

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042560.D
 Acq On : 21 May 2025 11:27
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Quant Time: May 21 23:02:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	111905	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	349175	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	300601	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	235594	9.793	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	696	0.033	ppbv	95
3) Chlorodifluoromethane	1.477	51	617	0.036	ppbv #	87
4) Chloromethane	1.535	50	416	0.062	ppbv	97
5) Vinyl Chloride	1.583	62	209	0.028	ppbv #	63
6) Bromomethane	1.671	94	230	0.054	ppbv	85
7) Chloroethane	1.706	64	138	0.046	ppbv #	83
8) Dichlorotetrafluoroethane	1.557	85	642	0.036	ppbv	93
9) Propene	1.486	41	256	0.043	ppbv	95
10) Heptane	4.988	43	137	0.009	ppbv #	49
11) Trichlorofluoromethane	1.881	101	749	0.034	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.143	101	638	0.036	ppbv	85
13) Ethanol	1.894	45	602	0.693	ppbv #	37
14) Bromoethene	1.787	108	274	0.041	ppbv #	70
15) Acetone	1.839	43	1852	0.119	ppbv	96
16) 1,3-Butadiene	1.612	39	428	0.068	ppbv #	5
17) tert-Butyl alcohol	2.053	59	694	0.039	ppbv #	93
18) 1,1-Dichloroethene	2.033	96	188	0.024	ppbv	85
19) Isopropyl Alcohol	1.894	45	602	0.068	ppbv #	13
20) Methylene Chloride	2.066	84	1575	0.209	ppbv #	92
21) Allyl Chloride	2.101	41	469	0.047	ppbv #	41
22) trans-1,2-Dichloroethene	2.033	96	188	0.021	ppbv	93
23) Vinyl Acetate	2.467	43	911	0.051	ppbv #	1
24) 1,1-Dichloroethane	2.418	63	596	0.039	ppbv #	86
25) Ethyl Acetate	2.846	43	230	0.008	ppbv #	74
26) Hexane	2.829	57	252	0.018	ppbv #	1
27) Carbon Disulfide	2.156	76	609	0.031	ppbv #	1
28) Methyl tert-Butyl Ether	2.448	73	435	0.047	ppbv	99
29) Chloroform	2.855	83	936	0.036	ppbv	97
30) Cyclohexane	3.872	84	175	0.015	ppbv #	22
31) cis-1,2-Dichloroethene	2.729	61	351	0.023	ppbv #	85
32) 1,1,1-Trichloroethane	3.376	97	935	0.035	ppbv #	88
34) 2-Butanone	2.554	43	43	0.002	ppbv #	49
35) Carbon Tetrachloride	3.768	117	347	0.013	ppbv #	92
36) Benzene	3.668	78	346	0.012	ppbv #	72
37) 1,2-Dichloroethane	3.224	62	591	0.034	ppbv #	80
38) Trichloroethene	4.558	130	210	0.016	ppbv #	37
39) 1,2-Dichloropropane	3.969	63	82296	8.298	ppbv #	25
40) 1,4-Dioxane	4.642	88	31	0.007	ppbv #	1
41) Tetrahydrofuran	3.072	42	94	0.010	ppbv #	33
42) Bromodichloromethane	4.503	83	616	0.025	ppbv #	56
43) Methyl Methacrylate	4.898	69	79	0.008	ppbv #	1
44) 2,2,4-Trimethylpentane	4.655	57	359	0.008	ppbv #	1
45) t-1,3-Dichloropropene	6.429	75	97	0.008	ppbv #	59

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042560.D
 Acq On : 21 May 2025 11:27
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

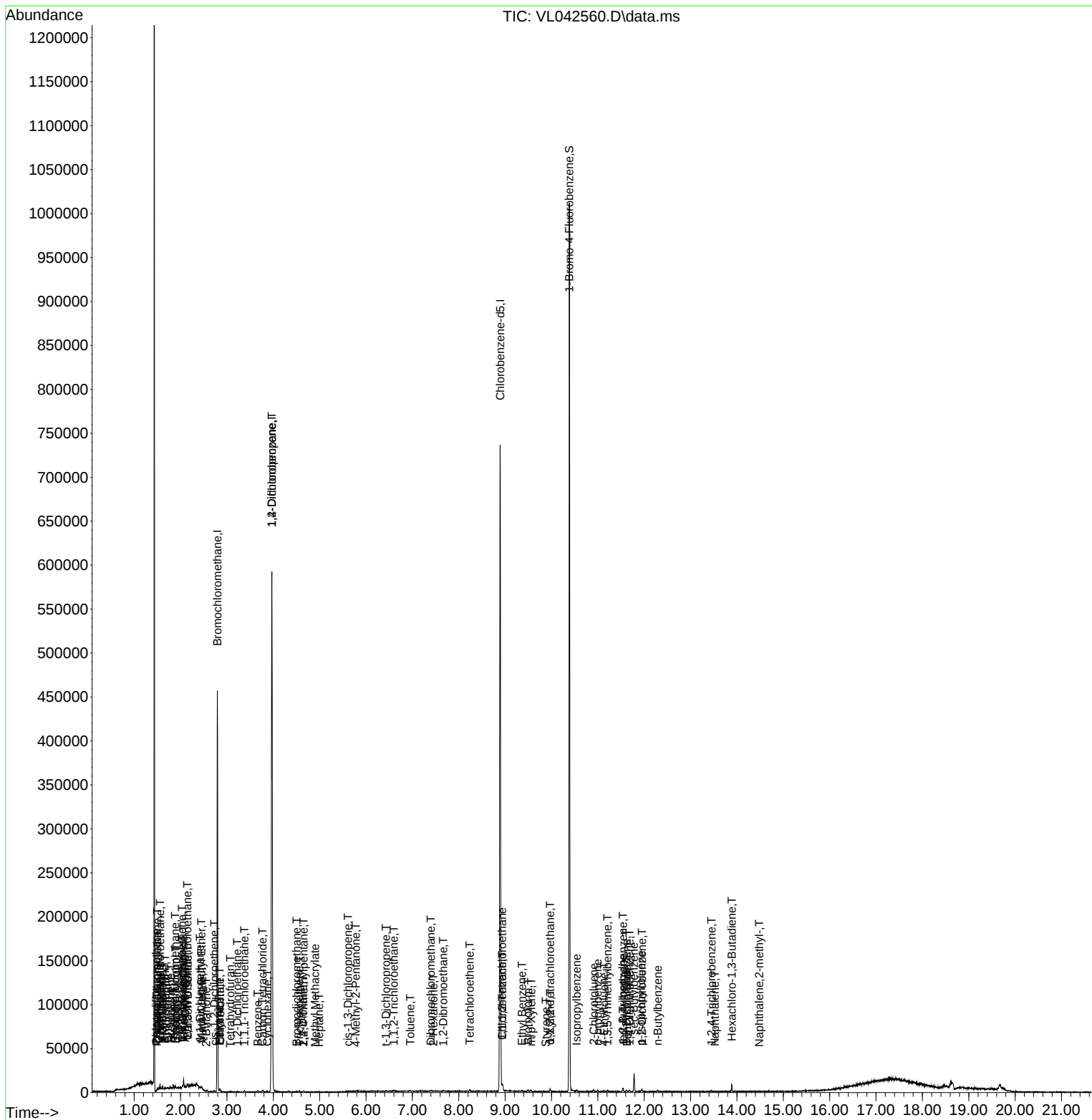
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

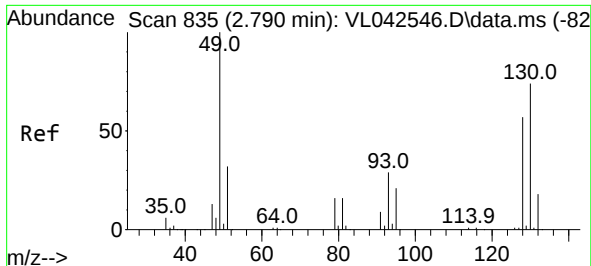
Quant Time: May 21 23:02:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.610	75	131	0.009	ppbv	#	73
47) 1,1,2-Trichloroethane	6.600	97	135	0.011	ppbv	#	75
48) Dibromochloromethane	7.396	129	266	0.013	ppbv	#	10
49) Bromoform	9.494	173	642	0.037	ppbv	#	88
50) 4-Methyl-2-Pentanone	5.778	43	62	0.003	ppbv	#	37
51) 2-Hexanone	7.455	43	79	0.005	ppbv	#	27
52) Tetrachloroethene	8.238	164	228	0.021	ppbv	#	16
53) Toluene	6.953	91	345	0.011	ppbv	#	21
54) 1,2-Dibromoethane	7.665	107	157	0.009	ppbv	#	75
56) 1,1,1,2-Tetrachloroethane	8.934	131	585	0.037	ppbv	#	1
57) Chlorobenzene	8.934	112	522	0.019	ppbv	#	73
58) Ethyl Benzene	9.361	91	637	0.016	ppbv	#	87
59) m/p-Xylene	9.562	91	480	0.014	ppbv	#	30
60) o-Xylene	9.973	91	402	0.012	ppbv	#	75
61) Styrene	9.876	104	63	0.005	ppbv	#	50
62) Isopropylbenzene	10.542	105	704	0.014	ppbv	#	81
63) 1,1,2,2-Tetrachloroethane	9.969	83	363	0.016	ppbv	#	26
64) n-propylbenzene	10.995	120	150	0.012	ppbv	#	29
65) tert-Butylbenzene	11.539	119	670	0.015	ppbv	#	89
66) Benzyl Chloride	11.630	91	32	0.006	ppbv	#	65
67) sec-Butylbenzene	11.776	105	1024	0.016	ppbv	#	66
69) p-Isopropyltoluene	11.931	119	755	0.014	ppbv	#	84
70) n-Butylbenzene	12.290	91	674	0.013	ppbv	#	89
71) 2-Chlorotoluene	10.911	91	787	0.021	ppbv	#	94
72) 4-Ethyltoluene	11.135	105	318	0.008	ppbv	#	67
73) 1,3,5-Trimethylbenzene	11.209	105	676	0.019	ppbv	#	86
74) 1,2,4-Trimethylbenzene	11.542	105	925	0.022	ppbv	#	89
75) 1,3-Dichlorobenzene	11.614	146	486	0.018	ppbv	#	93
76) 1,4-Dichlorobenzene	11.685	146	232	0.009	ppbv	#	48
77) 1,2-Dichlorobenzene	11.954	146	493	0.019	ppbv	#	94
78) Hexachloro-1,3-Butadiene	13.889	225	840	0.039	ppbv	#	94
79) Naphthalene	13.523	128	303	0.009	ppbv	#	69
80) Naphthalene,2-methyl-	14.481	142	83	0.005	ppbv	#	59
81) 1,2,4-Trichlorobenzene	13.449	180	118	0.006	ppbv	#	1

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

Quant Time: May 21 23:02:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.794 min Scan# 835

Delta R.T. 0.004 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

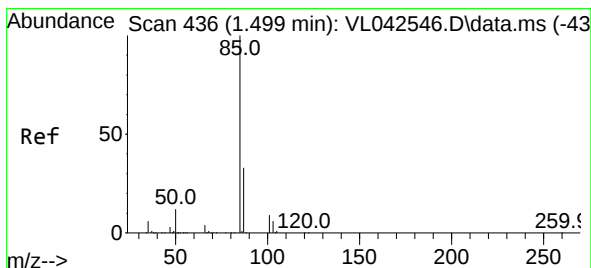
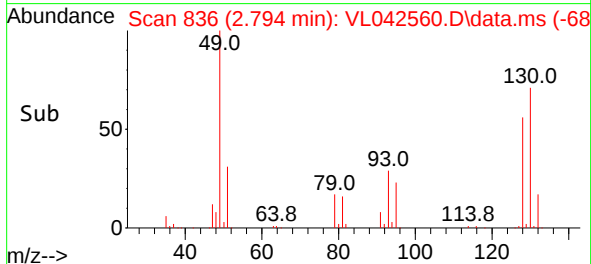
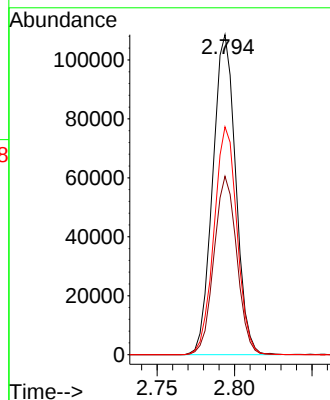
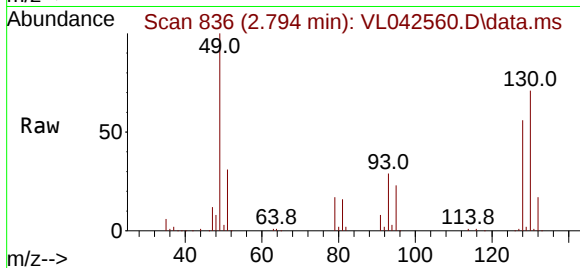
Tgt Ion: 49 Resp: 111905

Ion Ratio Lower Upper

49 100

128 55.4 28.6 85.8

130 71.3 36.6 109.8



#2

Dichlorodifluoromethane

Concen: 0.033 ppbv

RT: 1.499 min Scan# 436

Delta R.T. 0.000 min

Lab File: VL042560.D

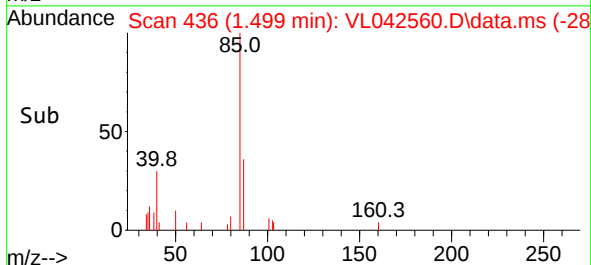
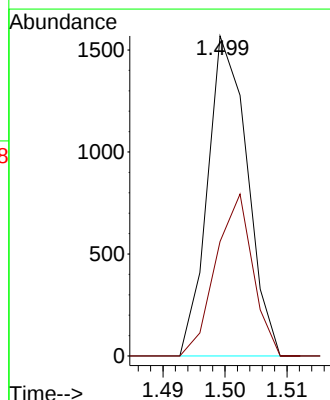
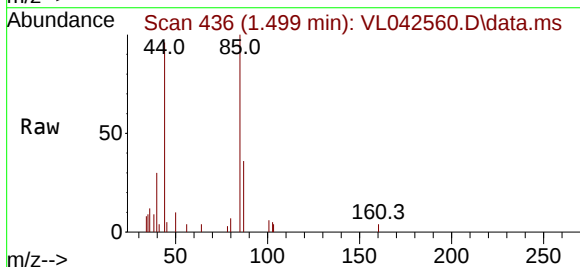
Acq: 21 May 2025 11:27

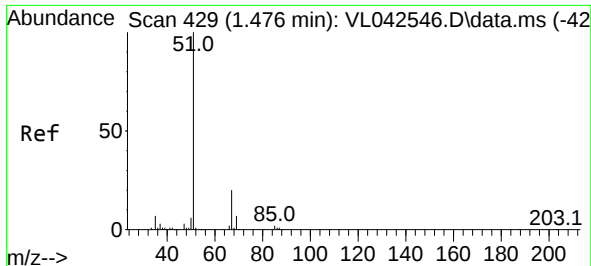
Tgt Ion: 85 Resp: 696

Ion Ratio Lower Upper

85 100

87 35.8 26.2 39.4

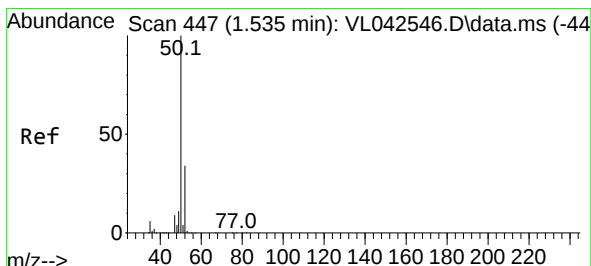
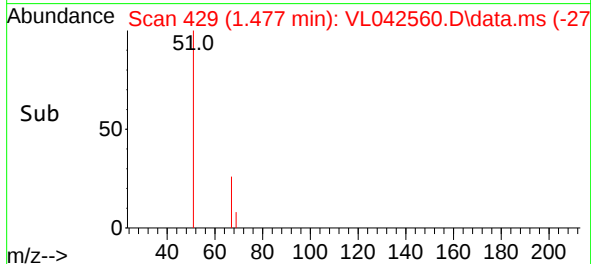
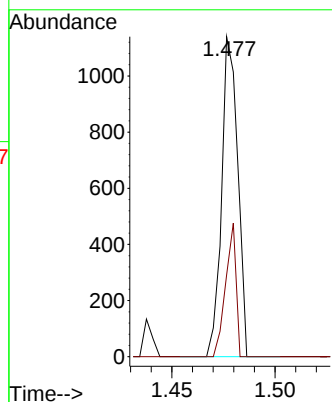
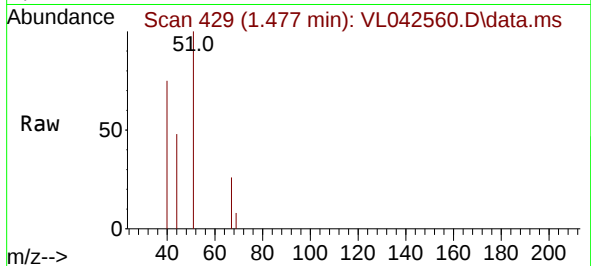




#3
Chlorodifluoromethane
Concen: 0.036 ppbv
RT: 1.477 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

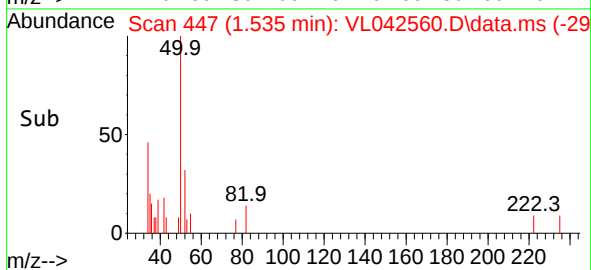
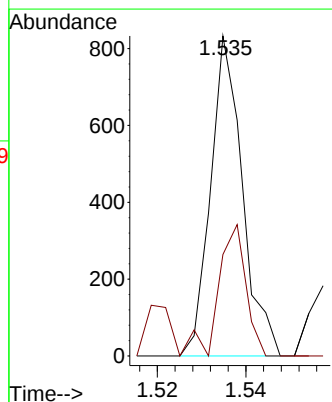
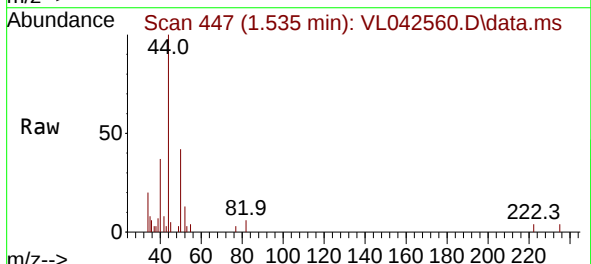
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

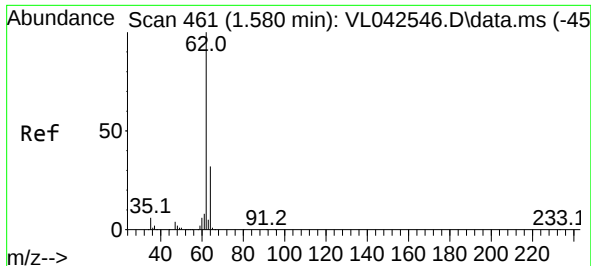
Tgt Ion: 51 Resp: 617
Ion Ratio Lower Upper
51 100
67 27.1 16.6 25.0#



#4
Chloromethane
Concen: 0.062 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 31.7 26.9 40.3

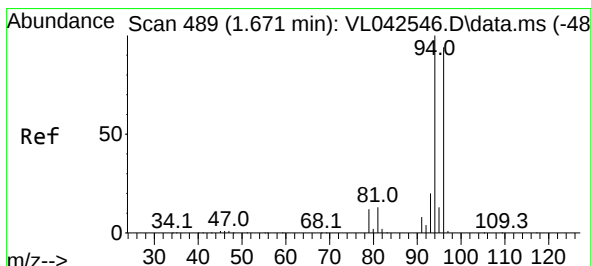
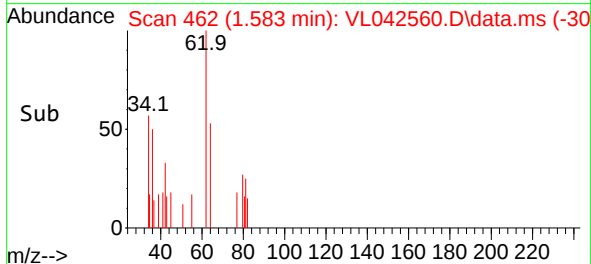
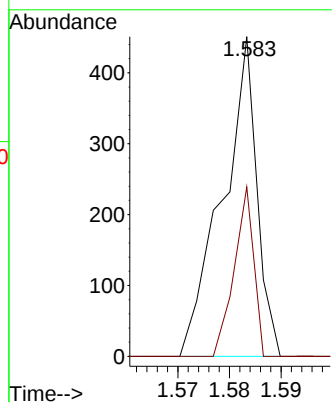
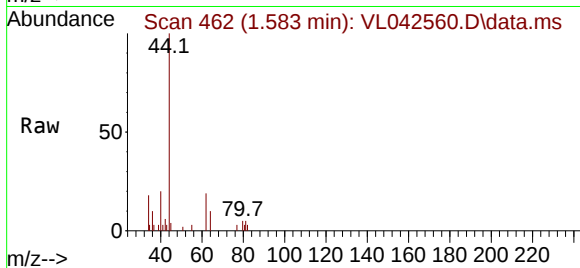




#5
 Vinyl Chloride
 Concen: 0.028 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

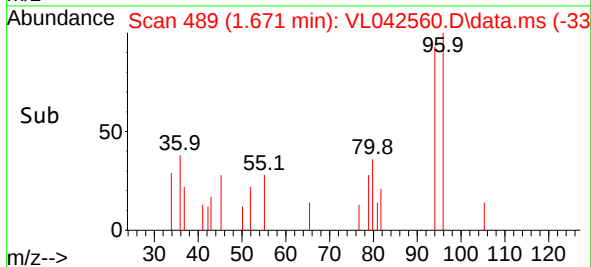
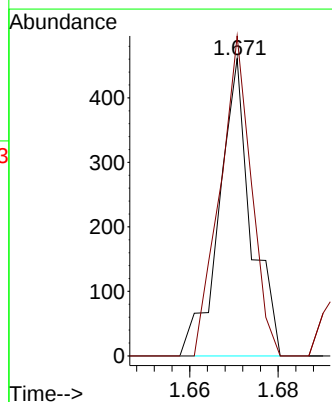
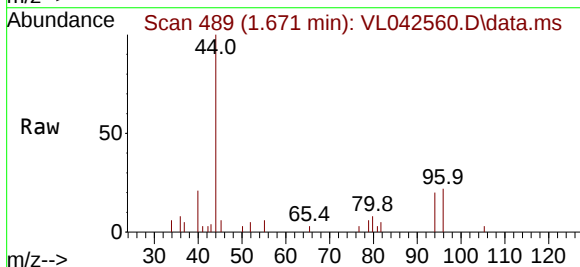
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

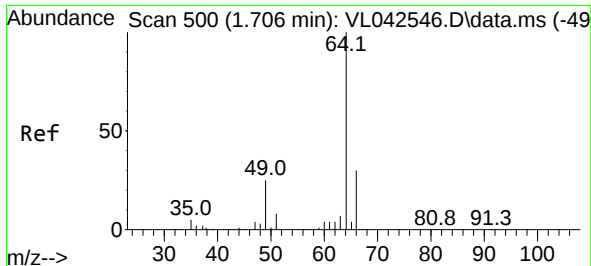
Tgt Ion: 62 Resp: 209
 Ion Ratio Lower Upper
 62 100
 64 53.0 25.7 38.5#



