

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042589.D
 Acq On : 29 May 2025 17:22
 Operator : SY/MD
 Sample : Q2124-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: May 30 02:10:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	113312	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	323127	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	284597	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	215736	10.112	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

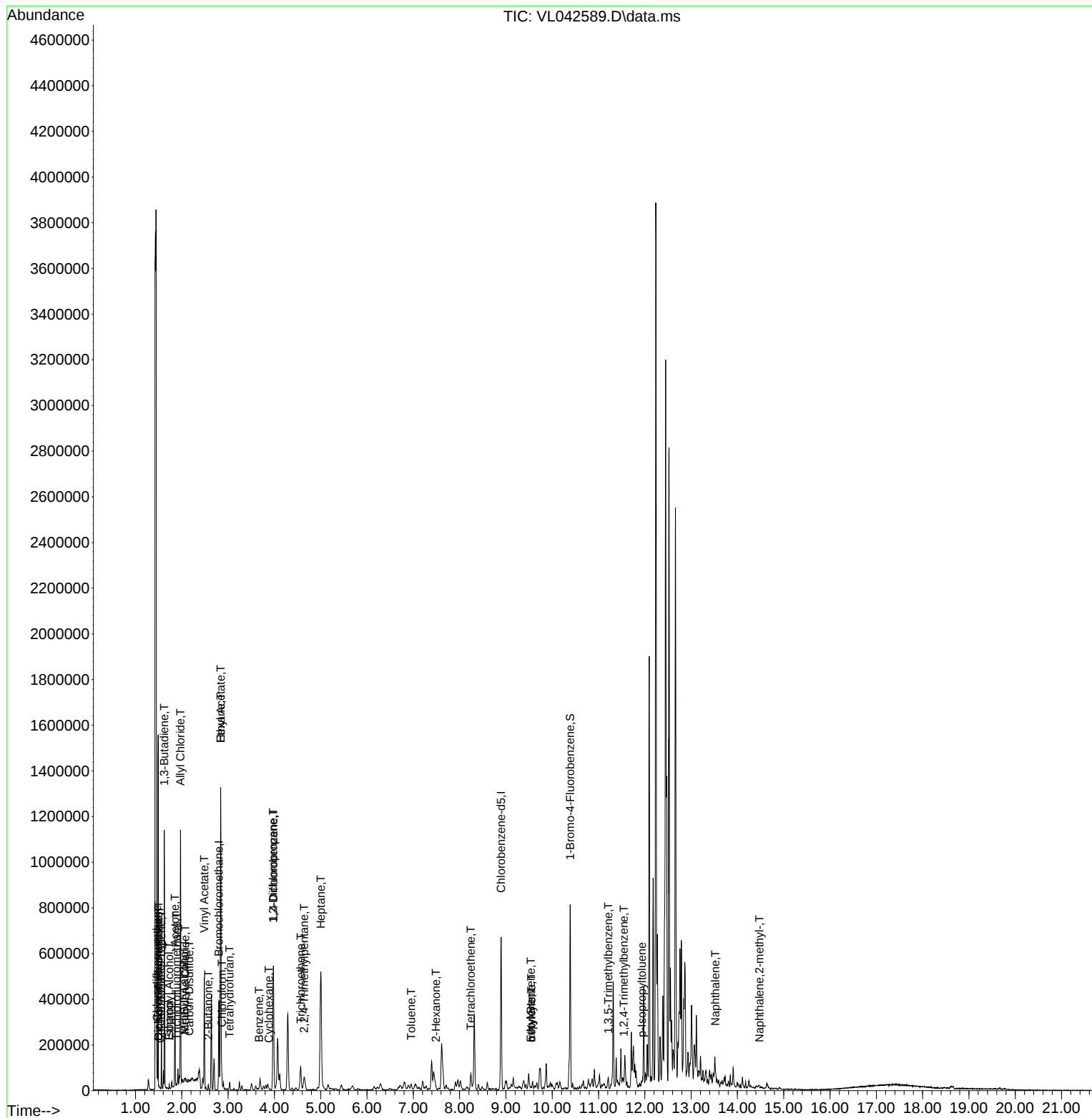
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	1709	0.123	ppbv	89
3) Chlorodifluoromethane	1.463	51	12431	0.648	ppbv #	73
4) Chloromethane	1.534	50	441	0.080	ppbv #	79
8) Dichlorotetrafluoroethane	1.499	85	1709	0.147	ppbv #	19
9) Propene	1.560	41	36754	4.758	ppbv	96
10) Heptane	5.004	43	255645	11.742	ppbv	99
11) Trichlorofluoromethane	1.884	101	609	0.047	ppbv #	62
13) Ethanol	1.729	45	6446	7.003	ppbv #	39
15) Acetone	1.852	43	92763	6.796	ppbv #	62
16) 1,3-Butadiene	1.622	39	70043	10.833	ppbv #	17
17) tert-Butyl alcohol	2.052	59	1413	0.099	ppbv #	72
19) Isopropyl Alcohol	1.729	45	6446	0.790	ppbv #	1
20) Methylene Chloride	2.075	84	2032	0.451	ppbv #	62
21) Allyl Chloride	1.971	41	181413	18.838	ppbv #	54
23) Vinyl Acetate	2.486	43	155738	8.441	ppbv #	43
25) Ethyl Acetate	2.839	43	237140	6.349	ppbv #	77
26) Hexane	2.839	57	343378	20.232	ppbv #	40
27) Carbon Disulfide	2.162	76	4188	0.321	ppbv #	1
29) Chloroform	2.865	83	26841	1.216	ppbv	96
30) Cyclohexane	3.878	84	1923	0.137	ppbv #	20
34) 2-Butanone	2.573	43	14099	0.612	ppbv	98
36) Benzene	3.671	78	1653	0.052	ppbv	96
38) Trichloroethene	4.570	130	7677	0.568	ppbv	94
39) 1,2-Dichloropropane	3.975	63	79412	6.749	ppbv #	30
41) Tetrahydrofuran	3.033	42	4605	0.341	ppbv #	39
44) 2,2,4-Trimethylpentane	4.642	57	2146	0.039	ppbv #	1
51) 2-Hexanone	7.490	43	1179	0.047	ppbv #	28
52) Tetrachloroethene	8.241	164	8503	0.715	ppbv	94
53) Toluene	6.956	91	17436	0.474	ppbv	94
58) Ethyl Benzene	9.539	91	1462	0.030	ppbv	96
59) m/p-Xylene	9.548	91	3150	0.083	ppbv #	79
60) o-Xylene	9.548	91	3150	0.083	ppbv	75
69) p-Isopropyltoluene	11.937	119	4944	0.083	ppbv #	87
73) 1,3,5-Trimethylbenzene	11.212	105	1896	0.048	ppbv #	82
74) 1,2,4-Trimethylbenzene	11.549	105	6380	0.147	ppbv #	72
79) Naphthalene	13.523	128	1502	0.037	ppbv #	1
80) Naphthalene,2-methyl-	14.475	142	806	0.044	ppbv #	64

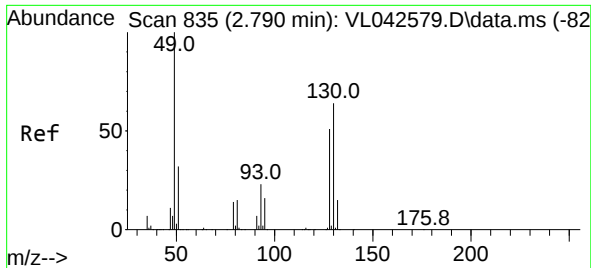
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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SV1

Quant Time: May 30 02:10:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

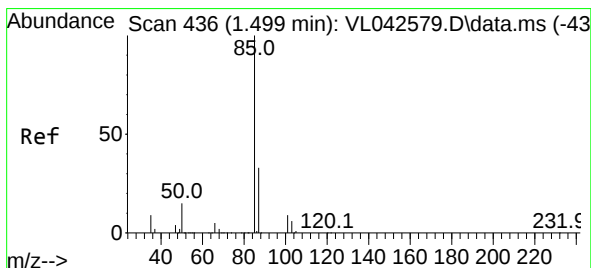
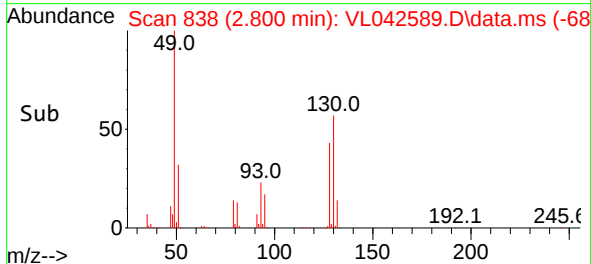
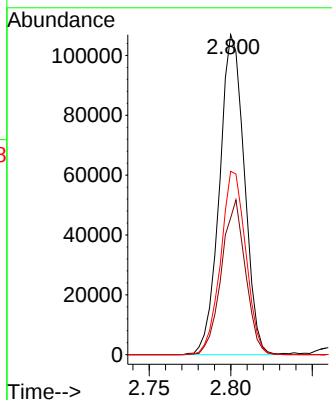
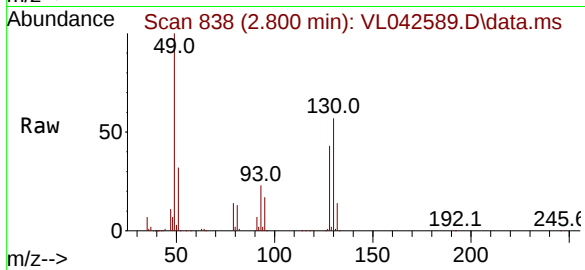




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 835
Delta R.T. 0.010 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

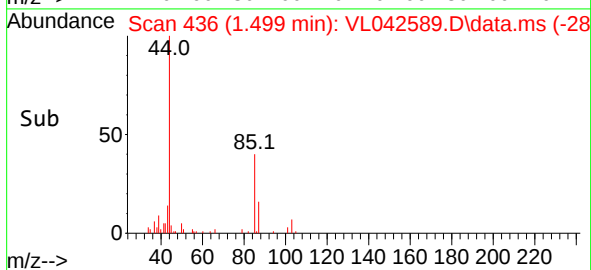
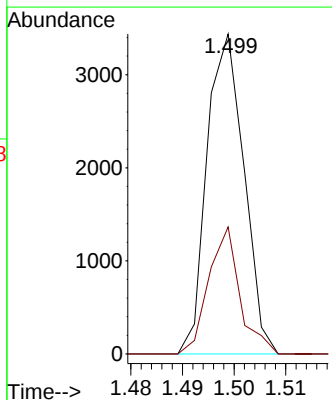
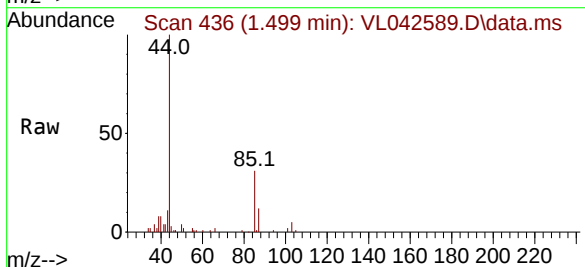
Instrument :
MSVOA_L
ClientSampleId :
SV1

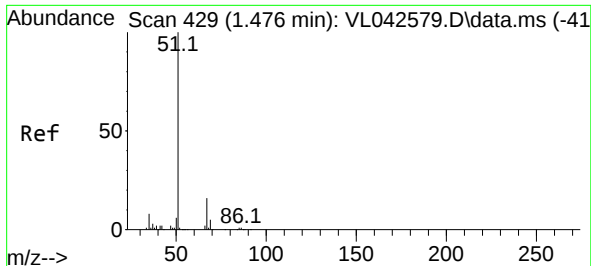
Tgt Ion: 49 Resp: 113312
Ion Ratio Lower Upper
49 100
128 46.6 24.2 72.6
130 58.0 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 85 Resp: 1709
Ion Ratio Lower Upper
85 100
87 39.7 26.6 39.8

