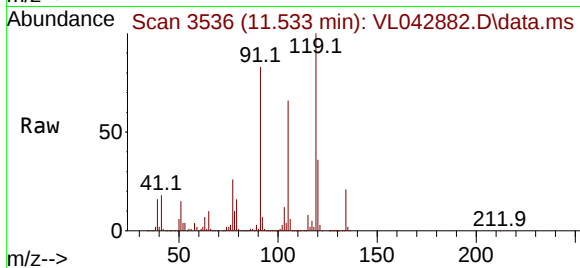




#65
tert-Butylbenzene
Concen: 10.384 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

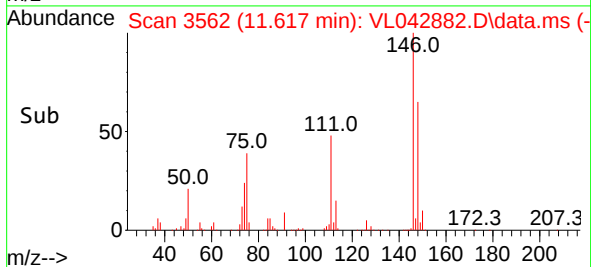
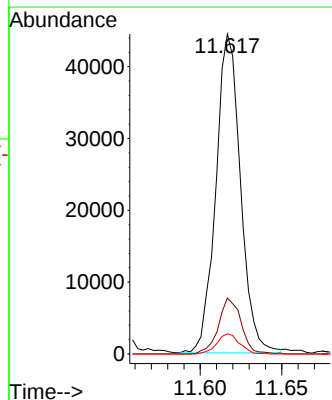
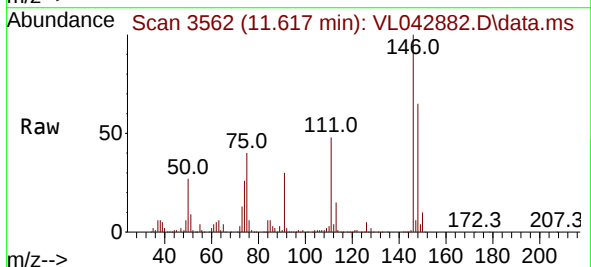
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

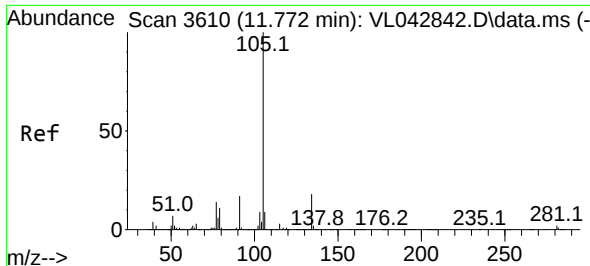
Tgt Ion:119 Resp: 542756
Ion Ratio Lower Upper
119 100
91 84.5 63.9 95.9
134 20.3 17.0 25.4



#66
Benzyl Chloride
Concen: 7.035 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 91 Resp: 46679
Ion Ratio Lower Upper
91 100
126 16.2 14.2 21.4
128 5.8 5.0 7.6

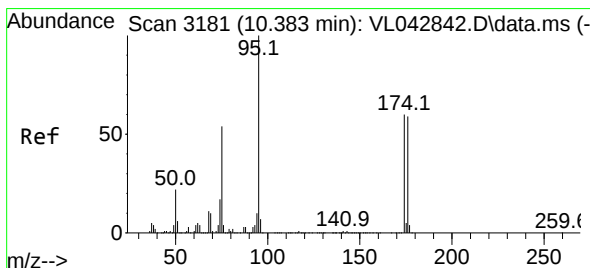
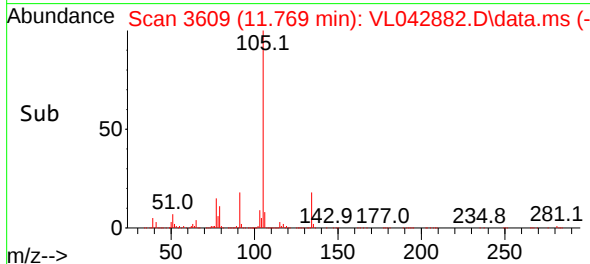
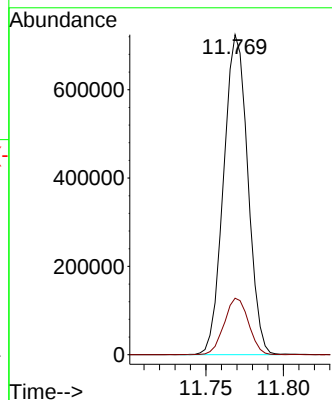
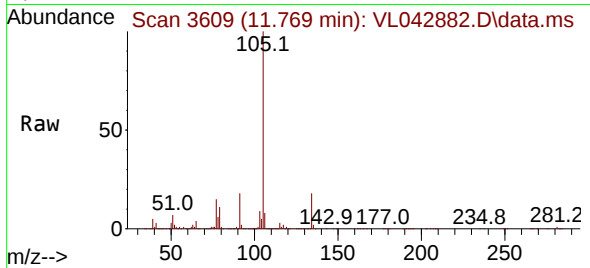




