

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042463.D
 Acq On : 01 May 2025 11:44
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Quant Time: May 02 01:43:51 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	64235	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	176202	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	151404	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	138202	9.845	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	788	0.074	ppbv #	87
3) Chlorodifluoromethane	1.479	51	901	0.080	ppbv	96
4) Chloromethane	1.534	50	321	0.072	ppbv #	82
5) Vinyl Chloride	1.583	62	295	0.066	ppbv	91
6) Bromomethane	1.667	94	243	0.115	ppbv	87
7) Chloroethane	1.706	64	126	0.076	ppbv #	70
8) Dichlorotetrafluoroethane	1.557	85	564	0.064	ppbv #	71
9) Propene	1.482	41	369	0.100	ppbv	90
10) Heptane	4.981	43	154	0.016	ppbv #	26
11) Trichlorofluoromethane	1.877	101	937	0.099	ppbv #	72
12) 1,1,2-Trichlorotrifluo...	2.139	101	687	0.088	ppbv	85
13) Ethanol	1.719	45	270	0.362	ppbv #	37
14) Bromoethene	1.780	108	241	0.083	ppbv #	74
15) Acetone	1.835	43	2010	0.171	ppbv	99
16) 1,3-Butadiene	1.609	39	426	0.082	ppbv #	59
17) tert-Butyl alcohol	2.042	59	888	0.086	ppbv #	77
18) 1,1-Dichloroethene	2.036	96	151	0.041	ppbv #	68
19) Isopropyl Alcohol	1.890	45	794	0.122	ppbv #	96
20) Methylene Chloride	2.062	84	721	0.205	ppbv #	67
21) Allyl Chloride	2.097	41	844	0.112	ppbv #	80
22) trans-1,2-Dichloroethene	2.343	96	442	0.103	ppbv #	60
23) Vinyl Acetate	2.463	43	512	0.047	ppbv #	68
24) 1,1-Dichloroethane	2.415	63	203	0.023	ppbv #	90
25) Ethyl Acetate	2.839	43	793	0.042	ppbv #	80
26) Hexane	2.832	57	303	0.037	ppbv #	1
27) Carbon Disulfide	2.149	76	868	0.091	ppbv #	1
28) Methyl tert-Butyl Ether	2.437	73	130	0.026	ppbv #	50
29) Chloroform	2.848	83	660	0.043	ppbv #	77
30) Cyclohexane	3.852	84	91	0.013	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	73	0.008	ppbv	90
32) 1,1,1-Trichloroethane	3.373	97	1114	0.067	ppbv	90
34) 2-Butanone	2.554	43	93	0.007	ppbv #	55
35) Carbon Tetrachloride	3.768	117	866	0.057	ppbv #	62
36) Benzene	3.661	78	712	0.043	ppbv #	79
37) 1,2-Dichloroethane	3.217	62	750	0.059	ppbv #	84
38) Trichloroethene	4.544	130	146	0.023	ppbv #	2
39) 1,2-Dichloropropane	3.958	63	52856	8.485	ppbv #	20
40) 1,4-Dioxane	4.651	88	28	0.010	ppbv #	100
41) Tetrahydrofuran	3.065	42	55	0.009	ppbv #	1
42) Bromodichloromethane	4.492	83	546	0.035	ppbv #	24
43) Methyl Methacrylate	4.881	69	31	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	4.635	57	327	0.012	ppbv #	40
45) t-1,3-Dichloropropene	6.415	75	270	0.033	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042463.D
 Acq On : 01 May 2025 11:44
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

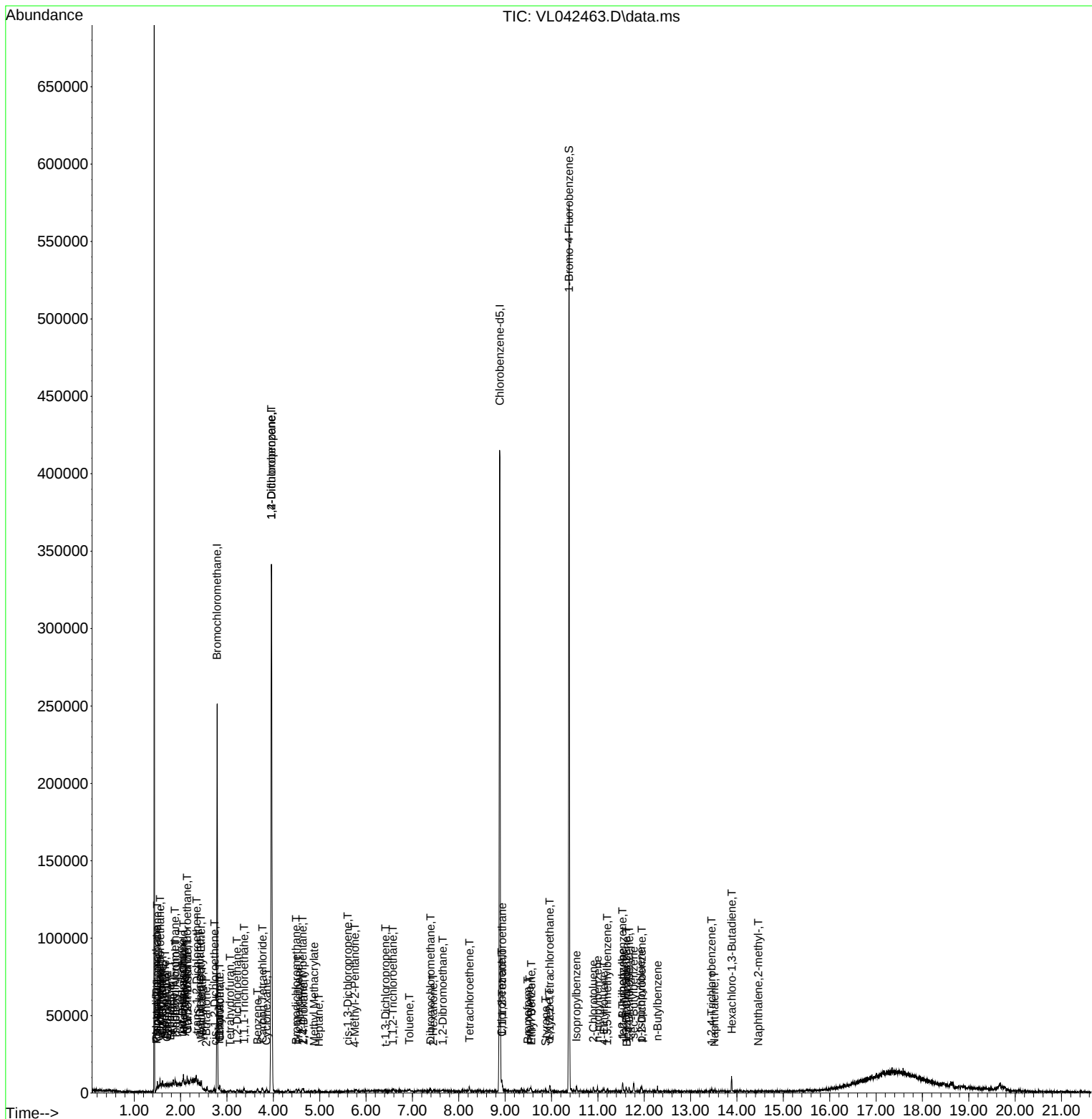
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 ClientSampleId :
 VSTDICC0.03

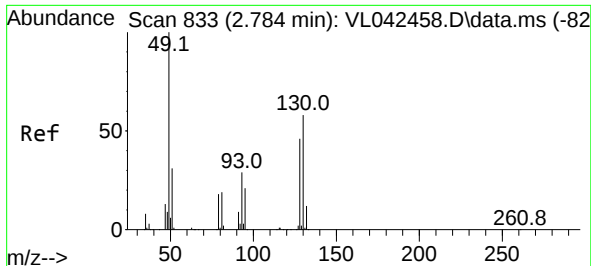
Quant Time: May 02 01:43:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.603	75	152	0.016	ppbv	#	28
47) 1,1,2-Trichloroethane	6.580	97	37	0.005	ppbv	#	32
48) Dibromochloromethane	7.393	129	540	0.047	ppbv		78
49) Bromoform	9.487	173	496	0.051	ppbv	#	75
50) 4-Methyl-2-Pentanone	5.758	43	33	0.002	ppbv	#	38
51) 2-Hexanone	7.448	43	140	0.011	ppbv	#	31
52) Tetrachloroethene	8.231	164	202	0.032	ppbv	#	30
53) Toluene	6.933	91	471	0.027	ppbv	#	82
54) 1,2-Dibromoethane	7.651	107	226	0.022	ppbv	#	27
56) 1,1,1,2-Tetrachloroethane	8.933	131	347	0.039	ppbv	#	10
57) Chlorobenzene	8.923	112	404	0.027	ppbv	#	70
58) Ethyl Benzene	9.561	91	453	0.018	ppbv		99
59) m/p-Xylene	9.529	91	595	0.028	ppbv	#	33
60) o-Xylene	9.953	91	205	0.010	ppbv		80
61) Styrene	9.872	104	140	0.018	ppbv	#	1
62) Isopropylbenzene	10.535	105	1084	0.035	ppbv	#	52
63) 1,1,2,2-Tetrachloroethane	9.962	83	401	0.029	ppbv	#	2
64) n-propylbenzene	10.992	120	256	0.034	ppbv		79
65) tert-Butylbenzene	11.532	119	1146	0.042	ppbv		85
66) Benzyl Chloride	11.626	91	55	0.017	ppbv	#	67
67) sec-Butylbenzene	11.772	105	1338	0.034	ppbv	#	80
69) p-Isopropyltoluene	11.927	119	1065	0.033	ppbv	#	93
70) n-Butylbenzene	12.286	91	1153	0.034	ppbv	#	74
71) 2-Chlorotoluene	10.904	91	922	0.038	ppbv		89
72) 4-Ethyltoluene	11.128	105	780	0.031	ppbv	#	61
73) 1,3,5-Trimethylbenzene	11.202	105	436	0.020	ppbv	#	73
74) 1,2,4-Trimethylbenzene	11.532	105	521	0.020	ppbv	#	83
75) 1,3-Dichlorobenzene	11.613	146	497	0.034	ppbv	#	57
76) 1,4-Dichlorobenzene	11.671	146	360	0.026	ppbv	#	27
77) 1,2-Dichlorobenzene	11.950	146	449	0.031	ppbv	#	50
78) Hexachloro-1,3-Butadiene	13.885	225	663	0.046	ppbv	#	56
79) Naphthalene	13.510	128	202	0.009	ppbv	#	70
80) Naphthalene,2-methyl-	14.461	142	50	0.003	ppbv	#	45
81) 1,2,4-Trichlorobenzene	13.448	180	112	0.009	ppbv	#	1

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

Quant Time: May 02 01:43:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
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QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration

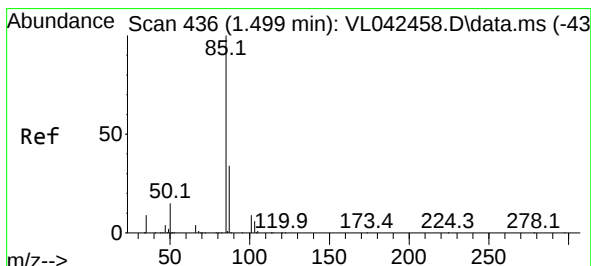
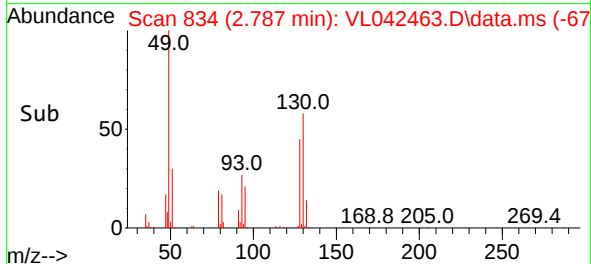
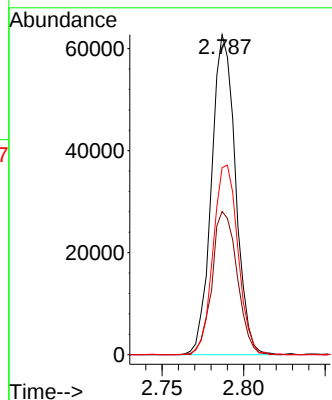
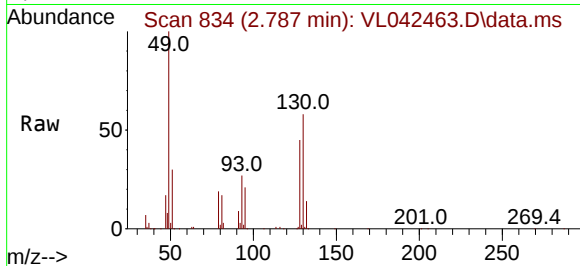




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

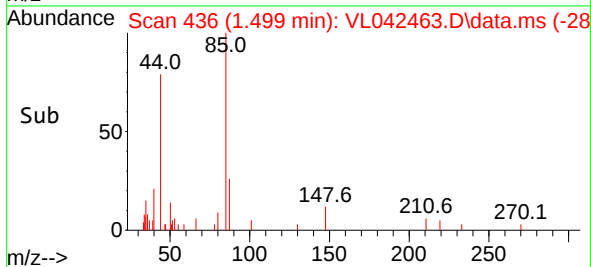
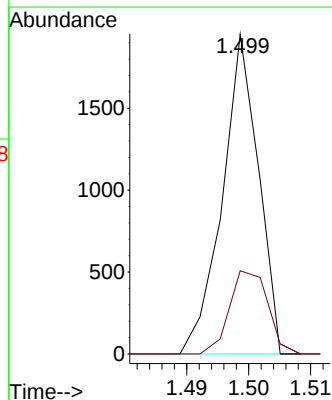
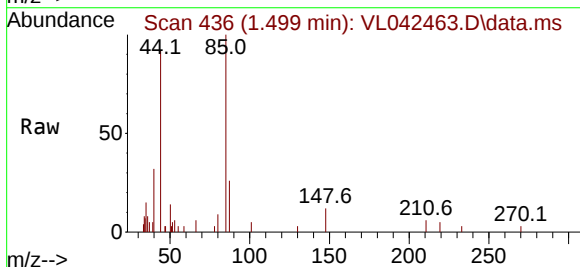
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

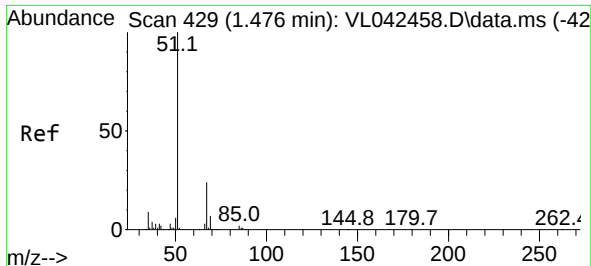
Tgt Ion: 49 Resp: 64235
Ion Ratio Lower Upper
49 100
128 46.9 23.3 69.9
130 61.2 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.074 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 85 Resp: 788
Ion Ratio Lower Upper
85 100
87 26.0 26.9 40.3#

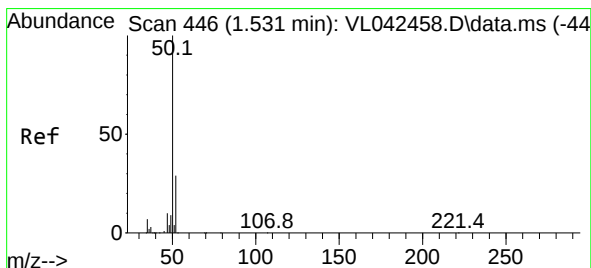
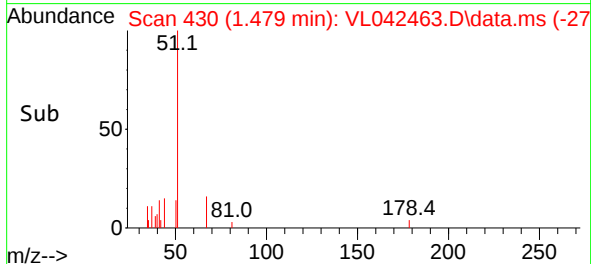
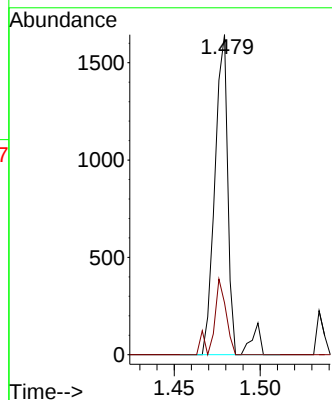
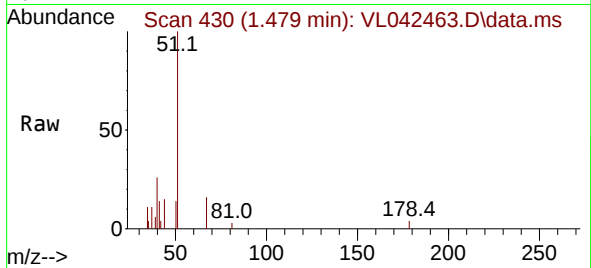




#3
Chlorodifluoromethane
Concen: 0.080 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

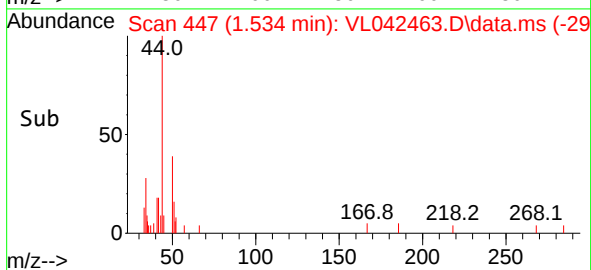
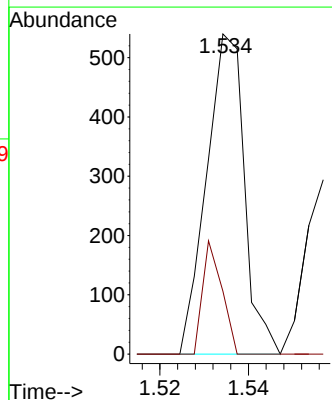
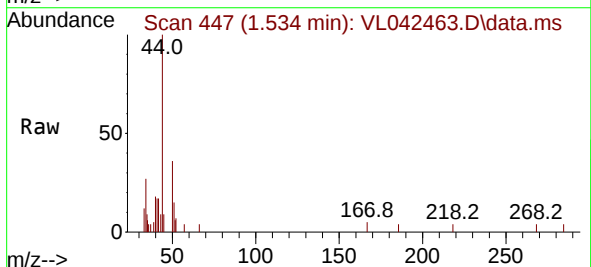
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

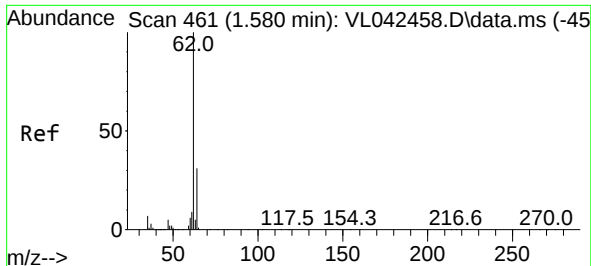
Tgt Ion: 51 Resp: 901
Ion Ratio Lower Upper
51 100
67 21.1 18.4 27.6



#4
Chloromethane
Concen: 0.072 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 50 Resp: 321
Ion Ratio Lower Upper
50 100
52 19.6 23.5 35.3#

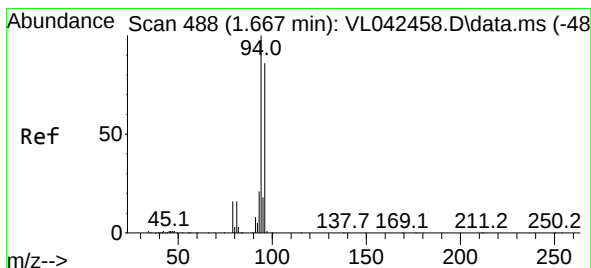
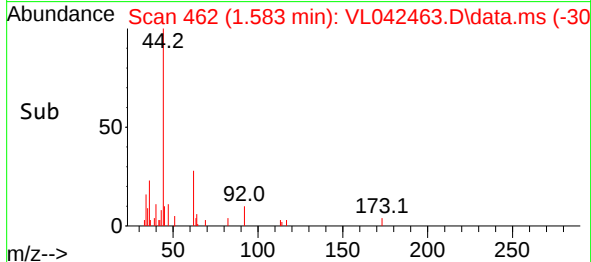
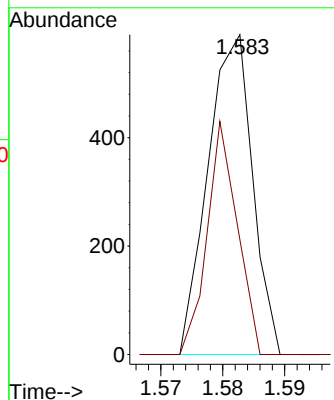
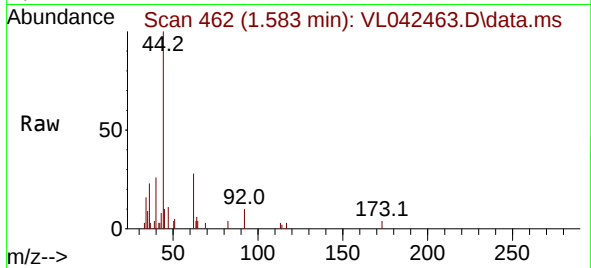




#5
 Vinyl Chloride
 Concen: 0.066 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

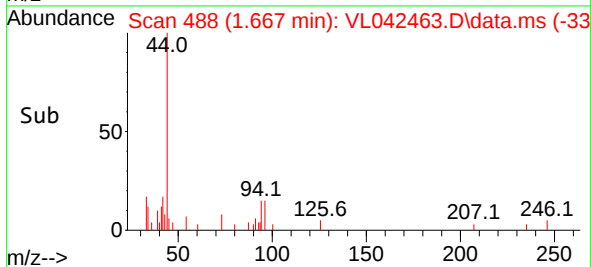
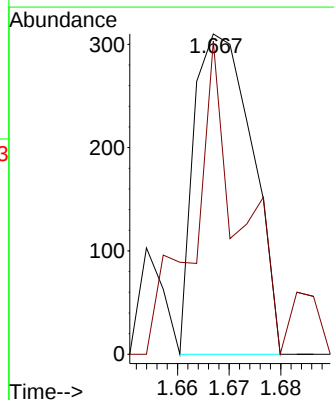
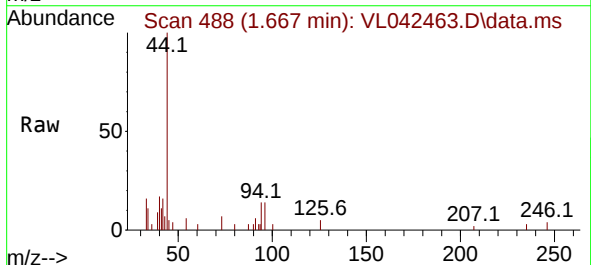
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 62 Resp: 295
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.9 37.3



