

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042464.D
 Acq On : 01 May 2025 12:15
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: May 02 01:44:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	64365	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	174433	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	145955	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	137362	10.151	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	419	0.039	ppbv #	70
3) Chlorodifluoromethane	1.476	51	298	0.026	ppbv #	53
4) Chloromethane	1.538	50	170	0.038	ppbv #	45
5) Vinyl Chloride	1.580	62	162	0.036	ppbv #	44
6) Bromomethane	1.670	94	11	0.005	ppbv #	6
7) Chloroethane	1.703	64	191	0.115	ppbv #	43
8) Dichlorotetrafluoroethane	1.554	85	362	0.041	ppbv	98
9) Propene	1.551	41	396	0.108	ppbv	93
10) Heptane	4.985	43	61	0.006	ppbv #	26
11) Trichlorofluoromethane	1.874	101	399	0.042	ppbv #	61
12) 1,1,2-Trichlorotrifluo...	2.140	101	318	0.041	ppbv	97
13) Ethanol	1.725	45	236	0.316	ppbv #	37
14) Bromoethene	1.784	108	118	0.041	ppbv #	5
15) Acetone	1.835	43	1428	0.122	ppbv	99
16) 1,3-Butadiene	1.606	39	499	0.096	ppbv	89
17) tert-Butyl alcohol	2.043	59	518	0.050	ppbv #	78
18) 1,1-Dichloroethene	2.033	96	126	0.034	ppbv #	1
19) Isopropyl Alcohol	1.887	45	490	0.075	ppbv #	94
20) Methylene Chloride	2.062	84	687	0.194	ppbv #	55
21) Allyl Chloride	2.091	41	524	0.069	ppbv #	4
22) trans-1,2-Dichloroethene	2.347	96	77	0.018	ppbv #	91
23) Vinyl Acetate	2.463	43	402	0.037	ppbv #	1
24) 1,1-Dichloroethane	2.412	63	265	0.030	ppbv #	90
25) Ethyl Acetate	2.839	43	134	0.007	ppbv #	75
26) Hexane	2.823	57	271	0.033	ppbv #	1
27) Carbon Disulfide	2.149	76	438	0.046	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	196	0.040	ppbv #	67
29) Chloroform	2.855	83	124	0.008	ppbv #	51
30) Cyclohexane	3.865	84	39	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	139	0.015	ppbv #	37
32) 1,1,1-Trichloroethane	3.373	97	381	0.023	ppbv #	79
34) 2-Butanone	2.567	43	463	0.037	ppbv #	90
35) Carbon Tetrachloride	3.758	117	213	0.014	ppbv	89
36) Benzene	3.664	78	119	0.007	ppbv #	49
37) 1,2-Dichloroethane	3.224	62	171	0.013	ppbv #	84
38) Trichloroethene	4.544	130	45	0.007	ppbv #	31
39) 1,2-Dichloropropane	3.962	63	51677	8.380	ppbv #	21
40) 1,4-Dioxane	4.904	88	33	0.012	ppbv #	100
41) Tetrahydrofuran	3.072	42	30	0.005	ppbv #	24
42) Bromodichloromethane	4.489	83	112	0.007	ppbv #	24
43) Methyl Methacrylate	4.891	69	105	0.017	ppbv #	46
44) 2,2,4-Trimethylpentane	4.642	57	160	0.006	ppbv #	1
45) t-1,3-Dichloropropene	6.418	75	24	0.003	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042464.D
 Acq On : 01 May 2025 12:15
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

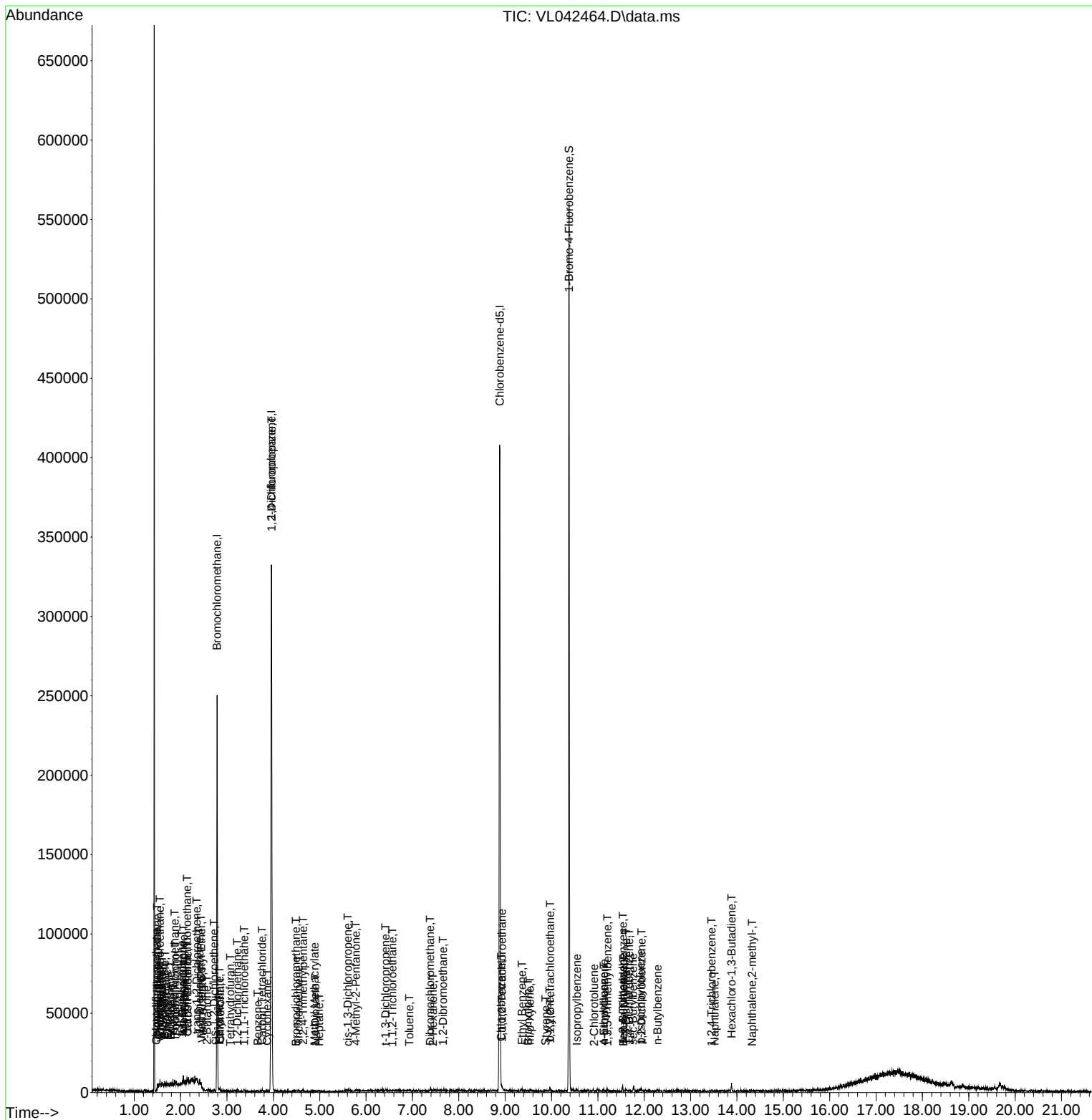
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

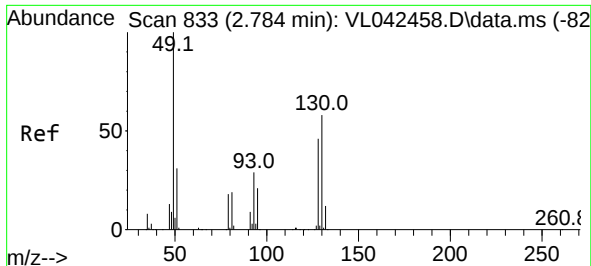
Quant Time: May 02 01:44:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.603	75	37	0.004	ppbv	#	24
47) 1,1,2-Trichloroethane	6.571	97	29	0.004	ppbv	#	19
48) Dibromochloromethane	7.383	129	174	0.015	ppbv	#	35
49) Bromoform	9.490	173	128	0.013	ppbv	#	71
50) 4-Methyl-2-Pentanone	5.781	43	176	0.011	ppbv	#	60
51) 2-Hexanone	7.444	43	13	0.001	ppbv	#	31
53) Toluene	6.933	91	183	0.011	ppbv	#	21
54) 1,2-Dibromoethane	7.658	107	143	0.014	ppbv		85
56) 1,1,1,2-Tetrachloroethane	8.930	131	190	0.022	ppbv	#	10
57) Chlorobenzene	8.917	112	271	0.018	ppbv	#	52
58) Ethyl Benzene	9.361	91	230	0.009	ppbv		92
59) m/p-Xylene	9.532	91	181	0.009	ppbv	#	1
60) o-Xylene	9.963	91	392	0.019	ppbv		80
61) Styrene	9.872	104	98	0.013	ppbv	#	32
62) Isopropylbenzene	10.548	105	317	0.011	ppbv	#	52
63) 1,1,2,2-Tetrachloroethane	9.969	83	331	0.025	ppbv	#	96
64) n-propylbenzene	11.134	120	13	0.002	ppbv		87
65) tert-Butylbenzene	11.542	119	104	0.004	ppbv	#	1
66) Benzyl Chloride	11.552	91	29	0.010	ppbv	#	1
67) sec-Butylbenzene	11.756	105	191	0.005	ppbv		96
69) p-Isopropyltoluene	11.924	119	563	0.018	ppbv	#	91
70) n-Butylbenzene	12.287	91	151	0.005	ppbv	#	1
71) 2-Chlorotoluene	10.917	91	32	0.001	ppbv		91
72) 4-Ethyltoluene	11.128	105	134	0.006	ppbv	#	44
73) 1,3,5-Trimethylbenzene	11.209	105	120	0.006	ppbv		97
74) 1,2,4-Trimethylbenzene	11.542	105	481	0.019	ppbv	#	55
75) 1,3-Dichlorobenzene	11.604	146	269	0.019	ppbv	#	30
76) 1,4-Dichlorobenzene	11.675	146	134	0.010	ppbv	#	54
77) 1,2-Dichlorobenzene	11.943	146	223	0.016	ppbv	#	44
78) Hexachloro-1,3-Butadiene	13.882	225	239	0.017	ppbv	#	1
79) Naphthalene	13.516	128	329	0.015	ppbv	#	70
80) Naphthalene,2-methyl-	14.322	142	15	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	13.448	180	69	0.006	ppbv	#	39

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

Quant Time: May 02 01:44:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration

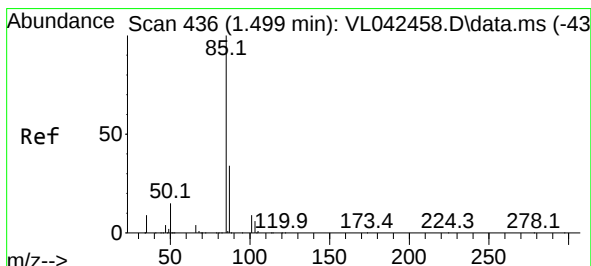
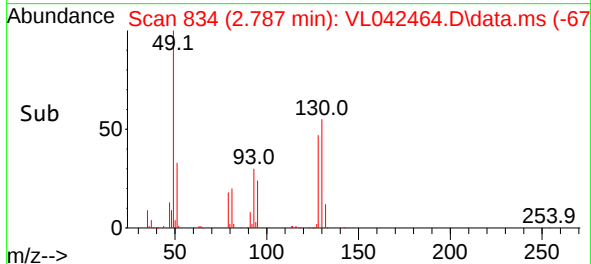
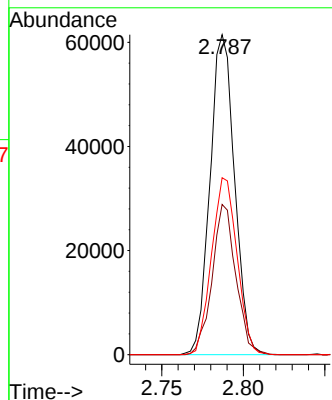
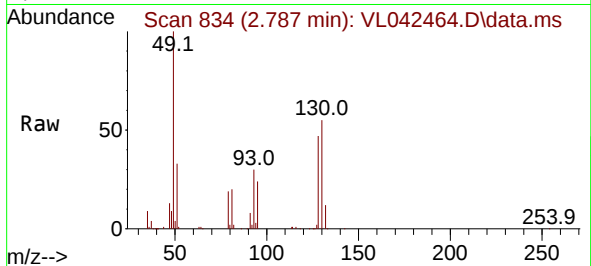




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

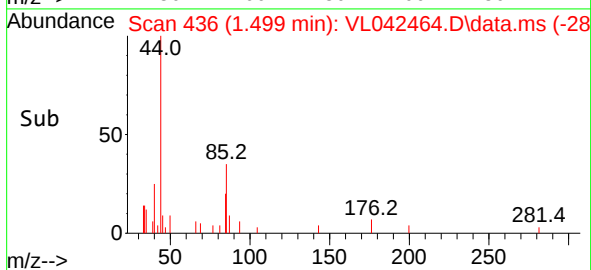
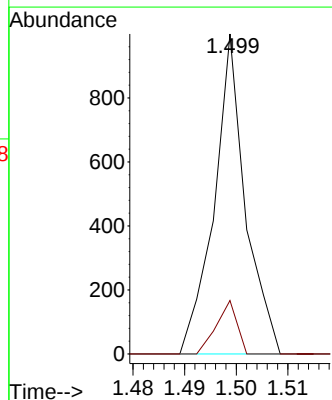
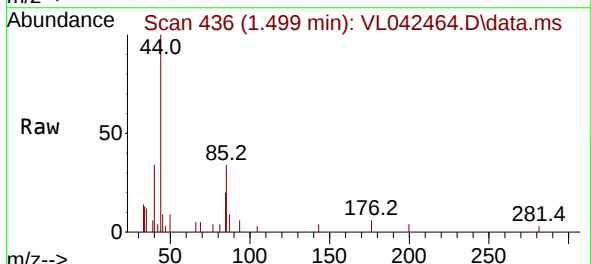
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

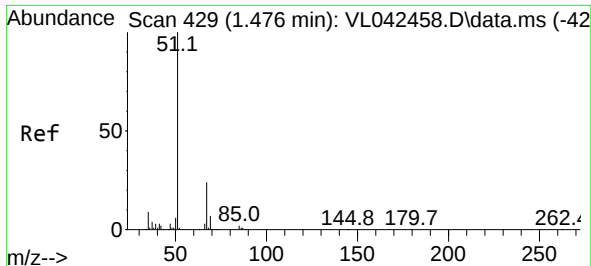
Tgt Ion: 49 Resp: 64365
Ion Ratio Lower Upper
49 100
128 45.3 23.3 69.9
130 57.4 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.039 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 85 Resp: 419
Ion Ratio Lower Upper
85 100
87 16.7 26.9 40.3#

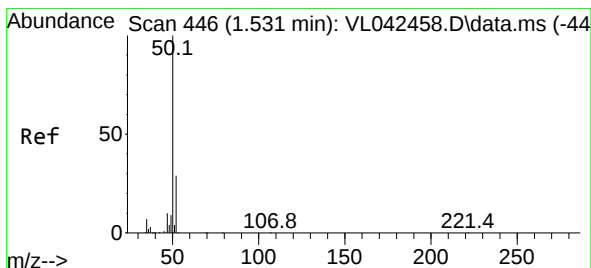
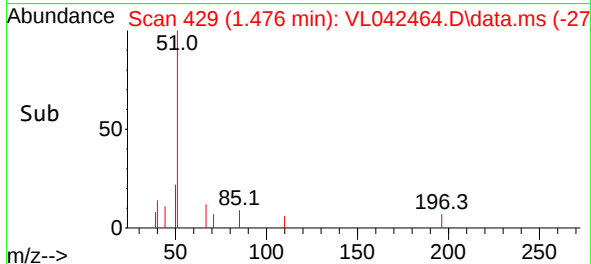
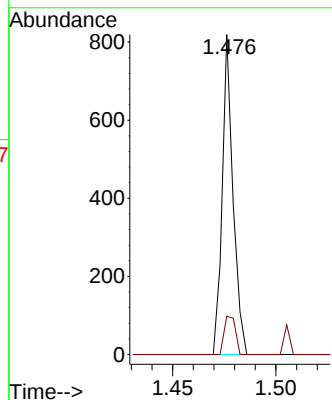
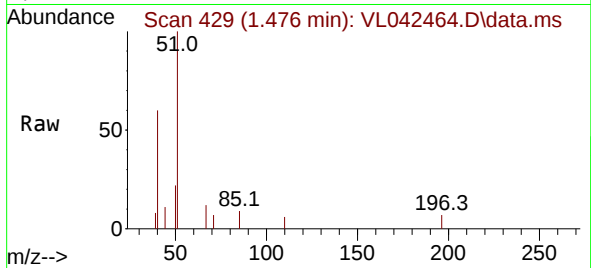




#3
Chlorodifluoromethane
Concen: 0.026 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

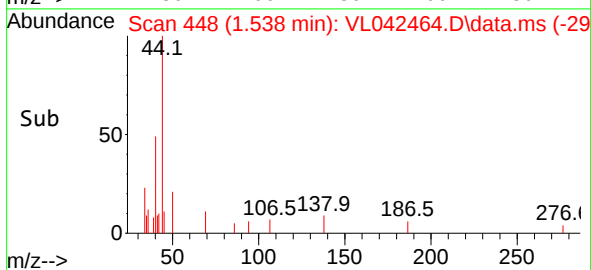
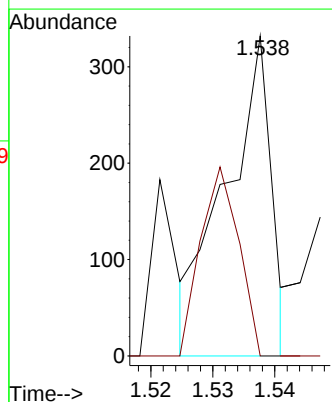
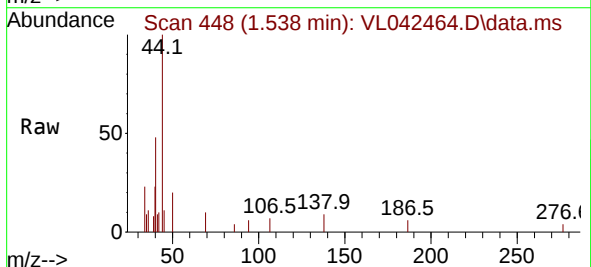
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

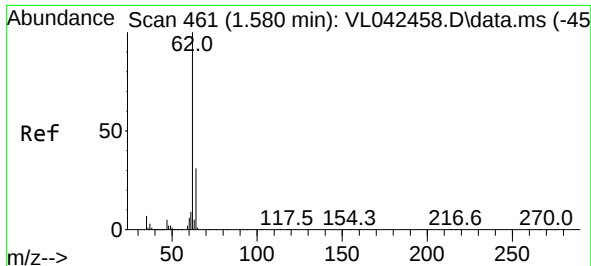
Tgt Ion: 51 Resp: 298
Ion Ratio Lower Upper
51 100
67 0.0 18.4 27.6#



#4
Chloromethane
Concen: 0.038 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 23.5 35.3#

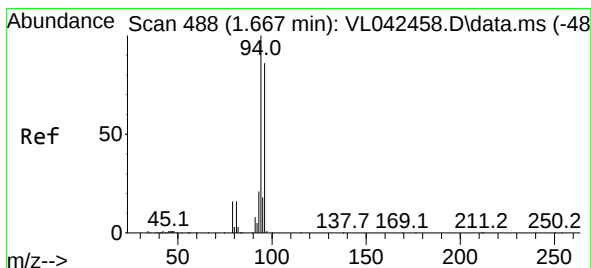
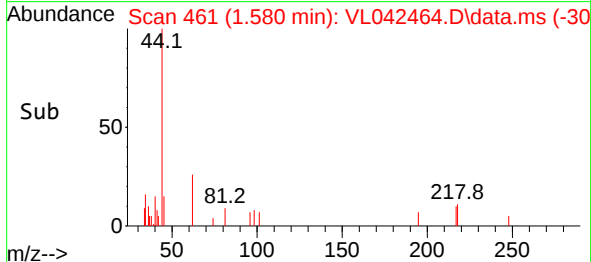
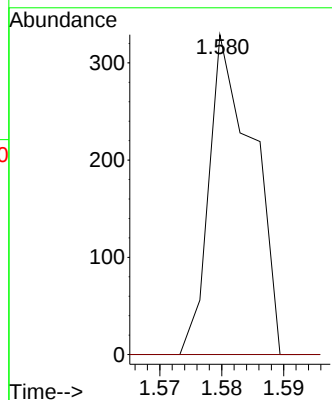
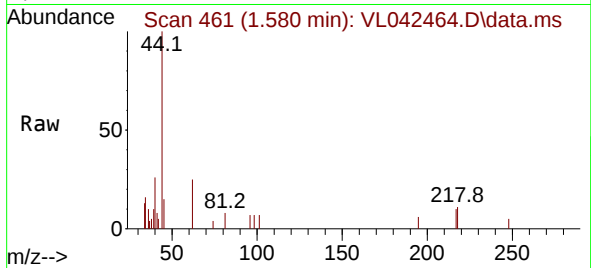




#5
 Vinyl Chloride
 Concen: 0.036 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

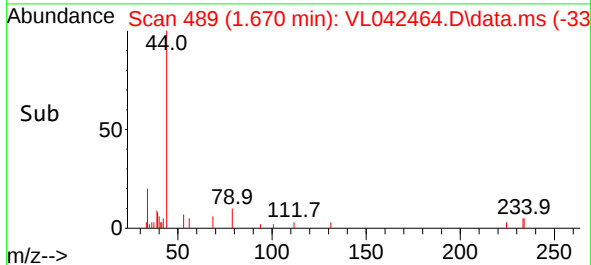
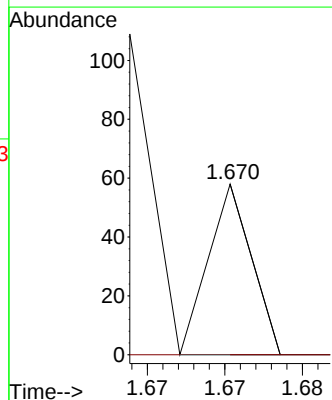
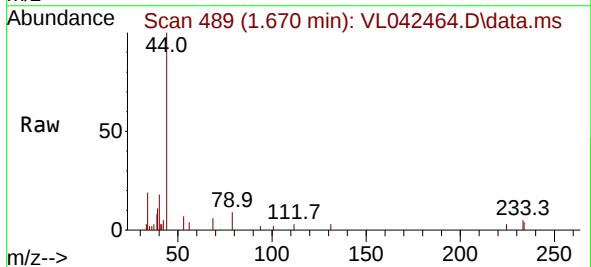
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 62 Resp: 162
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#6
 Bromomethane
 Concen: 0.005 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