#67
 sec-Butylbenzene
 Concen: 10.724 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

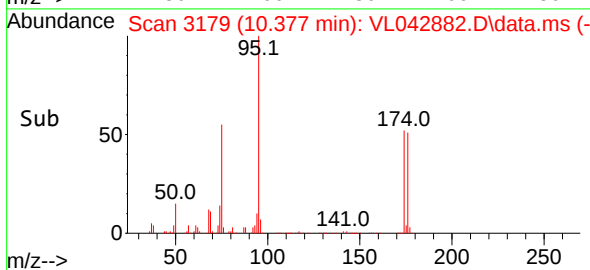
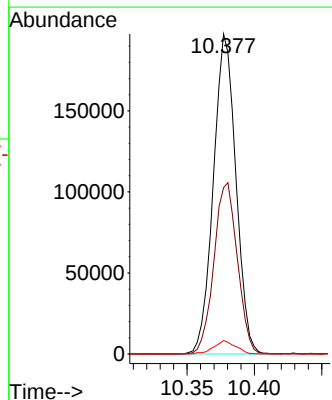
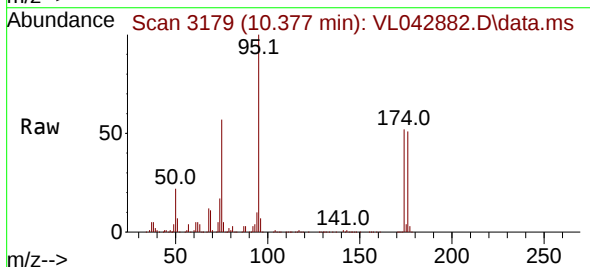
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01

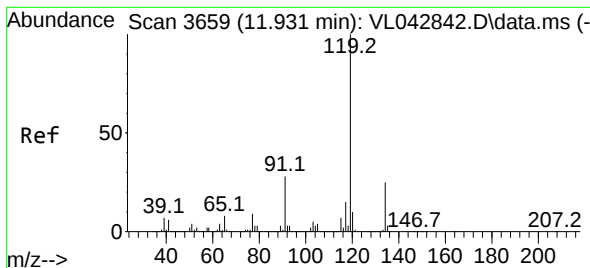
Tgt Ion:105 Resp: 786777
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.482 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.006 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Tgt Ion: 95 Resp: 229231
 Ion Ratio Lower Upper
 95 100
 174 55.7 48.4 72.6
 175 4.1 3.8 5.8

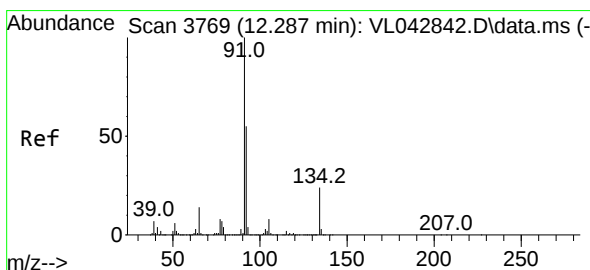
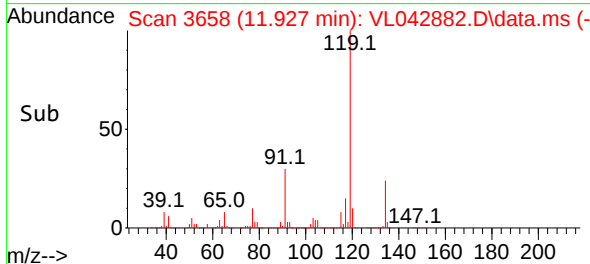
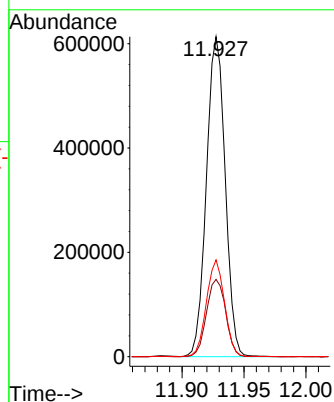
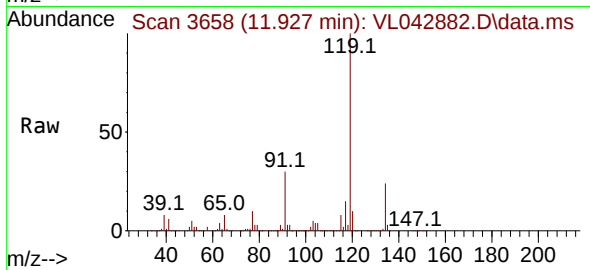




