

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042885.D
 Acq On : 26 Aug 2025 15:04
 Operator : SY/MD
 Sample : Q2943-01DUP 4X
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

Quant Time: Aug 27 01:12:13 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	2.793	49	127089	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	351085	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	304927	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	235935	10.317	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	2623	0.141	ppbv	91
3) Chlorodifluoromethane	1.450	51	1588727	77.168	ppbv #	58
4) Chloromethane	1.450	50	837519	111.427	ppbv #	49
5) Vinyl Chloride	1.460	62	4079	0.551	ppbv #	1
7) Chloroethane	1.450	64	193770	67.029	ppbv #	39
9) Propene	1.489	41	5217	0.587	ppbv #	17
10) Heptane	4.991	43	7501	0.315	ppbv	94
11) Trichlorofluoromethane	1.450	101	137588	7.487	ppbv #	22
13) Ethanol	1.725	45	145576	179.066	ppbv	91
15) Acetone	1.842	43	480005	28.552	ppbv #	78
16) 1,3-Butadiene	1.602	39	2721	0.357	ppbv #	30
17) tert-Butyl alcohol	2.046	59	9215	0.462	ppbv #	71
19) Isopropyl Alcohol	1.890	45	146310	14.571	ppbv #	78
20) Methylene Chloride	2.065	84	2490	0.354	ppbv	92
21) Allyl Chloride	1.965	41	200556	16.887	ppbv #	55
23) Vinyl Acetate	2.567	43	10217	0.442	ppbv #	88
25) Ethyl Acetate	2.832	43	21050	0.517	ppbv #	76
26) Hexane	2.832	57	30482	1.623	ppbv #	46
27) Carbon Disulfide	2.153	76	1428	0.078	ppbv #	1
29) Chloroform	2.855	83	9153	0.341	ppbv	91
30) Cyclohexane	3.865	84	1650	0.100	ppbv #	38
32) 1,1,1-Trichloroethane	3.373	97	2937	0.104	ppbv	95
34) 2-Butanone	2.567	43	10217	0.431	ppbv	99
36) Benzene	3.664	78	6773	0.201	ppbv	96
39) 1,2-Dichloropropane	3.965	63	91711	7.469	ppbv #	27
41) Tetrahydrofuran	3.069	42	1401	0.106	ppbv #	68
51) 2-Hexanone	7.448	43	1479	0.059	ppbv #	27
52) Tetrachloroethene	8.244	164	555	0.046	ppbv #	73
53) Toluene	6.946	91	50686	1.268	ppbv	99
57) Chlorobenzene	8.882	112	1514	0.052	ppbv #	79
58) Ethyl Benzene	9.364	91	148839	2.766	ppbv	99
59) m/p-Xylene	9.542	91	38681	0.917	ppbv #	100
60) o-Xylene	9.969	91	19430	0.458	ppbv	96
61) Styrene	9.878	104	545876	27.461	ppbv	99
62) Isopropylbenzene	10.548	105	10221	0.165	ppbv	98
64) n-propylbenzene	10.998	120	2984	0.189	ppbv	78
65) tert-Butylbenzene	11.545	119	2055	0.038	ppbv #	1
66) Benzyl Chloride	11.620	91	222	0.032	ppbv #	65
69) p-Isopropyltoluene	11.934	119	3839	0.058	ppbv #	84
71) 2-Chlorotoluene	11.102	91	1942	0.040	ppbv	90
72) 4-Ethyltoluene	11.131	105	4742	0.092	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	6639	0.152	ppbv #	83
74) 1,2,4-Trimethylbenzene	11.542	105	17454	0.364	ppbv #	56

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
Data File : VL042885.D
Acq On : 26 Aug 2025 15:04
Operator : SY/MD
Sample : Q2943-01DUP 4X
Misc :
ALS Vial : 1 Sample Multiplier: 1

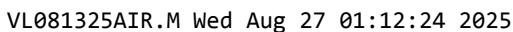
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

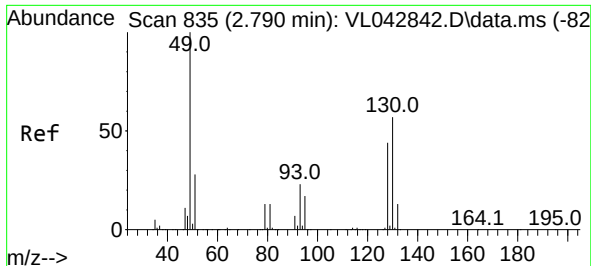
Quant Time: Aug 27 01:12:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	13.523	128	1682	0.039	ppbv	# 89

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

Quant Time: Aug 27 01:12:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

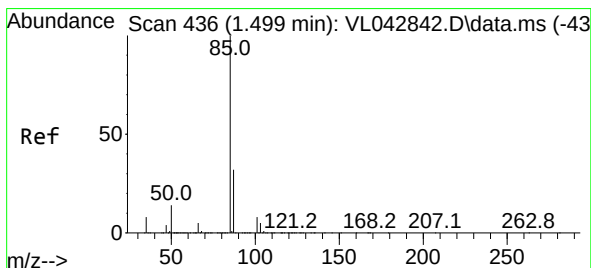
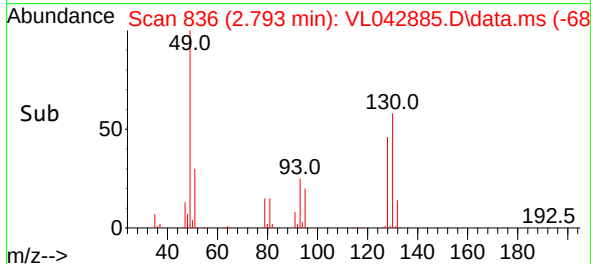
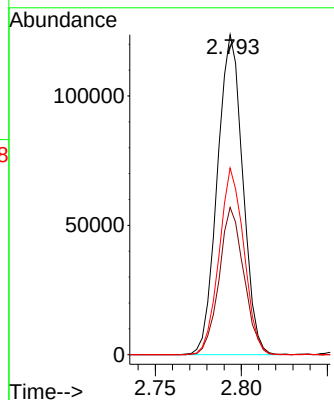
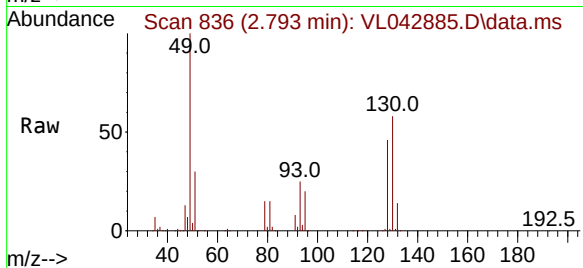




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 835
 Delta R.T. 0.003 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

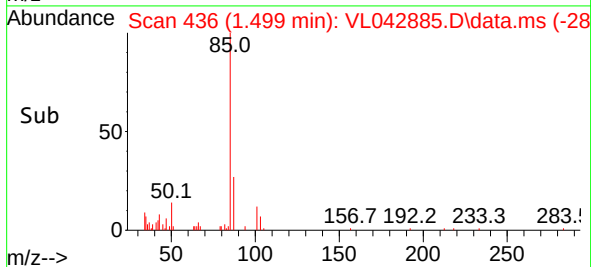
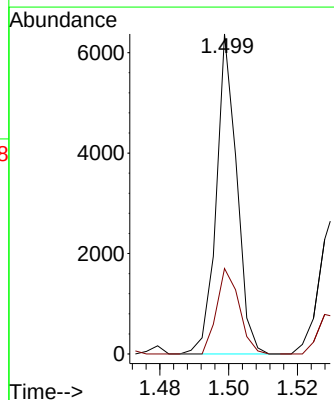
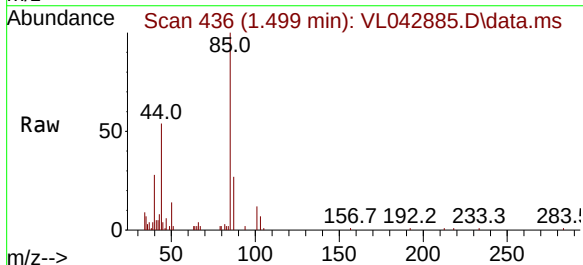
Instrument :
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 ClientSampleId :
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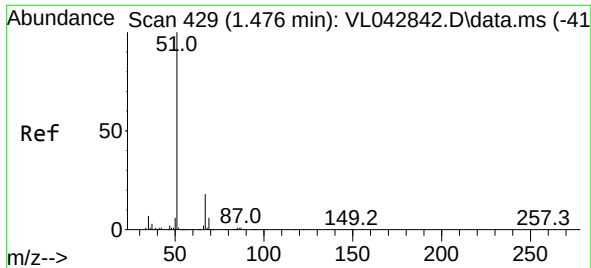
Tgt Ion: 49 Resp: 127089
 Ion Ratio Lower Upper
 49 100
 128 44.8 23.7 71.1
 130 56.9 30.6 91.6



#2
 Dichlorodifluoromethane
 Concen: 0.141 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

Tgt Ion: 85 Resp: 2623
 Ion Ratio Lower Upper
 85 100
 87 26.7 25.3 37.9

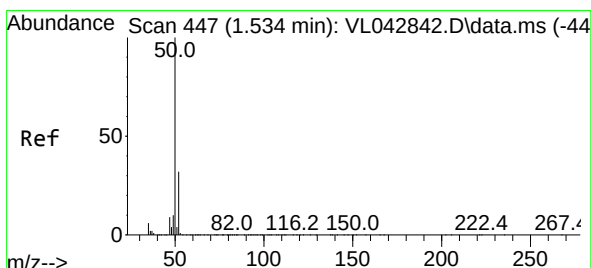
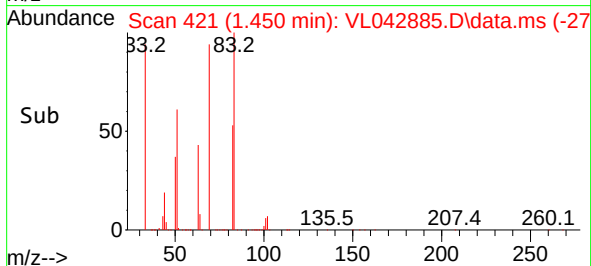
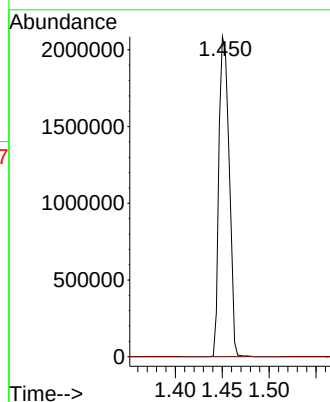
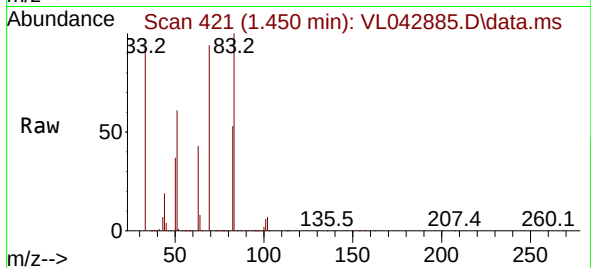




#3
Chlorodifluoromethane
Concen: 77.168 ppbv
RT: 1.450 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

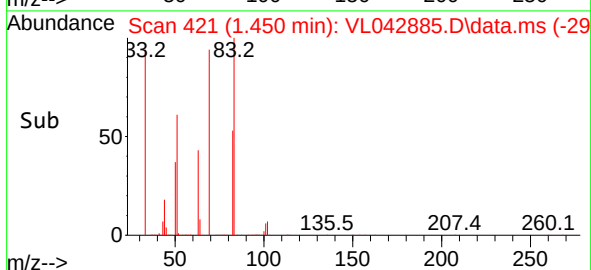
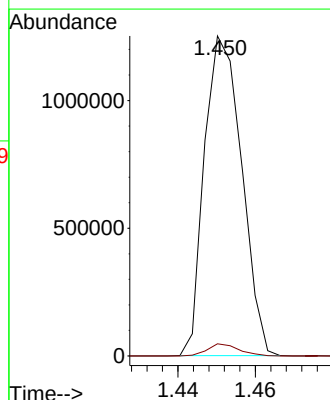
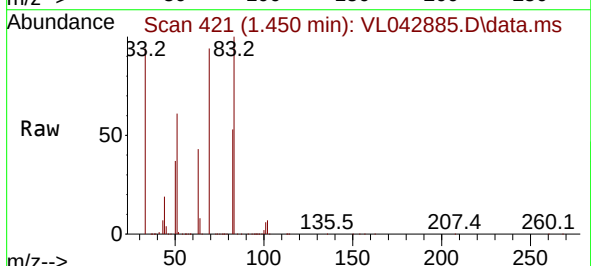
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

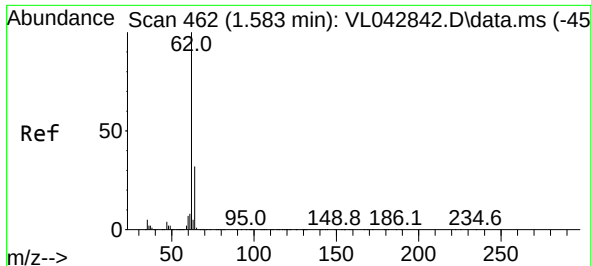
Tgt Ion: 51 Resp: 1588727
Ion Ratio Lower Upper
51 100
67 0.0 14.9 22.3#



#4
Chloromethane
Concen: 111.427 ppbv
RT: 1.450 min Scan# 421
Delta R.T. -0.084 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 50 Resp: 837519
Ion Ratio Lower Upper
50 100
52 3.8 25.9 38.9#