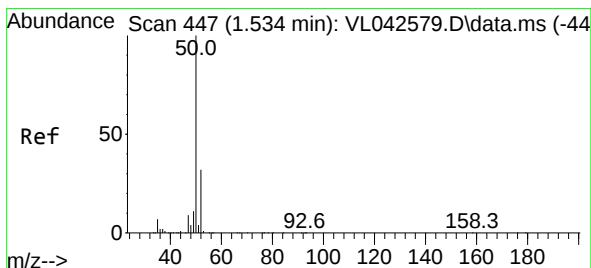
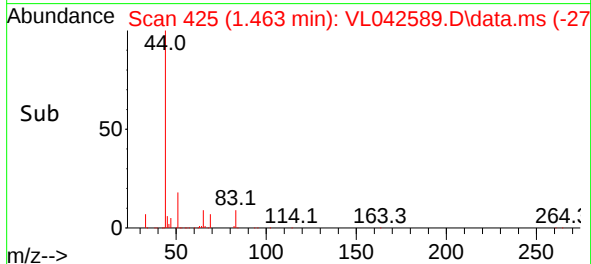
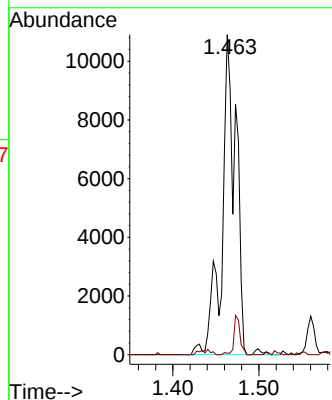
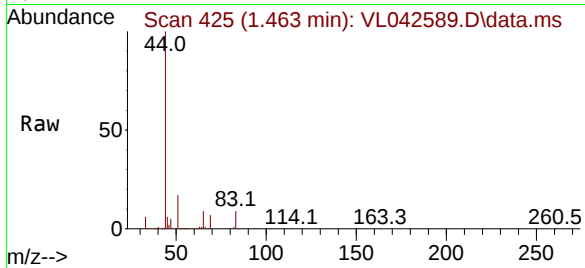




#3
Chlorodifluoromethane
Concen: 0.648 ppbv
RT: 1.463 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

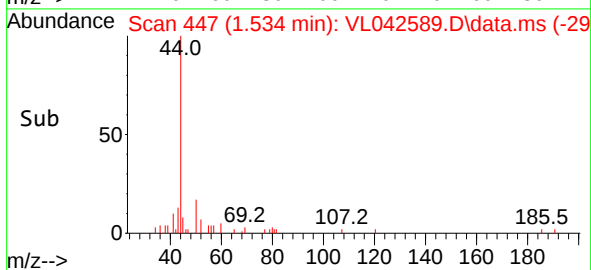
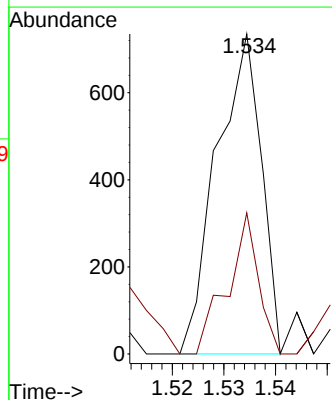
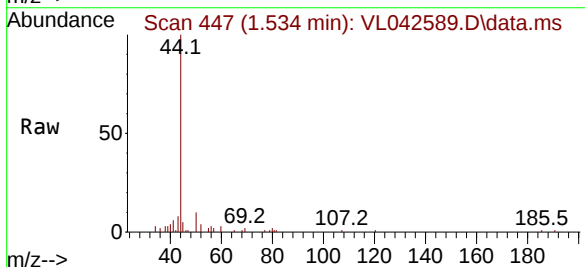
Instrument :
MSVOA_L
ClientSampleId :
SV1

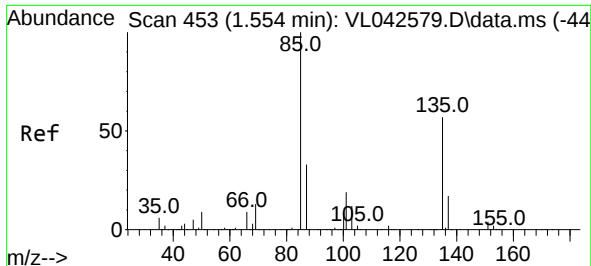
Tgt Ion: 51 Resp: 12431
Ion Ratio Lower Upper
51 100
67 5.3 13.4 20.2#



#4
Chloromethane
Concen: 0.080 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 44.1 25.8 38.6#

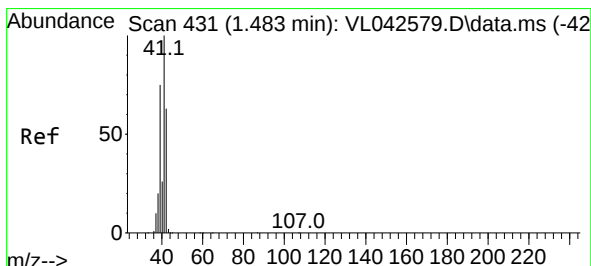
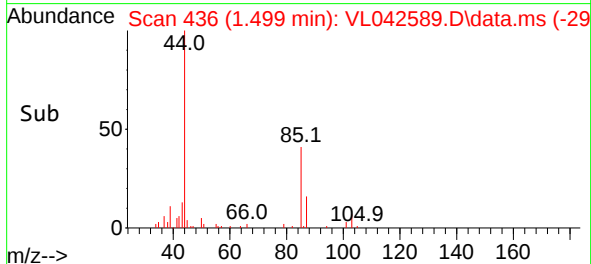
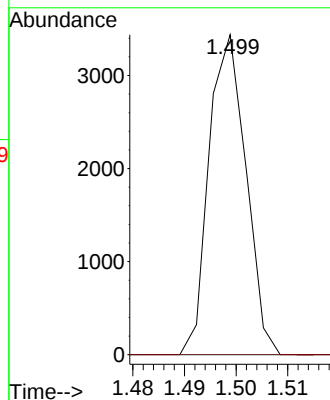
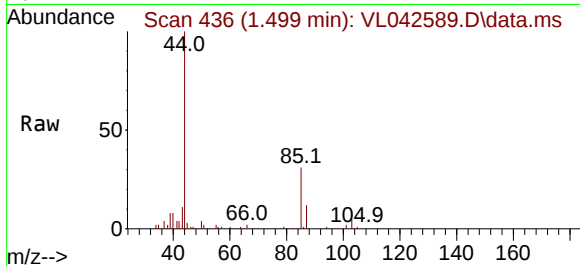




#8
Dichlorotetrafluoroethane
Concen: 0.147 ppbv
RT: 1.499 min Scan# 41
Delta R.T. -0.055 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

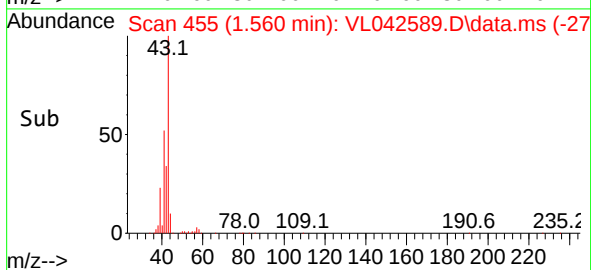
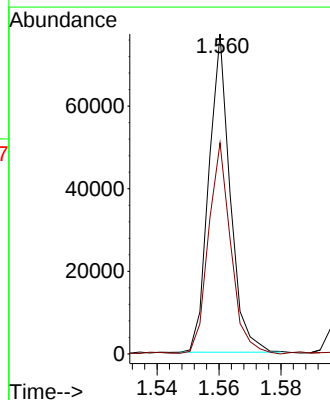
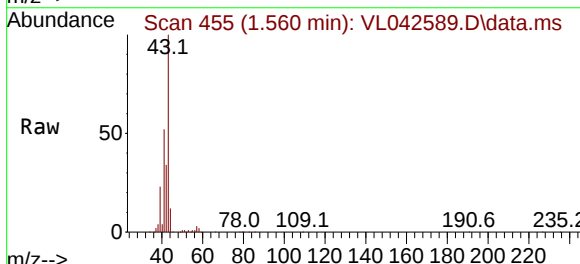
Instrument :
MSVOA_L
ClientSampleId :
SV1

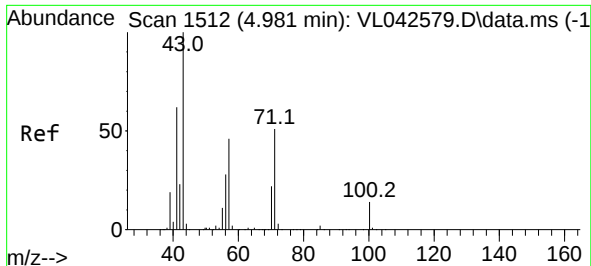
Tgt Ion: 85 Resp: 1709
Ion Ratio Lower Upper
85 100
135 0.0 50.2 75.4#



#9
Propene
Concen: 4.758 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.078 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 41 Resp: 36754
Ion Ratio Lower Upper
41 100
42 69.7 53.3 79.9





#10

Heptane

Concen: 11.742 ppbv

RT: 5.004 min Scan# 11

Delta R.T. 0.023 min

Lab File: VL042589.D

Acq: 29 May 2025 17:22

Instrument :

MSVOA_L

ClientSampleId :

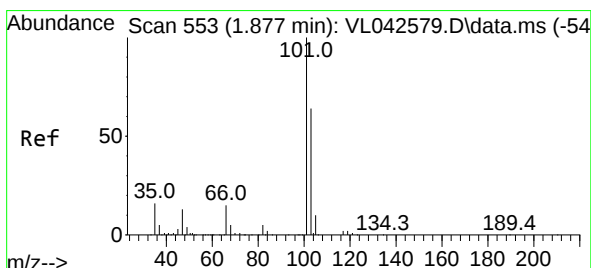
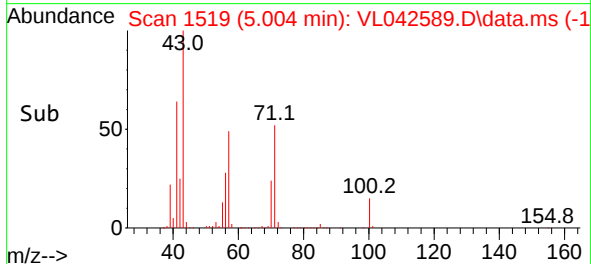
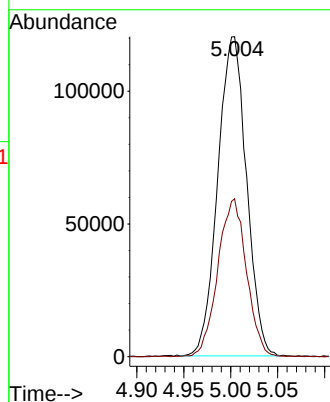
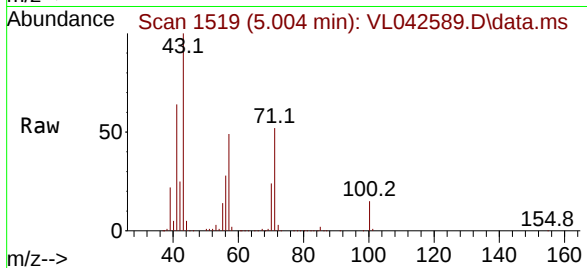
SV1

Tgt Ion: 43 Resp: 255645

Ion Ratio Lower Upper

43 100

57 49.5 38.9 58.3



#11

Trichlorofluoromethane

Concen: 0.047 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.006 min

Lab File: VL042589.D

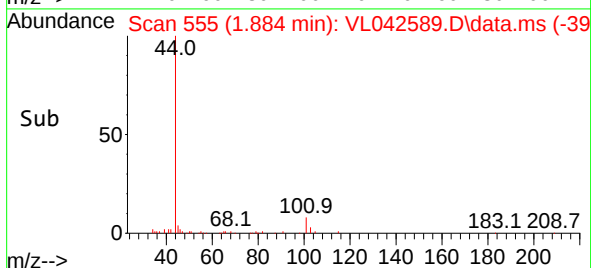
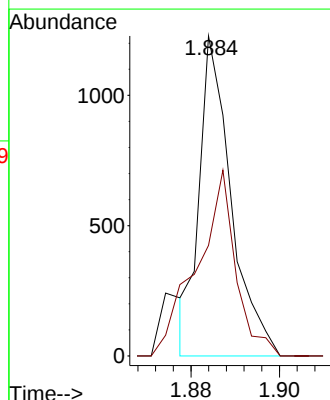
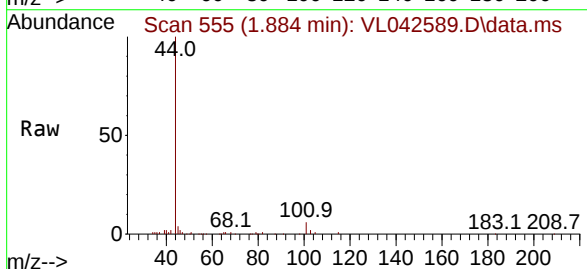
Acq: 29 May 2025 17:22