#69
p-Isopropyltoluene
Concen: 10.259 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

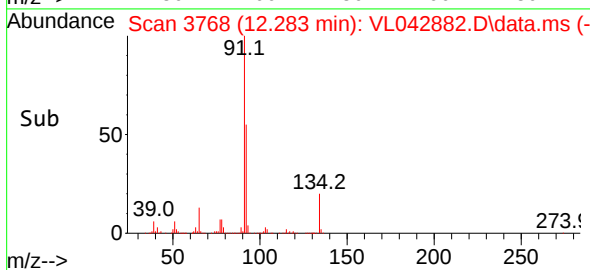
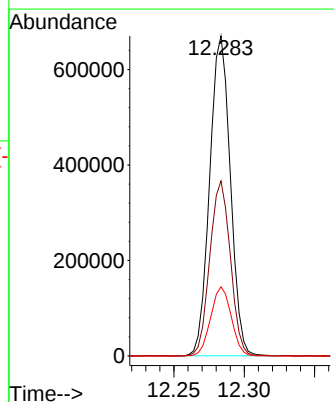
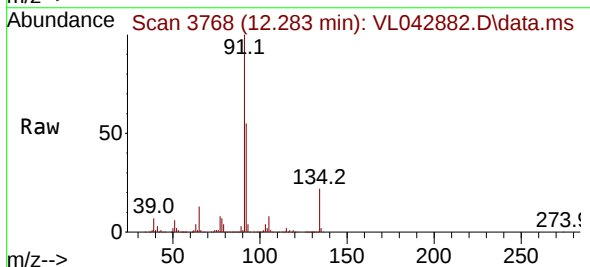
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

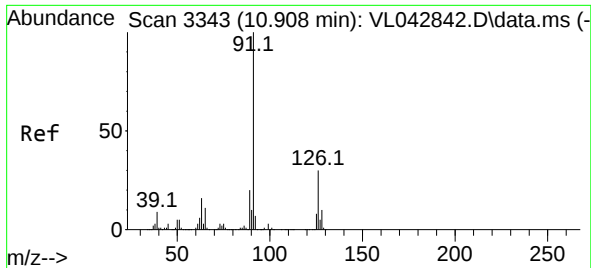
Tgt Ion:119 Resp: 646167
Ion Ratio Lower Upper
119 100
134 24.9 20.6 30.8
91 29.4 22.6 34.0



#70
n-Butylbenzene
Concen: 10.953 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 91 Resp: 684256
Ion Ratio Lower Upper
91 100
92 54.5 44.6 66.8
134 21.5 19.0 28.4

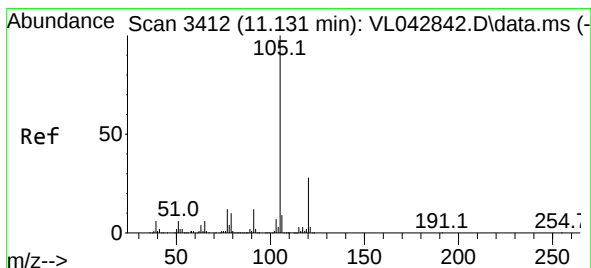
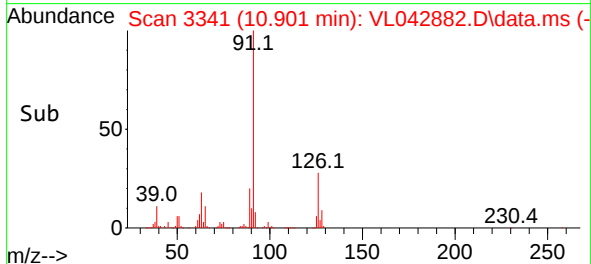
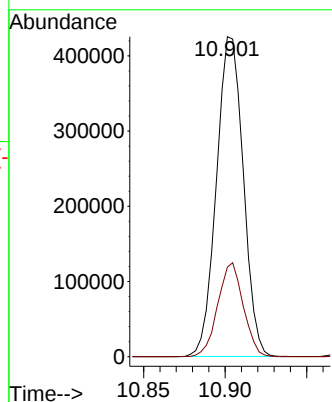
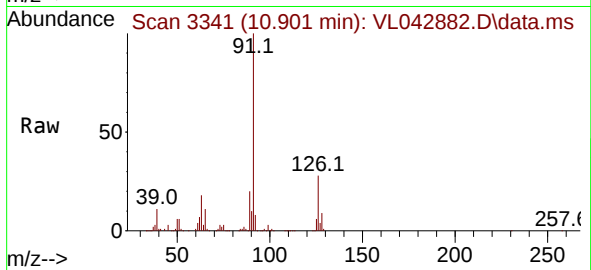