Tgt Ion: 94 Resp: 11
 Ion Ratio Lower Upper
 94 100
 96 0.0 68.8 103.2#

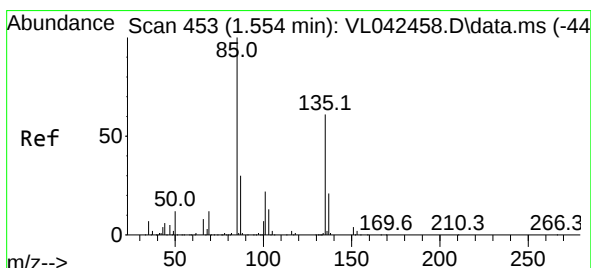
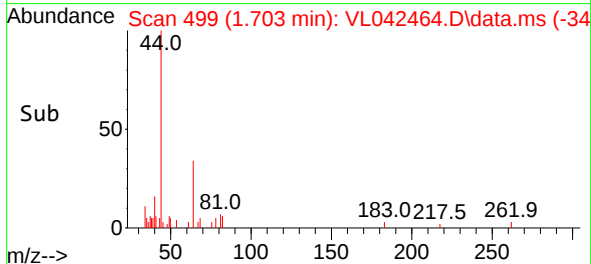
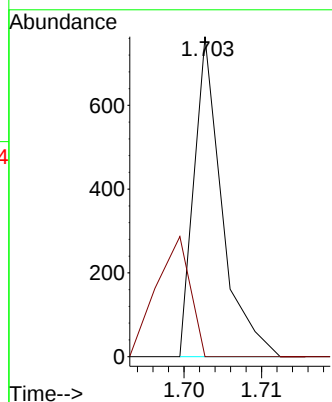
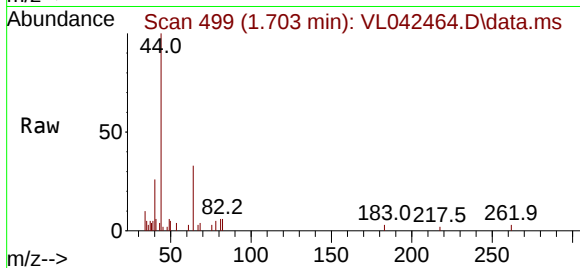




#7
Chloroethane
Concen: 0.115 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

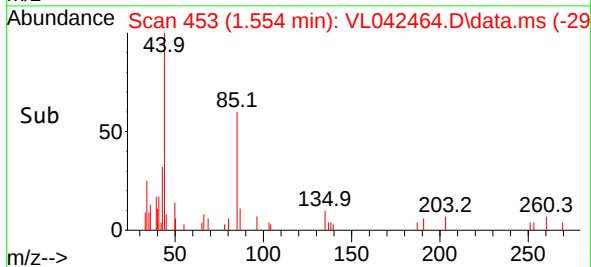
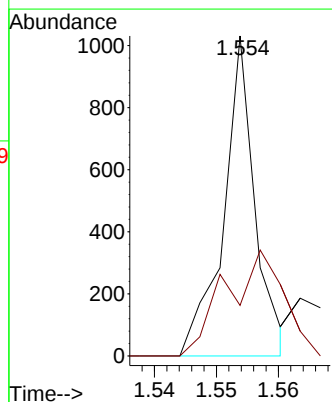
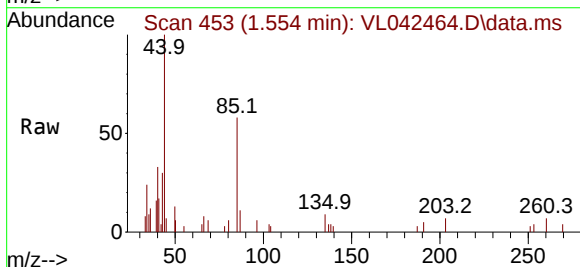
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

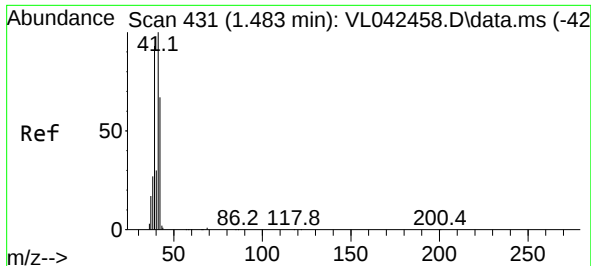
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.041 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 85 Resp: 362
Ion Ratio Lower Upper
85 100
135 61.0 49.8 74.8





#9

Propene

Concen: 0.108 ppbv

RT: 1.551 min Scan# 41

Delta R.T. 0.068 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

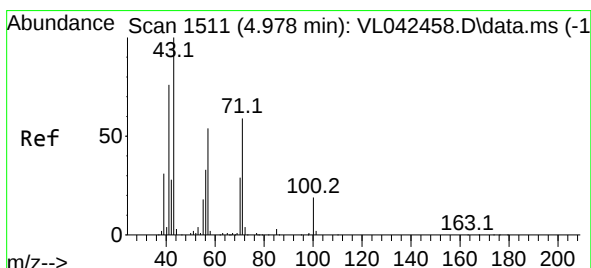
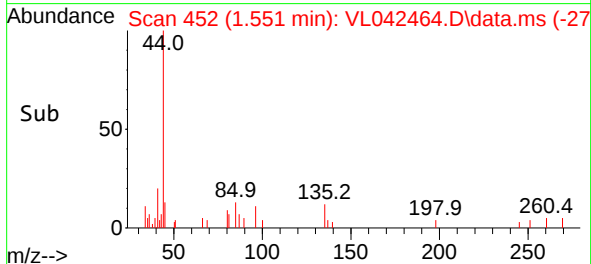
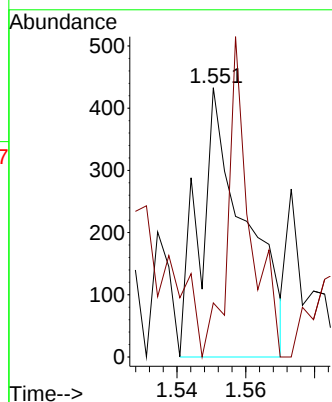
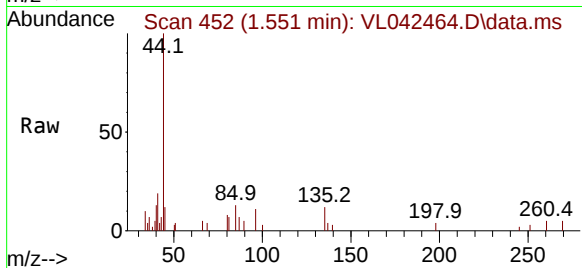
VSTDICC0.03

Tgt Ion: 41 Resp: 396

Ion Ratio Lower Upper

41 100

42 61.9 54.3 81.5



#10

Heptane

Concen: 0.006 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.007 min

Lab File: VL042464.D

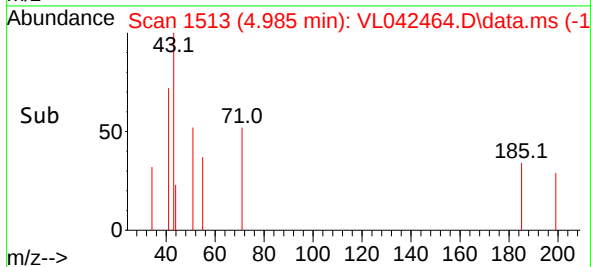
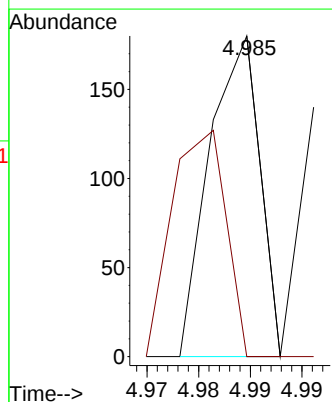
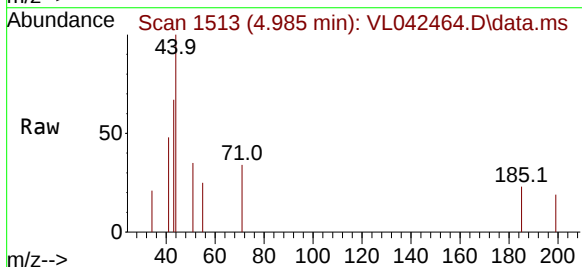
Acq: 01 May 2025 12:15

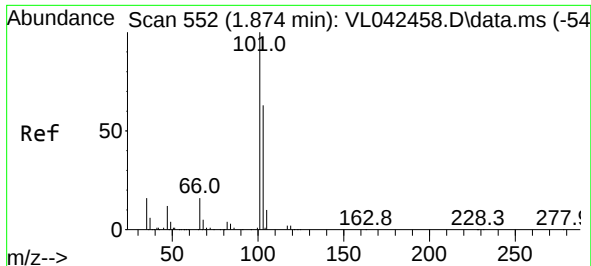
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

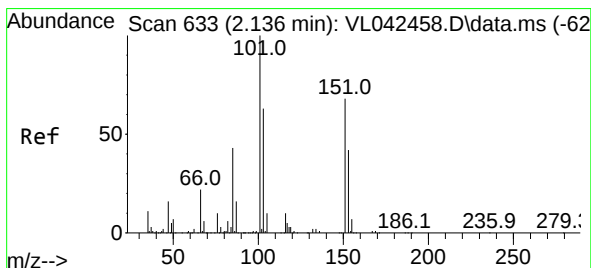
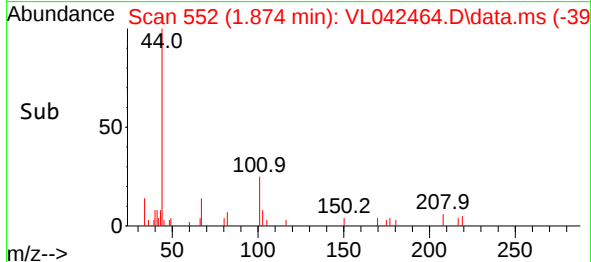
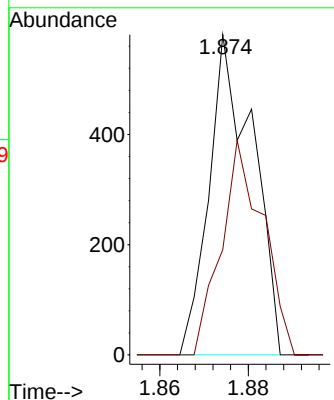
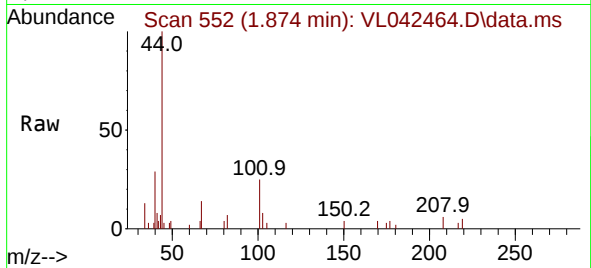




#11
 Trichlorofluoromethane
 Concen: 0.042 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

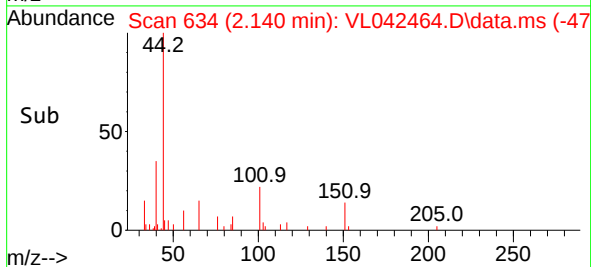
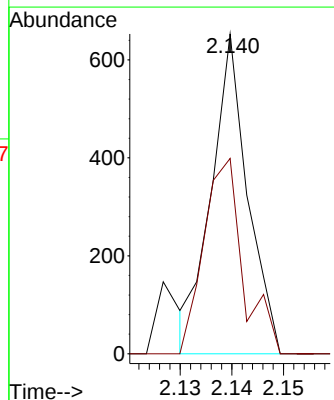
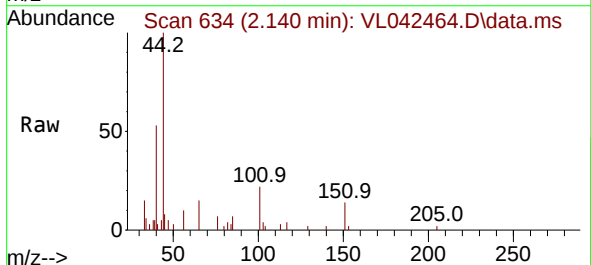
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

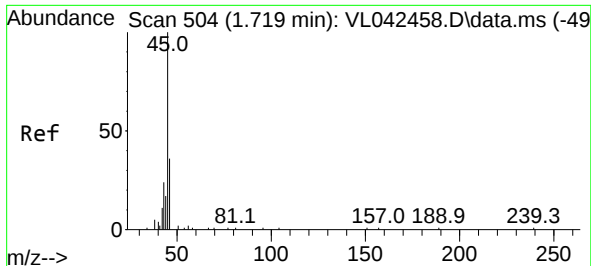
Tgt Ion:101 Resp: 399
 Ion Ratio Lower Upper
 101 100
 103 32.9 50.6 76.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.041 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

Tgt Ion:101 Resp: 318
 Ion Ratio Lower Upper
 101 100
 151 66.0 54.6 82.0

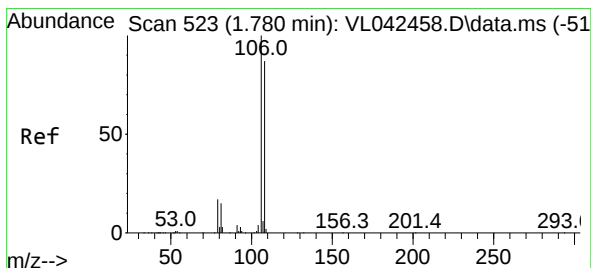
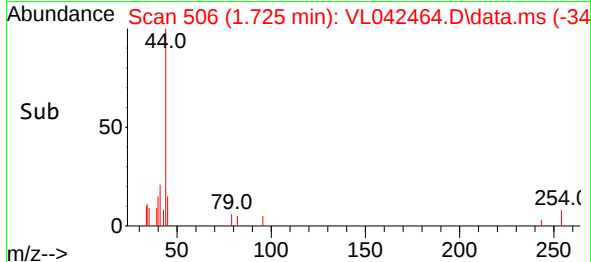
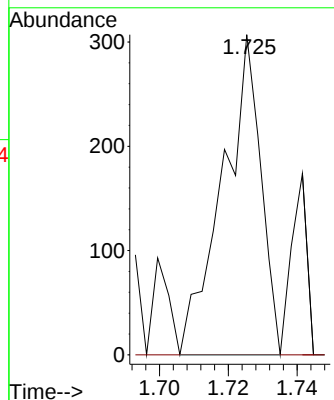
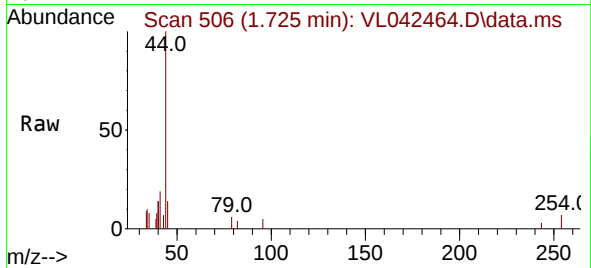




#13
 Ethanol
 Concen: 0.316 ppbv
 RT: 1.725 min Scan# 504
 Delta R.T. 0.007 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

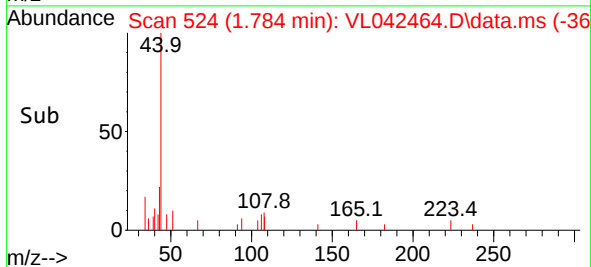
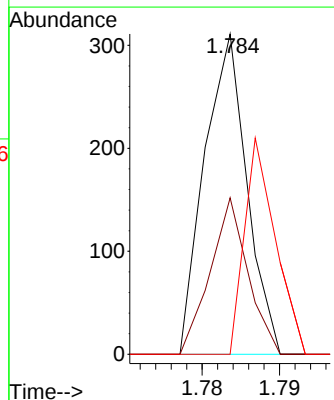
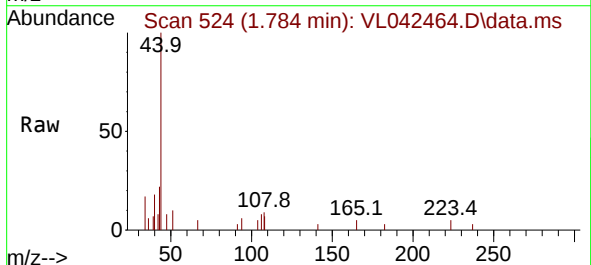
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

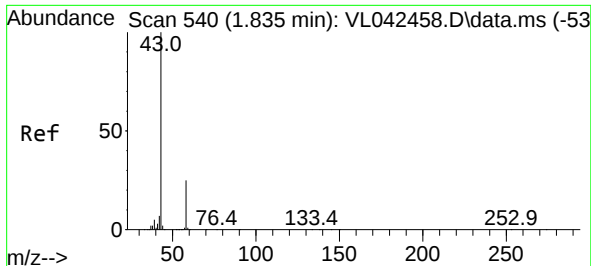
Tgt Ion: 45 Resp: 236
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.041 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.003 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

Tgt Ion:108 Resp: 118
 Ion Ratio Lower Upper
 108 100
 106 43.2 88.8 133.2#
 79 142.4 17.1 25.7#

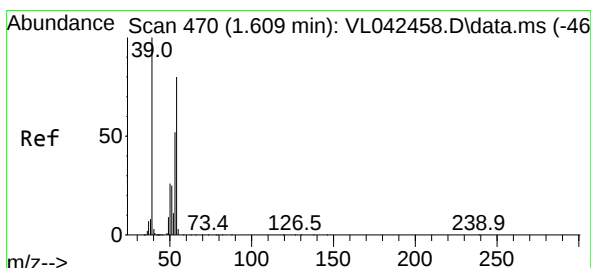
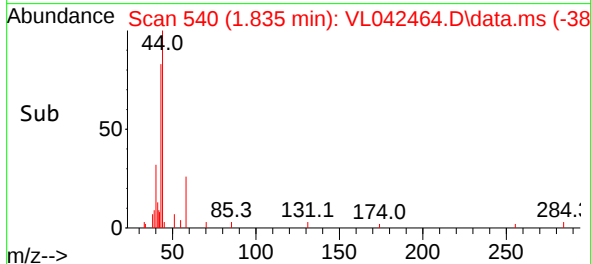
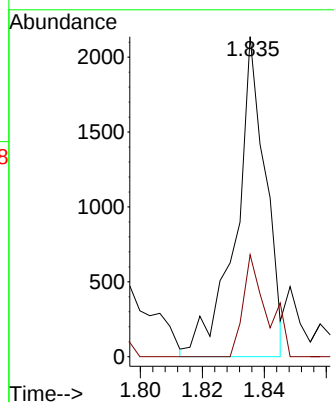
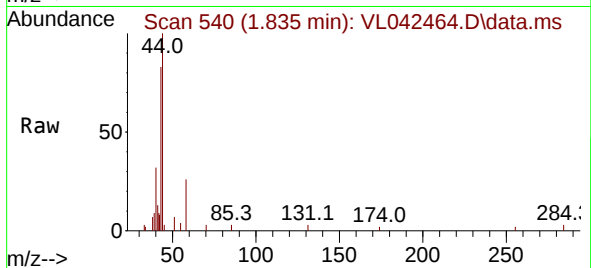




#15
Acetone
Concen: 0.122 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

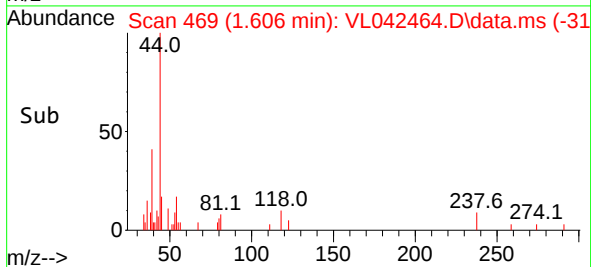
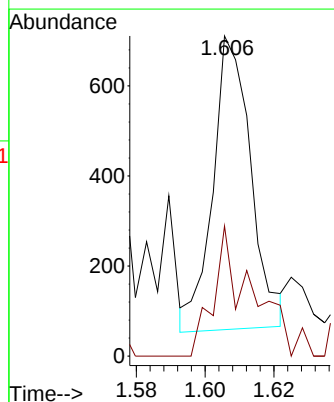
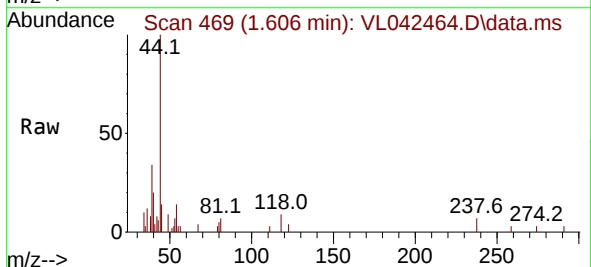
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

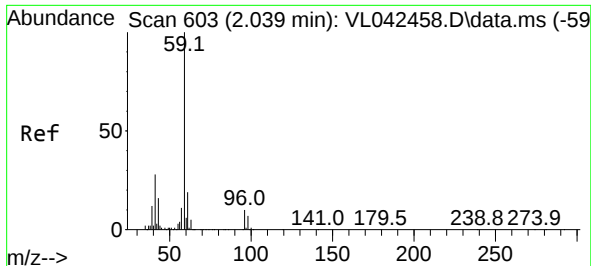
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 25.5 19.8 29.8



#16
1,3-Butadiene
Concen: 0.096 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 39 Resp: 499
Ion Ratio Lower Upper
39 100
54 60.3 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.050 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

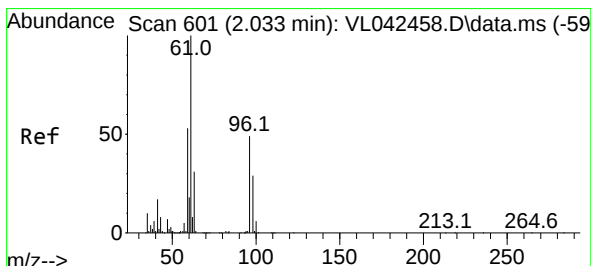
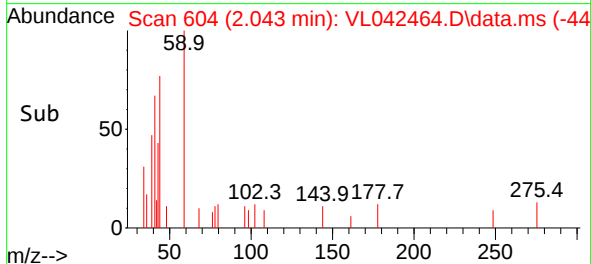
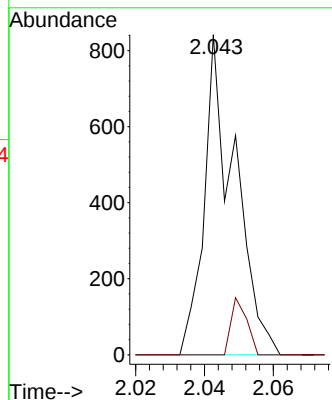
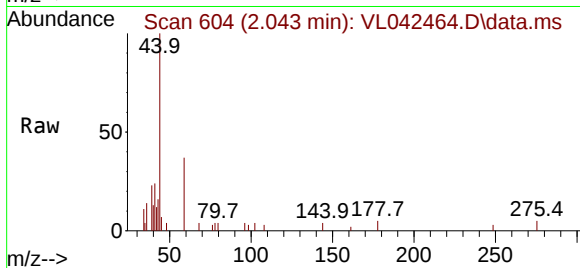
VSTDIC0.03

