

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
 Data File : VL042207.D
 Acq On : 31 Mar 2025 13:05
 Operator : SY/MD
 Sample : Q1649-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Apr 01 01:39:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

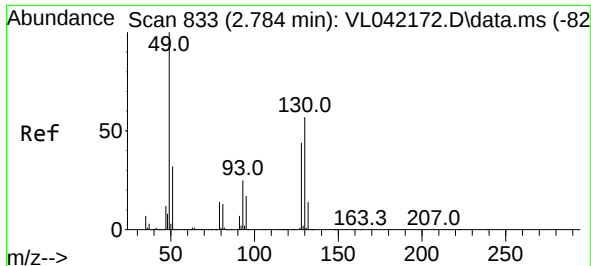
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.803	49	188990	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	532030	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	474470	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	384646	9.872	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	4066	0.146	ppbv	99
3) Chlorodifluoromethane	1.483	51	5811	0.204	ppbv #	79
4) Chloromethane	1.541	50	712	0.062	ppbv #	54
7) Chloroethane	1.712	64	301	0.066	ppbv	92
9) Propene	1.489	41	15539	1.189	ppbv	93
10) Heptane	5.004	43	7035	0.202	ppbv #	10
11) Trichlorofluoromethane	1.884	101	1590	0.059	ppbv #	72
13) Ethanol	1.729	45	13674	11.071	ppbv #	27
15) Acetone	1.845	43	66131	2.502	ppbv	92
16) 1,3-Butadiene	1.606	39	6816	0.528	ppbv #	30
19) Isopropyl Alcohol	1.897	45	8547	0.573	ppbv #	1
20) Methylene Chloride	2.075	84	3942	0.400	ppbv #	73
22) trans-1,2-Dichloroethene	2.353	96	362	0.030	ppbv #	16
23) Vinyl Acetate	2.476	43	18997	1.661	ppbv #	87
25) Ethyl Acetate	2.839	43	173944	2.536	ppbv #	77
26) Hexane	2.842	57	238592	9.004	ppbv #	29
27) Carbon Disulfide	2.159	76	3911	0.138	ppbv #	58
29) Chloroform	2.865	83	1264	0.033	ppbv	92
34) 2-Butanone	2.577	43	8334	0.216	ppbv	95
36) Benzene	3.677	78	5514	0.105	ppbv #	79
38) Trichloroethene	4.577	130	1269	0.058	ppbv #	67
39) 1,2-Dichloropropane	3.981	63	133577	6.954	ppbv #	22
41) Tetrahydrofuran	2.842	42	98878	4.451	ppbv #	48
51) 2-Hexanone	7.487	43	1628	0.032	ppbv #	82
52) Tetrachloroethene	8.250	164	7895	0.377	ppbv #	71
53) Toluene	6.966	91	33676	0.539	ppbv	96
58) Ethyl Benzene	9.377	91	8276	0.098	ppbv #	76
59) m/p-Xylene	9.574	91	5514	0.082	ppbv #	31
60) o-Xylene	9.985	91	12139	0.180	ppbv	95
64) n-propylbenzene	11.002	120	979	0.038	ppbv	66
65) tert-Butylbenzene	11.552	119	3170	0.034	ppbv #	16
66) Benzyl Chloride	11.549	91	3963	0.400	ppbv #	68
67) sec-Butylbenzene	12.057	105	7432	0.057	ppbv	95
69) p-Isopropyltoluene	11.940	119	6972	0.062	ppbv	97
72) 4-Ethyltoluene	11.144	105	7117	0.085	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.222	105	6787	0.093	ppbv	96
74) 1,2,4-Trimethylbenzene	11.552	105	32137	0.380	ppbv #	66

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

Quant Time: Apr 01 01:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

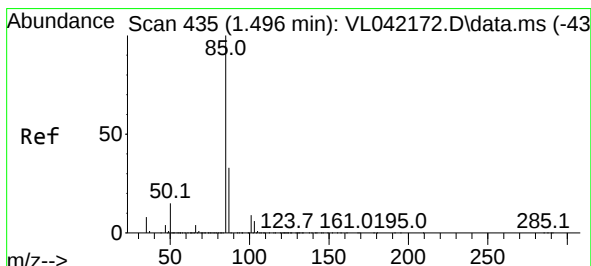
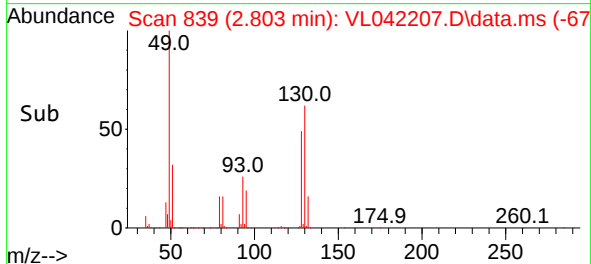
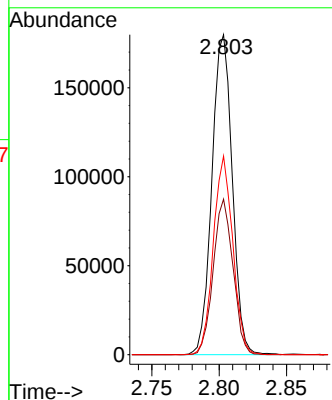
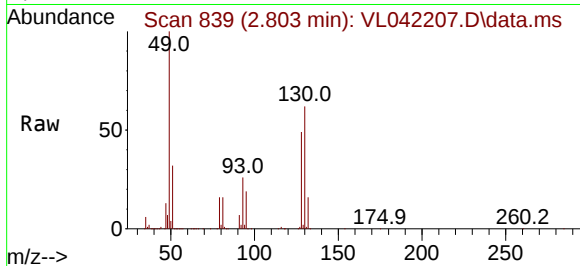




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.803 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VL042207.D
 Acq: 31 Mar 2025 13:05

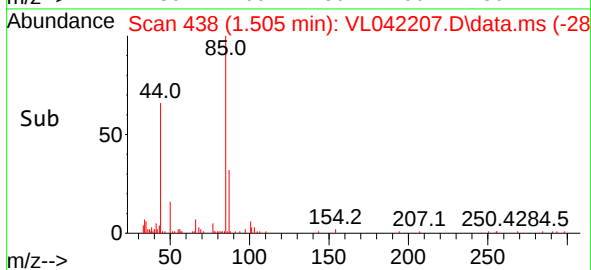
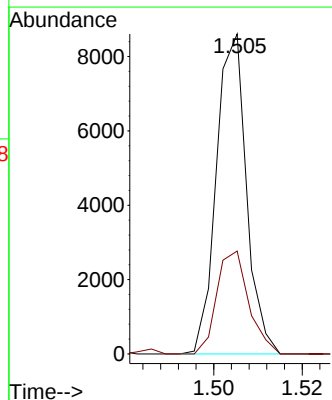
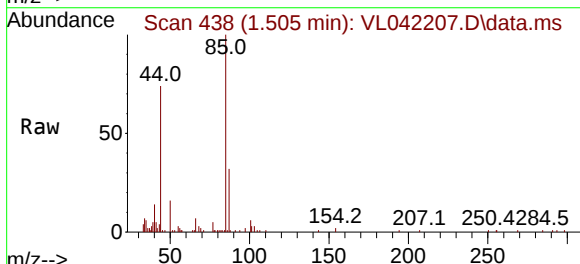
Instrument :
 MSVOA_1
 ClientSampleId :
 SV1

Tgt Ion: 49 Resp: 188990
 Ion Ratio Lower Upper
 49 100
 128 47.3 22.9 68.5
 130 59.4 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 0.146 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.010 min
 Lab File: VL042207.D
 Acq: 31 Mar 2025 13:05

Tgt Ion: 85 Resp: 4066
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1

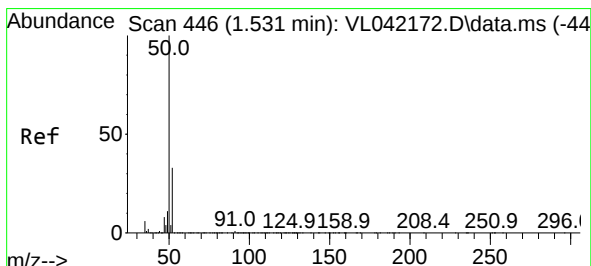
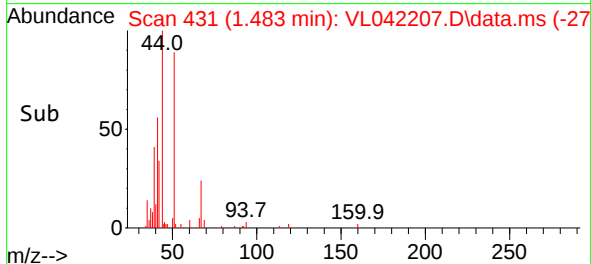
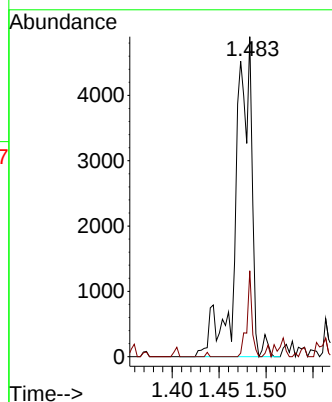
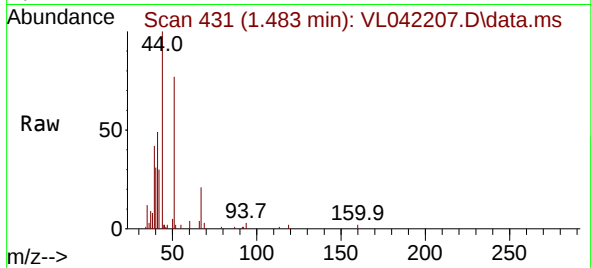




#3
Chlorodifluoromethane
Concen: 0.204 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

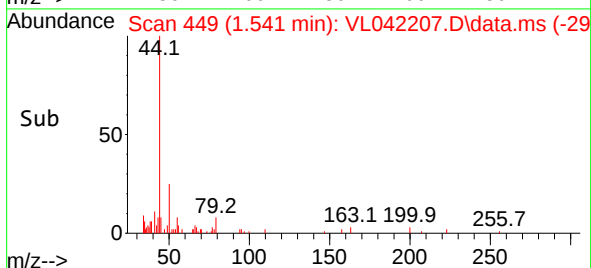
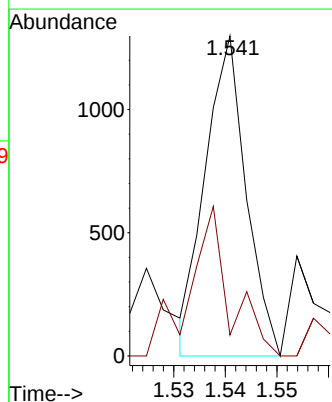
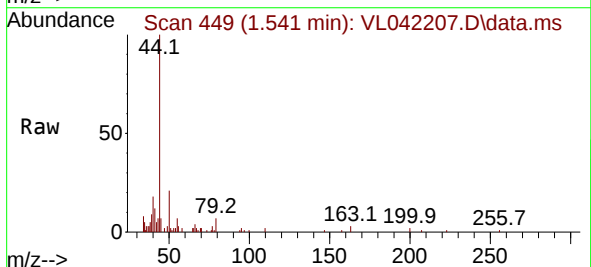
Instrument :
MSVOA_L
ClientSampleId :
SV1

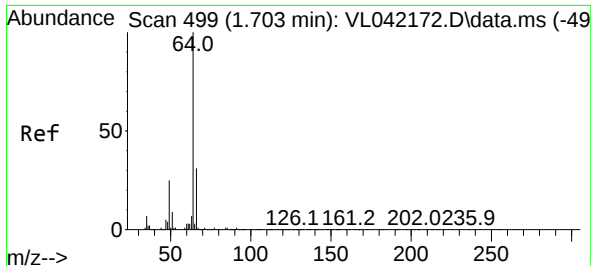
Tgt Ion: 51 Resp: 5811
Ion Ratio Lower Upper
51 100
67 9.2 15.0 22.6#



#4
Chloromethane
Concen: 0.062 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.010 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 6.5 26.1 39.1#