#71
2-Chlorotoluene
Concen: 10.559 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

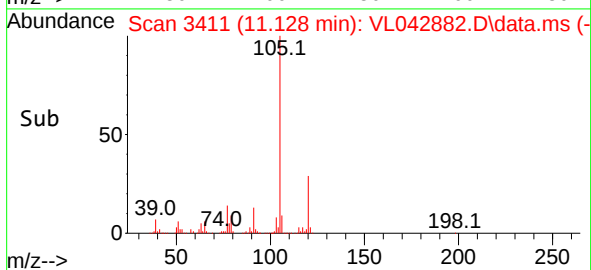
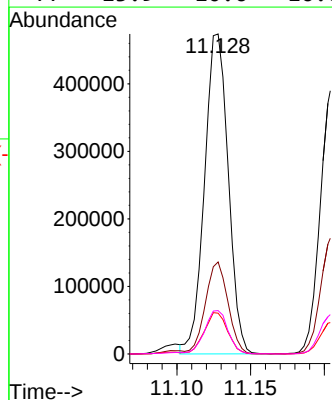
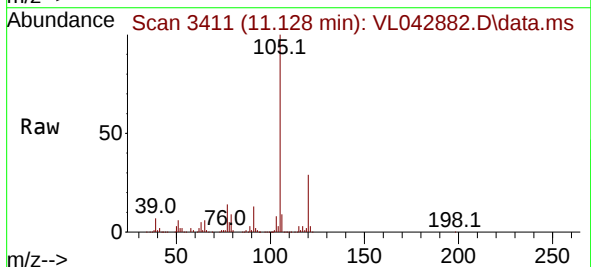
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

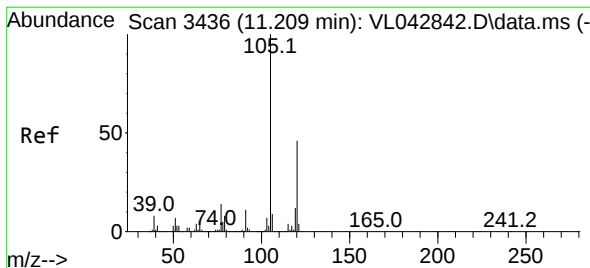
Tgt Ion: 91 Resp: 486123
Ion Ratio Lower Upper
91 100
126 27.9 12.0 47.8



#72
4-Ethyltoluene
Concen: 10.759 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion: 105 Resp: 529149
Ion Ratio Lower Upper
105 100
120 28.4 23.4 35.2
91 13.2 9.8 14.6
77 13.9 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 10.571 ppbv

RT: 11.206 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

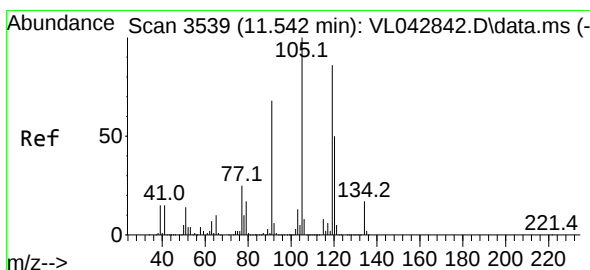
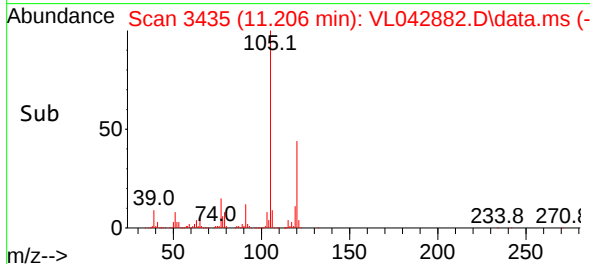
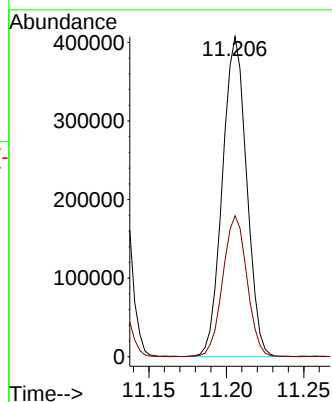
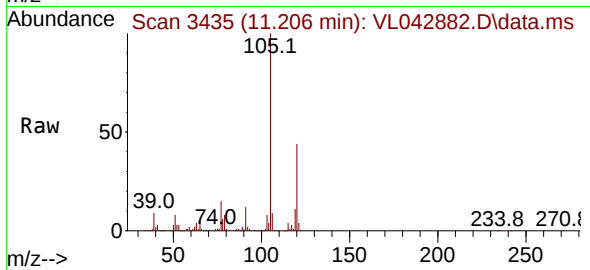
VL0826ABS01