#6
 Bromomethane
 Concen: 0.115 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 94 Resp: 243
 Ion Ratio Lower Upper
 94 100
 96 97.7 68.8 103.2

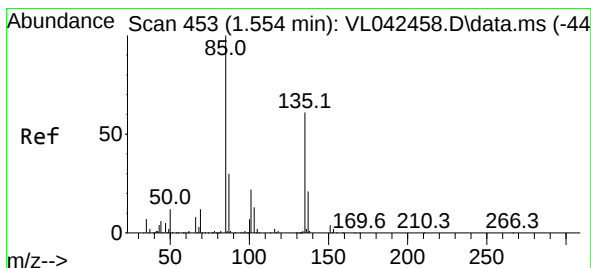
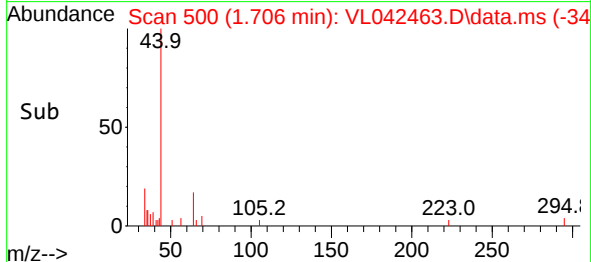
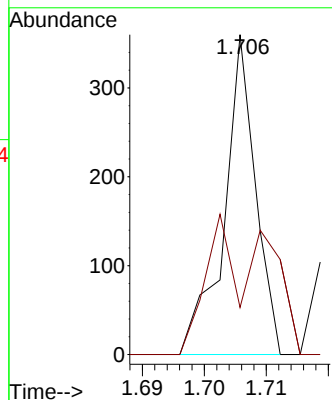
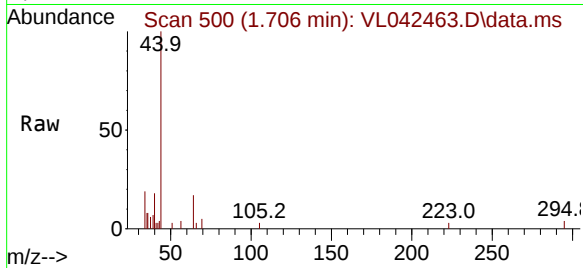




#7
Chloroethane
Concen: 0.076 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

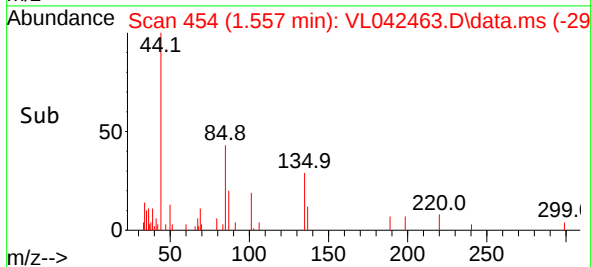
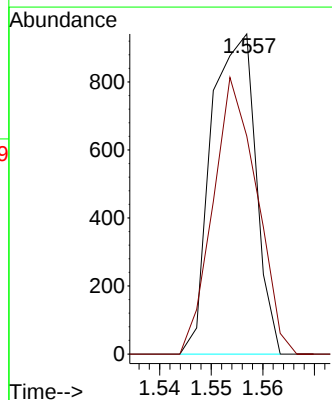
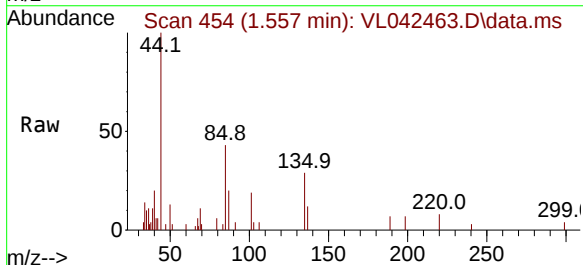
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MSVOA_L
ClientSampleId :
VSTDIC0.03

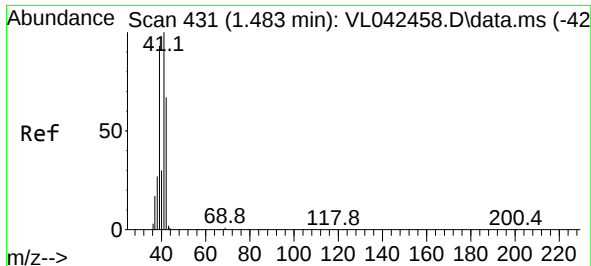
Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 14.7 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.064 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 85 Resp: 564
Ion Ratio Lower Upper
85 100
135 84.9 49.8 74.8#





#9

Propene

Concen: 0.100 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

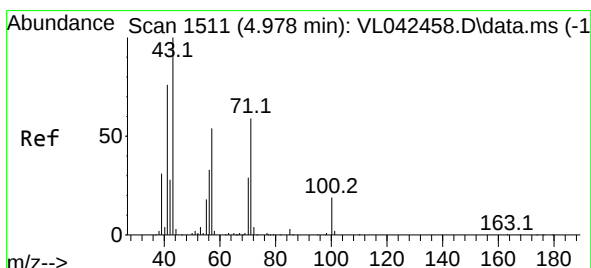
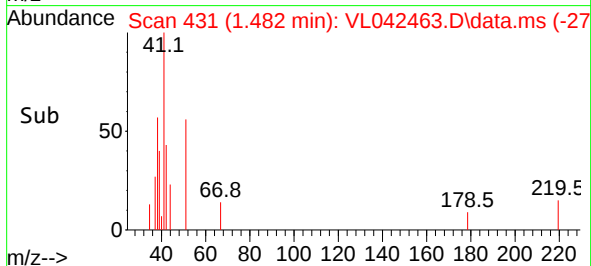
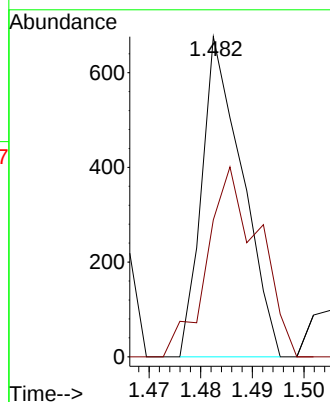
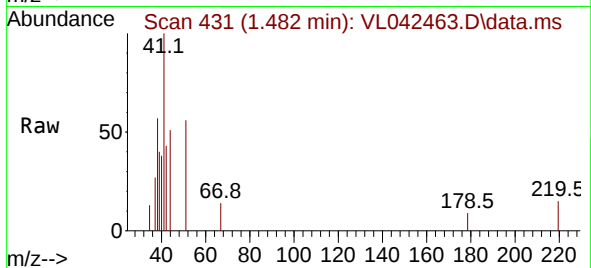
VSTDICC0.03

Tgt Ion: 41 Resp: 369

Ion Ratio Lower Upper

41 100

42 76.2 54.3 81.5



#10

Heptane

Concen: 0.016 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VL042463.D

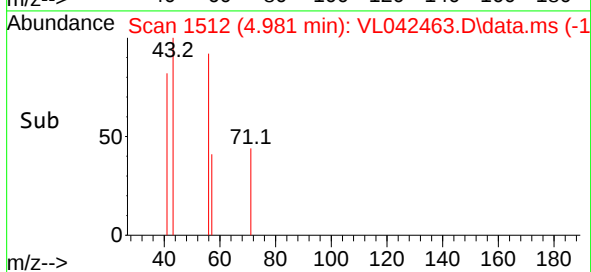
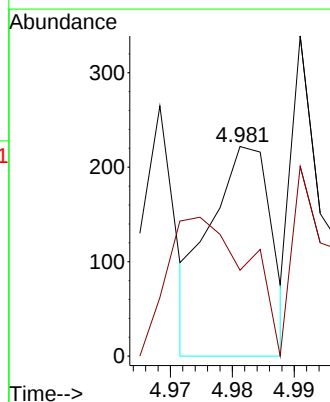
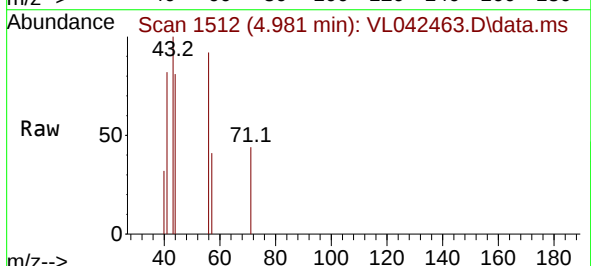
Acq: 01 May 2025 11:44

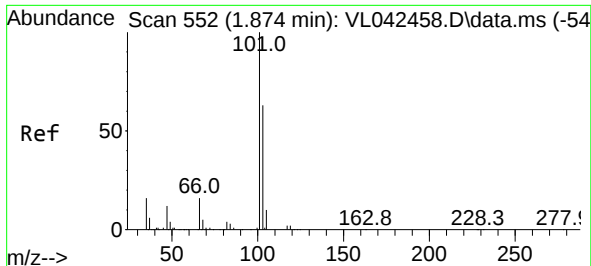
Tgt Ion: 43 Resp: 154

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

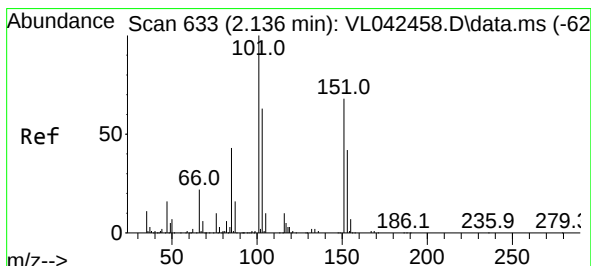
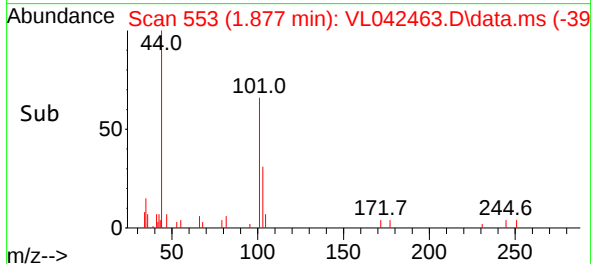
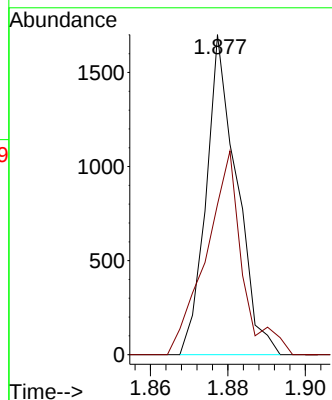
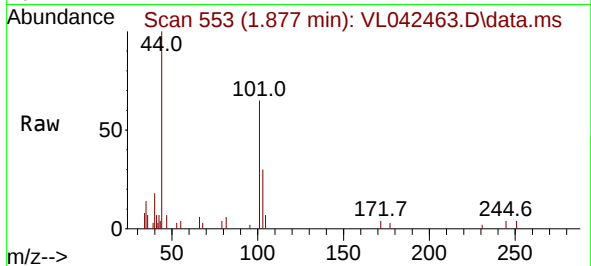




#11
 Trichlorofluoromethane
 Concen: 0.099 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

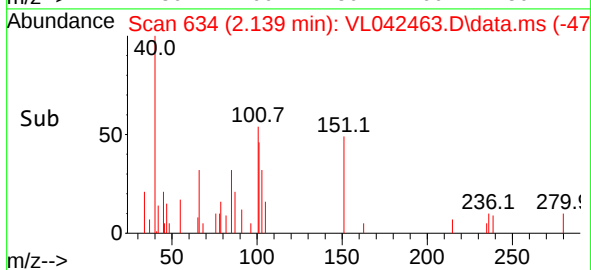
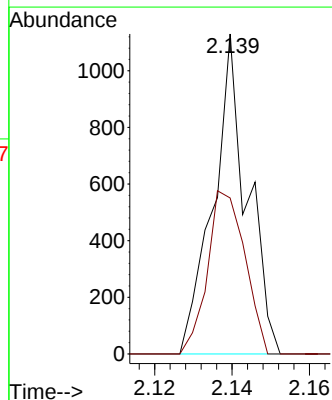
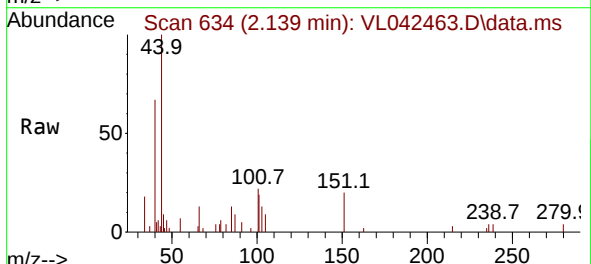
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

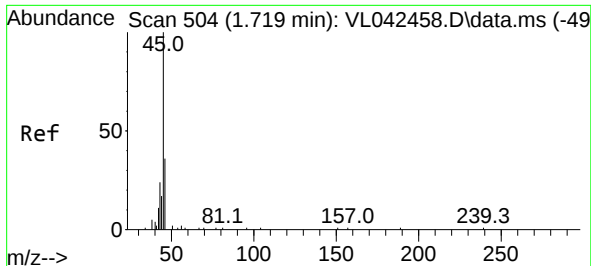
Tgt Ion:101 Resp: 937
 Ion Ratio Lower Upper
 101 100
 103 41.7 50.6 76.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.088 ppbv
 RT: 2.139 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion:101 Resp: 687
 Ion Ratio Lower Upper
 101 100
 151 56.0 54.6 82.0

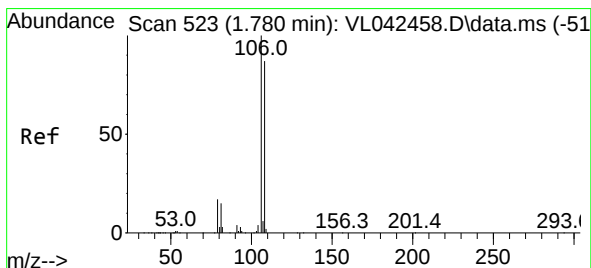
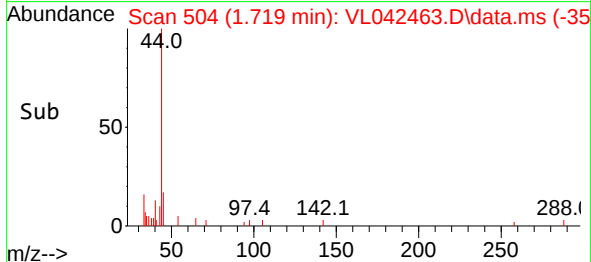
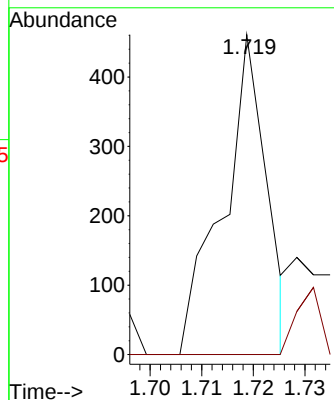
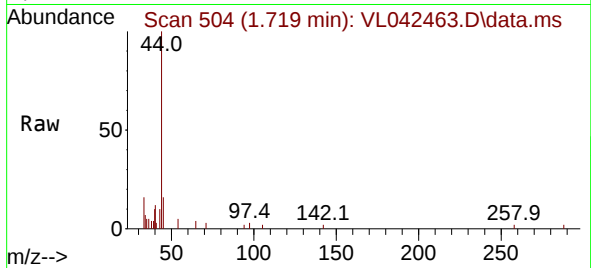




#13
 Ethanol
 Concen: 0.362 ppbv
 RT: 1.719 min Scan# 504
 Delta R.T. -0.000 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

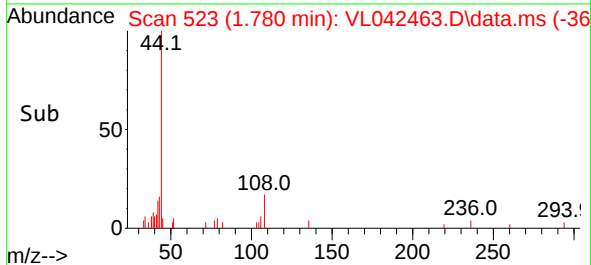
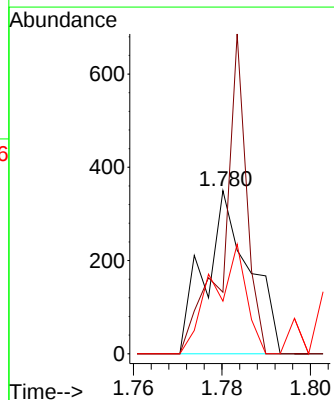
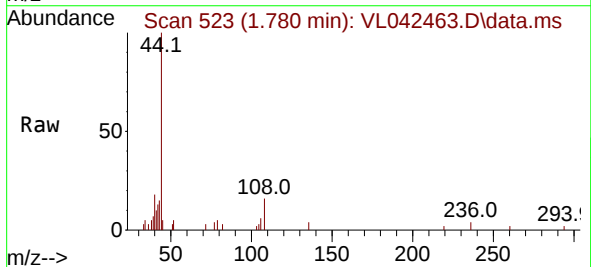
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

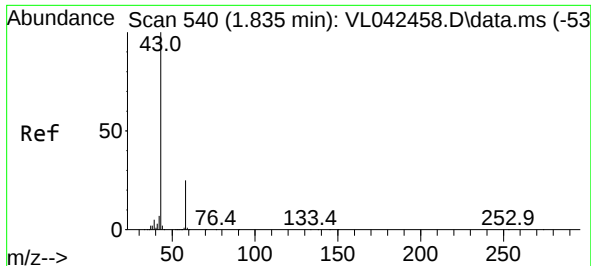
Tgt Ion: 45 Resp: 270
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.083 ppbv
 RT: 1.780 min Scan# 523
 Delta R.T. -0.000 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 108 Resp: 241
 Ion Ratio Lower Upper
 108 100
 106 100.8 88.8 133.2
 79 72.6 17.1 25.7#

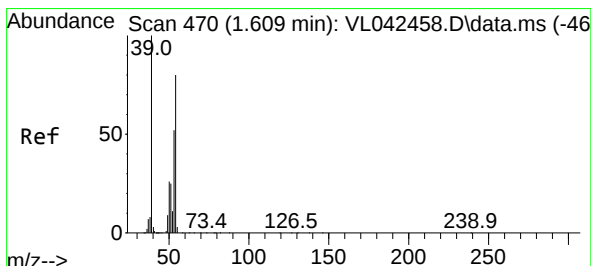
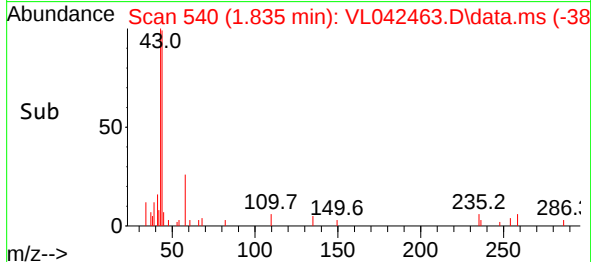
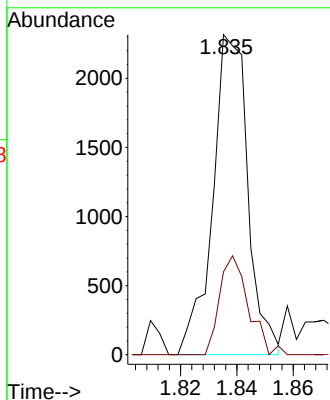
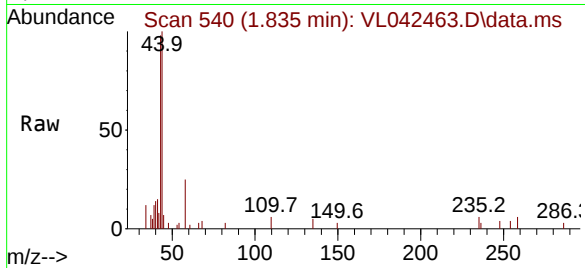




#15
Acetone
Concen: 0.171 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

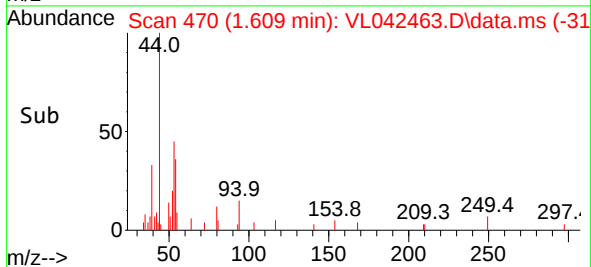
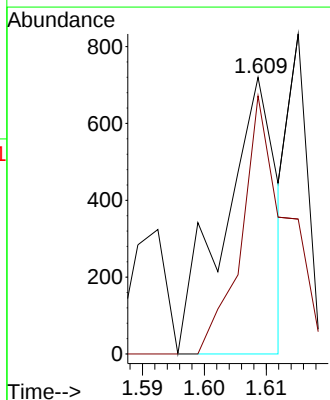
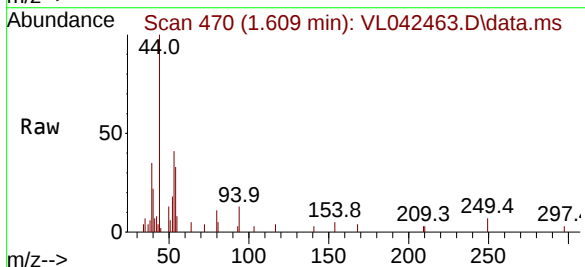
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

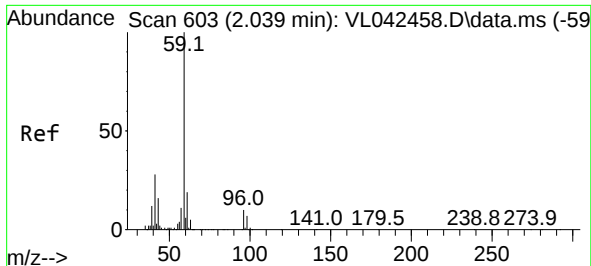
Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 25.4 19.8 29.8