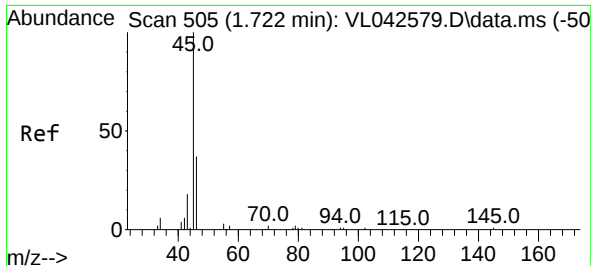
Tgt Ion:101 Resp: 609

Ion Ratio Lower Upper

101 100

103 34.5 51.5 77.3#

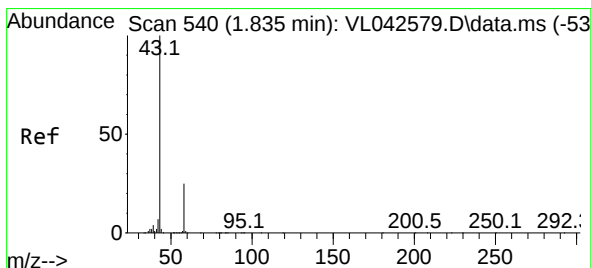
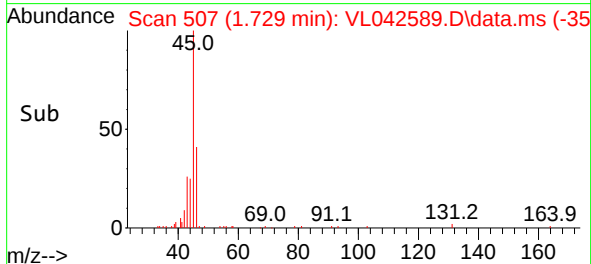
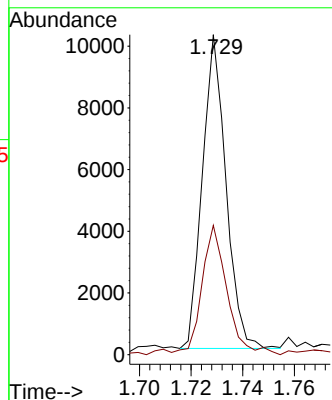
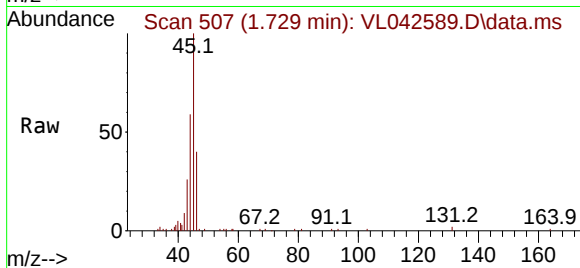




#13
Ethanol
Concen: 7.003 ppbv
RT: 1.729 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

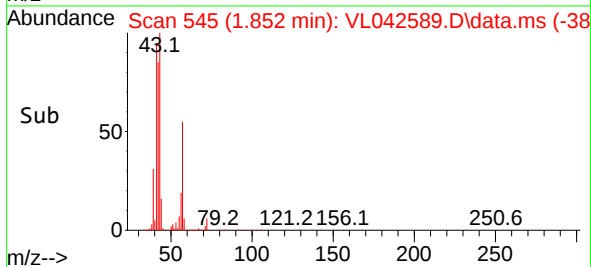
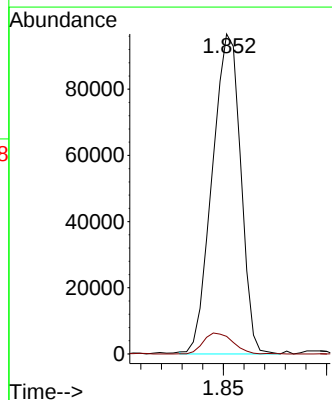
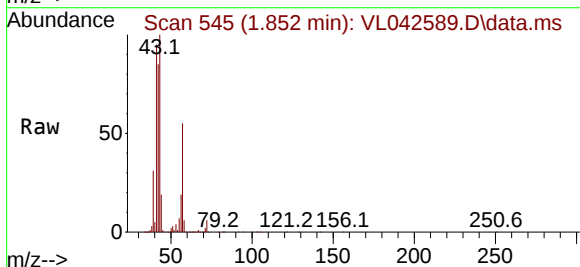
Instrument :
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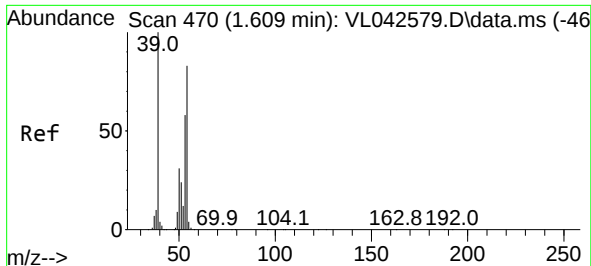
Tgt Ion: 45 Resp: 6446
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1#



#15
Acetone
Concen: 6.796 ppbv
RT: 1.852 min Scan# 545
Delta R.T. 0.016 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 43 Resp: 92763
Ion Ratio Lower Upper
43 100
58 6.9 21.0 31.4#





#16

1,3-Butadiene

Concen: 10.833 ppbv

RT: 1.622 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL042589.D

Acq: 29 May 2025 17:22

Instrument :

MSVOA_L

ClientSampleId :

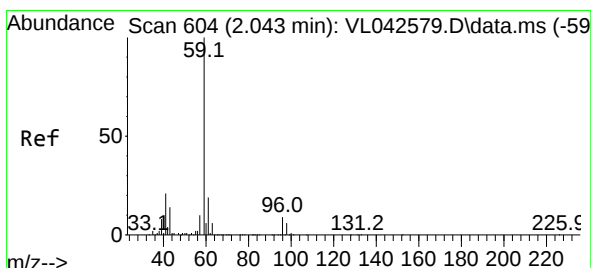
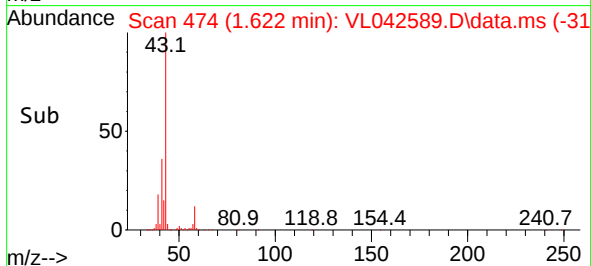
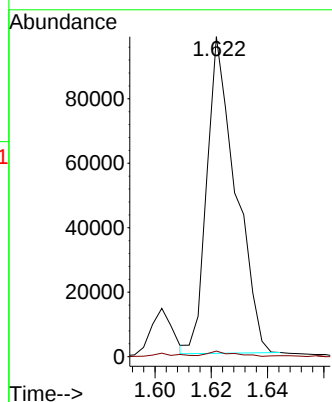
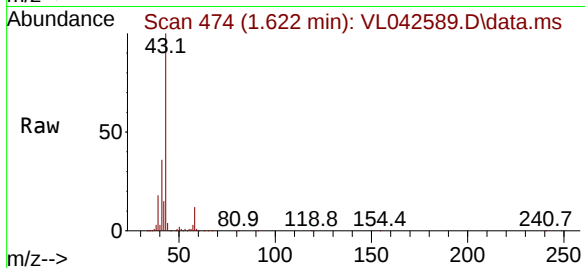
SV1

Tgt Ion: 39 Resp: 70043

Ion Ratio Lower Upper

39 100

54 3.0 57.9 86.9#



#17

tert-Butyl alcohol

Concen: 0.099 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.010 min

Lab File: VL042589.D

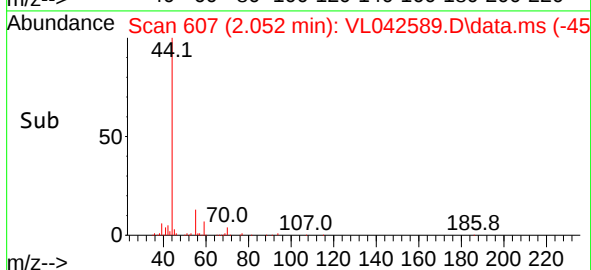
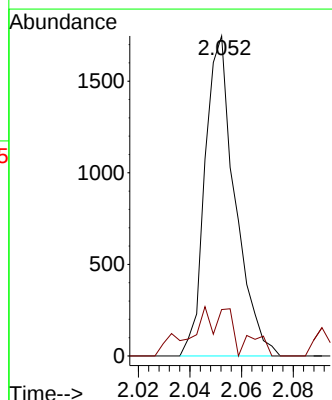
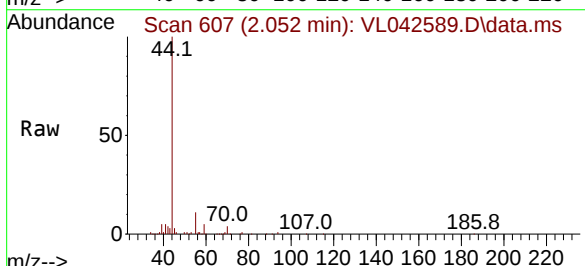
Acq: 29 May 2025 17:22

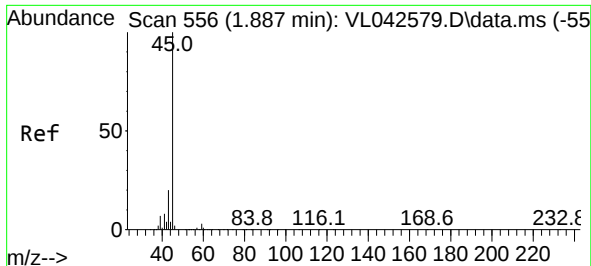
Tgt Ion: 59 Resp: 1413

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#

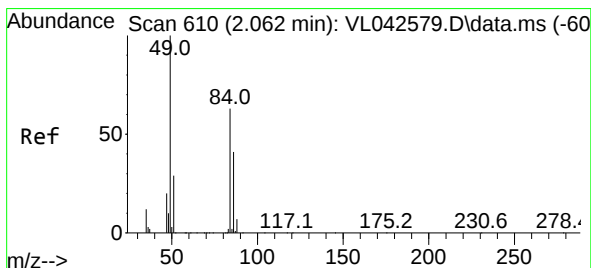
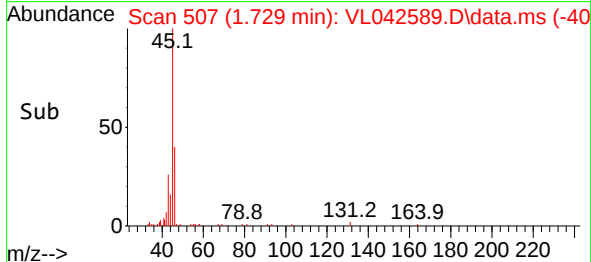
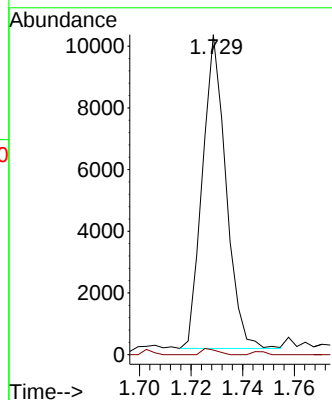
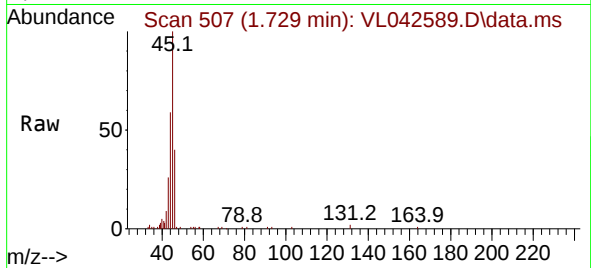




#19
Isopropyl Alcohol
Concen: 0.790 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.159 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

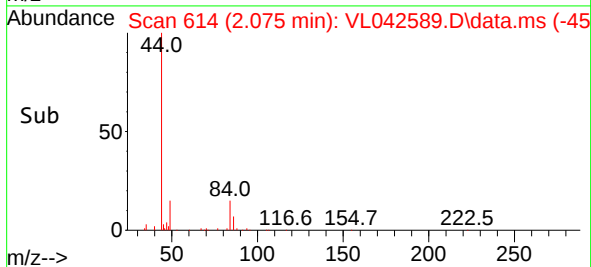
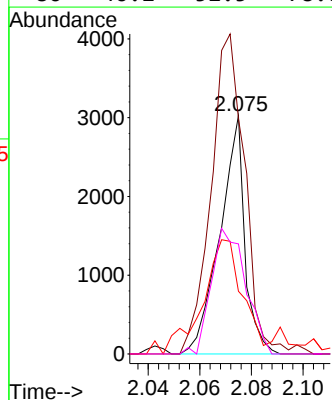
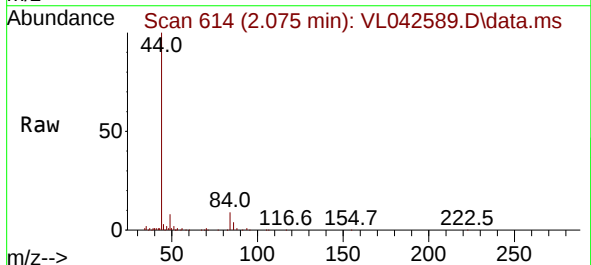
Instrument :
MSVOA_L
ClientSampleId :
SV1