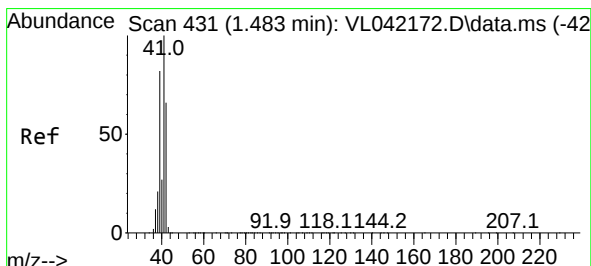
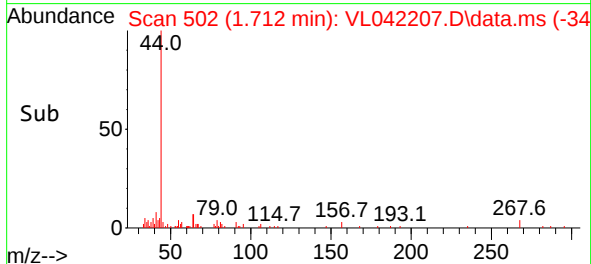
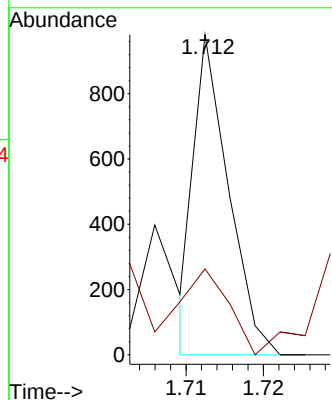
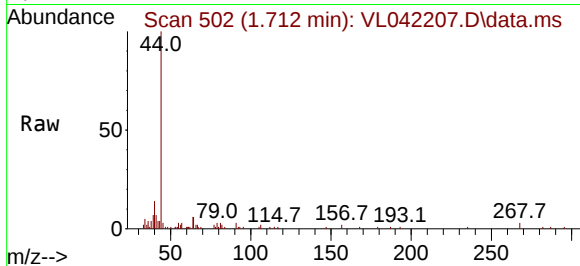




#7
Chloroethane
Concen: 0.066 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.010 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

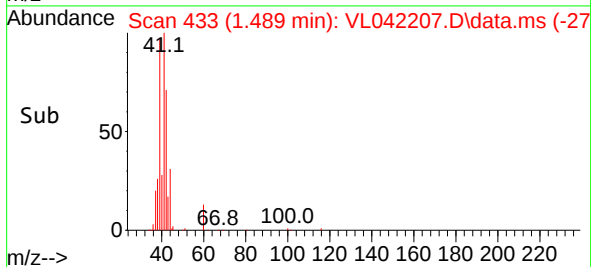
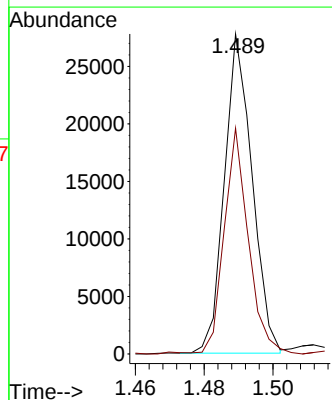
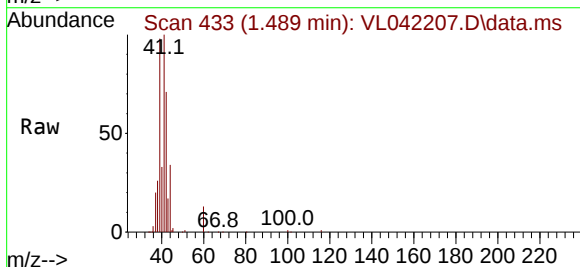
Instrument :
MSVOA_L
ClientSampleId :
SV1

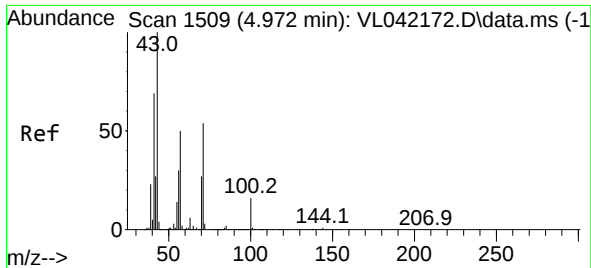
Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 26.8 25.2 37.8



#9
Propene
Concen: 1.189 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.006 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 41 Resp: 15539
Ion Ratio Lower Upper
41 100
42 63.3 55.4 83.2





#10

Heptane

Concen: 0.202 ppbv

RT: 5.004 min Scan# 11

Delta R.T. 0.032 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

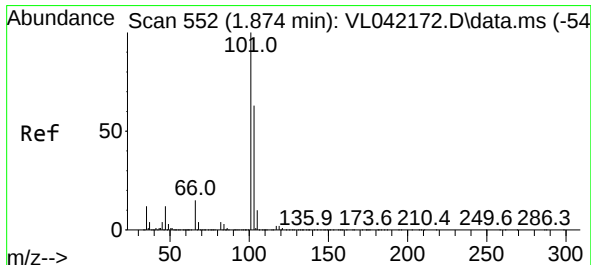
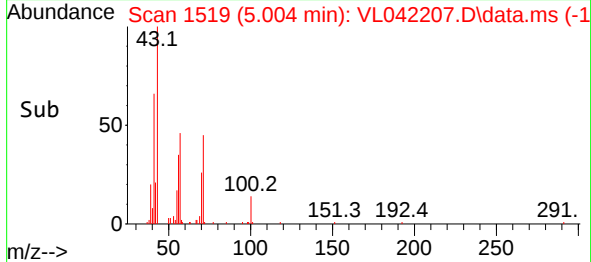
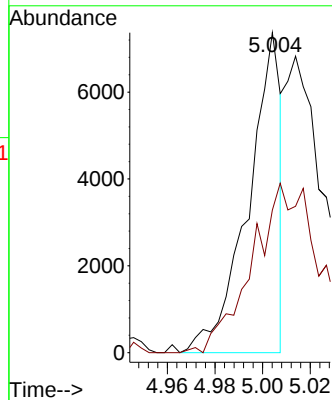
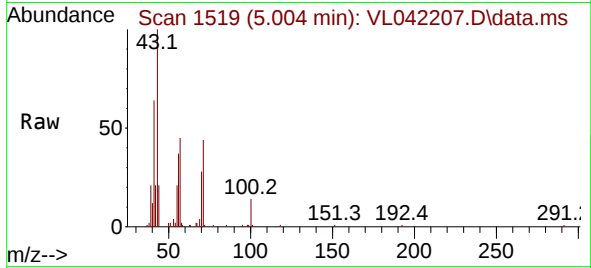
SV1

Tgt Ion: 43 Resp: 7035

Ion Ratio Lower Upper

43 100

57 111.2 39.4 59.2#



#11

Trichlorofluoromethane

Concen: 0.059 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.010 min

Lab File: VL042207.D

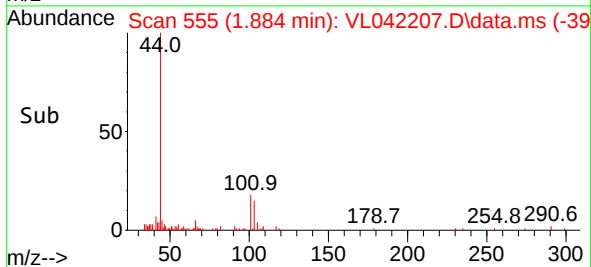
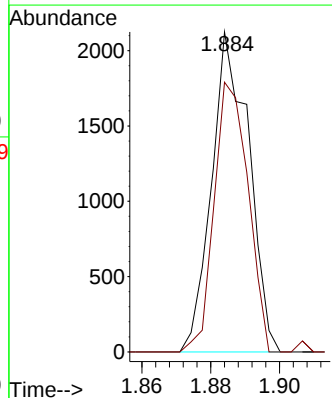
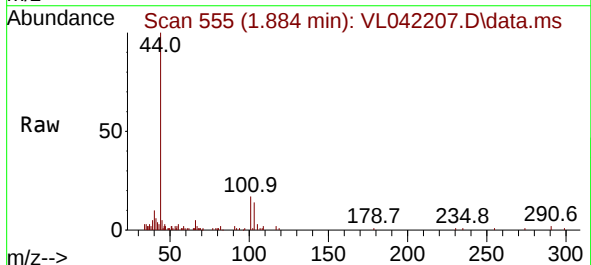
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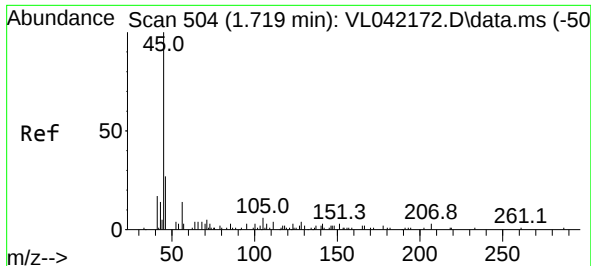
Tgt Ion:101 Resp: 1590

Ion Ratio Lower Upper

101 100

103 84.3 50.2 75.2#

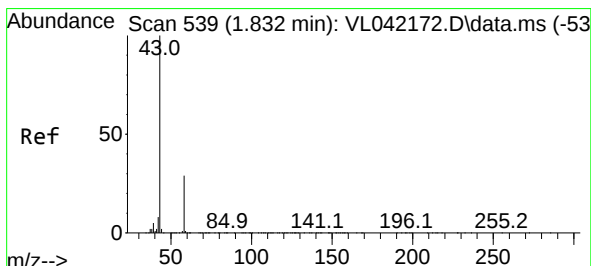
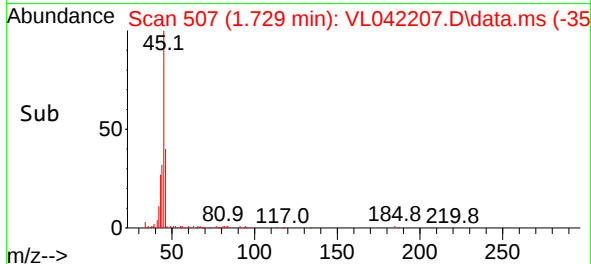
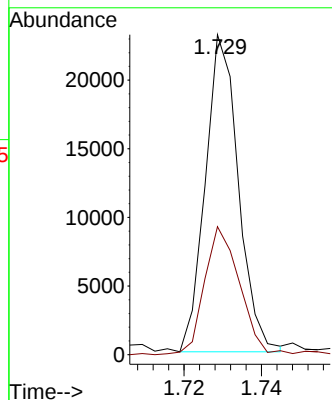
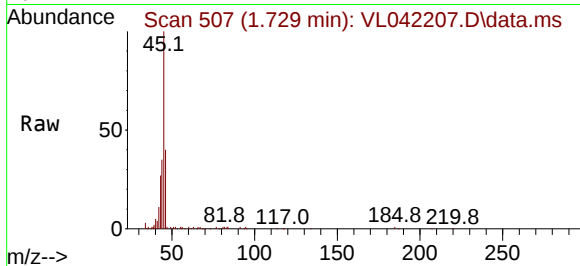




#13
Ethanol
Concen: 11.071 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

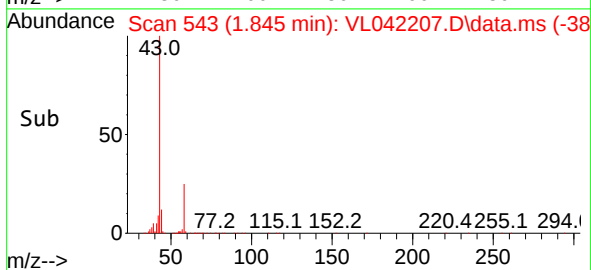
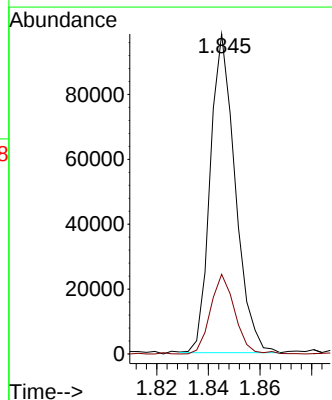
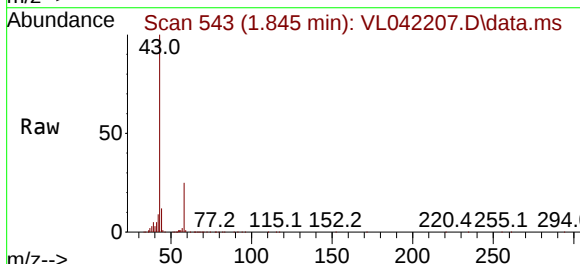
Instrument :
MSVOA_L
ClientSampleId :
SV1