#16
1,3-Butadiene
Concen: 0.082 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 39 Resp: 426
Ion Ratio Lower Upper
39 100
54 102.3 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.086 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

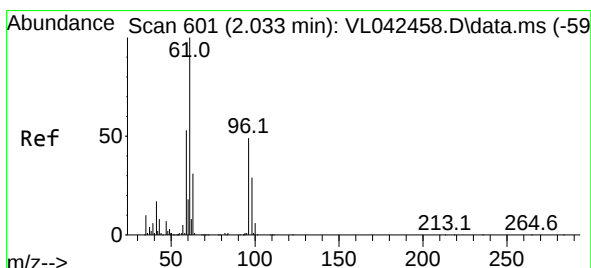
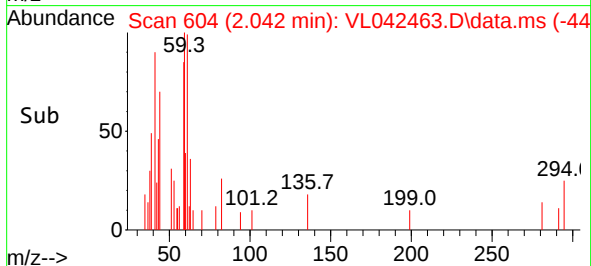
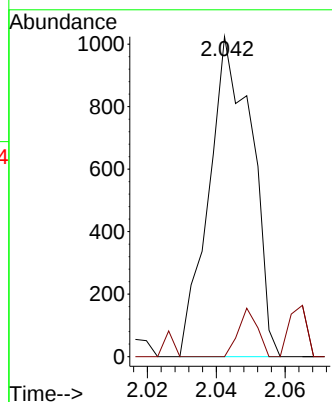
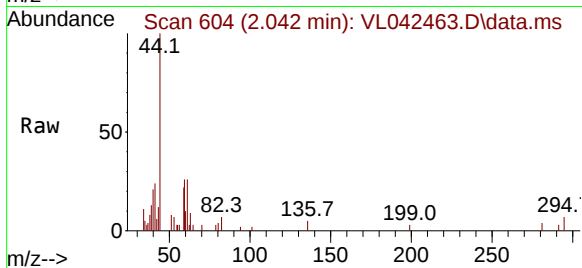
VSTDIC0.03

Tgt Ion: 59 Resp: 888

Ion Ratio Lower Upper

59 100

57 1.8 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.041 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

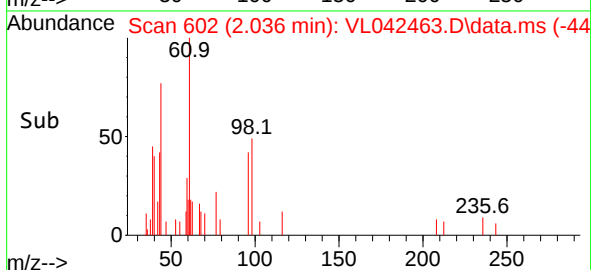
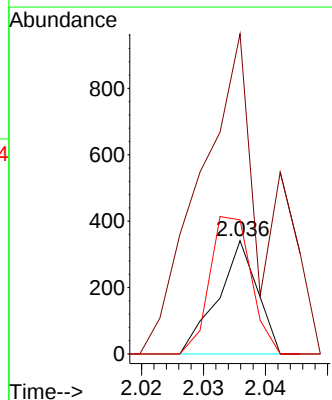
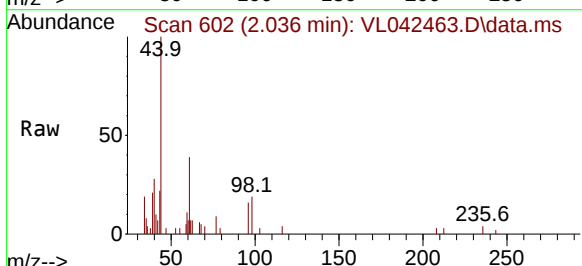
Tgt Ion: 96 Resp: 151

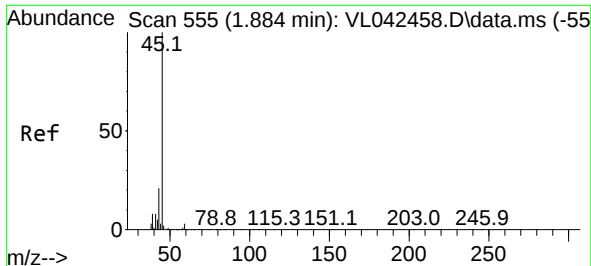
Ion Ratio Lower Upper

96 100

61 177.1 164.9 247.3

98 118.5 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.122 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

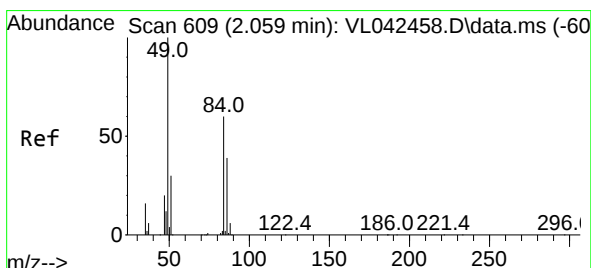
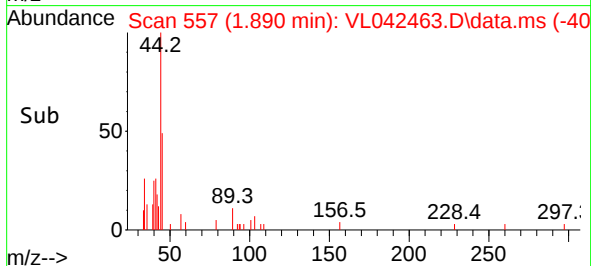
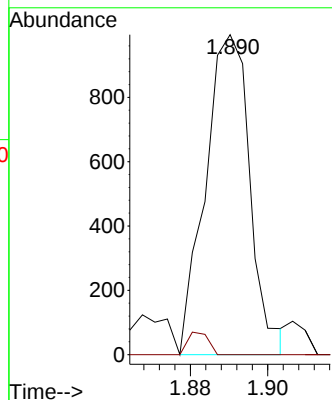
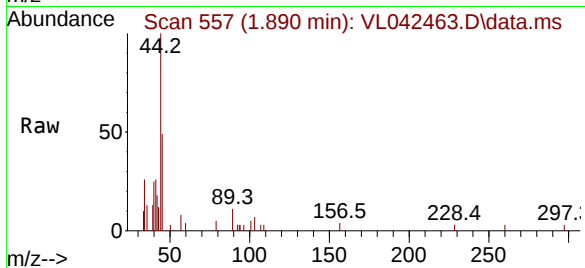
VSTDICC0.03

Tgt Ion: 45 Resp: 794

Ion Ratio Lower Upper

45 100

58 3.3 1.6 2.4#



#20

Methylene Chloride

Concen: 0.205 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion: 84 Resp: 721

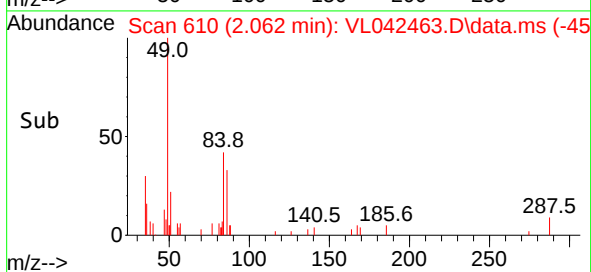
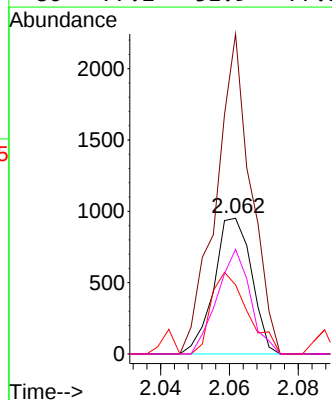
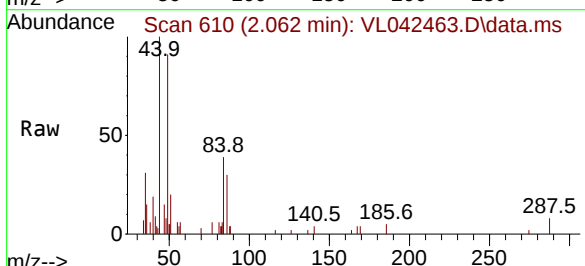
Ion Ratio Lower Upper

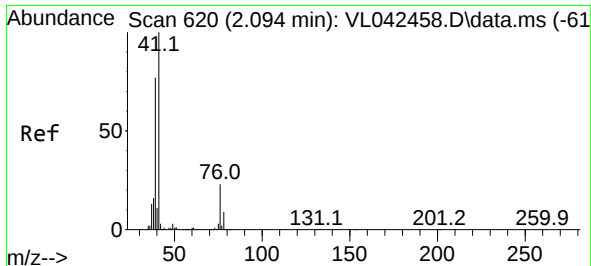
84 100

49 235.9 133.9 200.9#

51 51.0 41.0 61.6

86 77.2 51.9 77.9

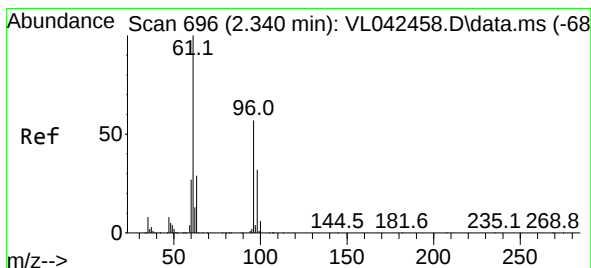
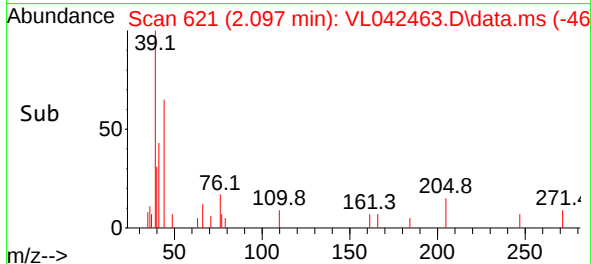
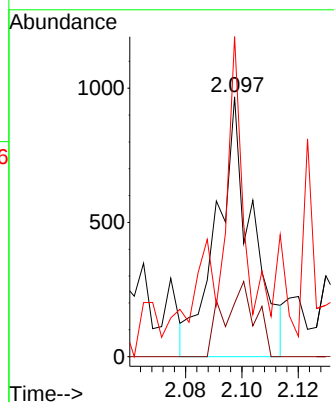
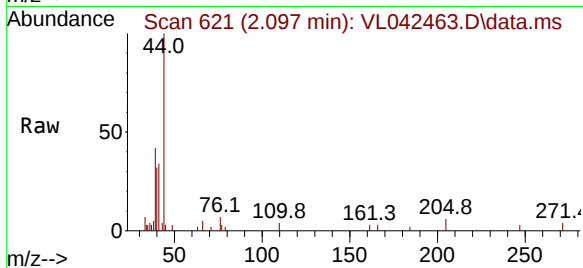




#21
 Allyl Chloride
 Concen: 0.112 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

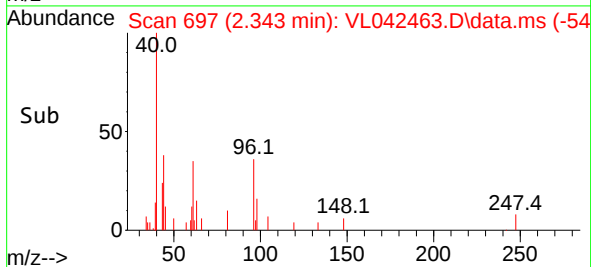
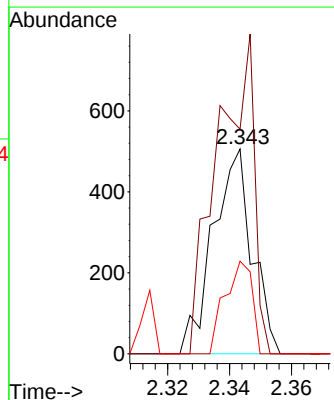
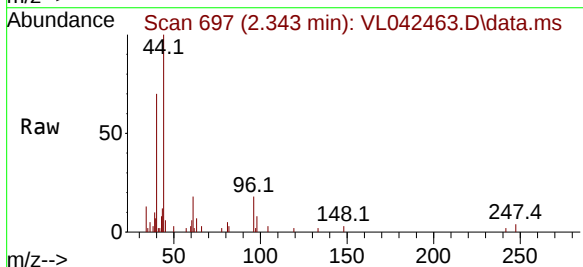
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

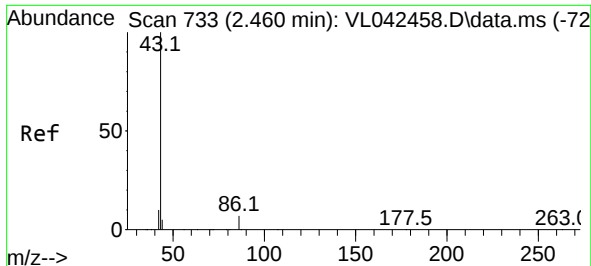
Tgt Ion: 41 Resp: 844
 Ion Ratio Lower Upper
 41 100
 76 25.4 19.6 29.4
 39 98.7 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.103 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 96 Resp: 442
 Ion Ratio Lower Upper
 96 100
 61 109.7 141.8 212.6#
 98 45.3 45.0 67.6

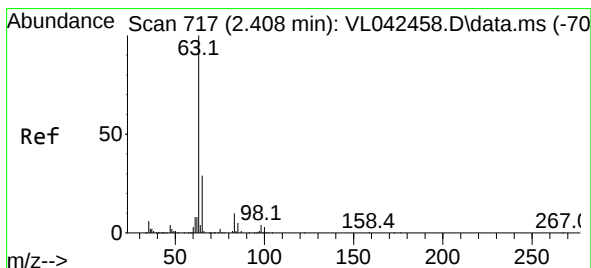
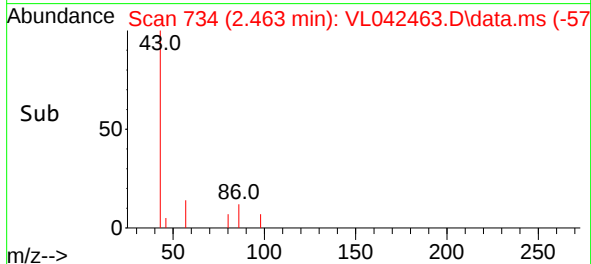
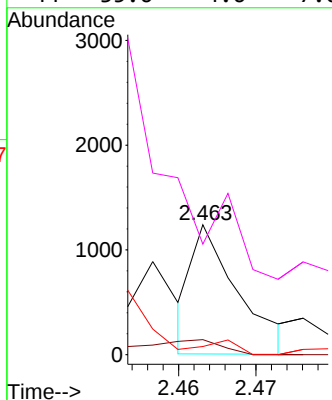
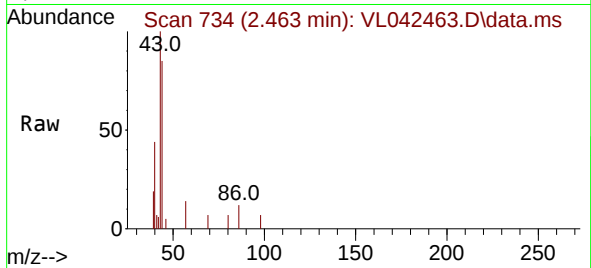




#23
 Vinyl Acetate
 Concen: 0.047 ppbv
 RT: 2.463 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

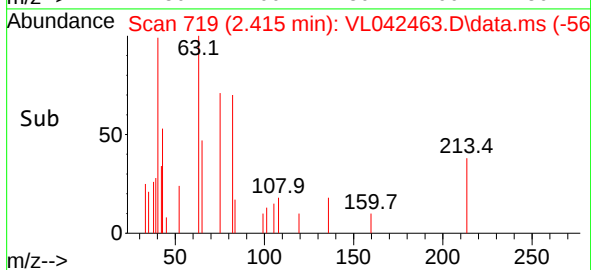
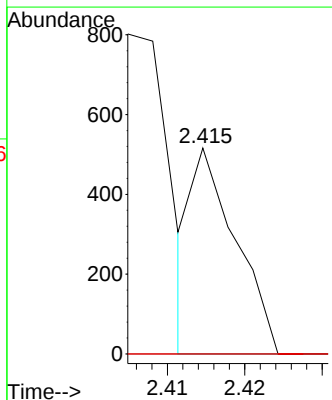
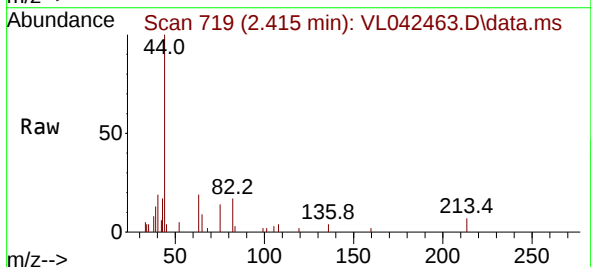
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

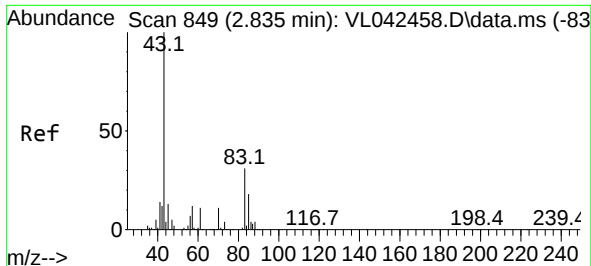
Tgt Ion: 43	Resp:	512	
Ion	Ratio	Lower	Upper
43	100		
86	15.2	5.5	8.3#
42	8.2	8.3	12.5#
44	35.6	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.023 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.006 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 63	Resp: 203
Ion Ratio	Lower Upper
63 100	
98 0.0	1.8 5.5#
100 0.0	1.4 4.2#





#25

Ethyl Acetate

Concen: 0.042 ppbv

RT: 2.839 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 43 Resp: 793

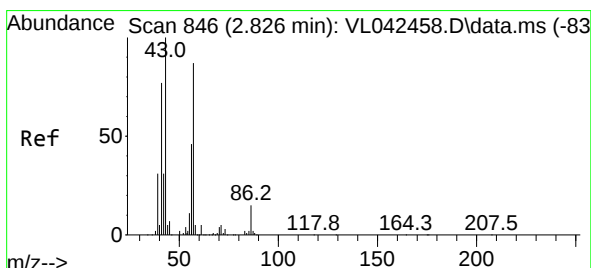
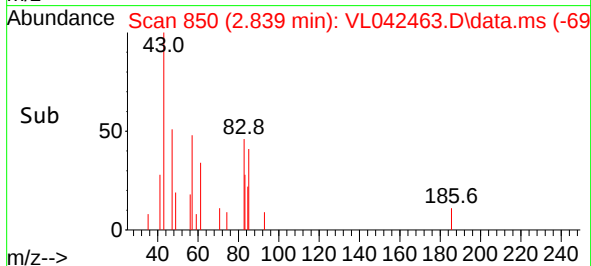
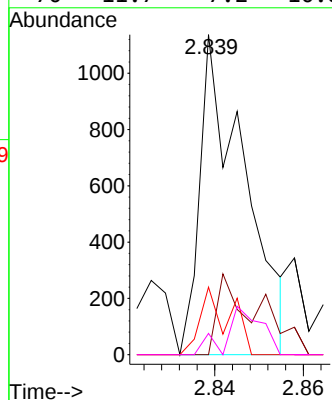
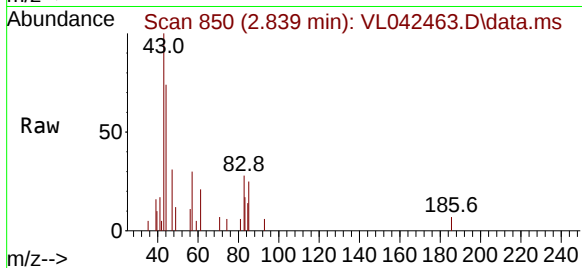
Ion Ratio Lower Upper

43 100

45 23.2 7.8 11.6#

61 13.9 7.2 10.8#

70 11.7 7.2 10.8#



#26

Hexane

Concen: 0.037 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.006 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion: 57 Resp: 303

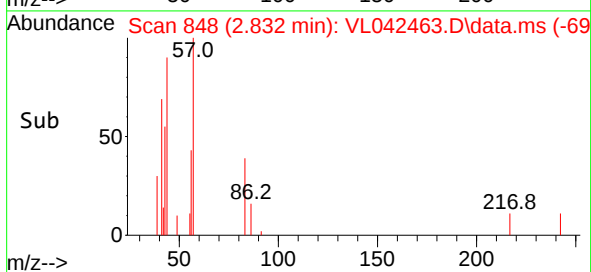
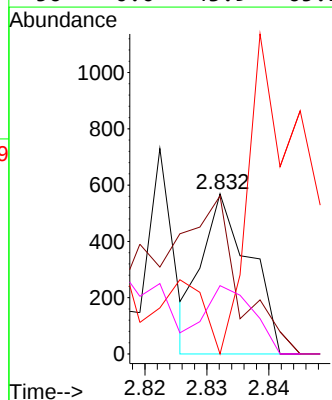
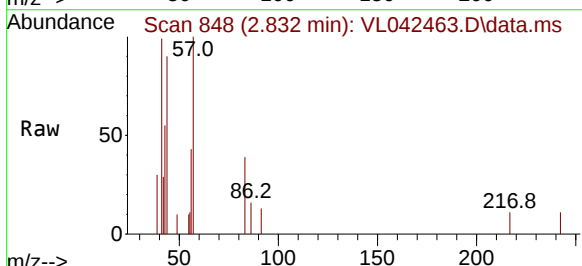
Ion Ratio Lower Upper

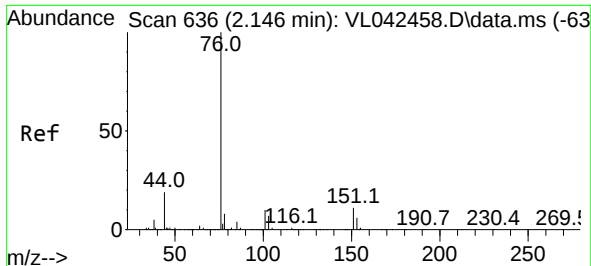
57 100

41 202.3 77.8 116.8#

43 415.2 187.0 280.6#

56 0.0 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.091 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