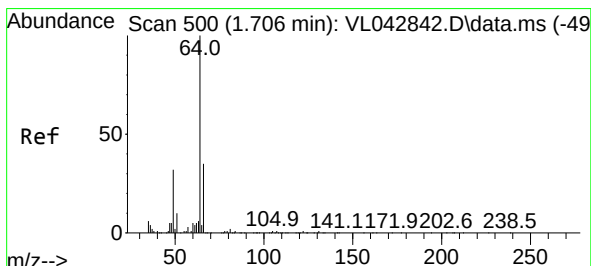
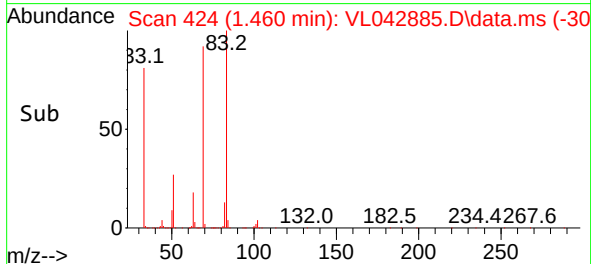
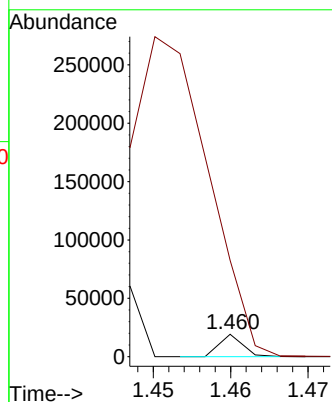
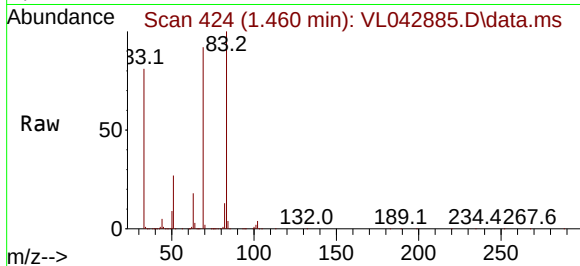




#5
 Vinyl Chloride
 Concen: 0.551 ppbv
 RT: 1.460 min Scan# 41
 Delta R.T. -0.123 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

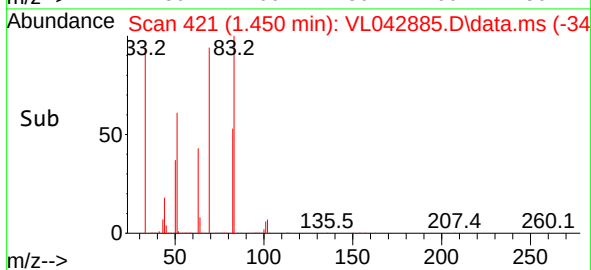
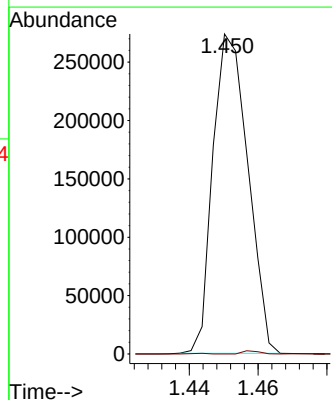
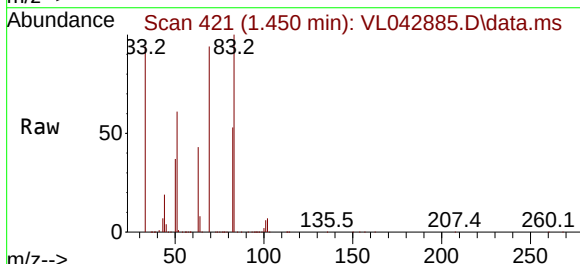
Instrument :
 MSVOA_L
 ClientSampleId :
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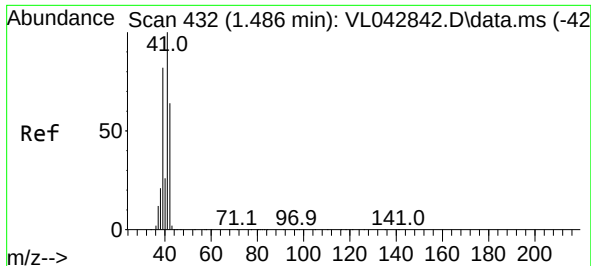
Tgt Ion: 62 Resp: 4079
 Ion Ratio Lower Upper
 62 100
 64 425.0 25.4 38.2#



#7
 Chloroethane
 Concen: 67.029 ppbv
 RT: 1.450 min Scan# 421
 Delta R.T. -0.256 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

Tgt Ion: 64 Resp: 193770
 Ion Ratio Lower Upper
 64 100
 66 0.0 28.6 42.8#





#9

Propene

Concen: 0.587 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

Instrument :

MSVOA_1

ClientSampleId :

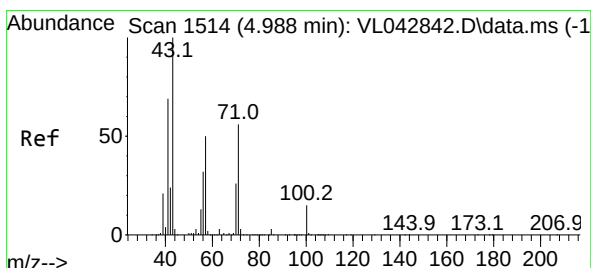
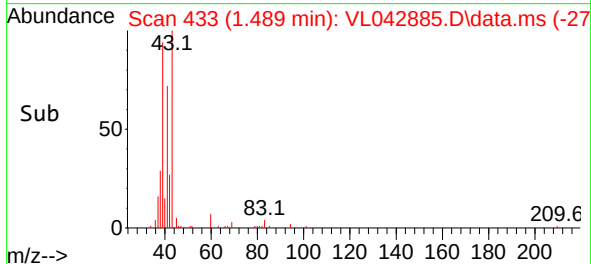
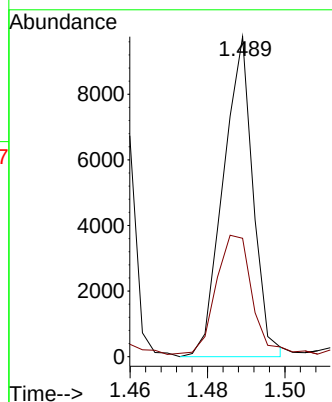
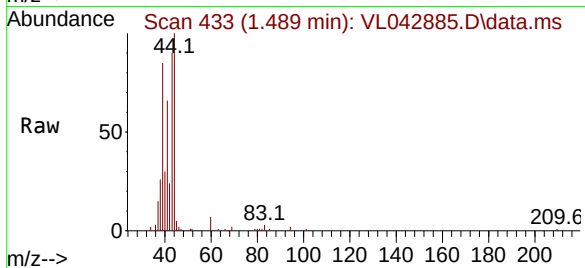
SV1DUP

Tgt Ion: 41 Resp: 5217

Ion Ratio Lower Upper

41 100

42 0.0 53.0 79.4#



#10

Heptane

Concen: 0.315 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VL042885.D

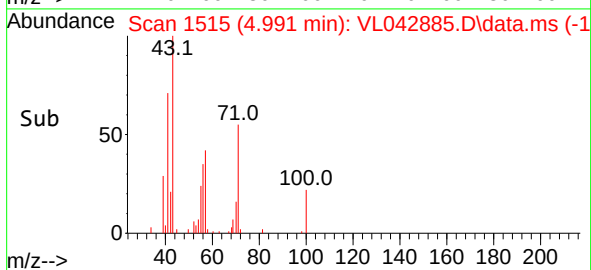
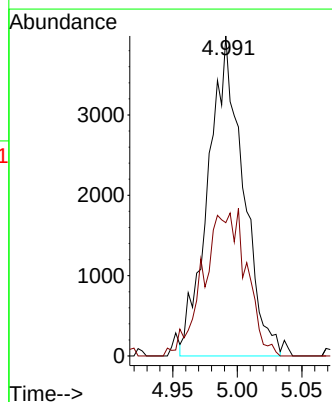
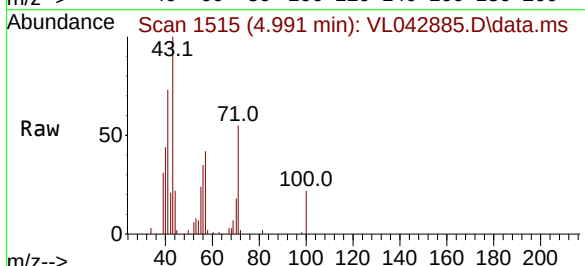
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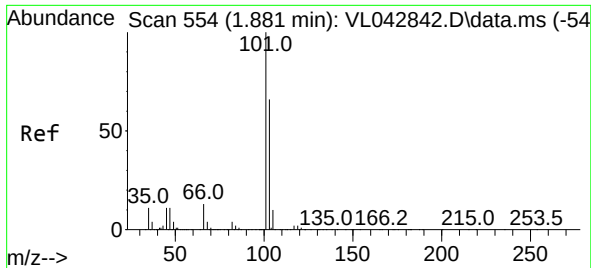
Tgt Ion: 43 Resp: 7501

Ion Ratio Lower Upper

43 100

57 56.1 41.4 62.0

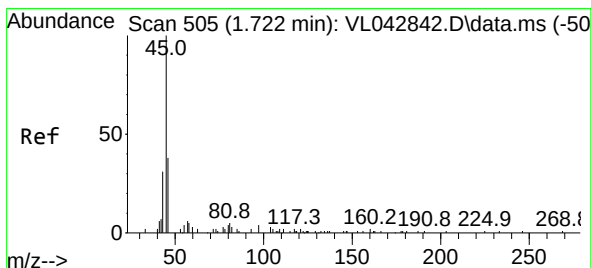
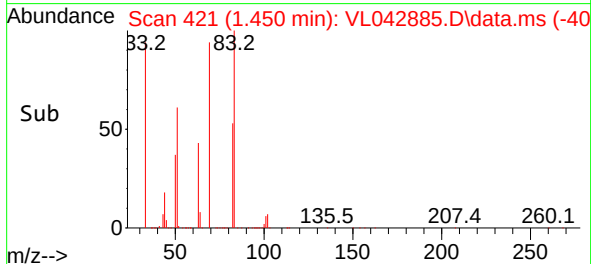
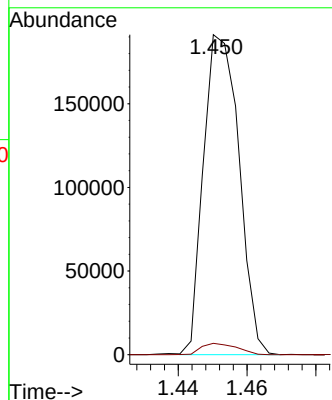
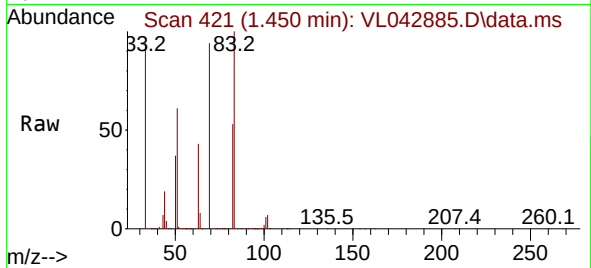




#11
 Trichlorofluoromethane
 Concen: 7.487 ppbv
 RT: 1.450 min Scan# 41
 Delta R.T. -0.431 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

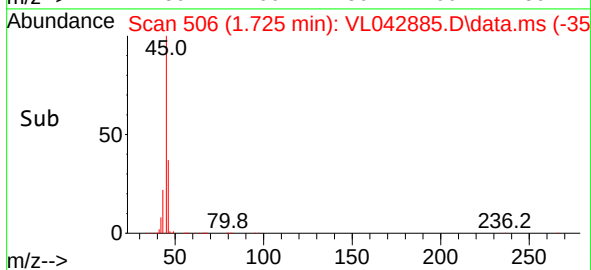
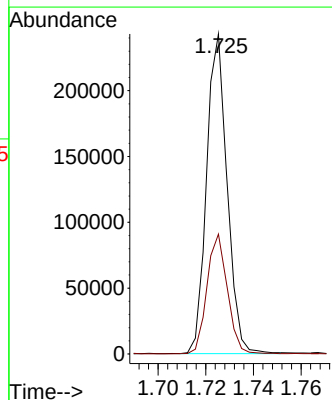
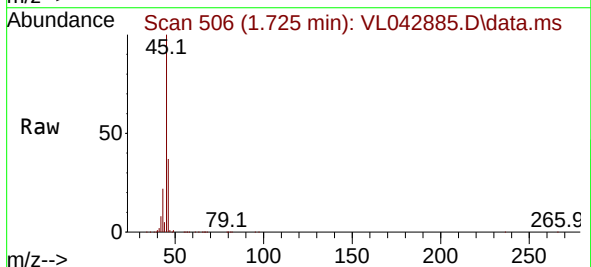
Instrument :
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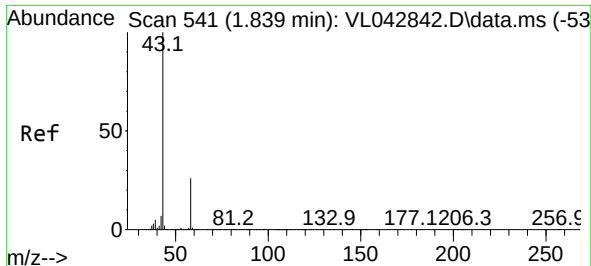
Tgt Ion:101 Resp: 137588
 Ion Ratio Lower Upper
 101 100
 103 3.5 52.5 78.7#



#13
 Ethanol
 Concen: 179.066 ppbv
 RT: 1.725 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