Tgt Ion:105 Resp: 442121

Ion Ratio Lower Upper

105 100

120 44.0 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 10.538 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Tgt Ion:105 Resp: 483783

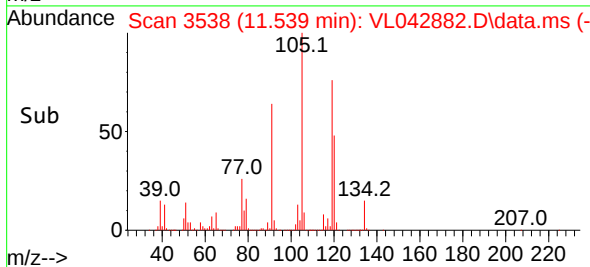
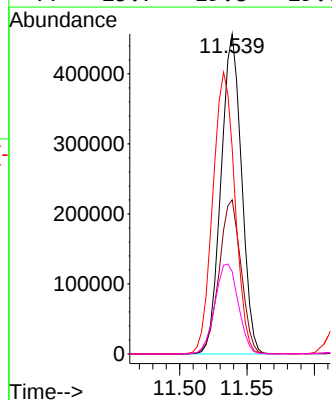
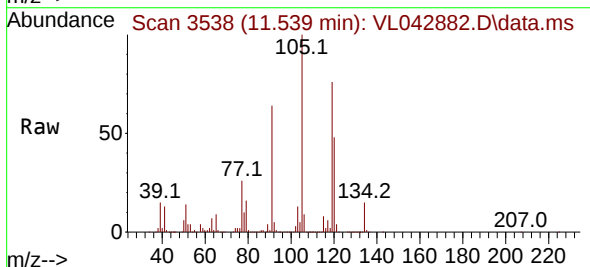
Ion Ratio Lower Upper

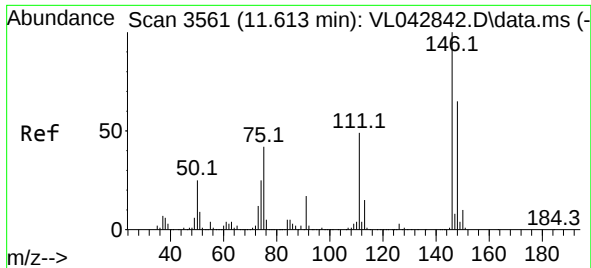
105 100

120 48.1 39.8 59.6

91 64.3 54.2 81.4

77 25.7 19.8 29.6

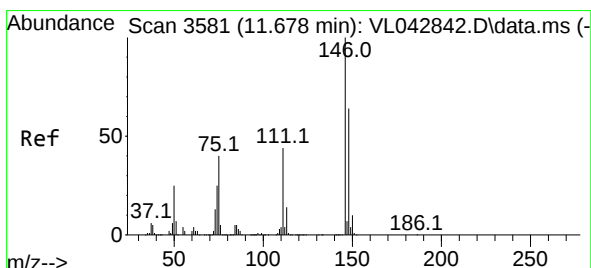
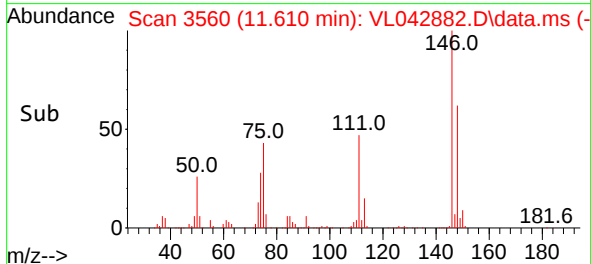
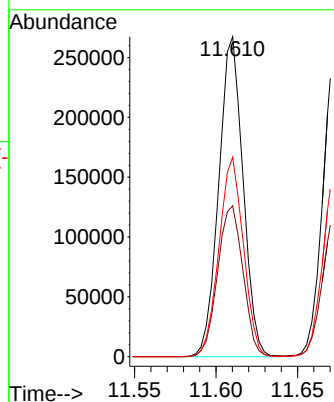
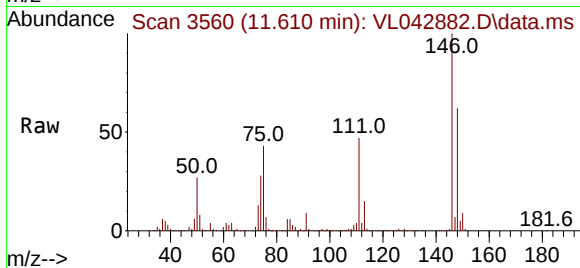