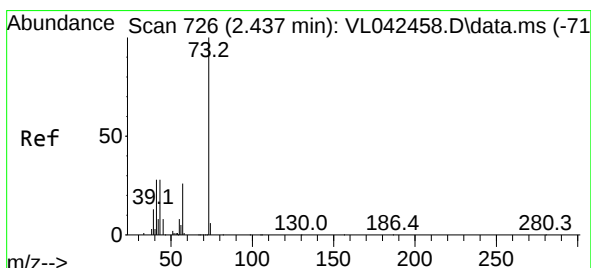
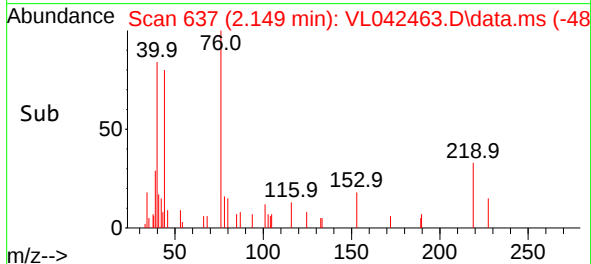
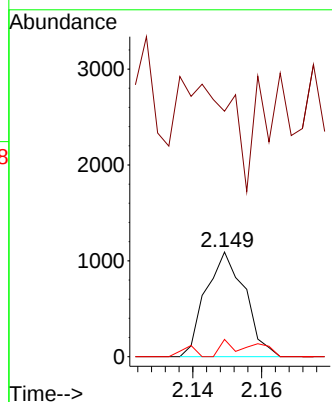
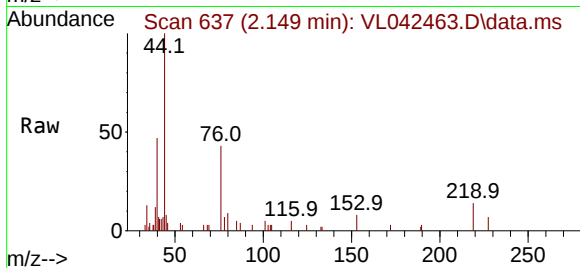
Tgt Ion: 76 Resp: 868

Ion Ratio Lower Upper

76 100

44 450.2 21.0 31.6#

78 12.9 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 0.026 ppbv

RT: 2.437 min Scan# 726

Delta R.T. -0.000 min

Lab File: VL042463.D

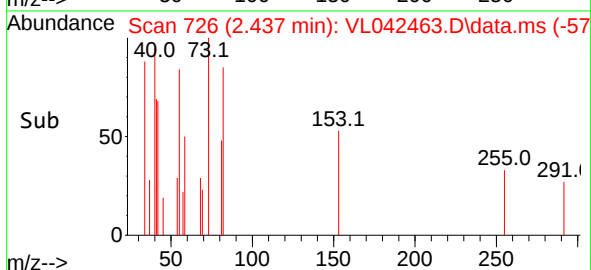
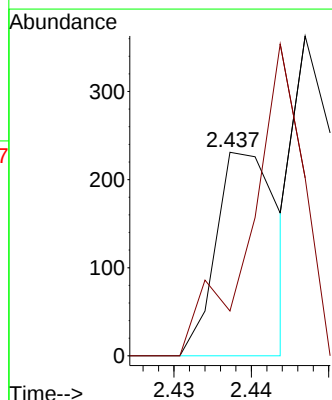
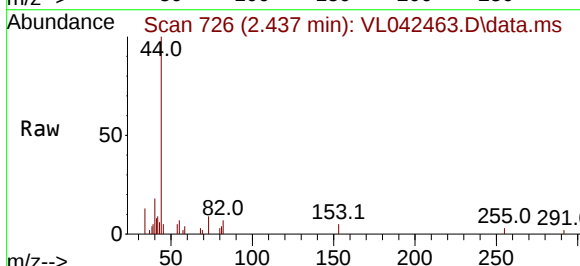
Acq: 01 May 2025 11:44

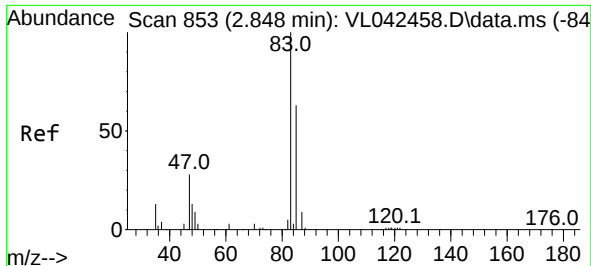
Tgt Ion: 73 Resp: 130

Ion Ratio Lower Upper

73 100

57 0.0 19.9 29.9#





#29

Chloroform

Concen: 0.043 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

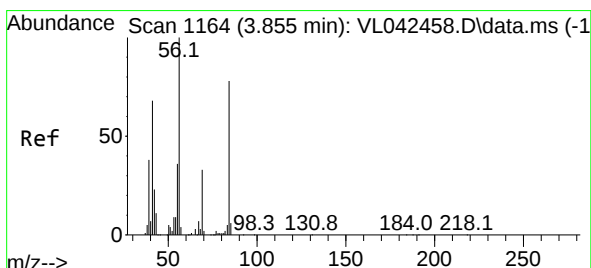
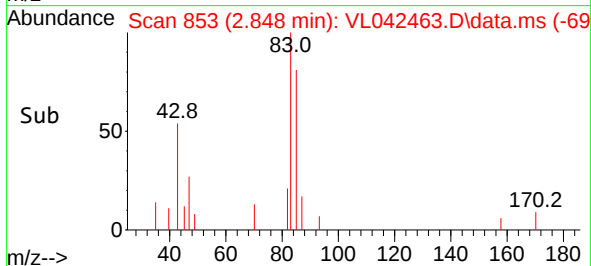
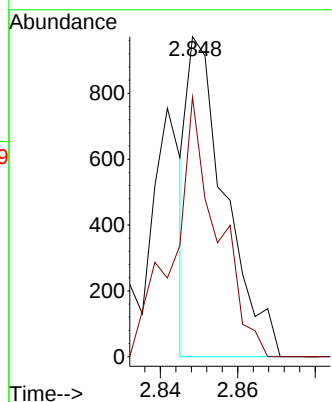
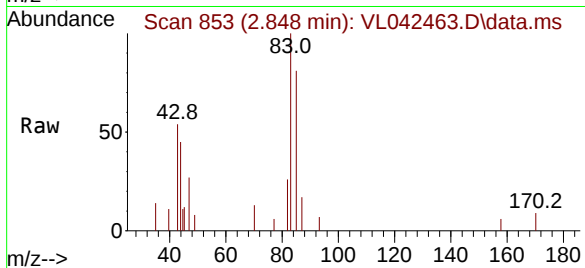
VSTDIC0.03

Tgt Ion: 83 Resp: 660

Ion Ratio Lower Upper

83 100

85 81.2 50.4 75.6#



#30

Cyclohexane

Concen: 0.013 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

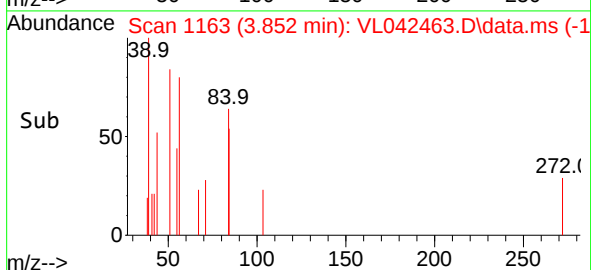
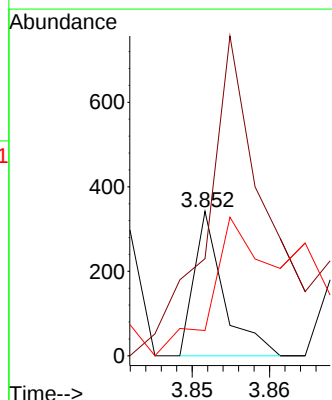
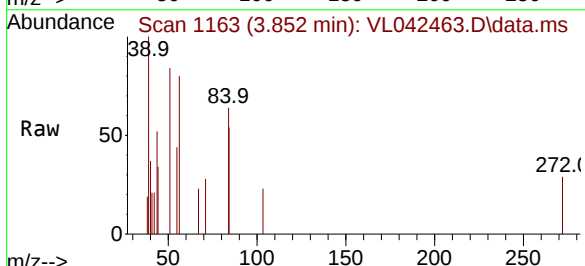
Tgt Ion: 84 Resp: 91

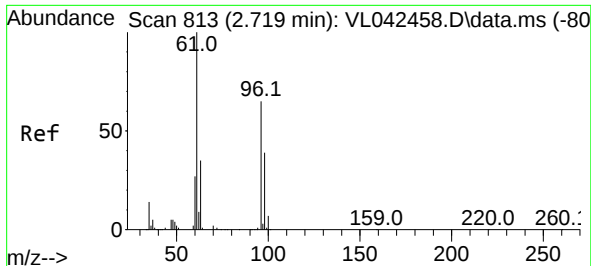
Ion Ratio Lower Upper

84 100

56 514.3 98.1 147.1#

41 398.9 65.8 98.8#

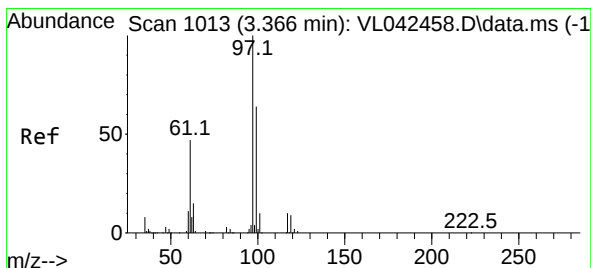
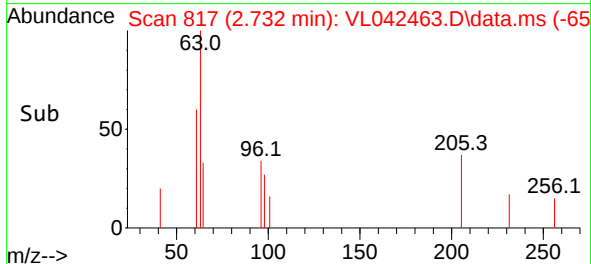
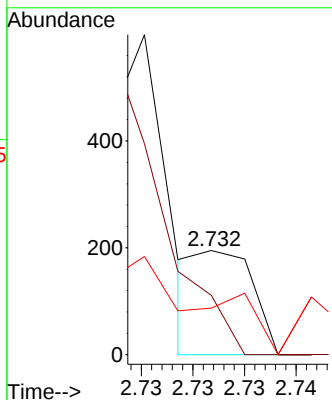
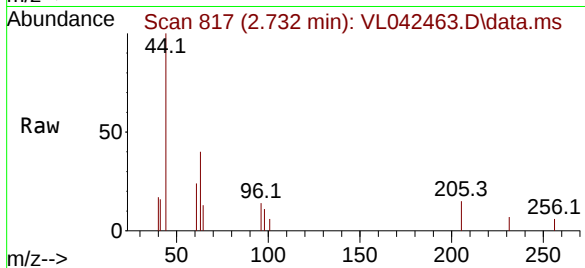




#31
 cis-1,2-Dichloroethene
 Concen: 0.008 ppbv
 RT: 2.732 min Scan# 813
 Delta R.T. 0.013 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

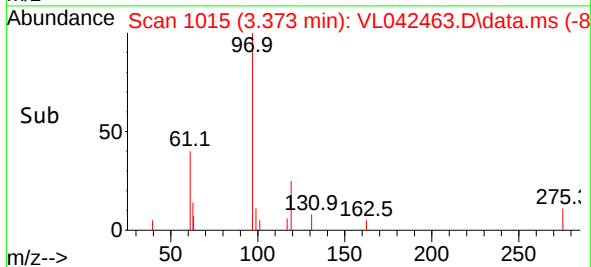
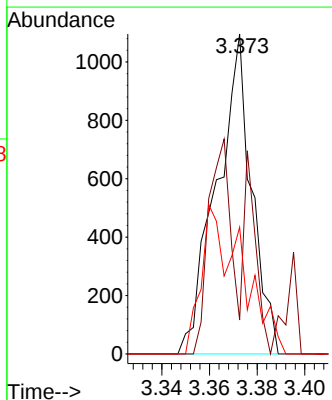
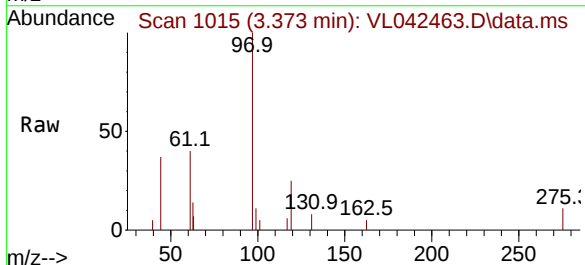
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

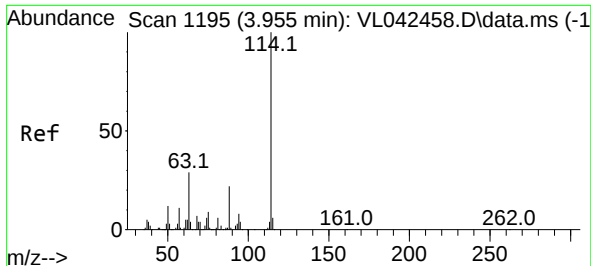
Tgt Ion: 61	Resp: 73
Ion Ratio	Lower Upper
61 100	
96 56.9	52.0 78.0
98 44.6	31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.067 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 97	Resp:	1114	
Ion	Ratio	Lower	Upper
97	100		
99	74.9	50.7	76.1
61	54.6	40.9	61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.958 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.03

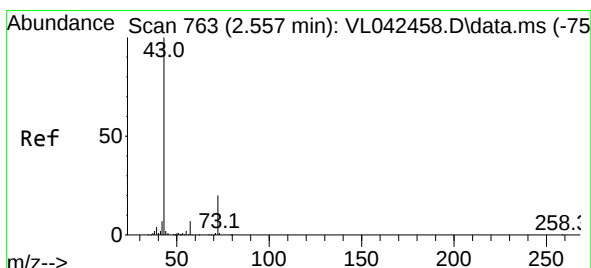
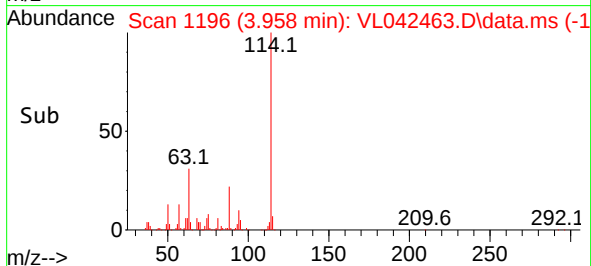
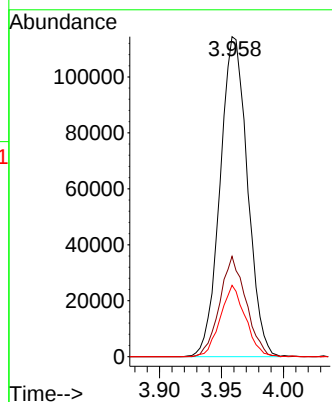
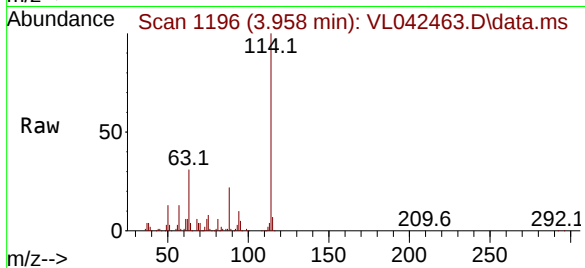
Tgt Ion:114 Resp: 176202

Ion Ratio Lower Upper

114 100

63 30.1 23.1 34.7

88 20.6 16.1 24.1



#34

2-Butanone

Concen: 0.007 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.003 min

Lab File: VL042463.D

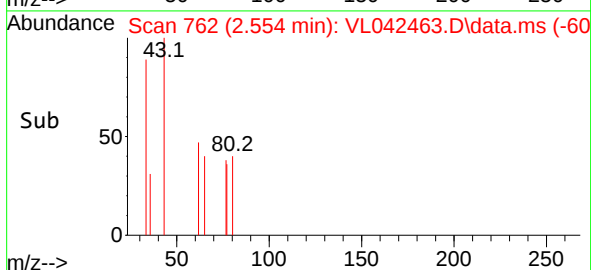
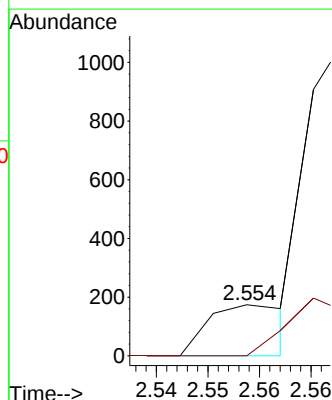
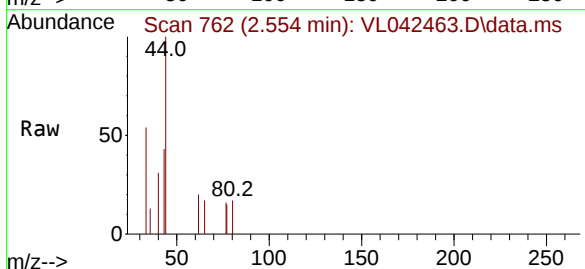
Acq: 01 May 2025 11:44

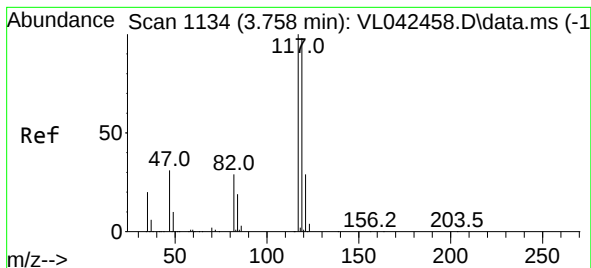
Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

72 0.0 16.7 25.1#





#35

Carbon Tetrachloride

Concen: 0.057 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

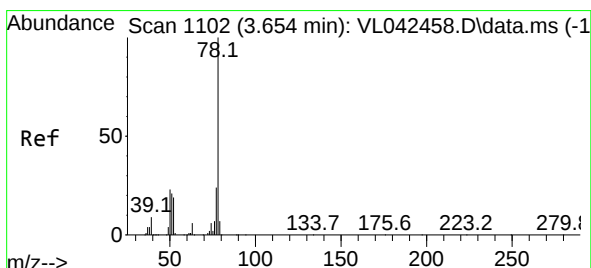
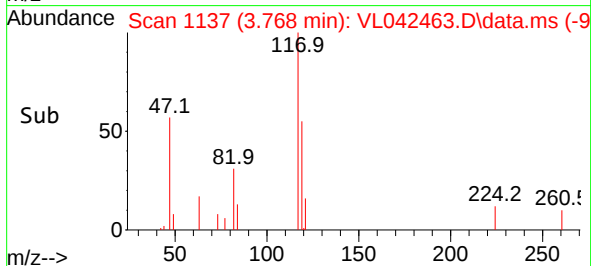
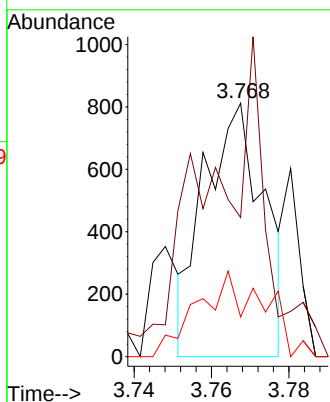
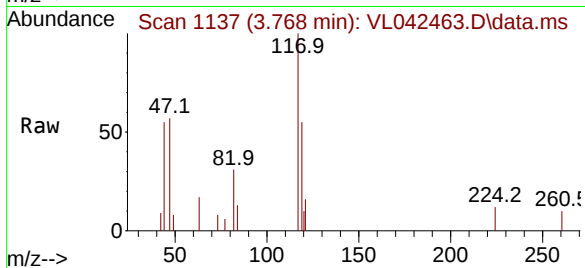
Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

Tgt Ion:	117	Resp:	866
Ion	Ratio	Lower	Upper
117	100		
119	58.2	78.1	117.1#
121	12.6	23.0	34.6#



#36

Benzene

Concen: 0.043 ppbv

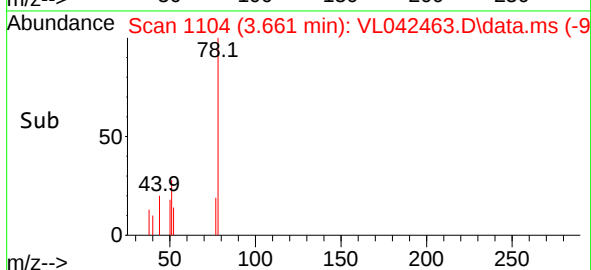
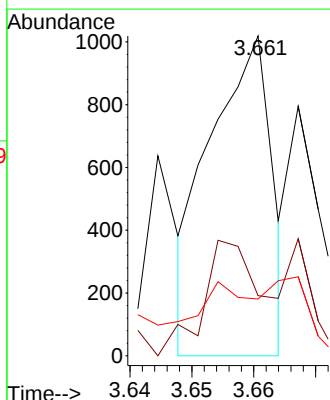
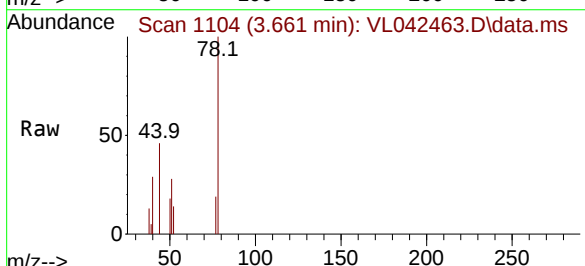
RT: 3.661 min Scan# 1104

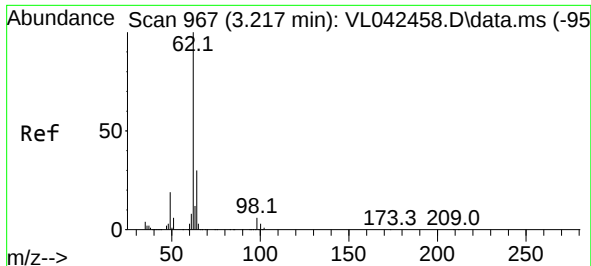
Delta R.T. 0.006 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion:	78	Resp:	712
Ion	Ratio	Lower	Upper
78	100		
77	14.4	18.9	28.3#
50	11.3	18.4	27.6#