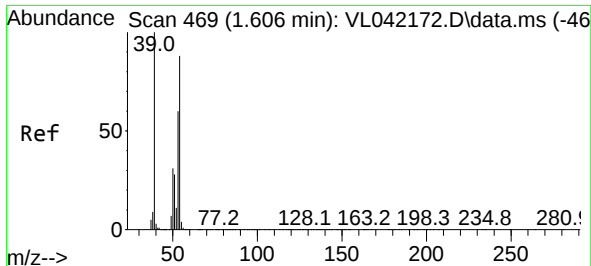
Tgt Ion: 45 Resp: 13674
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8#



#15
Acetone
Concen: 2.502 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 43 Resp: 66131
Ion Ratio Lower Upper
43 100
58 24.5 23.2 34.8





#16

1,3-Butadiene

Concen: 0.528 ppbv

RT: 1.606 min Scan# 40

Delta R.T. -0.000 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

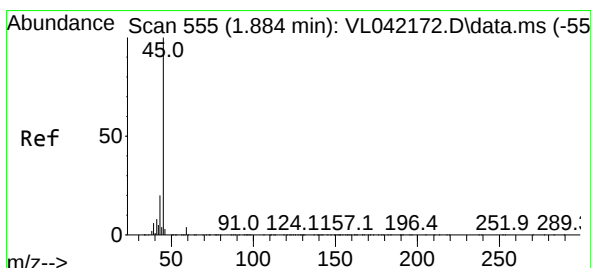
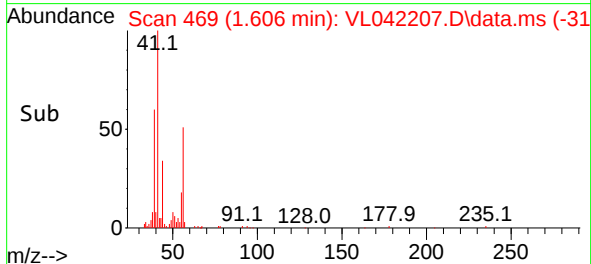
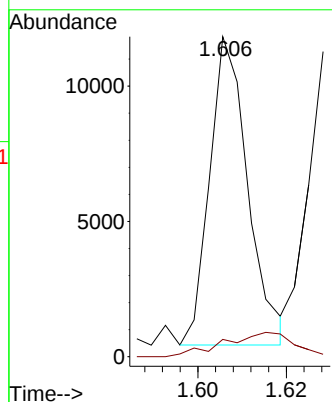
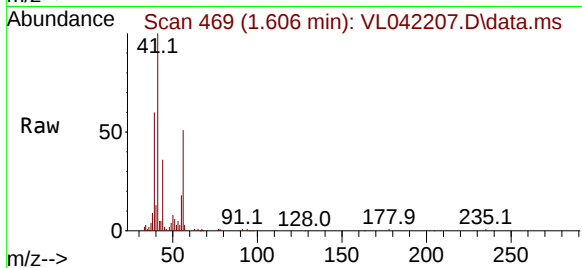
SV1

Tgt Ion: 39 Resp: 6816

Ion Ratio Lower Upper

39 100

54 16.3 60.7 91.1#



#19

Isopropyl Alcohol

Concen: 0.573 ppbv

RT: 1.897 min Scan# 559

Delta R.T. 0.013 min

Lab File: VL042207.D

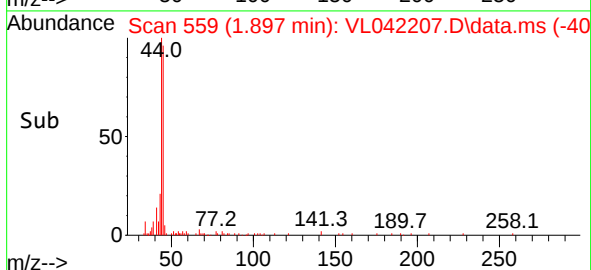
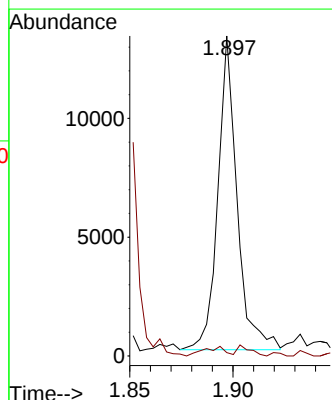
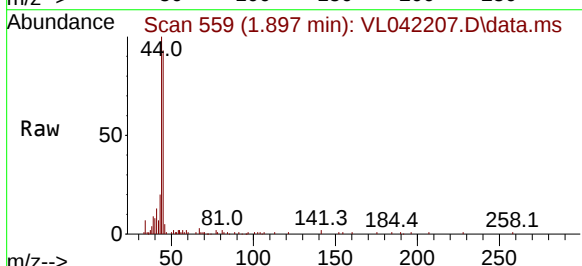
Acq: 31 Mar 2025 13:05

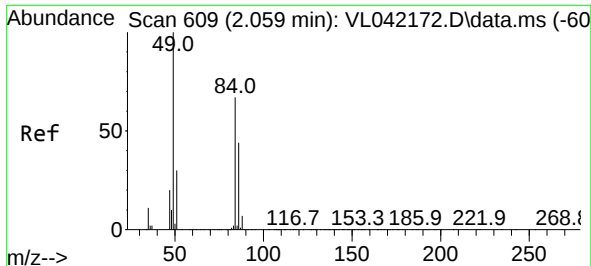
Tgt Ion: 45 Resp: 8547

Ion Ratio Lower Upper

45 100

58 186.1 36.9 55.3#





#20

Methylene Chloride

Concen: 0.400 ppbv

RT: 2.075 min Scan# 614

Delta R.T. 0.016 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion: 84 Resp: 3942

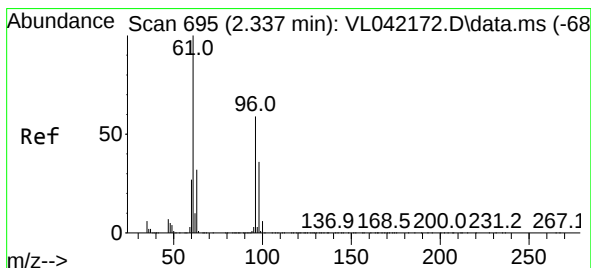
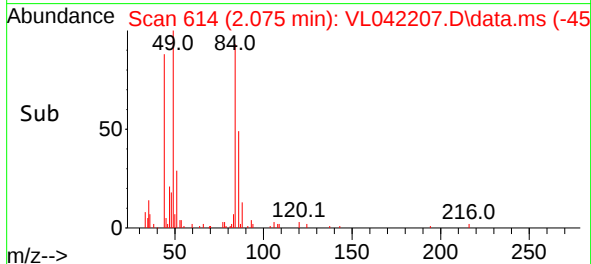
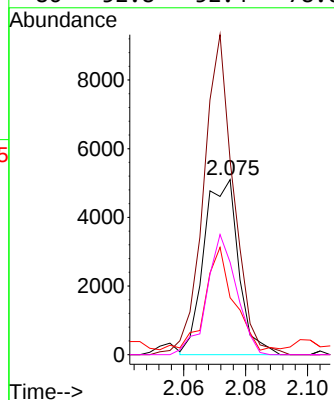
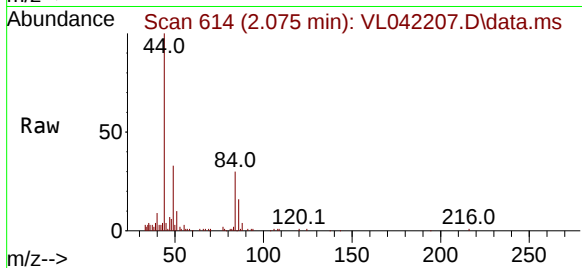
Ion Ratio Lower Upper

84 100

49 108.8 120.2 180.4#

51 29.1 37.4 56.0#

86 52.8 52.4 78.6



#22

trans-1,2-Dichloroethene

Concen: 0.030 ppbv

RT: 2.353 min Scan# 700

Delta R.T. 0.016 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

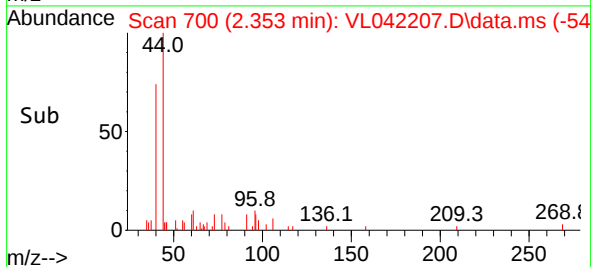
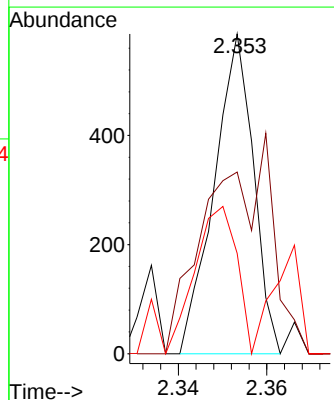
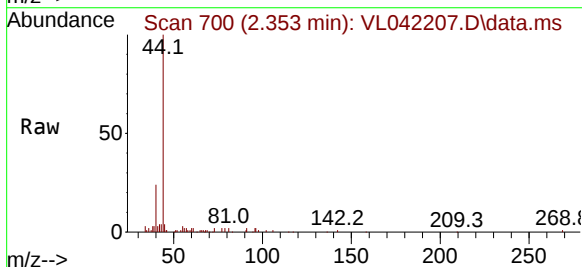
Tgt Ion: 96 Resp: 362

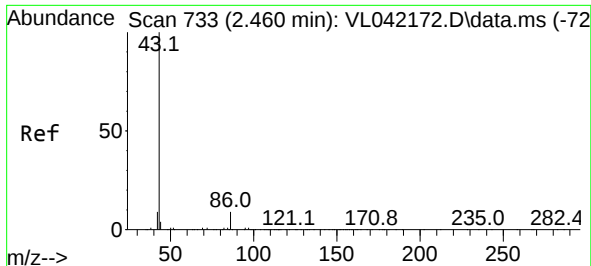
Ion Ratio Lower Upper

96 100

61 39.9 136.6 204.8#

98 20.1 49.4 74.2#

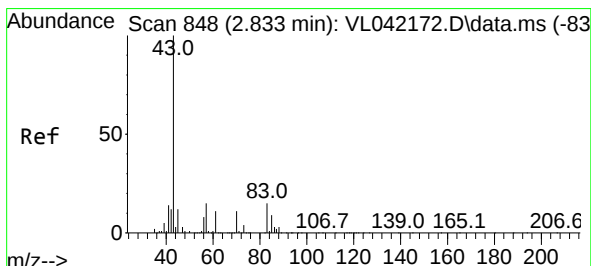
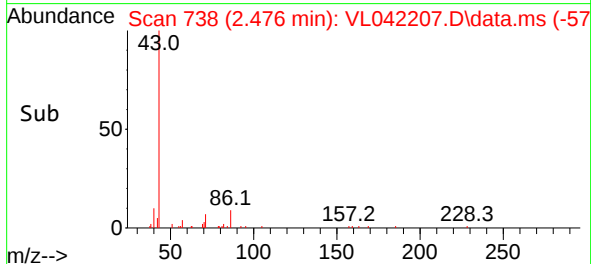
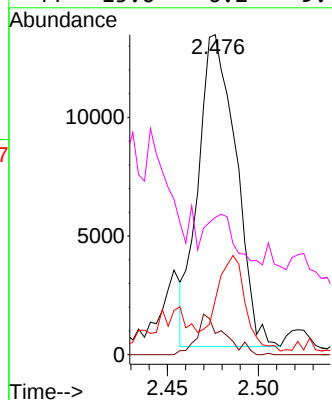
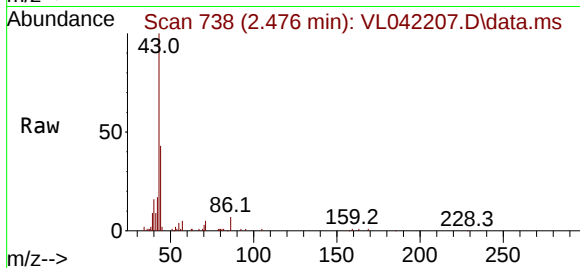