#75
1,3-Dichlorobenzene
Concen: 10.591 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

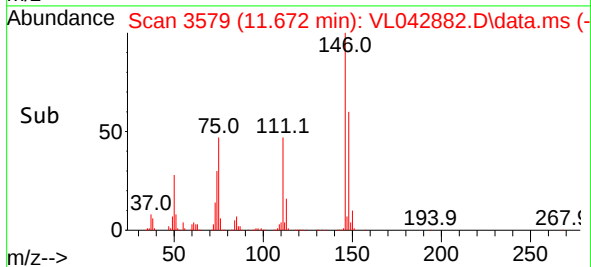
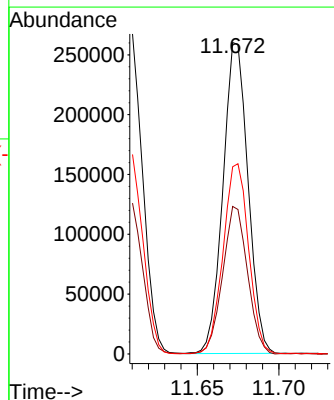
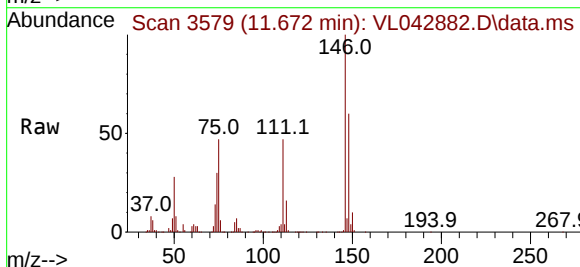
Instrument :
MSVOA_L
ClientSampleId :
VL0826ABS01

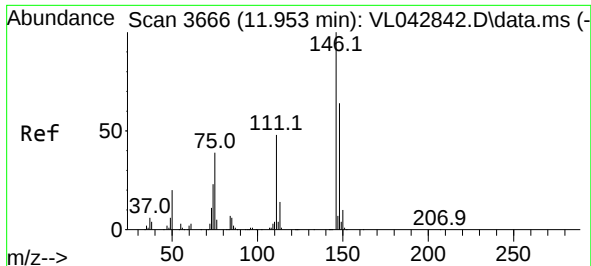
Tgt Ion:146 Resp: 276403
Ion Ratio Lower Upper
146 100
111 49.4 23.9 71.7
148 62.8 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 10.519 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.006 min
Lab File: VL042882.D
Acq: 26 Aug 2025 12:58

Tgt Ion:146 Resp: 277642
Ion Ratio Lower Upper
146 100
111 47.1 22.7 68.1
148 62.6 31.8 95.3