#37

1,2-Dichloroethane

Concen: 0.059 ppbv

RT: 3.217 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

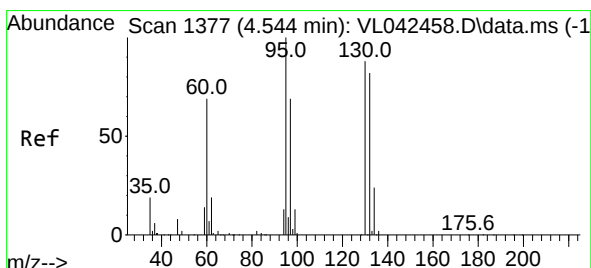
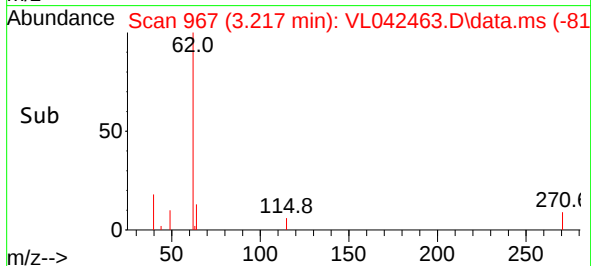
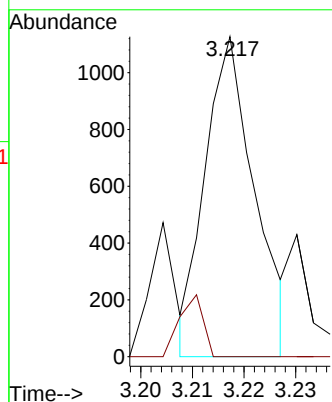
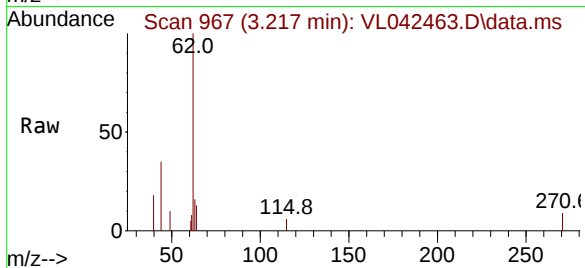
VSTDIC0.03

Tgt Ion: 62 Resp: 750

Ion Ratio Lower Upper

62 100

98 0.0 4.3 6.5#



#38

Trichloroethene

Concen: 0.023 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion: 130 Resp: 146

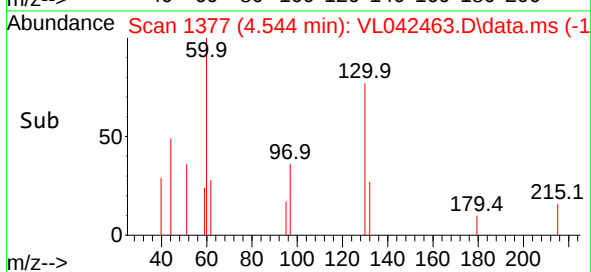
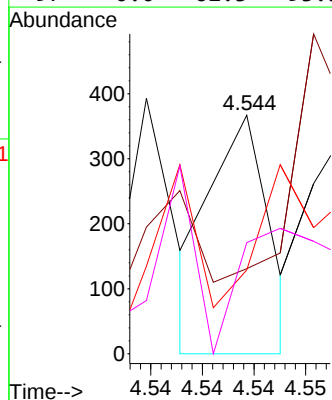
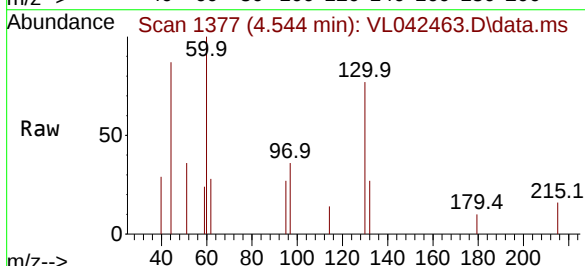
Ion Ratio Lower Upper

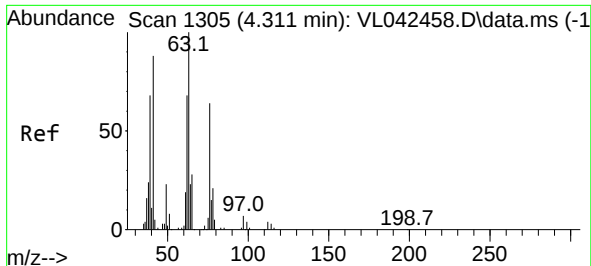
130 100

95 0.0 91.0 136.4#

132 0.0 74.2 111.4#

97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.485 ppbv

RT: 3.958 min Scan# 1196

Delta R.T. -0.353 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

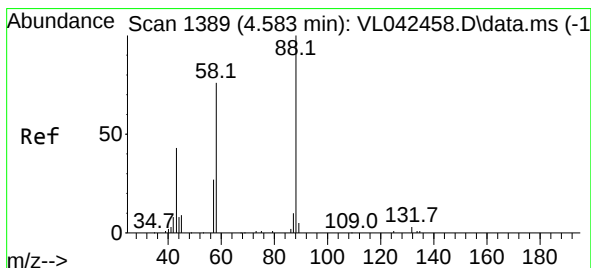
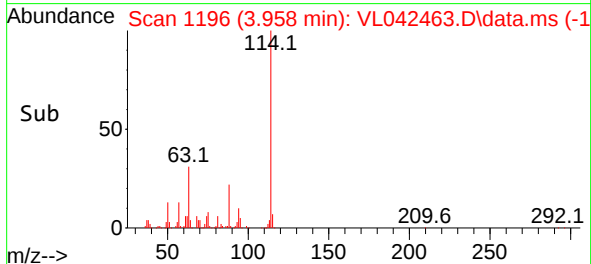
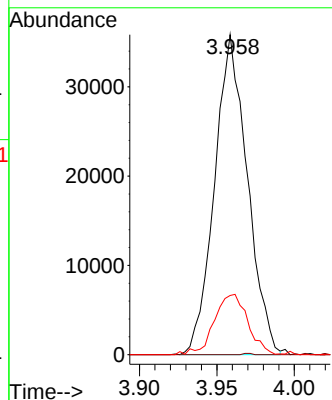
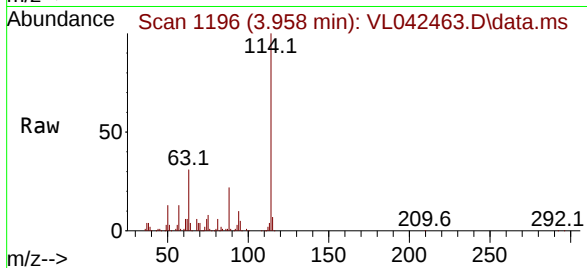
Tgt Ion: 63 Resp: 52856

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 18.2 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.010 ppbv

RT: 4.651 min Scan# 1410

Delta R.T. 0.068 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion: 88 Resp: 28

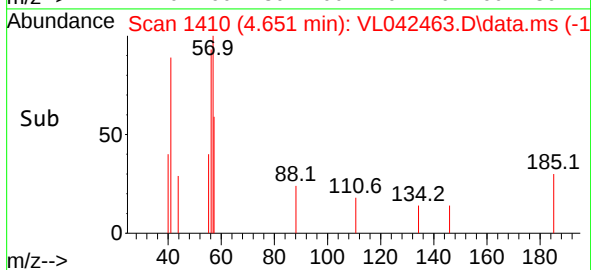
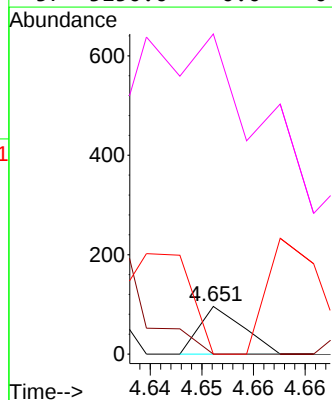
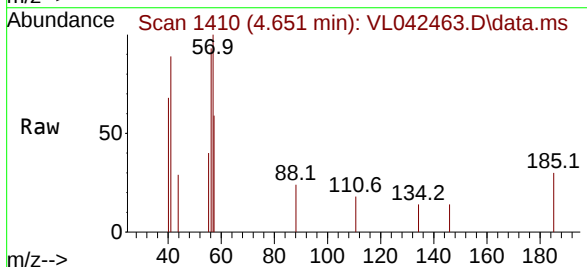
Ion Ratio Lower Upper

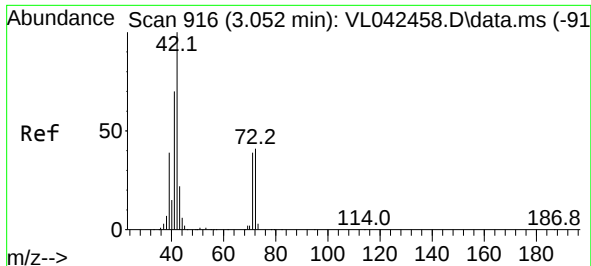
88 100

58 914.3 0.0 0.0#

43 371.4 0.0 0.0#

57 5150.0 0.0 0.0#

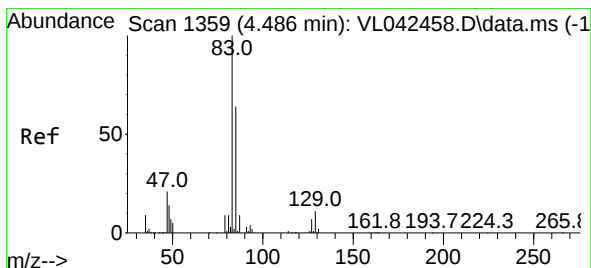
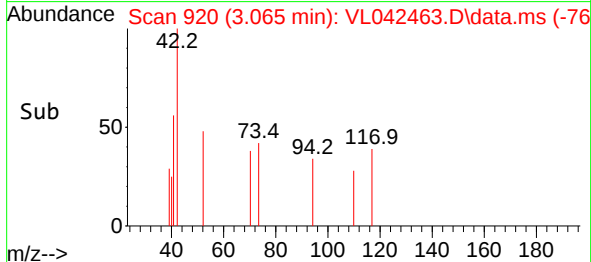
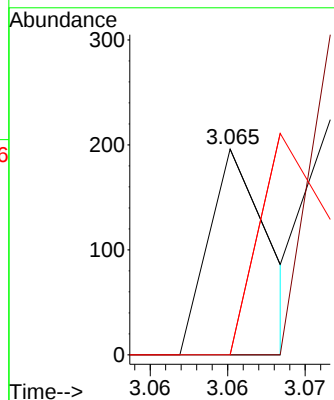
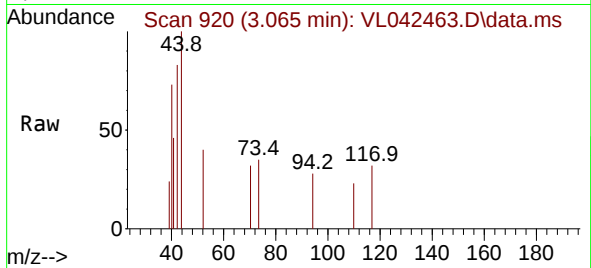




#41
Tetrahydrofuran
Concen: 0.009 ppbv
RT: 3.065 min Scan# 916
Delta R.T. 0.013 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

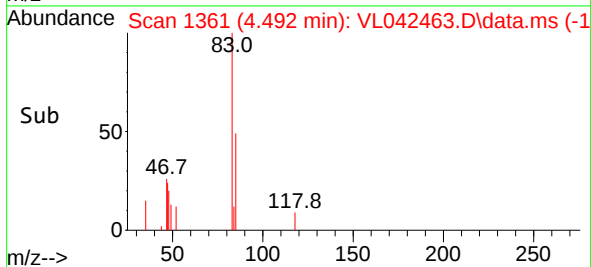
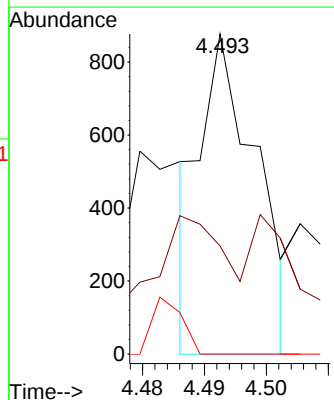
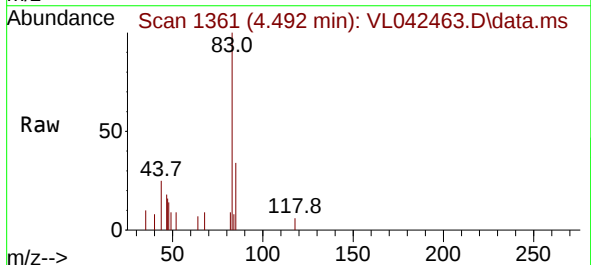
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

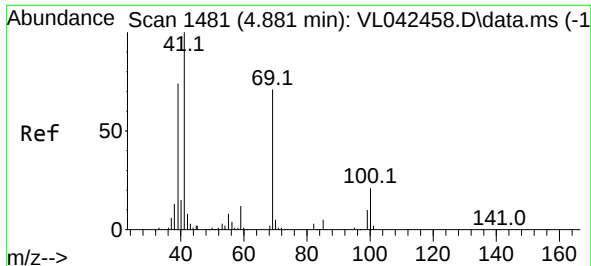
Tgt Ion: 42 Resp: 55
Ion Ratio Lower Upper
42 100
72 340.0 33.5 50.3#
71 120.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.035 ppbv
RT: 4.492 min Scan# 1361
Delta R.T. 0.006 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 83 Resp: 546
Ion Ratio Lower Upper
83 100
85 0.0 51.5 77.3#
127 0.0 5.4 8.2#

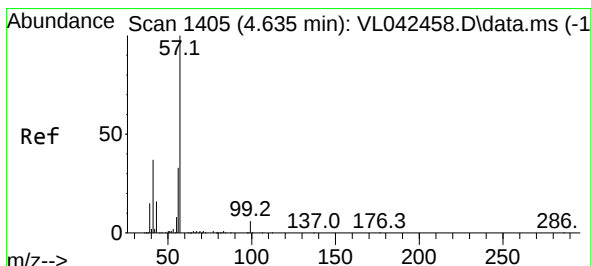
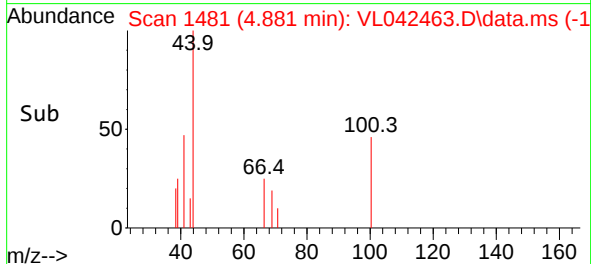
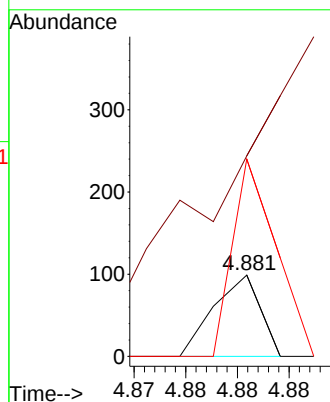
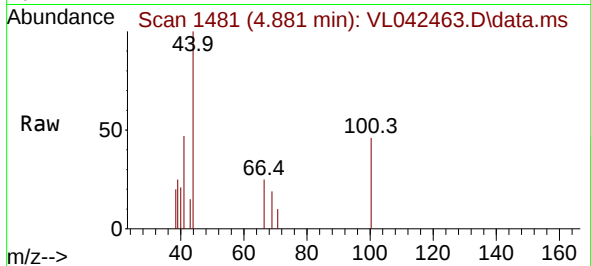




#43
Methyl Methacrylate
Concen: 0.005 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

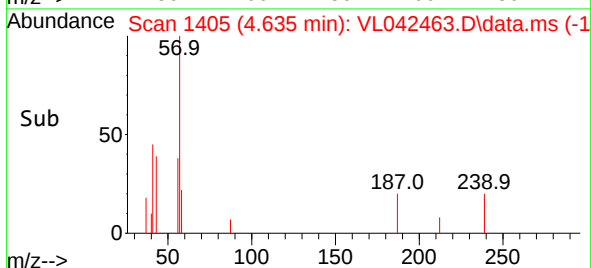
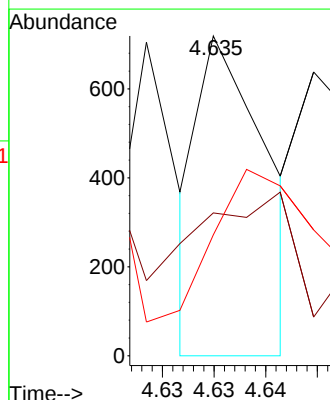
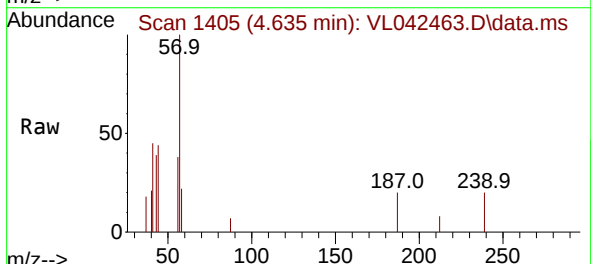
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

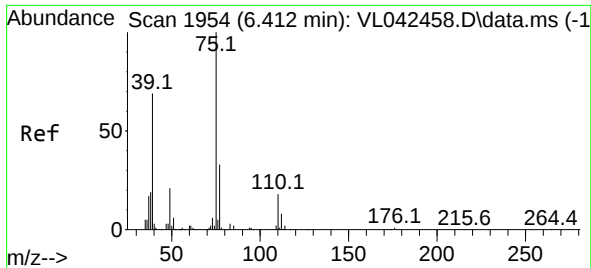
Tgt Ion: 69 Resp: 31
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 335.5 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.012 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 57 Resp: 327
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 0.0 25.0 37.6#

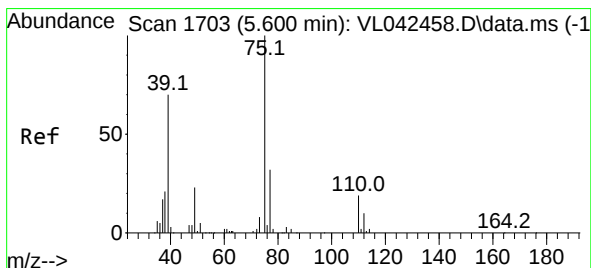
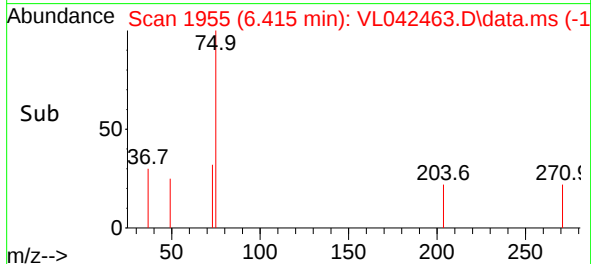
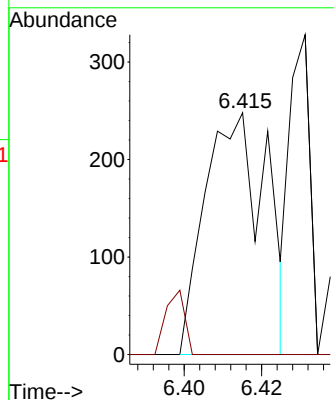
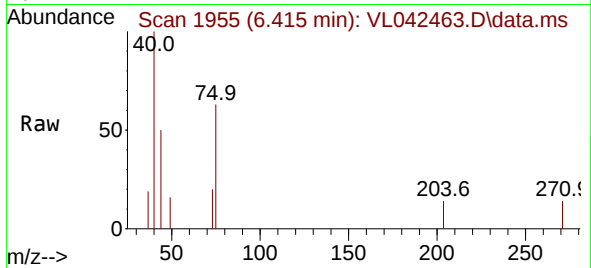




#45
 t-1,3-Dichloropropene
 Concen: 0.033 ppbv
 RT: 6.415 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

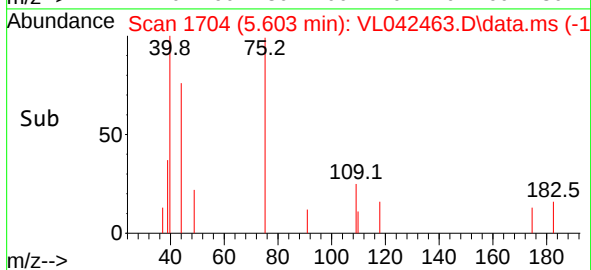
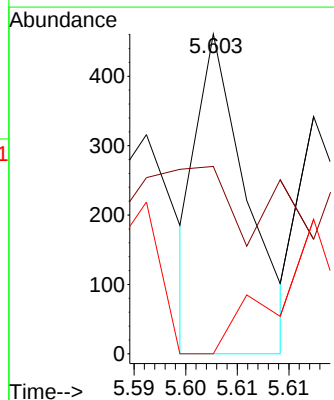
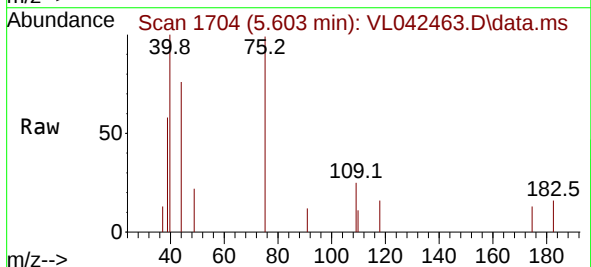
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

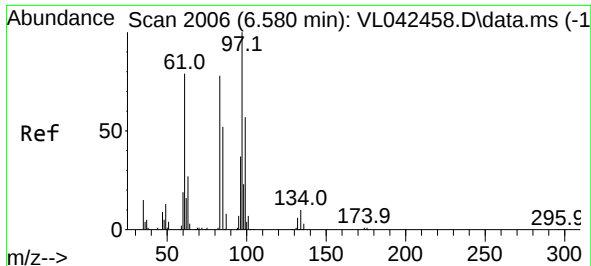
Tgt Ion: 75 Resp: 270
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.3 39.5#



#46
 cis-1,3-Dichloropropene
 Concen: 0.016 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 75 Resp: 152
 Ion Ratio Lower Upper
 75 100
 39 5.3 55.7 83.5#
 77 0.0 25.8 38.8#