#6
 Bromomethane
 Concen: 0.054 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

Tgt Ion: 94 Resp: 230
 Ion Ratio Lower Upper
 94 100
 96 107.6 74.9 112.3

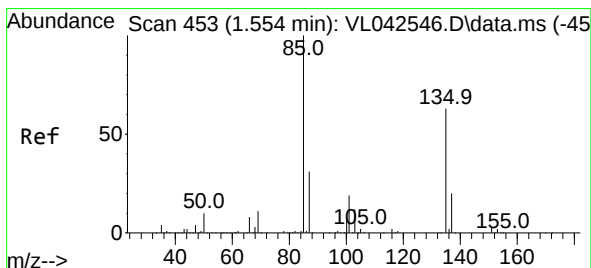
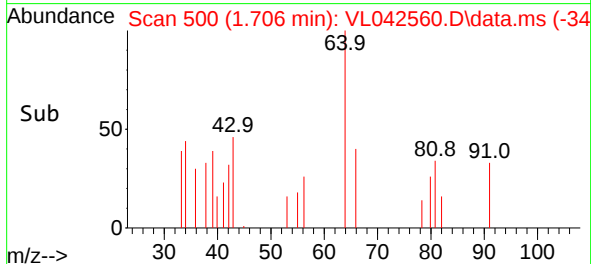
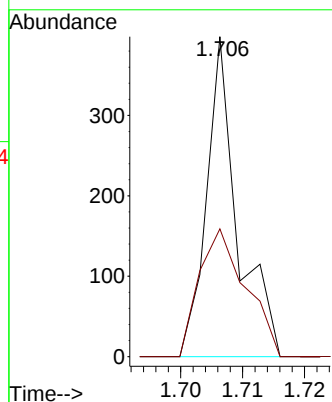
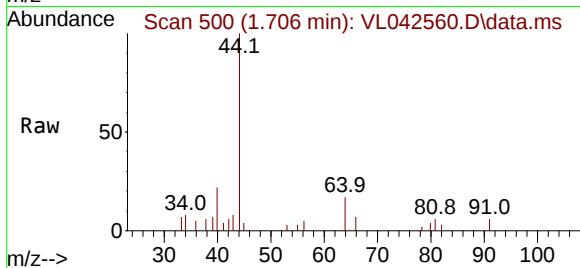




#7
Chloroethane
Concen: 0.046 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

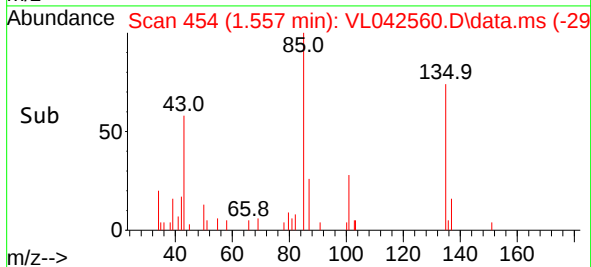
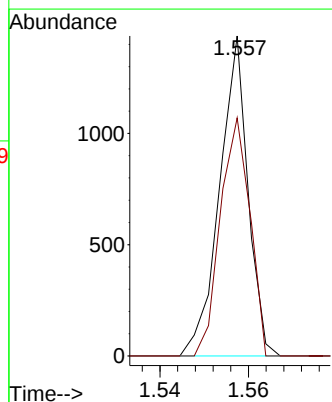
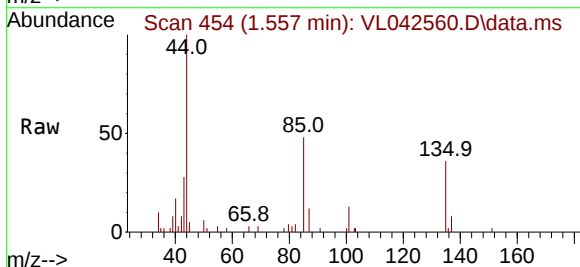
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

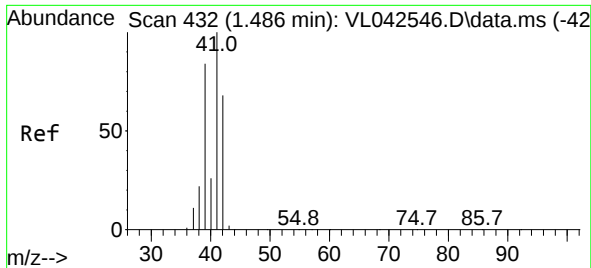
Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 39.9 24.4 36.6#



#8
Dichlorotetrafluoroethane
Concen: 0.036 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 85 Resp: 642
Ion Ratio Lower Upper
85 100
135 77.3 57.2 85.8





#9

Propene

Concen: 0.043 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

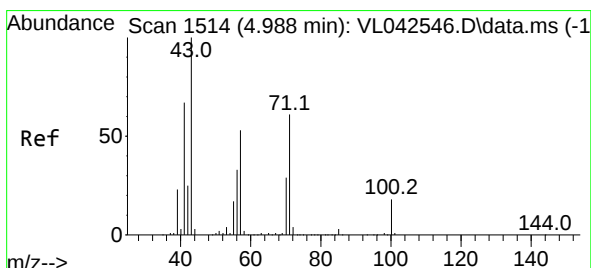
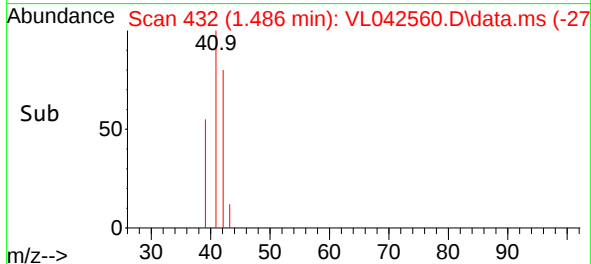
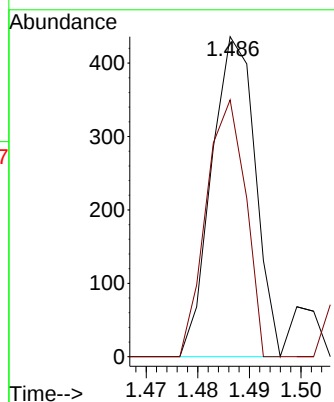
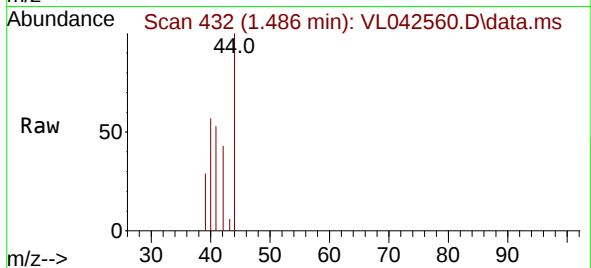
MDL 0.03

Tgt Ion: 41 Resp: 256

Ion Ratio Lower Upper

41 100

42 72.7 55.0 82.4



#10

Heptane

Concen: 0.009 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VL042560.D

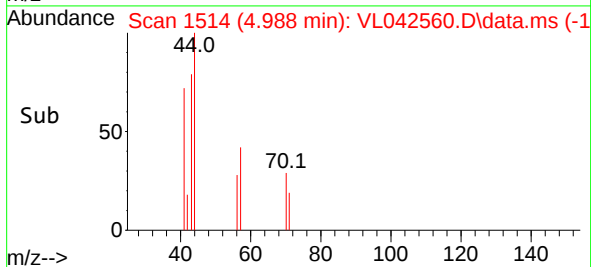
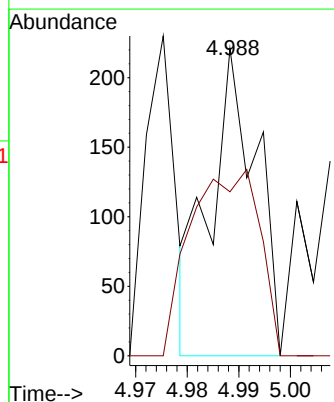
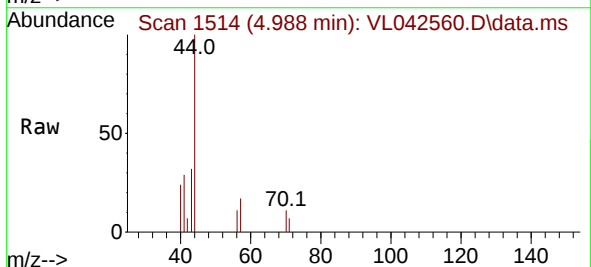
Acq: 21 May 2025 11:27

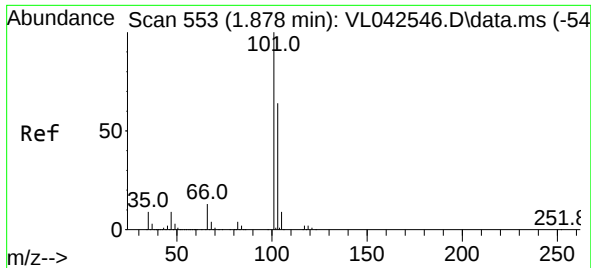
Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

43 100

57 90.5 43.4 65.0#

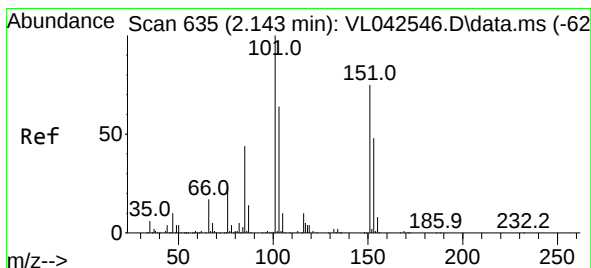
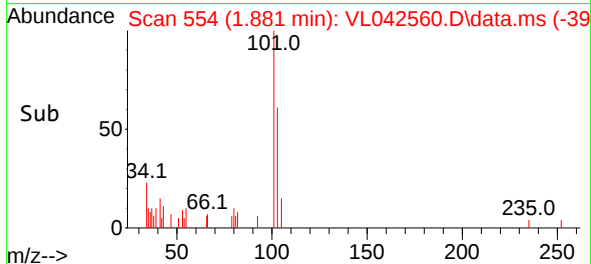
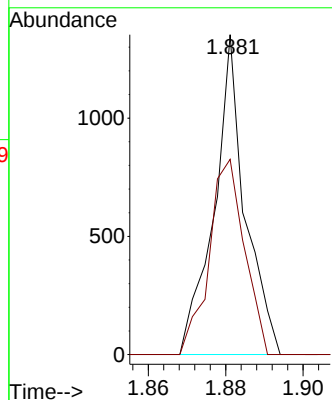
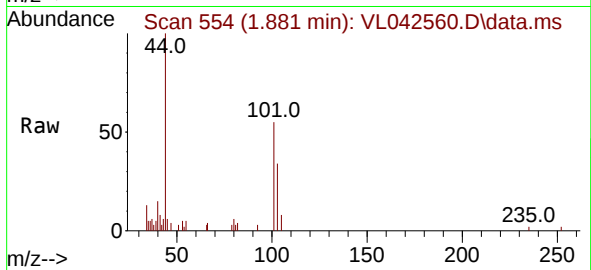




#11
 Trichlorofluoromethane
 Concen: 0.034 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

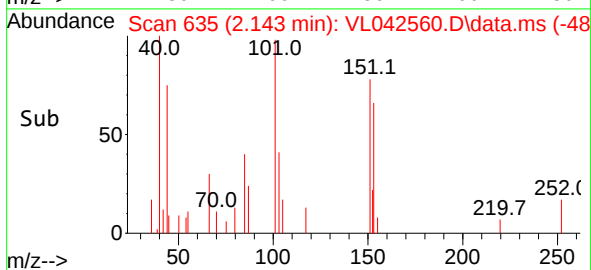
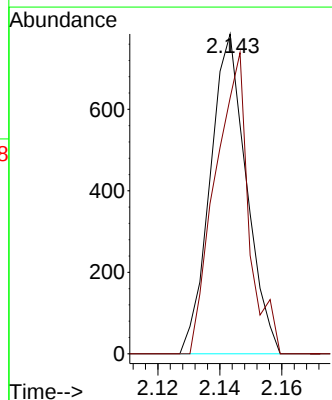
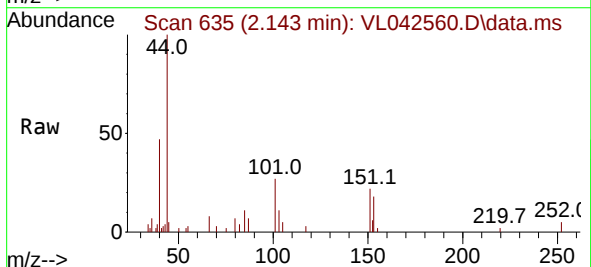
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

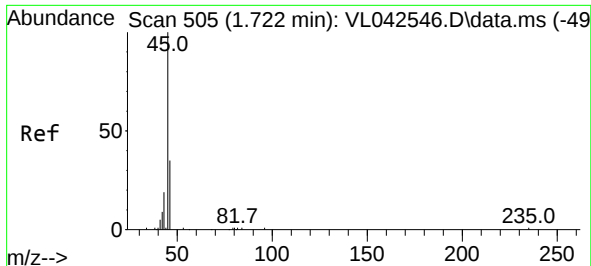
Tgt Ion:101 Resp: 749
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.036 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

Tgt Ion:101 Resp: 638
 Ion Ratio Lower Upper
 101 100
 151 87.0 59.5 89.3

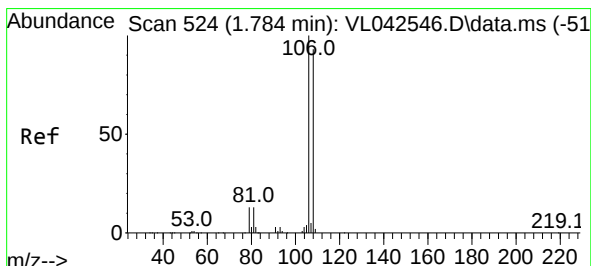
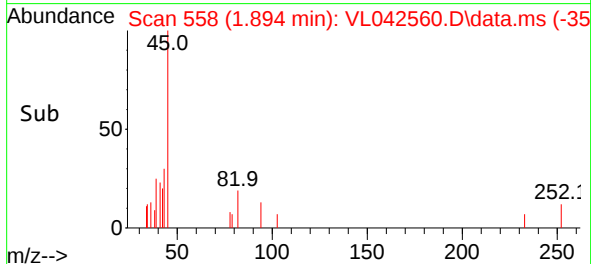
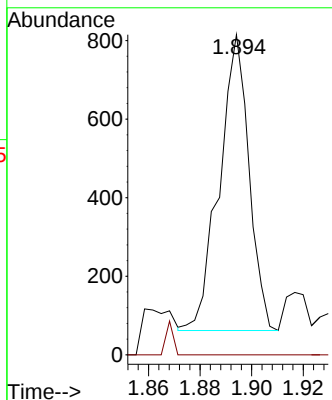
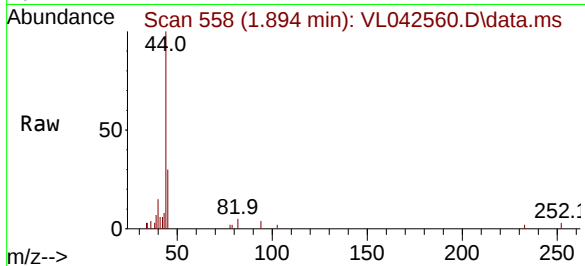




#13
 Ethanol
 Concen: 0.693 ppbv
 RT: 1.894 min Scan# 51
 Delta R.T. 0.172 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

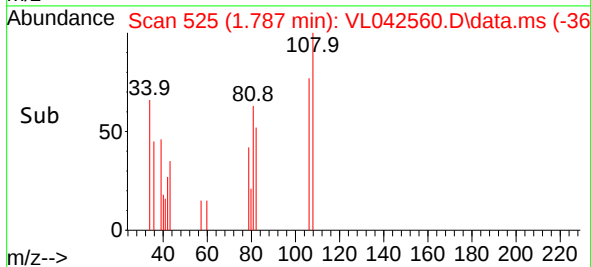
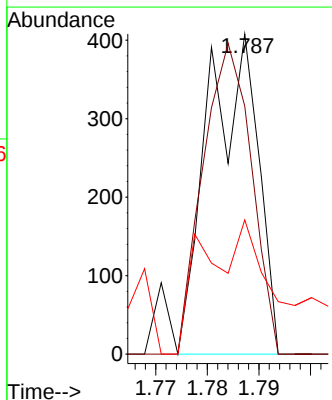
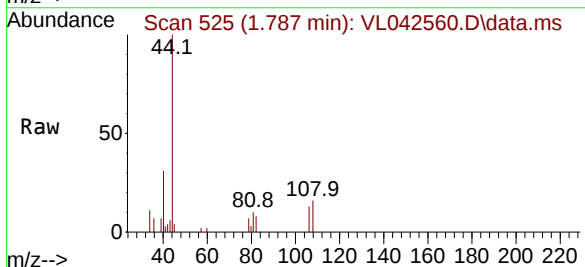
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

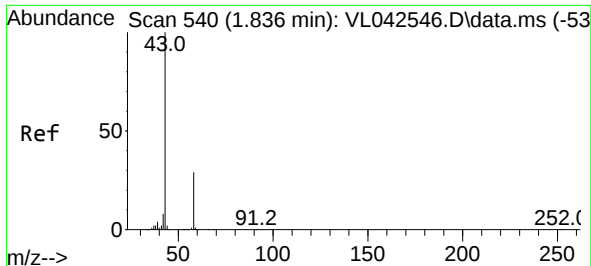
Tgt Ion: 45 Resp: 602
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.3#



#14
 Bromoethene
 Concen: 0.041 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

Tgt Ion: 108 Resp: 274
 Ion Ratio Lower Upper
 108 100
 106 94.2 86.4 129.6
 79 77.7 11.9 17.9#

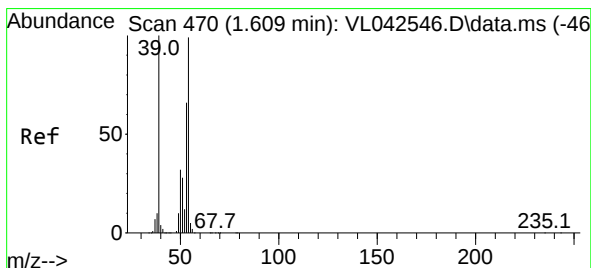
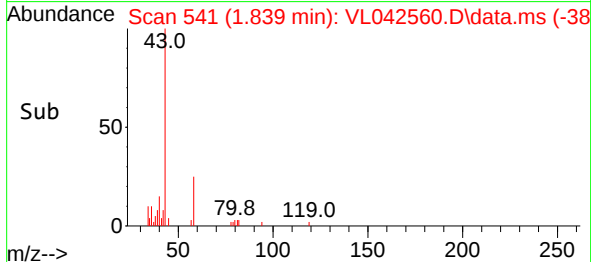
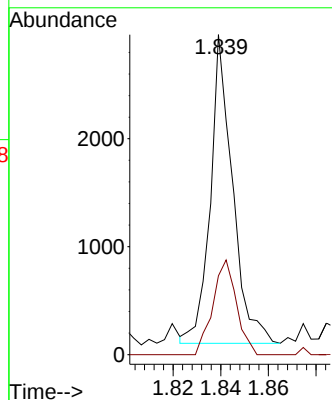
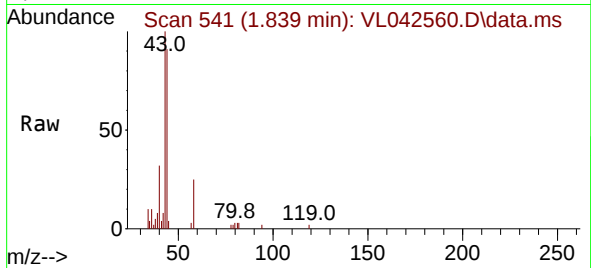




#15
Acetone
Concen: 0.119 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

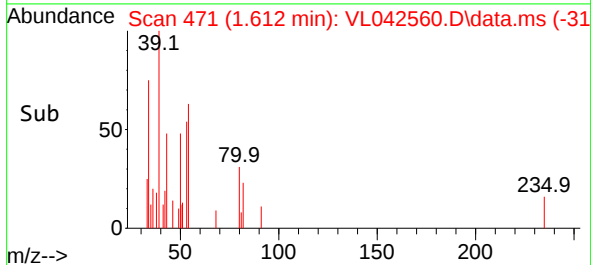
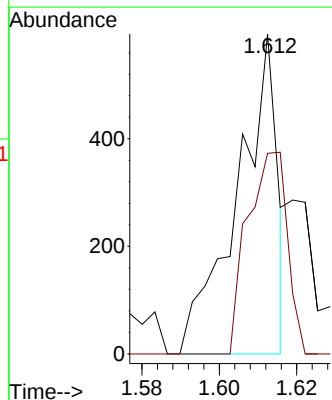
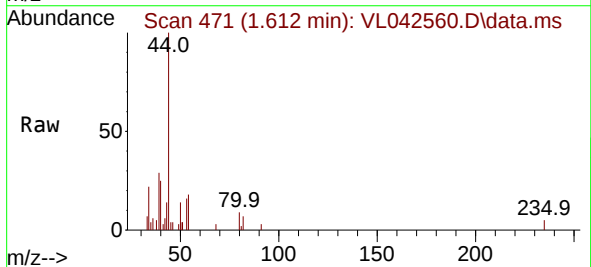
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

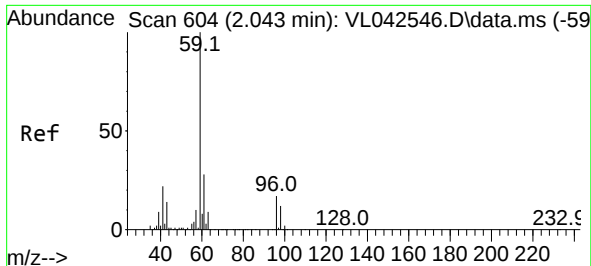
Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.2



#16
1,3-Butadiene
Concen: 0.068 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 39 Resp: 428
Ion Ratio Lower Upper
39 100
54 0.0 71.8 107.8#





#17

tert-Butyl alcohol

Concen: 0.039 ppbv

RT: 2.053 min Scan# 604

Delta R.T. 0.010 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

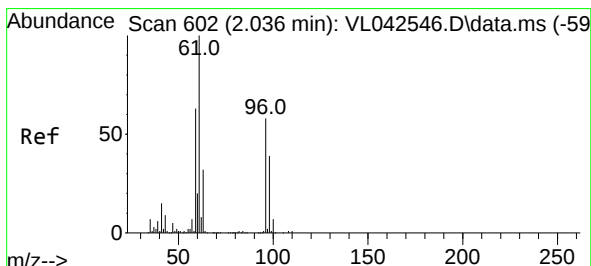
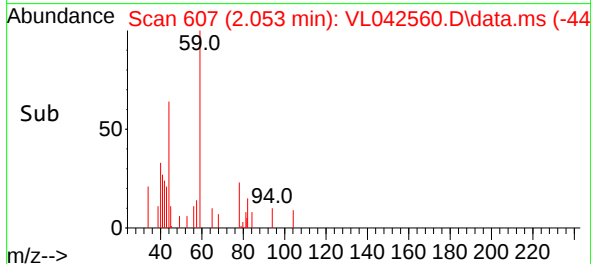
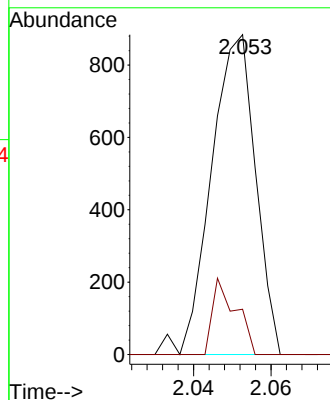
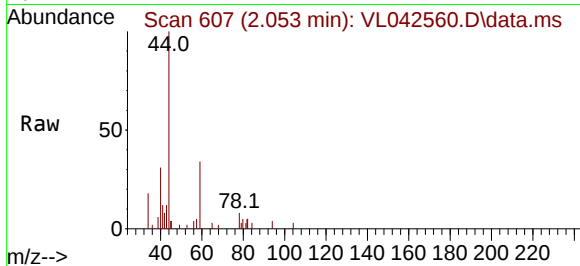
MDL 0.03