Tgt Ion: 45 Resp: 145576
 Ion Ratio Lower Upper
 45 100
 46 38.1 17.5 69.9

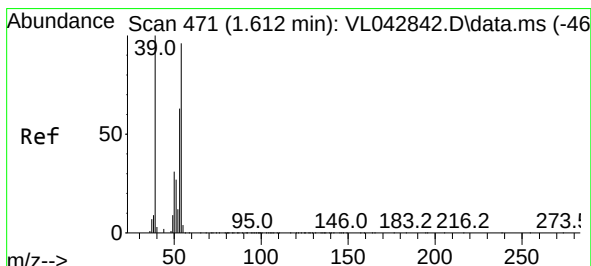
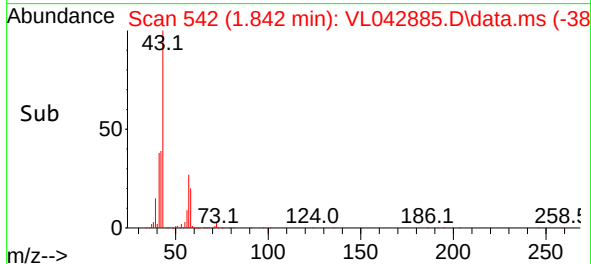
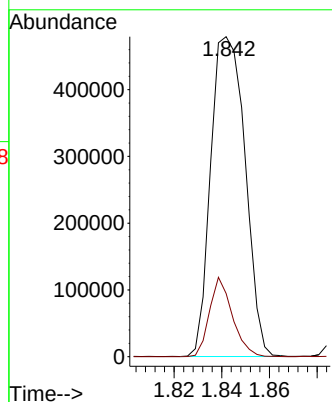
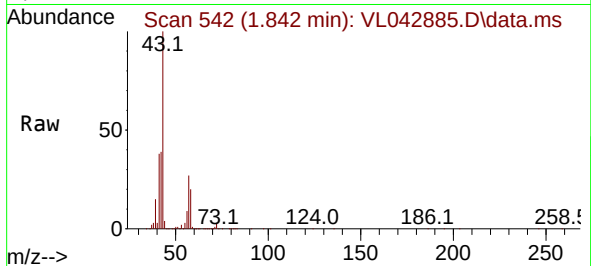




#15
Acetone
Concen: 28.552 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

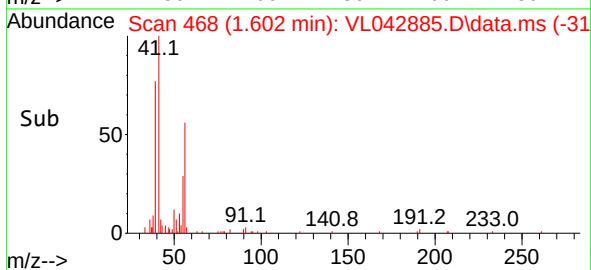
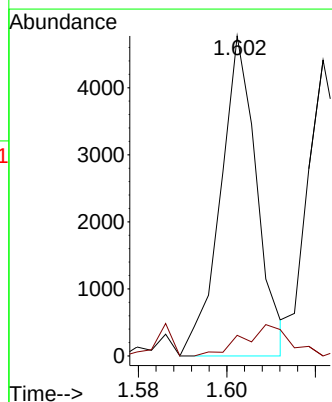
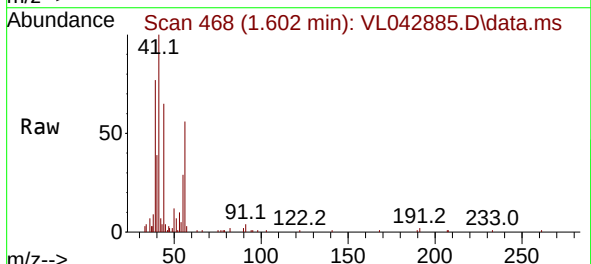
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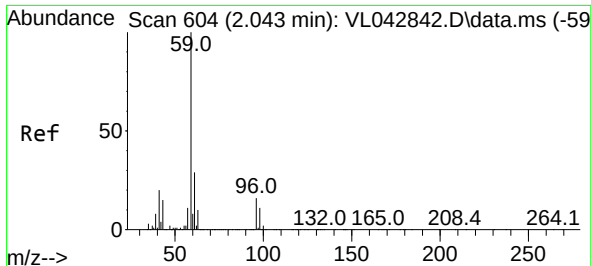
Tgt Ion: 43 Resp: 480005
Ion Ratio Lower Upper
43 100
58 16.6 22.4 33.6#



#16
1,3-Butadiene
Concen: 0.357 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.010 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 39 Resp: 2721
Ion Ratio Lower Upper
39 100
54 18.3 63.6 95.4#





#17

tert-Butyl alcohol

Concen: 0.462 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

Instrument :

MSVOA_L

ClientSampleId :

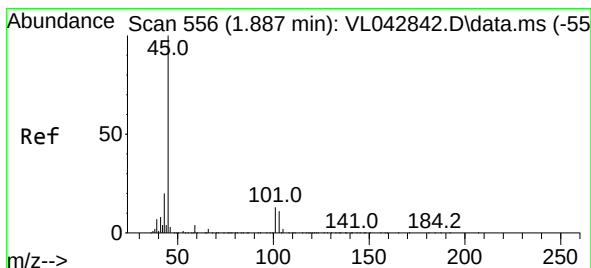
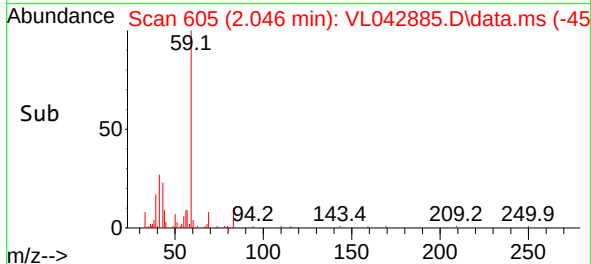
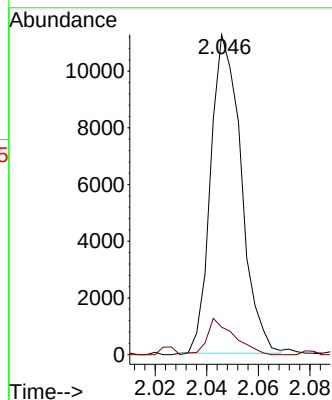
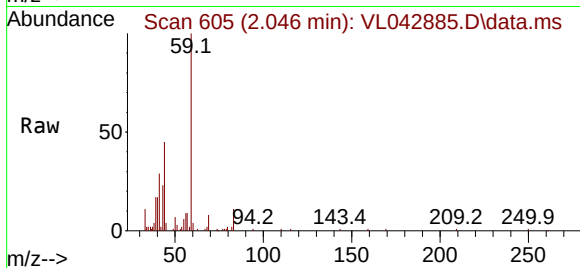
SV1DUP

Tgt Ion: 59 Resp: 9215

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#19

Isopropyl Alcohol

Concen: 14.571 ppbv

RT: 1.890 min Scan# 557

Delta R.T. 0.003 min

Lab File: VL042885.D

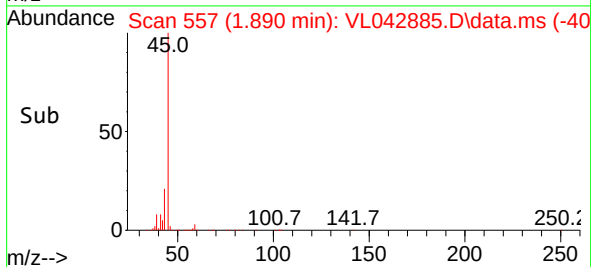
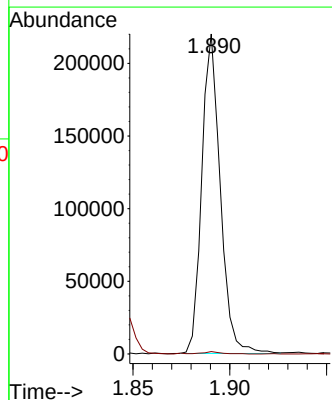
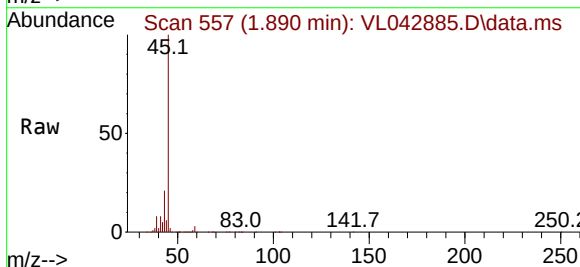
Acq: 26 Aug 2025 15:04

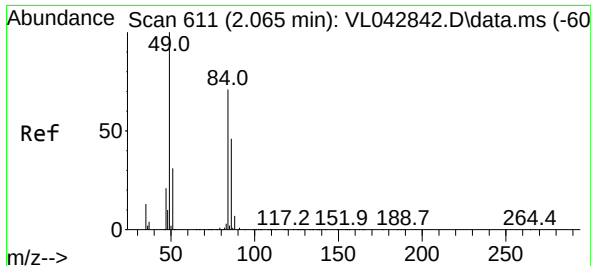
Tgt Ion: 45 Resp: 146310

Ion Ratio Lower Upper

45 100

58 54.5 32.7 49.1#

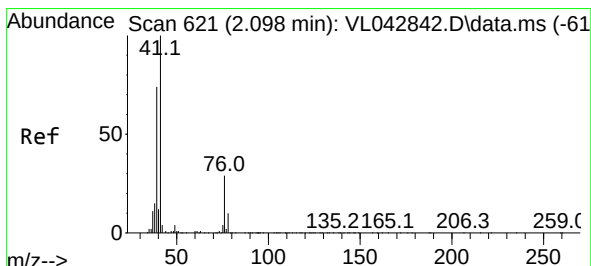
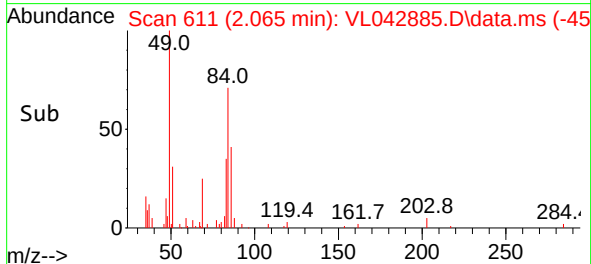
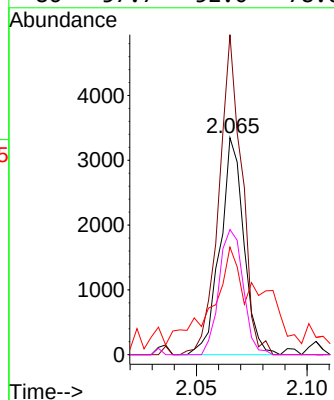
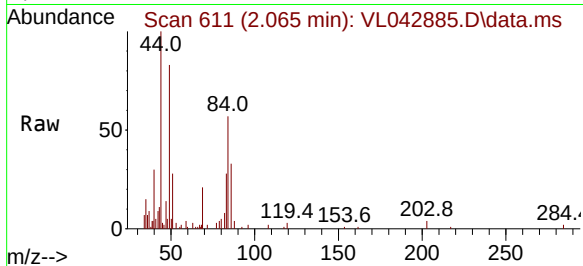




#20
Methylene Chloride
Concen: 0.354 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

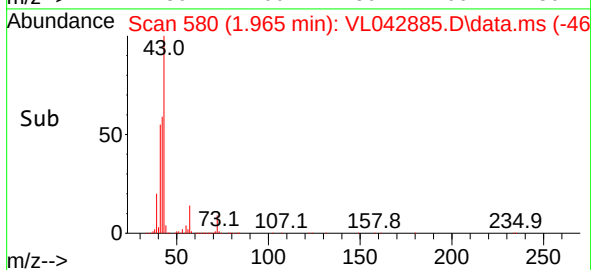
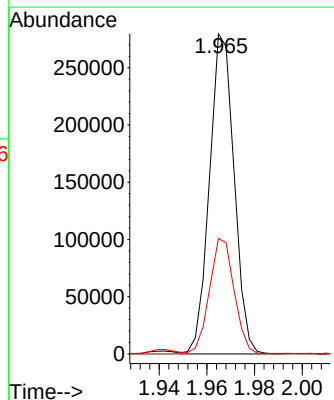
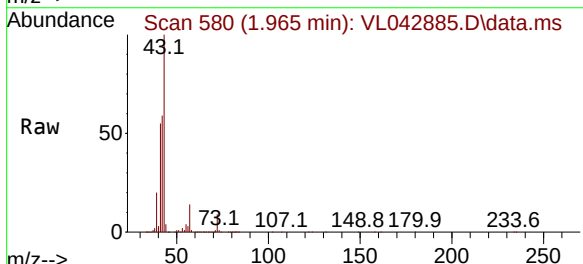
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

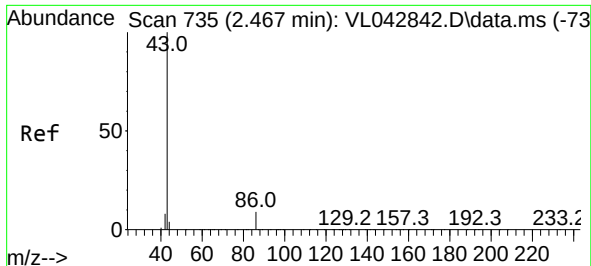
Tgt Ion:	84	Resp:	2490
Ion	Ratio	Lower	Upper
84	100		
49	147.5	112.3	168.5
51	38.2	36.0	54.0
86	57.7	52.0	78.0



#21
Allyl Chloride
Concen: 16.887 ppbv
RT: 1.965 min Scan# 580
Delta R.T. -0.133 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion:	41	Resp:	200556
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.9	35.9#
39	37.8	57.8	86.6#