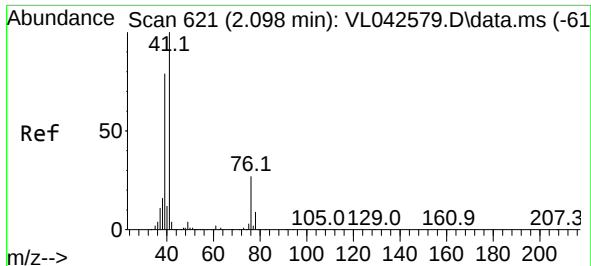
Tgt Ion: 45 Resp: 6446
Ion Ratio Lower Upper
45 100
58 725.1 29.4 44.2#



#20
Methylene Chloride
Concen: 0.451 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.013 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 84 Resp: 2032
Ion Ratio Lower Upper
84 100
49 105.7 128.8 193.2#
51 18.5 38.6 57.8#
86 46.2 52.5 78.7#

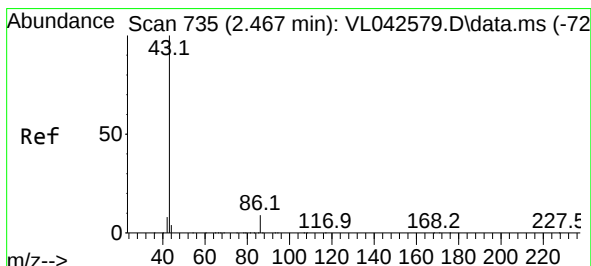
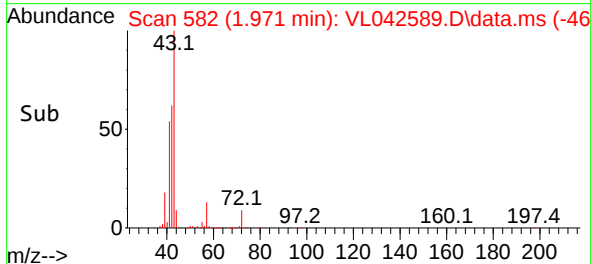
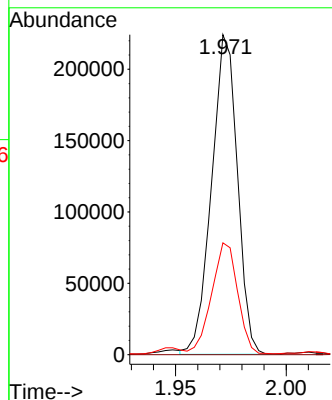
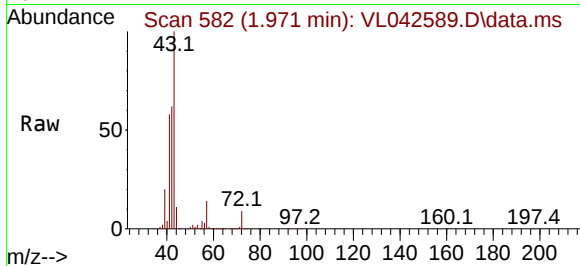




#21
 Allyl Chloride
 Concen: 18.838 ppbv
 RT: 1.971 min Scan# 51
 Delta R.T. -0.126 min
 Lab File: VL042589.D
 Acq: 29 May 2025 17:22

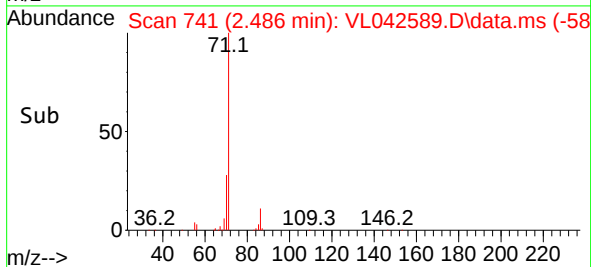
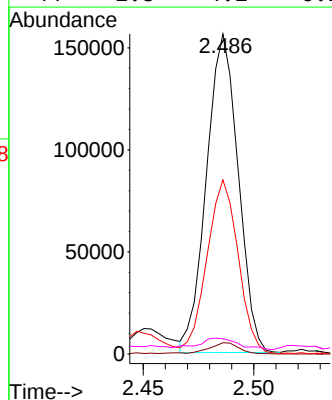
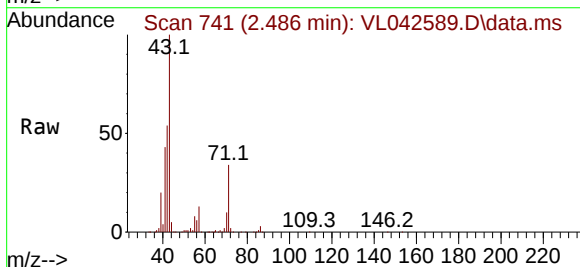
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

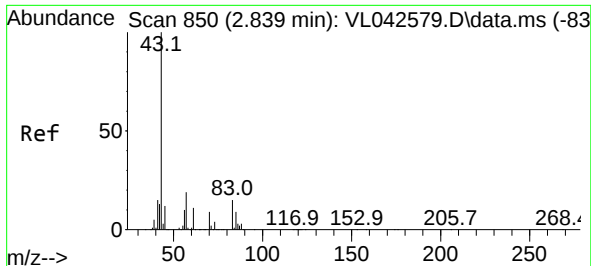
Tgt Ion: 41 Resp: 181413
 Ion Ratio Lower Upper
 41 100
 76 2.3 21.2 31.8#
 39 36.9 60.9 91.3#



#23
 Vinyl Acetate
 Concen: 8.441 ppbv
 RT: 2.486 min Scan# 741
 Delta R.T. 0.019 min
 Lab File: VL042589.D
 Acq: 29 May 2025 17:22

Tgt Ion: 43 Resp: 155738
 Ion Ratio Lower Upper
 43 100
 86 3.5 6.6 9.8#
 42 54.6 7.0 10.4#
 44 2.8 4.2 6.2#

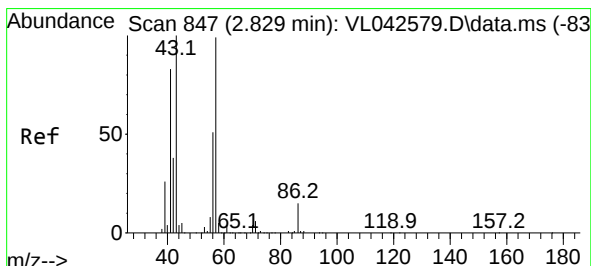
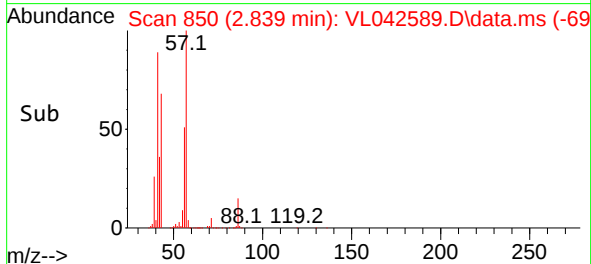
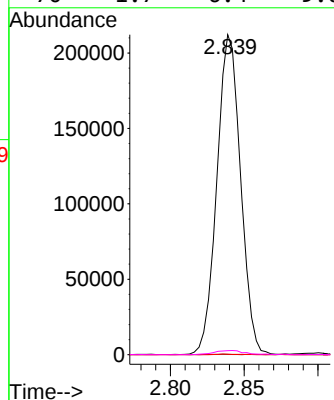
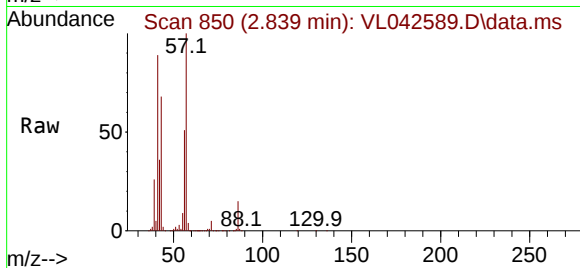




#25
Ethyl Acetate
Concen: 6.349 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

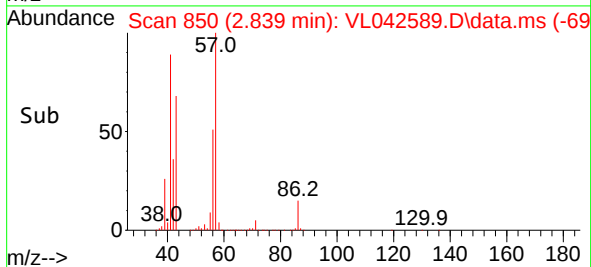
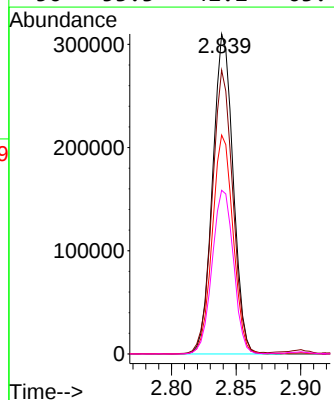
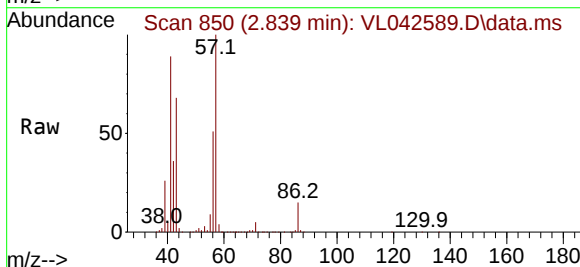
Instrument :
MSVOA_1
ClientSampleId :
SV1

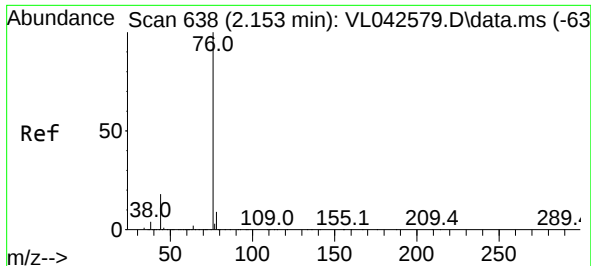
Tgt Ion: 43	Resp: 237140
Ion Ratio	Lower Upper
43 100	
45 0.2	8.2 12.2#
61 0.2	7.1 10.7#
70 1.7	6.4 9.6#



#26
Hexane
Concen: 20.232 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.010 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt	Ion: 57	Resp:	343378
Ion	Ratio	Lower	Upper
57	100		
41	89.6	70.6	106.0
43	69.2	181.1	271.7#
56	53.3	42.2	63.4

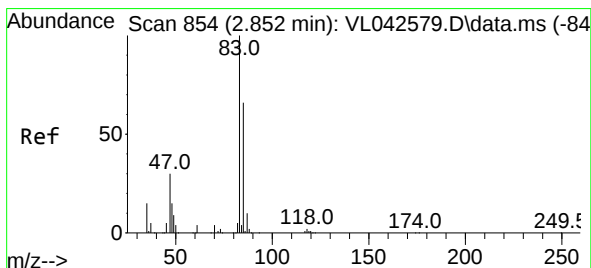
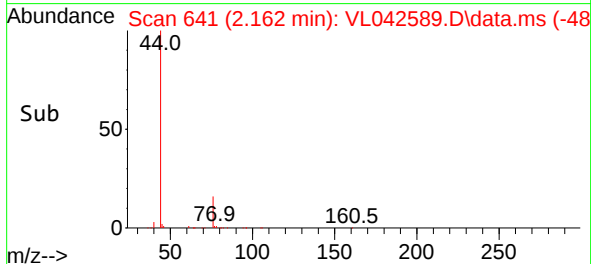
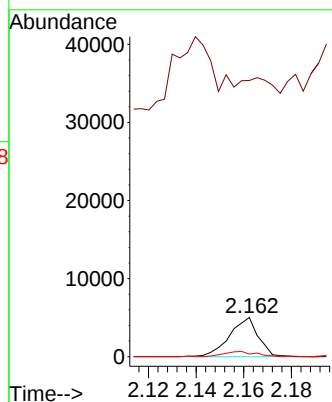
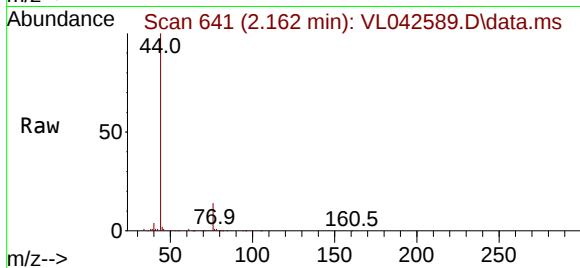