#23
Vinyl Acetate
Concen: 1.661 ppbv
RT: 2.476 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

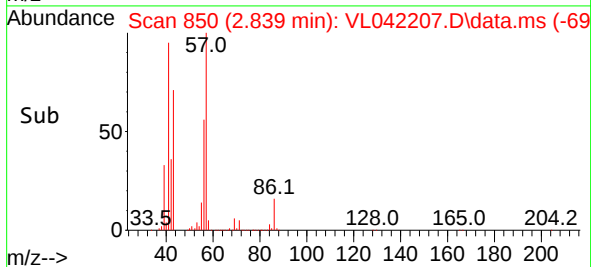
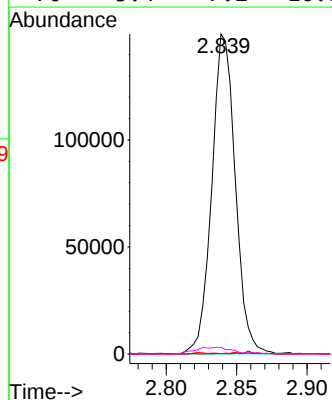
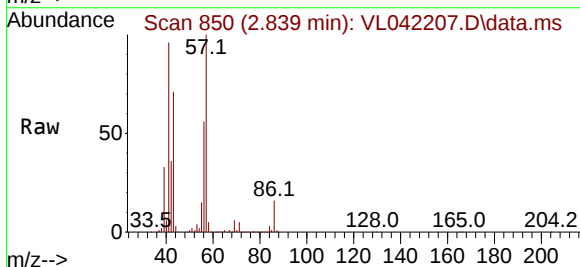
Instrument :
MSVOA_L
ClientSampleId :
SV1

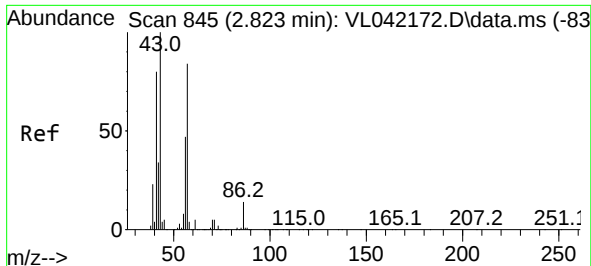
Tgt Ion:	43	Resp:	18997
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.5	8.3
42	16.4	8.6	13.0#
44	15.6	6.2	9.4#



#25
Ethyl Acetate
Concen: 2.536 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion:	43	Resp:	173944
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.4	7.3	10.9#
70	3.4	7.2	10.8#

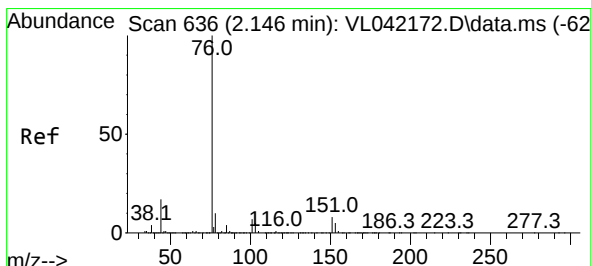
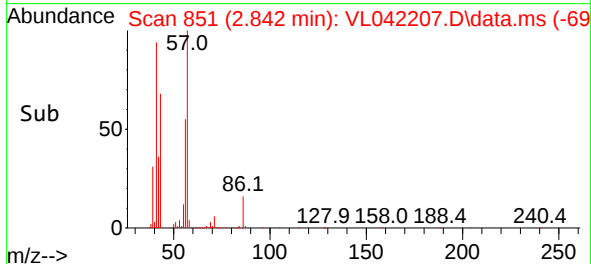
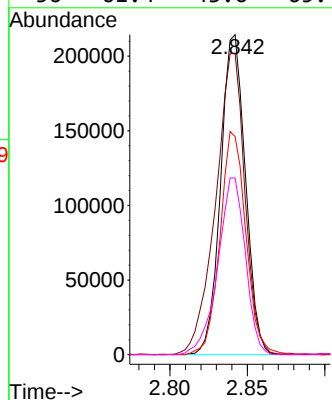
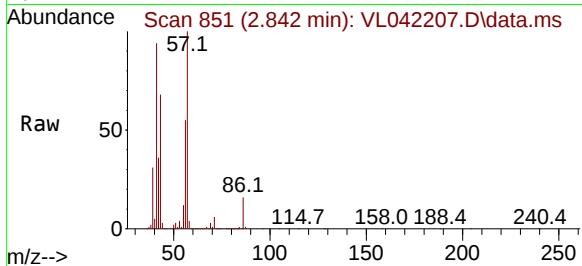




#26
Hexane
Concen: 9.004 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

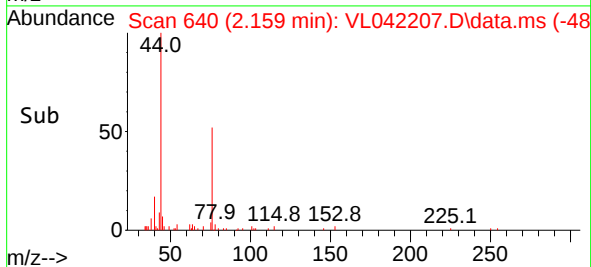
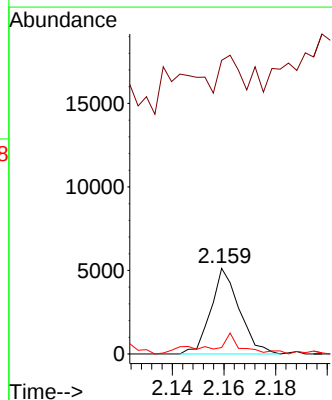
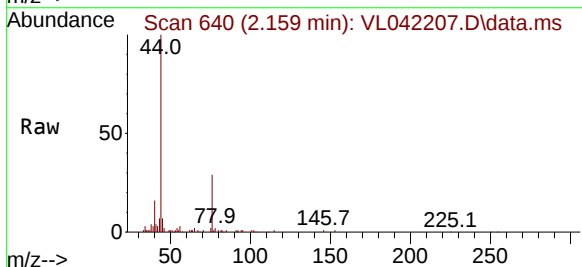
Instrument :
MSVOA_L
ClientSampleId :
SV1

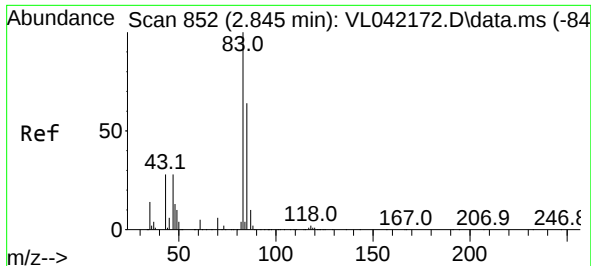
Tgt Ion: 57 Resp: 238592
Ion Ratio Lower Upper
57 100
41 111.2 76.6 114.8
43 73.3 207.8 311.8#
56 61.4 43.6 65.4



#27
Carbon Disulfide
Concen: 0.138 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.013 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 76 Resp: 3911
Ion Ratio Lower Upper
76 100
44 0.0 14.7 22.1#
78 28.2 9.3 13.9#





#29

Chloroform

Concen: 0.033 ppbv

RT: 2.865 min Scan# 81

Delta R.T. 0.019 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

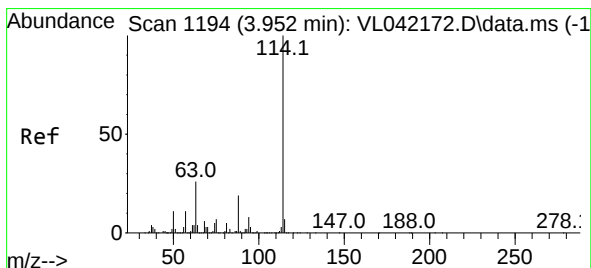
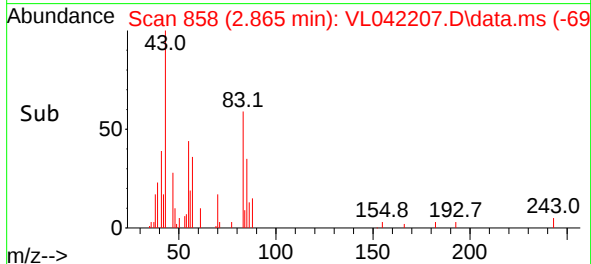
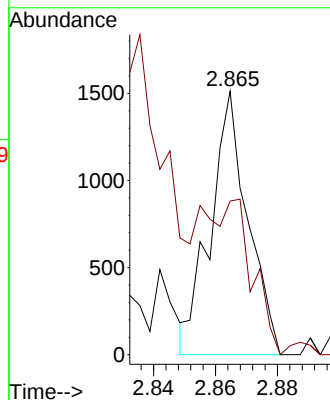
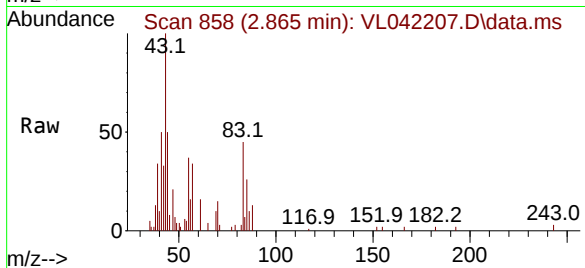
SV1

Tgt Ion: 83 Resp: 1264

Ion Ratio Lower Upper

83 100

85 58.3 51.4 77.2



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 1203

Delta R.T. 0.029 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

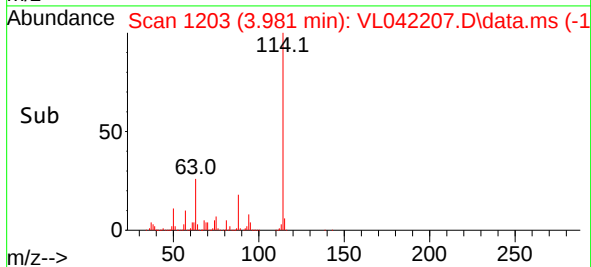
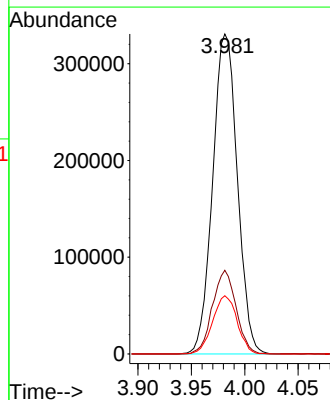
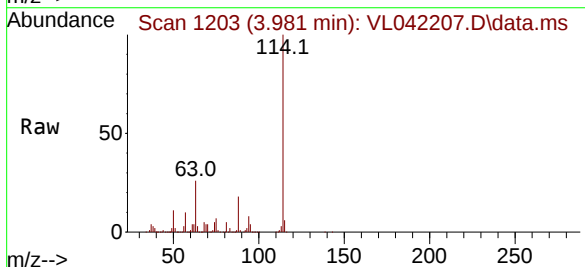
Tgt Ion: 114 Resp: 532030