Tgt Ion: 59 Resp: 694

Ion Ratio Lower Upper

59 100

57 12.8 8.2 12.2#



#18

1,1-Dichloroethene

Concen: 0.024 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

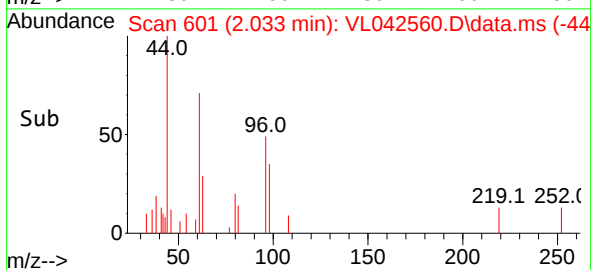
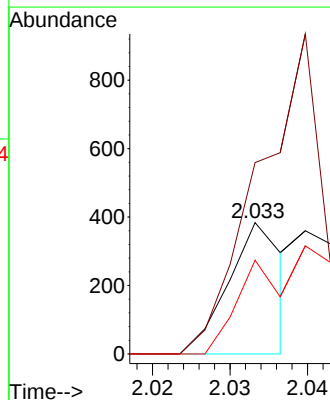
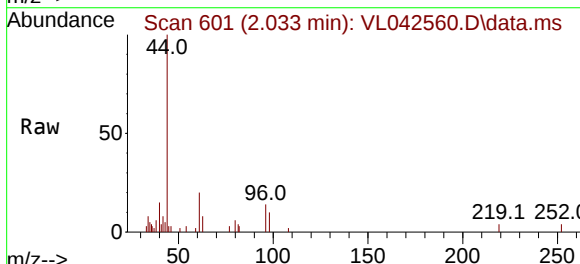
Tgt Ion: 96 Resp: 188

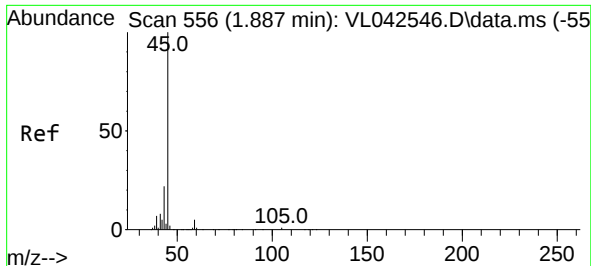
Ion Ratio Lower Upper

96 100

61 145.6 137.5 206.3

98 71.4 53.2 79.8

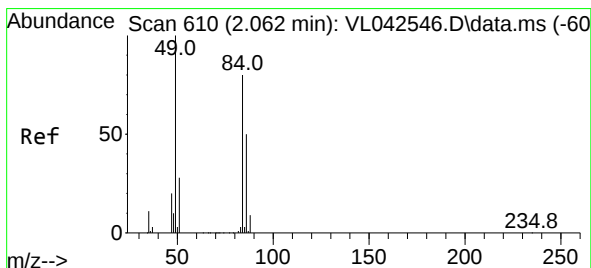
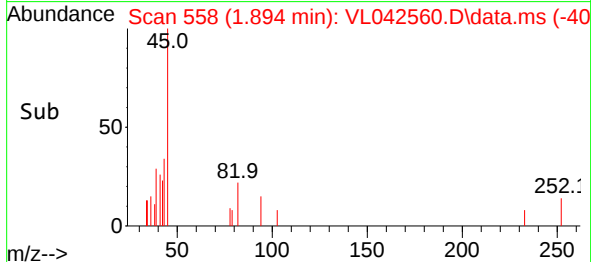
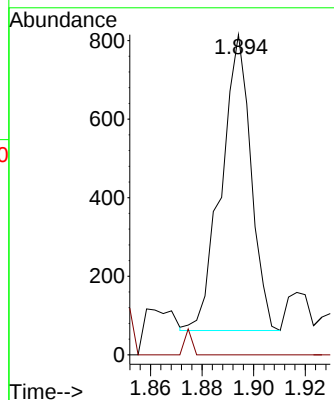
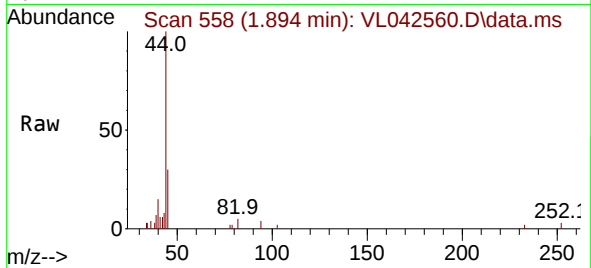




#19
Isopropyl Alcohol
Concen: 0.068 ppbv
RT: 1.894 min Scan# 556
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

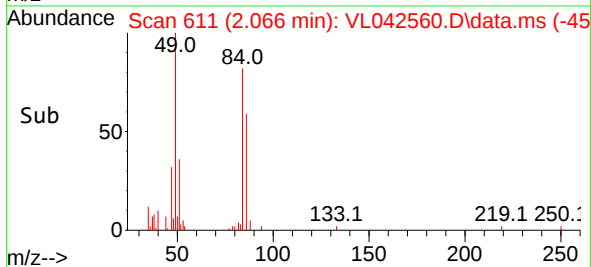
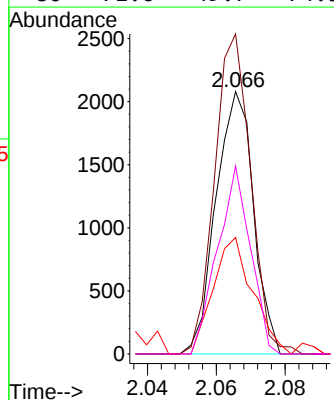
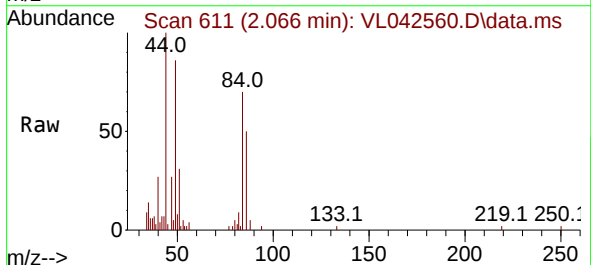
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

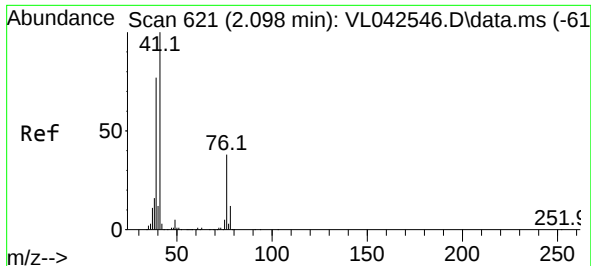
Tgt Ion: 45 Resp: 602
Ion Ratio Lower Upper
45 100
58 100.2 35.3 52.9#



#20
Methylene Chloride
Concen: 0.209 ppbv
RT: 2.066 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 84 Resp: 1575
Ion Ratio Lower Upper
84 100
49 121.9 99.7 149.5
51 47.6 29.7 44.5#
86 71.6 49.7 74.5

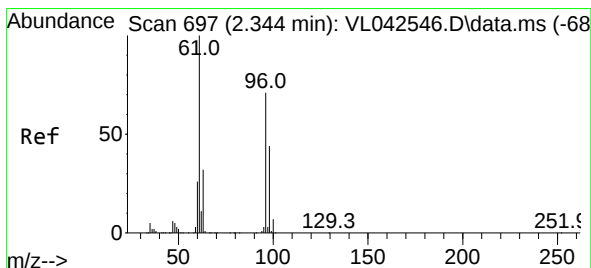
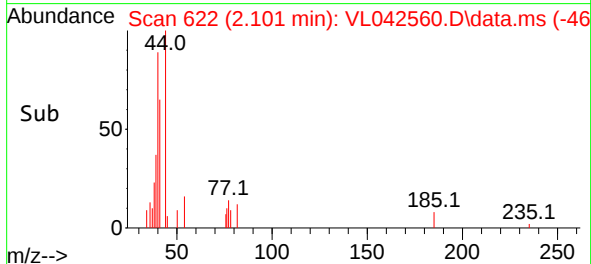
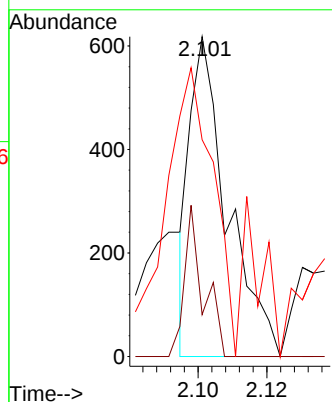
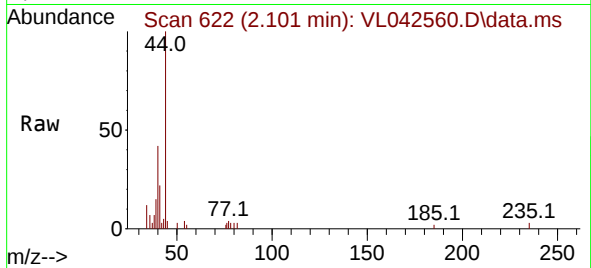




#21
 Allyl Chloride
 Concen: 0.047 ppbv
 RT: 2.101 min Scan# 601
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

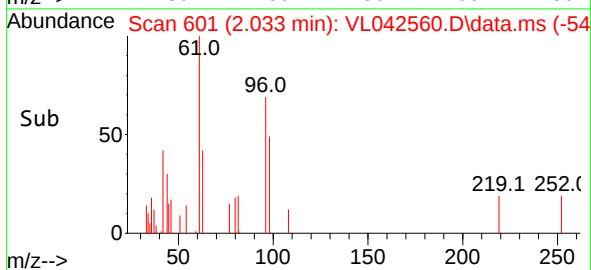
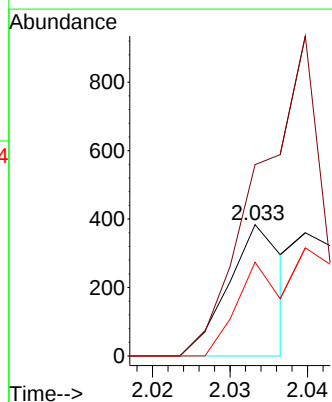
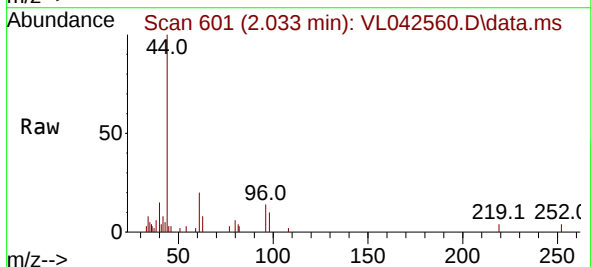
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

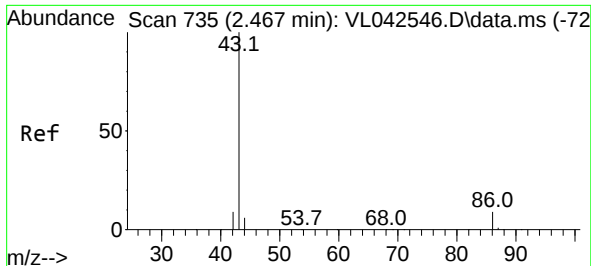
Tgt Ion: 41 Resp: 469
 Ion Ratio Lower Upper
 41 100
 76 23.7 30.2 45.4#
 39 144.1 62.5 93.7#



#22
 trans-1,2-Dichloroethene
 Concen: 0.021 ppbv
 RT: 2.033 min Scan# 601
 Delta R.T. -0.311 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

Tgt Ion: 96 Resp: 188
 Ion Ratio Lower Upper
 96 100
 61 145.6 112.5 168.7
 98 71.4 49.0 73.4





#23

Vinyl Acetate

Concen: 0.051 ppbv

RT: 2.467 min Scan# 711

Delta R.T. 0.000 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 43 Resp: 911

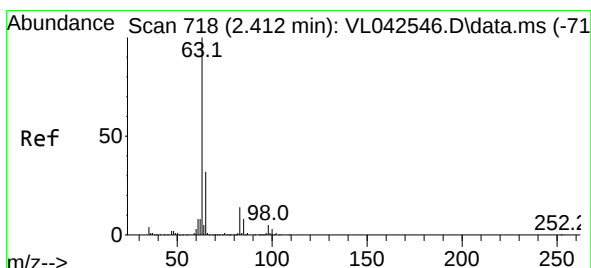
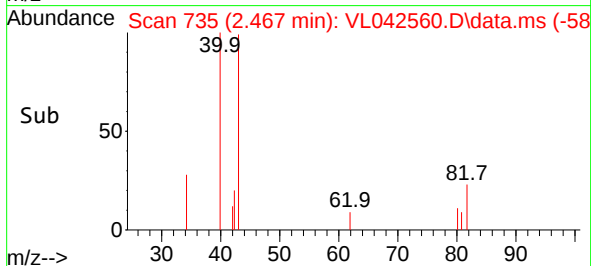
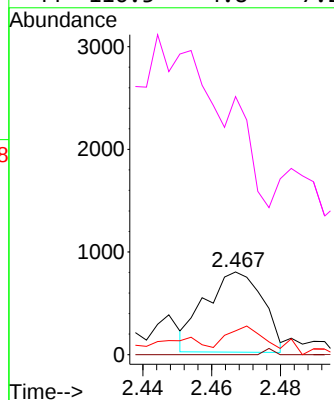
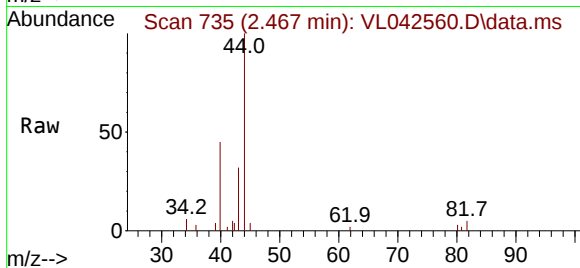
Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.6#

42 25.0 7.4 11.2#

44 116.3 4.8 7.2#



#24

1,1-Dichloroethane

Concen: 0.039 ppbv

RT: 2.418 min Scan# 720

Delta R.T. 0.007 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

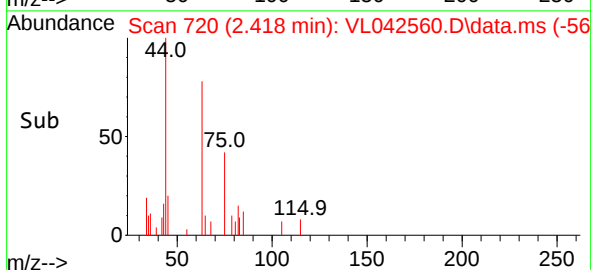
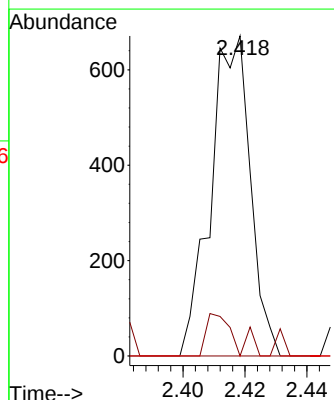
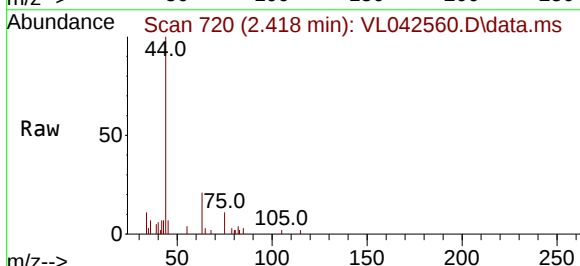
Tgt Ion: 63 Resp: 596

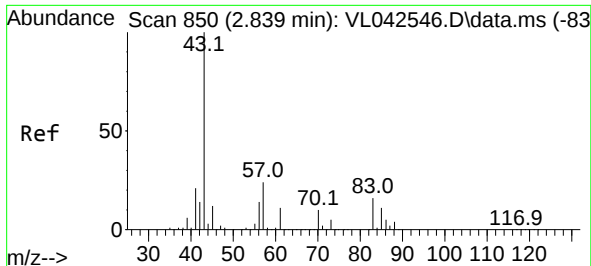
Ion Ratio Lower Upper

63 100

98 0.0 2.6 7.8#

100 0.0 1.8 5.3#

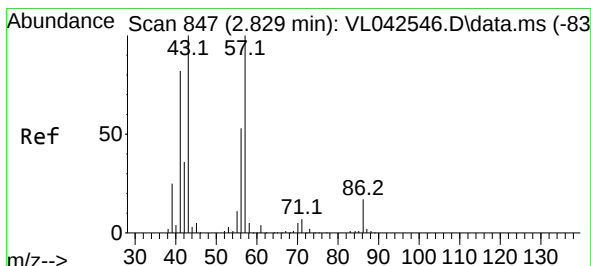
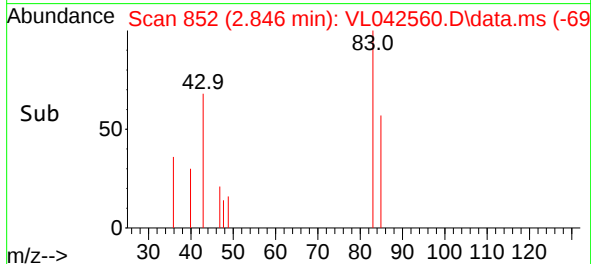
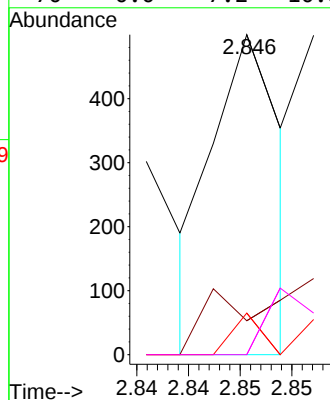
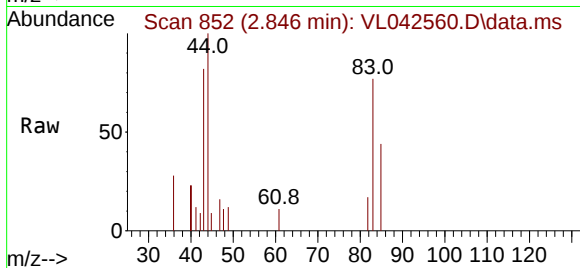




#25
Ethyl Acetate
Concen: 0.008 ppbv
RT: 2.846 min Scan# 850
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

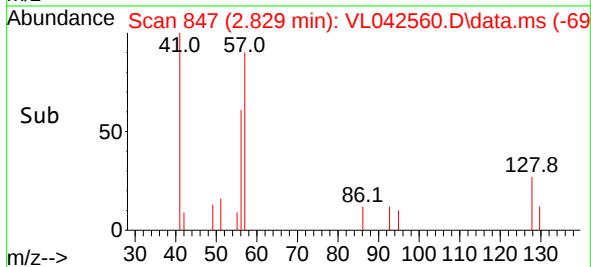
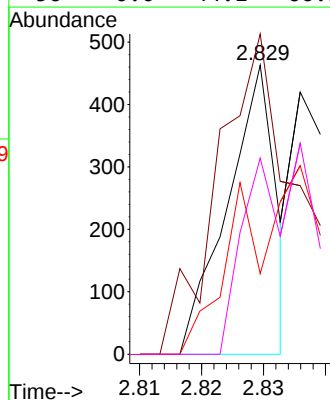
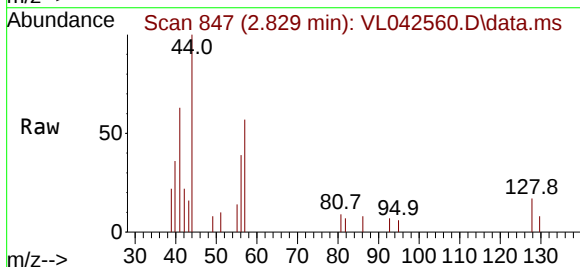
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

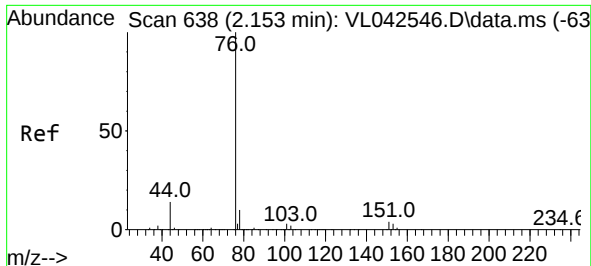
Tgt Ion:	43	Resp:	230
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	7.5	11.3#
70	0.0	7.2	10.8#



#26
Hexane
Concen: 0.018 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion:	57	Resp:	252
Ion	Ratio	Lower	Upper
57	100		
41	198.0	69.0	103.4#
43	0.0	174.2	261.2#
56	0.0	44.1	66.1#





#27

Carbon Disulfide

Concen: 0.031 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

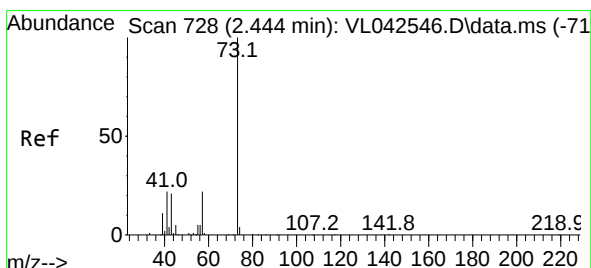
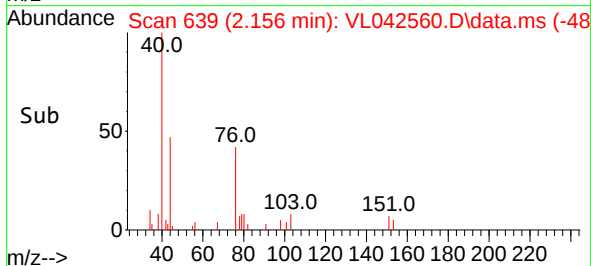
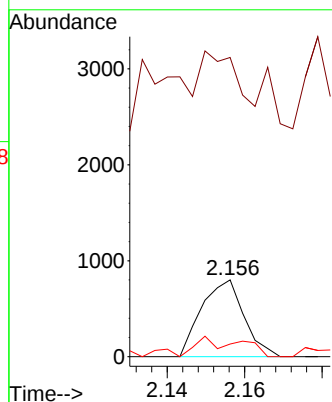
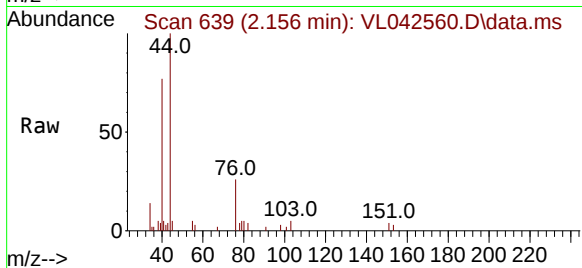
Tgt Ion: 76 Resp: 609