#27
Carbon Disulfide
Concen: 0.321 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.010 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

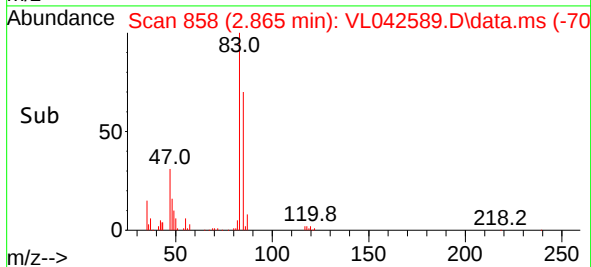
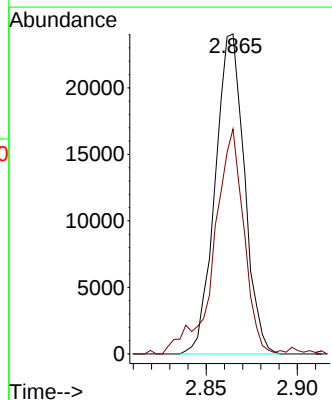
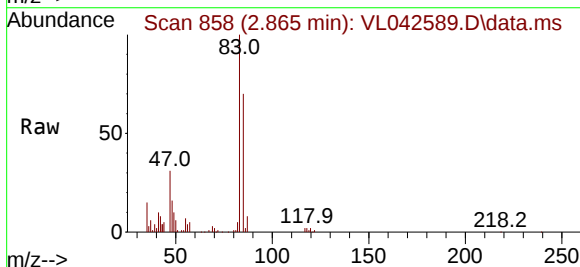
Instrument :
MSVOA_L
ClientSampleId :
SV1

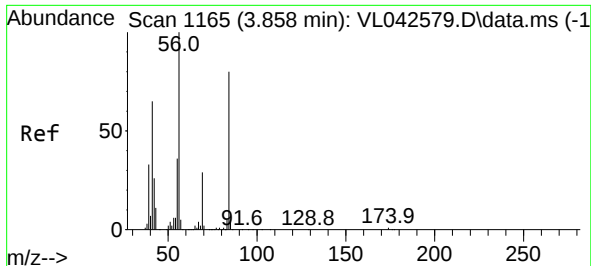
Tgt Ion: 76 Resp: 4188
Ion Ratio Lower Upper
76 100
44 482.9 21.3 31.9#
78 15.7 9.4 14.0#



#29
Chloroform
Concen: 1.216 ppbv
RT: 2.865 min Scan# 858
Delta R.T. 0.013 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 83 Resp: 26841
Ion Ratio Lower Upper
83 100
85 69.3 52.8 79.2

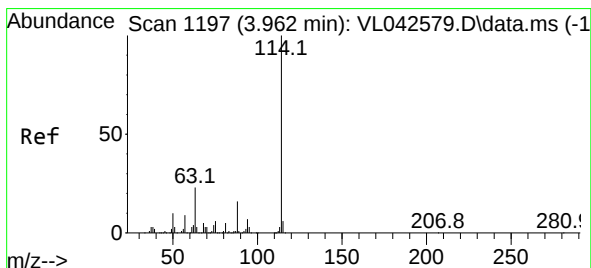
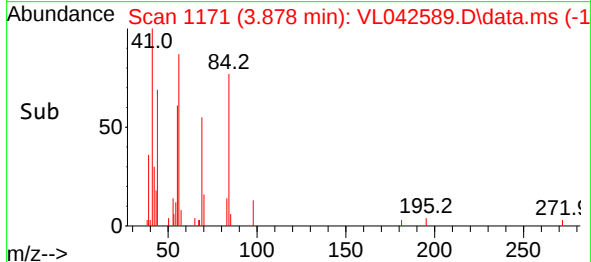
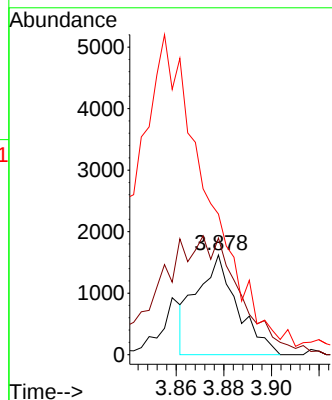
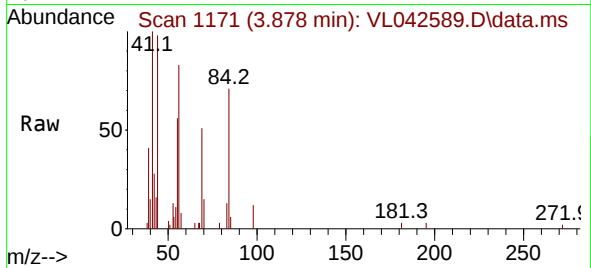




#30
Cyclohexane
Concen: 0.137 ppbv
RT: 3.878 min Scan# 1165
Delta R.T. 0.019 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

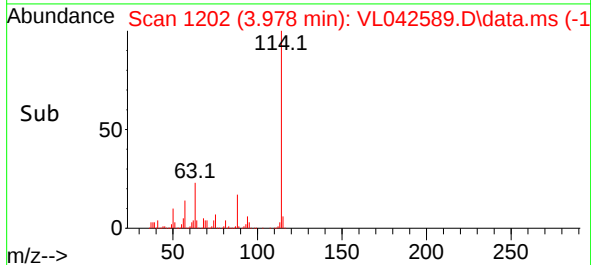
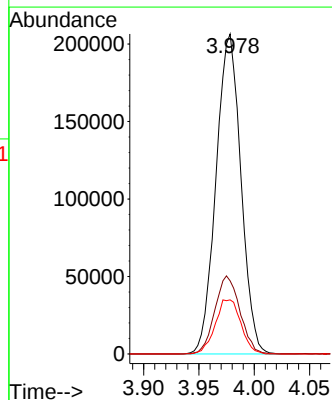
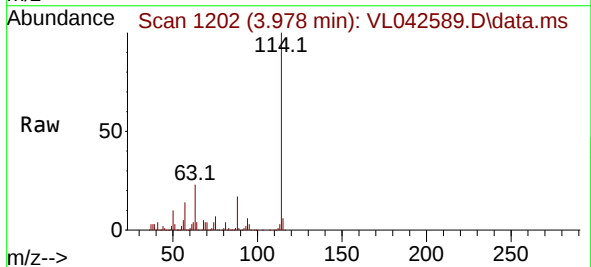
Instrument :
MSVOA_L
ClientSampleId :
SV1

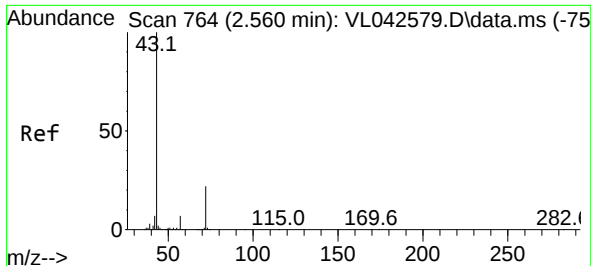
Tgt Ion: 84 Resp: 1923
Ion Ratio Lower Upper
84 100
56 214.8 103.7 155.5#
41 0.0 65.1 97.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. 0.016 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 114 Resp: 323127
Ion Ratio Lower Upper
114 100
63 24.6 19.0 28.6
88 17.5 13.6 20.4

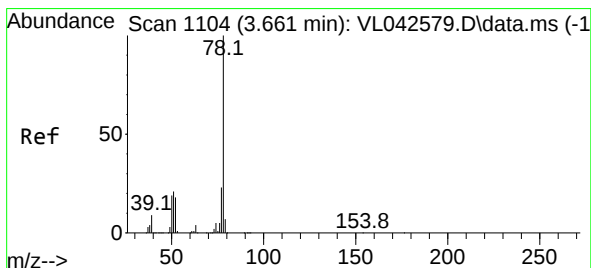
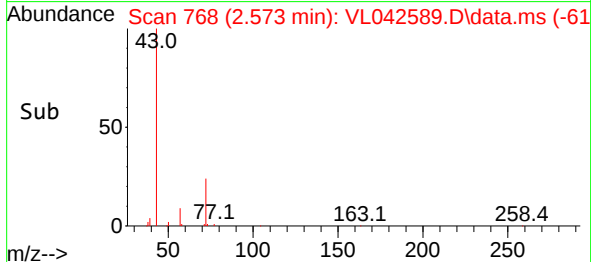
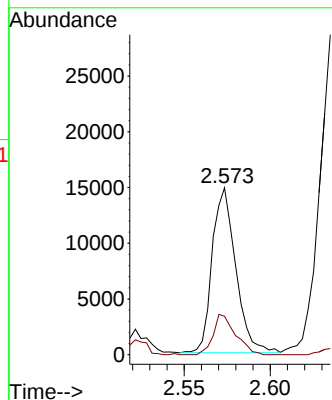
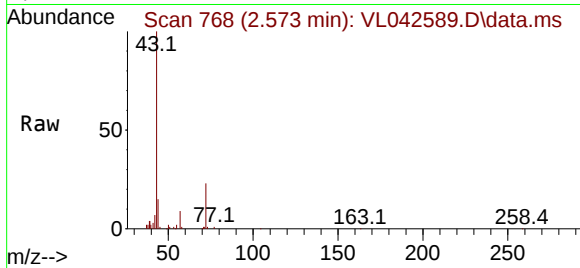




#34
2-Butanone
Concen: 0.612 ppbv
RT: 2.573 min Scan# 768
Delta R.T. 0.013 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

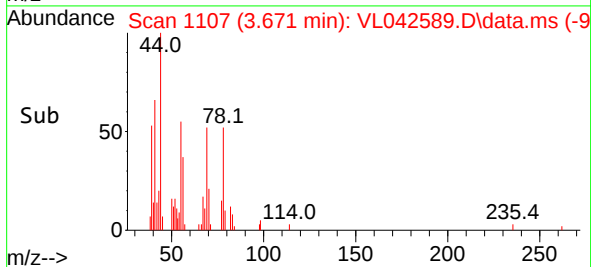
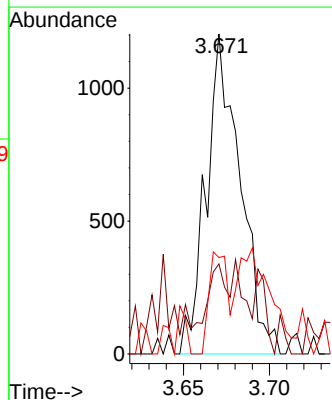
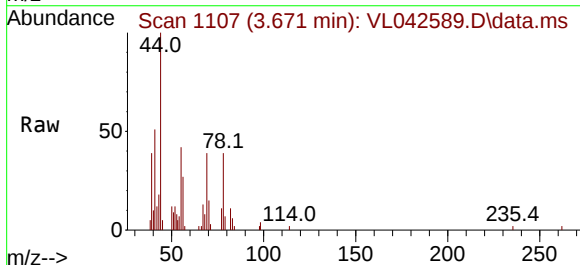
Instrument :
MSVOA_L
ClientSampleId :
SV1

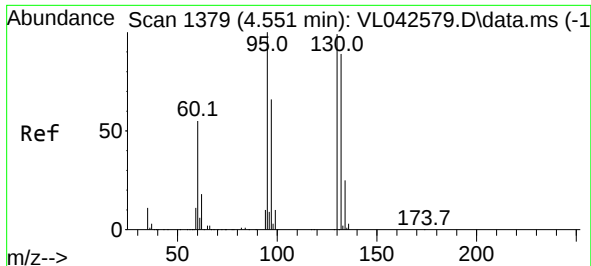
Tgt Ion: 43 Resp: 14099
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5



#36
Benzene
Concen: 0.052 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.010 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 78 Resp: 1653
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2
50 16.1 15.2 22.8