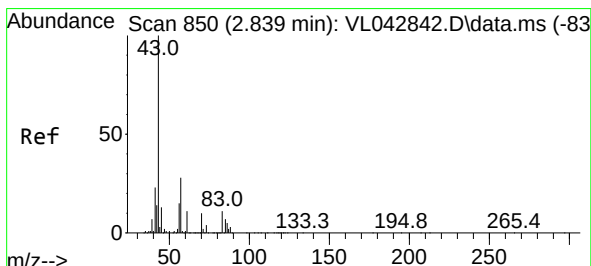
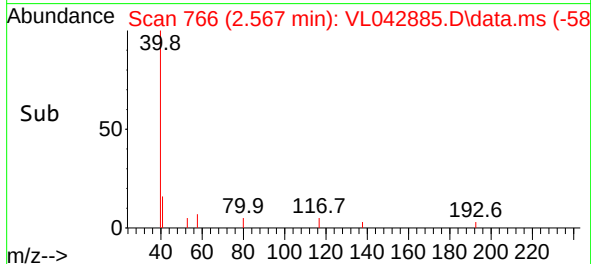
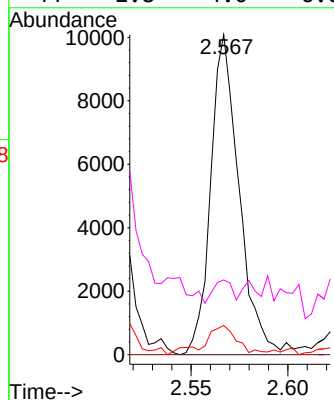
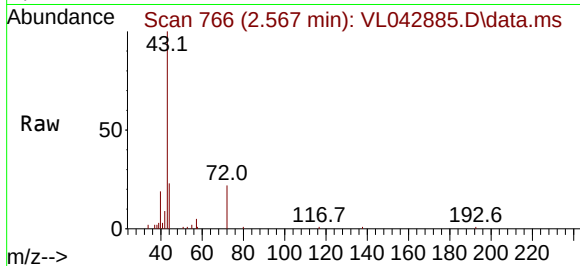


#23
 Vinyl Acetate
 Concen: 0.442 ppbv
 RT: 2.567 min Scan# 70
 Delta R.T. 0.100 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

Tgt Ion: 43 Resp: 10217

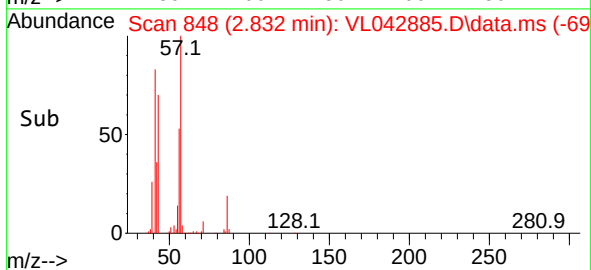
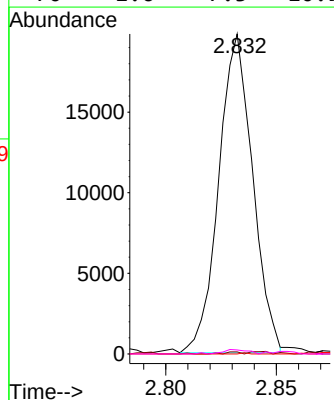
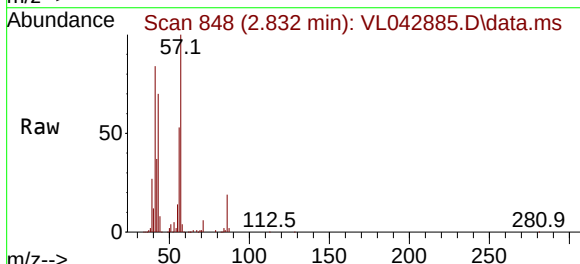
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	9.8#
42	6.9	7.0	10.6#
44	2.8	4.0	6.0#

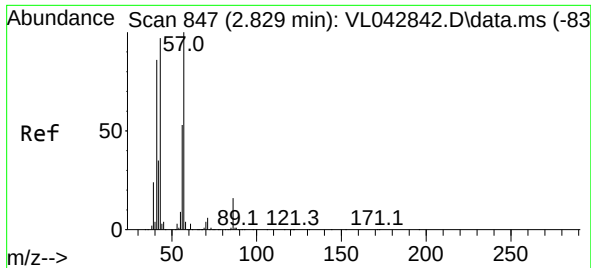


#25
 Ethyl Acetate
 Concen: 0.517 ppbv
 RT: 2.832 min Scan# 848
 Delta R.T. -0.007 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

Tgt Ion: 43 Resp: 21050

Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.1	12.1#
61	0.1	7.4	11.2#
70	1.6	7.3	10.9#

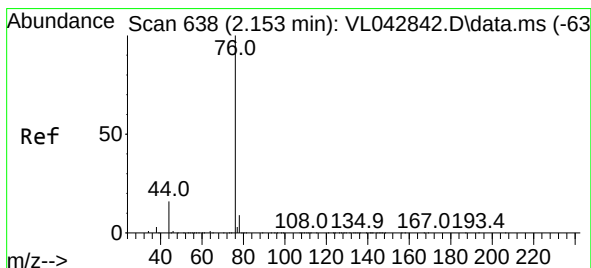
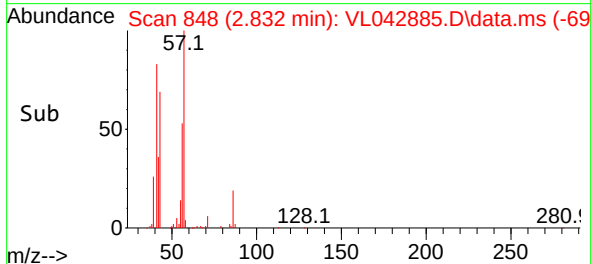
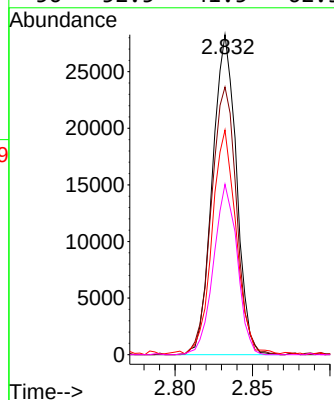
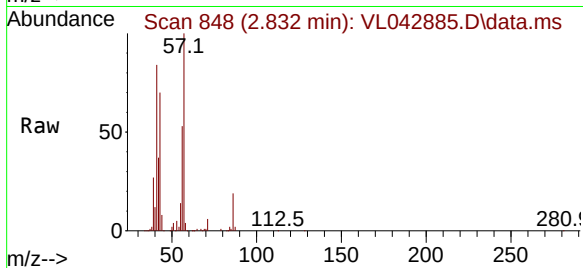




#26
Hexane
Concen: 1.623 ppbv
RT: 2.832 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

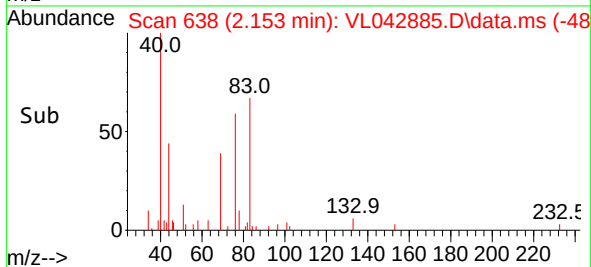
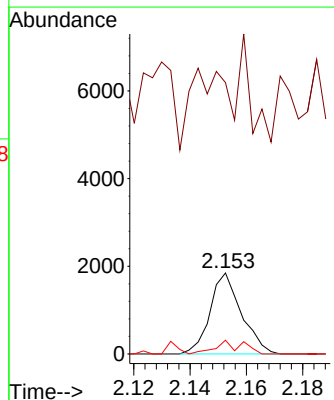
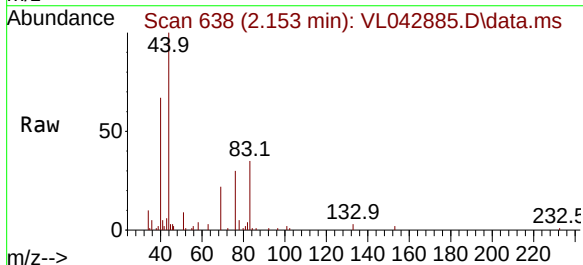
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

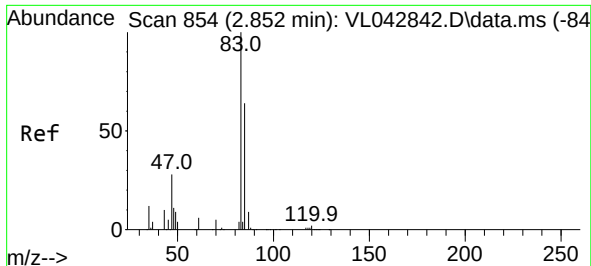
Tgt Ion: 57	Resp: 30482
Ion Ratio	Lower Upper
57 100	
41 87.6	68.6 103.0
43 72.6	168.5 252.7#
56 52.5	41.5 62.3



#27
Carbon Disulfide
Concen: 0.078 ppbv
RT: 2.153 min Scan# 638
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 76	Resp: 1428		
Ion Ratio	Lower	Upper	
76 100			
44 642.1	15.9	23.9#	
78 19.7	9.5	14.3#	

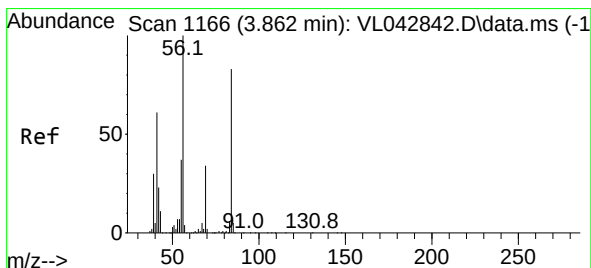
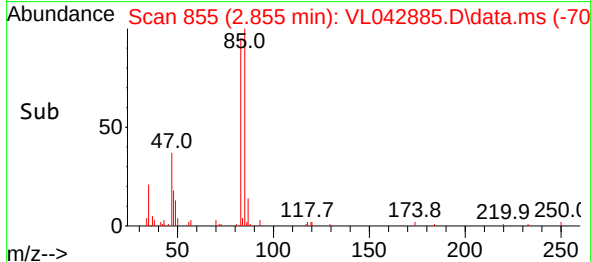
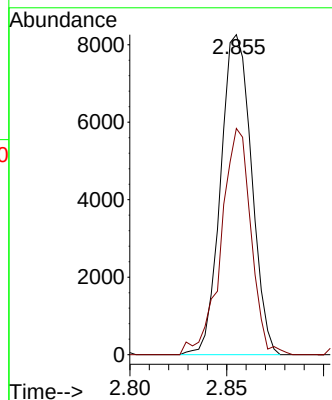
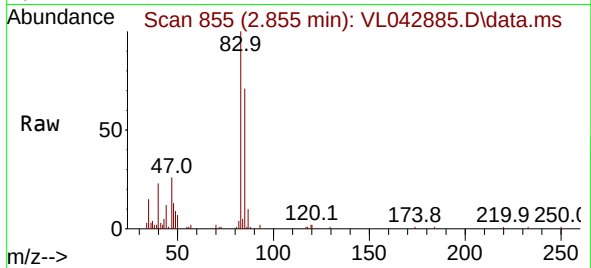




#29
Chloroform
Concen: 0.341 ppbv
RT: 2.855 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

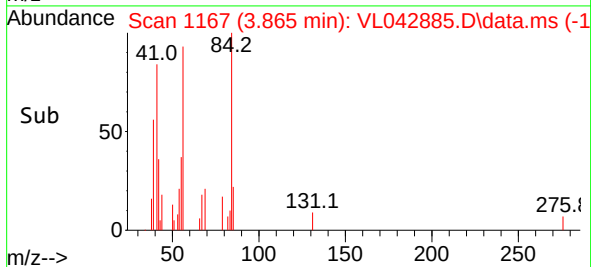
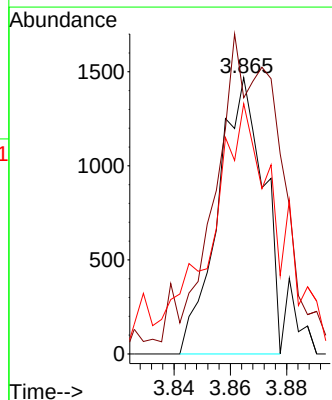
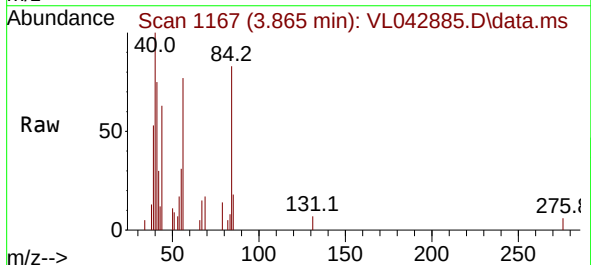
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

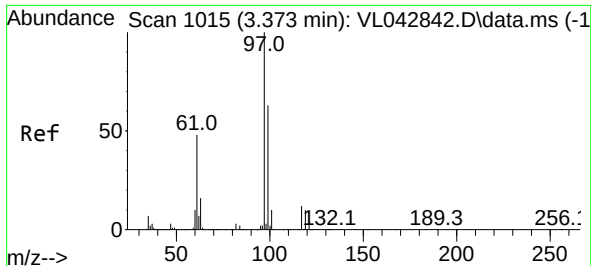
Tgt Ion: 83 Resp: 9153
Ion Ratio Lower Upper
83 100
85 70.7 51.1 76.7



#30
Cyclohexane
Concen: 0.100 ppbv
RT: 3.865 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 84 Resp: 1650
Ion Ratio Lower Upper
84 100
56 173.7 98.8 148.2#
41 154.5 61.3 91.9#

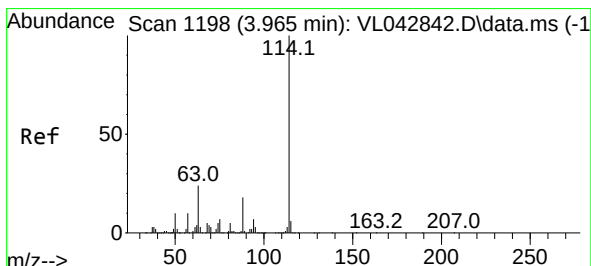
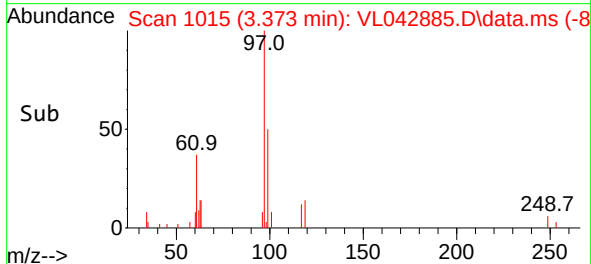
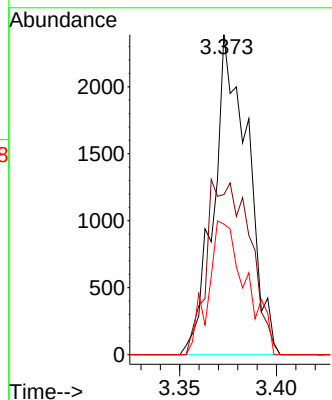
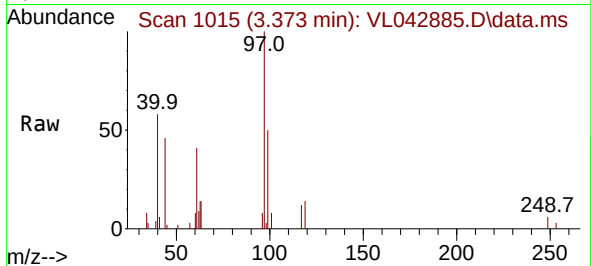