Ion Ratio Lower Upper

76 100

44 539.6 14.0 21.0#

78 62.4 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.047 ppbv

RT: 2.448 min Scan# 729

Delta R.T. 0.003 min

Lab File: VL042560.D

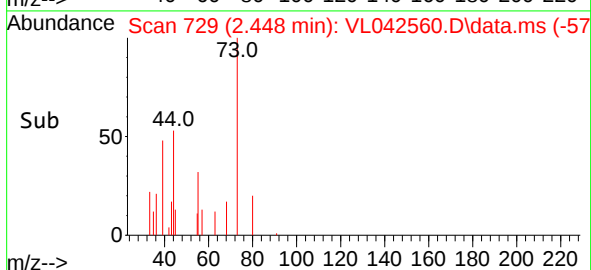
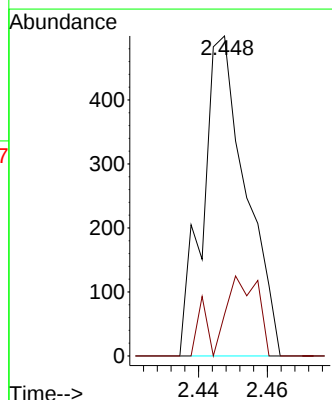
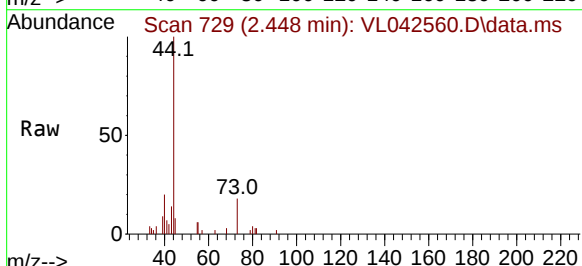
Acq: 21 May 2025 11:27

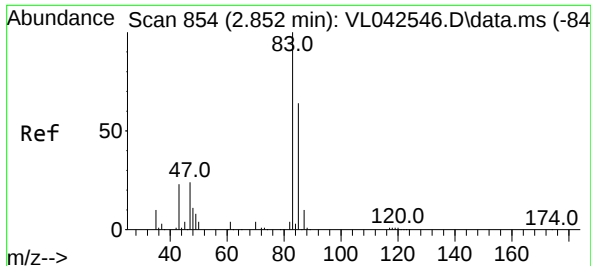
Tgt Ion: 73 Resp: 435

Ion Ratio Lower Upper

73 100

57 22.1 17.2 25.8





#29

Chloroform

Concen: 0.036 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

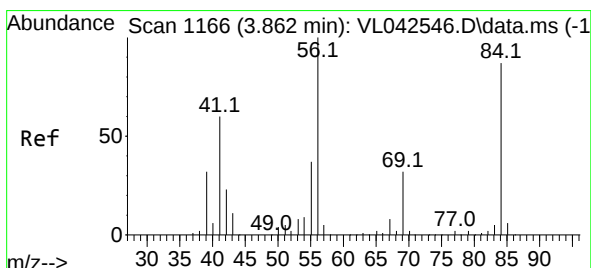
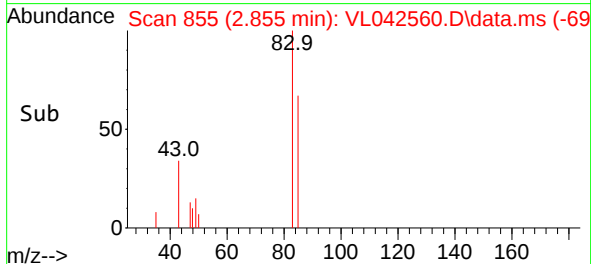
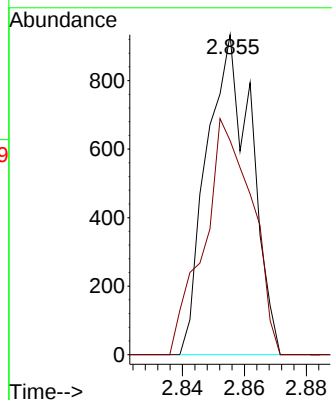
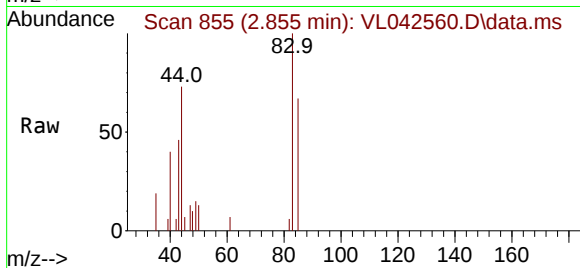
MDL 0.03

Tgt Ion: 83 Resp: 936

Ion Ratio Lower Upper

83 100

85 66.9 51.6 77.4



#30

Cyclohexane

Concen: 0.015 ppbv

RT: 3.872 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

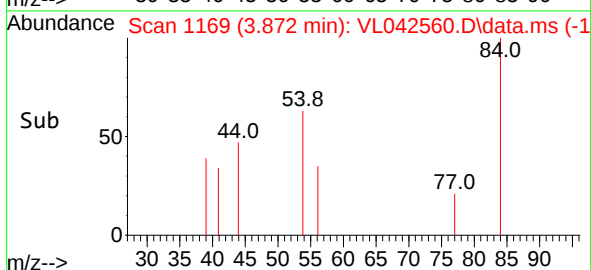
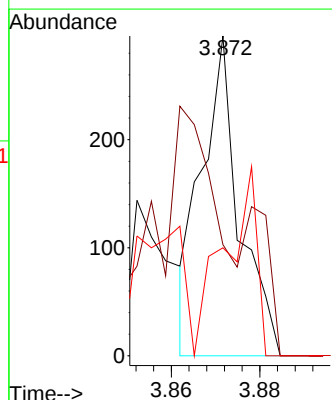
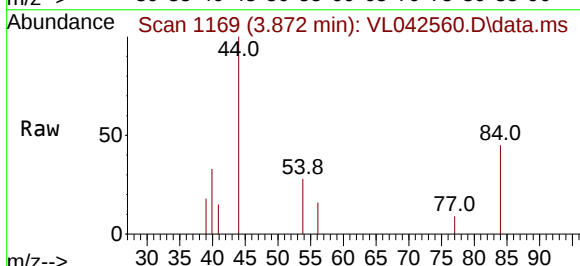
Tgt Ion: 84 Resp: 175

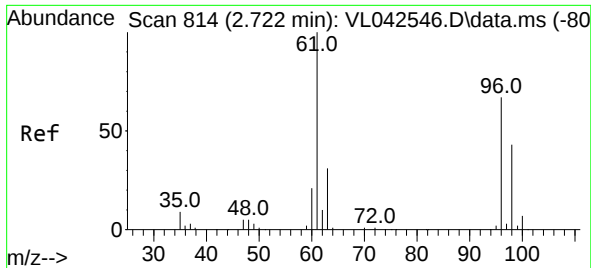
Ion Ratio Lower Upper

84 100

56 0.0 92.3 138.5#

41 98.9 57.0 85.4#

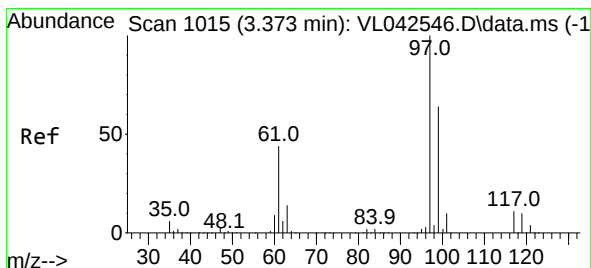
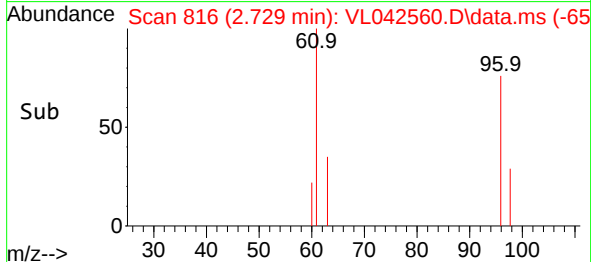
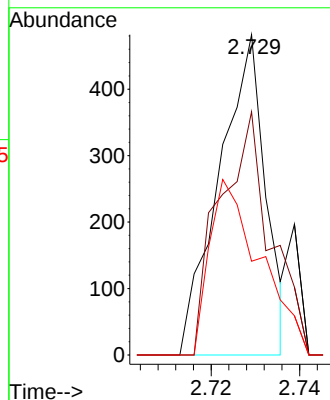
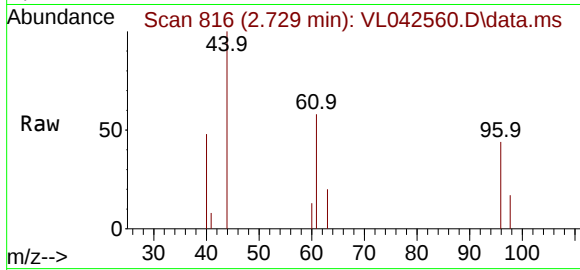




#31
 cis-1,2-Dichloroethene
 Concen: 0.023 ppbv
 RT: 2.729 min Scan# 814
 Delta R.T. 0.007 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

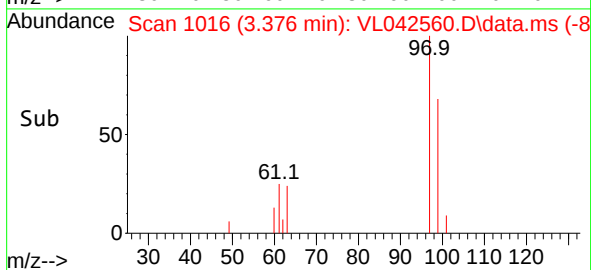
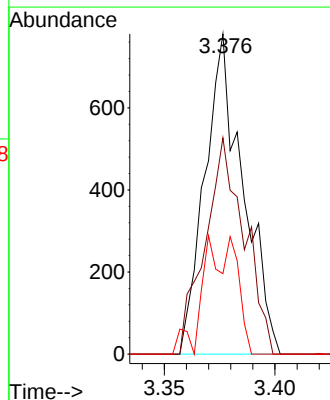
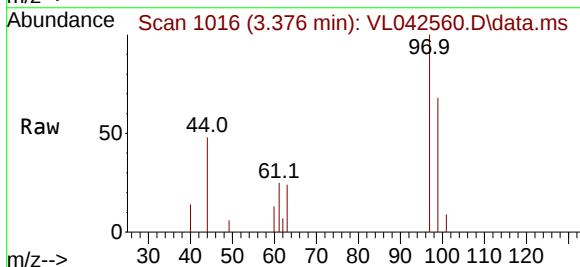
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

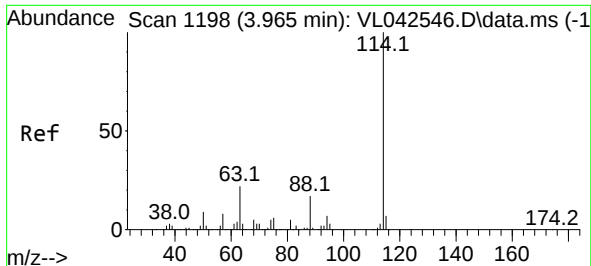
Tgt Ion: 61 Resp: 351
 Ion Ratio Lower Upper
 61 100
 96 75.9 53.8 80.8
 98 29.3 34.5 51.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.035 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

Tgt Ion: 97 Resp: 935
 Ion Ratio Lower Upper
 97 100
 99 69.4 51.5 77.3
 61 32.2 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. 0.003 min

Lab File: VL042560.D

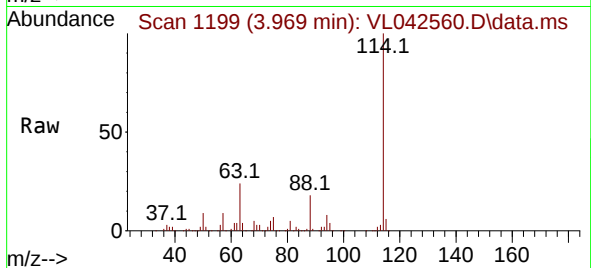
Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03



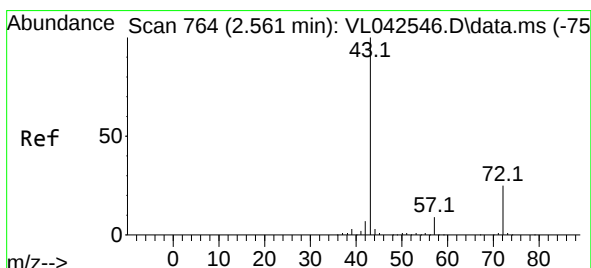
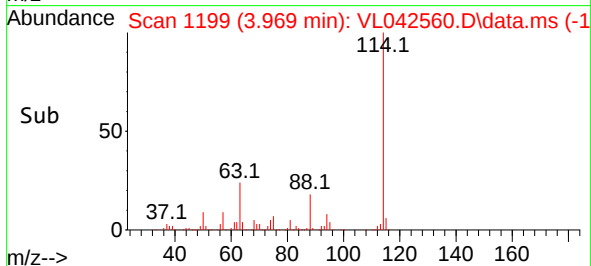
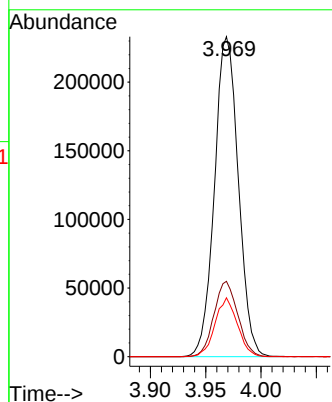
Tgt Ion:114 Resp: 349175

Ion Ratio Lower Upper

114 100

63 23.6 18.4 27.6

88 17.3 14.0 21.0



#34

2-Butanone

Concen: 0.002 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.006 min

Lab File: VL042560.D

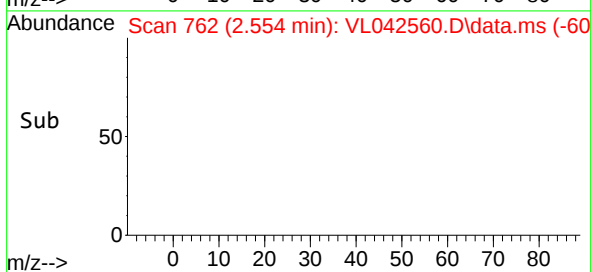
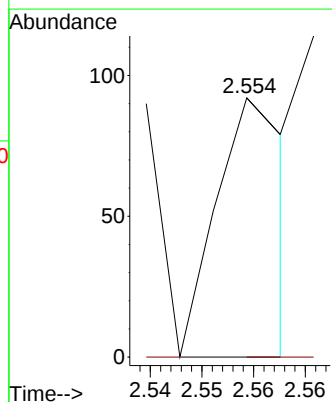
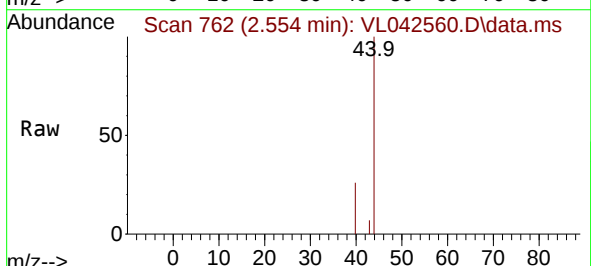
Acq: 21 May 2025 11:27

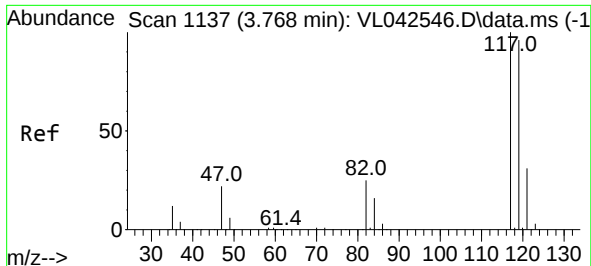
Tgt Ion: 43 Resp: 43

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#

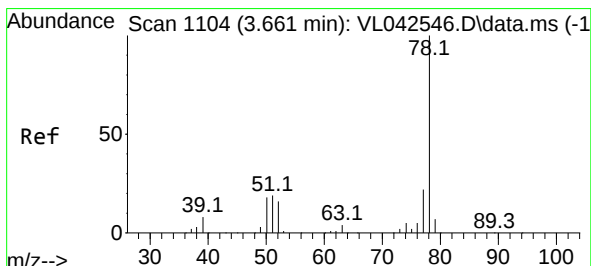
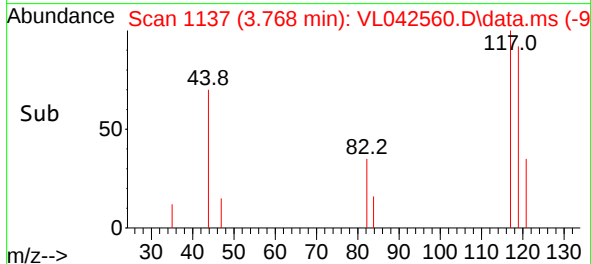
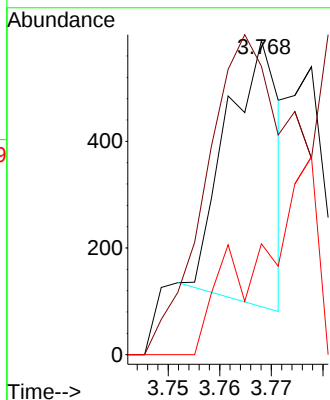
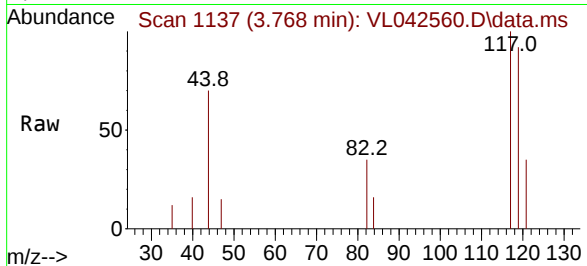




#35
Carbon Tetrachloride
Concen: 0.013 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

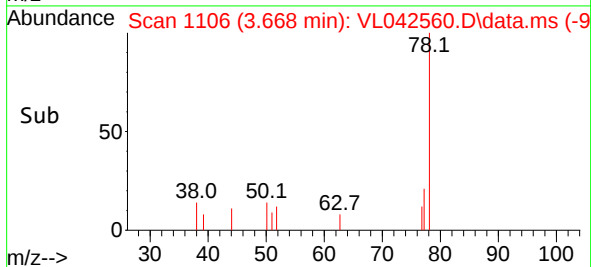
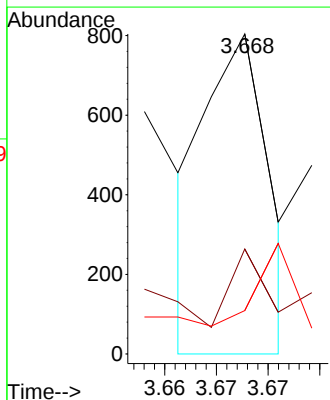
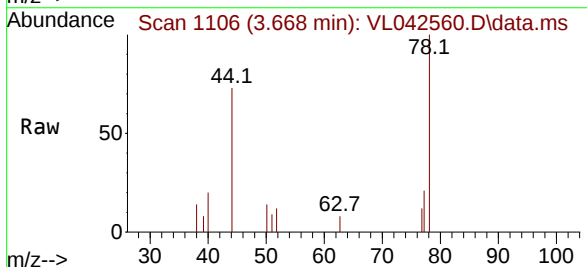
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

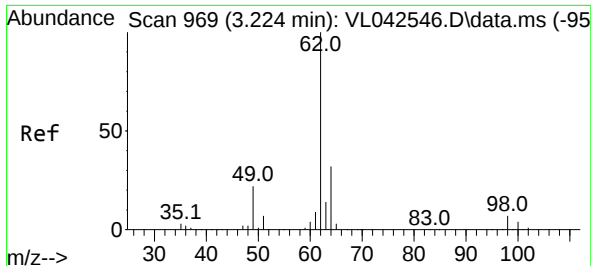
Tgt Ion:117 Resp: 347
Ion Ratio Lower Upper
117 100
119 93.4 76.6 114.8
121 45.8 24.7 37.1#



#36
Benzene
Concen: 0.012 ppbv
RT: 3.668 min Scan# 1106
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 78 Resp: 346
Ion Ratio Lower Upper
78 100
77 33.6 17.8 26.6#
50 3.4 14.0 21.0#

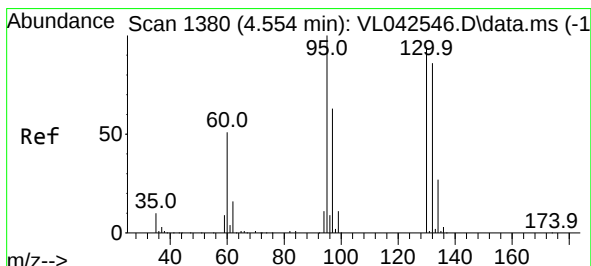
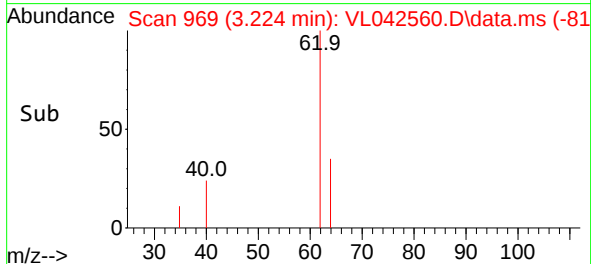
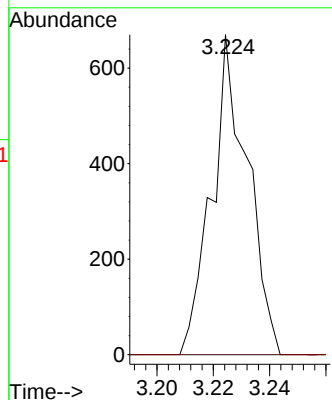
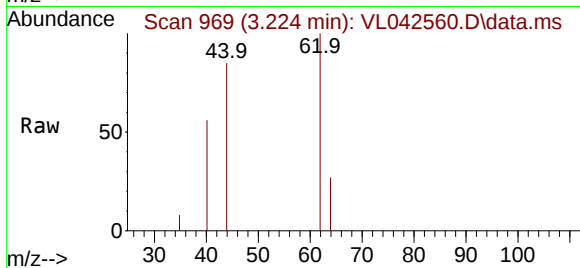




#37
1,2-Dichloroethane
Concen: 0.034 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

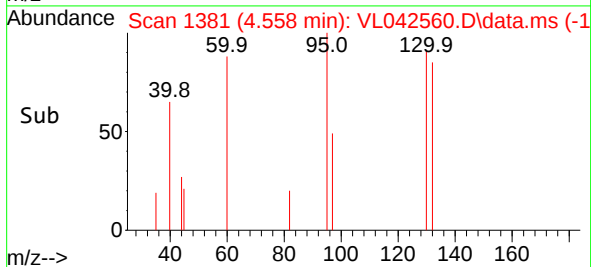
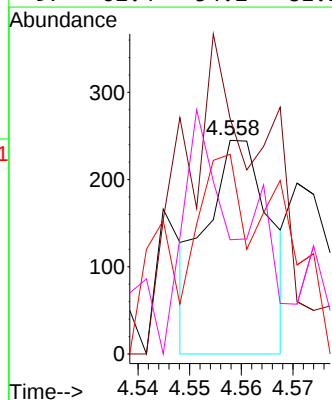
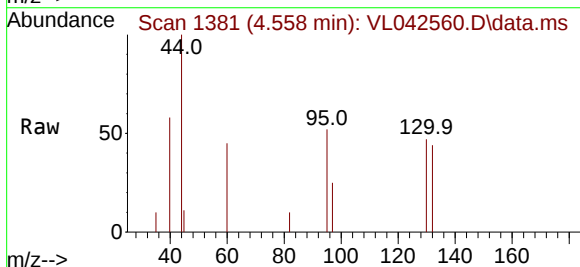
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

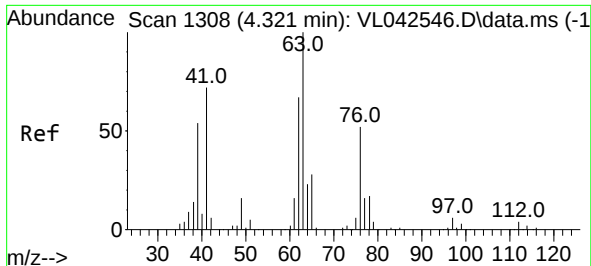
Tgt Ion: 62 Resp: 591
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#38
Trichloroethene
Concen: 0.016 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 130 Resp: 210
Ion Ratio Lower Upper
130 100
95 0.0 85.2 127.8#
132 147.0 73.4 110.2#
97 62.4 54.2 81.2