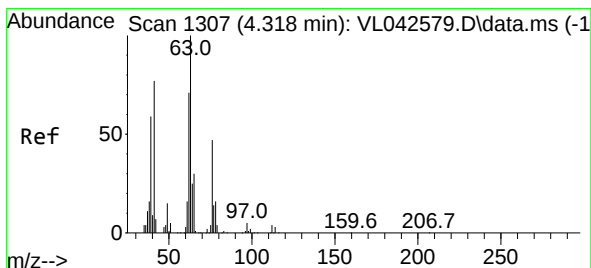
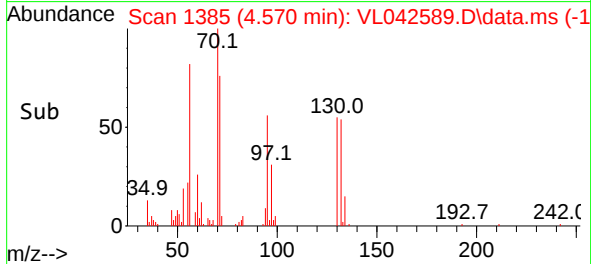
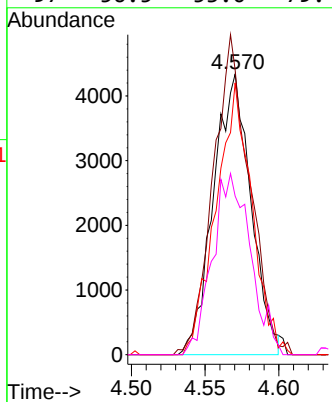
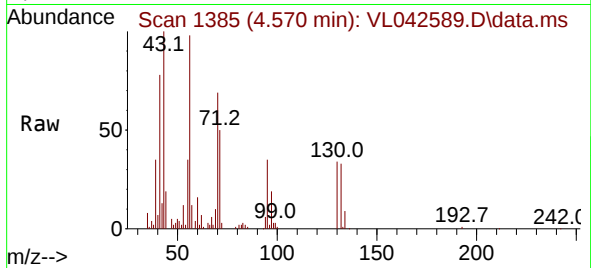




#38
Trichloroethene
Concen: 0.568 ppbv
RT: 4.570 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

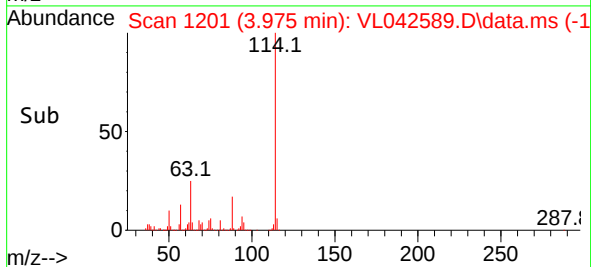
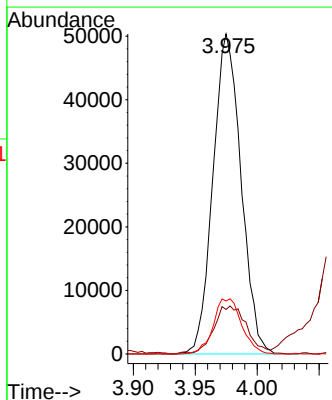
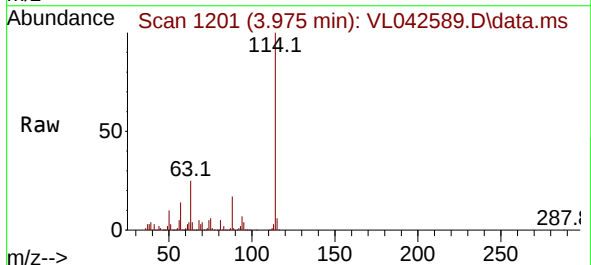
Instrument :
MSVOA_L
ClientSampleId :
SV1

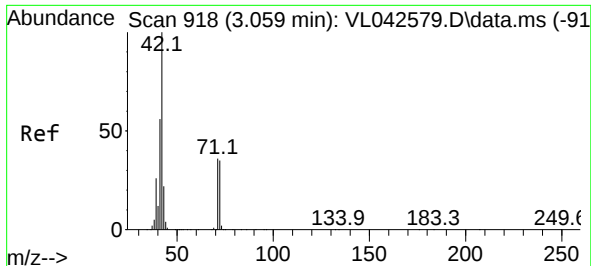
Tgt Ion:130 Resp: 7677
Ion Ratio Lower Upper
130 100
95 99.6 80.6 121.0
132 96.9 71.8 107.6
97 56.5 53.0 79.4



#39
1,2-Dichloropropane
Concen: 6.749 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.343 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 63 Resp: 79412
Ion Ratio Lower Upper
63 100
41 13.6 61.8 92.6#
62 16.6 56.6 85.0#

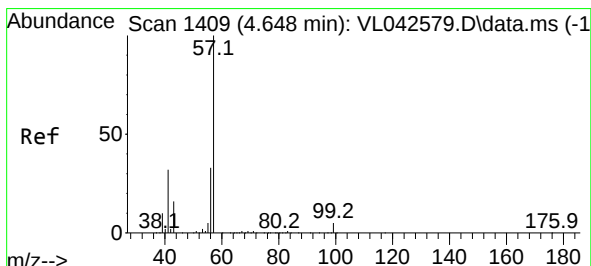
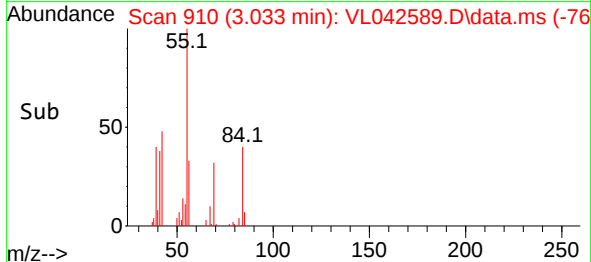
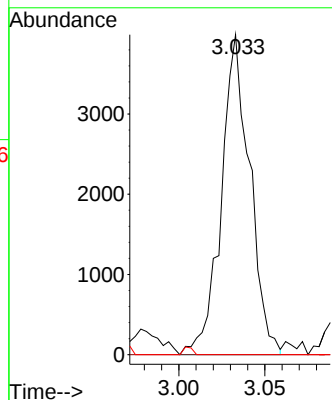
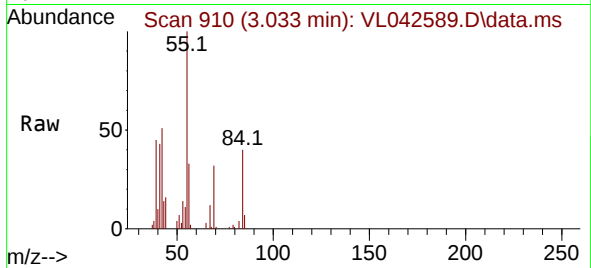




#41
Tetrahydrofuran
Concen: 0.341 ppbv
RT: 3.033 min Scan# 918
Delta R.T. -0.026 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

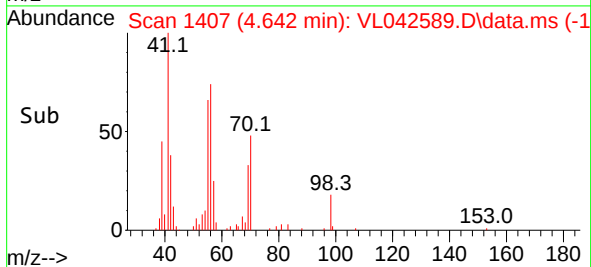
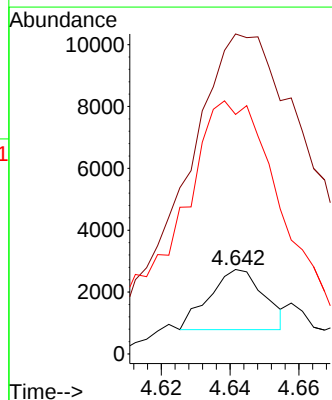
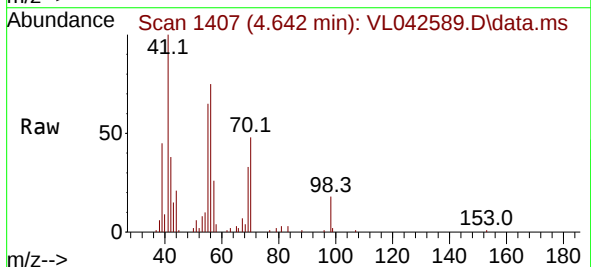
Instrument :
MSVOA_L
ClientSampleId :
SV1

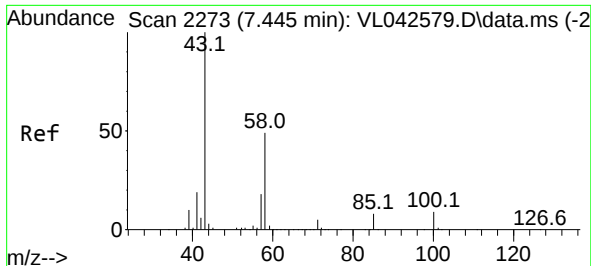
Tgt Ion: 42 Resp: 4605
Ion Ratio Lower Upper
42 100
72 0.0 28.9 43.3#
71 0.0 28.5 42.7#



#44
2,2,4-Trimethylpentane
Concen: 0.039 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 57 Resp: 2146
Ion Ratio Lower Upper
57 100
41 1328.2 26.1 39.1#
56 887.9 25.9 38.9#

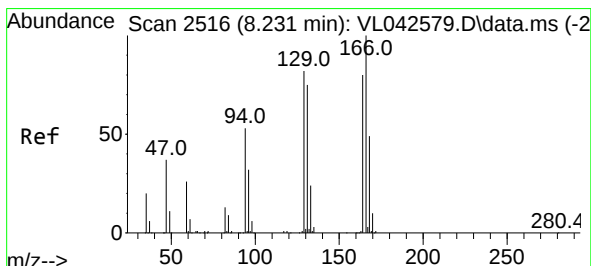
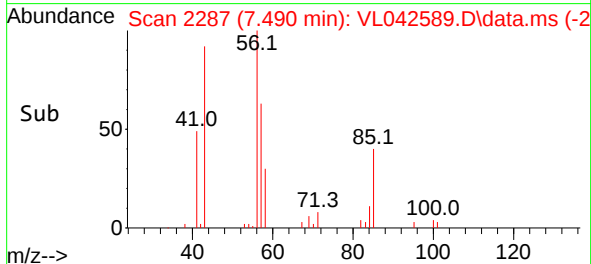
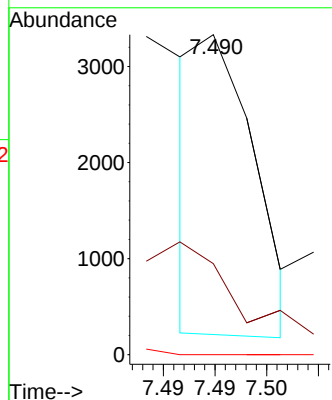
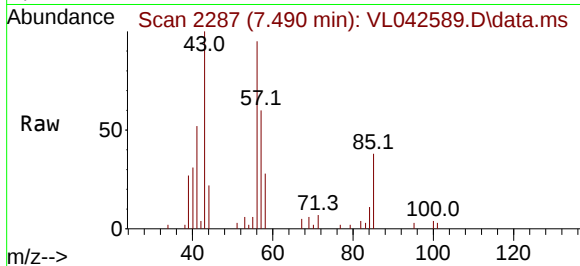




#51
2-Hexanone
Concen: 0.047 ppbv
RT: 7.490 min Scan# 2119
Delta R.T. 0.045 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

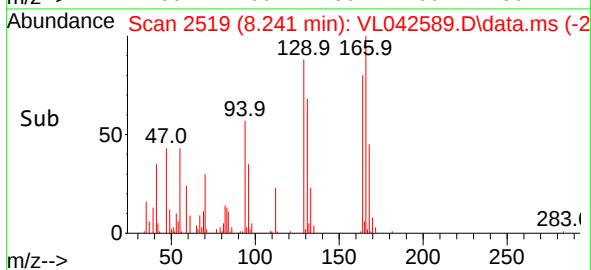
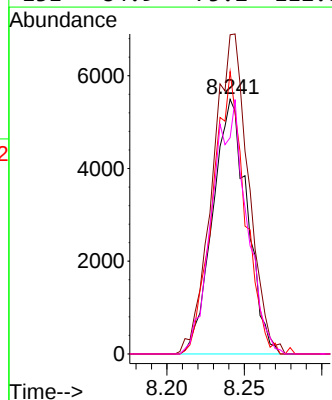
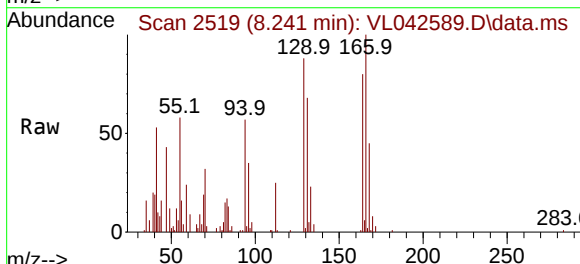
Instrument :
MSVOA_L
ClientSampleId :
SV1