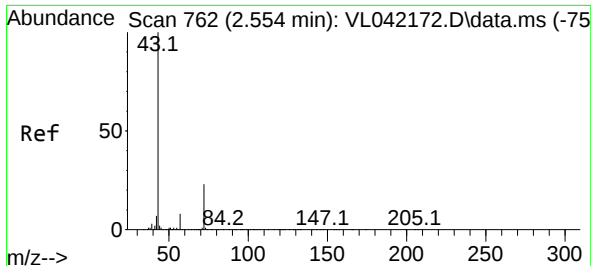
Ion Ratio Lower Upper

114 100

63 25.1 20.7 31.1

88 18.1 15.0 22.4

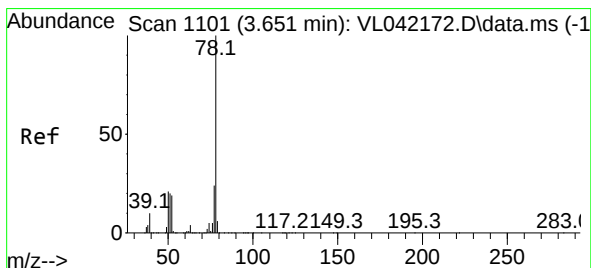
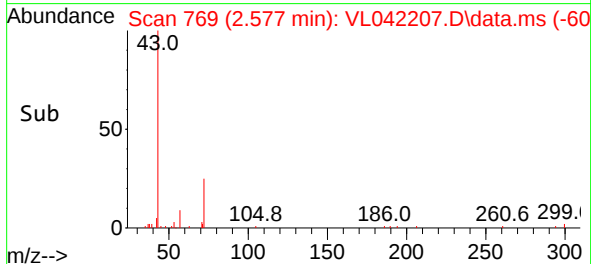
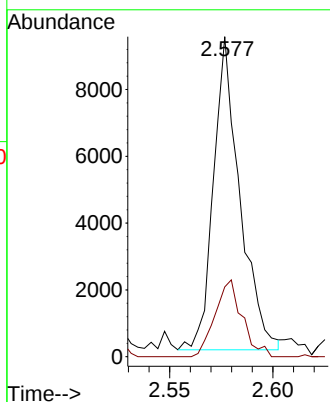
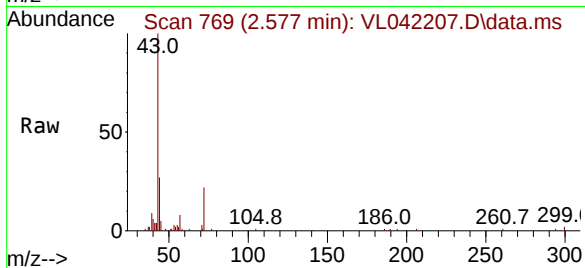




#34
2-Butanone
Concen: 0.216 ppbv
RT: 2.577 min Scan# 710
Delta R.T. 0.022 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

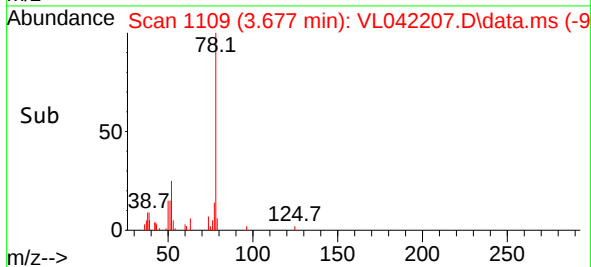
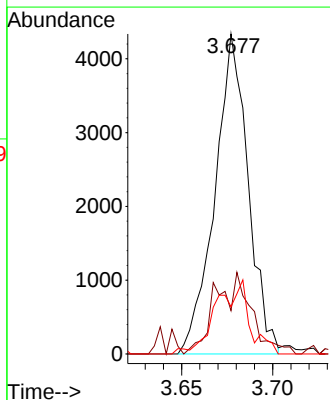
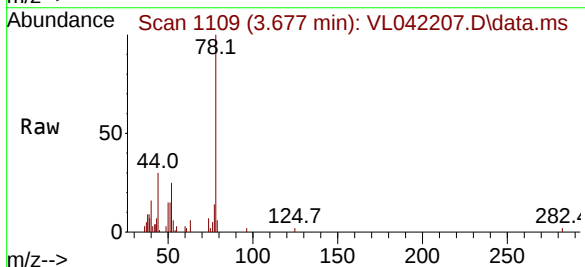
Instrument :
MSVOA_L
ClientSampleId :
SV1

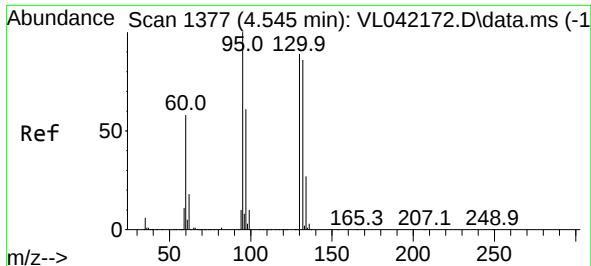
Tgt Ion: 43 Resp: 8334
Ion Ratio Lower Upper
43 100
72 25.1 18.2 27.2



#36
Benzene
Concen: 0.105 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.026 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 78 Resp: 5514
Ion Ratio Lower Upper
78 100
77 11.1 19.1 28.7#
50 13.2 16.6 24.8#

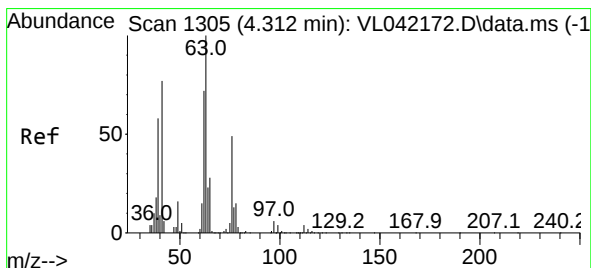
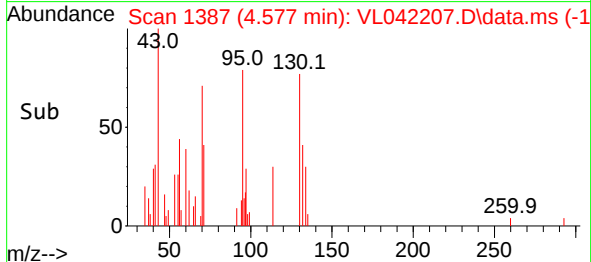
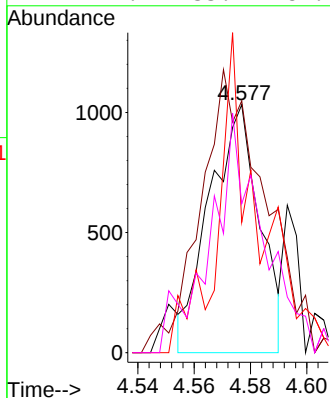
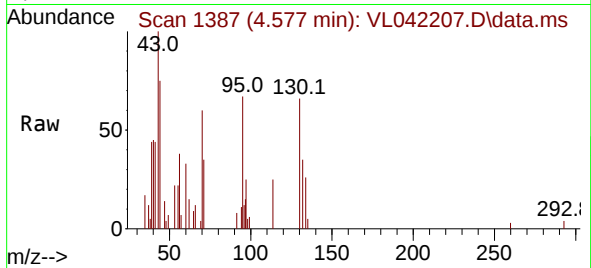




#38
 Trichloroethene
 Concen: 0.058 ppbv
 RT: 4.577 min Scan# 11
 Delta R.T. 0.032 min
 Lab File: VL042207.D
 Acq: 31 Mar 2025 13:05

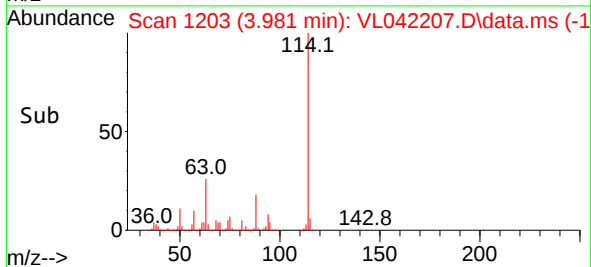
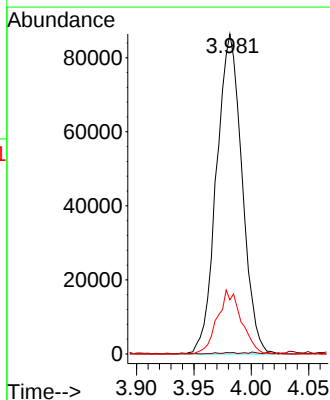
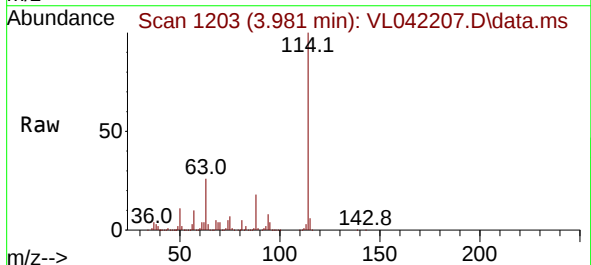
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

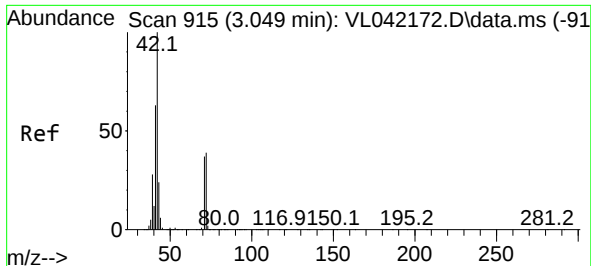
Tgt Ion:130	Resp:	1269
Ion	Ratio	Lower Upper
130	100	
95	100.2	89.8 134.8
132	34.9	77.4 116.2#
97	47.9	55.1 82.7#



#39
 1,2-Dichloropropane
 Concen: 6.954 ppbv
 RT: 3.981 min Scan# 1203
 Delta R.T. -0.330 min
 Lab File: VL042207.D
 Acq: 31 Mar 2025 13:05

Tgt Ion: 63	Resp:	133577
Ion	Ratio	Lower Upper
63	100	
41	0.3	61.7 92.5#
62	16.9	57.6 86.4#

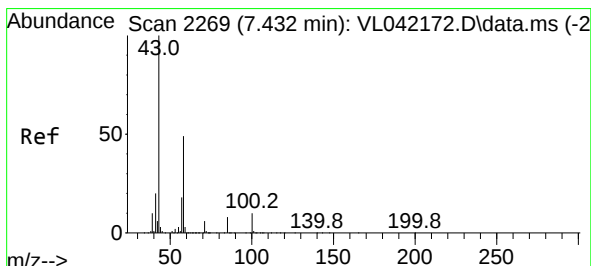
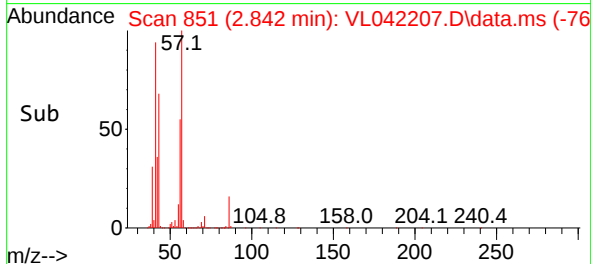
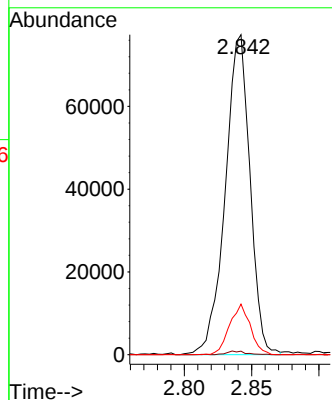
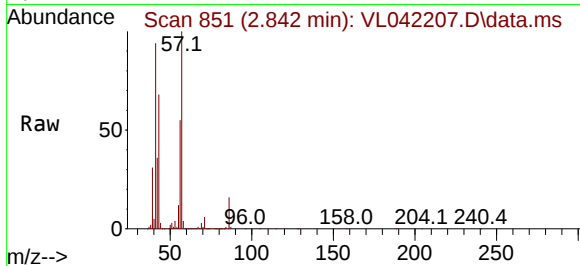




#41
Tetrahydrofuran
Concen: 4.451 ppbv
RT: 2.842 min Scan# 81
Delta R.T. -0.207 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