#39

1,2-Dichloropropane

Concen: 8.298 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. -0.353 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

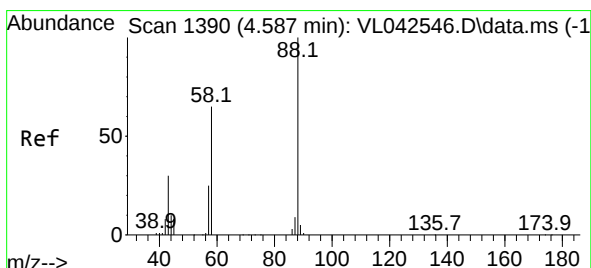
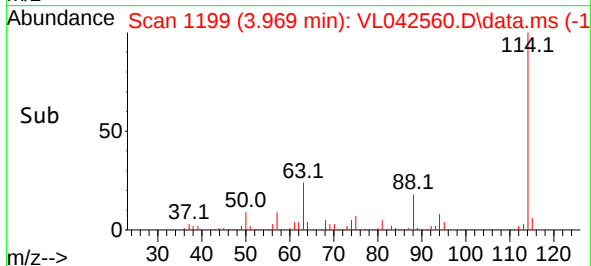
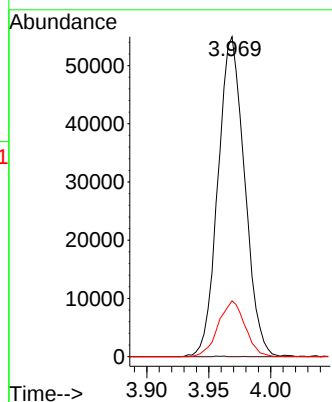
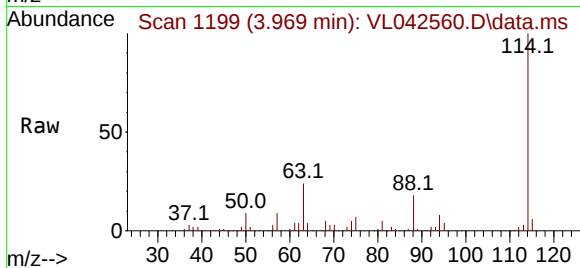
Tgt Ion: 63 Resp: 82296

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 17.4 53.3 79.9#



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 4.642 min Scan# 1407

Delta R.T. 0.055 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Tgt Ion: 88 Resp: 31

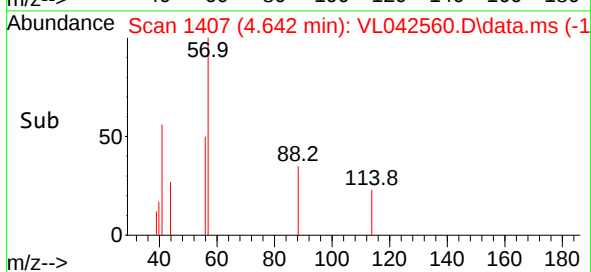
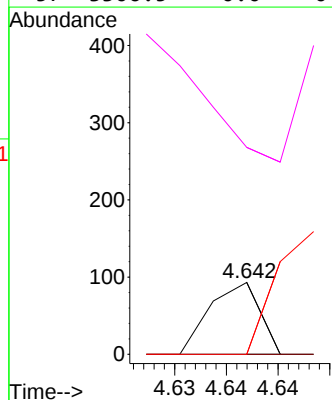
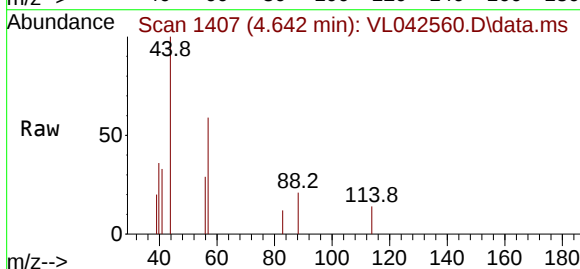
Ion Ratio Lower Upper

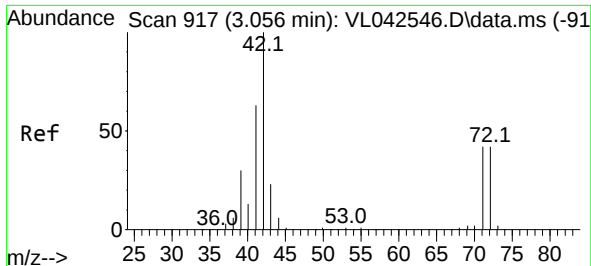
88 100

58 0.0 52.8 79.2#

43 400.0 23.0 34.4#

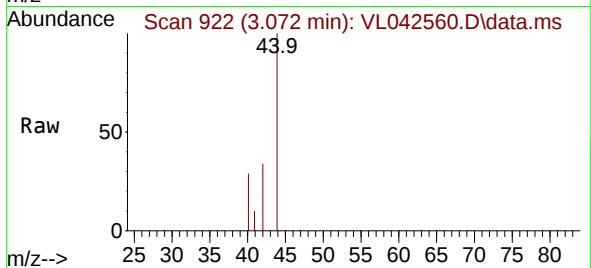
57 3306.5 0.0 0.0#



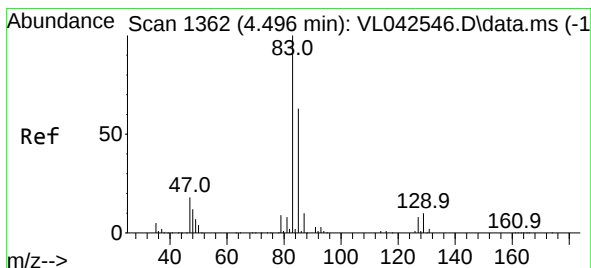
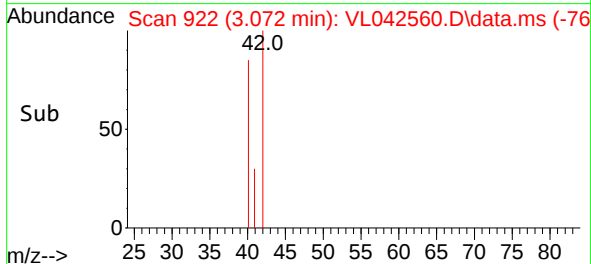
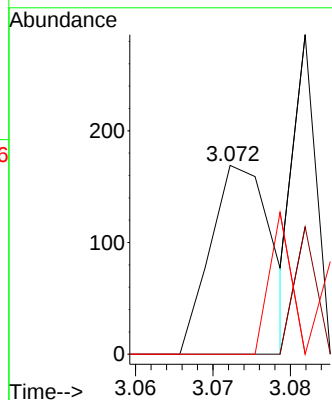


#41
Tetrahydrofuran
Concen: 0.010 ppbv
RT: 3.072 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

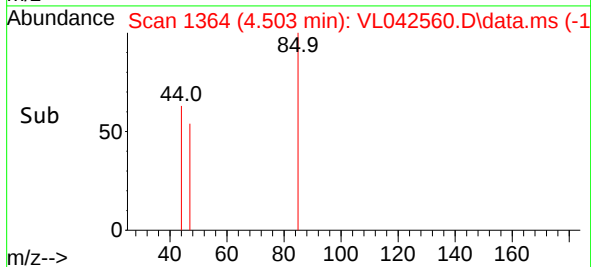
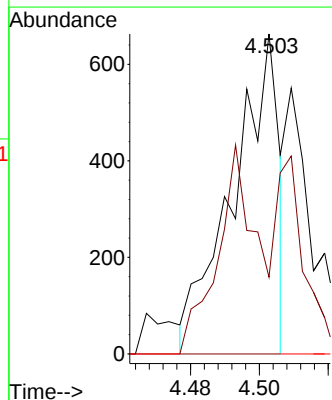
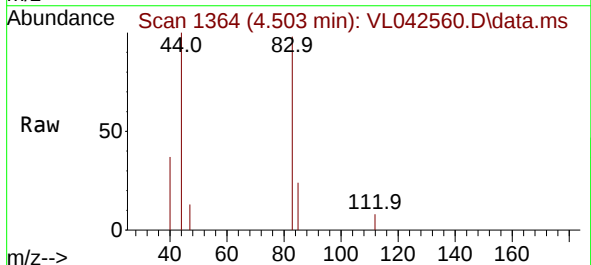


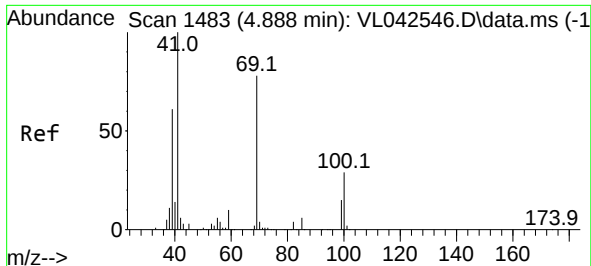
Tgt Ion: 42 Resp: 94
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 33.6 50.4#



#42
Bromodichloromethane
Concen: 0.025 ppbv
RT: 4.503 min Scan# 1364
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 83 Resp: 616
Ion Ratio Lower Upper
83 100
85 26.4 50.4 75.6#
127 0.0 6.5 9.7#

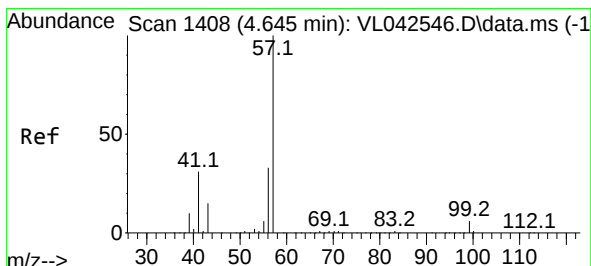
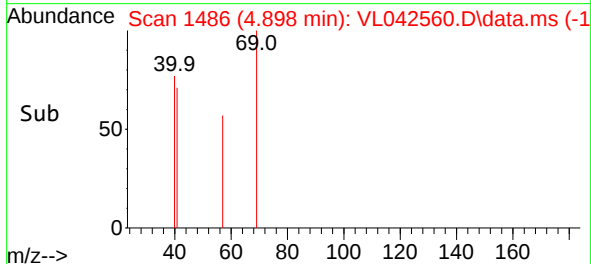
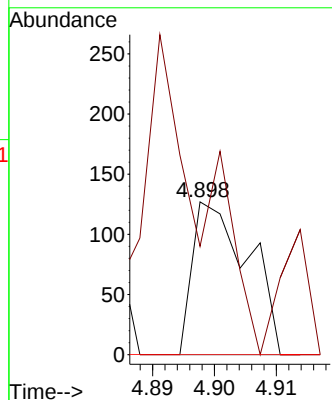
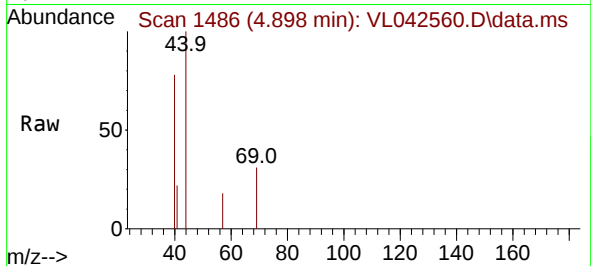




#43
Methyl Methacrylate
Concen: 0.008 ppbv
RT: 4.898 min Scan# 1411
Delta R.T. 0.010 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

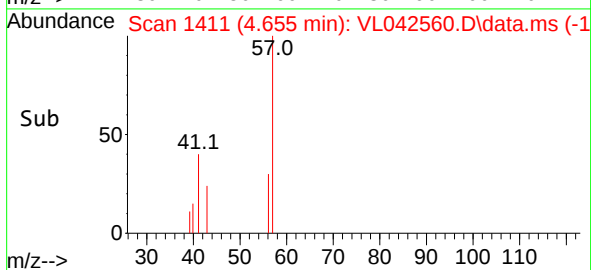
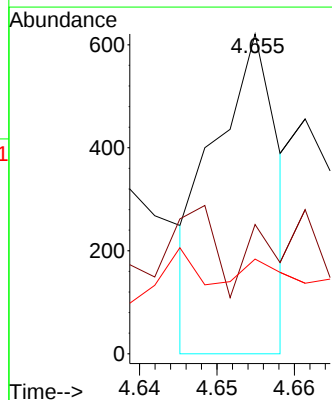
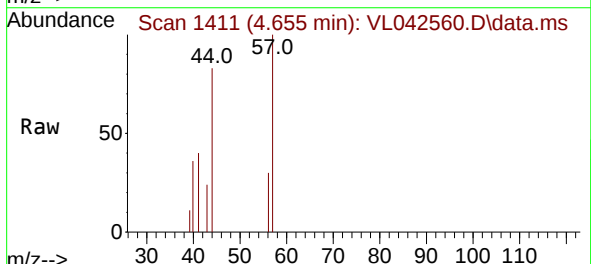
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.03

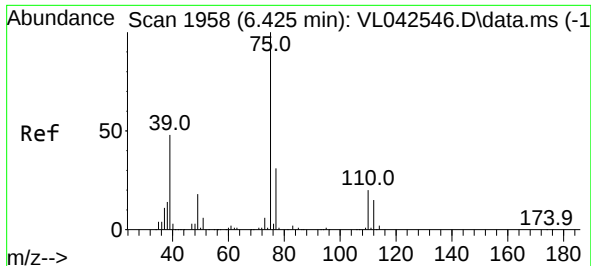
Tgt Ion: 69 Resp: 79
Ion Ratio Lower Upper
69 100
41 268.4 107.8 161.8#
100 0.0 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.008 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.010 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 57 Resp: 359
Ion Ratio Lower Upper
57 100
41 122.8 25.0 37.4#
56 96.4 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 6.429 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

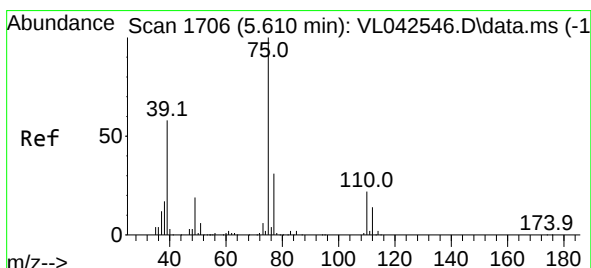
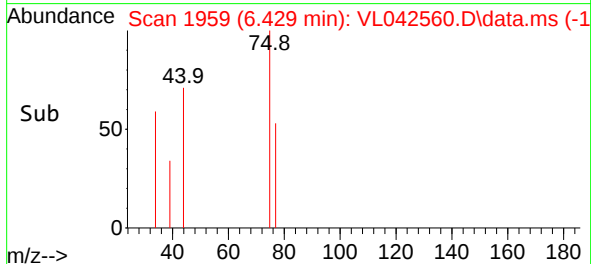
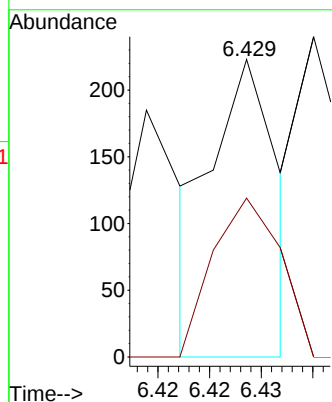
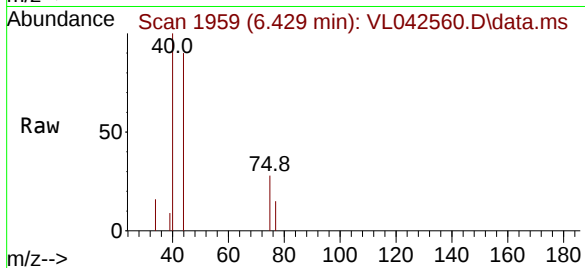
MDL 0.03

Tgt Ion: 75 Resp: 97

Ion Ratio Lower Upper

75 100

77 53.4 24.6 37.0#



#46

cis-1,3-Dichloropropene

Concen: 0.009 ppbv

RT: 5.610 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

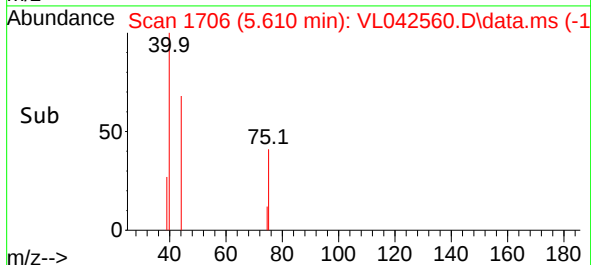
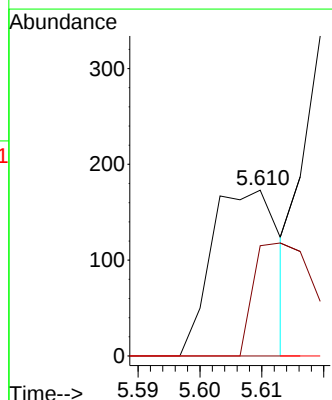
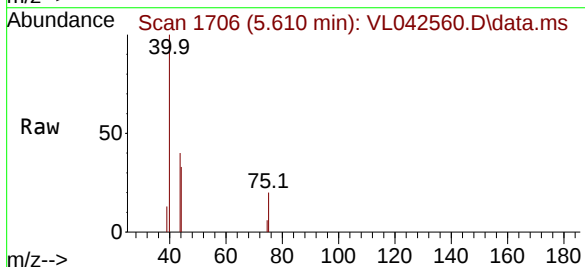
Tgt Ion: 75 Resp: 131

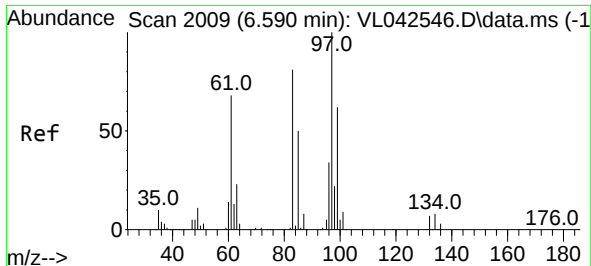
Ion Ratio Lower Upper

75 100

39 66.5 46.3 69.5

77 0.0 25.0 37.6#

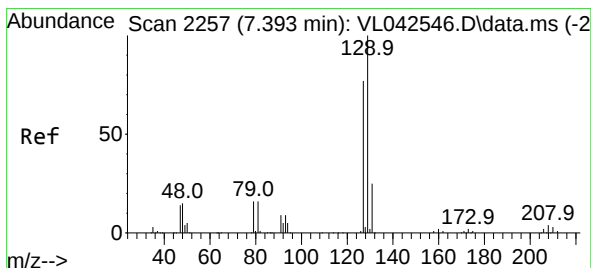
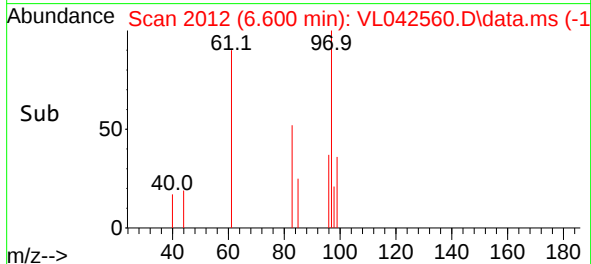
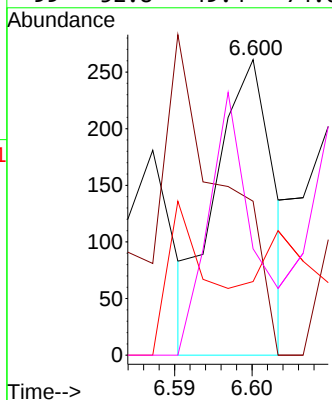
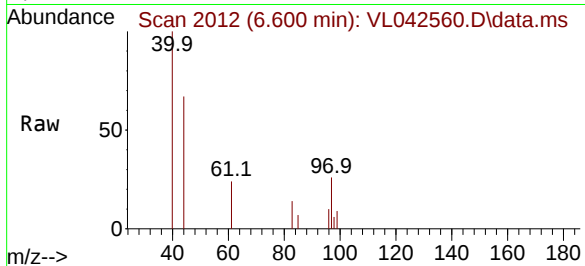




#47
1,1,2-Trichloroethane
Concen: 0.011 ppbv
RT: 6.600 min Scan# 2012
Delta R.T. 0.010 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

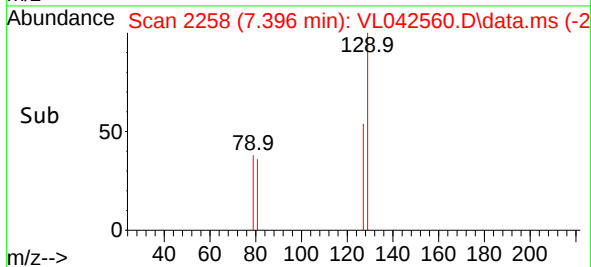
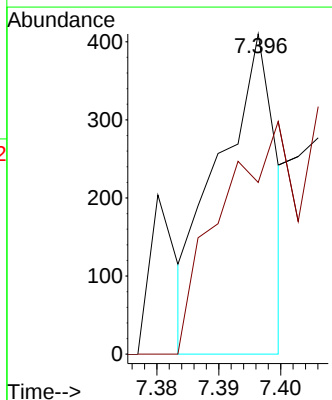
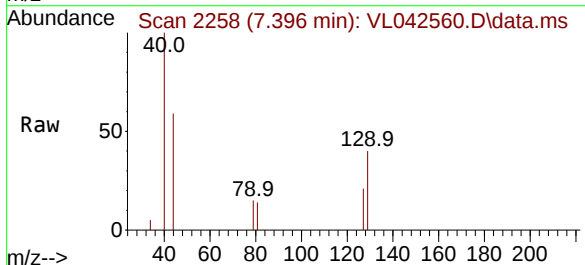
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

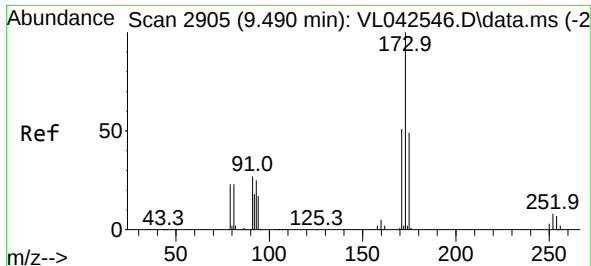
Tgt Ion: 97	Resp: 135
Ion Ratio	Lower Upper
97 100	
83 76.4	65.0 97.4
85 0.0	39.9 59.9#
99 52.8	49.4 74.0



#48
Dibromochloromethane
Concen: 0.013 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion:129	Resp:	266	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	117.0#





#49

Bromoform

Concen: 0.037 ppbv

RT: 9.494 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

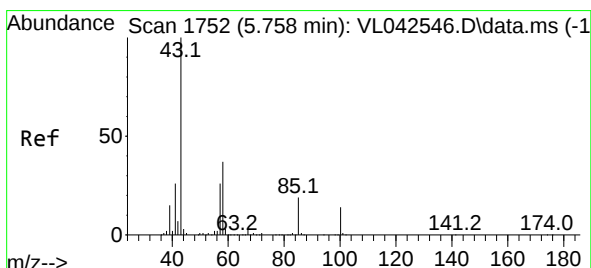
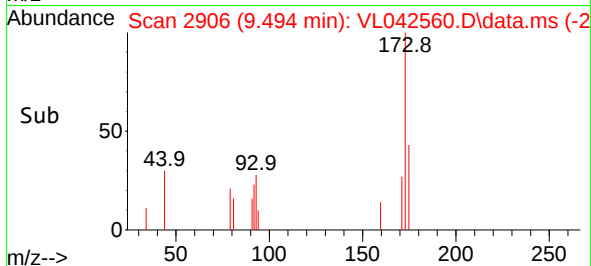
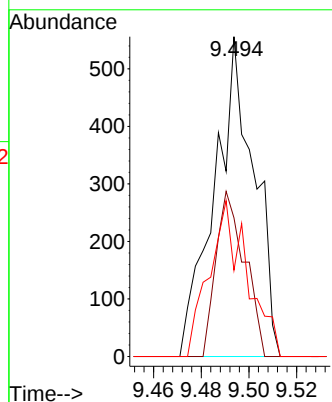
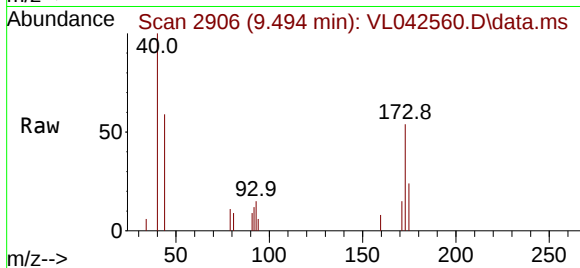
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion:173	Resp:	642
Ion Ratio	Lower	Upper
173	100	
175	37.4	39.2 58.8#
171	46.7	41.9 62.9