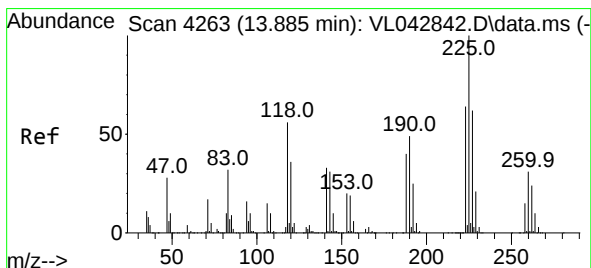
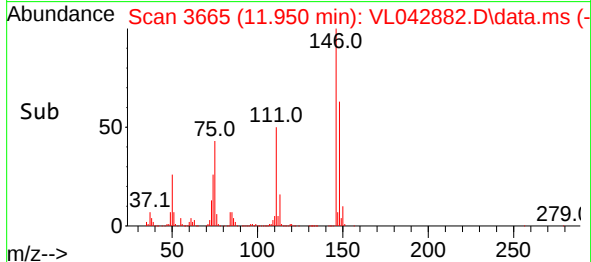
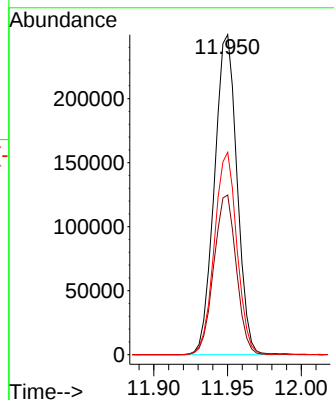
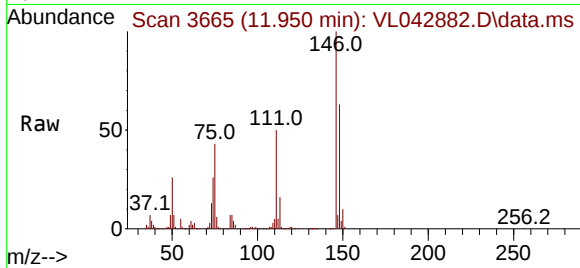




#77
 1,2-Dichlorobenzene
 Concen: 10.423 ppbv
 RT: 11.950 min Scan# 3665
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

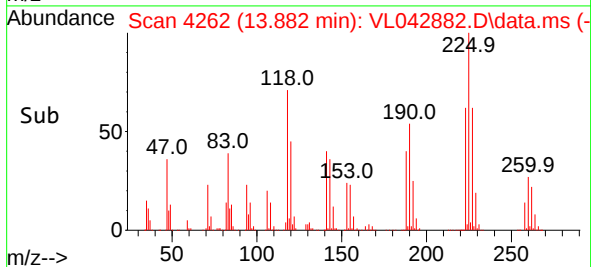
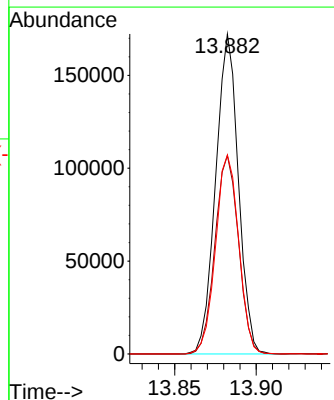
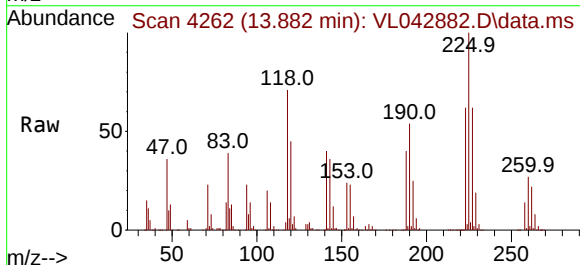
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01

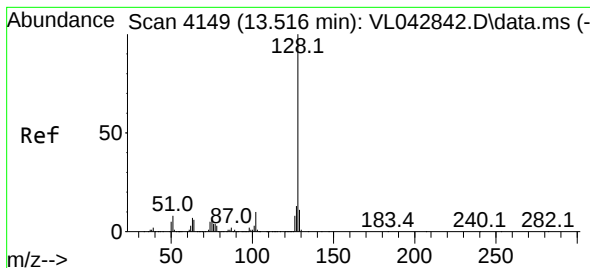
Tgt Ion:146 Resp: 266369
 Ion Ratio Lower Upper
 146 100
 111 49.7 24.6 74.0
 148 63.1 32.0 96.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.953 ppbv
 RT: 13.882 min Scan# 4262
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Tgt Ion:225 Resp: 166586
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.4 77.2
 227 63.5 51.9 77.9





#79

Naphthalene

Concen: 10.226 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

Instrument :

MSVOA_L

ClientSampleId :