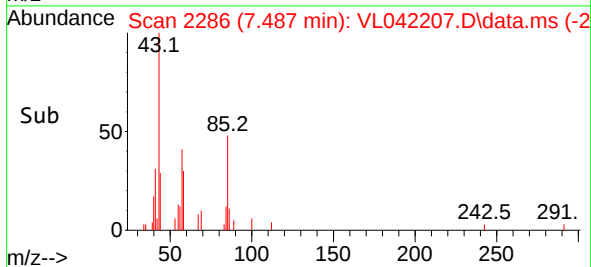
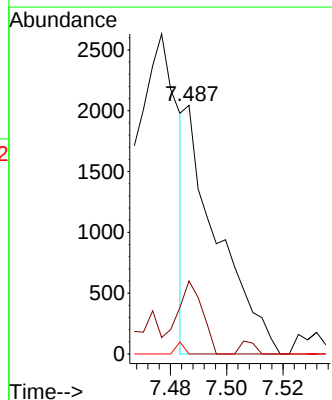
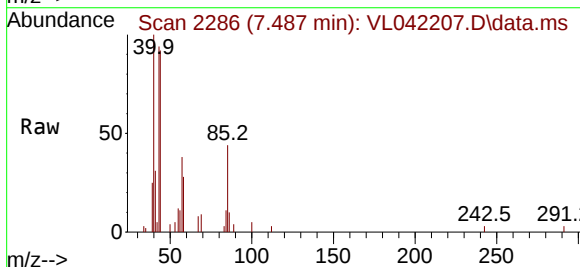
Instrument :
MSVOA_L
ClientSampleId :
SV1

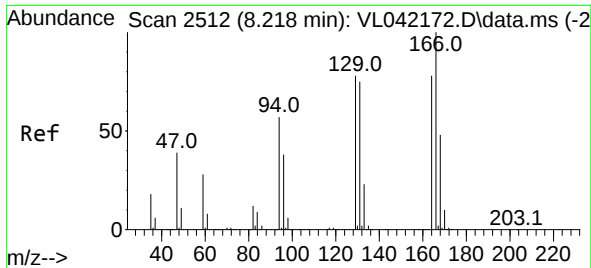
Tgt Ion: 42 Resp: 98878
Ion Ratio Lower Upper
42 100
72 0.9 31.4 47.0#
71 13.3 30.2 45.4#



#51
2-Hexanone
Concen: 0.032 ppbv
RT: 7.487 min Scan# 2286
Delta R.T. 0.055 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
58 37.3 39.7 59.5#
98 0.0 0.1 0.1#

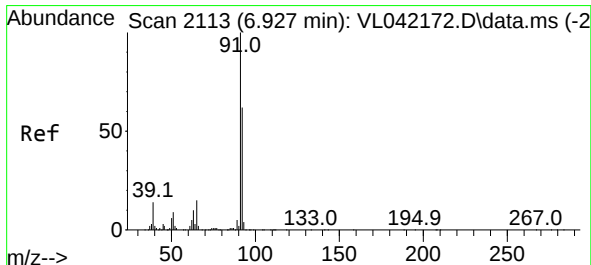
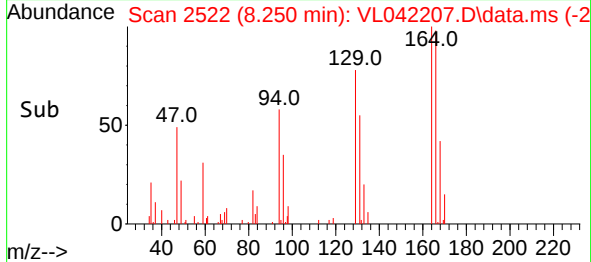
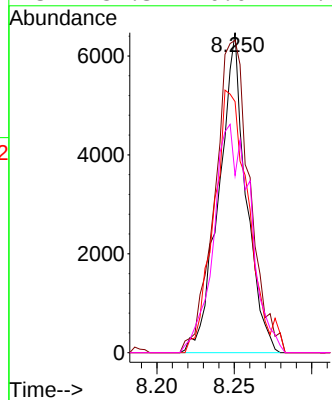
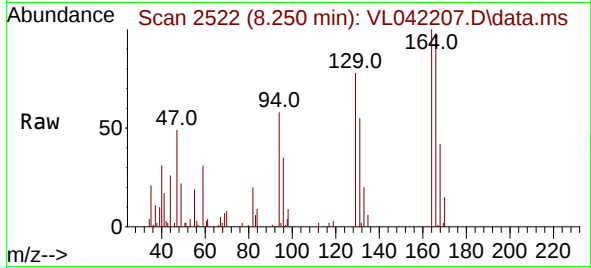




#52
Tetrachloroethene
Concen: 0.377 ppbv
RT: 8.250 min Scan# 2125
Delta R.T. 0.032 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

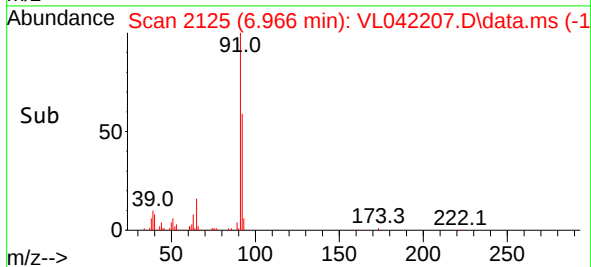
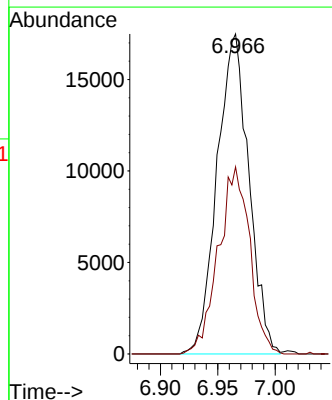
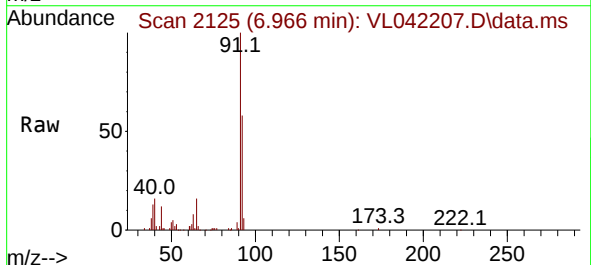
Instrument :
MSVOA_L
ClientSampleId :
SV1

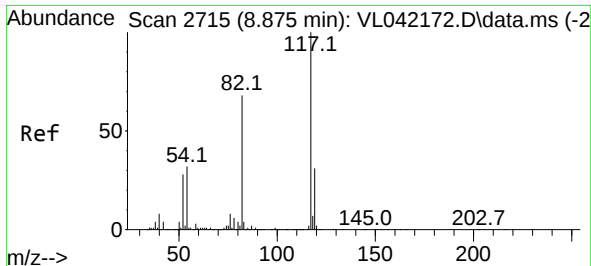
Tgt Ion:164 Resp: 7895
Ion Ratio Lower Upper
164 100
166 97.6 102.5 153.7#
129 78.5 79.8 119.8#
131 57.3 76.6 114.8#



#53
Toluene
Concen: 0.539 ppbv
RT: 6.966 min Scan# 2125
Delta R.T. 0.039 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 91 Resp: 33676
Ion Ratio Lower Upper
91 100
92 57.3 48.4 72.6

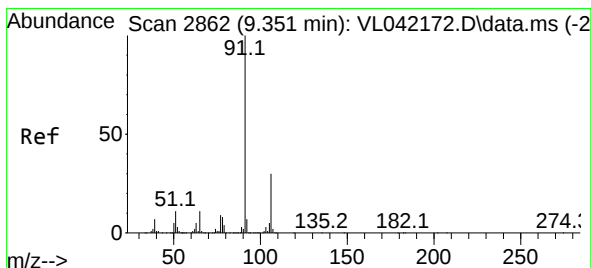
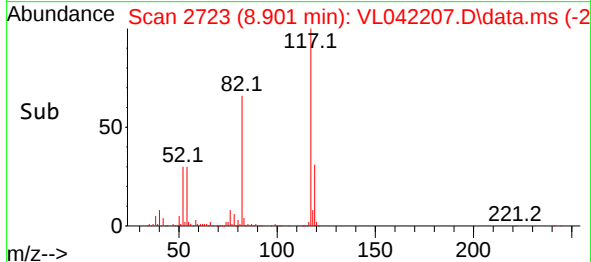
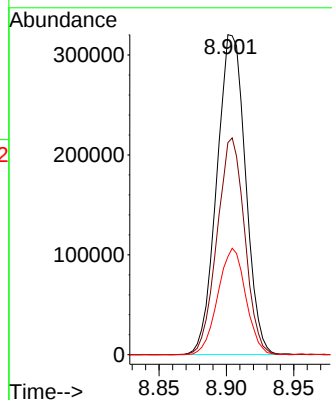
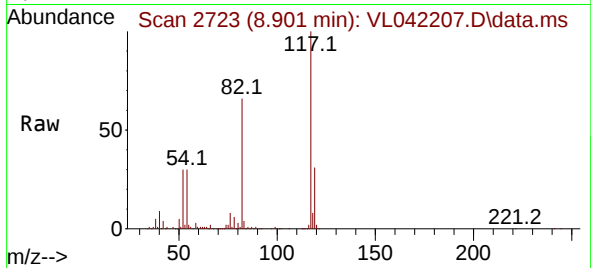




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

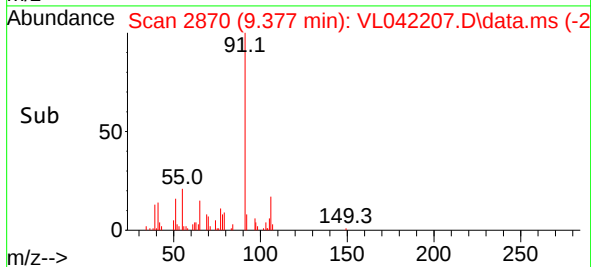
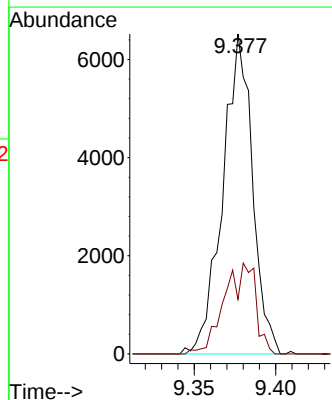
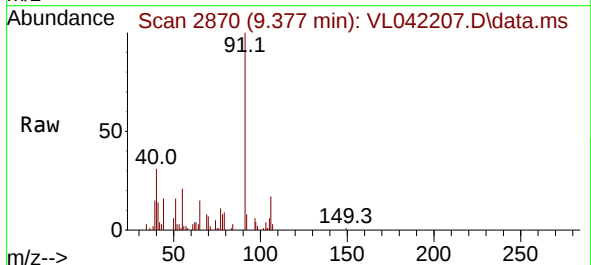
Instrument :
MSVOA_L
ClientSampleId :
SV1

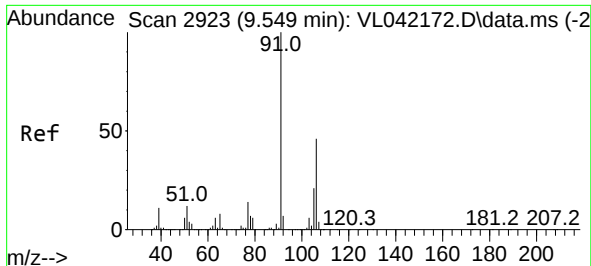
Tgt Ion:117 Resp: 474470
Ion Ratio Lower Upper
117 100
82 65.3 55.8 83.6
119 32.5 25.5 38.3



#58
Ethyl Benzene
Concen: 0.098 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.026 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 91 Resp: 8276
Ion Ratio Lower Upper
91 100
106 17.1 24.2 36.2#