#50

4-Methyl-2-Pentanone

Concen: 0.003 ppbv

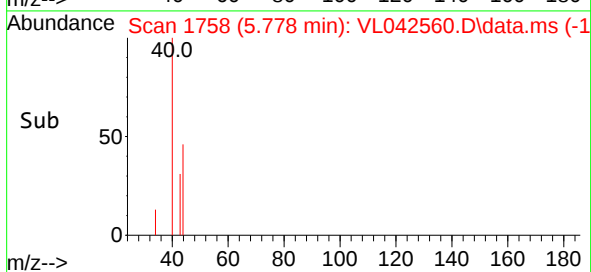
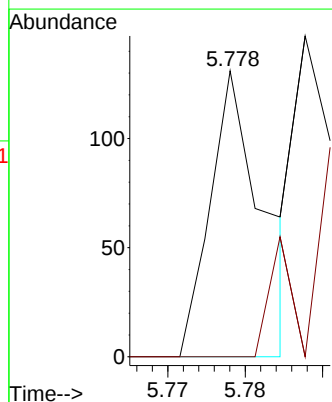
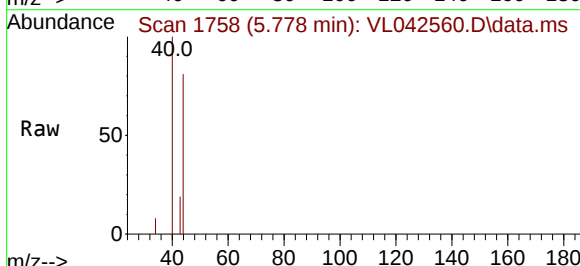
RT: 5.778 min Scan# 1758

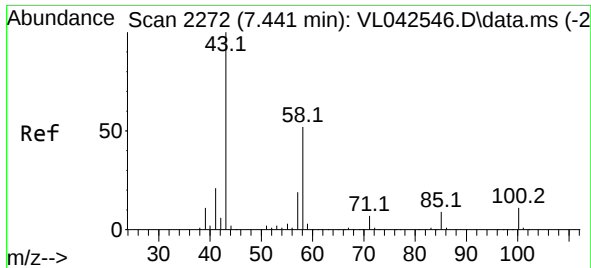
Delta R.T. 0.020 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Tgt Ion: 43	Resp:	62
Ion Ratio	Lower	Upper
43	100	
58	0.0	30.0 45.0#

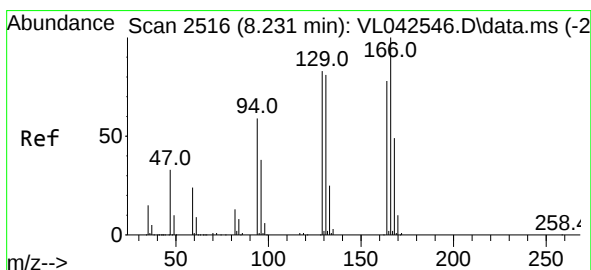
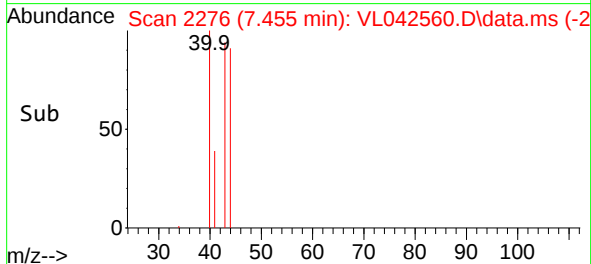
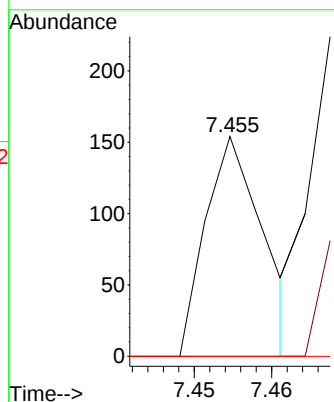
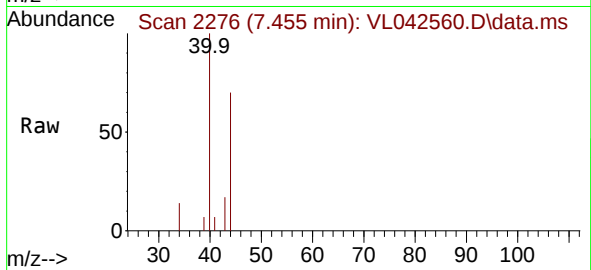




#51
2-Hexanone
Concen: 0.005 ppbv
RT: 7.455 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

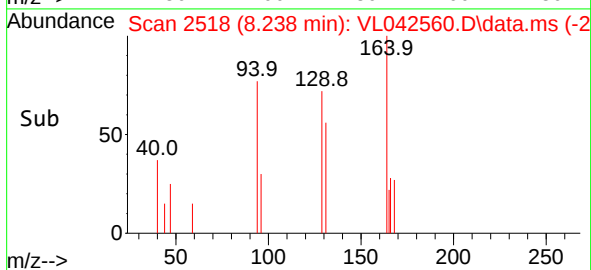
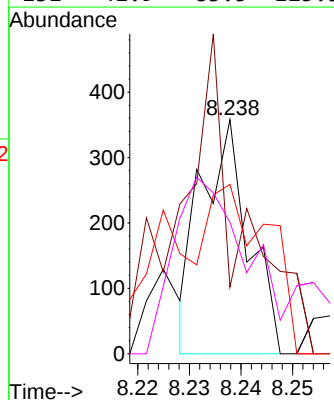
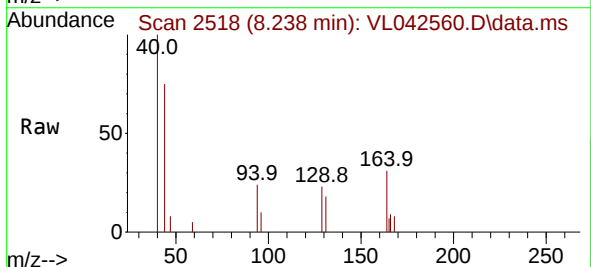
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

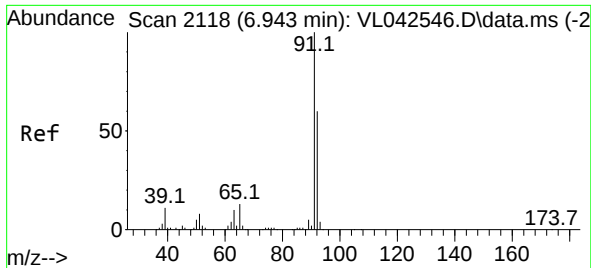
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
58 0.0 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.021 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 164 Resp: 228
Ion Ratio Lower Upper
164 100
166 0.0 103.1 154.7#
129 29.6 85.3 127.9#
131 41.9 83.5 125.3#

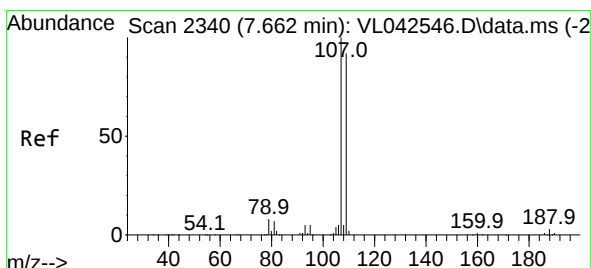
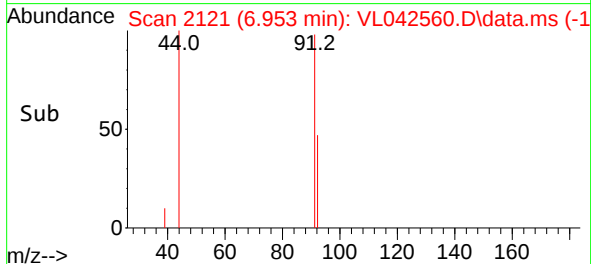
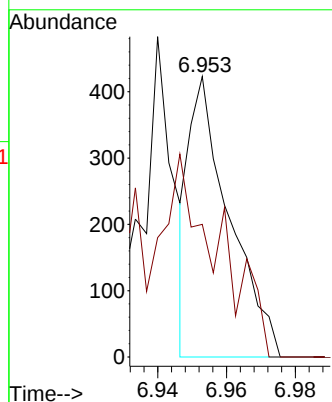
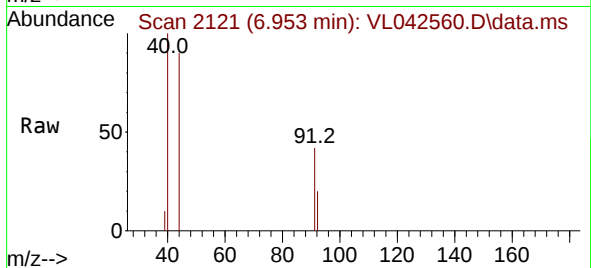




#53
Toluene
Concen: 0.011 ppbv
RT: 6.953 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

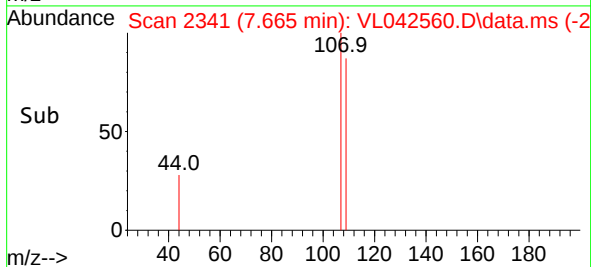
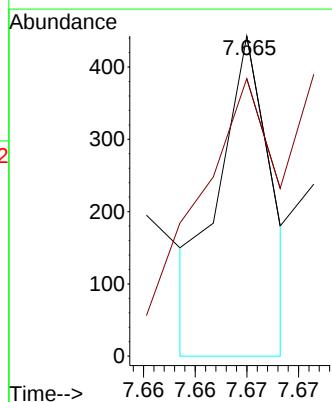
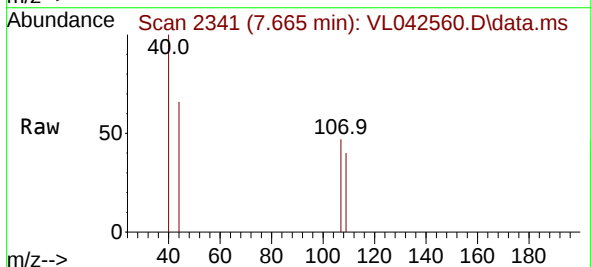
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

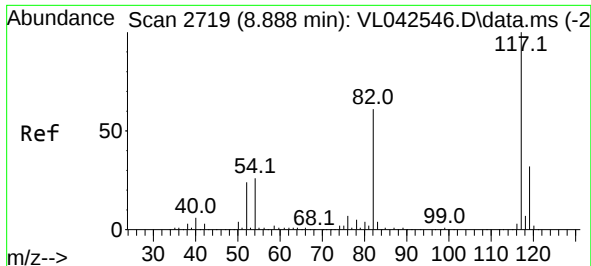
Tgt Ion: 91 Resp: 345
Ion Ratio Lower Upper
91 100
92 0.0 47.8 71.8#



#54
1,2-Dibromoethane
Concen: 0.009 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 107 Resp: 157
Ion Ratio Lower Upper
107 100
109 68.3 73.4 110.2#

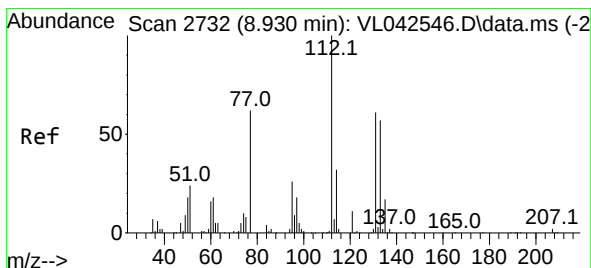
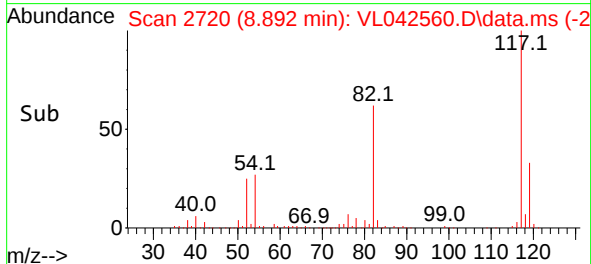
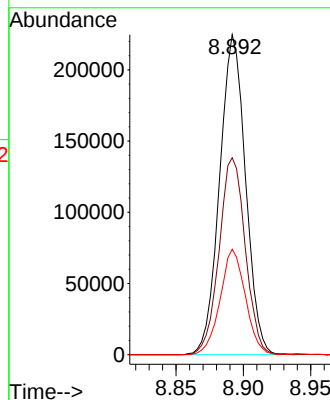
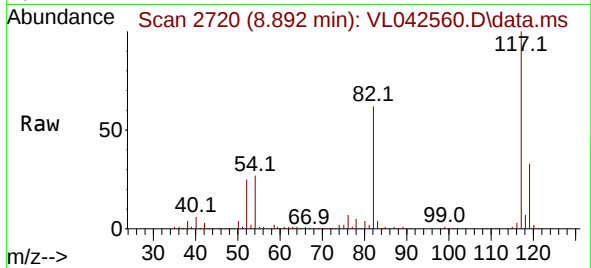




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.892 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

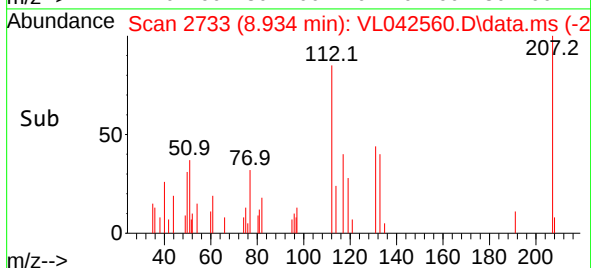
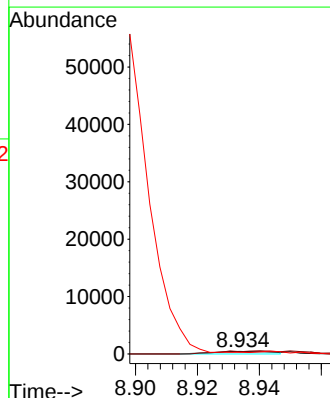
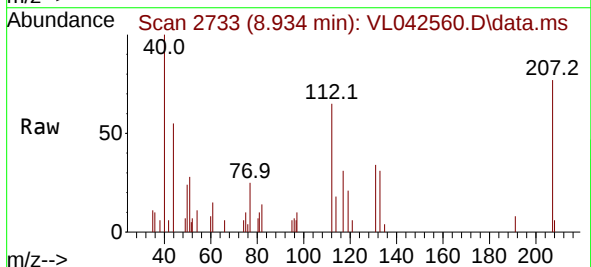
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

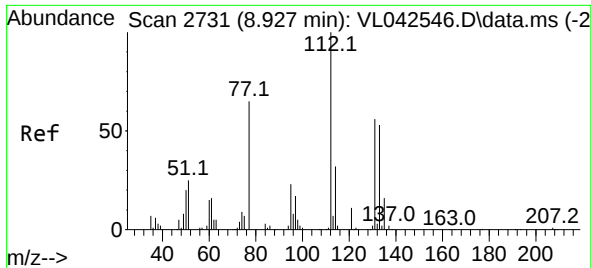
Tgt Ion:117 Resp: 300601
Ion Ratio Lower Upper
117 100
82 62.2 51.0 76.4
119 32.4 27.0 40.4



#56
1,1,1,2-Tetrachloroethane
Concen: 0.037 ppbv
RT: 8.934 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion:131 Resp: 585
Ion Ratio Lower Upper
131 100
133 179.7 76.3 114.5#
119 16630.4 47.5 71.3#

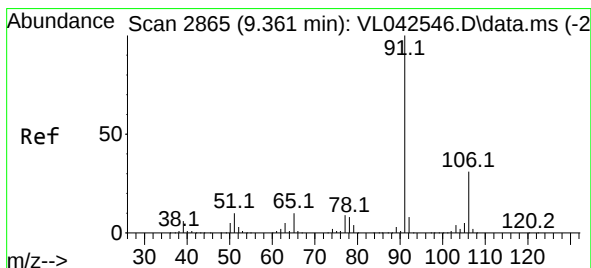
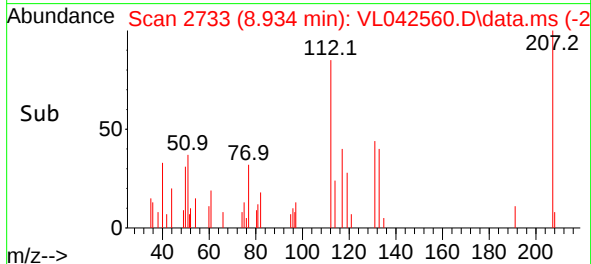
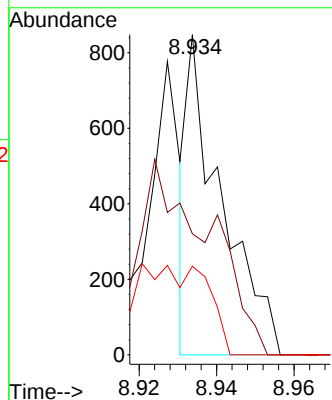
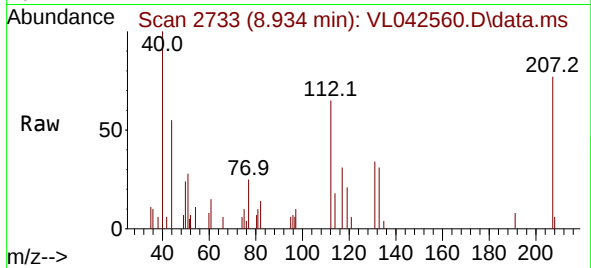




#57
Chlorobenzene
Concen: 0.019 ppbv
RT: 8.934 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

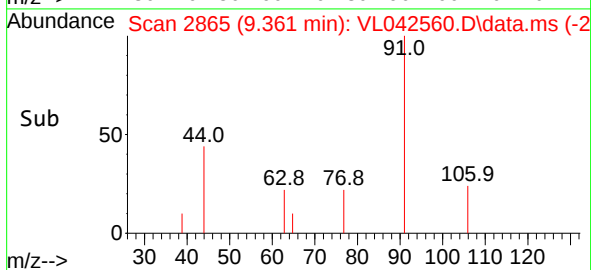
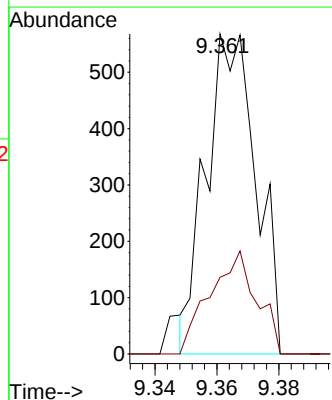
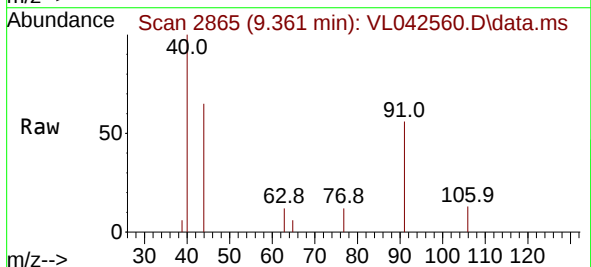
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

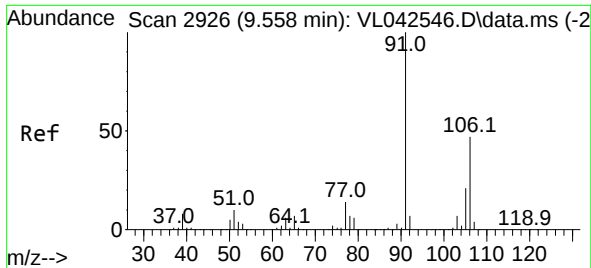
Tgt Ion:112 Resp: 522
Ion Ratio Lower Upper
112 100
77 37.9 53.2 79.8#
114 27.7 28.4 34.8#



#58
Ethyl Benzene
Concen: 0.016 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 91 Resp: 637
Ion Ratio Lower Upper
91 100
106 23.9 24.6 37.0#





#59

m/p-Xylene

Concen: 0.014 ppbv

RT: 9.562 min Scan# 2927

Delta R.T. 0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

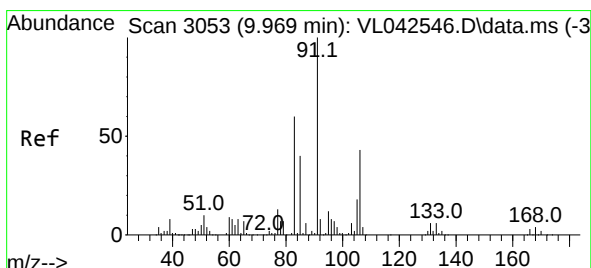
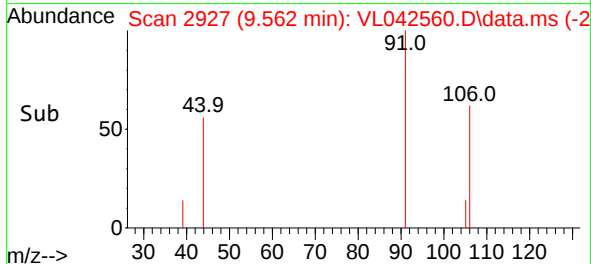
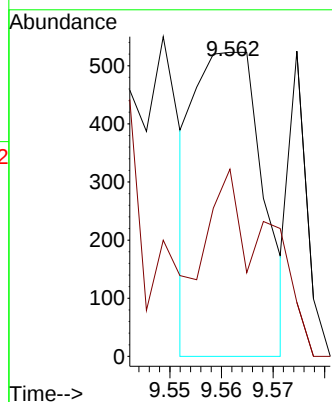
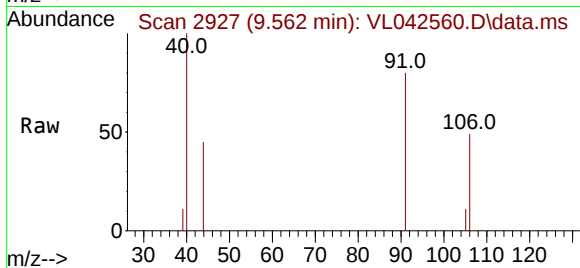
MDL 0.03