Tgt Ion: 59 Resp: 518

Ion Ratio Lower Upper

59 100

57 18.5 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.034 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

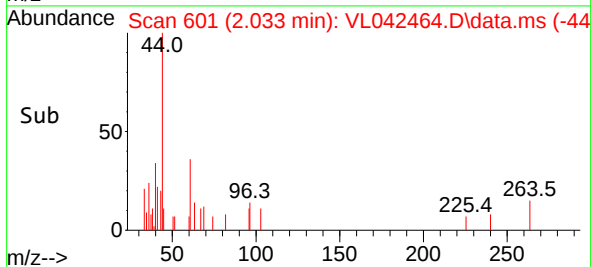
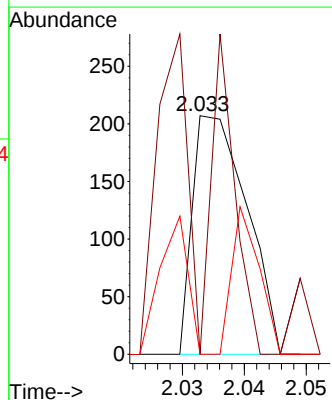
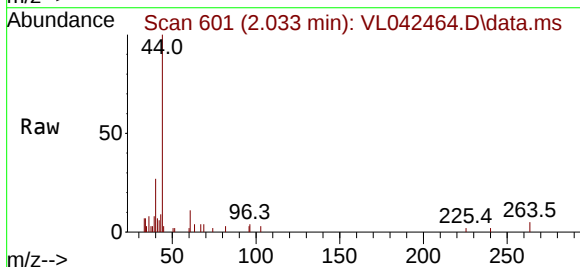
Tgt Ion: 96 Resp: 126

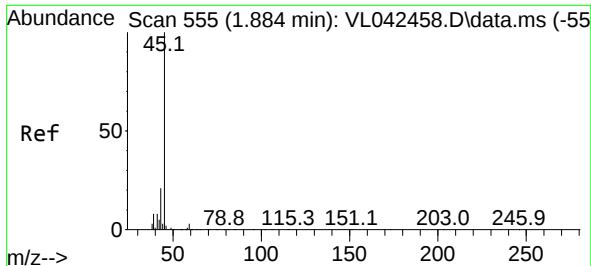
Ion Ratio Lower Upper

96 100

61 0.0 164.9 247.3#

98 0.0 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.075 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

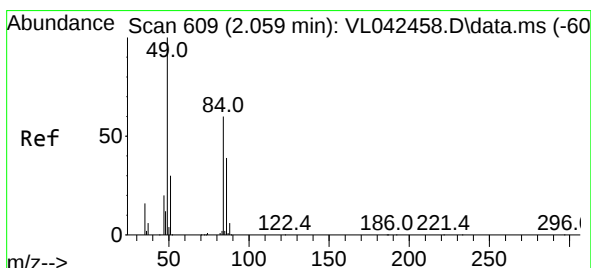
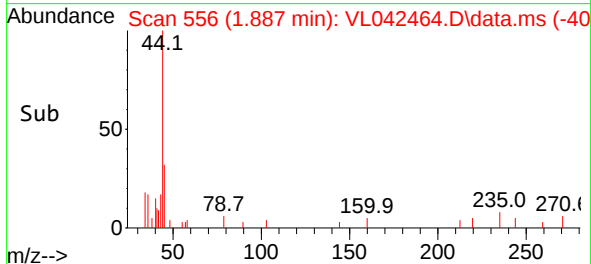
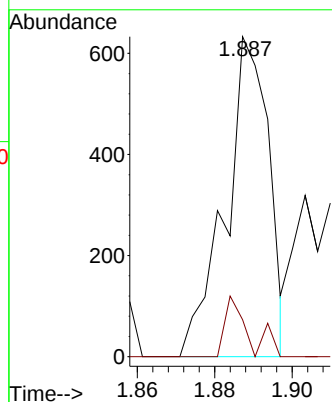
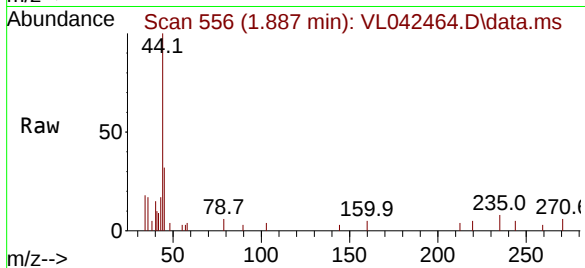
VSTDIC0.03

Tgt Ion: 45 Resp: 490

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#



#20

Methylene Chloride

Concen: 0.194 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Tgt Ion: 84 Resp: 687

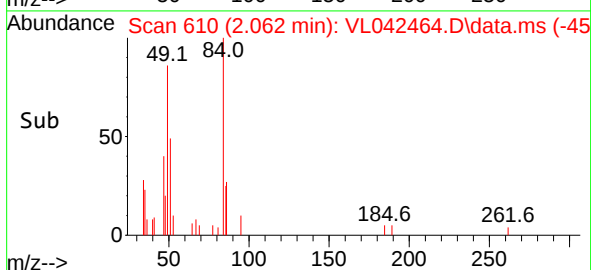
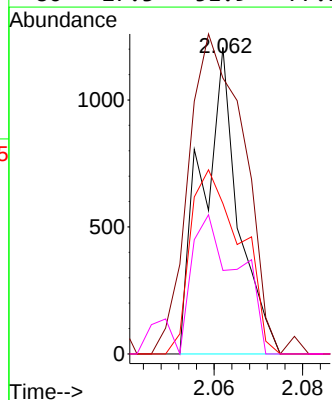
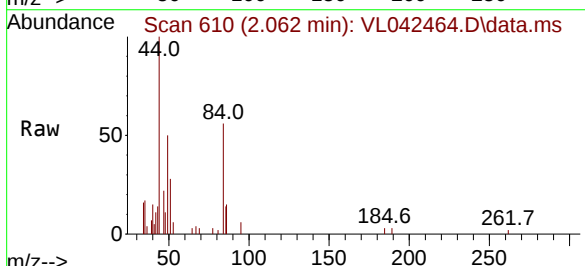
Ion Ratio Lower Upper

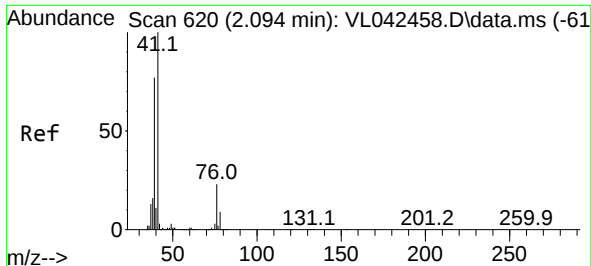
84 100

49 90.0 133.9 200.9#

51 49.0 41.0 61.6

86 27.3 51.9 77.9#

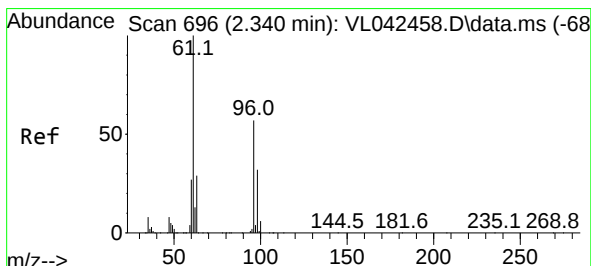
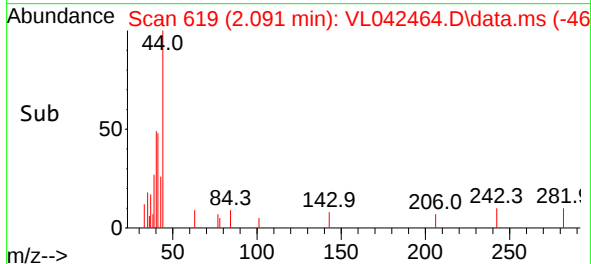
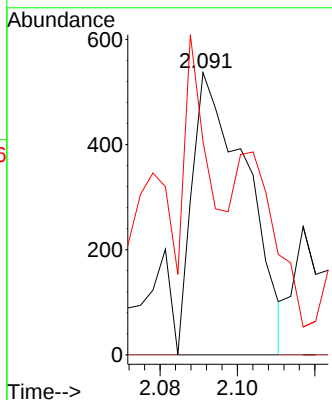
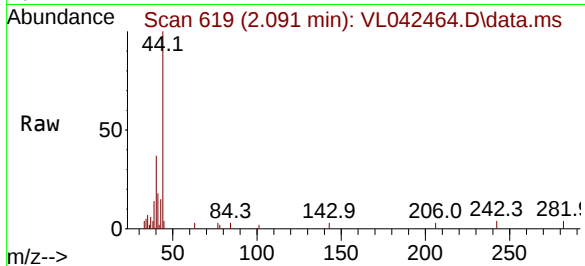




#21
 Allyl Chloride
 Concen: 0.069 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

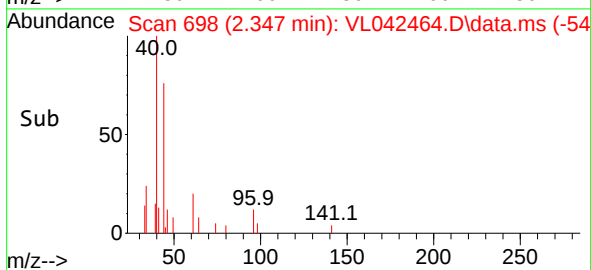
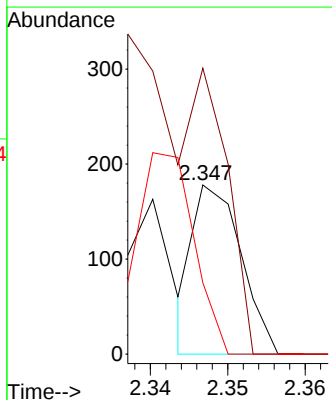
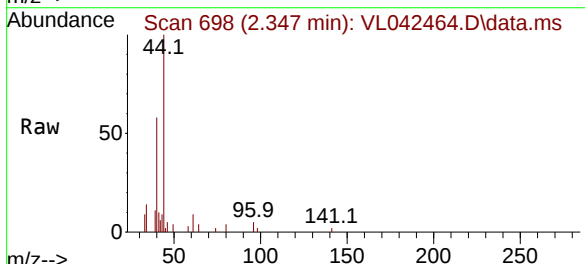
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

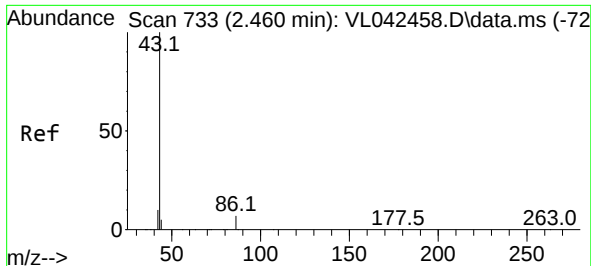
Tgt Ion: 41 Resp: 524
 Ion Ratio Lower Upper
 41 100
 76 0.0 19.6 29.4#
 39 172.1 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.018 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.007 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

Tgt Ion: 96 Resp: 77
 Ion Ratio Lower Upper
 96 100
 61 169.1 141.8 212.6
 98 42.1 45.0 67.6#

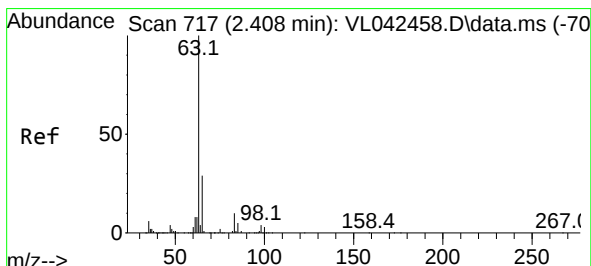
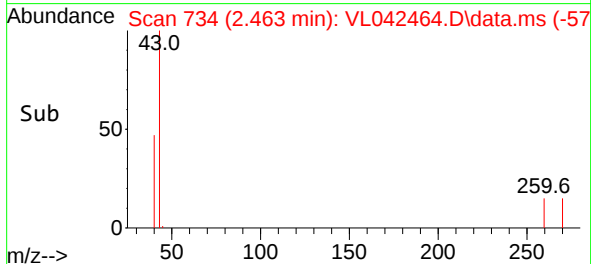
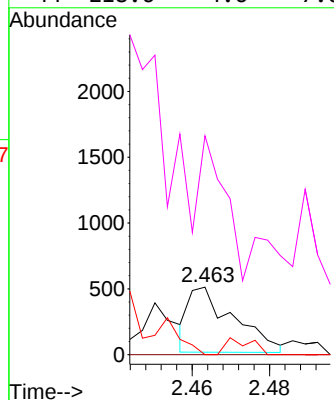
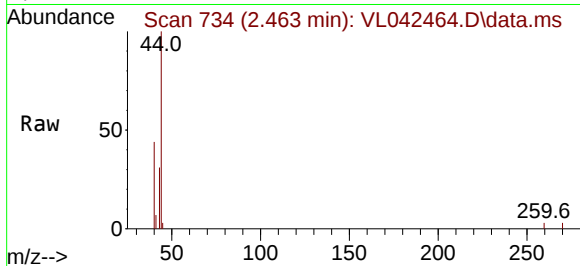




#23
 Vinyl Acetate
 Concen: 0.037 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

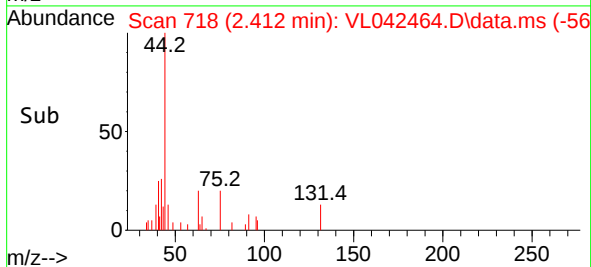
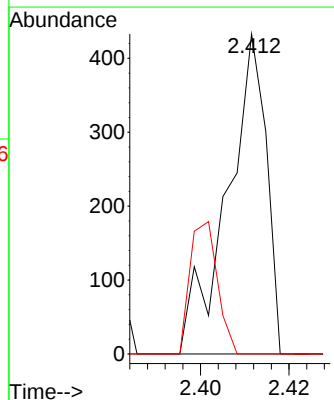
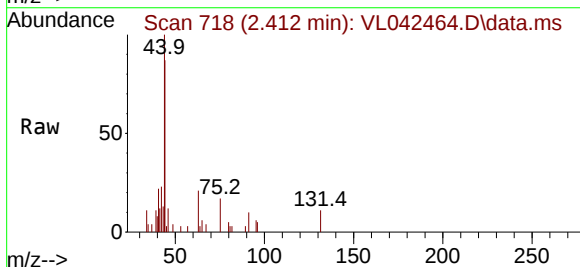
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

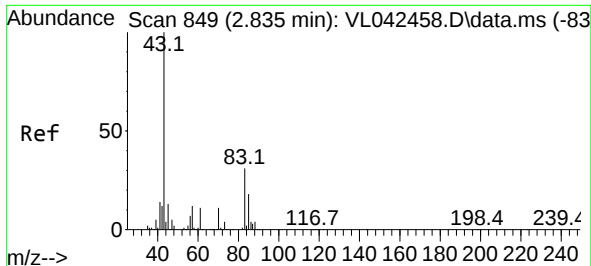
Tgt Ion:	43	Resp:	402
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	0.0	8.3	12.5#
44	218.6	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.030 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042464.D
 Acq: 01 May 2025 12:15

Tgt Ion:	63	Resp:	265
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#

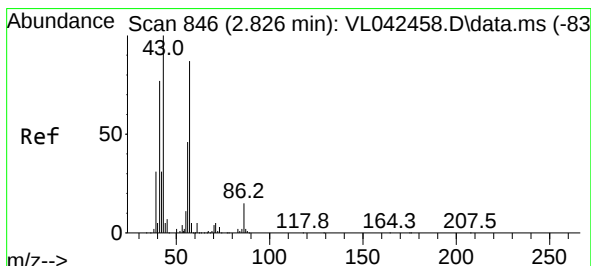
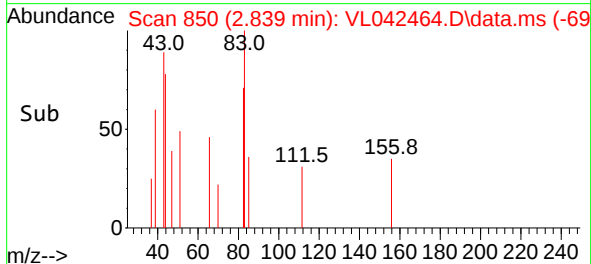
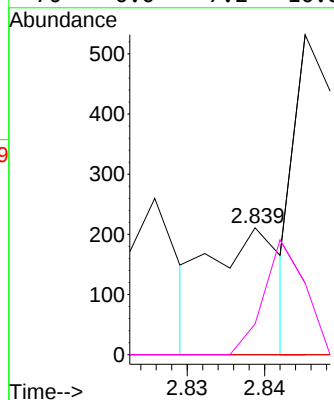
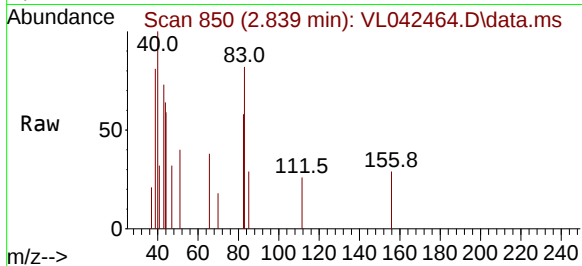




#25
Ethyl Acetate
Concen: 0.007 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

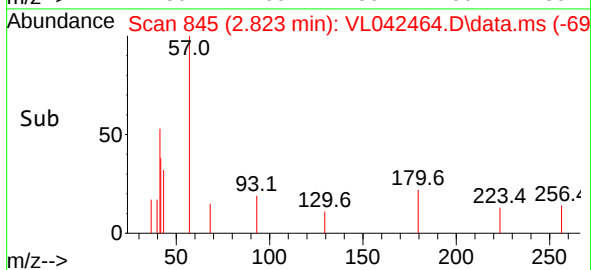
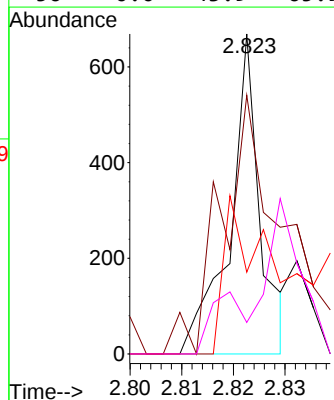
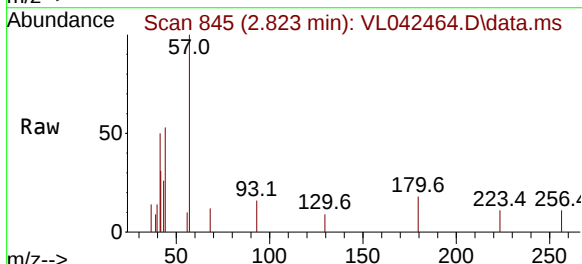
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

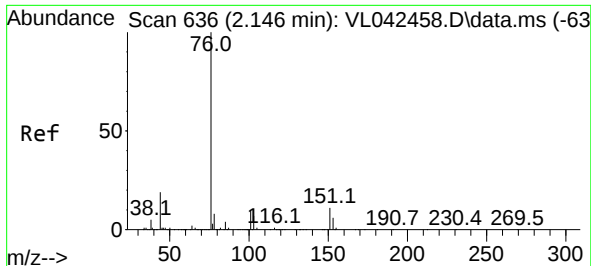
Tgt Ion: 43	Resp: 134
Ion Ratio	Lower Upper
43 100	
45 0.0	7.8 11.6#
61 0.0	7.2 10.8#
70 0.0	7.2 10.8#



#26
Hexane
Concen: 0.033 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 57	Resp:	271	
Ion	Ratio	Lower	Upper
57	100		
41	166.8	77.8	116.8#
43	0.0	187.0	280.6#
56	0.0	43.9	65.9#

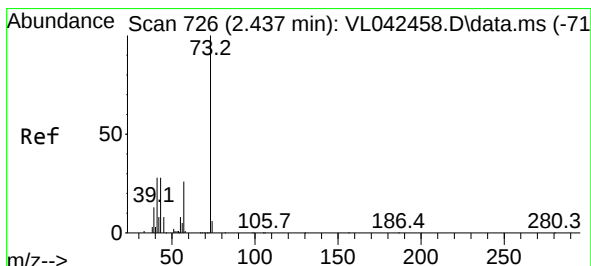
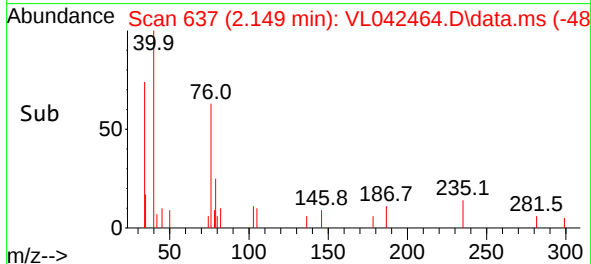
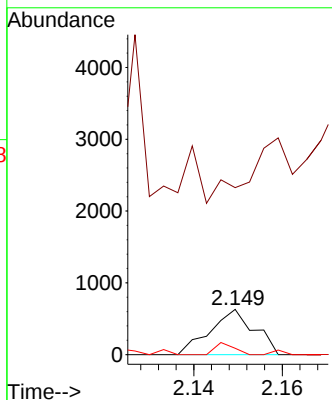
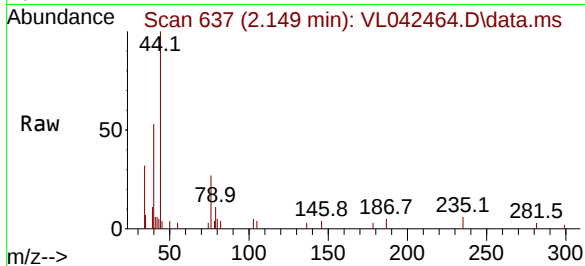




#27
Carbon Disulfide
Concen: 0.046 ppbv
RT: 2.149 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

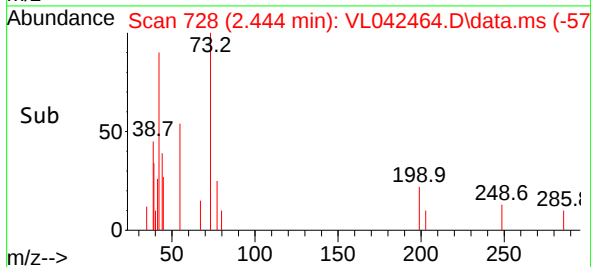
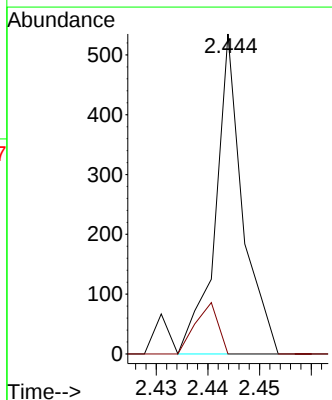
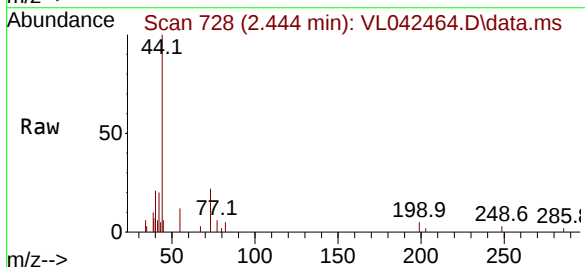
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