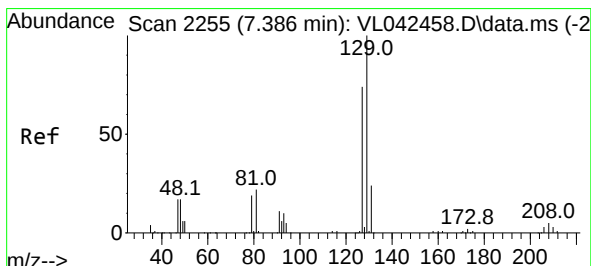
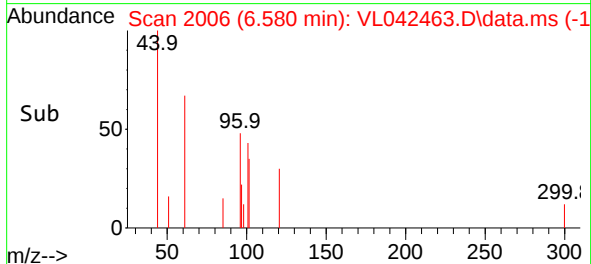
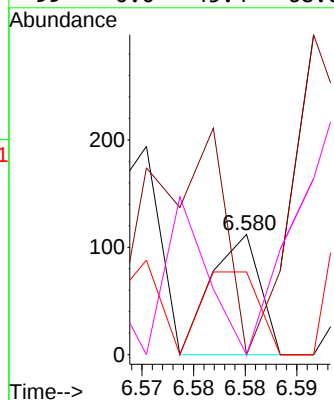
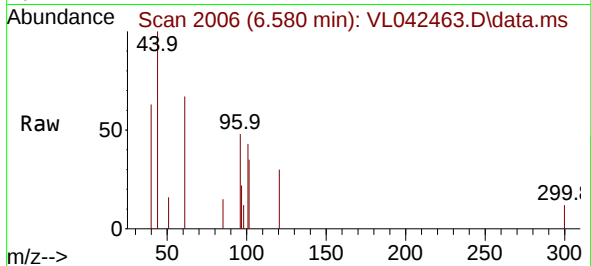




#47
 1,1,2-Trichloroethane
 Concen: 0.005 ppbv
 RT: 6.580 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

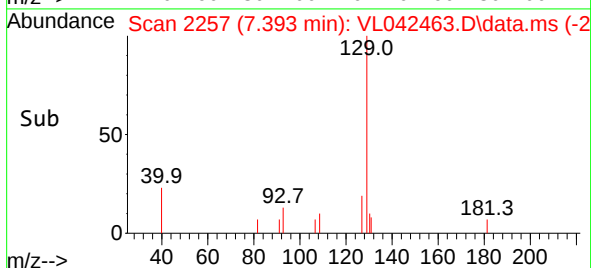
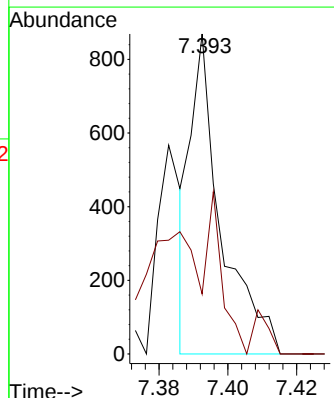
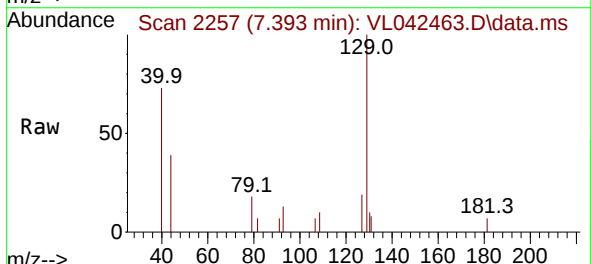
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

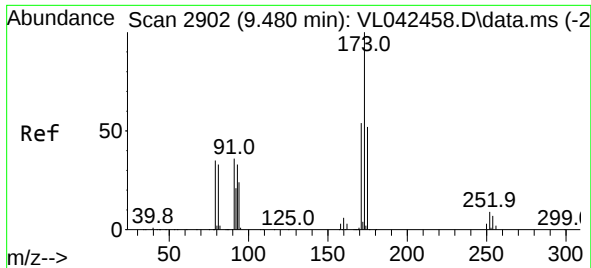
Tgt Ion: 97	Resp: 37
Ion Ratio	Lower Upper
97 100	
83 0.0	62.2 93.2#
85 68.8	41.5 62.3#
99 0.0	45.4 68.0#



#48
 Dibromochloromethane
 Concen: 0.047 ppbv
 RT: 7.393 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion:129	Resp:	540	
Ion	Ratio	Lower	Upper
129	100		
127	98.0	39.5	118.5





#49

Bromoform

Concen: 0.051 ppbv

RT: 9.487 min Scan# 2904

Delta R.T. 0.006 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

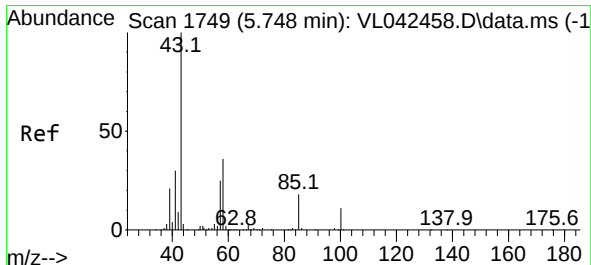
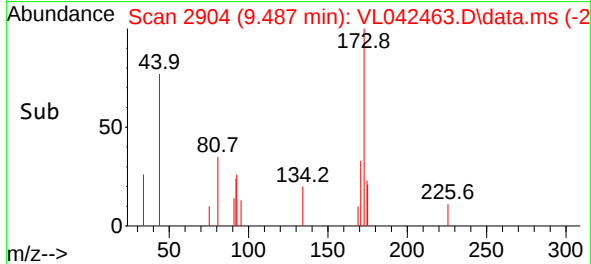
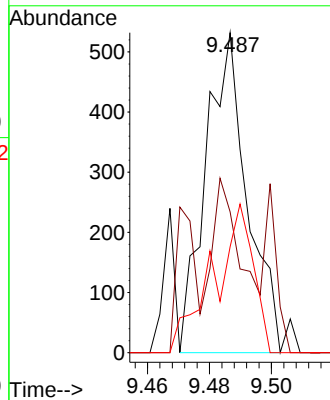
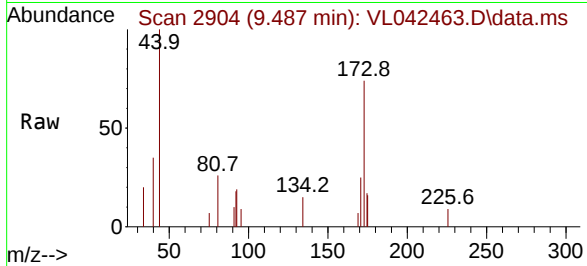
Tgt Ion:173 Resp: 496

Ion Ratio Lower Upper

173 100

175 77.0 38.9 58.3#

171 44.6 40.6 60.8



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

RT: 5.758 min Scan# 1752

Delta R.T. 0.010 min

Lab File: VL042463.D

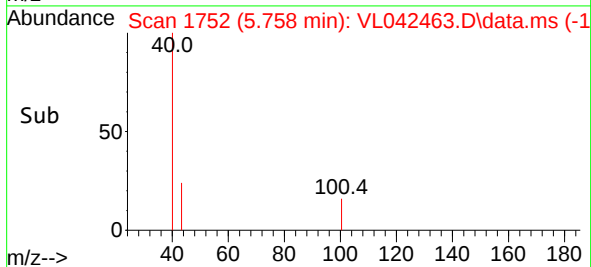
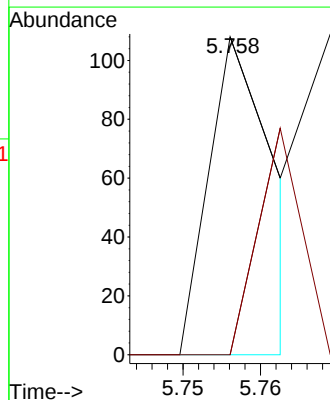
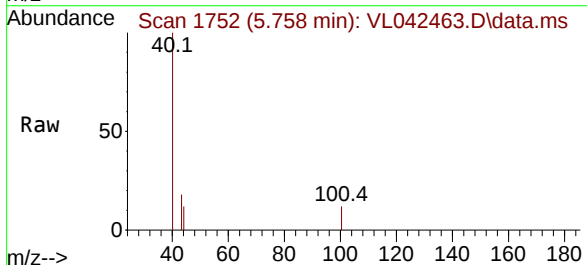
Acq: 01 May 2025 11:44

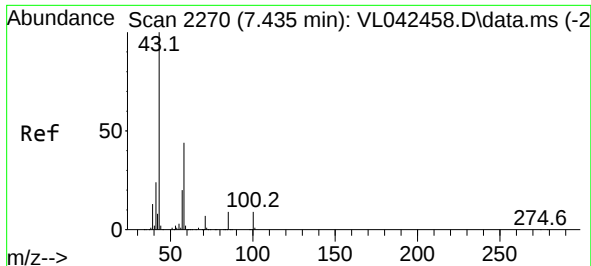
Tgt Ion: 43 Resp: 33

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

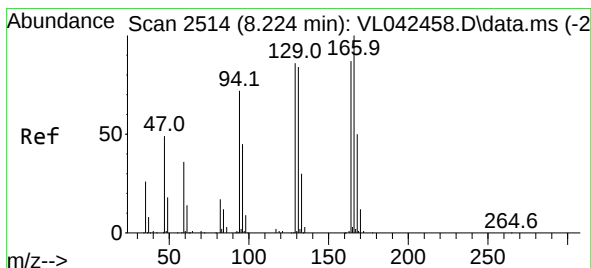
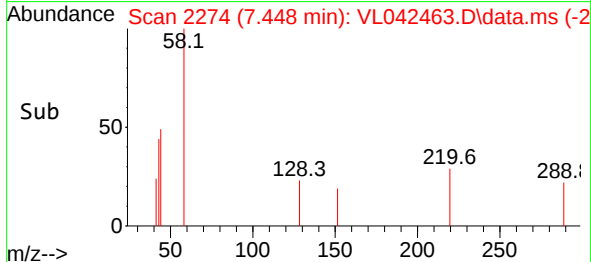
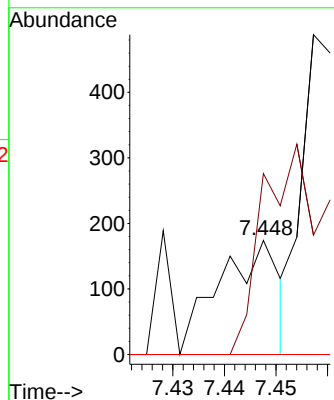
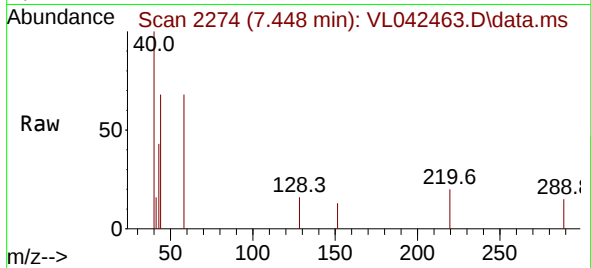




#51
2-Hexanone
Concen: 0.011 ppbv
RT: 7.448 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

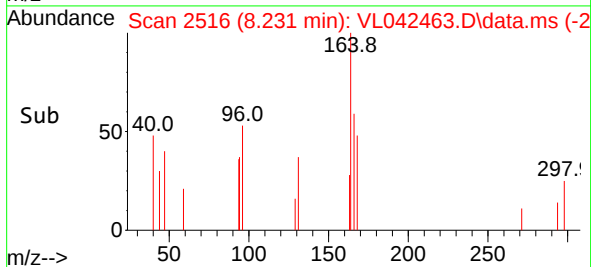
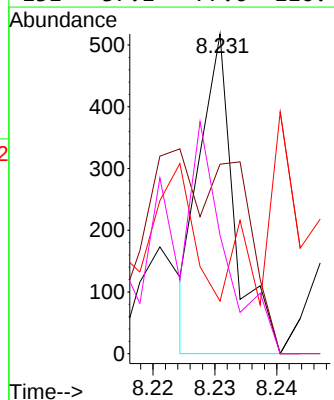
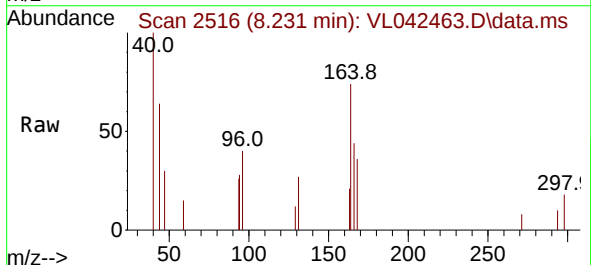
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

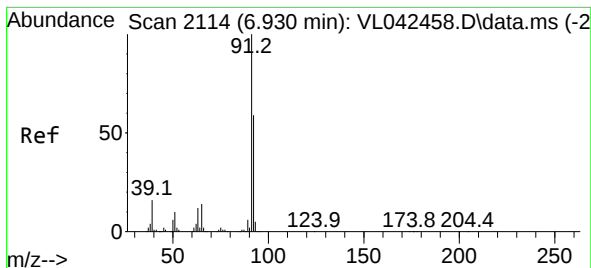
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.032 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 164 Resp: 202
Ion Ratio Lower Upper
164 100
166 59.3 91.6 137.4#
129 0.0 79.0 118.4#
131 37.1 77.6 116.4#





#53

Toluene

Concen: 0.027 ppbv

RT: 6.933 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

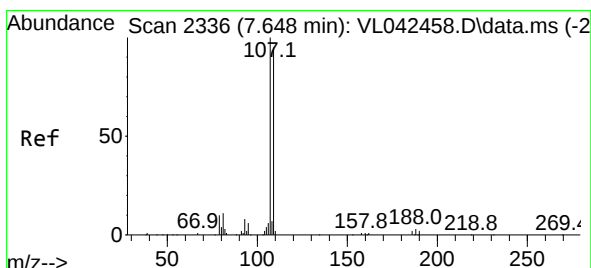
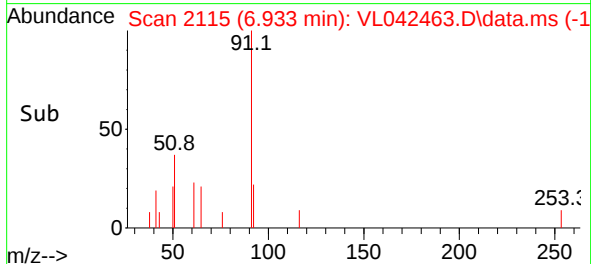
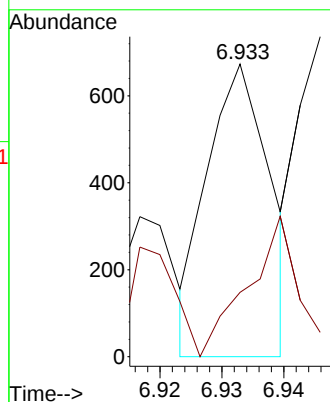
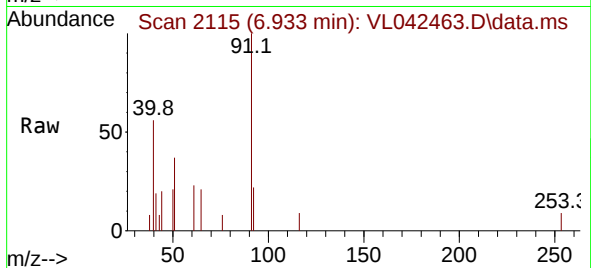
VSTDICC0.03

Tgt Ion: 91 Resp: 471

Ion Ratio Lower Upper

91 100

92 46.1 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.022 ppbv

RT: 7.651 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VL042463.D

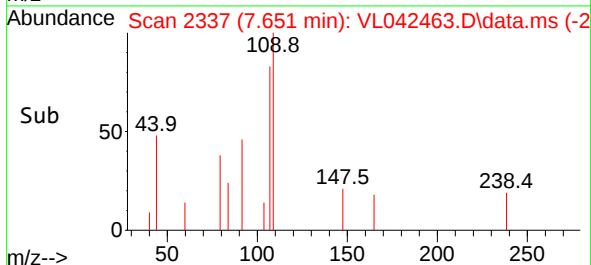
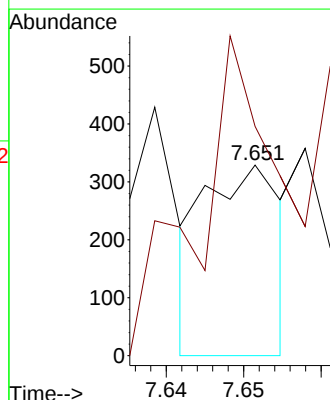
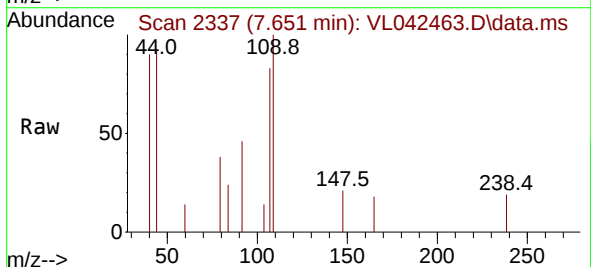
Acq: 01 May 2025 11:44

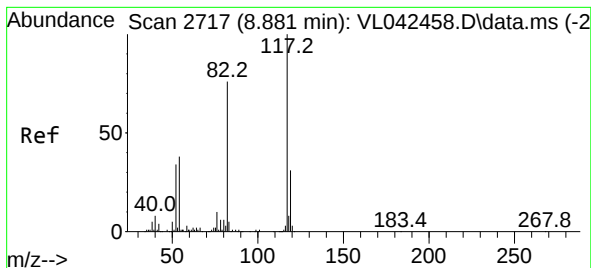
Tgt Ion: 107 Resp: 226

Ion Ratio Lower Upper

107 100

109 165.7 76.0 114.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2717

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

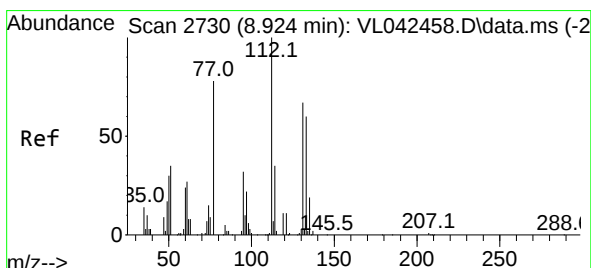
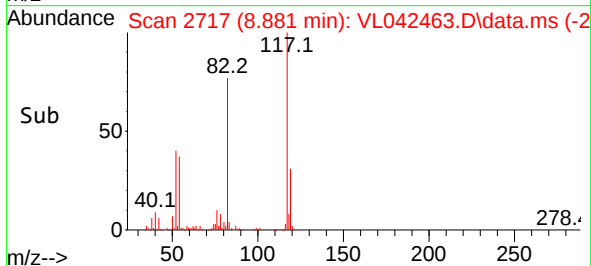
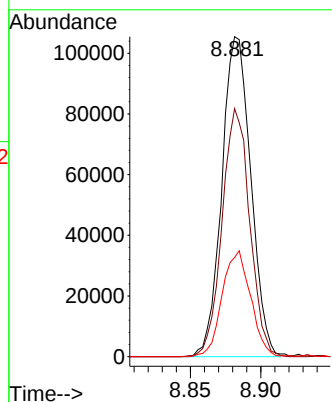
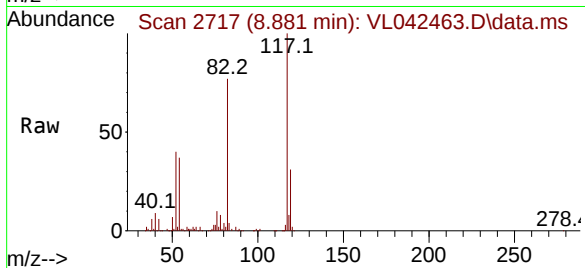
Tgt Ion:117 Resp: 151404

Ion Ratio Lower Upper

117 100

82 73.8 63.5 95.3

119 32.5 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.039 ppbv

RT: 8.933 min Scan# 2733

Delta R.T. 0.010 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

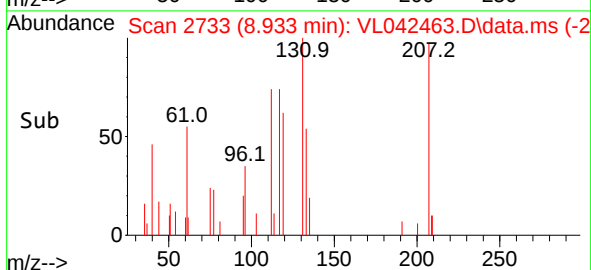
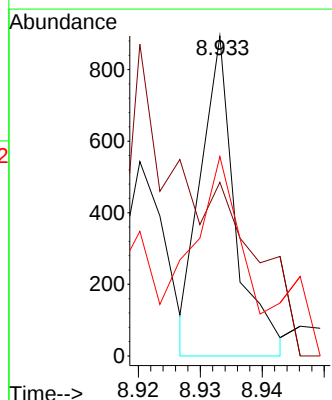
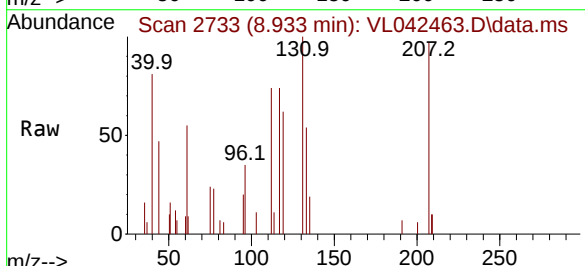
Tgt Ion:131 Resp: 347