Tgt Ion: 91 Resp: 480

Ion Ratio Lower Upper

91 100

106 0.0 37.1 55.7#



#60

o-Xylene

Concen: 0.012 ppbv

RT: 9.973 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VL042560.D

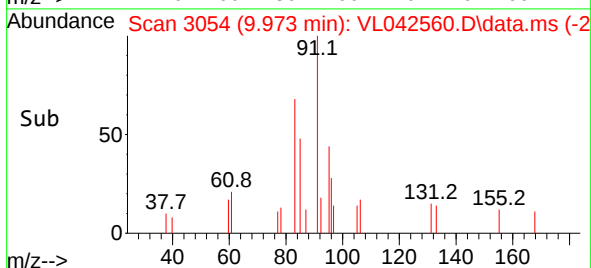
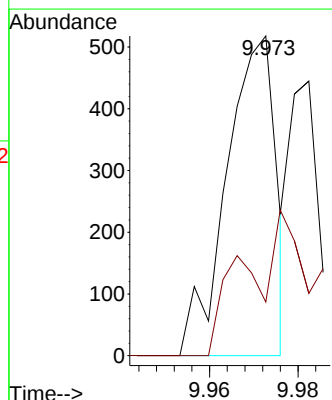
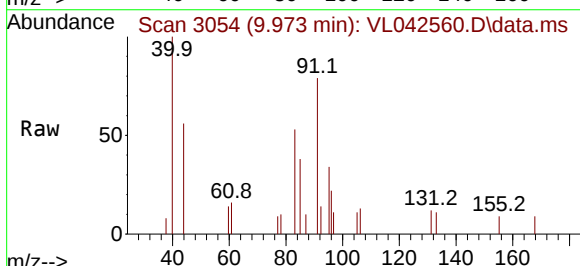
Acq: 21 May 2025 11:27

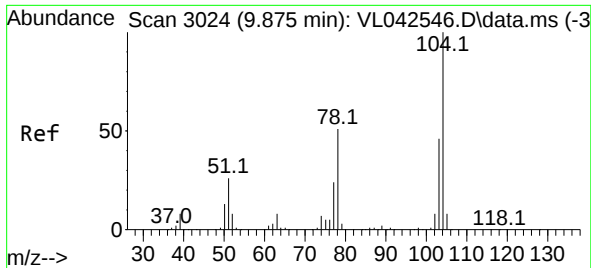
Tgt Ion: 91 Resp: 402

Ion Ratio Lower Upper

91 100

106 59.5 21.6 64.8

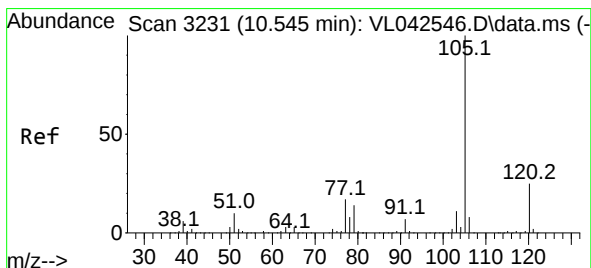
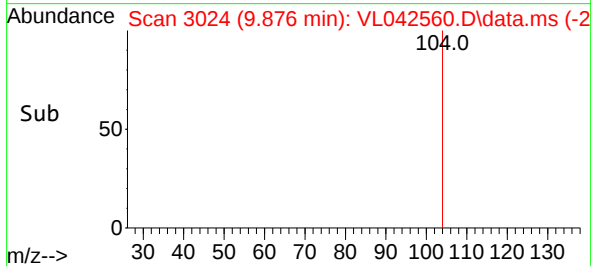
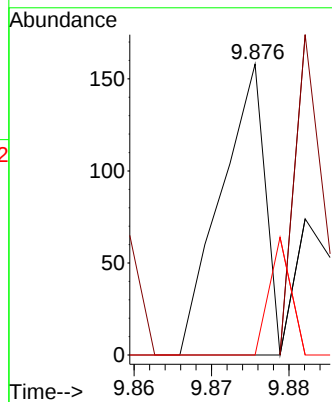
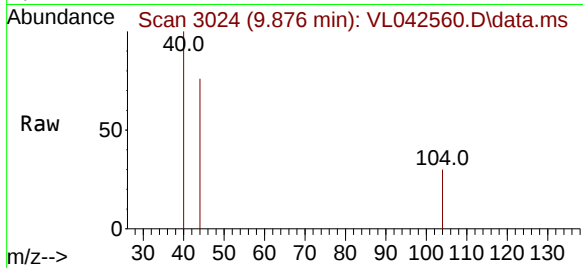




#61
Styrene
Concen: 0.005 ppbv
RT: 9.876 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

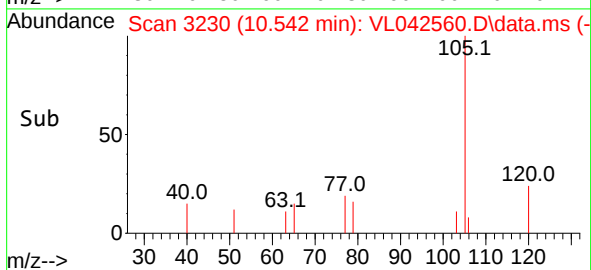
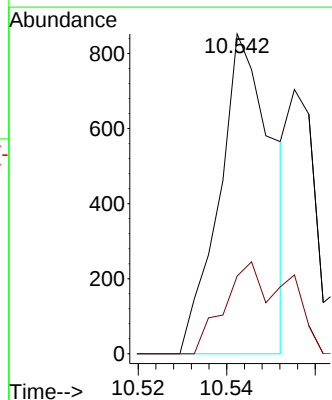
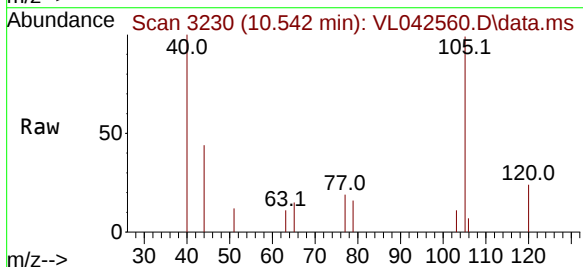
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

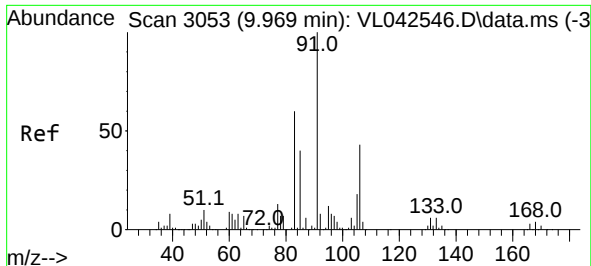
Tgt Ion:104 Resp: 63
Ion Ratio Lower Upper
104 100
78 69.8 39.2 58.8#
103 0.0 37.1 55.7#



#62
Isopropylbenzene
Concen: 0.014 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion:105 Resp: 704
Ion Ratio Lower Upper
105 100
120 34.5 20.0 30.0#





#63

1,1,2-Tetrachloroethane

Concen: 0.016 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

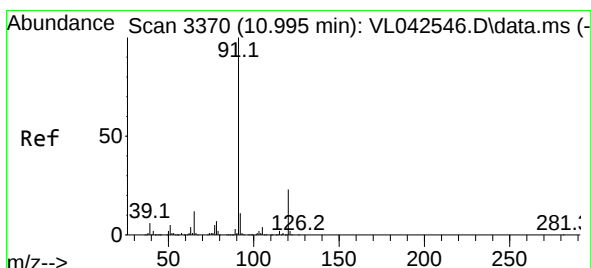
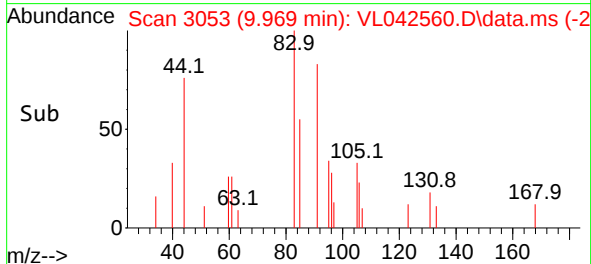
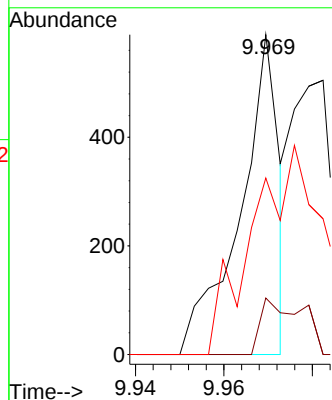
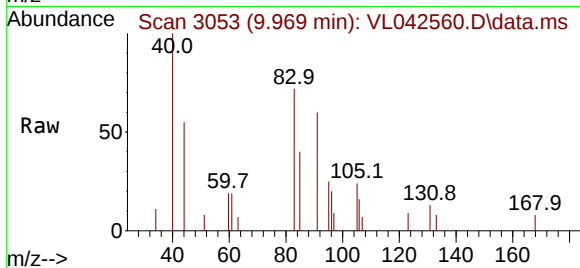
Tgt Ion: 83 Resp: 363

Ion Ratio Lower Upper

83 100

131 18.5 5.1 15.3#

85 0.0 32.5 97.4#



#64

n-propylbenzene

Concen: 0.012 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.000 min

Lab File: VL042560.D

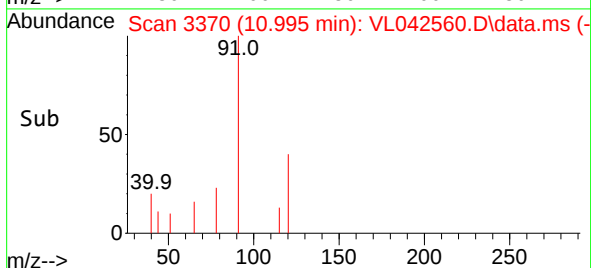
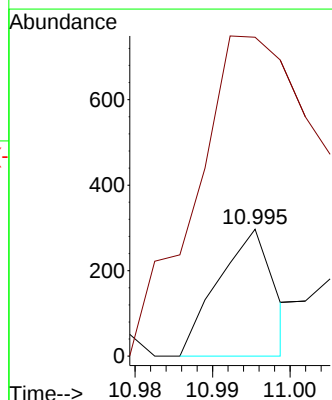
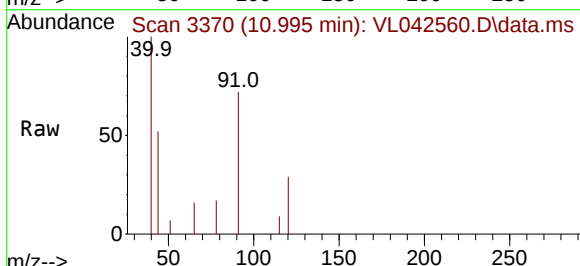
Acq: 21 May 2025 11:27

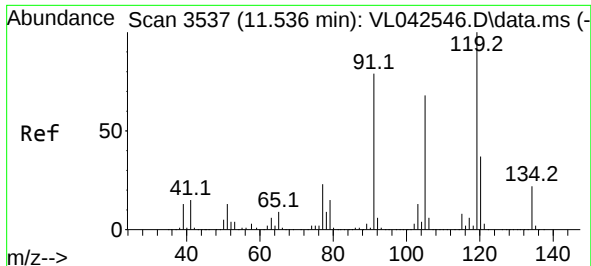
Tgt Ion: 120 Resp: 150

Ion Ratio Lower Upper

120 100

91 644.0 367.0 550.4#

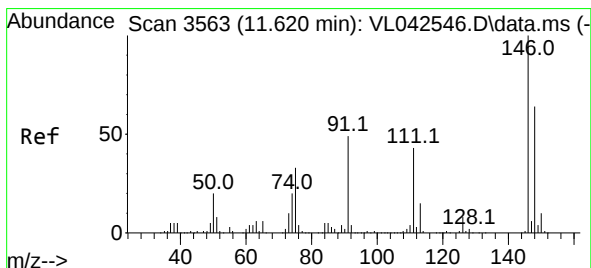
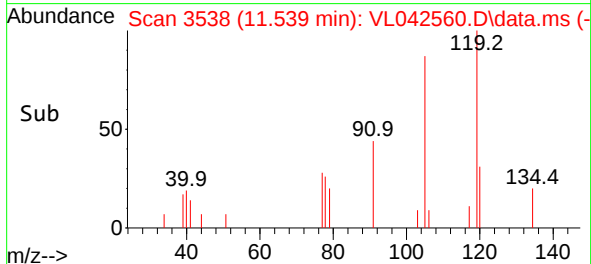
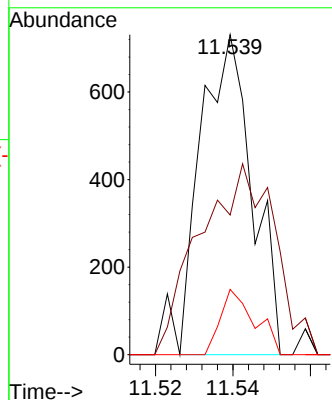
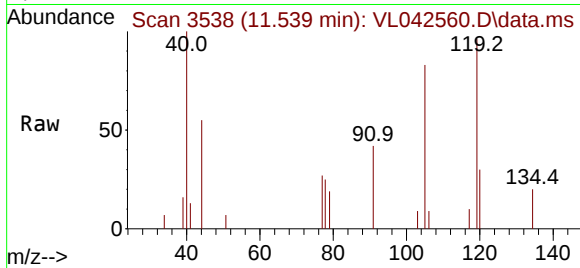




#65
tert-Butylbenzene
Concen: 0.015 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

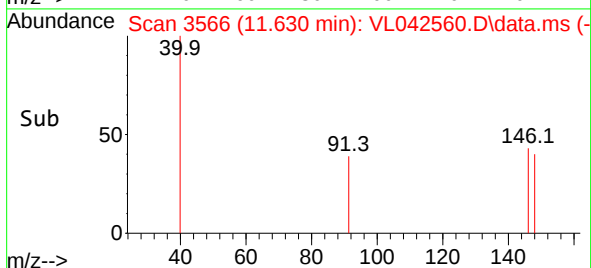
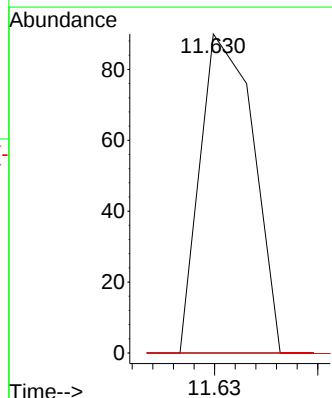
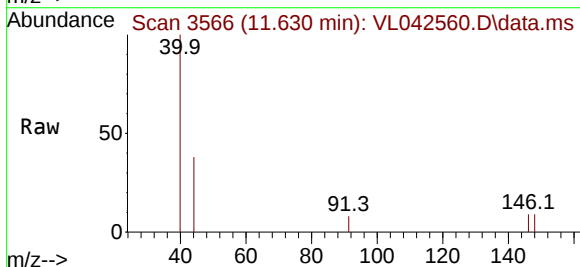
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

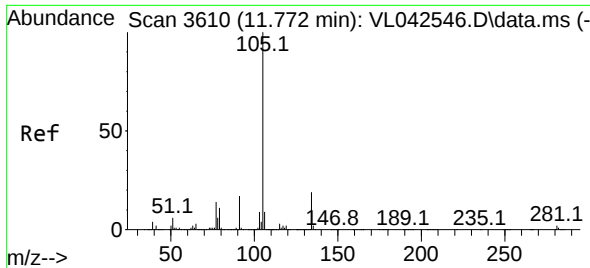
Tgt Ion:119 Resp: 670
Ion Ratio Lower Upper
119 100
91 87.2 62.7 94.1
134 13.7 16.8 25.2#



#66
Benzyl Chloride
Concen: 0.006 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.010 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 91 Resp: 32
Ion Ratio Lower Upper
91 100
126 0.0 14.2 21.2#
128 0.0 4.6 6.8#

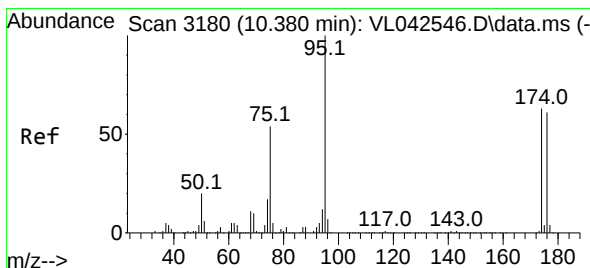
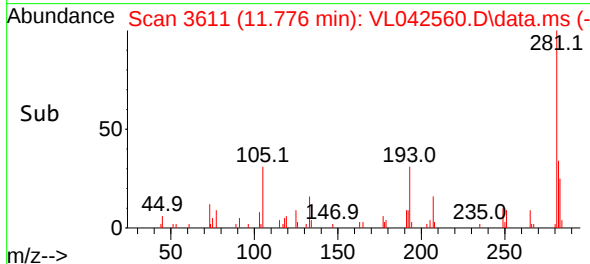
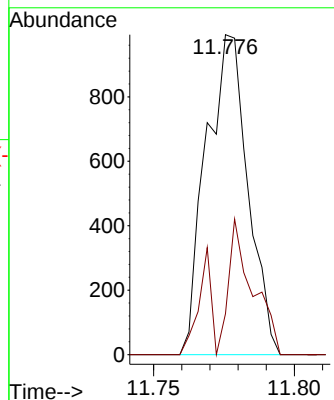
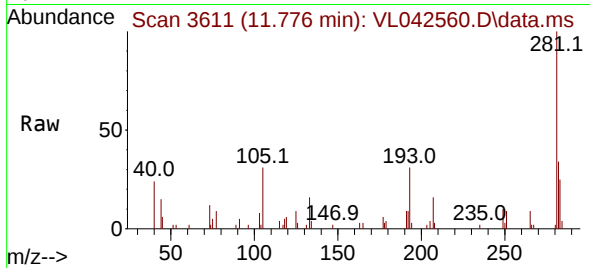




#67
 sec-Butylbenzene
 Concen: 0.016 ppbv
 RT: 11.776 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

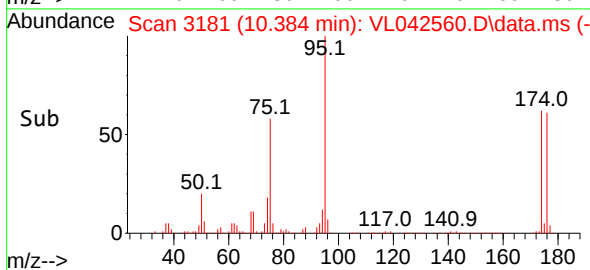
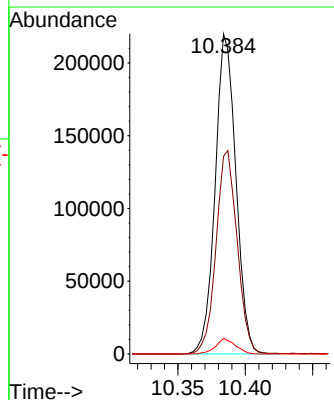
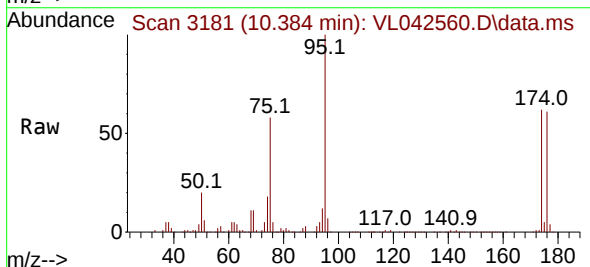
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

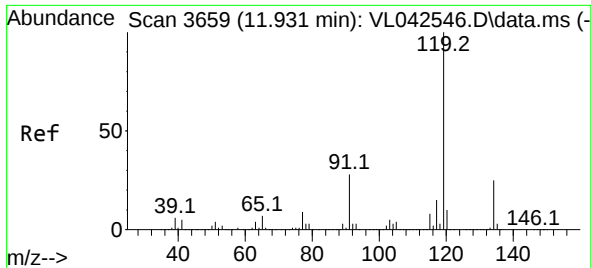
Tgt Ion:105 Resp: 1024
 Ion Ratio Lower Upper
 105 100
 134 34.6 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.793 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL042560.D
 Acq: 21 May 2025 11:27

Tgt Ion: 95 Resp: 235594
 Ion Ratio Lower Upper
 95 100
 174 65.2 52.0 78.0
 175 4.6 3.8 5.6

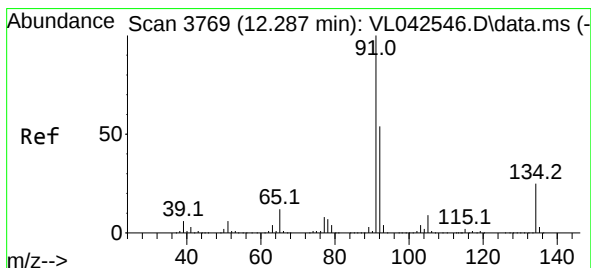
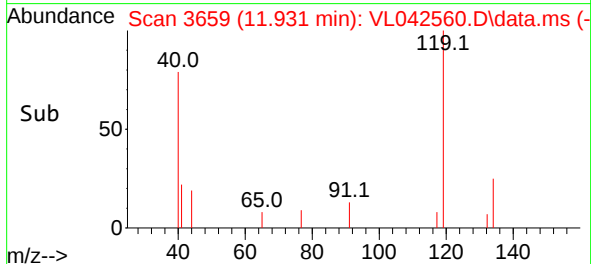
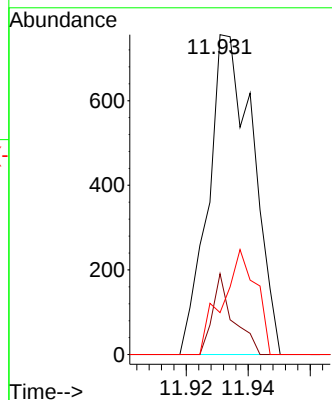
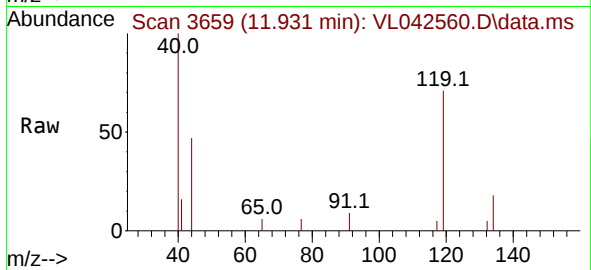




#69
p-Isopropyltoluene
Concen: 0.014 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

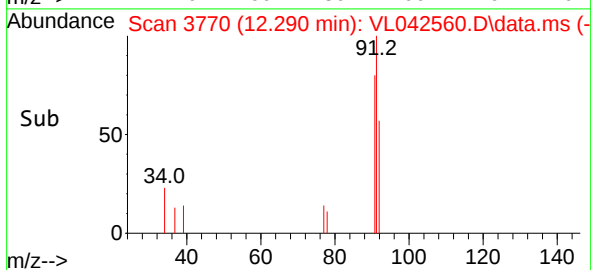
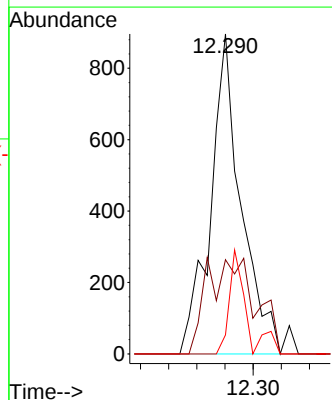
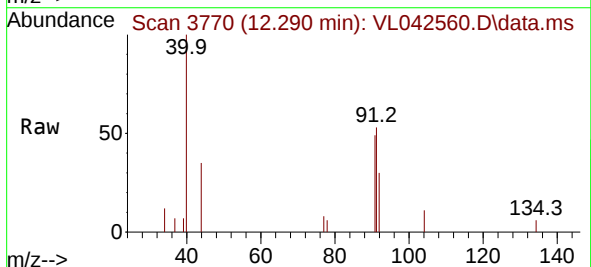
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

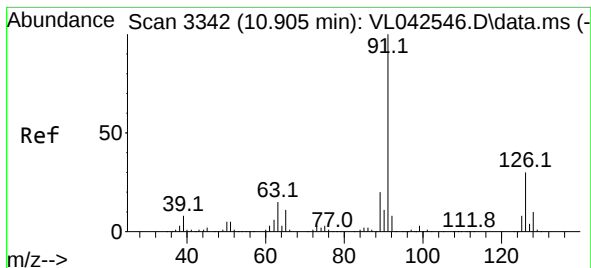
Tgt Ion:119 Resp: 755
Ion Ratio Lower Upper
119 100
134 11.8 20.1 30.1#
91 24.9 22.3 33.5