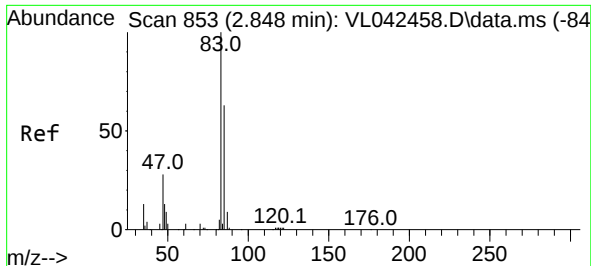
Tgt Ion: 76 Resp: 438
Ion Ratio Lower Upper
76 100
44 2075.6 21.0 31.6#
78 28.3 8.6 13.0#



#28
Methyl tert-Butyl Ether
Concen: 0.040 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 73 Resp: 196
Ion Ratio Lower Upper
73 100
57 41.3 19.9 29.9#





#29

Chloroform

Concen: 0.008 ppbv

RT: 2.855 min Scan# 8

Delta R.T. 0.007 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

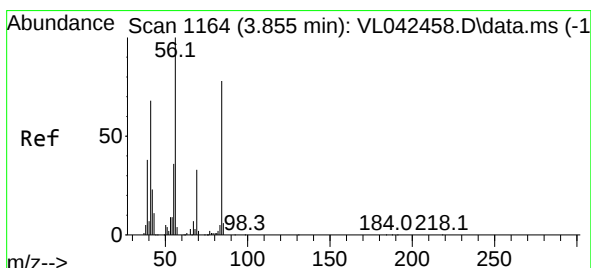
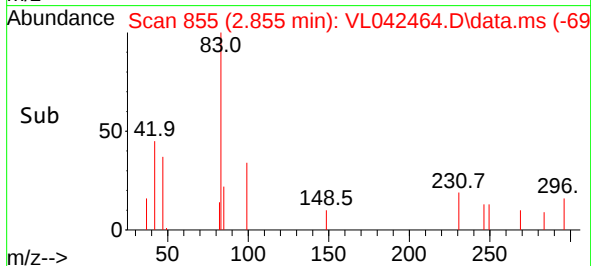
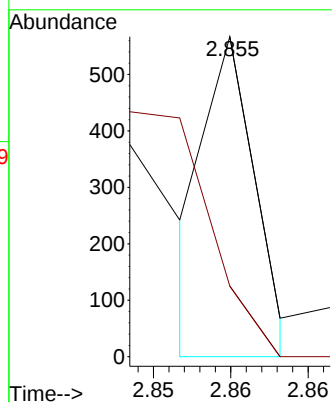
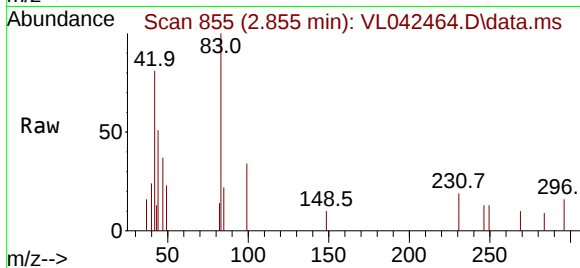
VSTDIC0.03

Tgt Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

85 25.1 50.4 75.6#



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

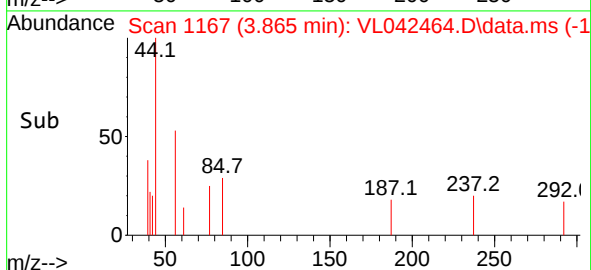
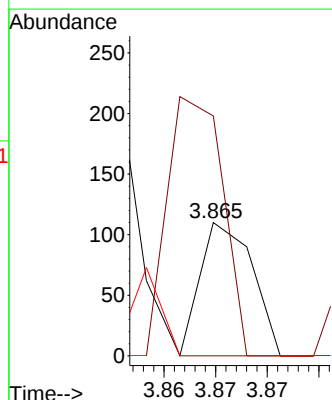
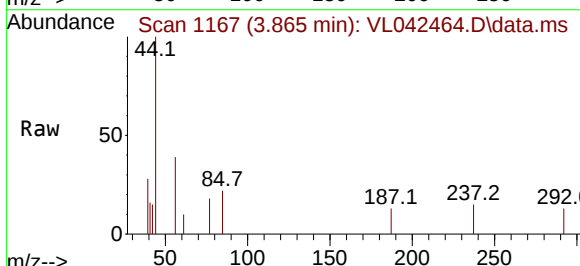
Tgt Ion: 84 Resp: 39

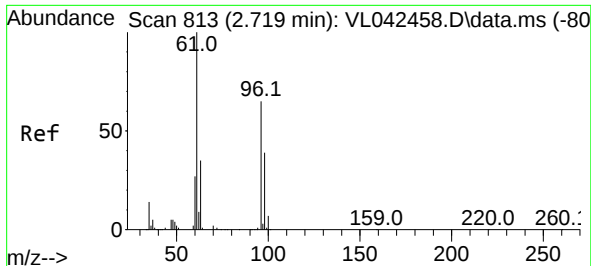
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 0.0 65.8 98.8#





#31

cis-1,2-Dichloroethene

Concen: 0.015 ppbv

RT: 2.722 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

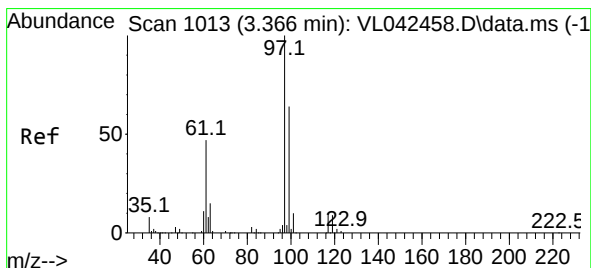
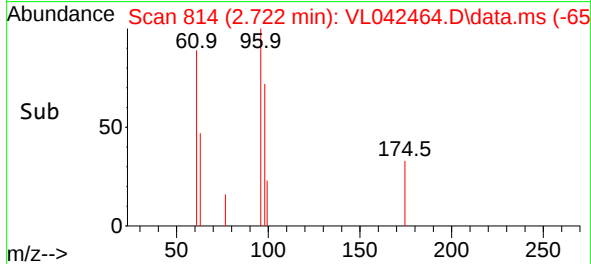
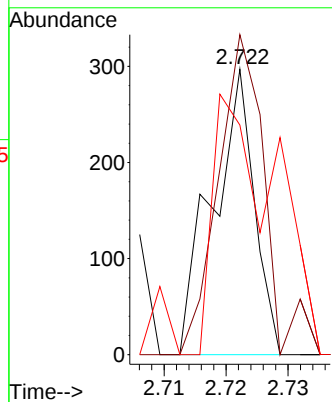
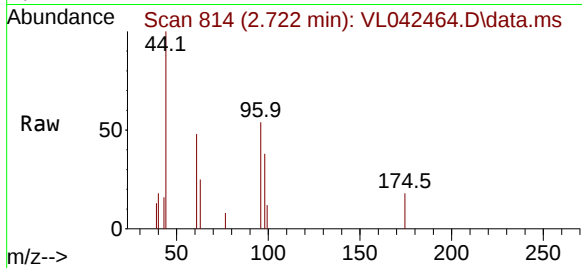
Tgt Ion: 61 Resp: 139

Ion Ratio Lower Upper

61 100

96 112.1 52.0 78.0#

98 80.5 31.0 46.6#



#32

1,1,1-Trichloroethane

Concen: 0.023 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. 0.007 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

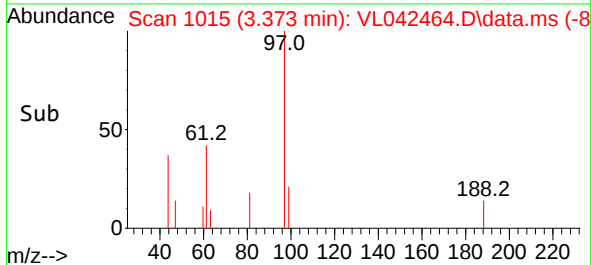
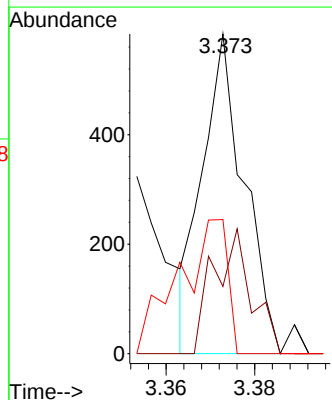
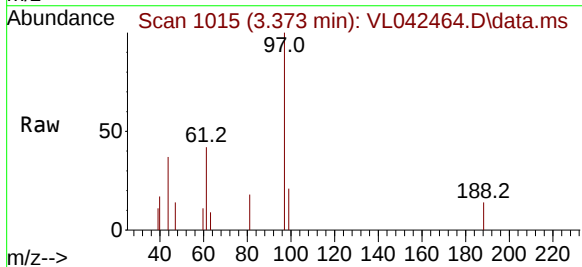
Tgt Ion: 97 Resp: 381

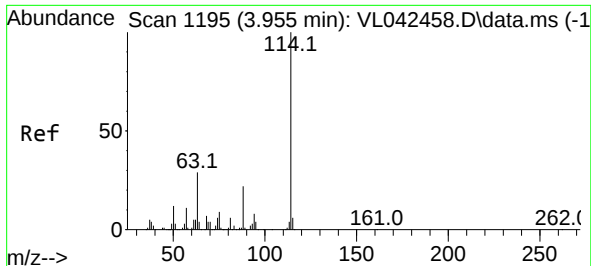
Ion Ratio Lower Upper

97 100

99 35.4 50.7 76.1#

61 49.1 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.03

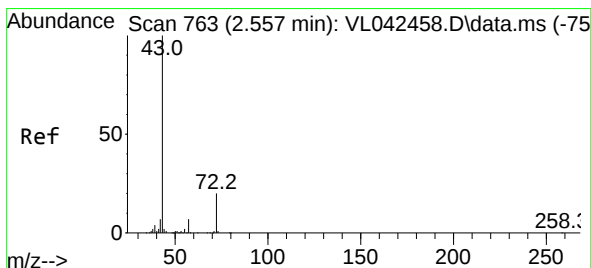
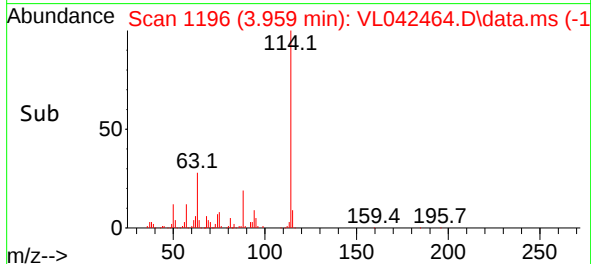
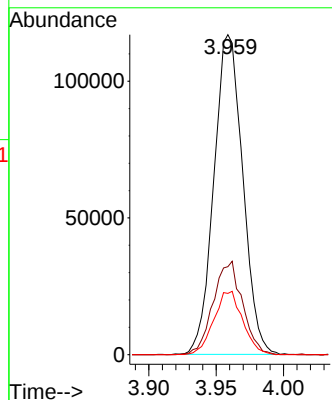
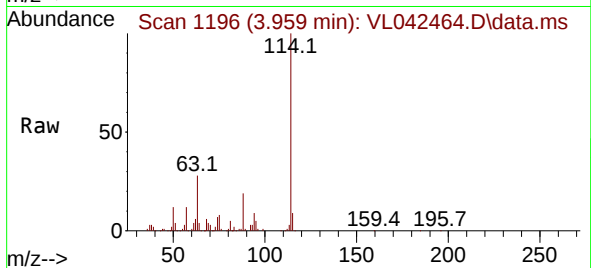
Tgt Ion:114 Resp: 174433

Ion Ratio Lower Upper

114 100

63 29.7 23.1 34.7

88 19.9 16.1 24.1



#34

2-Butanone

Concen: 0.037 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042464.D

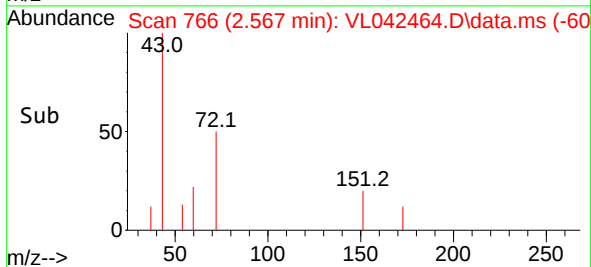
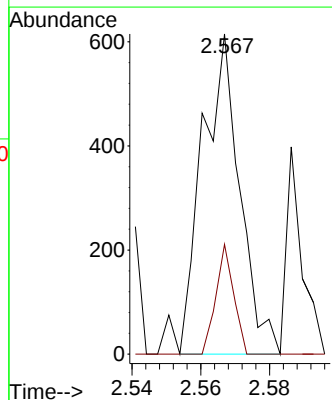
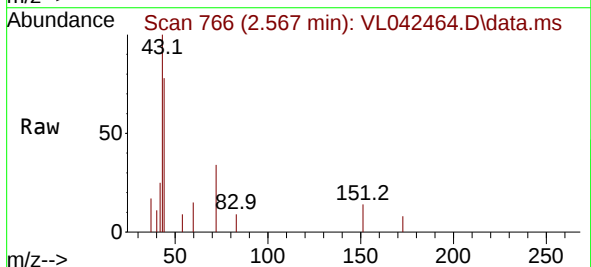
Acq: 01 May 2025 12:15

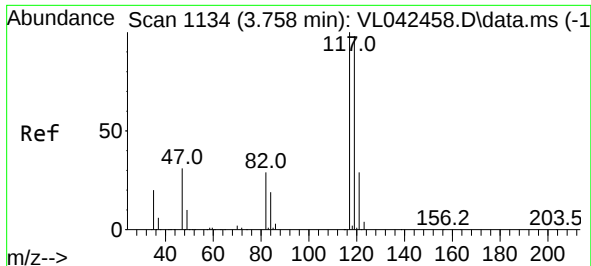
Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

72 16.4 16.7 25.1#

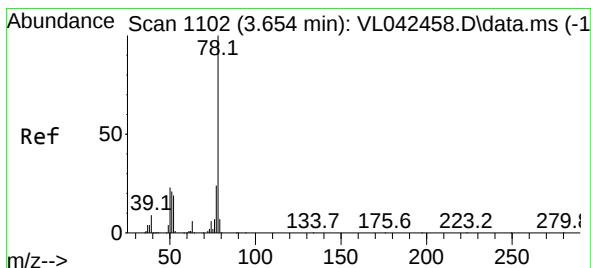
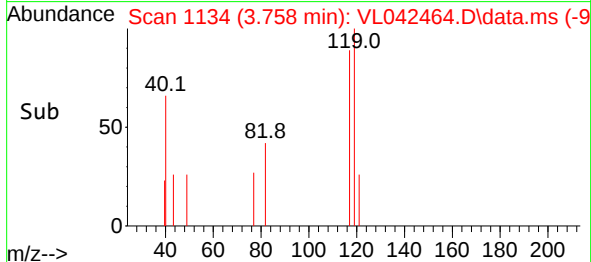
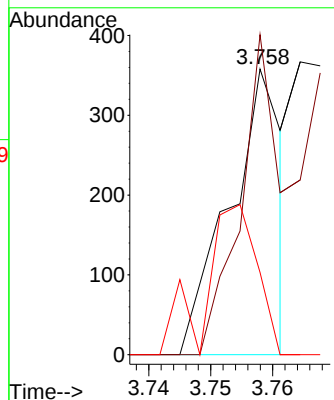
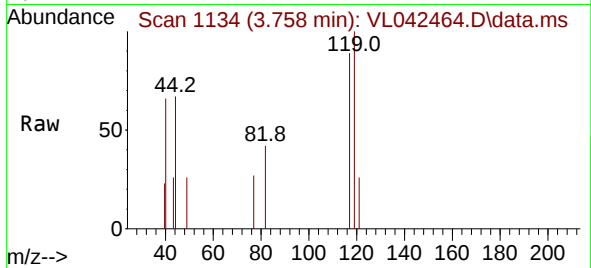




#35
Carbon Tetrachloride
Concen: 0.014 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

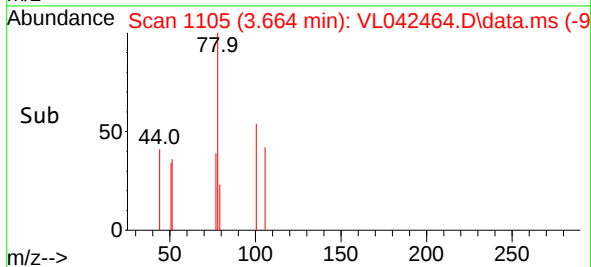
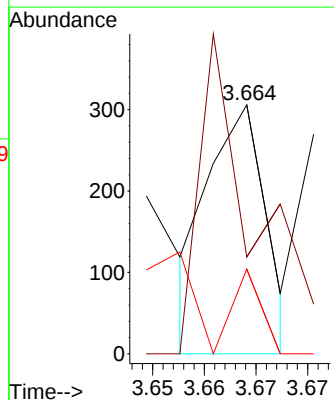
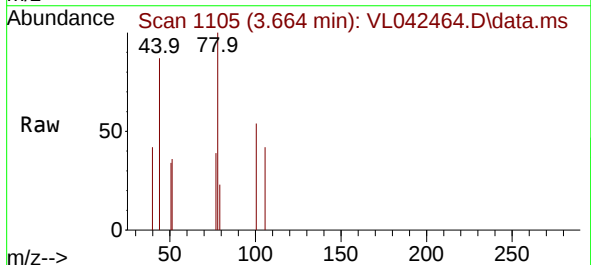
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

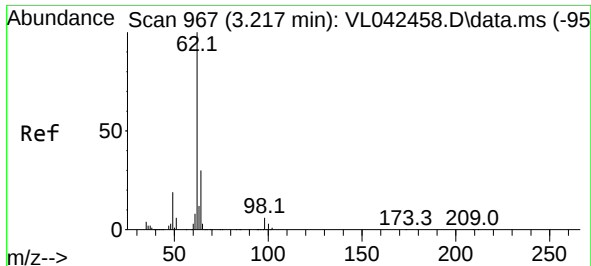
Tgt Ion:	117	Resp:	213
Ion	Ratio	Lower	Upper
117	100		
119	112.0	78.1	117.1
121	28.8	23.0	34.6



#36
Benzene
Concen: 0.007 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion:	78	Resp:	119
Ion	Ratio	Lower	Upper
78	100		
77	51.3	18.9	28.3#
50	44.8	18.4	27.6#





#37

1,2-Dichloroethane

Concen: 0.013 ppbv

RT: 3.224 min Scan# 967

Delta R.T. 0.007 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_1

ClientSampleId :

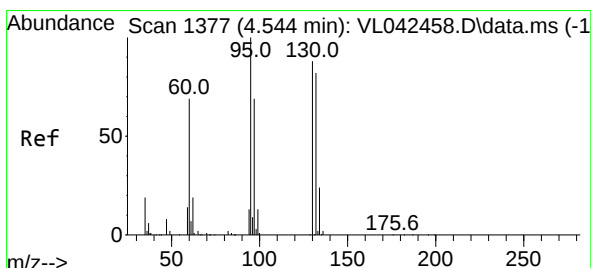
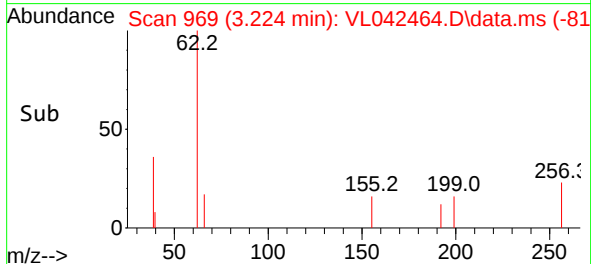
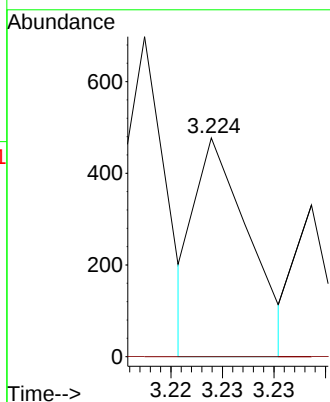
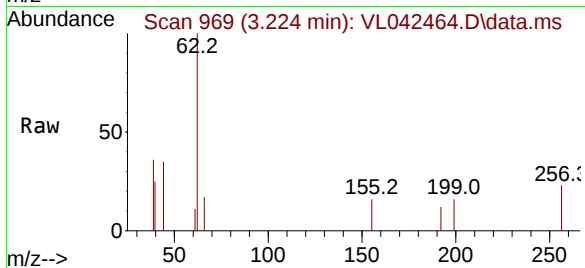
VSTDICC0.03

Tgt Ion: 62 Resp: 171

Ion Ratio Lower Upper

62 100

98 0.0 4.3 6.5#



#38

Trichloroethene

Concen: 0.007 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Tgt Ion: 130 Resp: 45

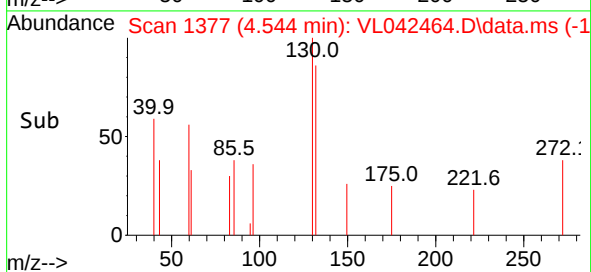
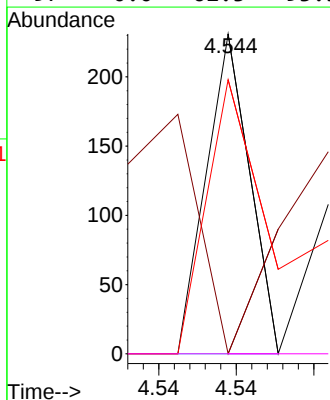
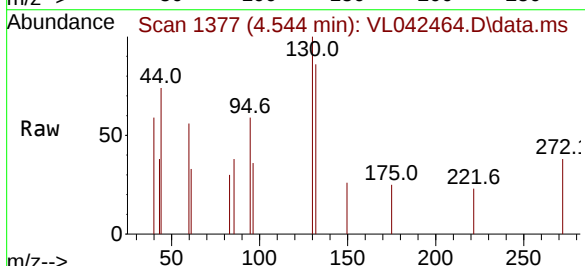
Ion Ratio Lower Upper