#32
 1,1,1-Trichloroethane
 Concen: 0.104 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

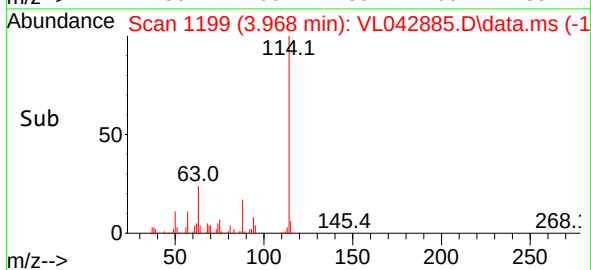
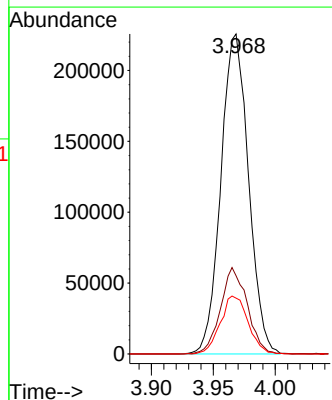
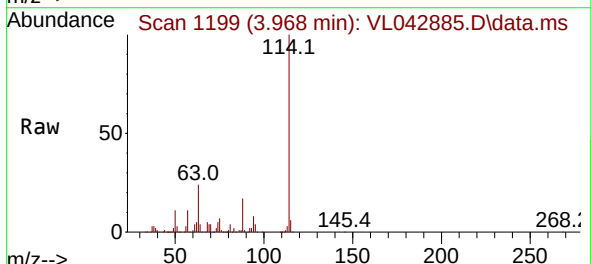
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

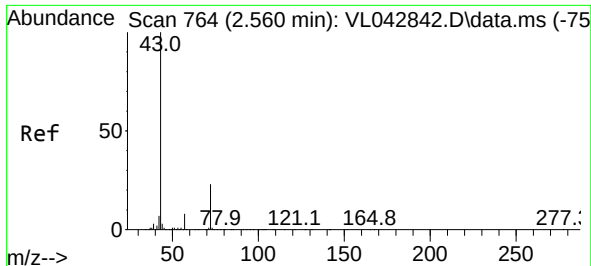
Tgt Ion:	97	Resp:	2937
Ion	Ratio	Lower	Upper
97	100		
99	69.0	51.0	76.6
61	46.4	38.0	57.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. 0.003 min
 Lab File: VL042885.D
 Acq: 26 Aug 2025 15:04

Tgt Ion:	114	Resp:	351085
Ion	Ratio	Lower	Upper
114	100		
63	26.1	19.7	29.5
88	18.2	14.4	21.6

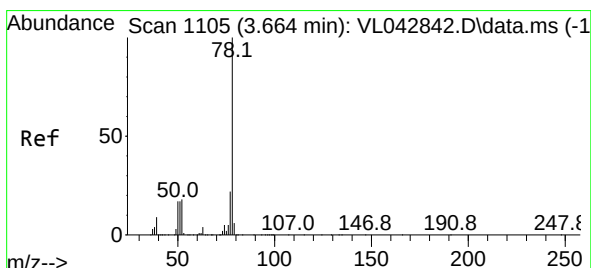
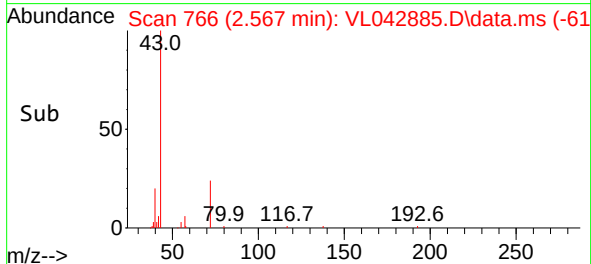
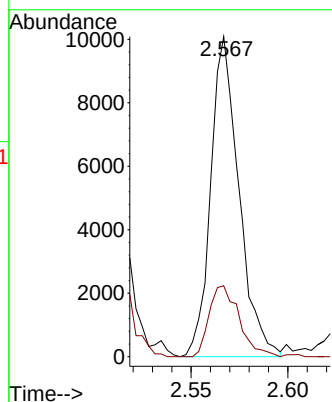
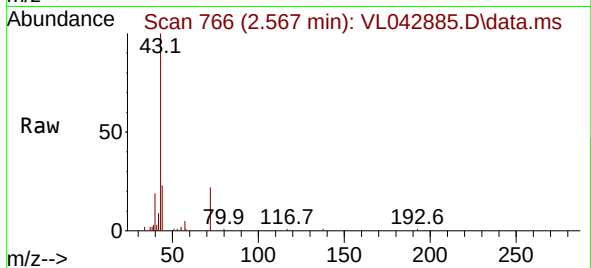




#34
2-Butanone
Concen: 0.431 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

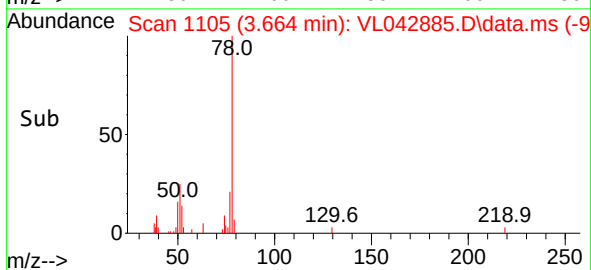
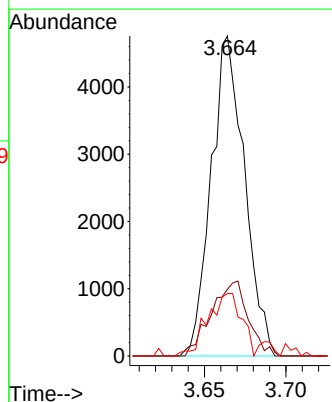
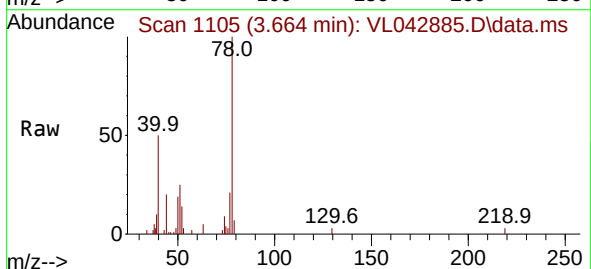
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

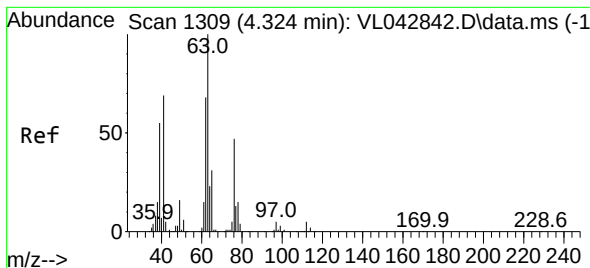
Tgt Ion: 43 Resp: 10217
Ion Ratio Lower Upper
43 100
72 24.0 18.6 28.0



#36
Benzene
Concen: 0.201 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 78 Resp: 6773
Ion Ratio Lower Upper
78 100
77 20.9 17.7 26.5
50 19.5 13.9 20.9





#39

1,2-Dichloropropane

Concen: 7.469 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.359 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

Instrument :

MSVOA_L

ClientSampleId :

SV1DUP

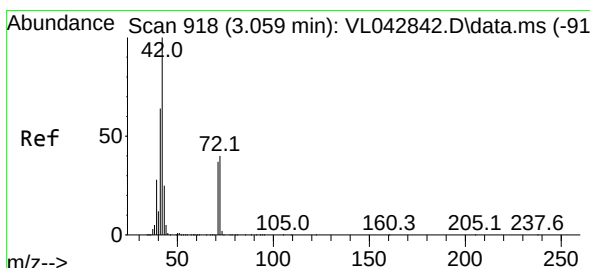
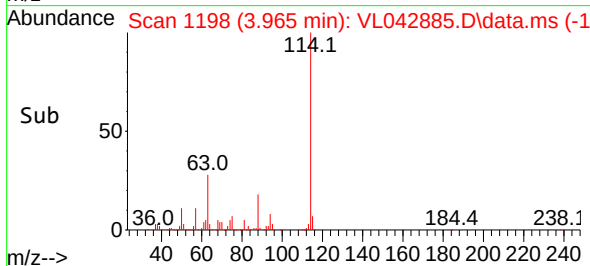
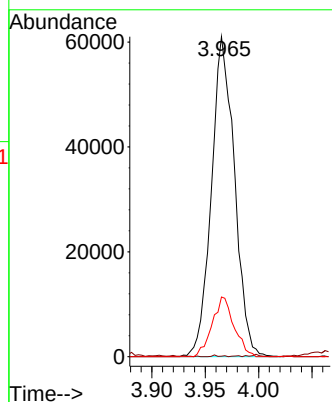
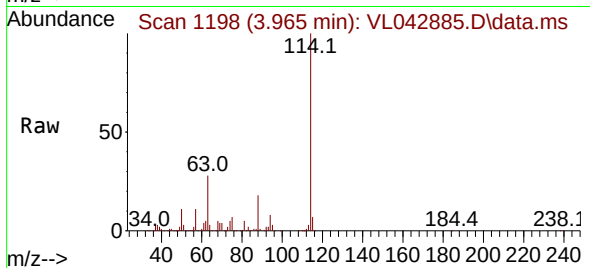
Tgt Ion: 63 Resp: 91711

Ion Ratio Lower Upper

63 100

41 0.2 55.0 82.4#

62 18.7 54.4 81.6#



#41

Tetrahydrofuran

Concen: 0.106 ppbv

RT: 3.069 min Scan# 921

Delta R.T. 0.010 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

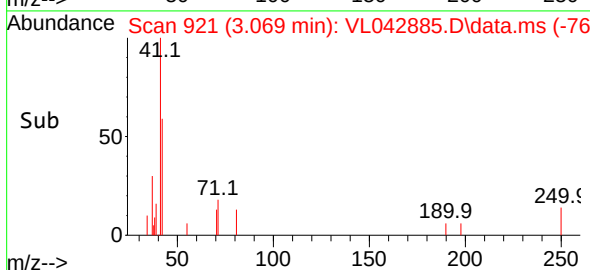
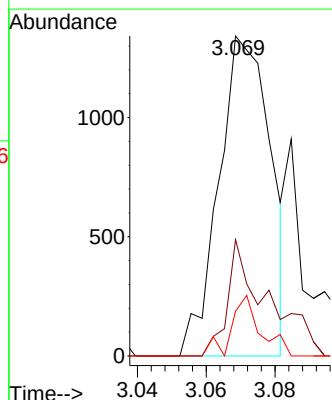
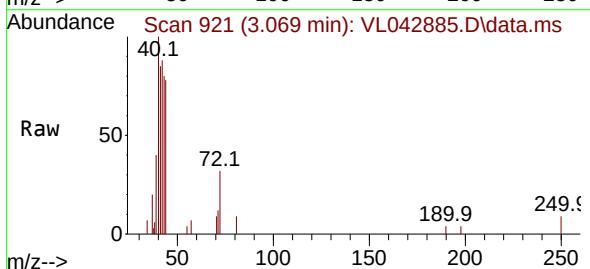
Tgt Ion: 42 Resp: 1401

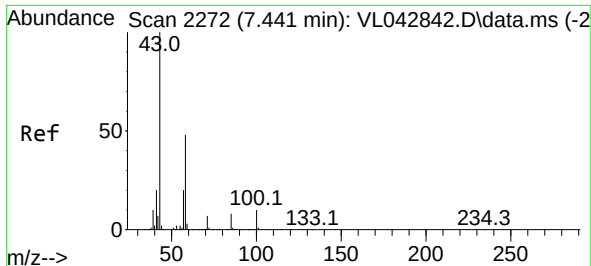
Ion Ratio Lower Upper

42 100

72 28.3 32.6 48.8#

71 10.7 30.0 45.0#

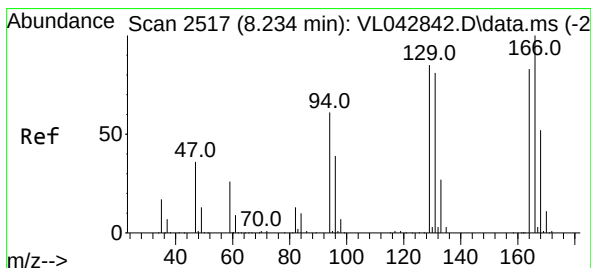
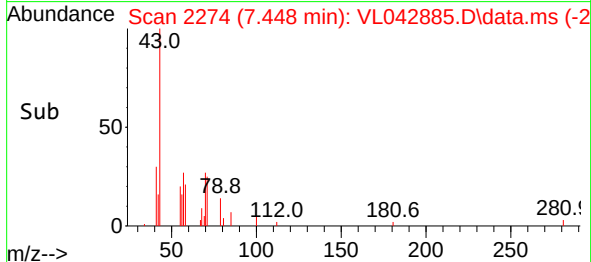
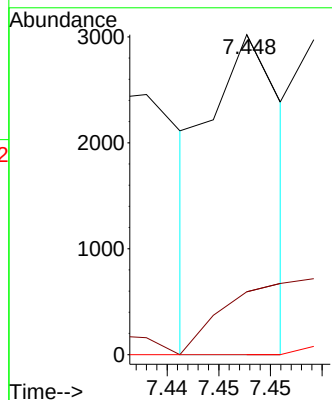
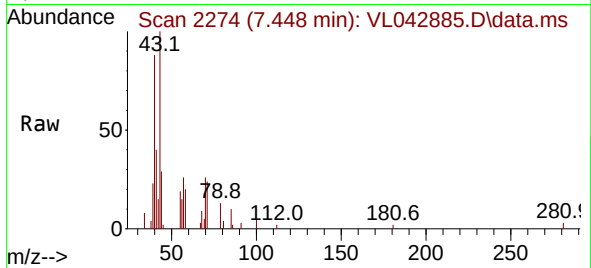