Ion Ratio Lower Upper

131 100

133 0.0 76.0 114.0#

119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.027 ppbv

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

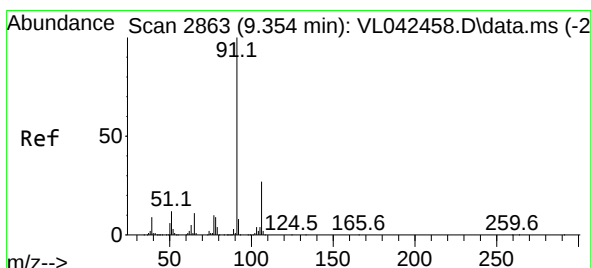
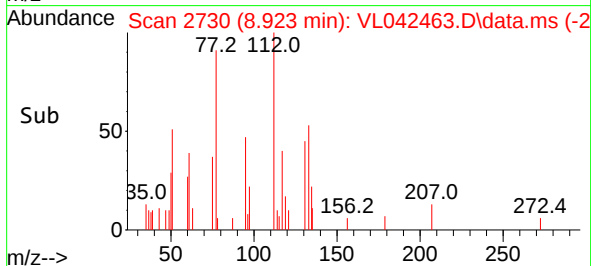
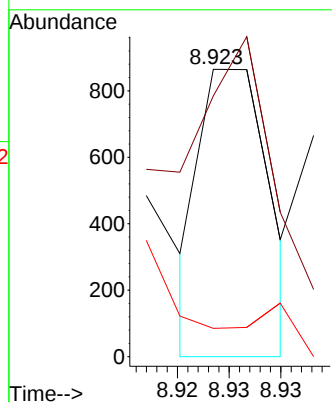
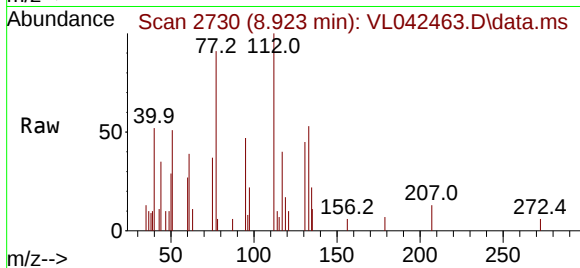
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion:112	Resp:	404
Ion Ratio	Lower	Upper
112	100	
77	63.1	65.0 97.4#
114	0.0	27.5 33.7#



#58

Ethyl Benzene

Concen: 0.018 ppbv

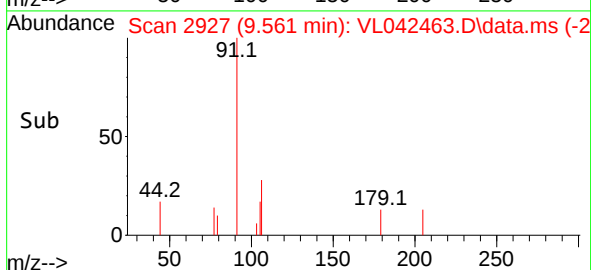
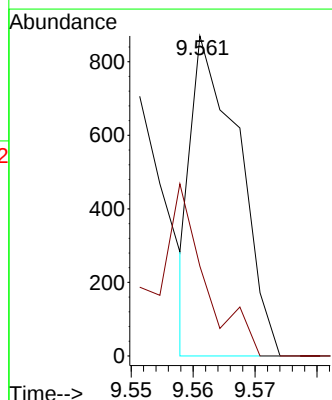
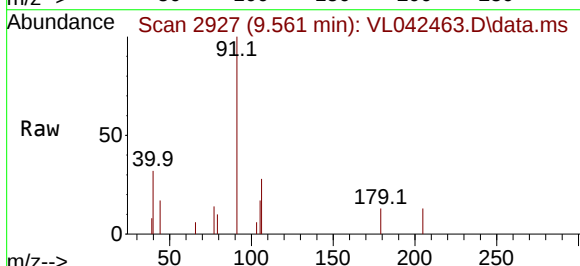
RT: 9.561 min Scan# 2927

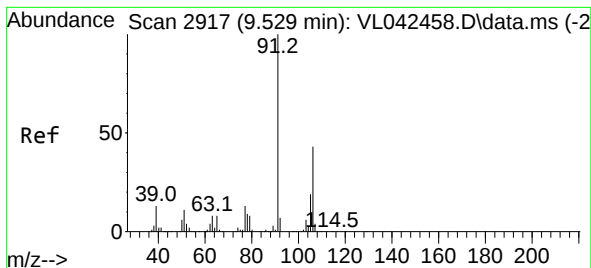
Delta R.T. 0.207 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion: 91	Resp:	453
Ion Ratio	Lower	Upper
91	100	
106	28.0	21.9 32.9





#59

m/p-Xylene

Concen: 0.028 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

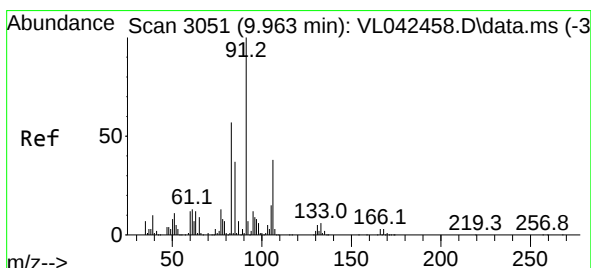
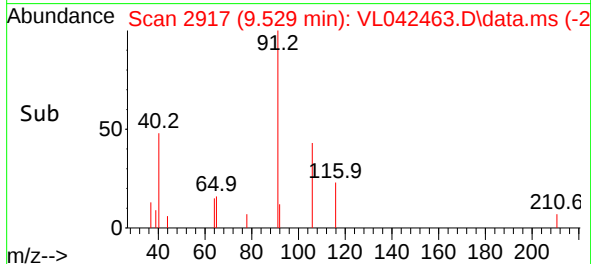
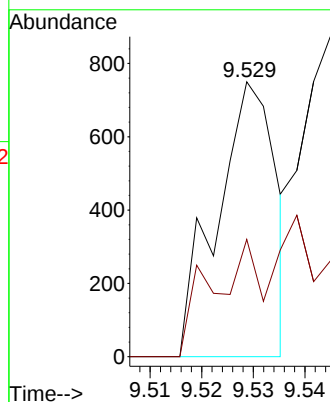
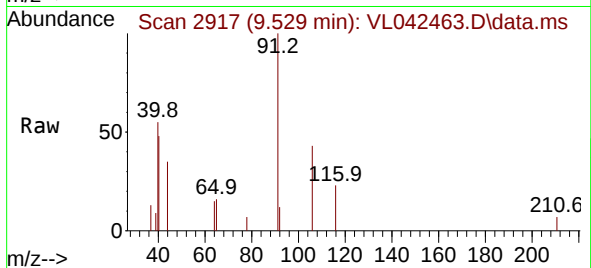
VSTDICC0.03

Tgt Ion: 91 Resp: 595

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.010 ppbv

RT: 9.953 min Scan# 3048

Delta R.T. -0.010 min

Lab File: VL042463.D

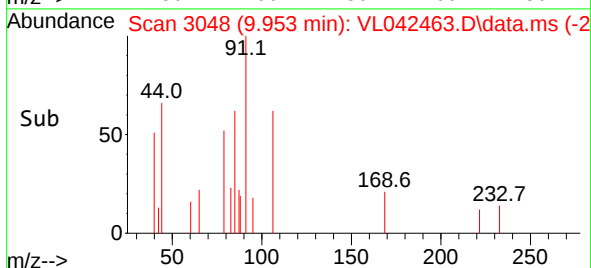
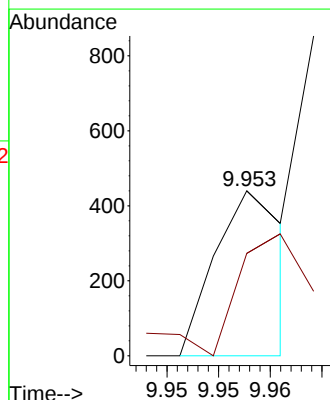
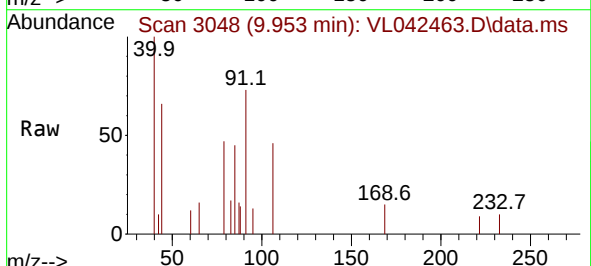
Acq: 01 May 2025 11:44

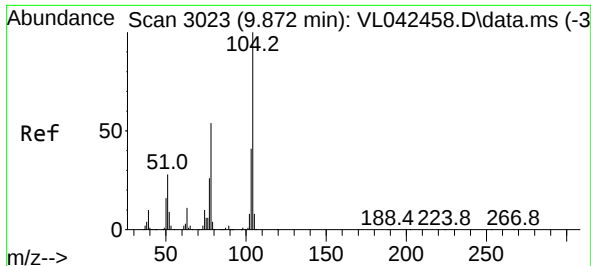
Tgt Ion: 91 Resp: 205

Ion Ratio Lower Upper

91 100

106 27.8 20.1 60.2

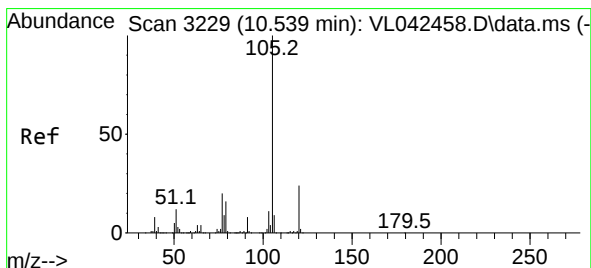
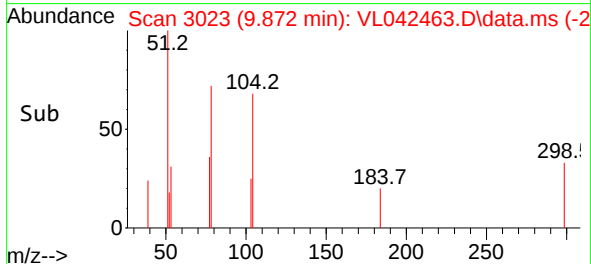
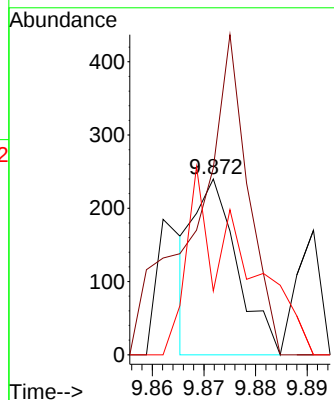
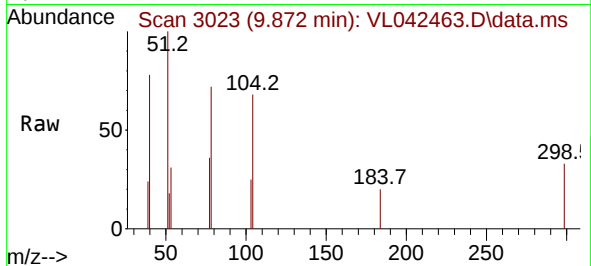




#61
Styrene
Concen: 0.018 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

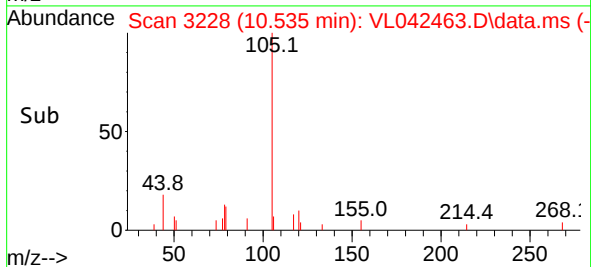
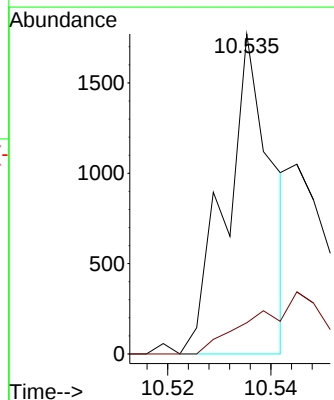
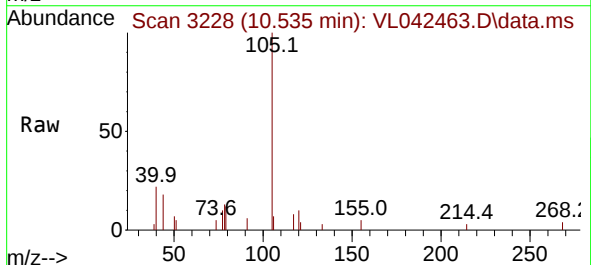
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

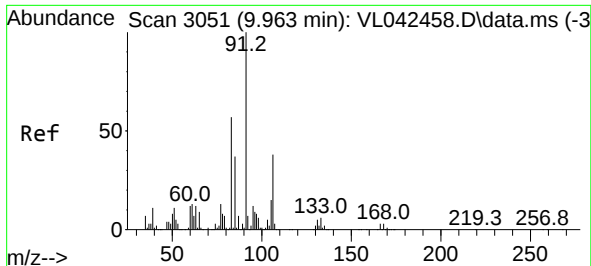
Tgt Ion:104 Resp: 140
Ion Ratio Lower Upper
104 100
78 220.7 46.9 70.3#
103 145.0 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.035 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion:105 Resp: 1084
Ion Ratio Lower Upper
105 100
120 0.0 18.8 28.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.029 ppbv

RT: 9.962 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

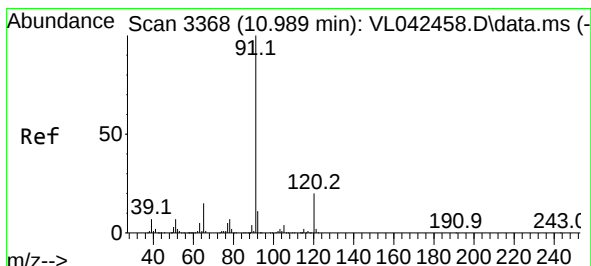
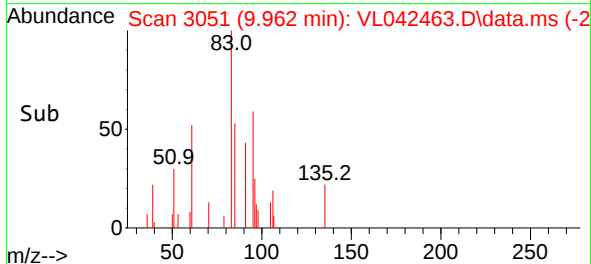
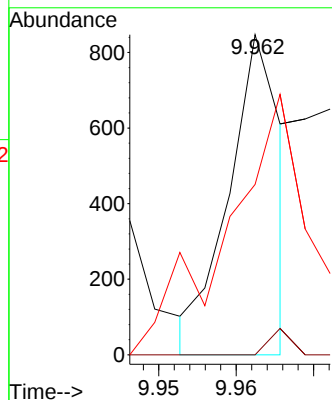
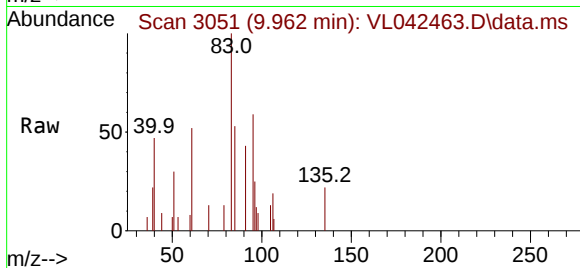
Tgt Ion: 83 Resp: 401

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 150.4 32.5 97.4#



#64

n-propylbenzene

Concen: 0.034 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.003 min

Lab File: VL042463.D

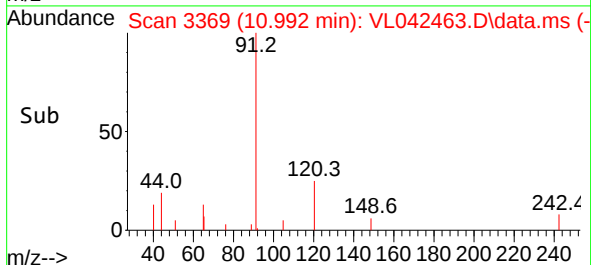
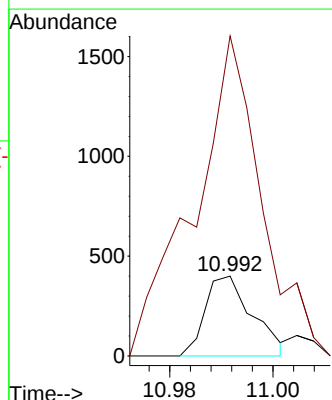
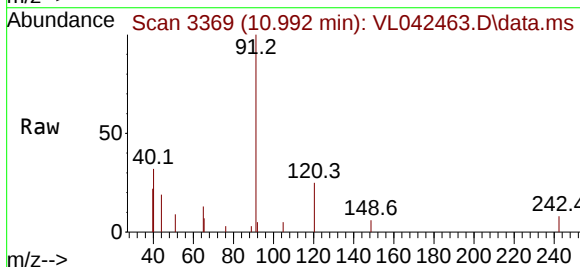
Acq: 01 May 2025 11:44

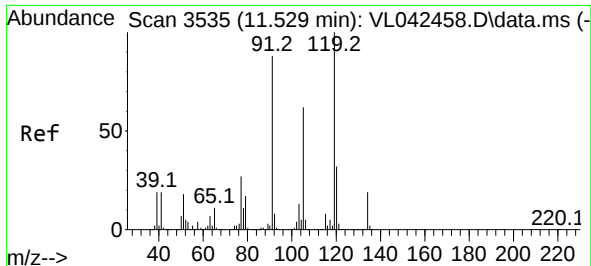
Tgt Ion: 120 Resp: 256

Ion Ratio Lower Upper

120 100

91 570.7 408.6 612.8

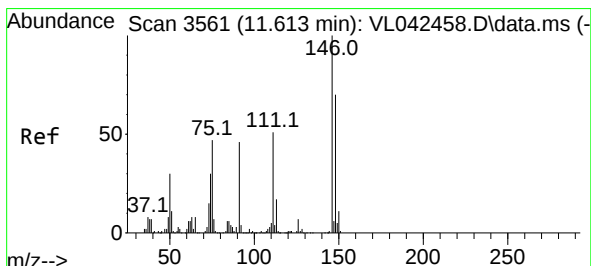
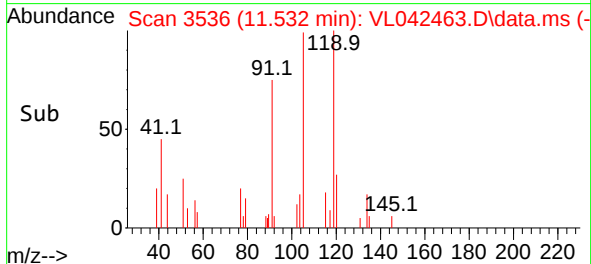
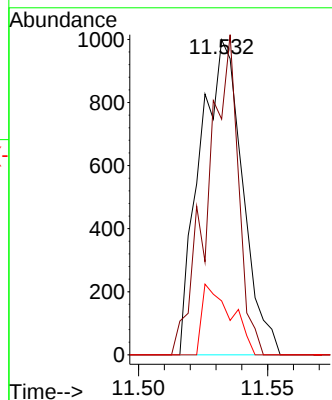
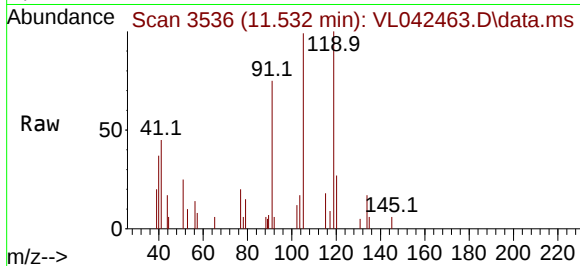




#65
tert-Butylbenzene
Concen: 0.042 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

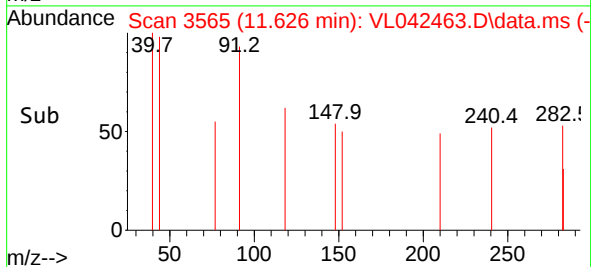
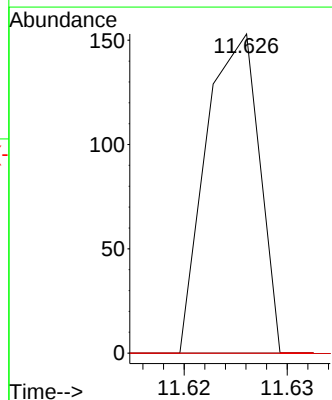
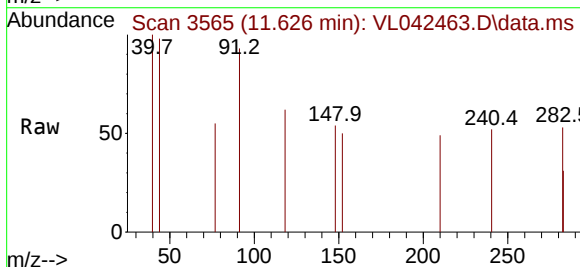
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

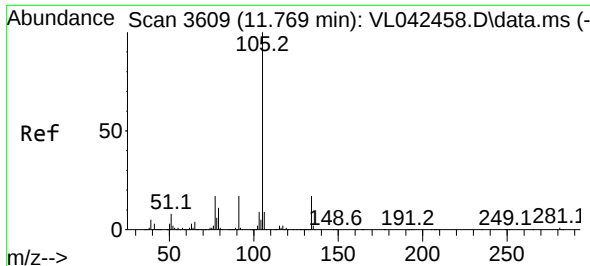
Tgt Ion:	119	Resp:	1146
Ion	Ratio	Lower	Upper
119	100		
91	73.8	71.6	107.4
134	15.3	15.0	22.4



#66
Benzyl Chloride
Concen: 0.017 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.013 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion:	91	Resp:	55
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	19.9#
128	0.0	4.2	6.4#