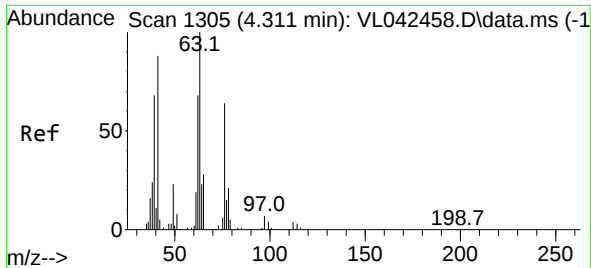
130 100

95 0.0 91.0 136.4#

132 85.7 74.2 111.4

97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.380 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.349 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

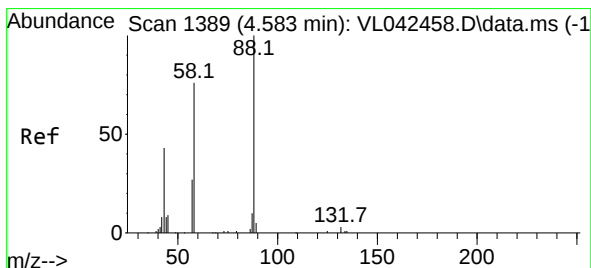
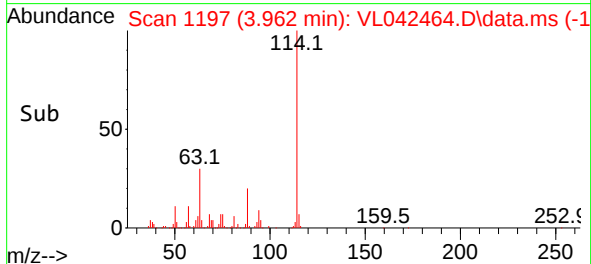
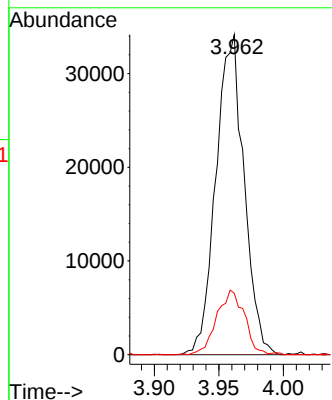
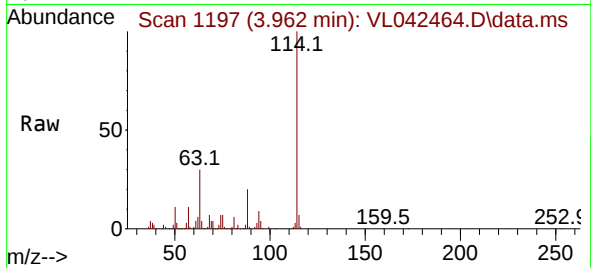
Tgt Ion: 63 Resp: 51677

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 19.0 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.012 ppbv

RT: 4.904 min Scan# 1488

Delta R.T. 0.321 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Tgt Ion: 88 Resp: 33

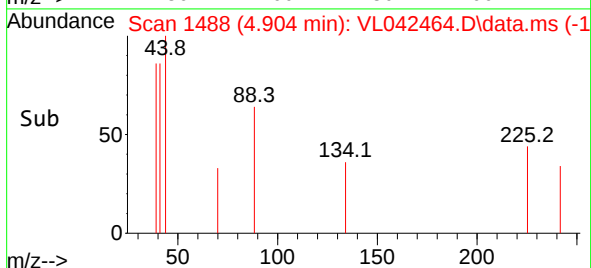
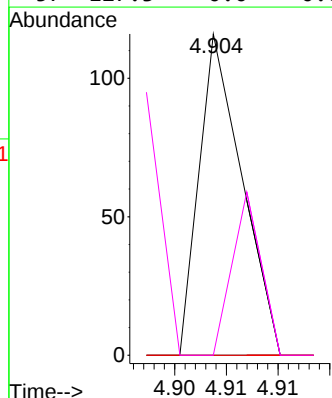
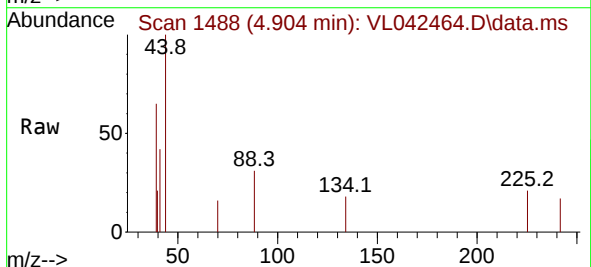
Ion Ratio Lower Upper

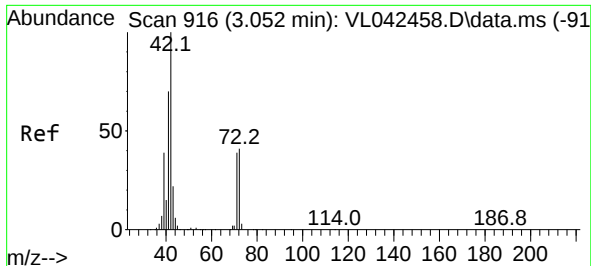
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 127.3 0.0 0.0#

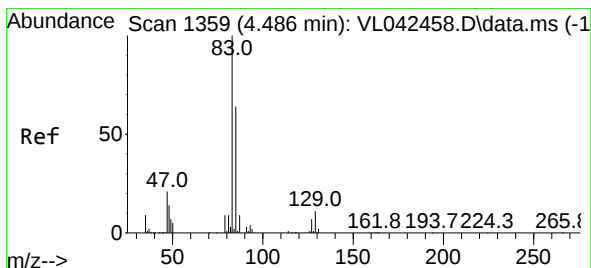
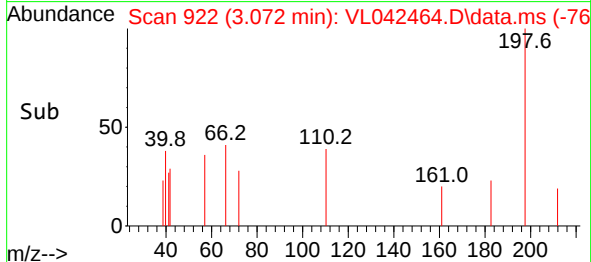
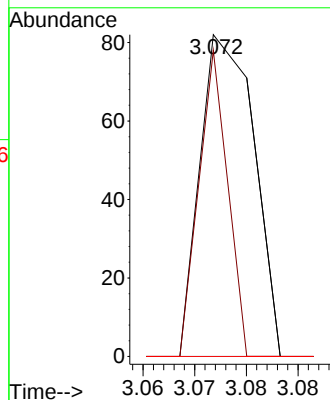
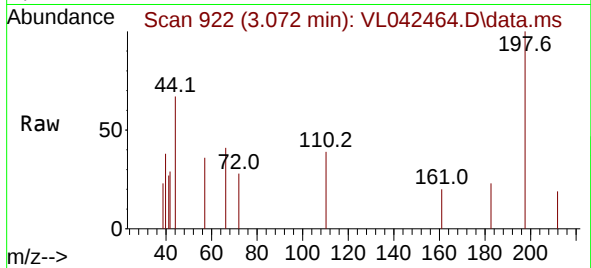




#41
Tetrahydrofuran
Concen: 0.005 ppbv
RT: 3.072 min Scan# 916
Delta R.T. 0.020 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

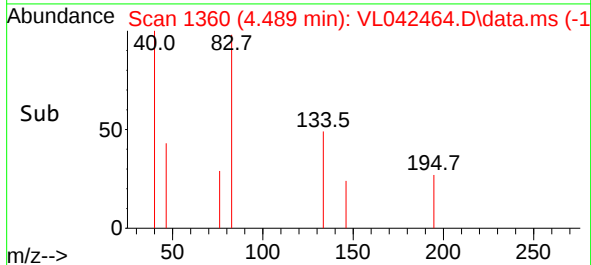
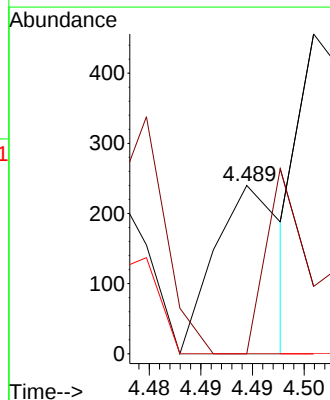
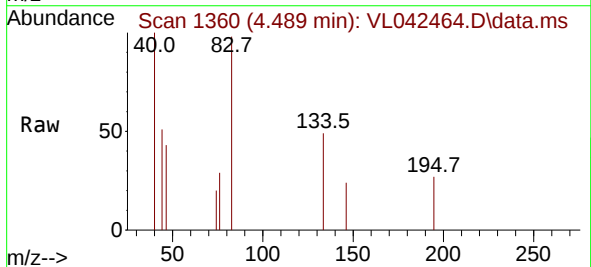
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

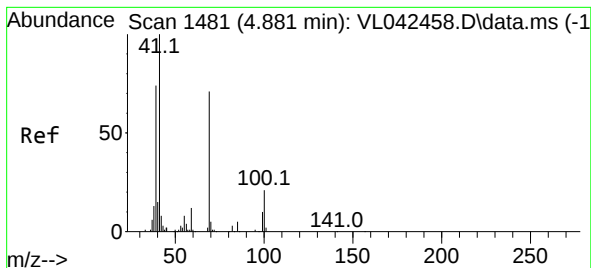
Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
72 96.7 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.007 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 83 Resp: 112
Ion Ratio Lower Upper
83 100
85 0.0 51.5 77.3#
127 0.0 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.017 ppbv

RT: 4.891 min Scan# 1484

Delta R.T. 0.010 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

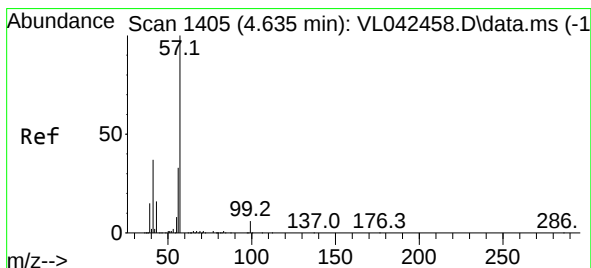
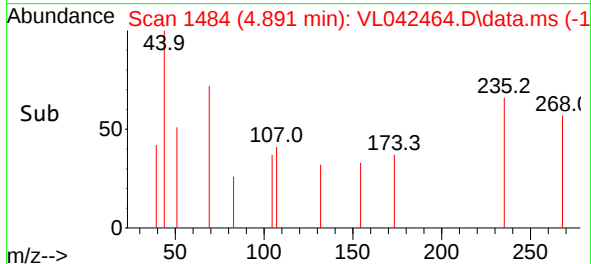
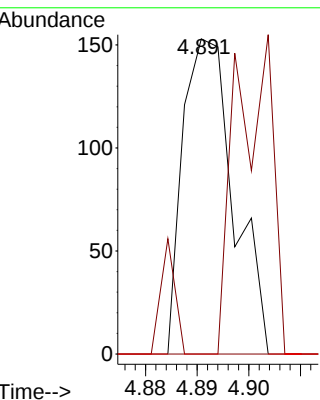
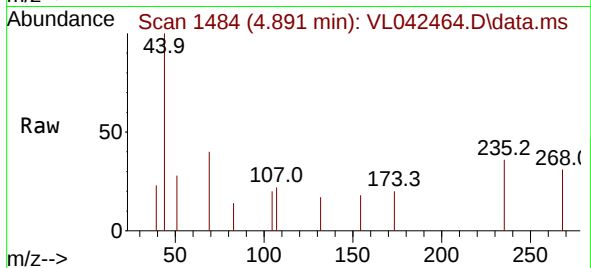
Tgt Ion: 69 Resp: 105

Ion Ratio Lower Upper

69 100

41 82.9 120.8 181.2#

100 0.0 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.006 ppbv

RT: 4.642 min Scan# 1407

Delta R.T. 0.007 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

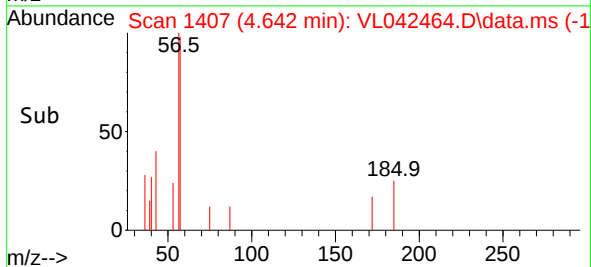
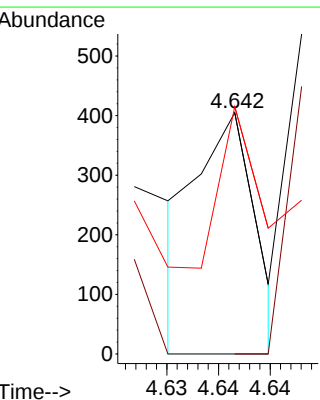
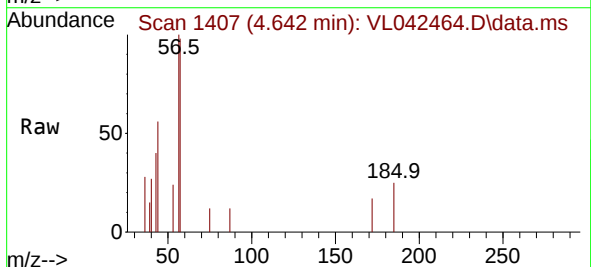
Tgt Ion: 57 Resp: 160

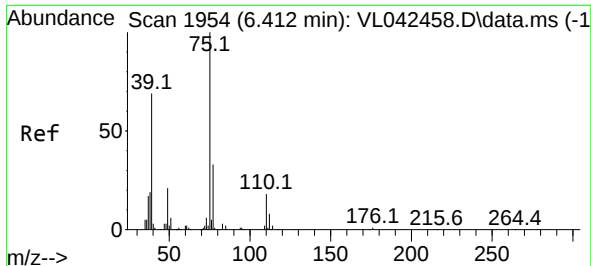
Ion Ratio Lower Upper

57 100

41 0.0 30.6 45.8#

56 265.0 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 6.418 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

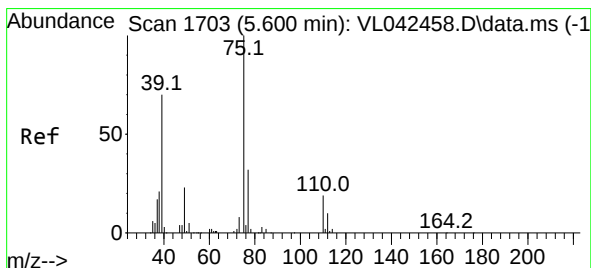
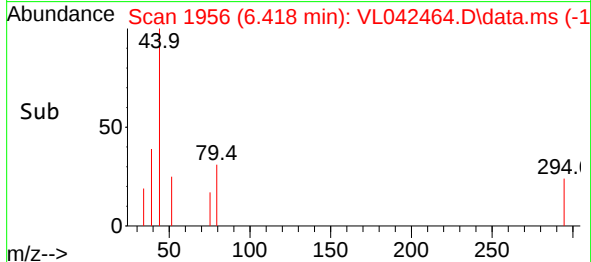
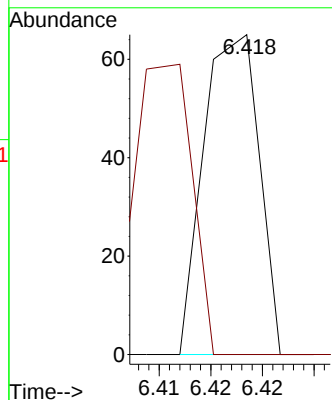
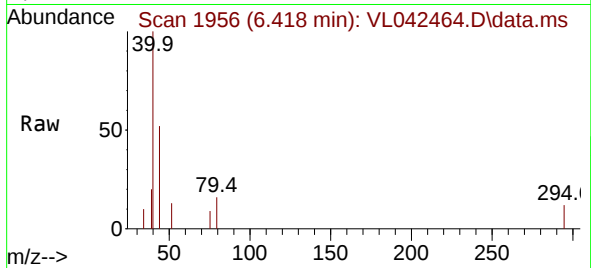
VSTDICC0.03

Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#



#46

cis-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. 0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

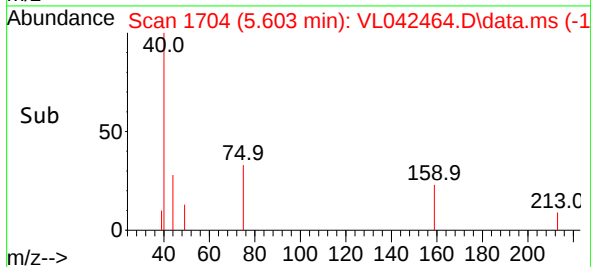
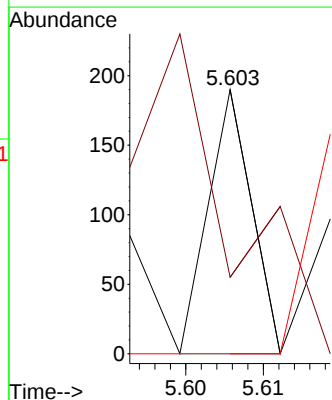
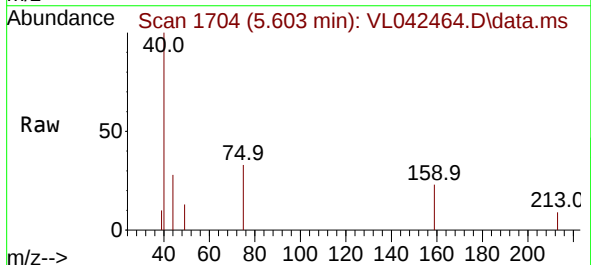
Tgt Ion: 75 Resp: 37

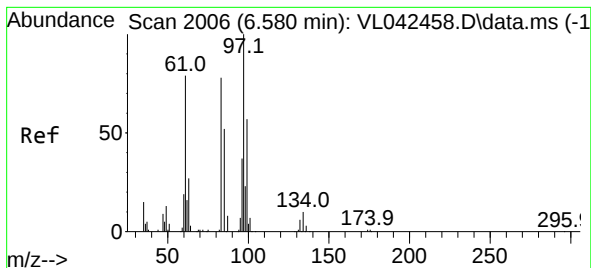
Ion Ratio Lower Upper

75 100

39 0.0 55.7 83.5#

77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.004 ppbv

RT: 6.571 min Scan# 2006

Delta R.T. -0.010 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 97 Resp: 29

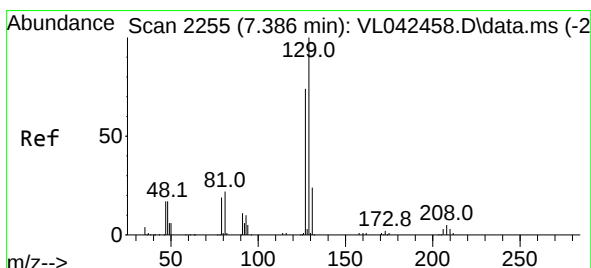
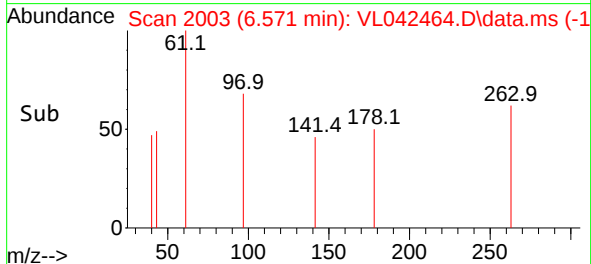
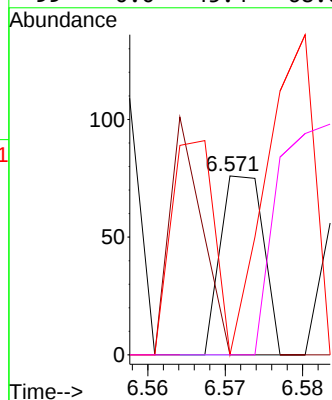
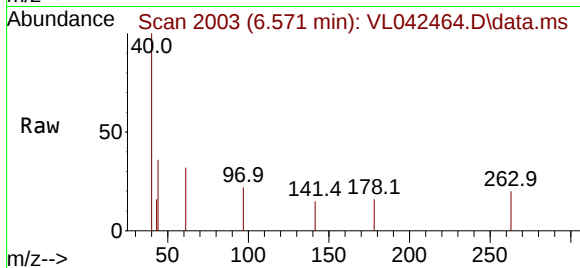
Ion Ratio Lower Upper

97 100

83 0.0 62.2 93.2#

85 0.0 41.5 62.3#

99 0.0 45.4 68.0#



#48

Dibromochloromethane

Concen: 0.015 ppbv

RT: 7.383 min Scan# 2254

Delta R.T. -0.003 min

Lab File: VL042464.D

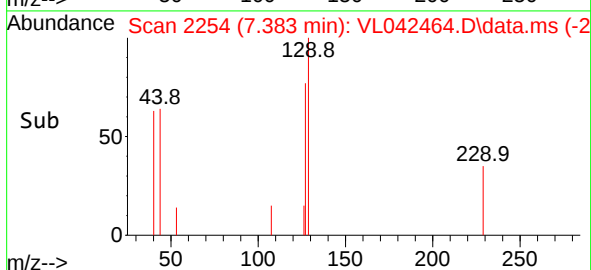
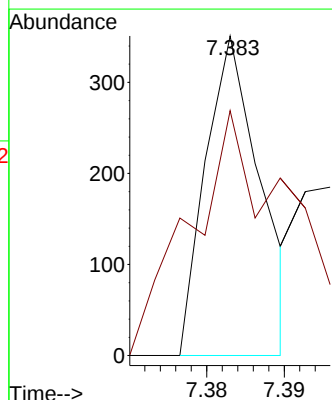
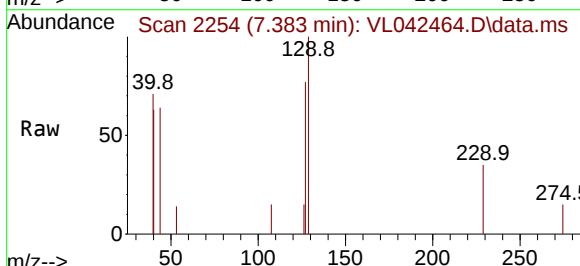
Acq: 01 May 2025 12:15