#51
2-Hexanone
Concen: 0.059 ppbv
RT: 7.448 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

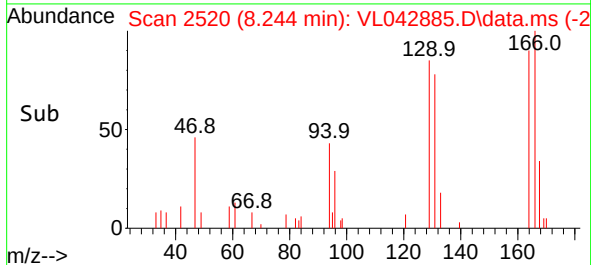
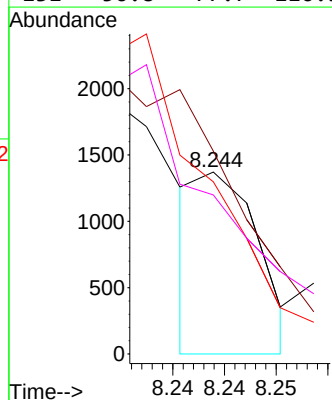
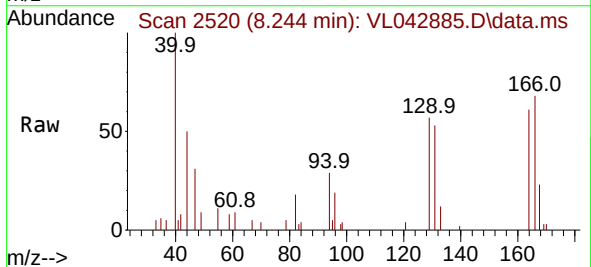
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

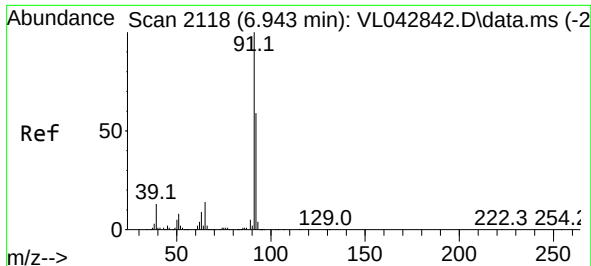
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 0.0 41.0 61.6#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.046 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 164 Resp: 555
Ion Ratio Lower Upper
164 100
166 85.7 96.5 144.7#
129 93.3 81.8 122.6
131 56.8 77.7 116.5#

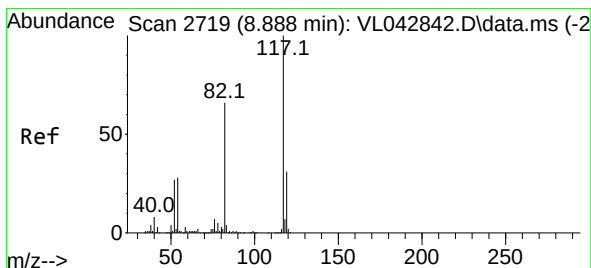
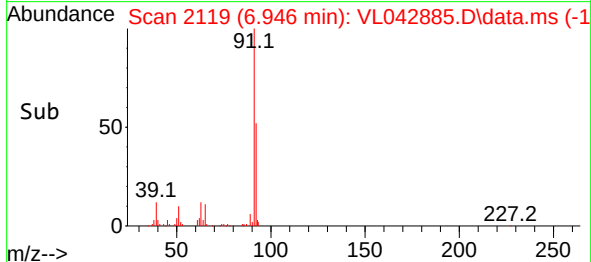
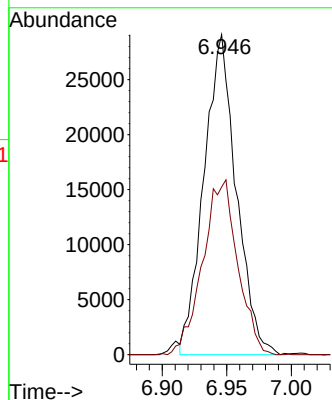
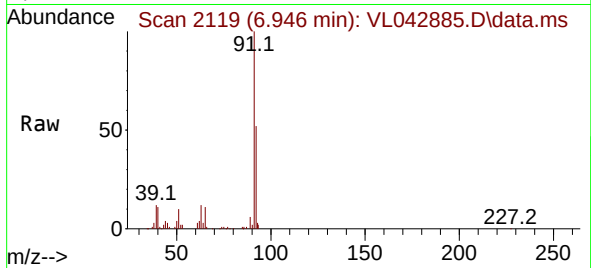




#53
Toluene
Concen: 1.268 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

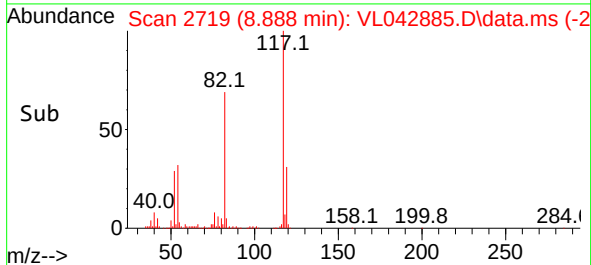
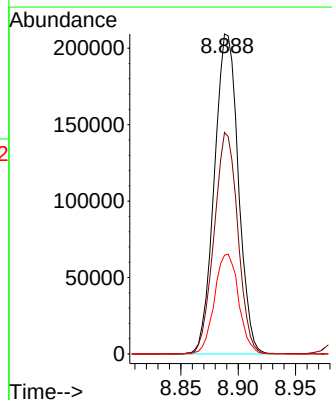
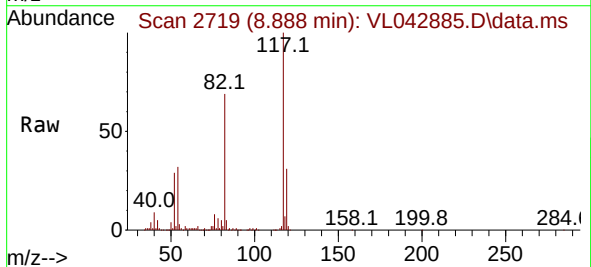
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

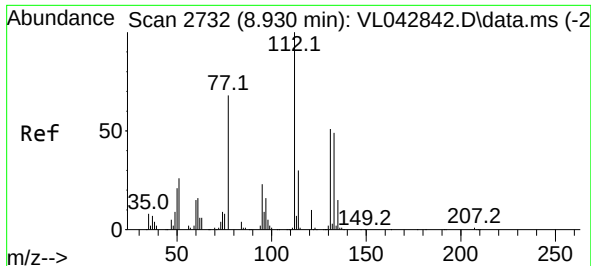
Tgt Ion: 91 Resp: 50686
Ion Ratio Lower Upper
91 100
92 59.2 47.8 71.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 117 Resp: 304927
Ion Ratio Lower Upper
117 100
82 68.5 54.6 81.8
119 31.4 25.9 38.9

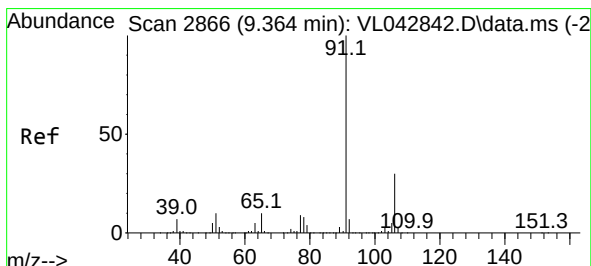
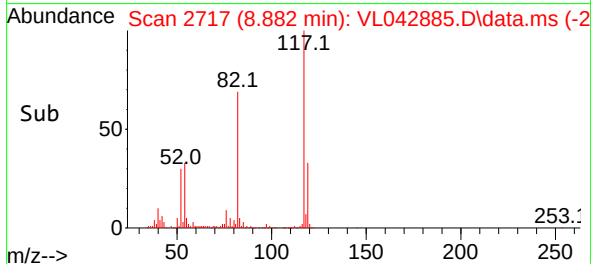
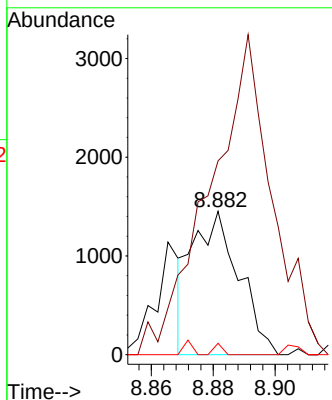
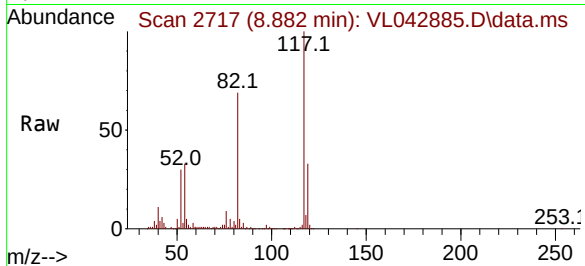




#57
Chlorobenzene
Concen: 0.052 ppbv
RT: 8.882 min Scan# 2114
Delta R.T. -0.049 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

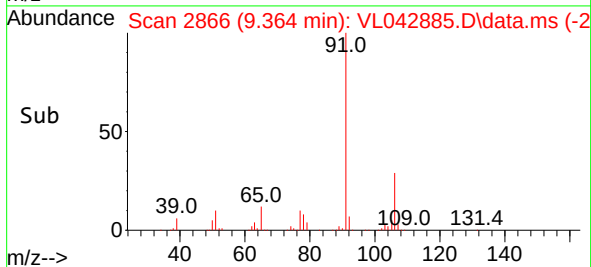
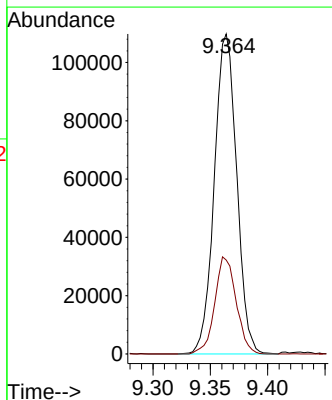
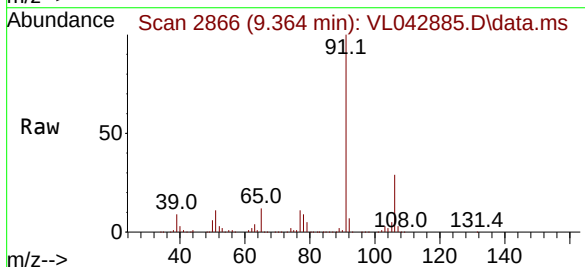
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

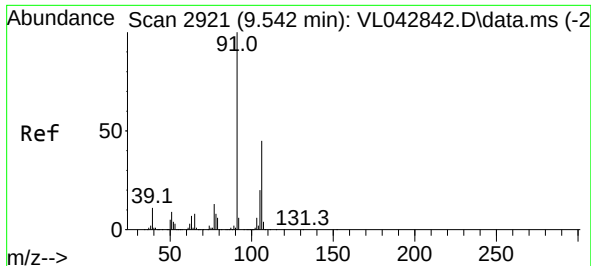
Tgt Ion	Ratio	Lower	Upper
112	100		
77	79.6	55.5	83.3
114	8.0	27.2	33.2



#58
Ethyl Benzene
Concen: 2.766 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.9	35.9





#59

m/p-Xylene

Concen: 0.917 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. -0.000 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

Instrument :

MSVOA_L

ClientSampleId :

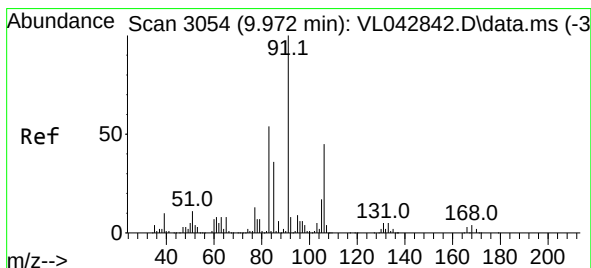
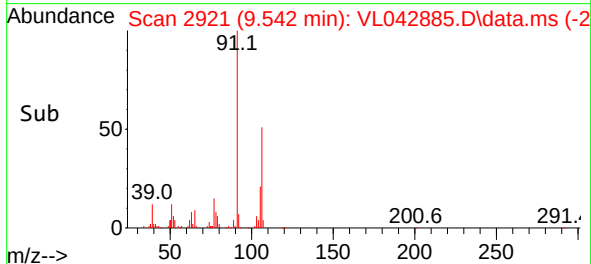
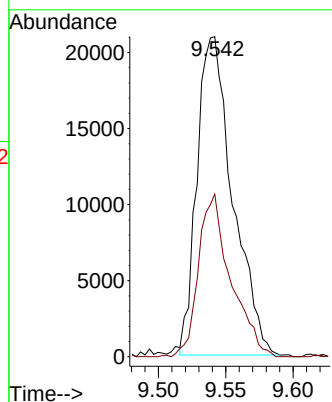
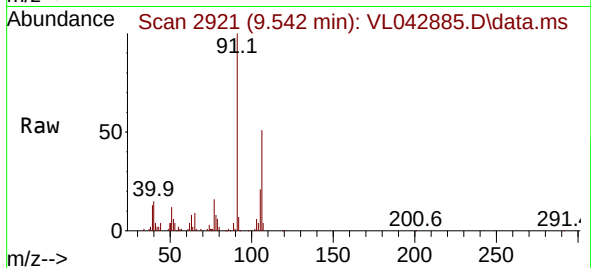
SV1DUP