#70
n-Butylbenzene
Concen: 0.013 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion: 91 Resp: 674
Ion Ratio Lower Upper
91 100
92 47.5 43.8 65.6
134 18.1 19.7 29.5#





#71

2-Chlorotoluene

Concen: 0.021 ppbv

RT: 10.911 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

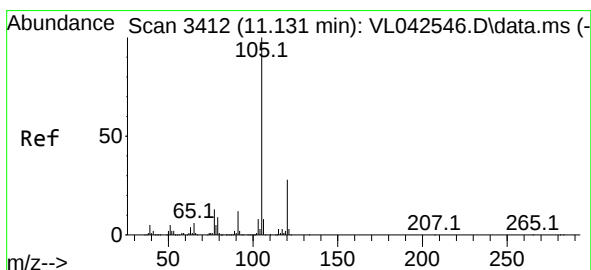
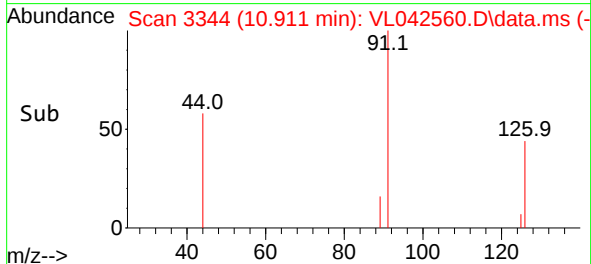
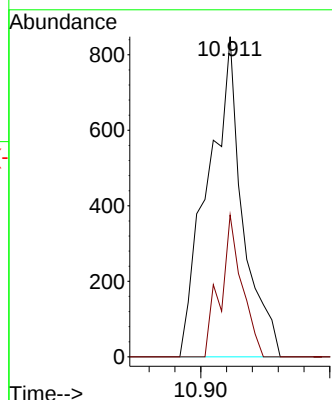
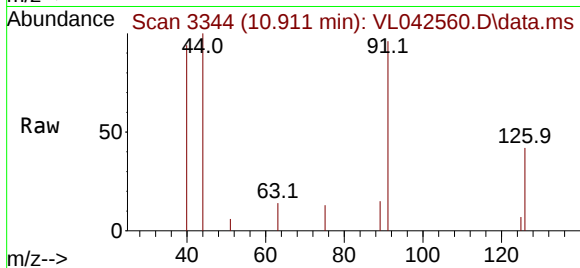
MDL 0.03

Tgt Ion: 91 Resp: 787

Ion Ratio Lower Upper

91 100

126 27.6 12.4 49.4



#72

4-Ethyltoluene

Concen: 0.008 ppbv

RT: 11.135 min Scan# 3413

Delta R.T. 0.003 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Tgt Ion: 105 Resp: 318

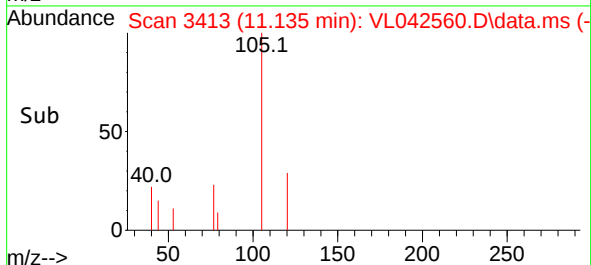
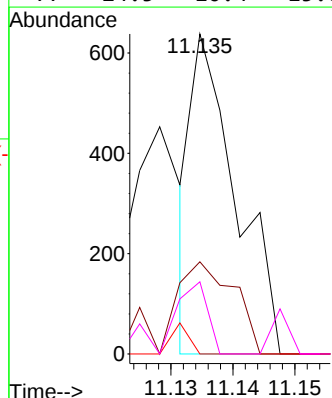
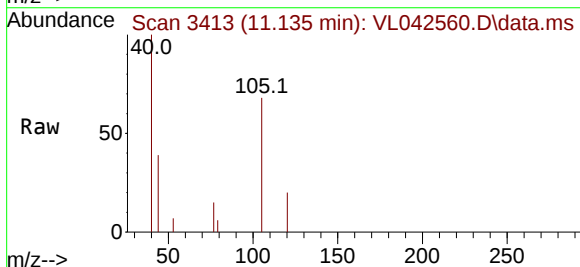
Ion Ratio Lower Upper

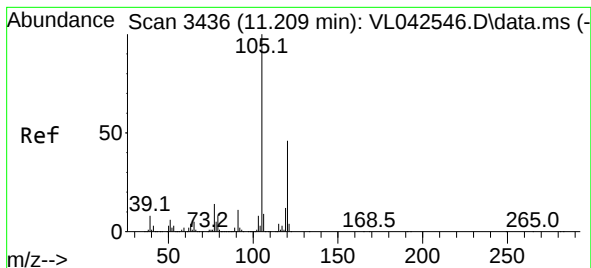
105 100

120 48.4 23.4 35.0#

91 0.0 10.2 15.4#

77 24.5 10.4 15.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.019 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. 0.000 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

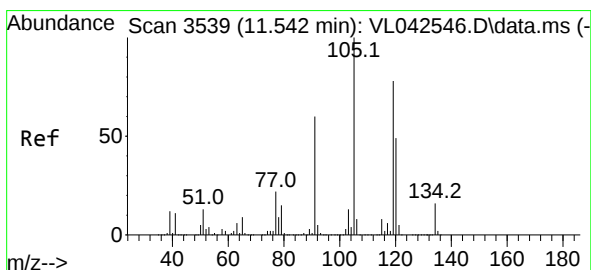
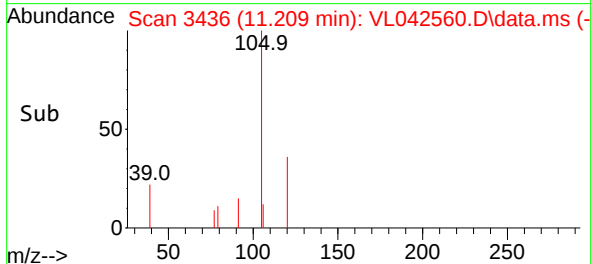
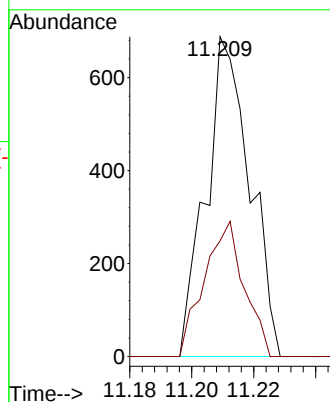
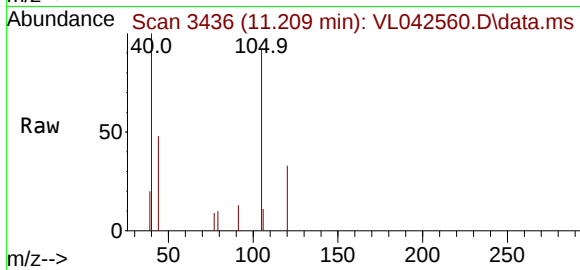
MDL 0.03

Tgt Ion:105 Resp: 676

Ion Ratio Lower Upper

105 100

120 36.2 36.5 54.7#



#74

1,2,4-Trimethylbenzene

Concen: 0.022 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Tgt Ion:105 Resp: 925

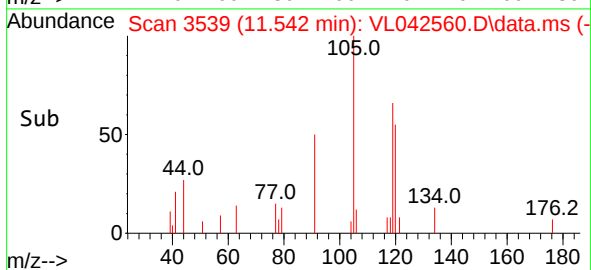
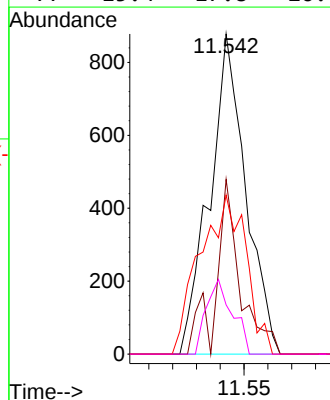
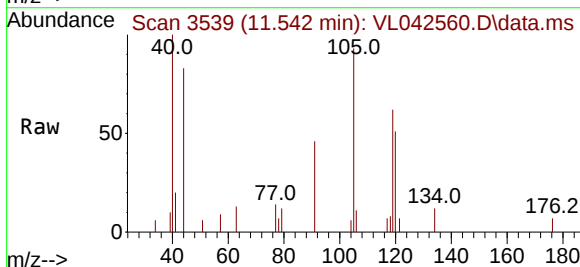
Ion Ratio Lower Upper

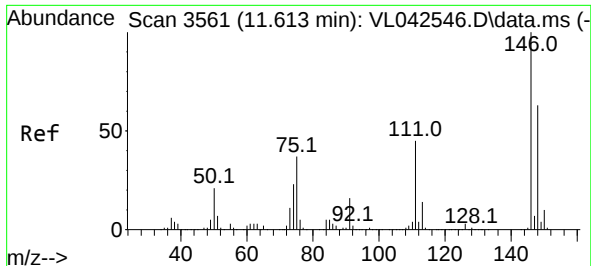
105 100

120 54.6 39.4 59.0

91 49.7 47.8 71.8

77 15.4 17.8 26.6#

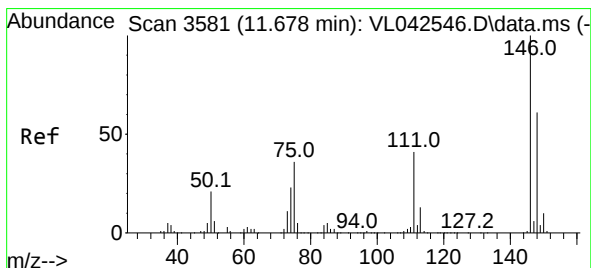
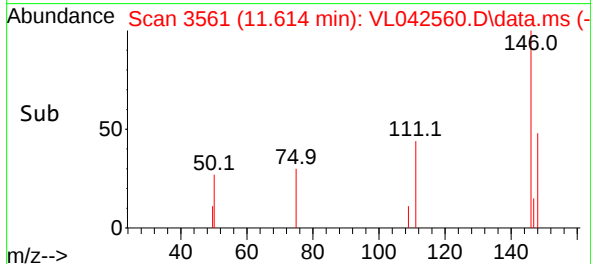
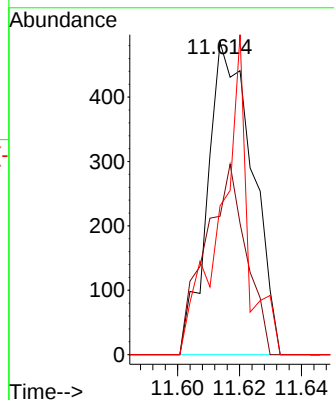
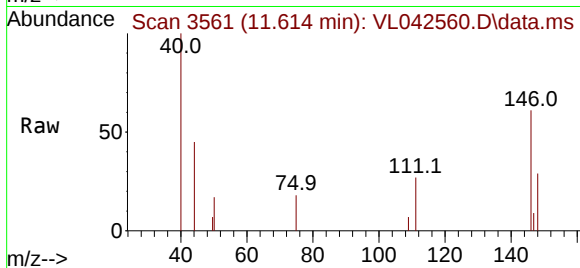




#75
1,3-Dichlorobenzene
Concen: 0.018 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

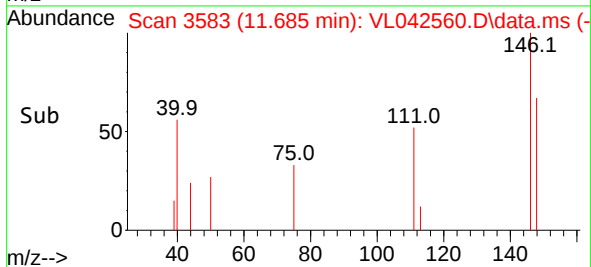
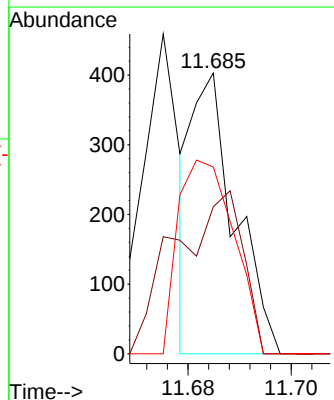
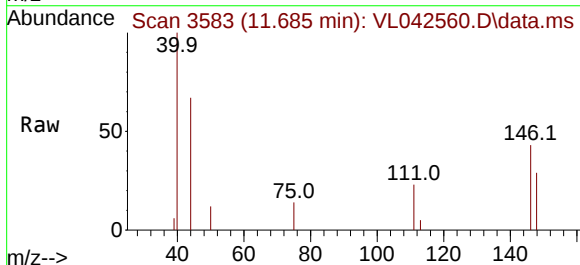
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

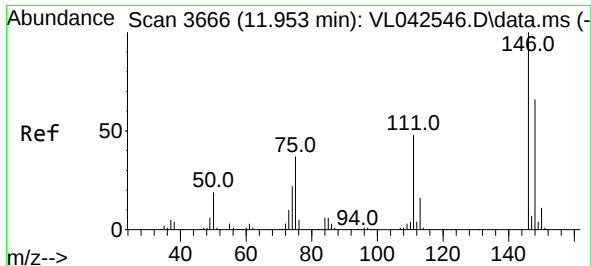
Tgt Ion:146 Resp: 486
Ion Ratio Lower Upper
146 100
111 55.8 22.8 68.4
148 62.1 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 0.009 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.007 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion:146 Resp: 232
Ion Ratio Lower Upper
146 100
111 92.2 21.8 65.3#
148 90.1 31.4 94.3

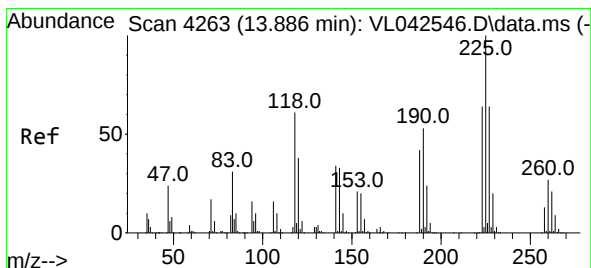
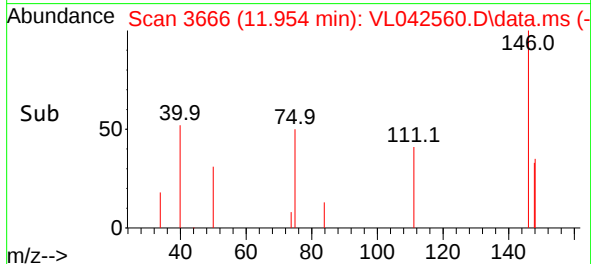
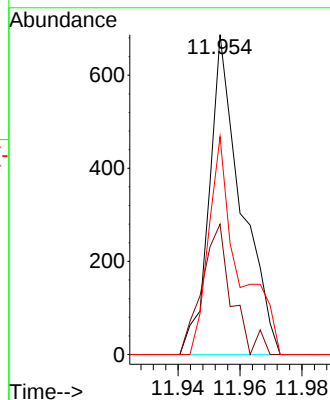
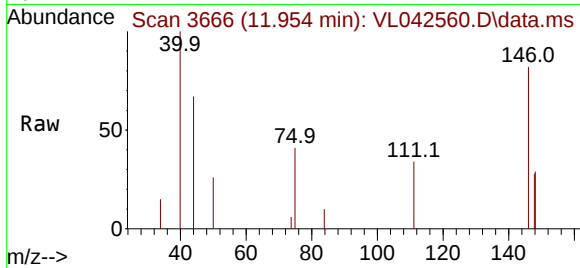




#77
1,2-Dichlorobenzene
Concen: 0.019 ppbv
RT: 11.954 min Scan# 3666
Delta R.T. 0.000 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

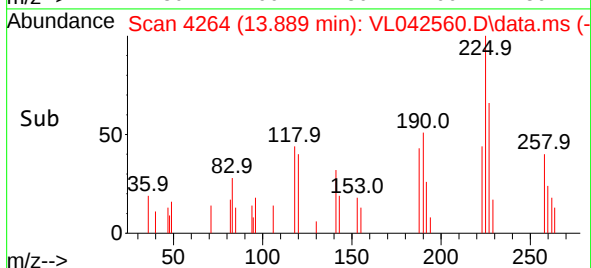
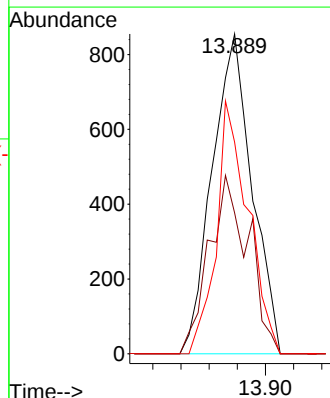
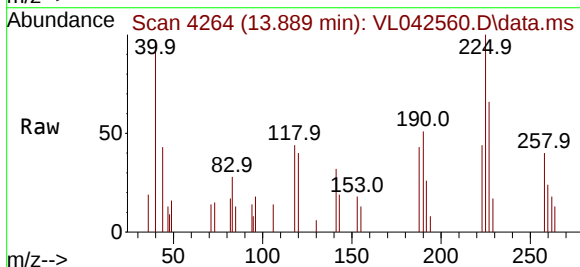
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

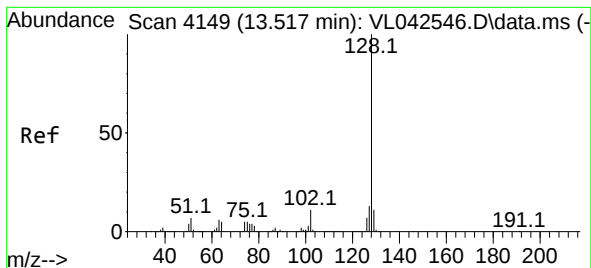
Tgt Ion:146	Resp:	493
Ion	Ratio	Lower Upper
146	100	
111	38.1	23.7 71.1
148	64.3	32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 0.039 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL042560.D
Acq: 21 May 2025 11:27

Tgt Ion:225	Resp:	840
Ion	Ratio	Lower Upper
225	100	
223	55.1	51.0 76.6
227	62.9	50.2 75.4





#79

Naphthalene

Concen: 0.009 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. 0.007 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

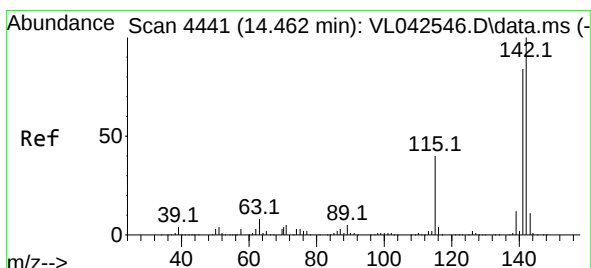
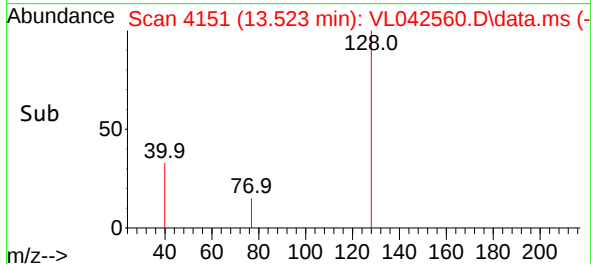
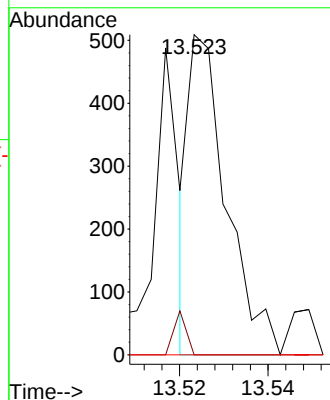
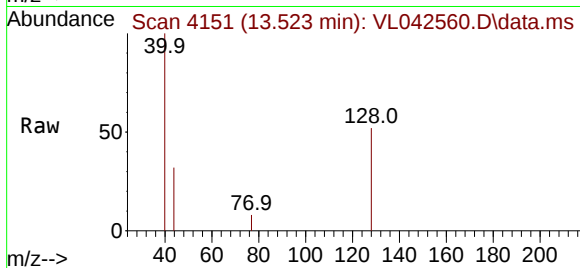
Tgt Ion:128 Resp: 303

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 9.0 13.4#



#80

Naphthalene,2-methyl-

Concen: 0.005 ppbv

RT: 14.481 min Scan# 4447

Delta R.T. 0.020 min

Lab File: VL042560.D

Acq: 21 May 2025 11:27

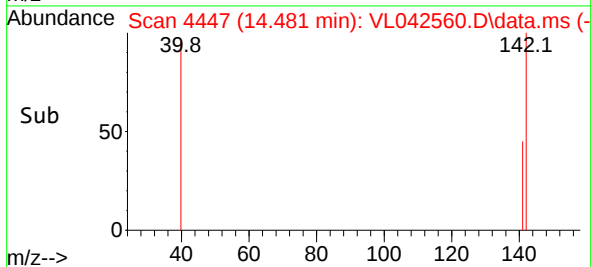
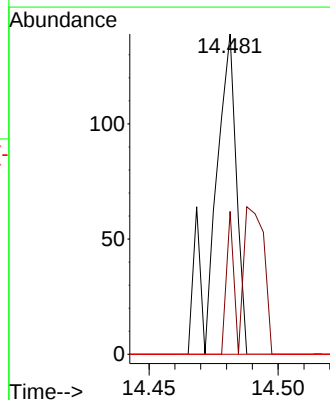
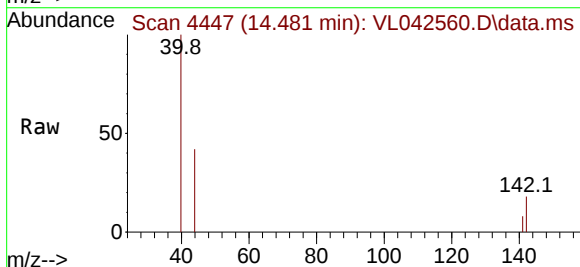
Tgt Ion:142 Resp: 83

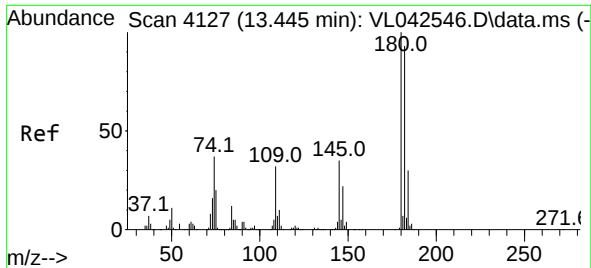
Ion Ratio Lower Upper

142 100

141 56.6 67.4 101.0#

115 0.0 31.5 47.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.006 ppbv

RT: 13.449 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042560.D

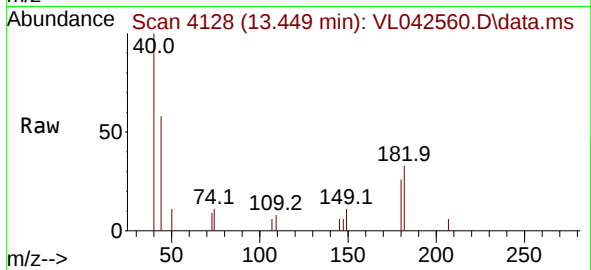
Acq: 21 May 2025 11:27

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03



Tgt Ion:180 Resp: 118

Ion Ratio Lower Upper

180 100

182 242.4 75.6 113.4#

184 0.0 23.7 35.5#