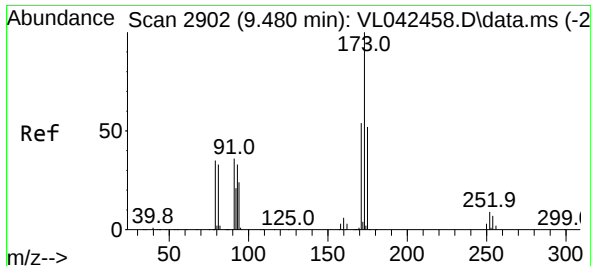
Tgt Ion: 129 Resp: 174

Ion Ratio Lower Upper

129 100

127 136.2 39.5 118.5#

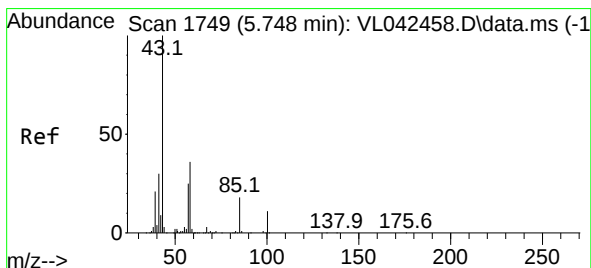
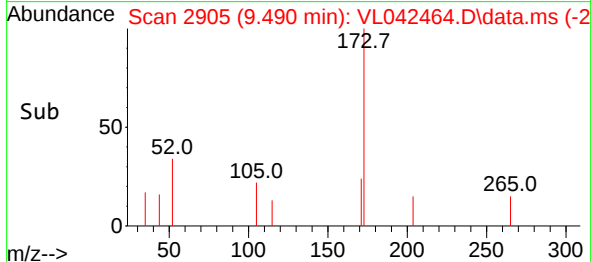
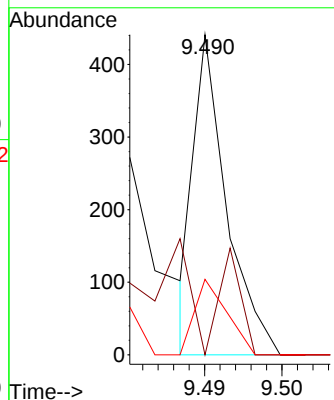
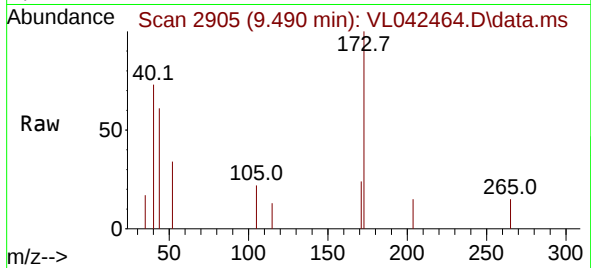




#49
Bromoform
Concen: 0.013 ppbv
RT: 9.490 min Scan# 2902
Delta R.T. 0.010 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

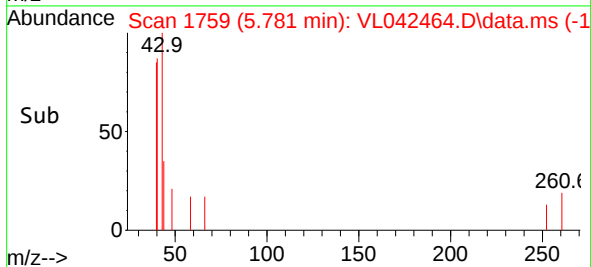
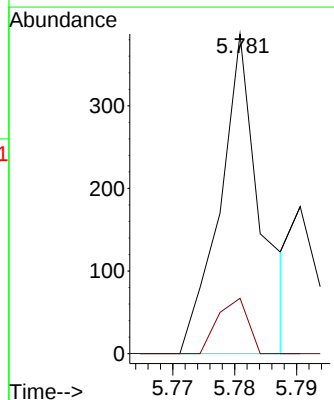
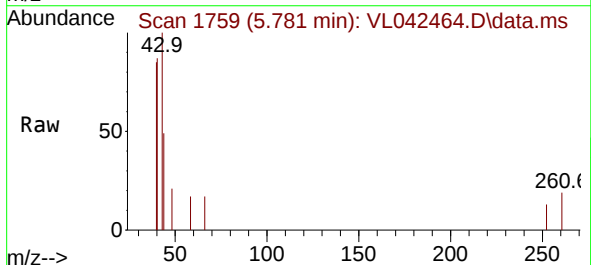
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

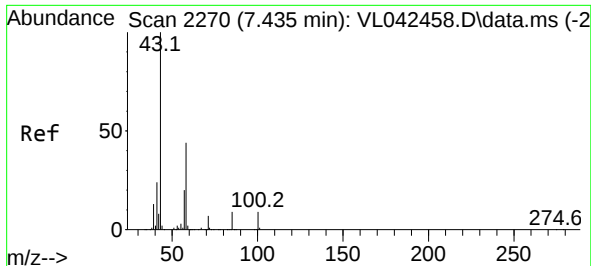
Tgt Ion:173 Resp: 128
Ion Ratio Lower Upper
173 100
175 85.9 38.9 58.3#
171 48.4 40.6 60.8



#50
4-Methyl-2-Pentanone
Concen: 0.011 ppbv
RT: 5.781 min Scan# 1759
Delta R.T. 0.032 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
58 13.1 29.5 44.3#

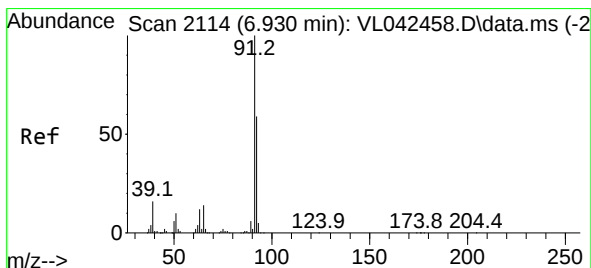
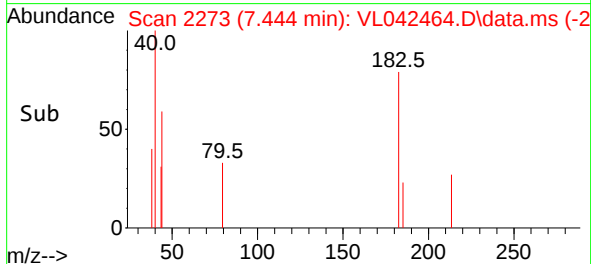
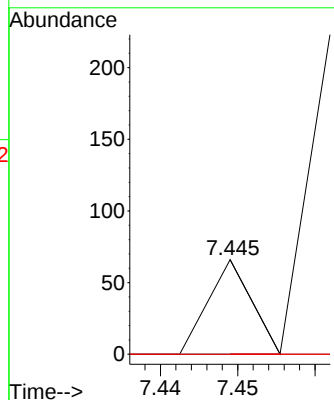
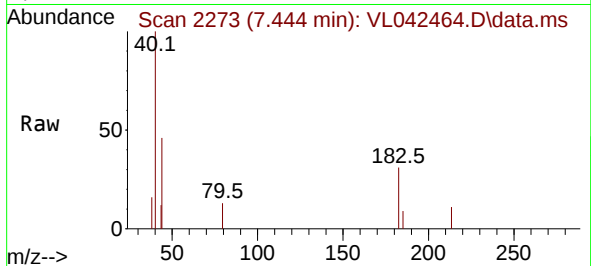




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 7.444 min Scan# 2115
Delta R.T. 0.010 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

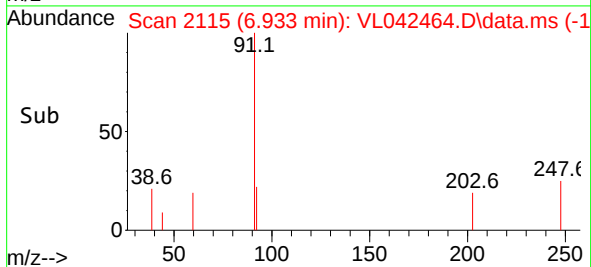
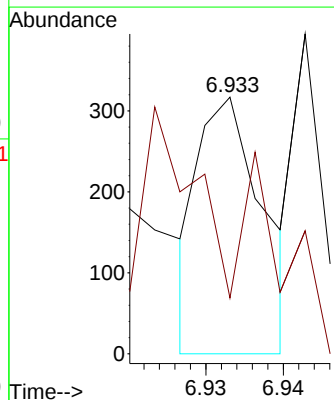
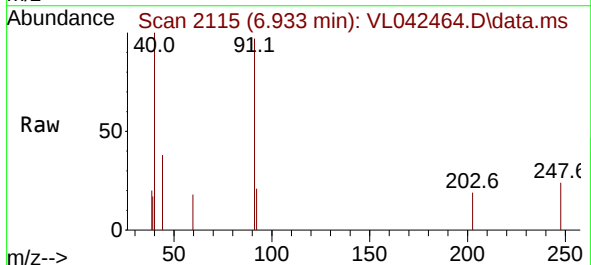
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

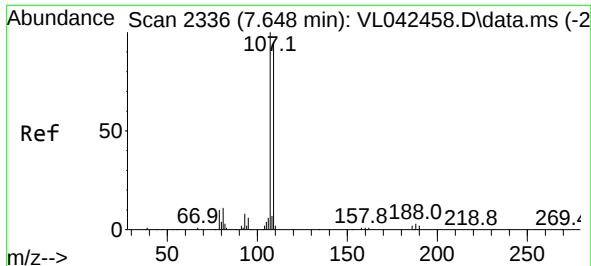
Tgt Ion: 43 Resp: 13
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#53
Toluene
Concen: 0.011 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 91 Resp: 183
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#

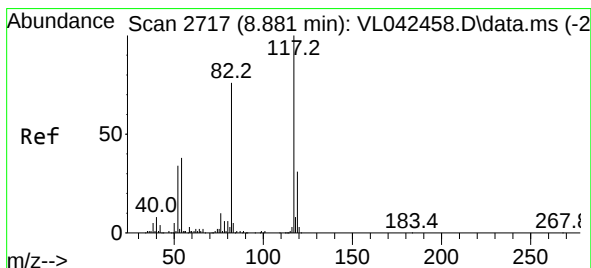
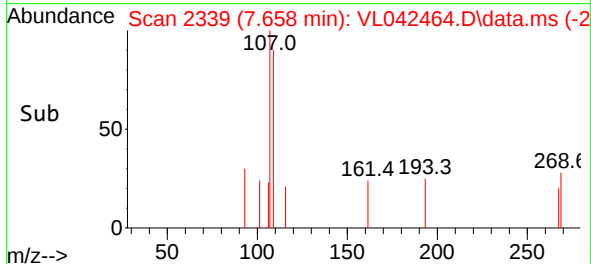
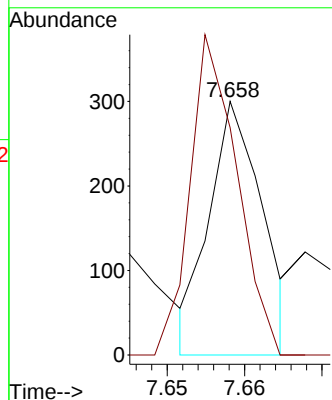
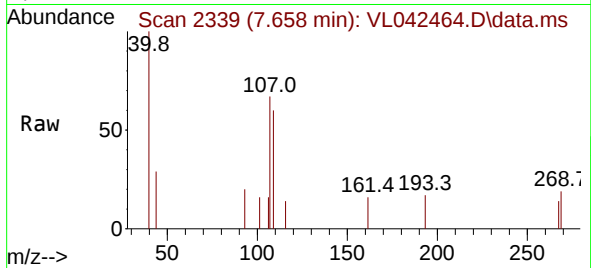




#54
1,2-Dibromoethane
Concen: 0.014 ppbv
RT: 7.658 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

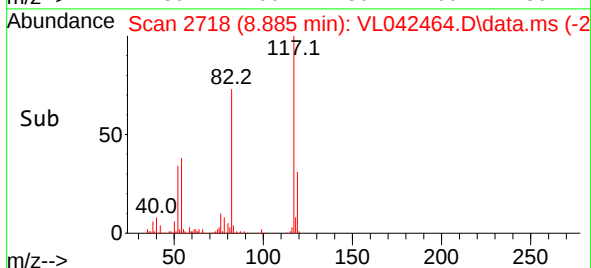
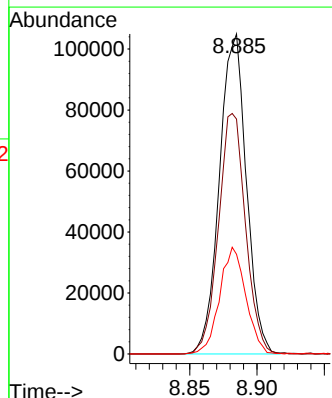
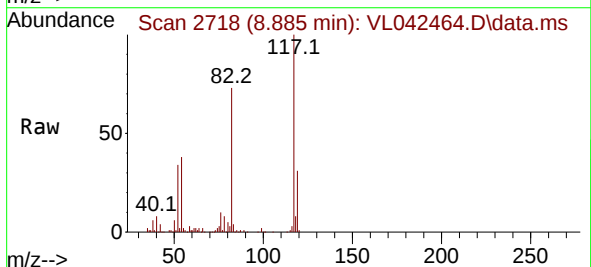
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

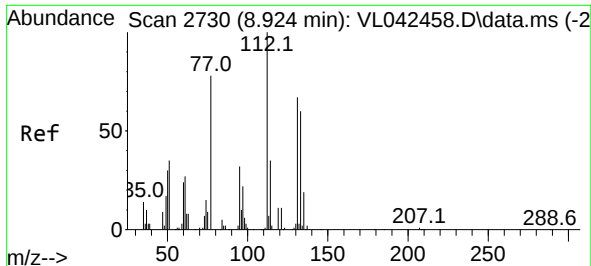
Tgt Ion:107 Resp: 143
Ion Ratio Lower Upper
107 100
109 109.8 76.0 114.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion:117 Resp: 145955
Ion Ratio Lower Upper
117 100
82 75.4 63.5 95.3
119 32.6 25.8 38.8

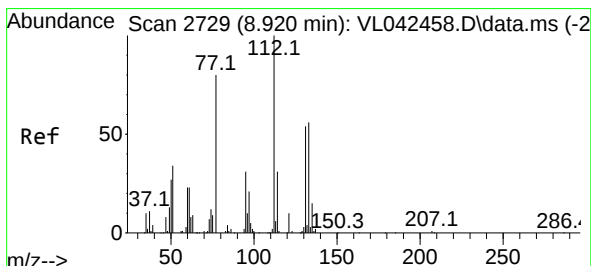
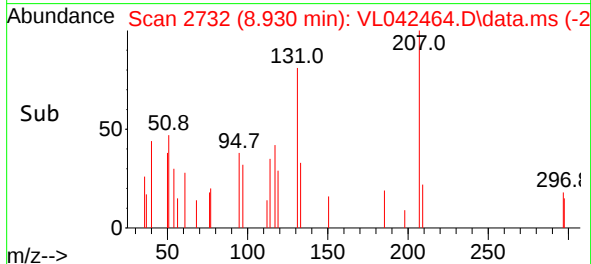
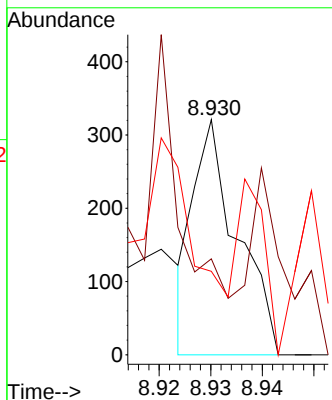
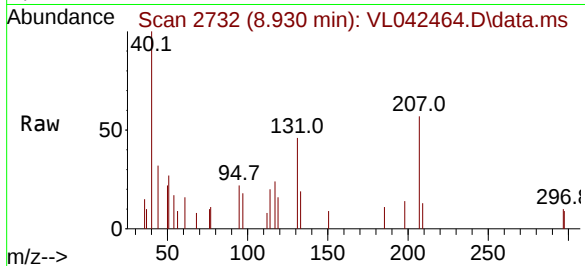




#56
1,1,1,2-Tetrachloroethane
Concen: 0.022 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

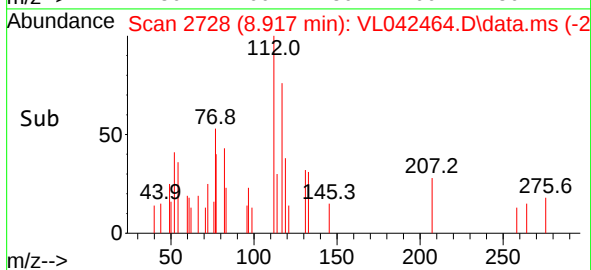
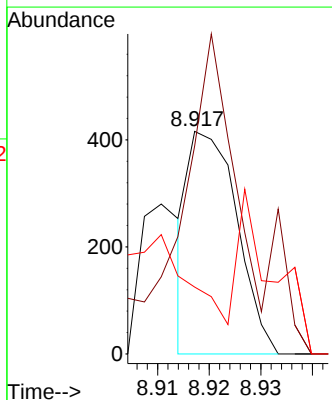
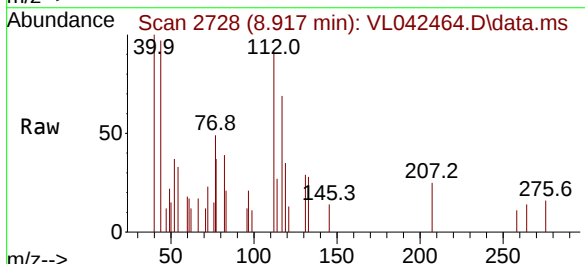
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.03

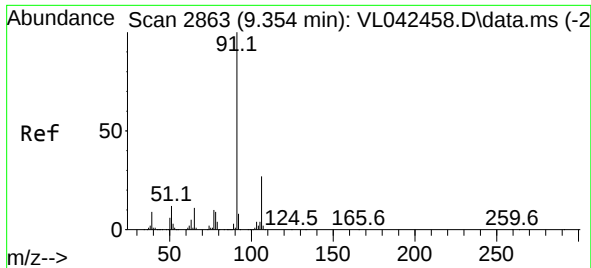
Tgt Ion:131 Resp: 190
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#



#57
Chlorobenzene
Concen: 0.018 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion:112 Resp: 271
Ion Ratio Lower Upper
112 100
77 40.9 65.0 97.4#
114 0.0 27.5 33.7#

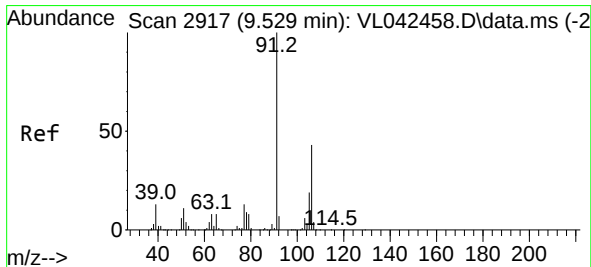
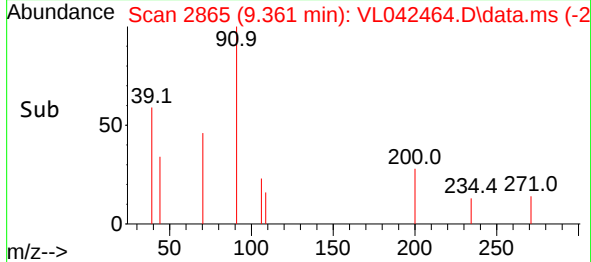
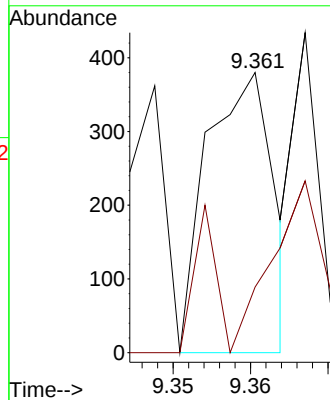
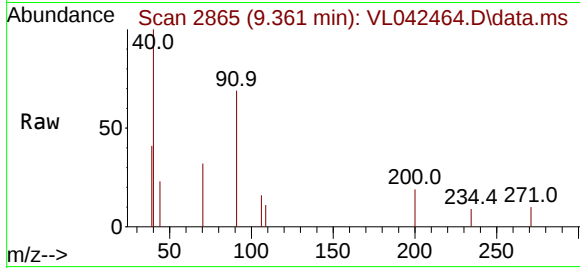




#58
Ethyl Benzene
Concen: 0.009 ppbv
RT: 9.361 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

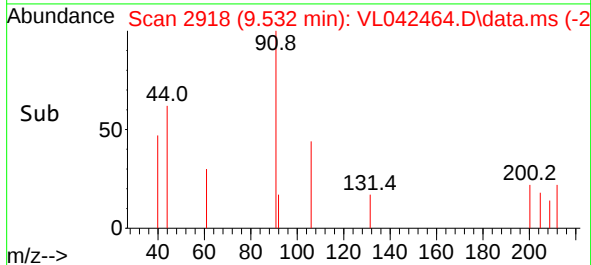
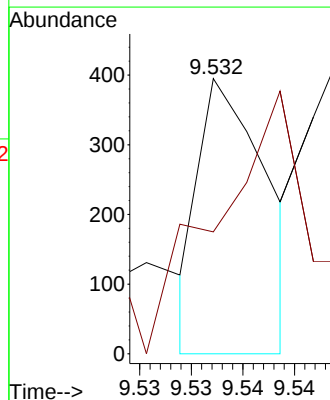
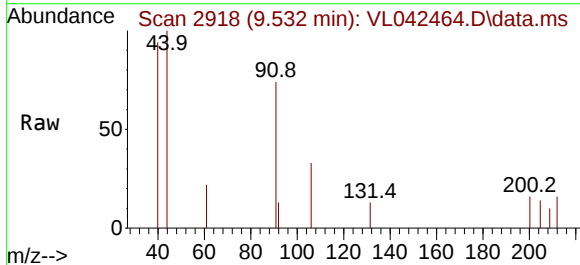
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

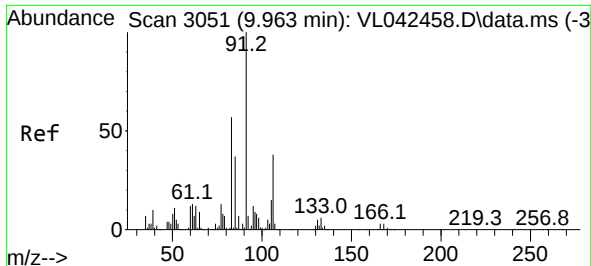
Tgt Ion: 91 Resp: 230
Ion Ratio Lower Upper
91 100
106 23.4 21.9 32.9



#59
m/p-Xylene
Concen: 0.009 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 91 Resp: 181
Ion Ratio Lower Upper
91 100
106 179.6 34.2 51.2#

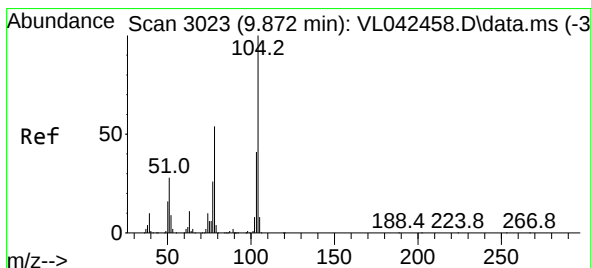
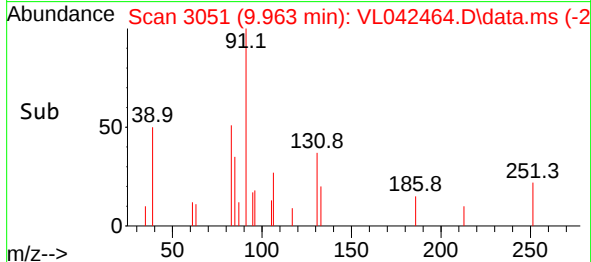
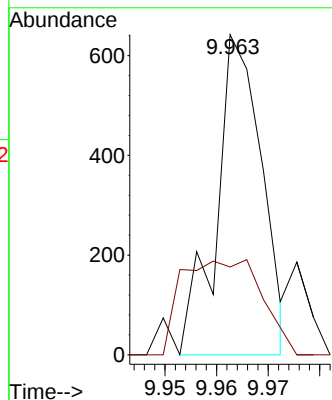
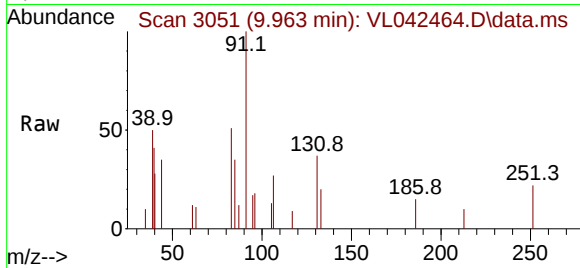