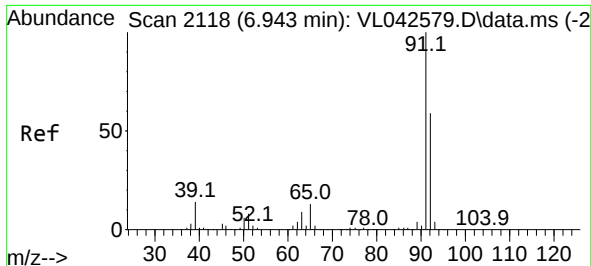
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 0.0 39.9 59.9#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.715 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion:164 Resp: 8503
Ion Ratio Lower Upper
164 100
166 124.3 100.0 150.0
129 110.8 82.2 123.4
131 84.9 75.2 112.8

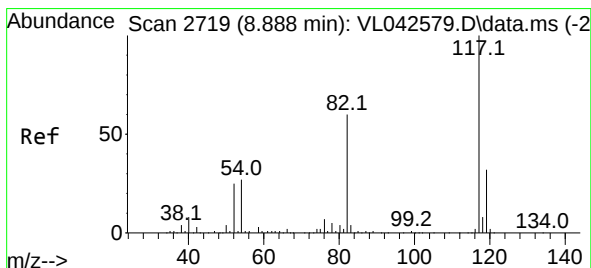
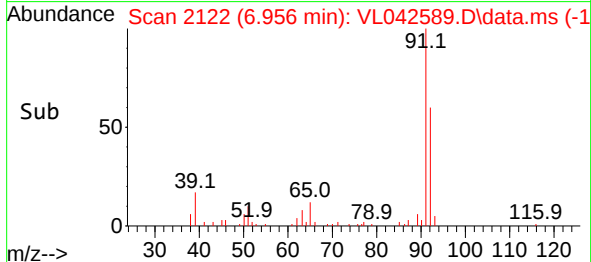
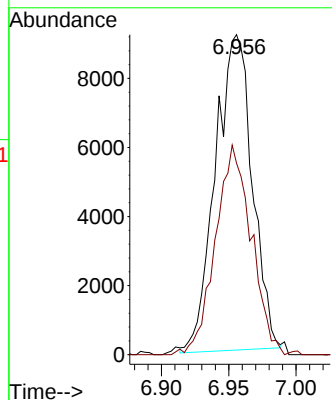
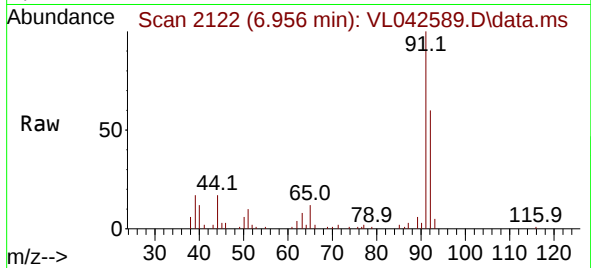




#53
Toluene
Concen: 0.474 ppbv
RT: 6.956 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

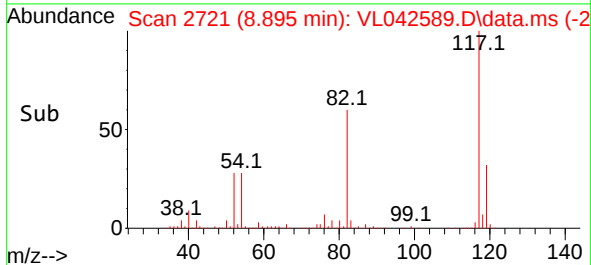
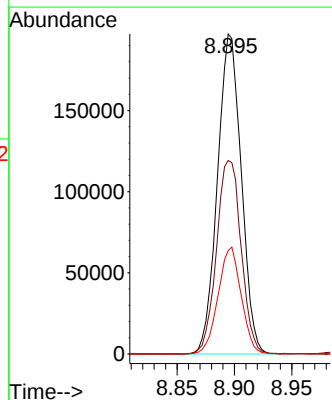
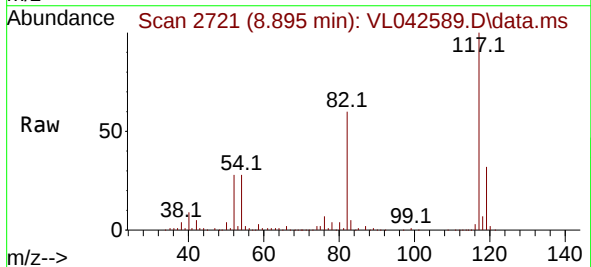
Instrument :
MSVOA_1
ClientSampleId :
SV1

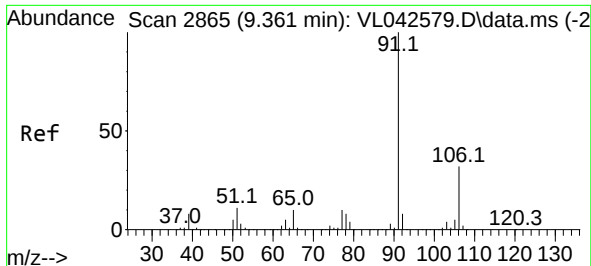
Tgt Ion: 91 Resp: 17436
Ion Ratio Lower Upper
91 100
92 64.7 48.2 72.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. 0.006 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 117 Resp: 284597
Ion Ratio Lower Upper
117 100
82 62.6 51.2 76.8
119 32.5 26.3 39.5





#58

Ethyl Benzene

Concen: 0.030 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. 0.178 min

Lab File: VL042589.D

Acq: 29 May 2025 17:22

Instrument :

MSVOA_L

ClientSampleId :

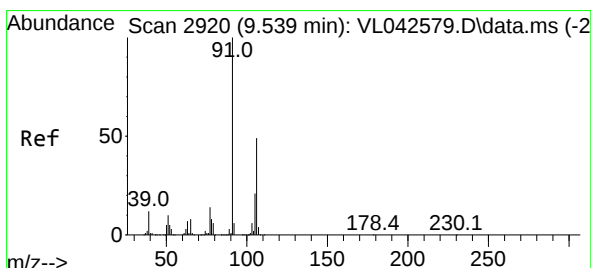
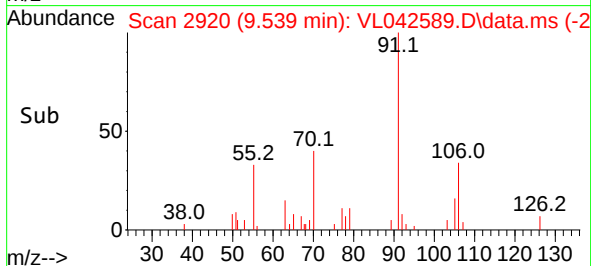
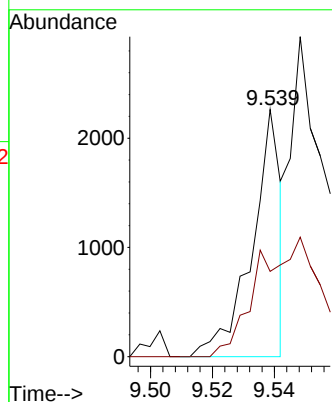
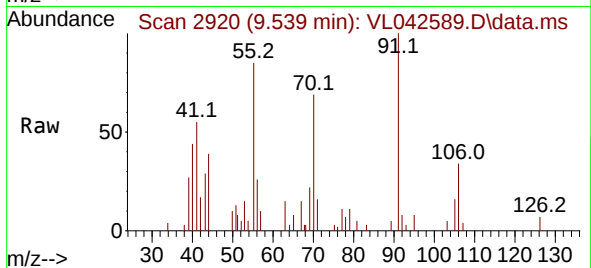
SV1

Tgt Ion: 91 Resp: 1462

Ion Ratio Lower Upper

91 100

106 34.5 25.9 38.9



#59

m/p-Xylene

Concen: 0.083 ppbv

RT: 9.548 min Scan# 2923

Delta R.T. 0.010 min

Lab File: VL042589.D

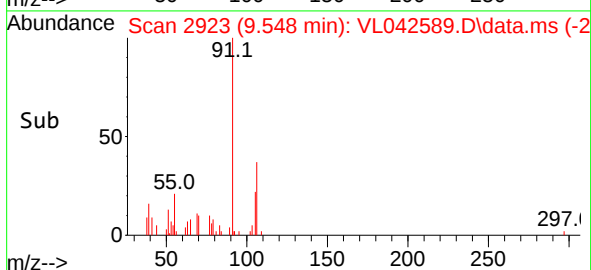
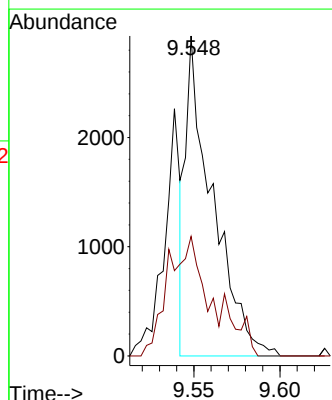
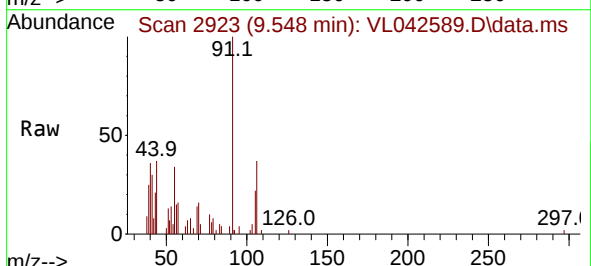
Acq: 29 May 2025 17:22

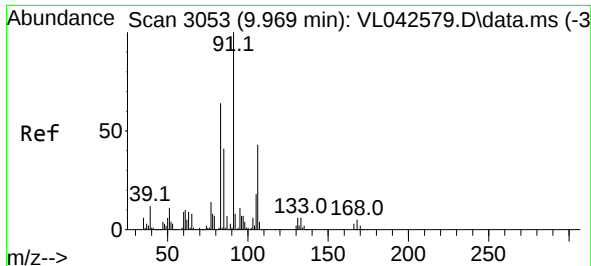
Tgt Ion: 91 Resp: 3150

Ion Ratio Lower Upper

91 100

106 62.4 38.8 58.2#

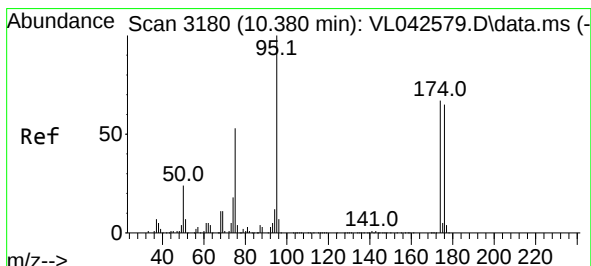
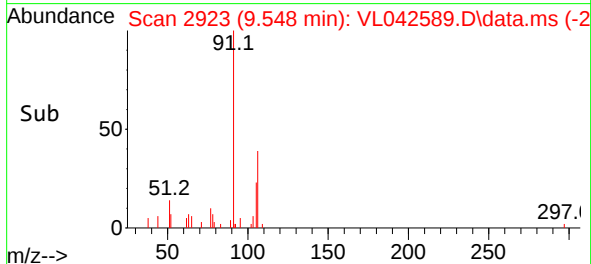
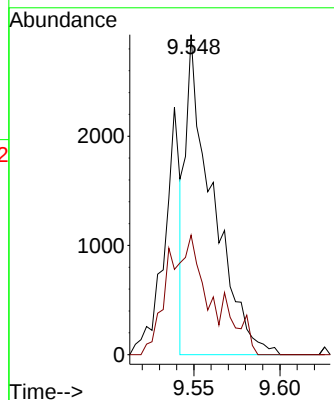
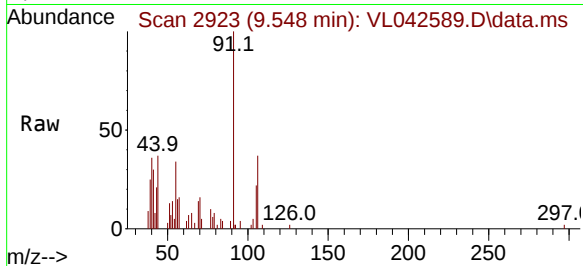




#60
o-Xylene
Concen: 0.083 ppbv
RT: 9.548 min Scan# 2923
Delta R.T. -0.421 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