#59

m/p-Xylene

Concen: 0.082 ppbv

RT: 9.574 min Scan# 29

Delta R.T. 0.026 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

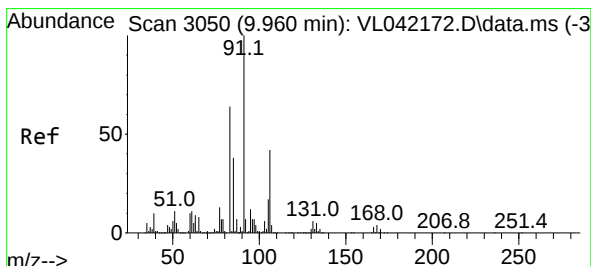
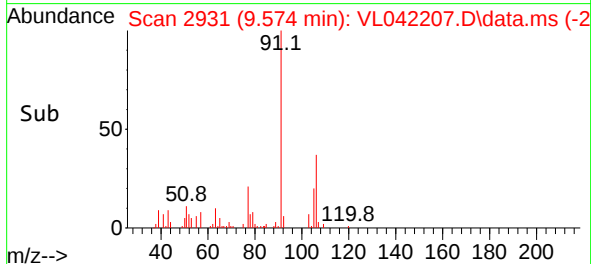
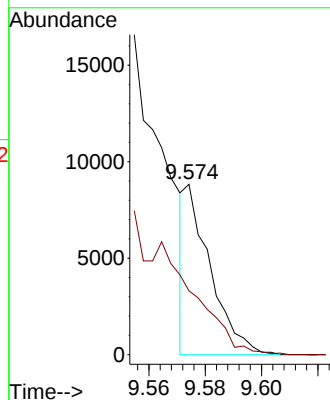
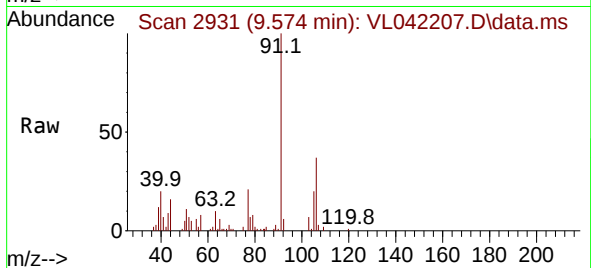
SV1

Tgt Ion: 91 Resp: 5514

Ion Ratio Lower Upper

91 100

106 0.0 36.4 54.6#



#60

o-Xylene

Concen: 0.180 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.026 min

Lab File: VL042207.D

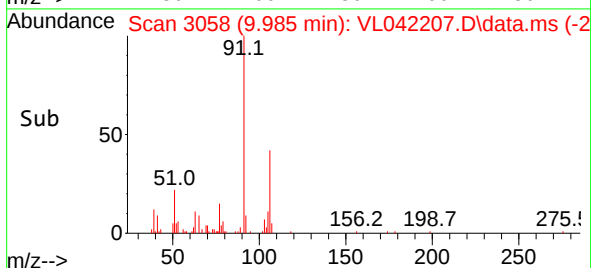
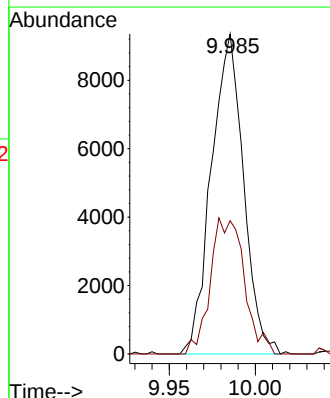
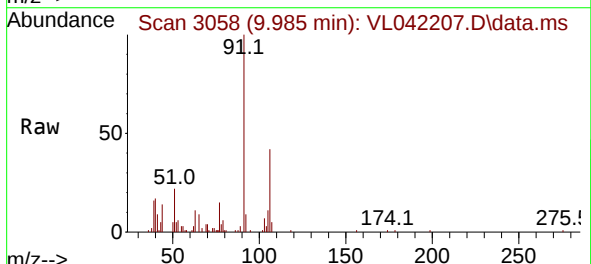
Acq: 31 Mar 2025 13:05

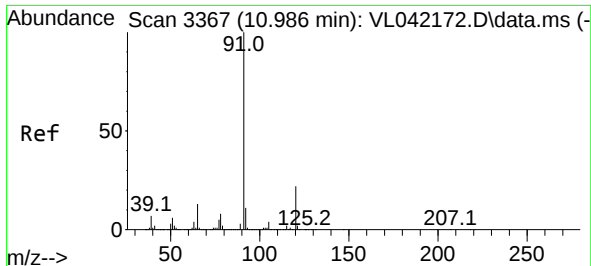
Tgt Ion: 91 Resp: 12139

Ion Ratio Lower Upper

91 100

106 44.8 20.8 62.5

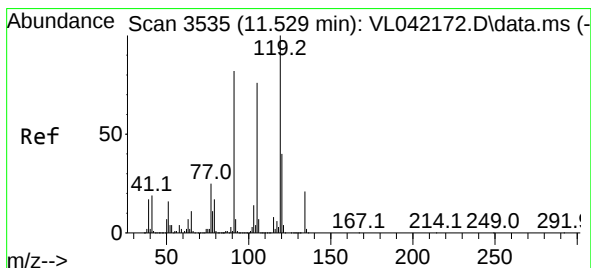
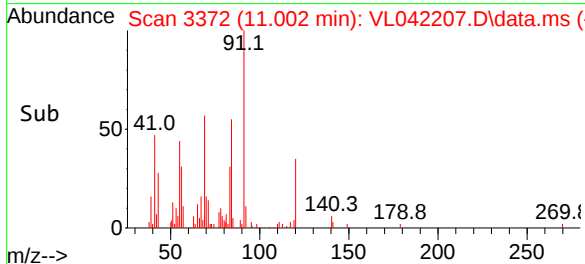
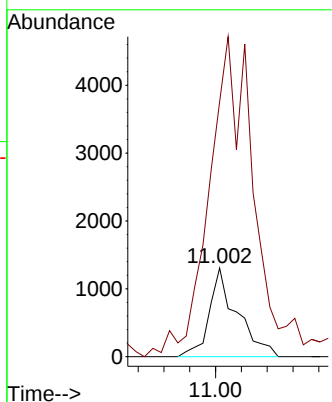
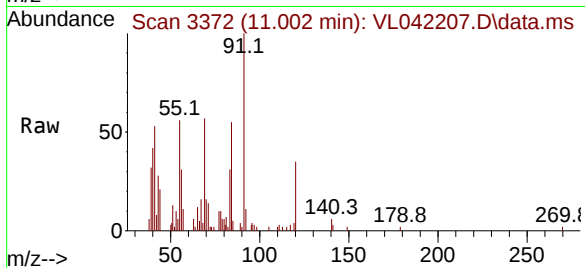




#64
n-propylbenzene
Concen: 0.038 ppbv
RT: 11.002 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

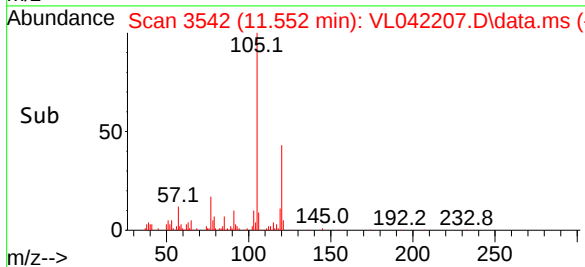
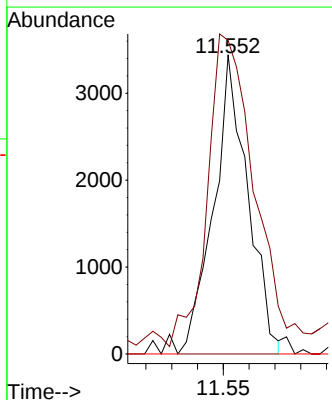
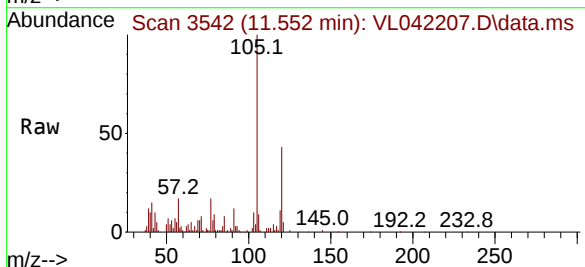
Instrument :
MSVOA_L
ClientSampleId :
SV1

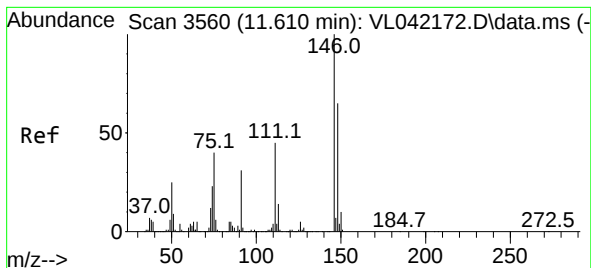
Tgt Ion:120 Resp: 979
Ion Ratio Lower Upper
120 100
91 561.5 376.9 565.3



#65
tert-Butylbenzene
Concen: 0.034 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. 0.022 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion:119 Resp: 3170
Ion Ratio Lower Upper
119 100
91 167.3 66.0 99.0#
134 0.0 16.7 25.1#





#66

Benzyl Chloride

Concen: 0.400 ppbv

RT: 11.549 min Scan# 31

Delta R.T. -0.062 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

SV1

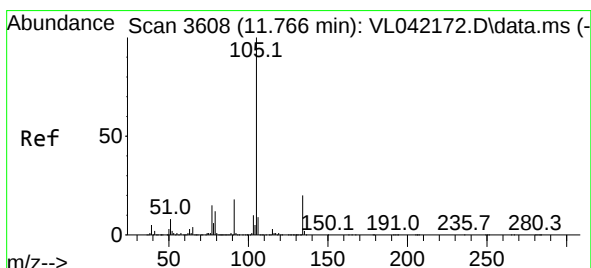
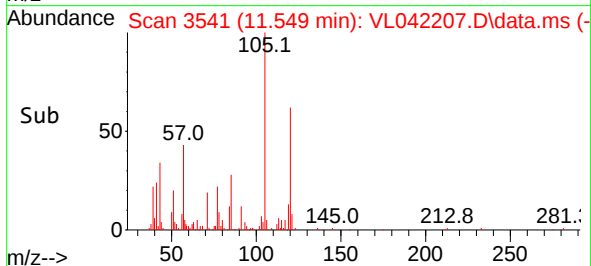
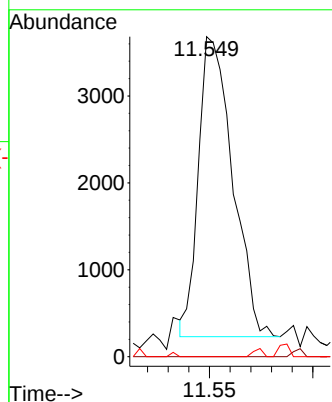
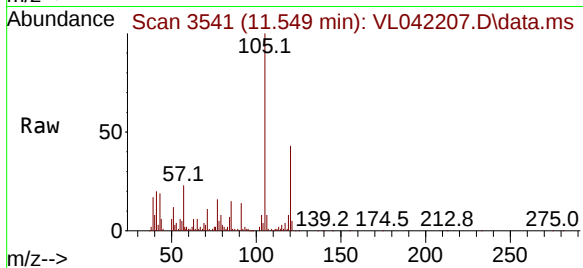
Tgt Ion: 91 Resp: 3963

Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 2.1 4.5 6.7#



#67

sec-Butylbenzene

Concen: 0.057 ppbv

RT: 12.057 min Scan# 3698

Delta R.T. 0.291 min

Lab File: VL042207.D

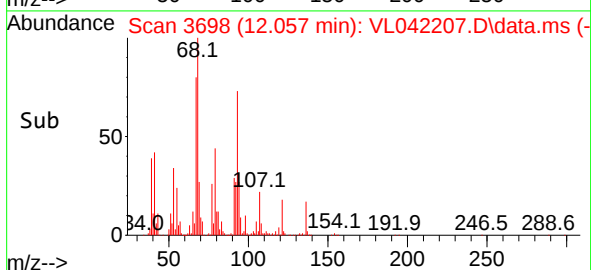
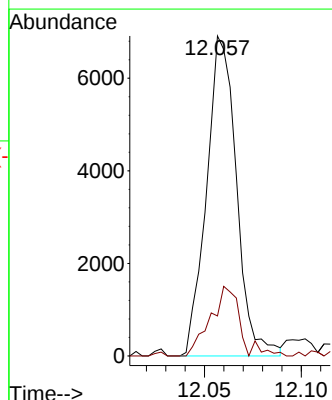
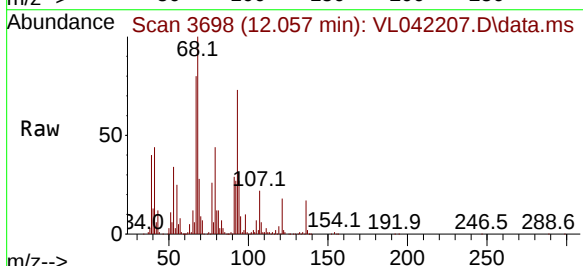
Acq: 31 Mar 2025 13:05