#60
o-Xylene
Concen: 0.019 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

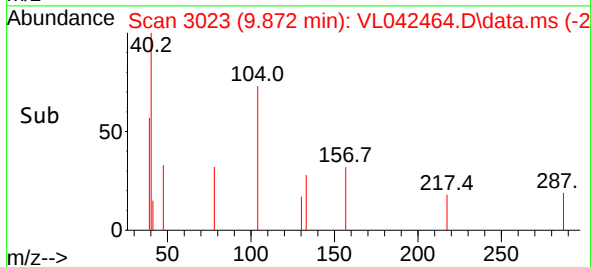
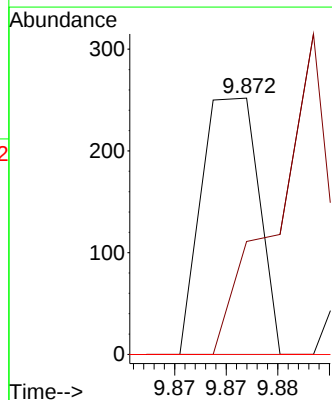
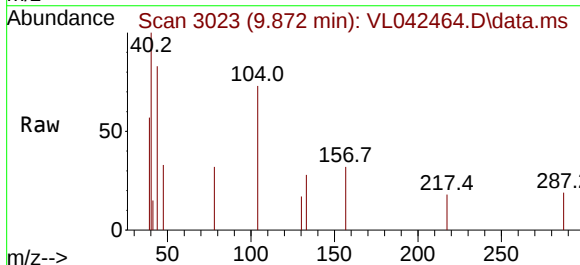
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

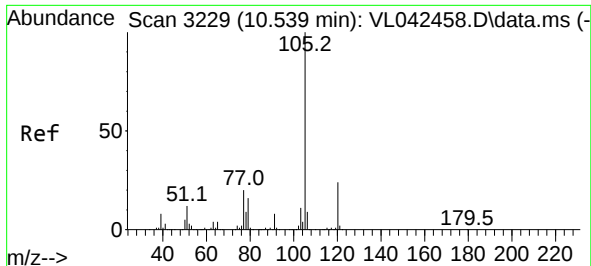
Tgt Ion: 91 Resp: 392
Ion Ratio Lower Upper
91 100
106 52.6 20.1 60.2



#61
Styrene
Concen: 0.013 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 104 Resp: 98
Ion Ratio Lower Upper
104 100
78 108.2 46.9 70.3#
103 0.0 36.6 55.0#

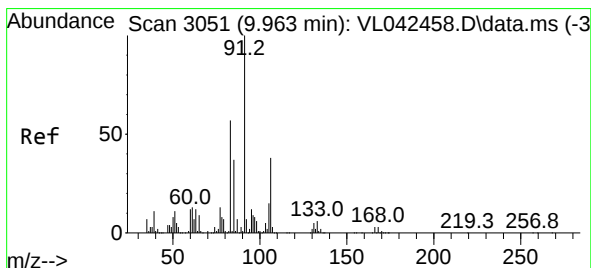
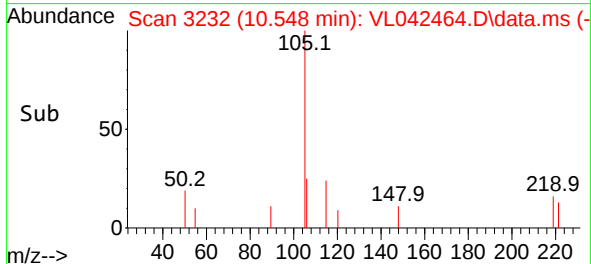
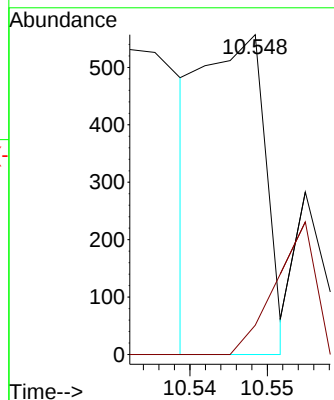
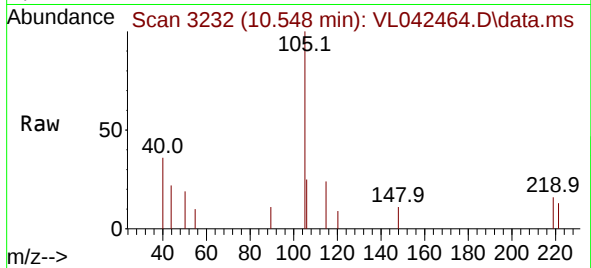




#62
Isopropylbenzene
Concen: 0.011 ppbv
RT: 10.548 min Scan# 317
Delta R.T. 0.010 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

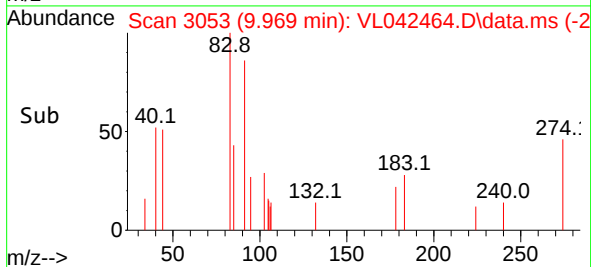
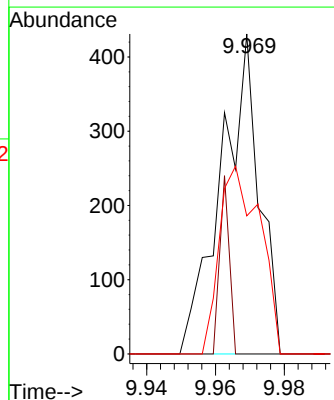
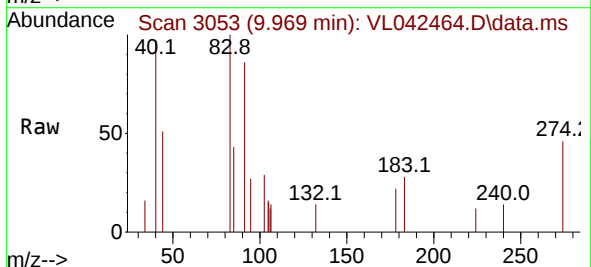
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

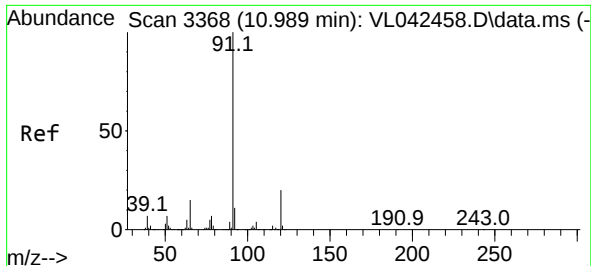
Tgt Ion:105 Resp: 317
Ion Ratio Lower Upper
105 100
120 0.0 18.8 28.2#



#63
1,1,2,2-Tetrachloroethane
Concen: 0.025 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 83 Resp: 331
Ion Ratio Lower Upper
83 100
131 14.2 4.7 14.1#
85 62.5 32.5 97.4

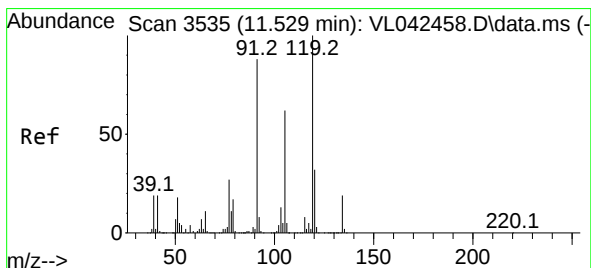
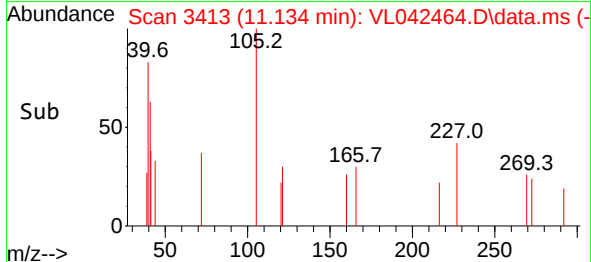
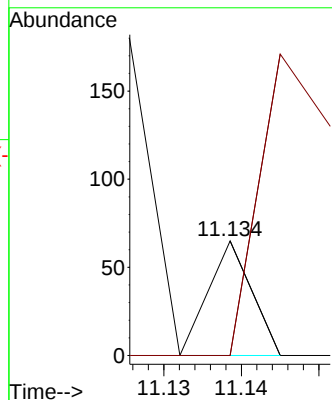
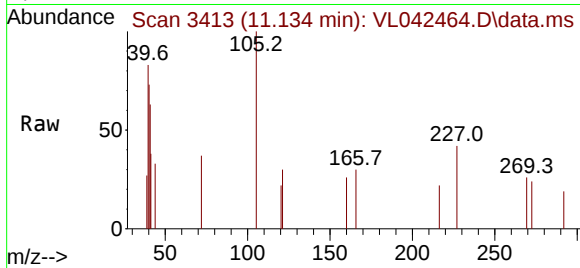




#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.146 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

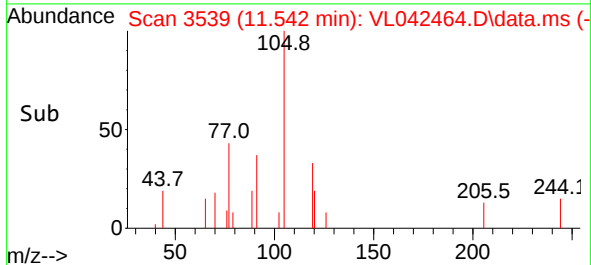
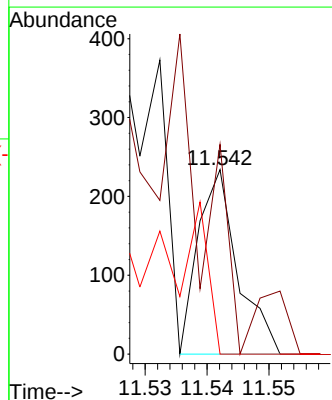
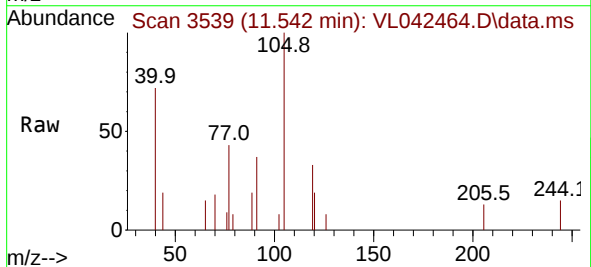
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

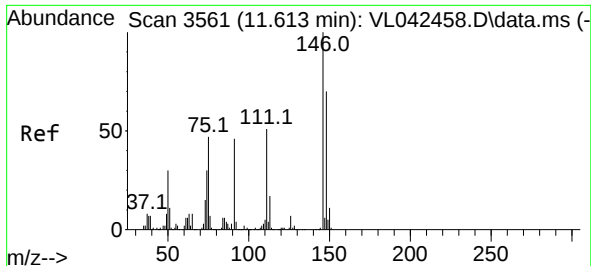
Tgt Ion:120 Resp: 13
Ion Ratio Lower Upper
120 100
91 546.2 408.6 612.8



#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.013 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

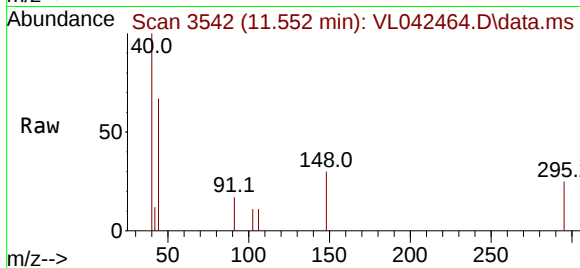
Tgt Ion:119 Resp: 104
Ion Ratio Lower Upper
119 100
91 0.0 71.6 107.4#
134 126.9 15.0 22.4#



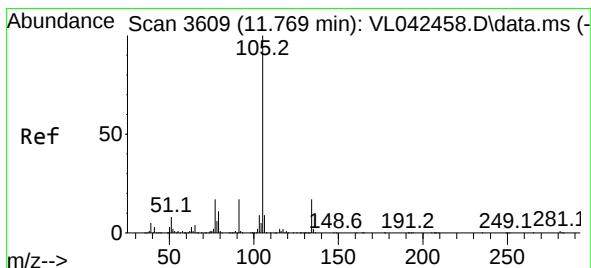
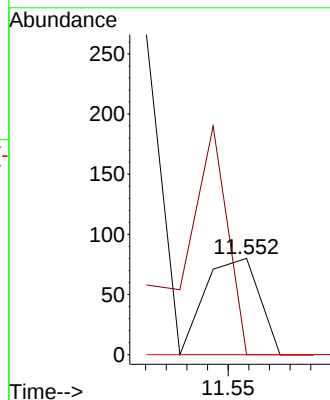
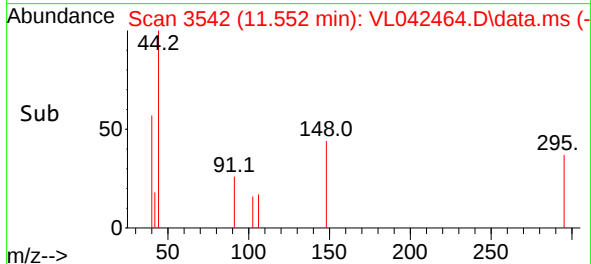


#66
Benzyl Chloride
Concen: 0.010 ppbv
RT: 11.552 min Scan# 311
Delta R.T. -0.061 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

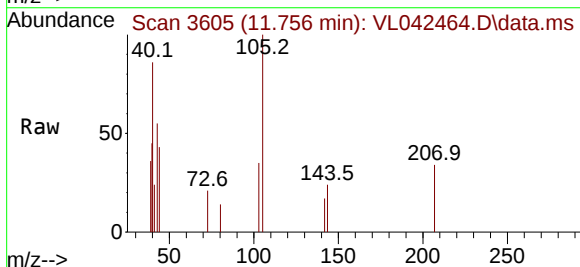
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



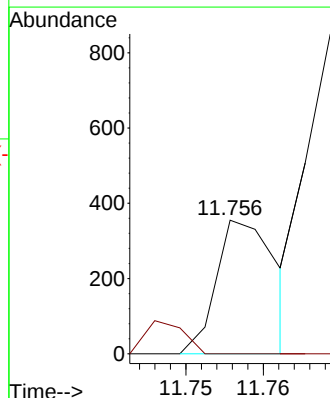
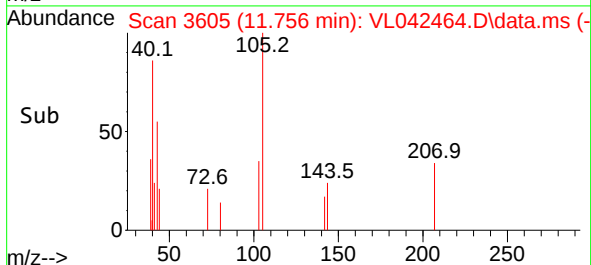
Tgt Ion: 91 Resp: 29
Ion Ratio Lower Upper
91 100
126 203.4 13.3 19.9#
128 0.0 4.2 6.4#

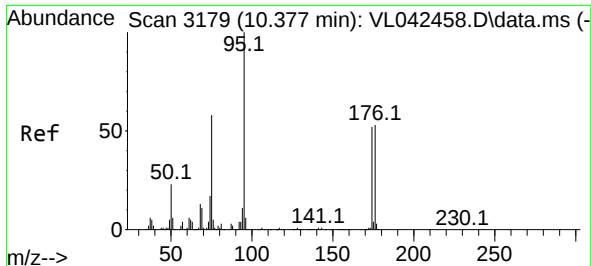


#67
sec-Butylbenzene
Concen: 0.005 ppbv
RT: 11.756 min Scan# 3605
Delta R.T. -0.013 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15



Tgt Ion: 105 Resp: 191
Ion Ratio Lower Upper
105 100
134 15.7 14.1 21.1

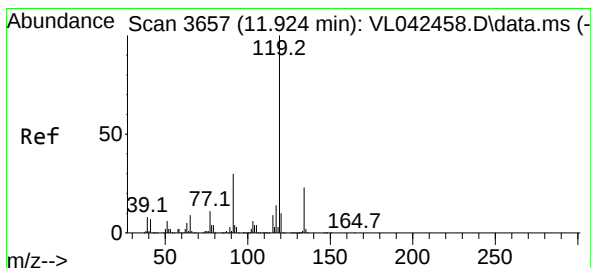
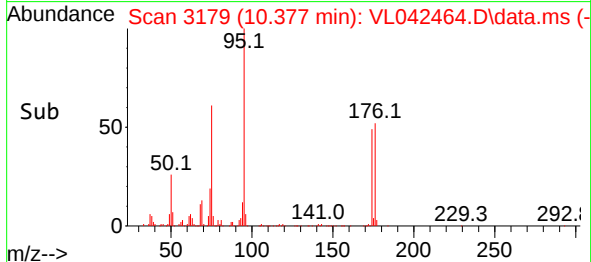
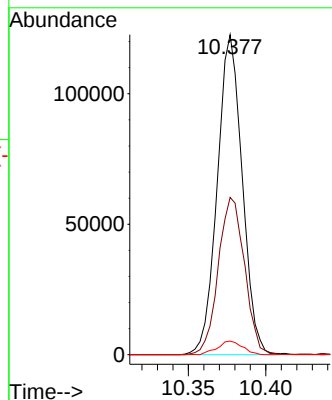
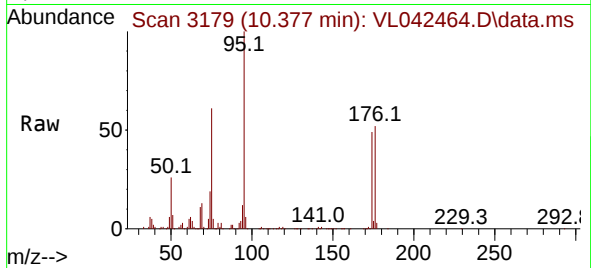




#68
1-Bromo-4-Fluorobenzene
Concen: 10.151 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

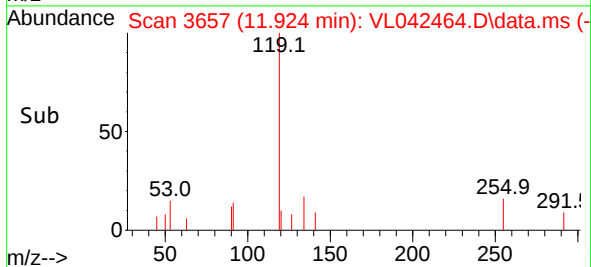
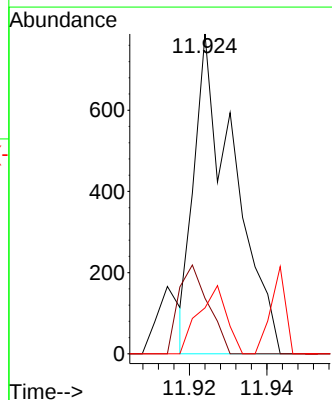
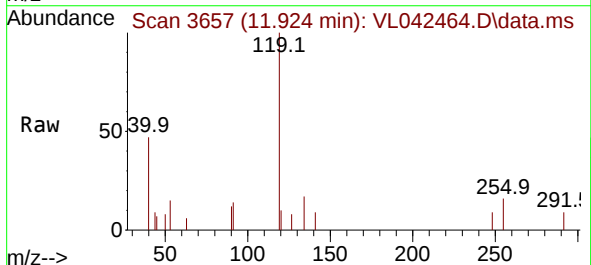
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

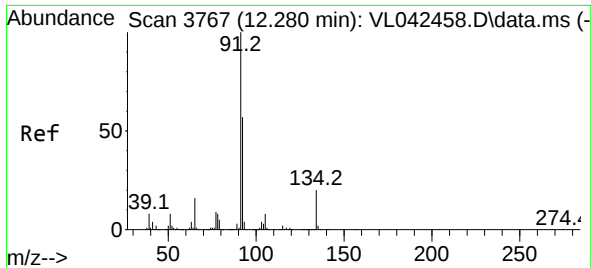
Tgt Ion: 95 Resp: 137362
Ion Ratio Lower Upper
95 100
174 51.7 42.7 64.1
175 4.3 3.6 5.4



#69
p-Isopropyltoluene
Concen: 0.018 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 119 Resp: 563
Ion Ratio Lower Upper
119 100
134 20.8 19.0 28.4
91 25.2 25.5 38.3#

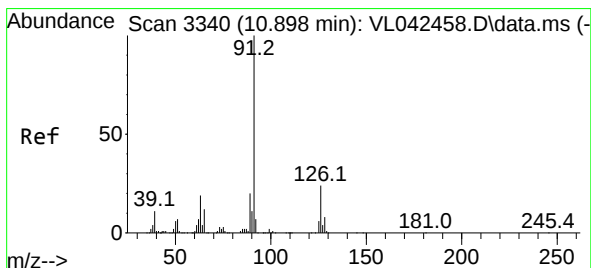
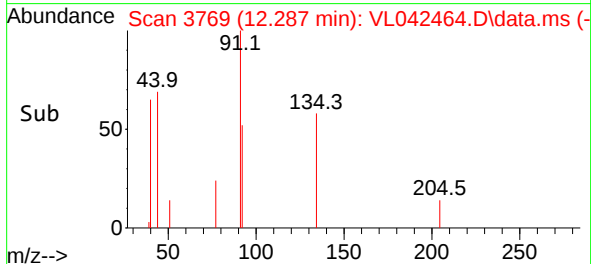
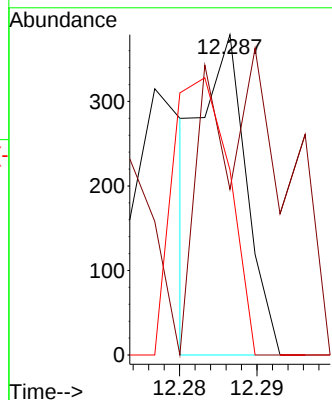
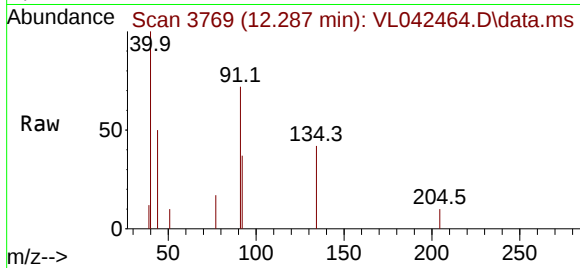