Tgt Ion: 91 Resp: 38681

Ion Ratio Lower Upper

91 100

106 46.0 0.0 0.0#



#60

o-Xylene

Concen: 0.458 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.003 min

Lab File: VL042885.D

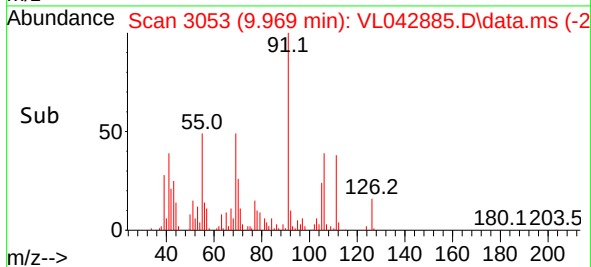
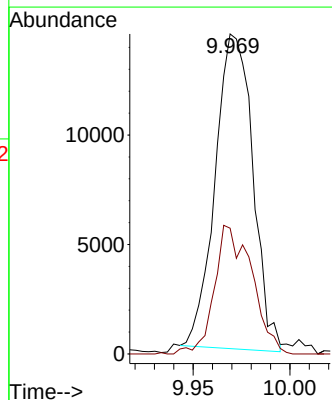
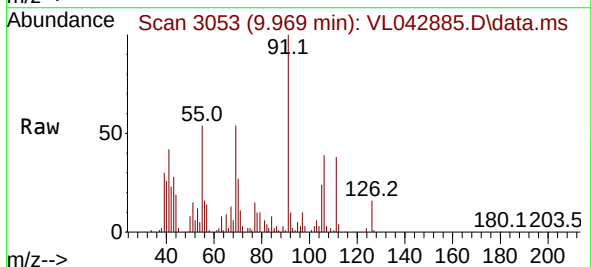
Acq: 26 Aug 2025 15:04

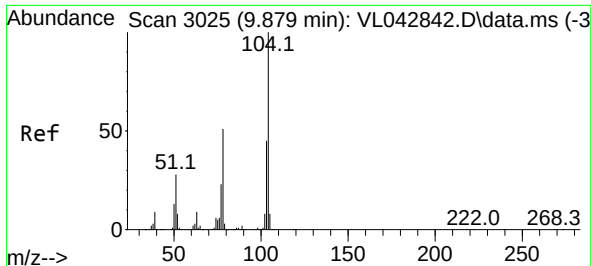
Tgt Ion: 91 Resp: 19430

Ion Ratio Lower Upper

91 100

106 40.7 21.8 65.4

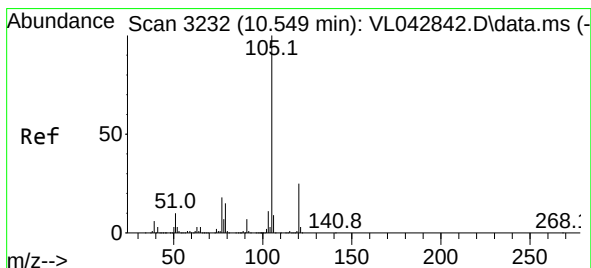
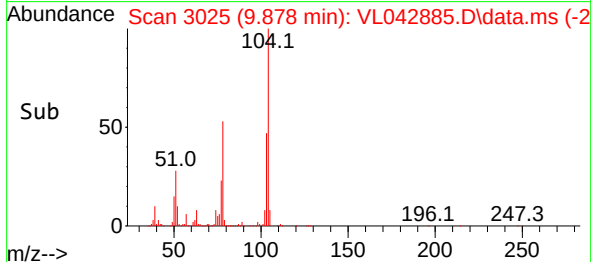
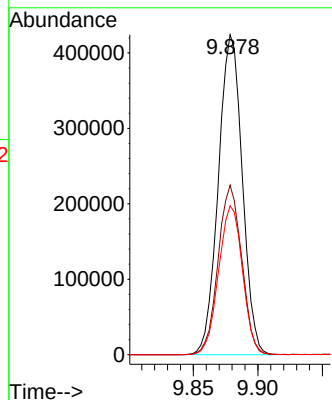
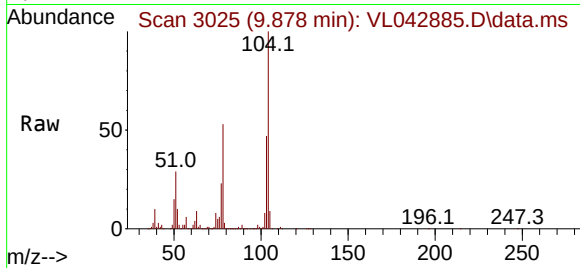




#61
Styrene
Concen: 27.461 ppbv
RT: 9.878 min Scan# 3025
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

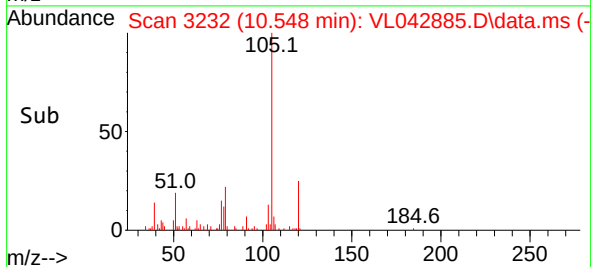
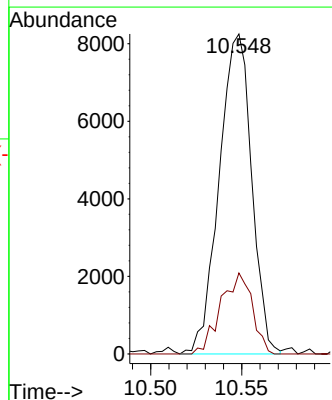
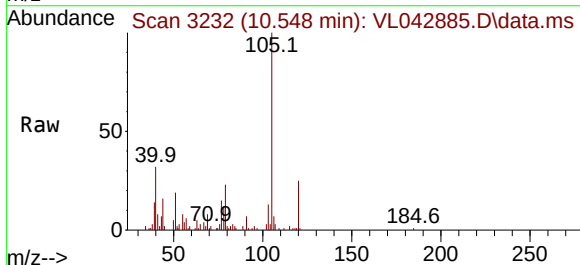
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

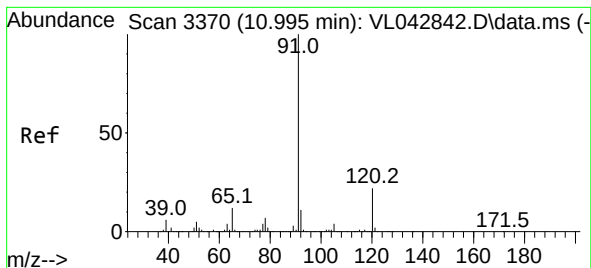
Tgt Ion:104 Resp: 545876
Ion Ratio Lower Upper
104 100
78 52.1 40.6 61.0
103 46.6 37.7 56.5



#62
Isopropylbenzene
Concen: 0.165 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion:105 Resp: 10221
Ion Ratio Lower Upper
105 100
120 24.5 20.6 30.8





#64

n-propylbenzene

Concen: 0.189 ppbv

RT: 10.998 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

Instrument :

MSVOA_L

ClientSampleId :

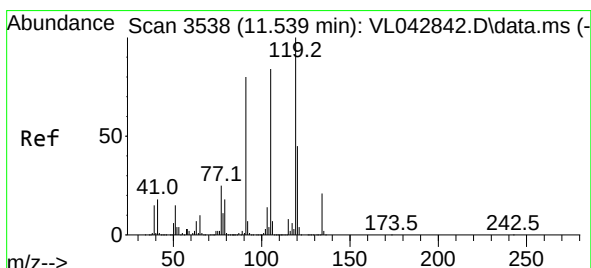
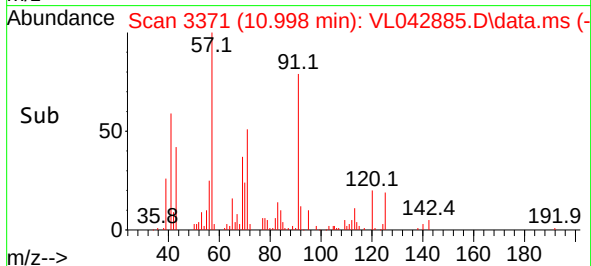
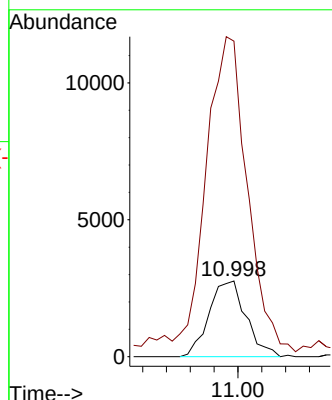
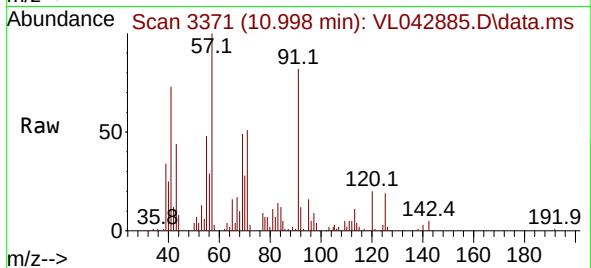
SV1DUP

Tgt Ion:120 Resp: 2984

Ion Ratio Lower Upper

120 100

91 526.5 375.8 563.6



#65

tert-Butylbenzene

Concen: 0.038 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.006 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

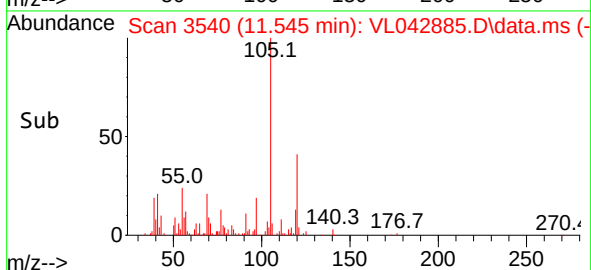
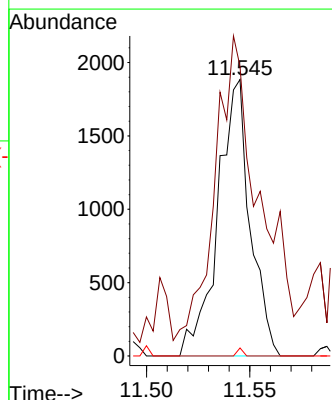
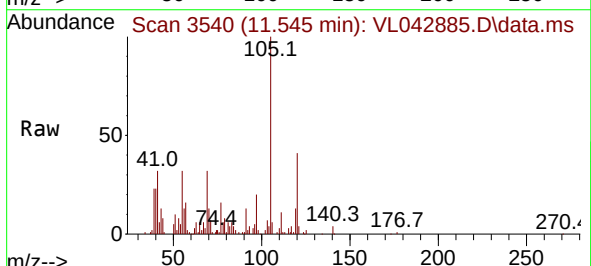
Tgt Ion:119 Resp: 2055

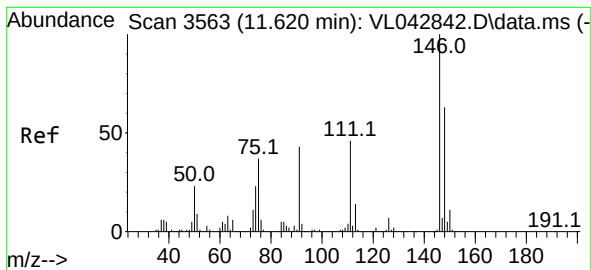
Ion Ratio Lower Upper

119 100

91 213.3 63.9 95.9#

134 0.0 17.0 25.4#

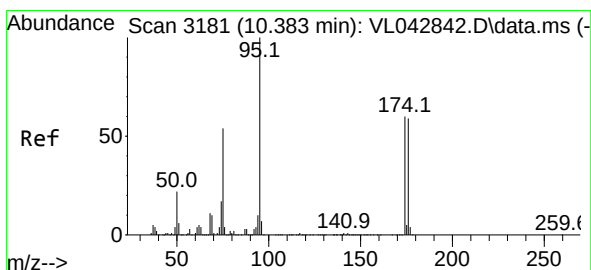
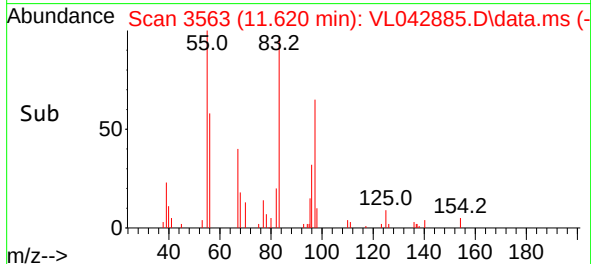
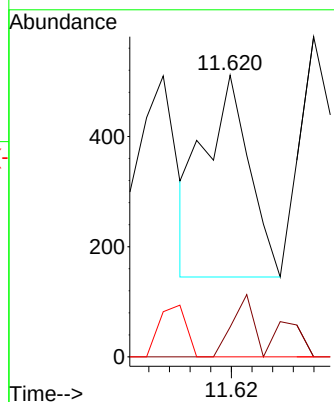
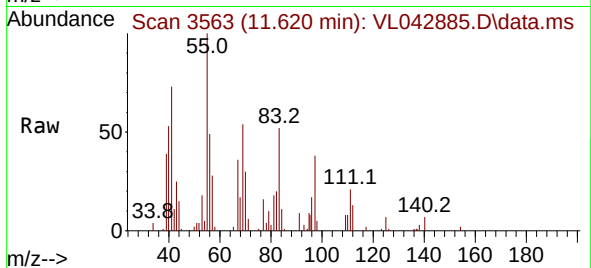




#66
Benzyl Chloride
Concen: 0.032 ppbv
RT: 11.620 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