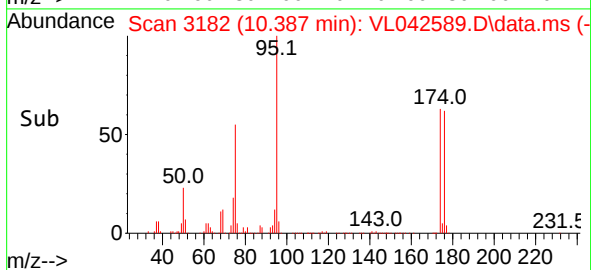
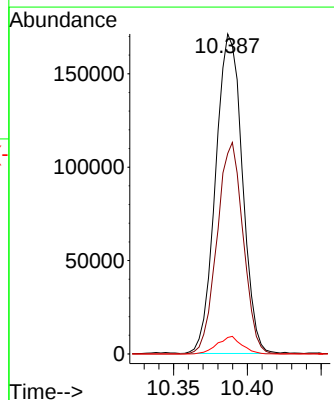
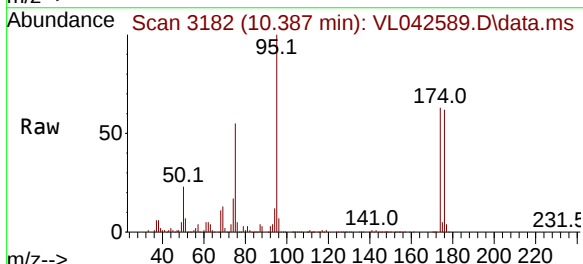
Instrument :
MSVOA_L
ClientSampleId :
SV1

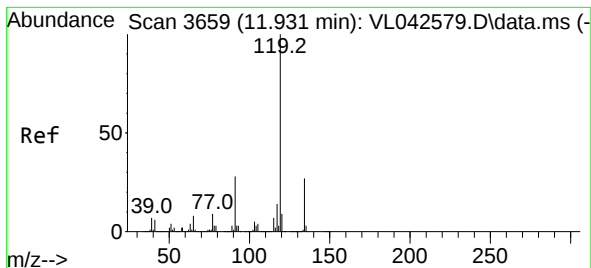
Tgt Ion: 91 Resp: 3150
Ion Ratio Lower Upper
91 100
106 62.4 22.9 68.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.112 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.006 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion: 95 Resp: 215736
Ion Ratio Lower Upper
95 100
174 64.7 53.1 79.7
175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.083 ppbv

RT: 11.937 min Scan# 3659

Delta R.T. 0.006 min

Lab File: VL042589.D

Acq: 29 May 2025 17:22

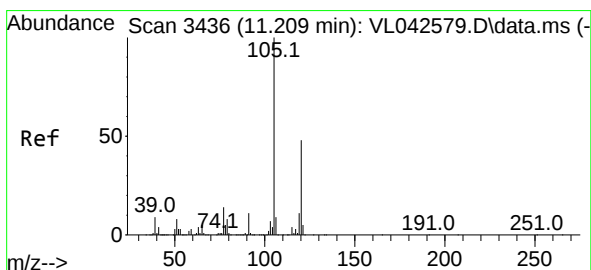
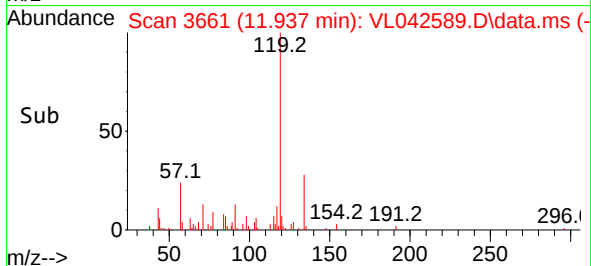
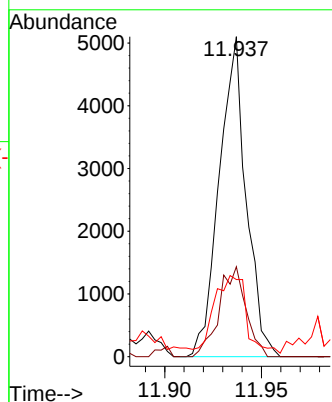
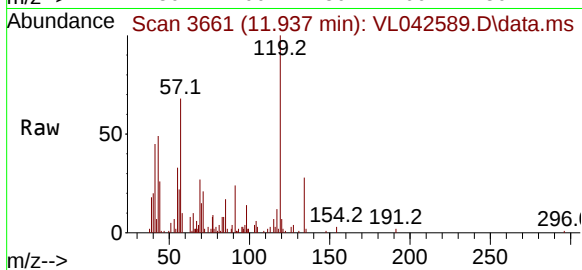
Instrument :

MSVOA_1

ClientSampleId :

SV1

Tgt Ion:	119	Resp:	4944
Ion Ratio	Lower	Upper	
119	100		
134	29.7	21.1	31.7
91	37.6	21.9	32.9#



#73

1,3,5-Trimethylbenzene

Concen: 0.048 ppbv

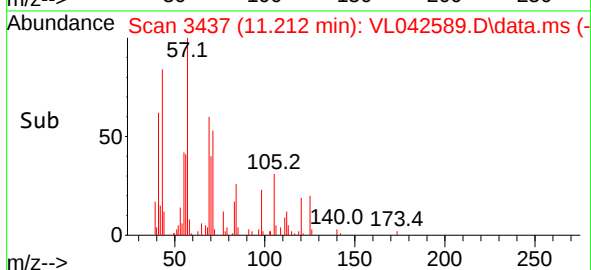
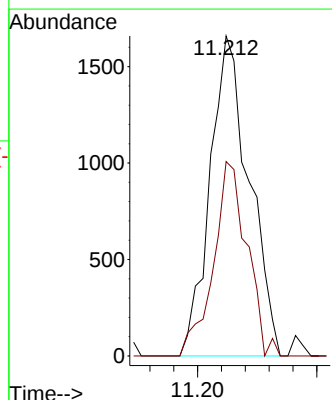
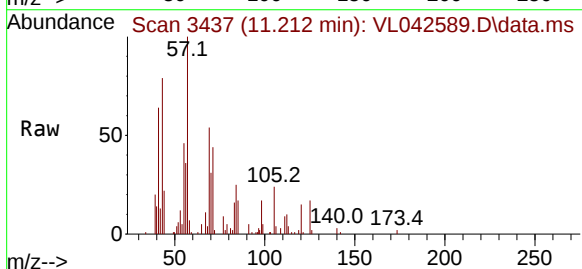
RT: 11.212 min Scan# 3437

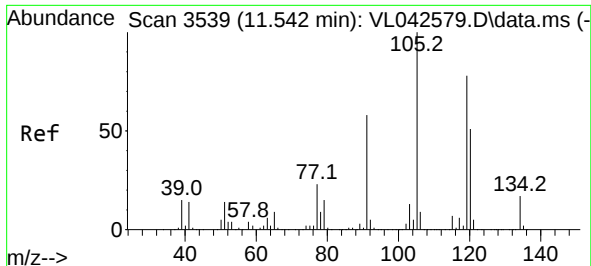
Delta R.T. 0.003 min

Lab File: VL042589.D

Acq: 29 May 2025 17:22

Tgt Ion:	105	Resp:	1896
Ion Ratio	Lower	Upper	
105	100		
120	60.8	38.8	58.2#

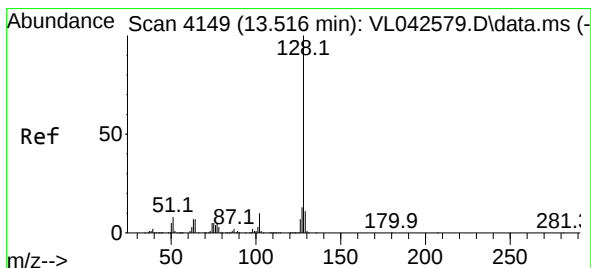
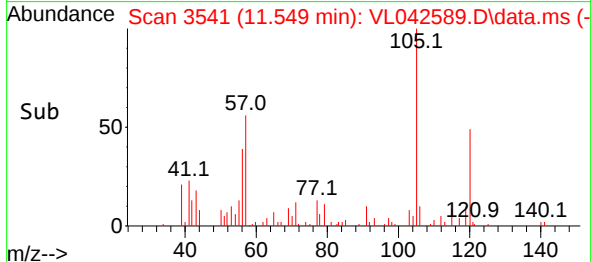
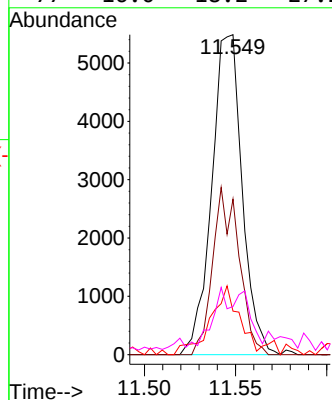
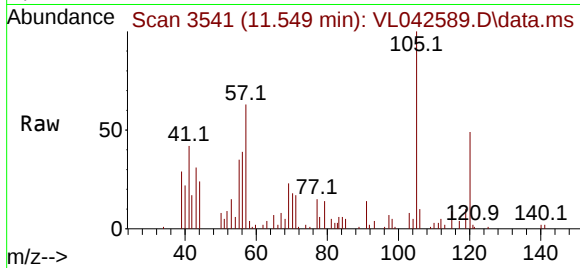




#74
1,2,4-Trimethylbenzene
Concen: 0.147 ppbv
RT: 11.549 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

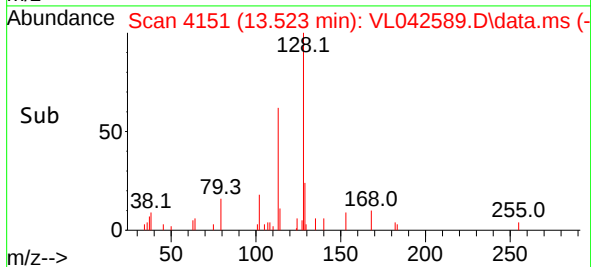
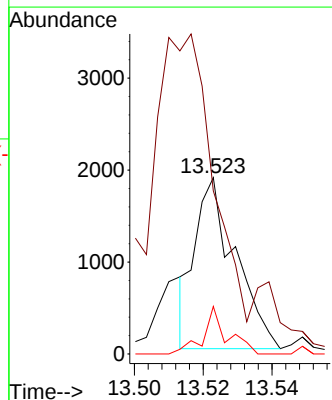
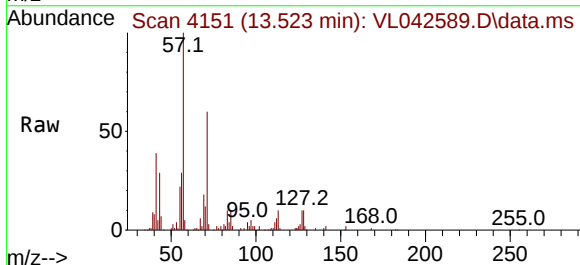
Instrument :
MSVOA_L
ClientSampleId :
SV1

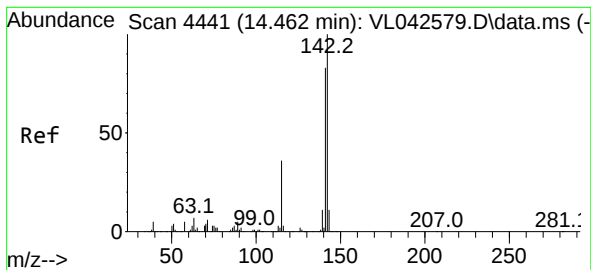
Tgt Ion:	105	Resp:	6380
Ion	Ratio	Lower	Upper
105	100		
120	50.9	40.8	61.2
91	15.9	46.8	70.2#
77	16.0	18.2	27.2#



#79
Naphthalene
Concen: 0.037 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.006 min
Lab File: VL042589.D
Acq: 29 May 2025 17:22

Tgt Ion:	128	Resp:	1502
Ion	Ratio	Lower	Upper
128	100		
127	76.9	10.2	15.4#
129	27.8	8.8	13.2#





#80

Naphthalene, 2-methyl-

Concen: 0.044 ppbv

RT: 14.475 min Scan# 44

Delta R.T. 0.013 min

Lab File: VL042589.D

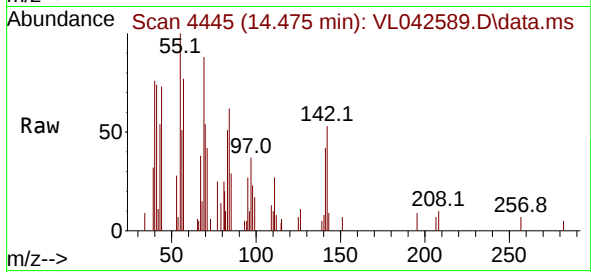
Acq: 29 May 2025 17:22

Instrument :

MSVOA_L

ClientSampleId :

SV1



Tgt Ion:142 Resp: 806

Ion Ratio Lower Upper

142 100

141 126.6 66.2 99.4#

115 38.5 28.3 42.5