#70
n-Butylbenzene
Concen: 0.005 ppbv
RT: 12.287 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

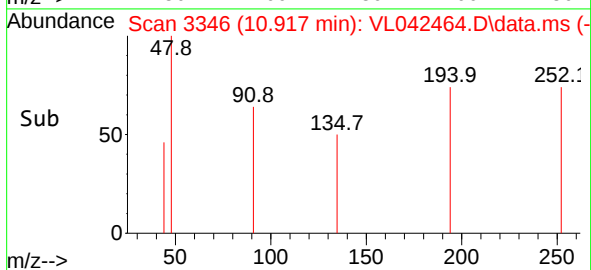
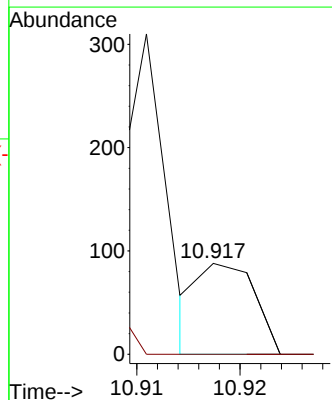
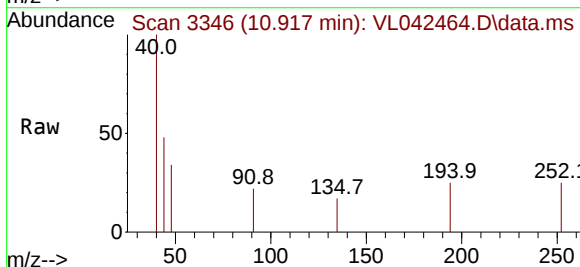
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

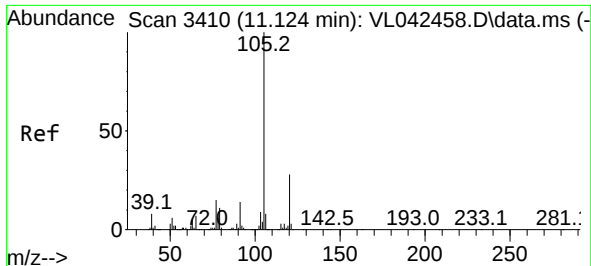
Tgt Ion: 91 Resp: 151
Ion Ratio Lower Upper
91 100
92 170.9 44.0 66.0#
134 109.9 16.8 25.2#



#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. 0.020 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion: 91 Resp: 32
Ion Ratio Lower Upper
91 100
126 31.3 10.6 42.2

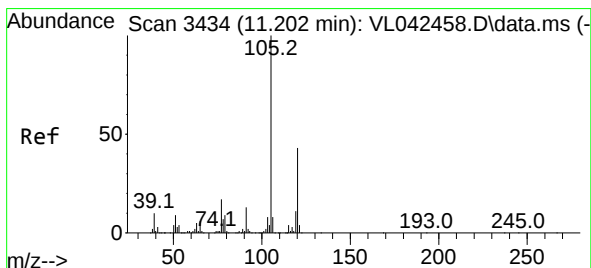
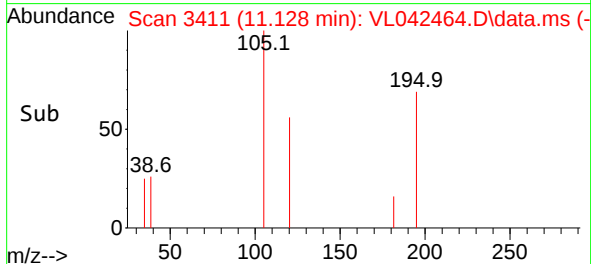
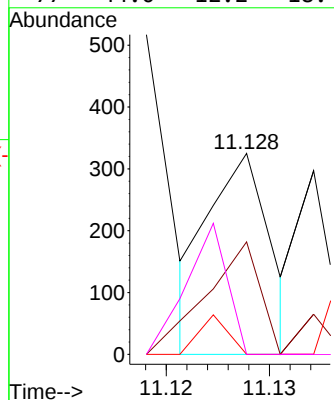
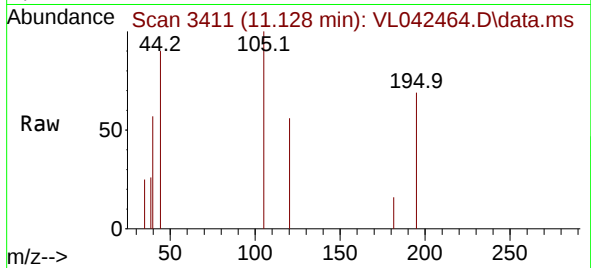




#72
4-Ethyltoluene
Concen: 0.006 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

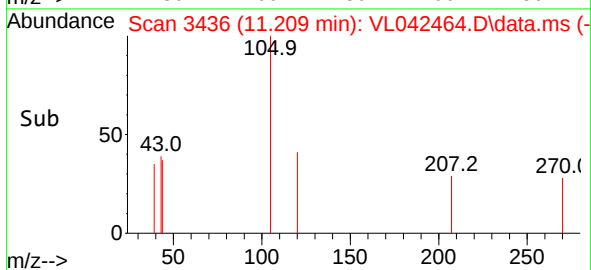
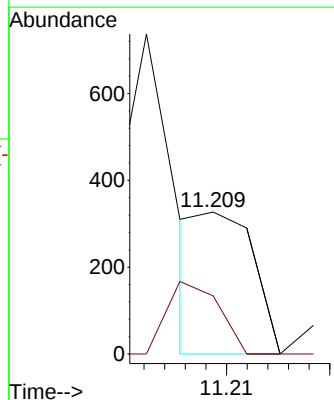
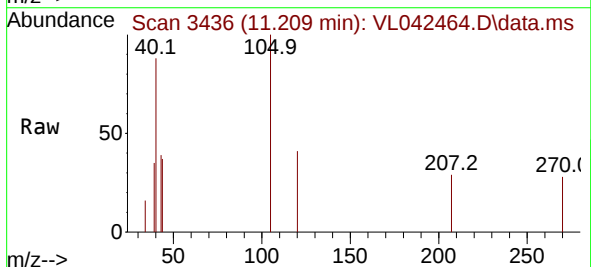
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

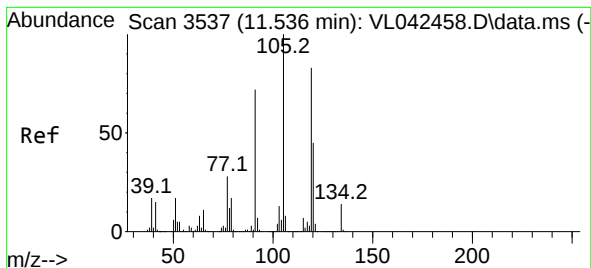
Tgt Ion:105	Resp:	134
Ion Ratio	Lower	Upper
105	100	
120	59.0	22.0 33.0#
91	0.0	11.2 16.8#
77	44.0	12.2 18.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.006 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.007 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion:105	Resp:	120
Ion Ratio	Lower	Upper
105	100	
120	41.0	34.4 51.6





#74

1,2,4-Trimethylbenzene

Concen: 0.019 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.007 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion:105 Resp: 481

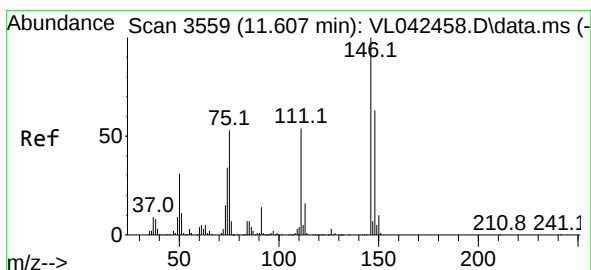
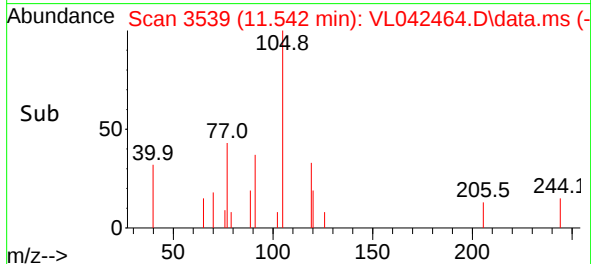
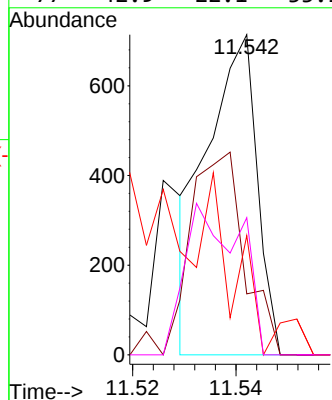
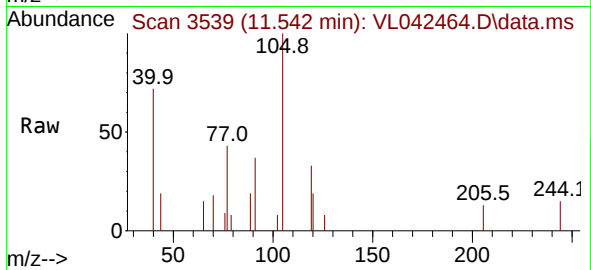
Ion Ratio Lower Upper

105 100

120 19.0 36.1 54.1#

91 27.3 57.6 86.4#

77 42.9 22.1 33.1#



#75

1,3-Dichlorobenzene

Concen: 0.019 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.003 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

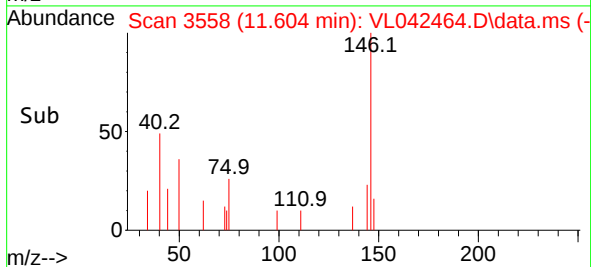
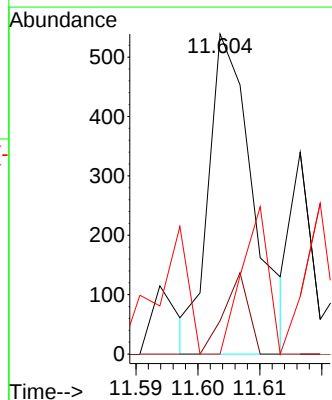
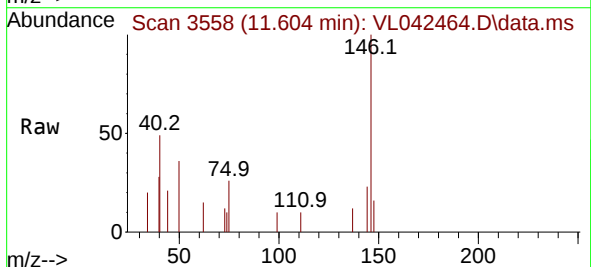
Tgt Ion:146 Resp: 269

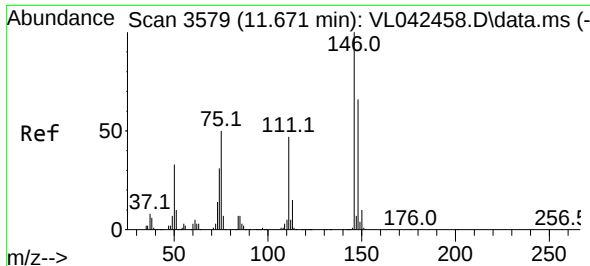
Ion Ratio Lower Upper

146 100

111 13.8 26.1 78.3#

148 0.0 32.0 96.0#

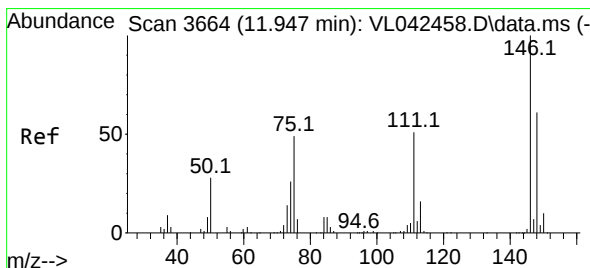
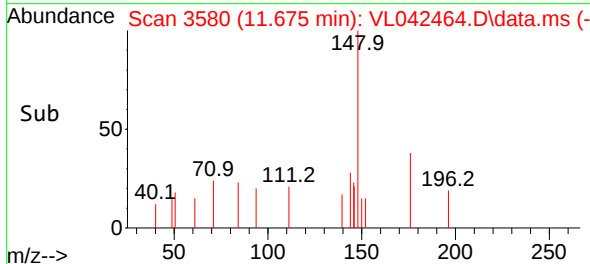
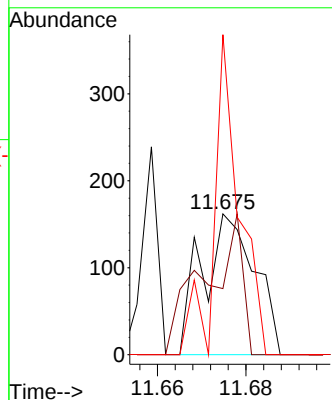
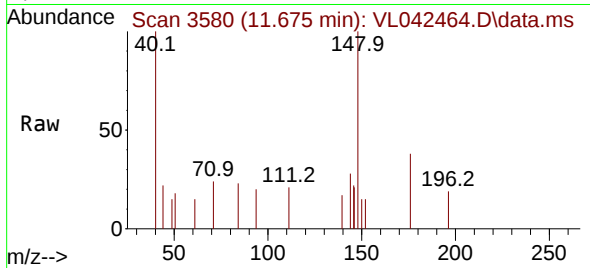




#76
1,4-Dichlorobenzene
Concen: 0.010 ppbv
RT: 11.675 min Scan# 3579
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

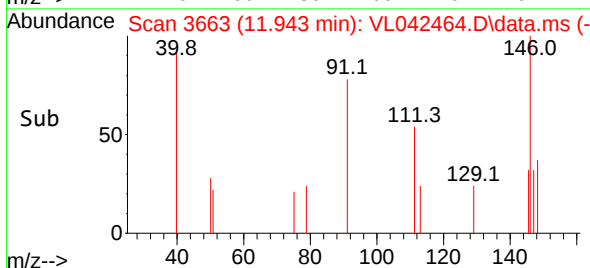
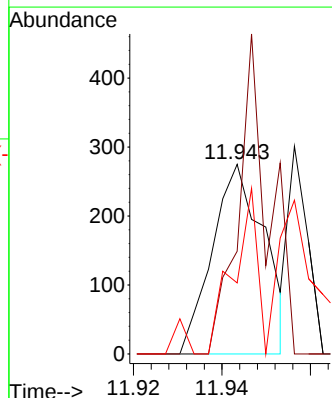
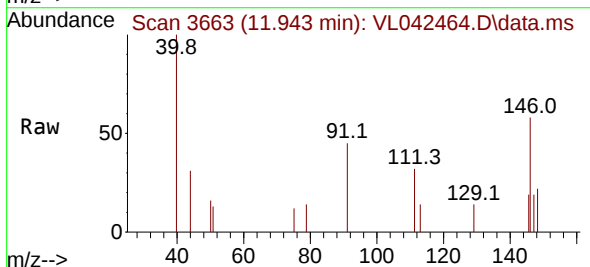
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

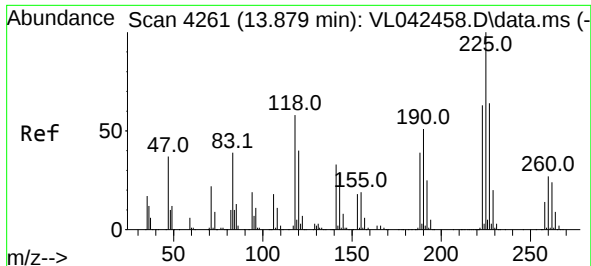
Tgt Ion:146 Resp: 134
Ion Ratio Lower Upper
146 100
111 70.9 24.4 73.2
148 108.2 32.0 96.2#



#77
1,2-Dichlorobenzene
Concen: 0.016 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion:146 Resp: 223
Ion Ratio Lower Upper
146 100
111 98.2 26.5 79.5#
148 101.8 31.5 94.5#

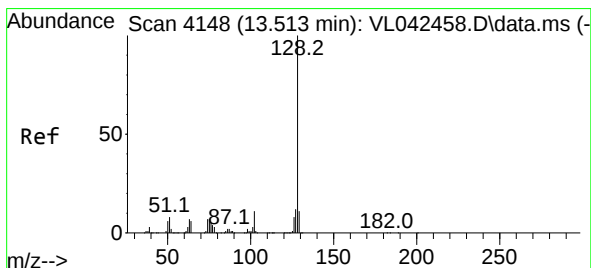
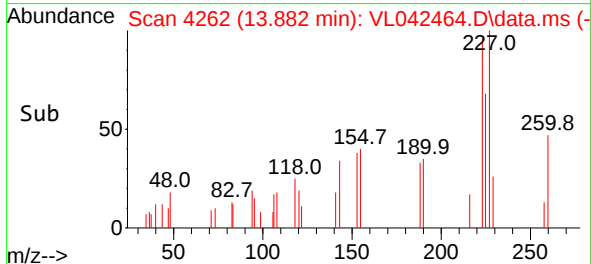
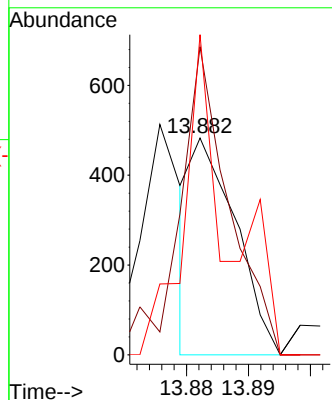
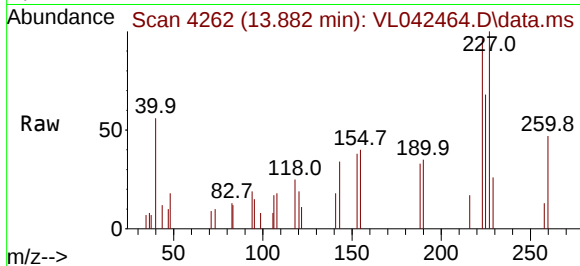




#78
Hexachloro-1,3-Butadiene
Concen: 0.017 ppbv
RT: 13.882 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

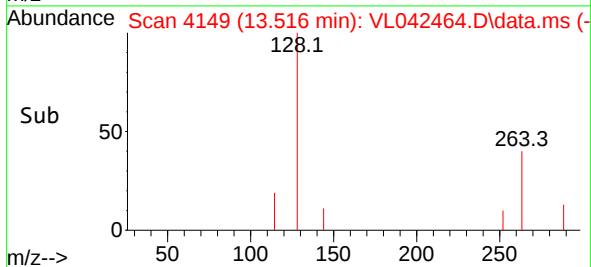
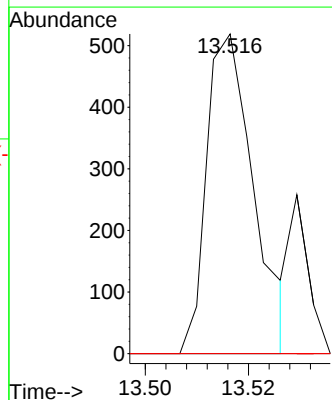
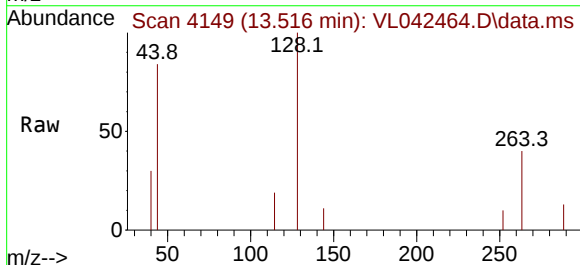
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

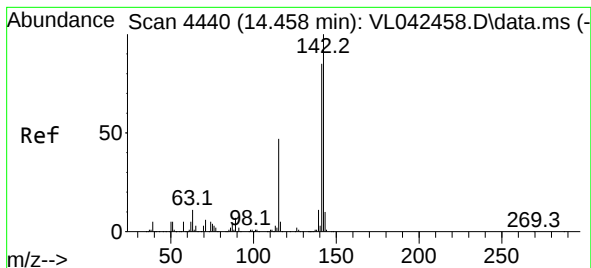
Tgt Ion:225 Resp: 239
Ion Ratio Lower Upper
225 100
223 159.0 50.2 75.4#
227 145.6 51.2 76.8#



#79
Naphthalene
Concen: 0.015 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042464.D
Acq: 01 May 2025 12:15

Tgt Ion:128 Resp: 329
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.6 13.0#





#80

Naphthalene, 2-methyl-

Concen: 0.001 ppbv

RT: 14.322 min Scan# 41

Delta R.T. -0.136 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

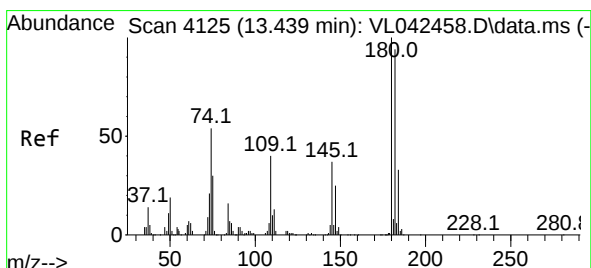
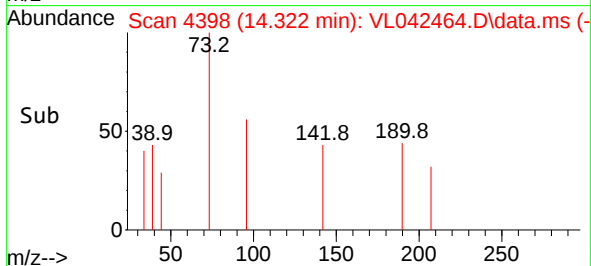
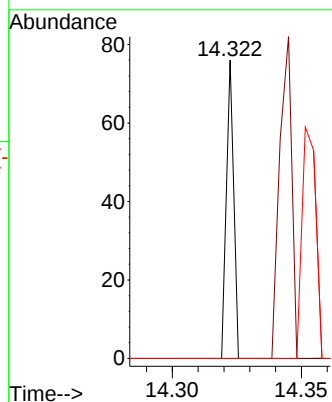
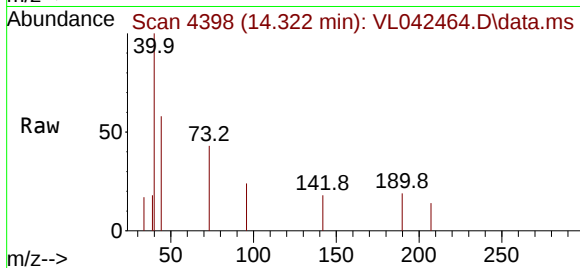
Tgt Ion:142 Resp: 15

Ion Ratio Lower Upper

142 100

141 180.0 67.4 101.0#

115 146.7 36.9 55.3#



#81

1,2,4-Trichlorobenzene

Concen: 0.006 ppbv

RT: 13.448 min Scan# 4128

Delta R.T. 0.010 min

Lab File: VL042464.D

Acq: 01 May 2025 12:15

Tgt Ion:180 Resp: 69

Ion Ratio Lower Upper

180 100

182 134.8 74.6 111.8#

184 94.2 24.9 37.3#