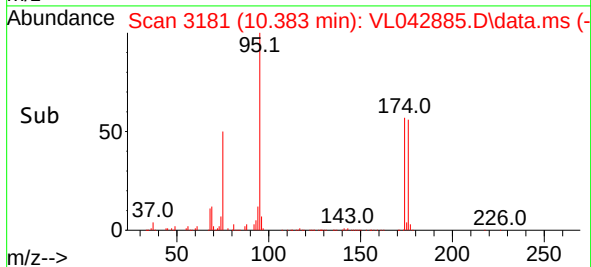
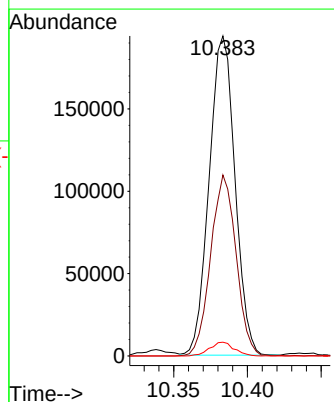
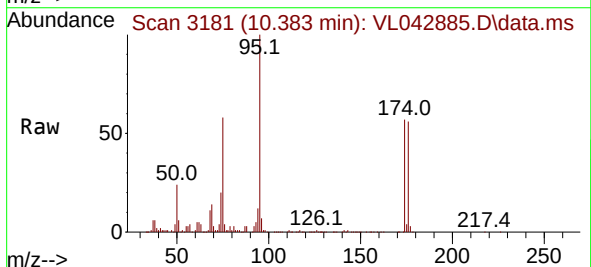
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

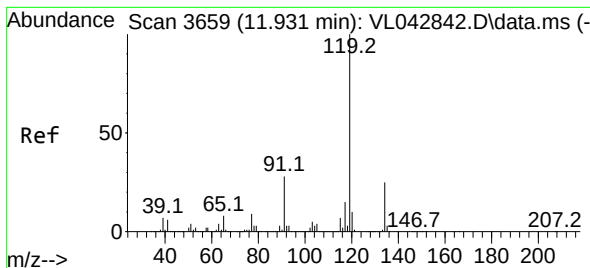
Tgt Ion: 91 Resp: 222
Ion Ratio Lower Upper
91 100
126 0.0 14.2 21.4#
128 0.0 5.0 7.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.317 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion: 95 Resp: 235935
Ion Ratio Lower Upper
95 100
174 55.9 48.4 72.6
175 4.1 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.058 ppbv

RT: 11.934 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL042885.D

Acq: 26 Aug 2025 15:04

Instrument :

MSVOA_L

ClientSampleId :

SV1DUP

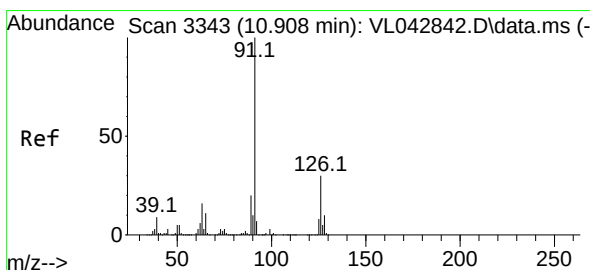
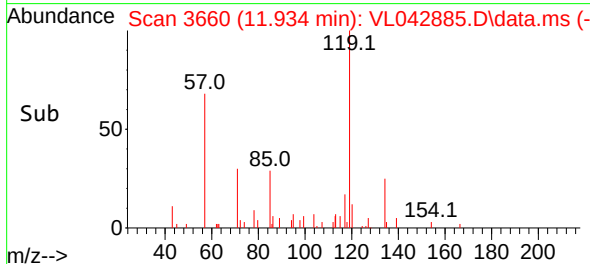
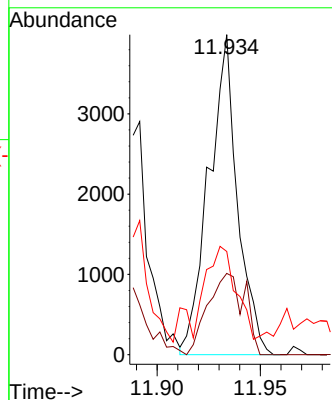
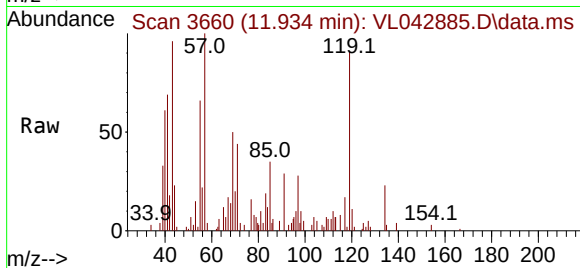
Tgt Ion:119 Resp: 3839

Ion Ratio Lower Upper

119 100

134 32.7 20.6 30.8#

91 38.0 22.6 34.0#



#71

2-Chlorotoluene

Concen: 0.040 ppbv

RT: 11.102 min Scan# 3403

Delta R.T. 0.194 min

Lab File: VL042885.D

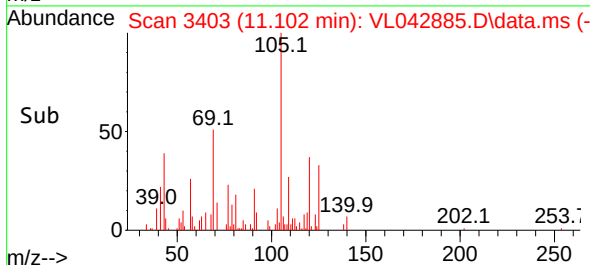
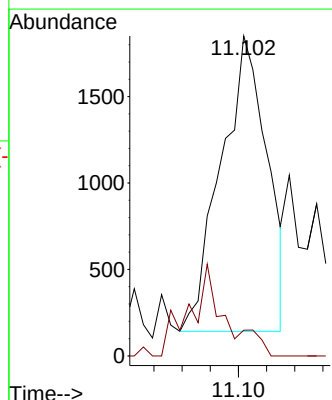
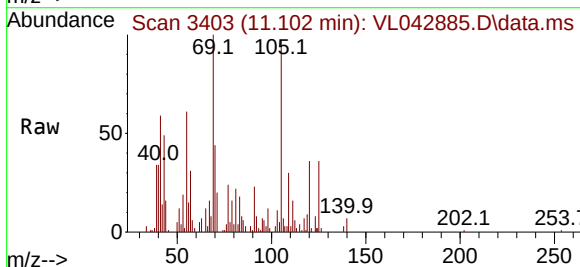
Acq: 26 Aug 2025 15:04

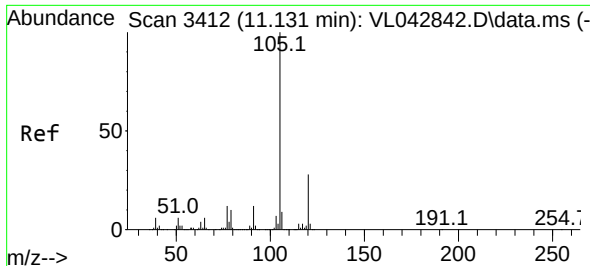
Tgt Ion: 91 Resp: 1942

Ion Ratio Lower Upper

91 100

126 24.4 12.0 47.8

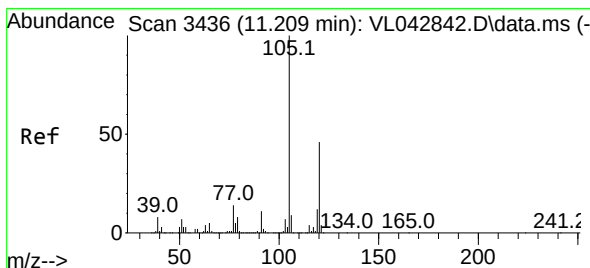
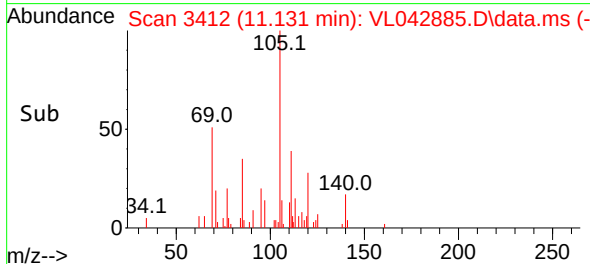
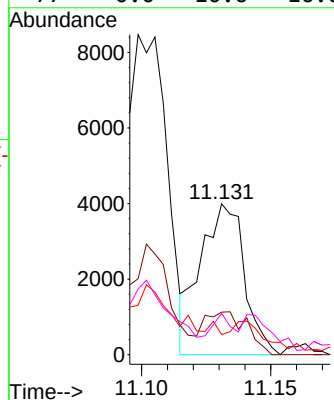
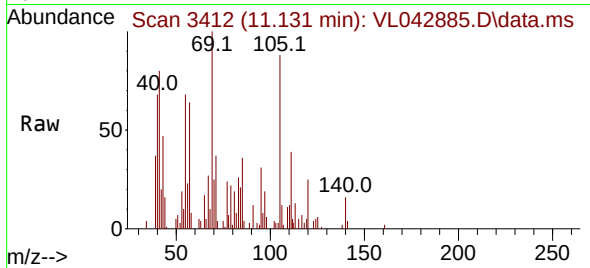




#72
4-Ethyltoluene
Concen: 0.092 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

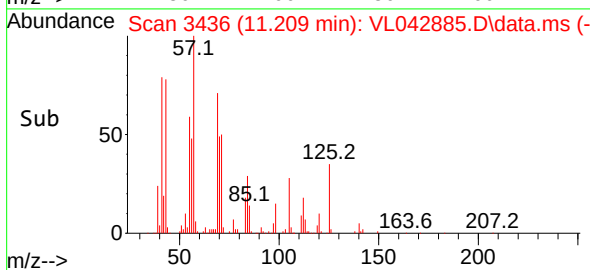
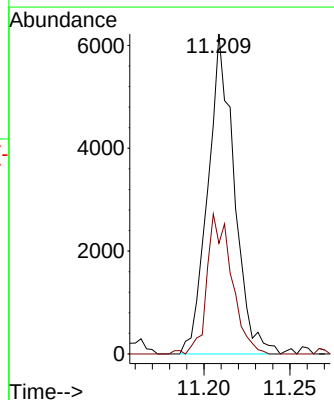
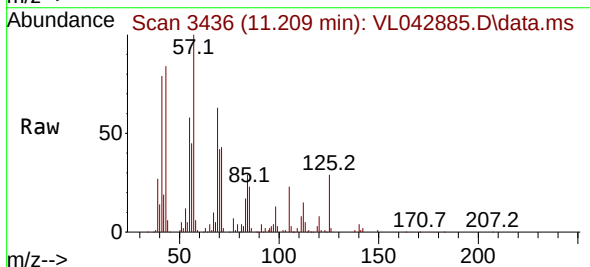
Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

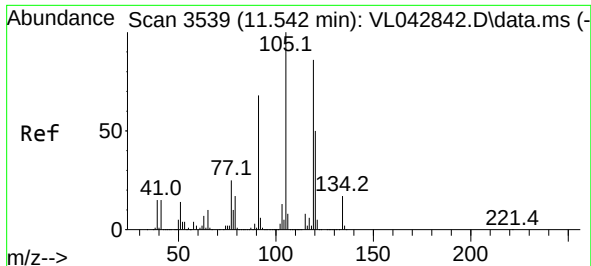
Tgt Ion:105	Resp:	4742
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.4 35.2#
91	0.0	9.8 14.6#
77	0.0	10.6 16.0#



#73
1,3,5-Trimethylbenzene
Concen: 0.152 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion:105	Resp:	6639
Ion Ratio	Lower	Upper
105	100	
120	34.6	36.6 54.8#

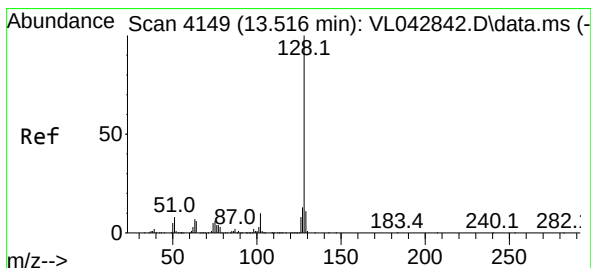
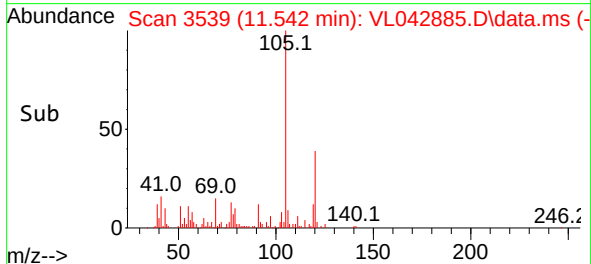
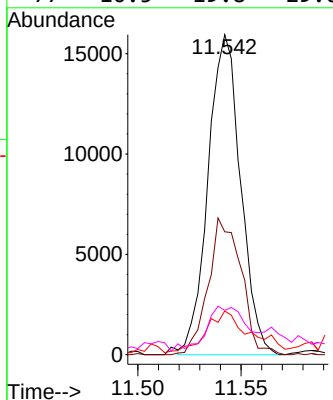
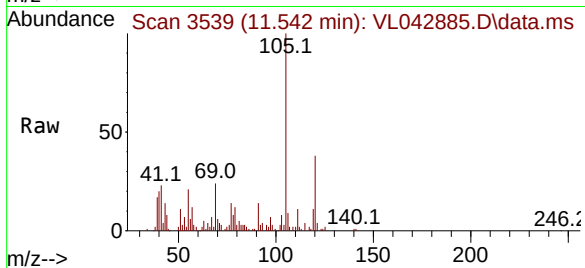




#74
1,2,4-Trimethylbenzene
Concen: 0.364 ppbv
RT: 11.542 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion:	105	Resp:	17454
Ion	Ratio	Lower	Upper
105	100		
120	37.9	39.8	59.6#
91	12.4	54.2	81.4#
77	10.5	19.8	29.6#



#79
Naphthalene
Concen: 0.039 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.006 min
Lab File: VL042885.D
Acq: 26 Aug 2025 15:04

Tgt Ion:	128	Resp:	1682
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.6	16.0
129	4.0	8.9	13.3#