VL0826ABS01

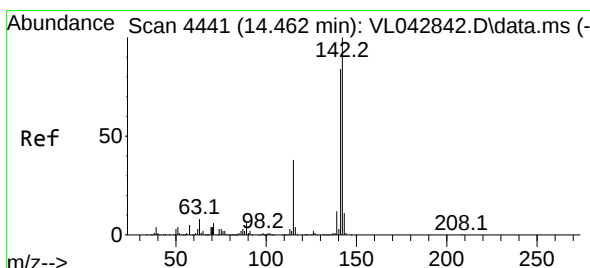
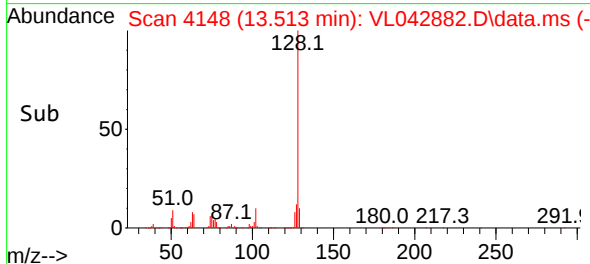
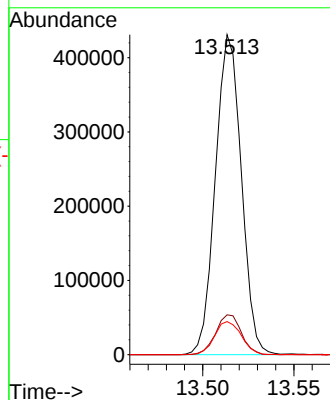
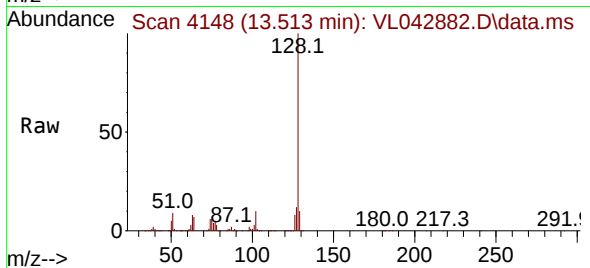
Tgt Ion:128 Resp: 425618

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.3 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 8.718 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.003 min

Lab File: VL042882.D

Acq: 26 Aug 2025 12:58

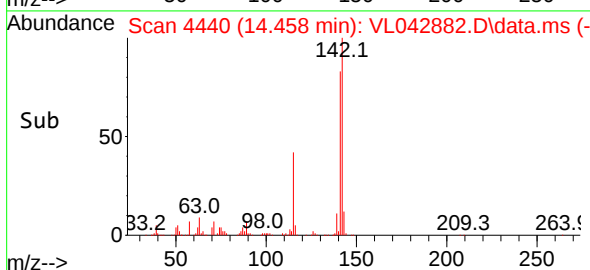
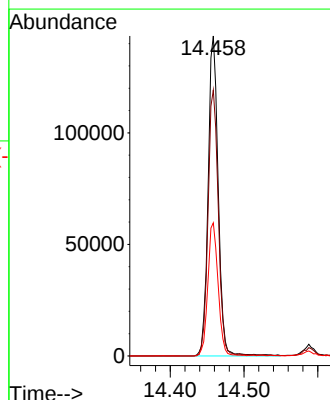
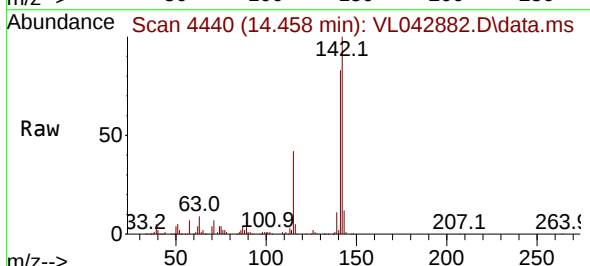
Tgt Ion:142 Resp: 135588

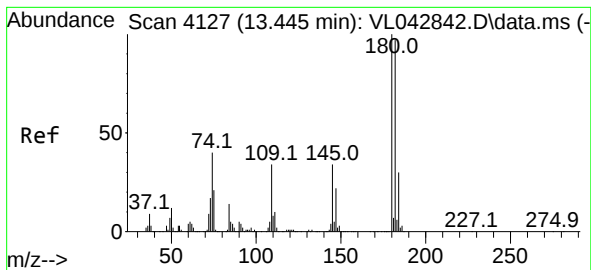
Ion Ratio Lower Upper

142 100

141 85.4 67.0 100.6

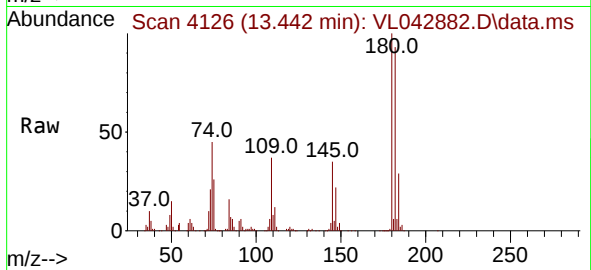
115 42.8 30.9 46.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.868 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042882.D
 Acq: 26 Aug 2025 12:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0826ABS01



Tgt Ion:180 Resp: 206427
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 184 30.0 24.5 36.7