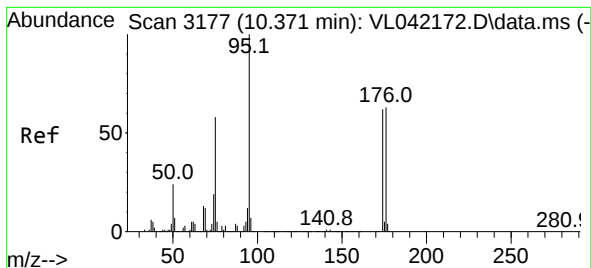
Tgt Ion: 105 Resp: 7432

Ion Ratio Lower Upper

105 100

134 21.9 15.5 23.3

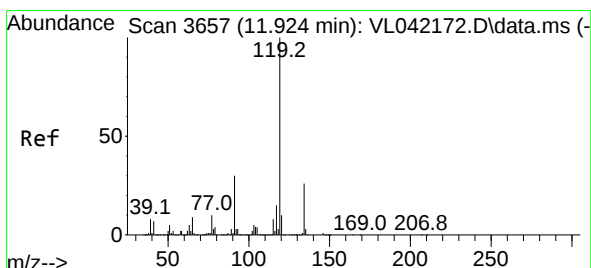
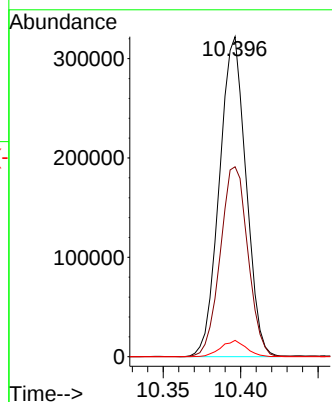
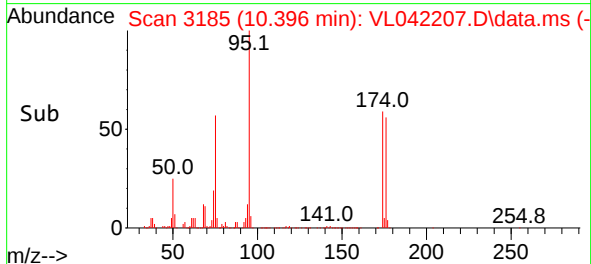
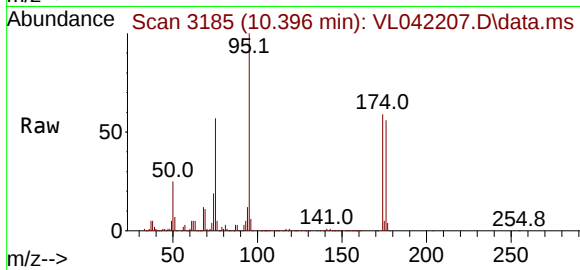




#68
1-Bromo-4-Fluorobenzene
Concen: 9.872 ppbv
RT: 10.396 min Scan# 3177
Delta R.T. 0.026 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

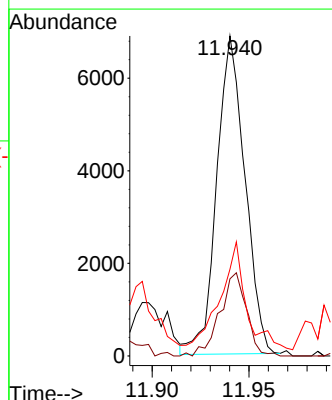
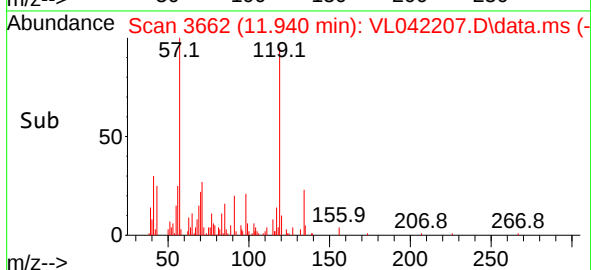
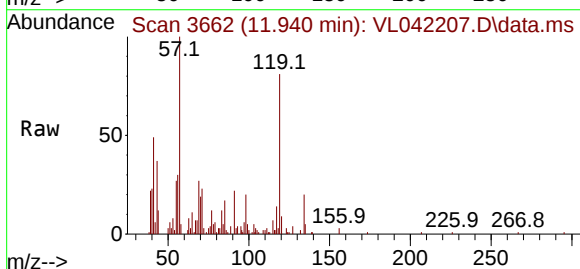
Instrument :
MSVOA_L
ClientSampleId :
SV1

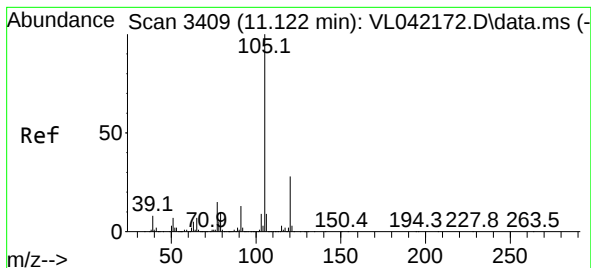
Tgt Ion: 95 Resp: 384646
Ion Ratio Lower Upper
95 100
174 61.7 50.6 76.0
175 4.9 3.8 5.6



#69
p-Isopropyltoluene
Concen: 0.062 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.016 min
Lab File: VL042207.D
Acq: 31 Mar 2025 13:05

Tgt Ion: 119 Resp: 6972
Ion Ratio Lower Upper
119 100
134 24.7 20.4 30.6
91 31.9 23.7 35.5





#72

4-Ethyltoluene

Concen: 0.085 ppbv

RT: 11.144 min Scan# 3416

Delta R.T. 0.022 min

Lab File: VL042207.D

Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion:105 Resp: 7117

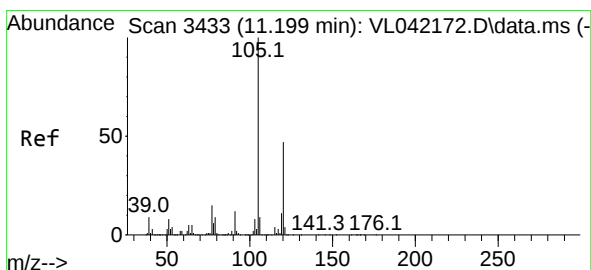
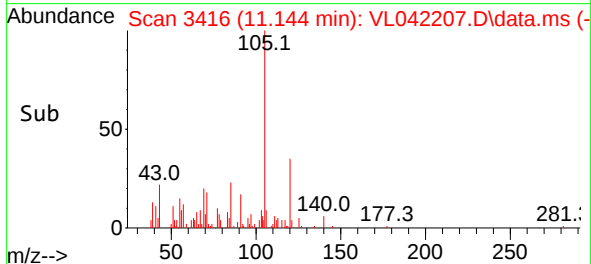
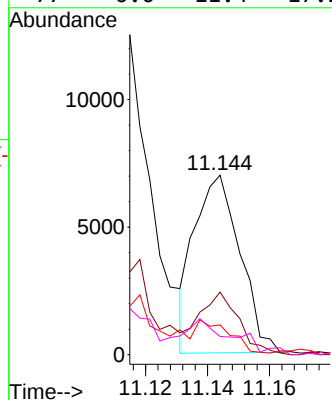
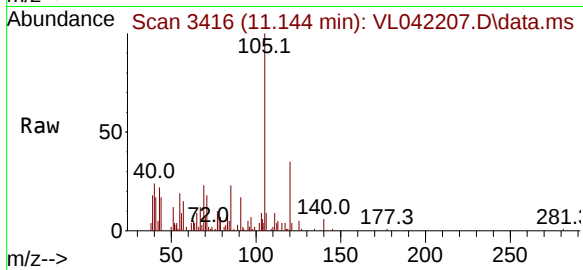
Ion Ratio Lower Upper

105 100

120 0.0 23.4 35.0#

91 0.0 10.3 15.5#

77 0.0 11.4 17.2#



#73

1,3,5-Trimethylbenzene

Concen: 0.093 ppbv

RT: 11.222 min Scan# 3440

Delta R.T. 0.022 min

Lab File: VL042207.D

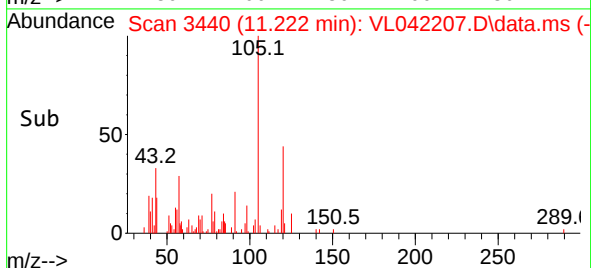
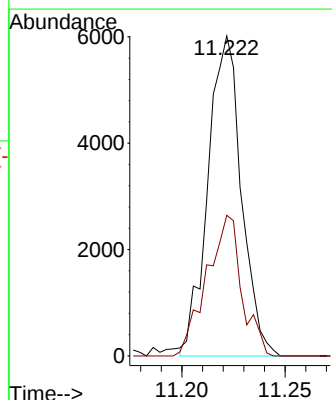
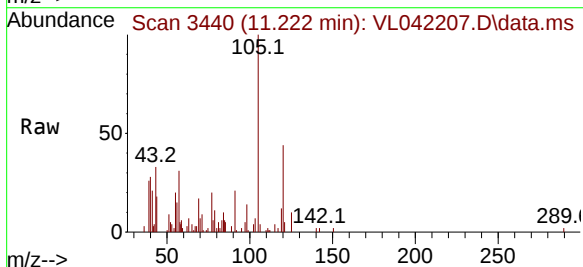
Acq: 31 Mar 2025 13:05

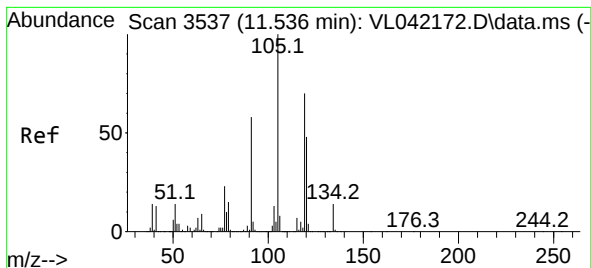
Tgt Ion:105 Resp: 6787

Ion Ratio Lower Upper

105 100

120 44.0 37.4 56.0





#74

1,2,4-Trimethylbenzene

Concen: 0.380 ppbv

RT: 11.552 min Scan# 3

Delta R.T. 0.016 min

Lab File: VL042207.D

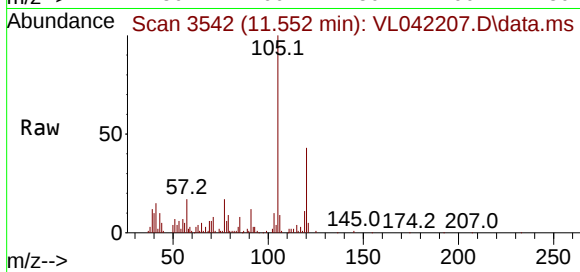
Acq: 31 Mar 2025 13:05

Instrument :

MSVOA_L

ClientSampleId :

SV1



Tgt Ion:105 Resp: 32137

Ion Ratio Lower Upper

105 100

120 42.9 38.6 58.0

91 11.7 46.2 69.2#

77 14.9 18.6 27.8#