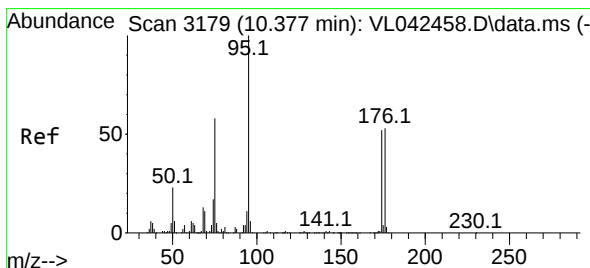
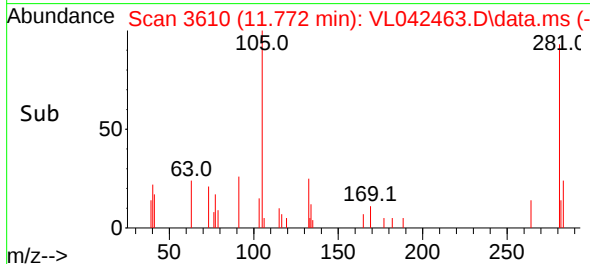
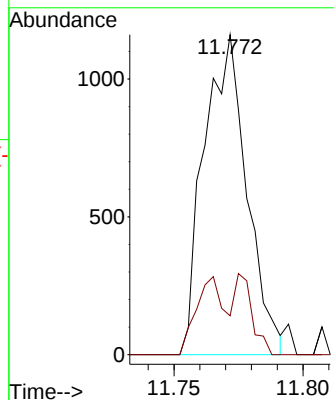
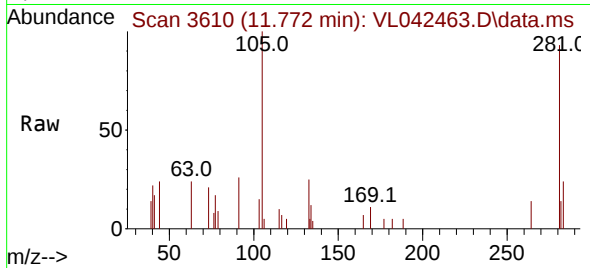




#67
 sec-Butylbenzene
 Concen: 0.034 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

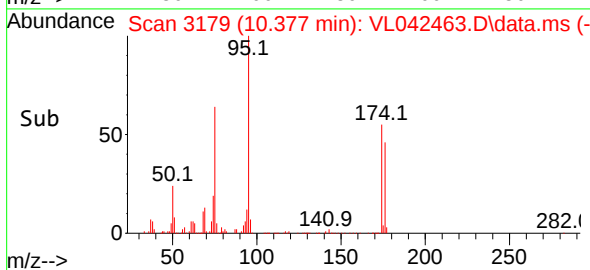
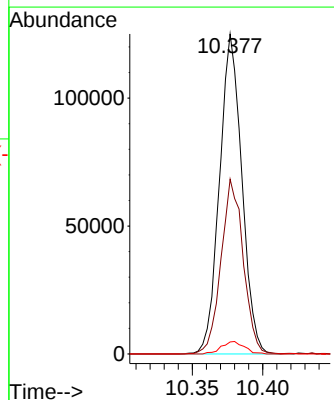
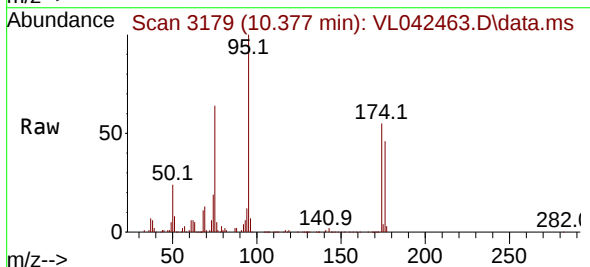
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

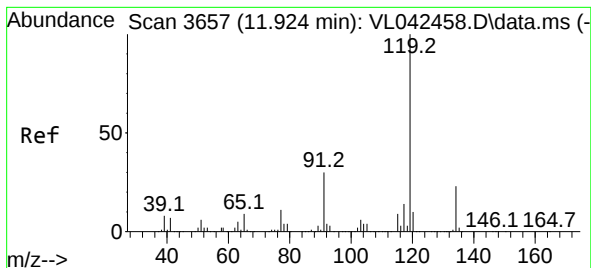
Tgt Ion:105 Resp: 1338
 Ion Ratio Lower Upper
 105 100
 134 26.2 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.845 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.000 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Tgt Ion: 95 Resp: 138202
 Ion Ratio Lower Upper
 95 100
 174 54.5 42.7 64.1
 175 4.0 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.033 ppbv

RT: 11.927 min Scan# 3658

Delta R.T. 0.003 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

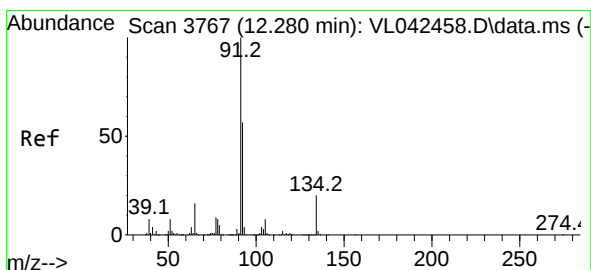
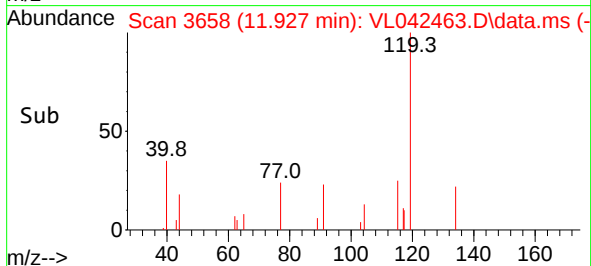
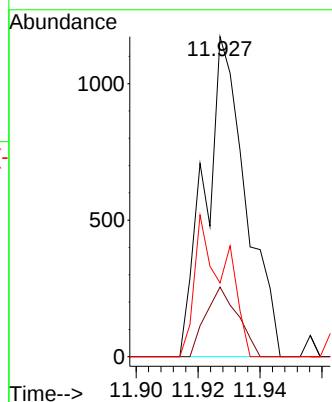
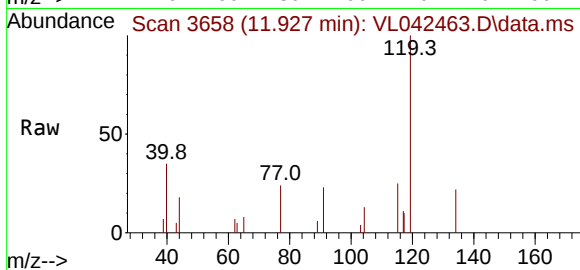
Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.03

Tgt Ion:	119	Resp:	1065
Ion	Ratio	Lower	Upper
119	100		
134	17.4	19.0	28.4#
91	33.1	25.5	38.3



#70

n-Butylbenzene

Concen: 0.034 ppbv

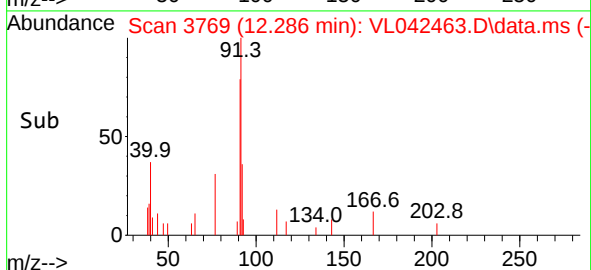
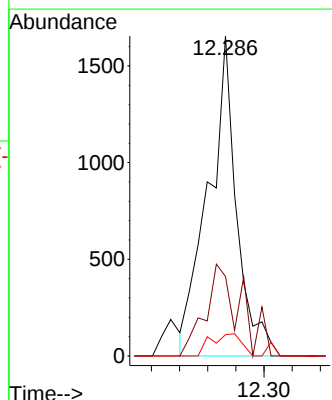
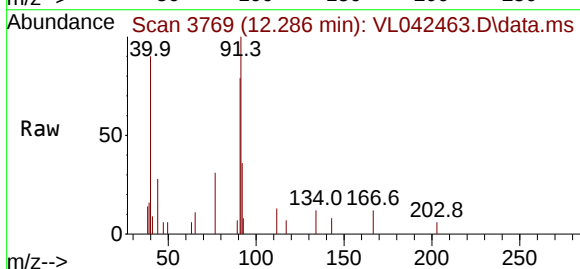
RT: 12.286 min Scan# 3769

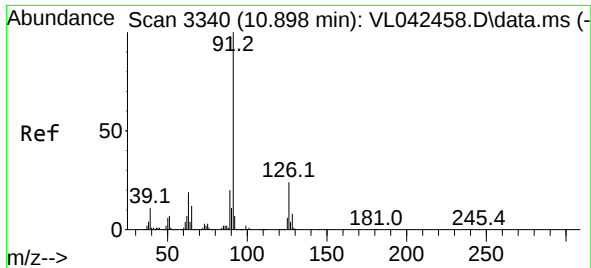
Delta R.T. 0.006 min

Lab File: VL042463.D

Acq: 01 May 2025 11:44

Tgt Ion:	91	Resp:	1153
Ion	Ratio	Lower	Upper
91	100		
92	36.2	44.0	66.0#
134	8.8	16.8	25.2#

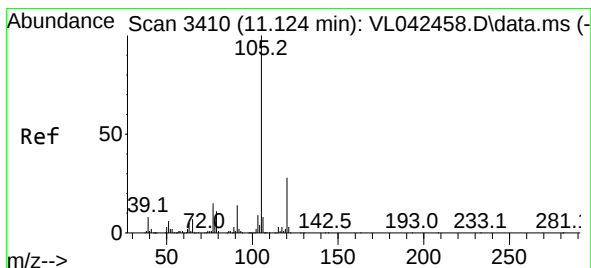
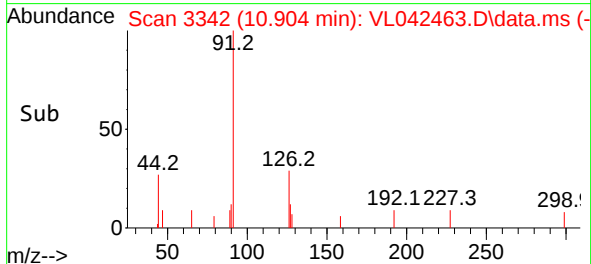
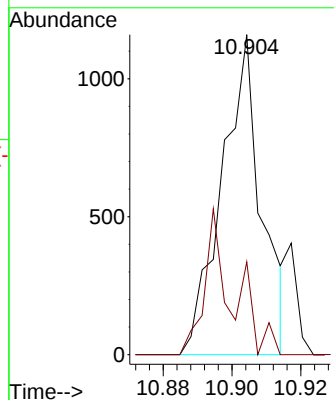
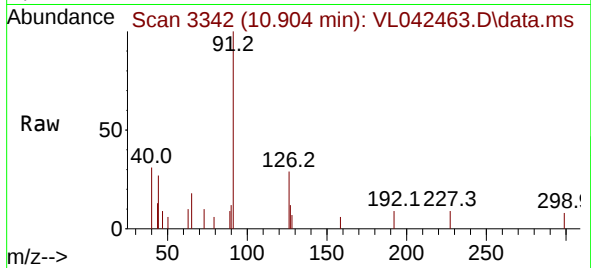




#71
2-Chlorotoluene
Concen: 0.038 ppbv
RT: 10.904 min Scan# 311
Delta R.T. 0.006 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

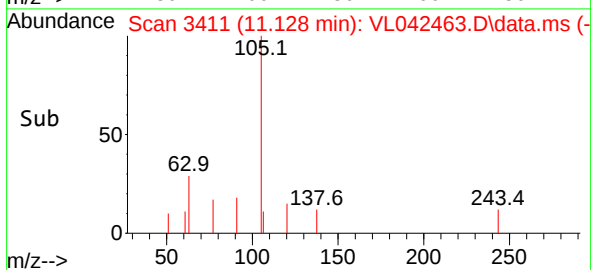
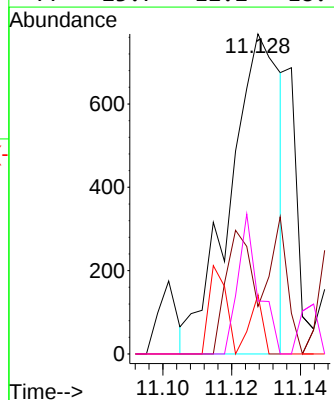
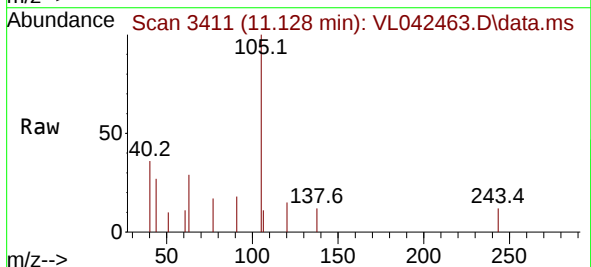
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

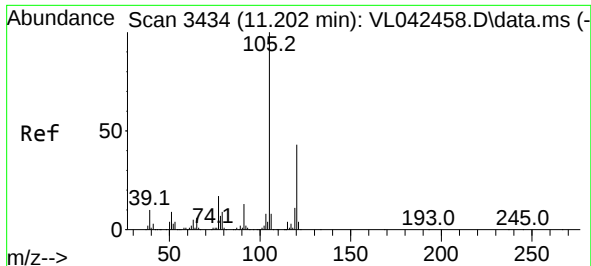
Tgt Ion: 91 Resp: 922
Ion Ratio Lower Upper
91 100
126 32.1 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.031 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion: 105 Resp: 780
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 0.0 11.2 16.8#
77 23.7 12.2 18.4#

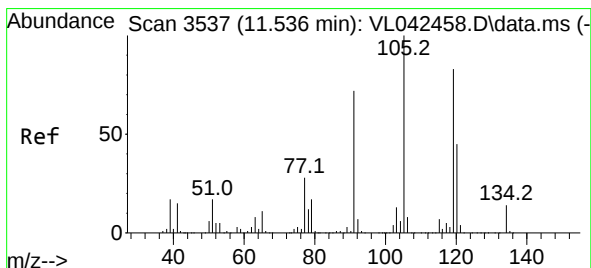
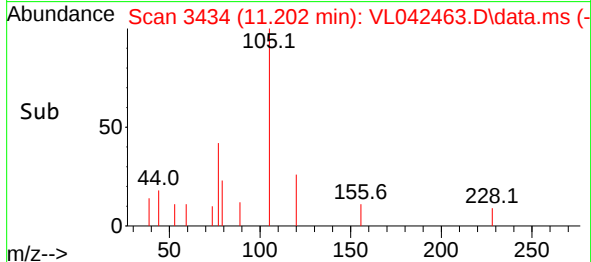
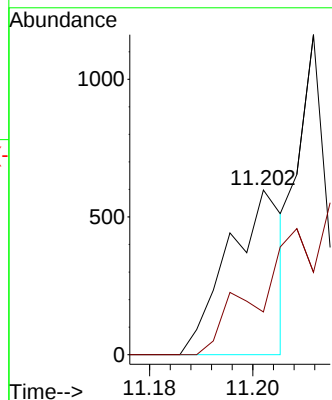
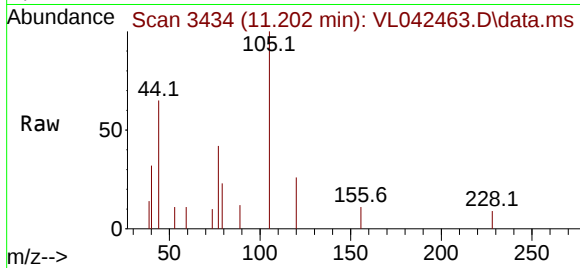




#73
1,3,5-Trimethylbenzene
Concen: 0.020 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

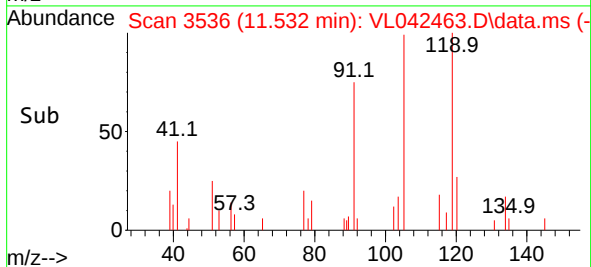
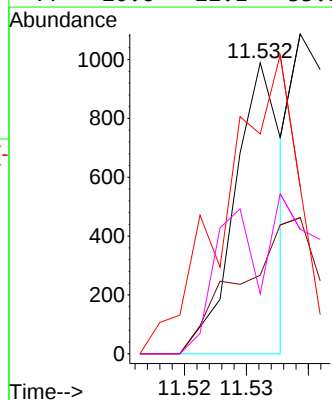
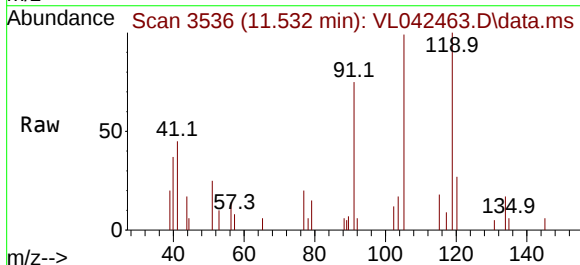
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

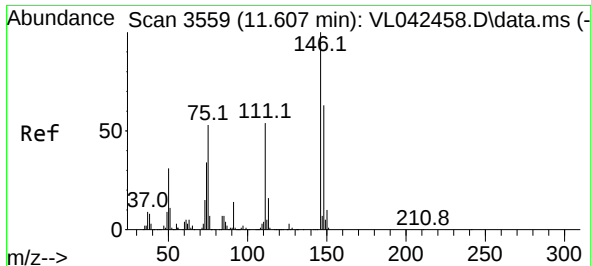
Tgt Ion:105 Resp: 436
Ion Ratio Lower Upper
105 100
120 25.9 34.4 51.6#



#74
1,2,4-Trimethylbenzene
Concen: 0.020 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion:105 Resp: 521
Ion Ratio Lower Upper
105 100
120 27.0 36.1 54.1#
91 62.2 57.6 86.4
77 20.6 22.1 33.1#

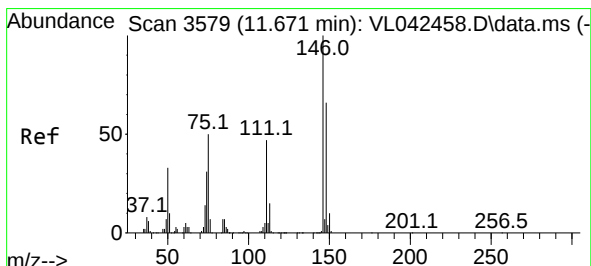
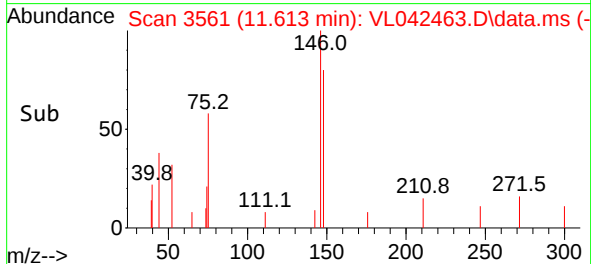
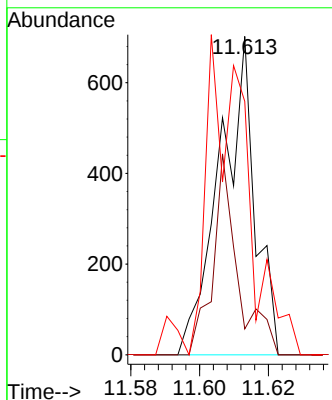
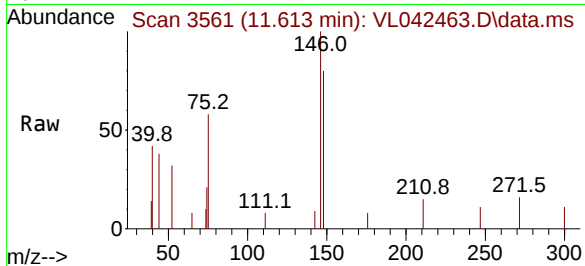




#75
1,3-Dichlorobenzene
Concen: 0.034 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.006 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

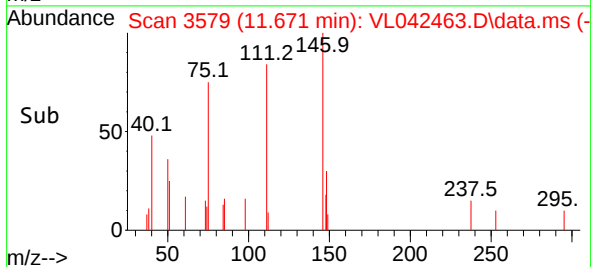
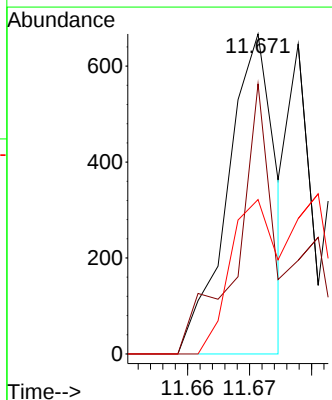
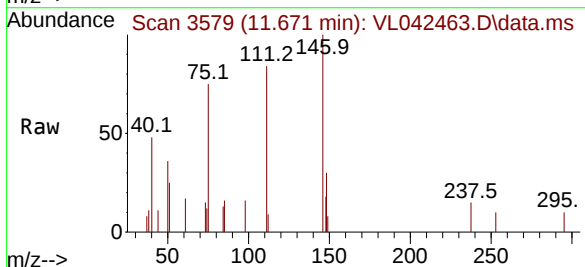
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

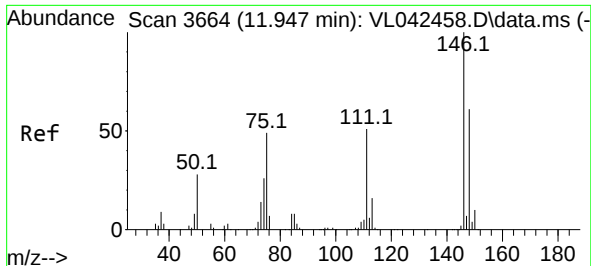
Tgt Ion:146 Resp: 497
Ion Ratio Lower Upper
146 100
111 44.5 26.1 78.3
148 117.9 32.0 96.0#



#76
1,4-Dichlorobenzene
Concen: 0.026 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion:146 Resp: 360
Ion Ratio Lower Upper
146 100
111 91.1 24.4 73.2#
148 0.0 32.0 96.2#

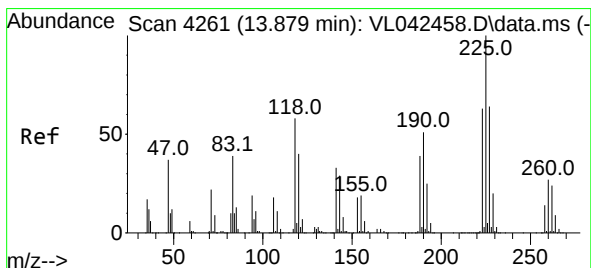
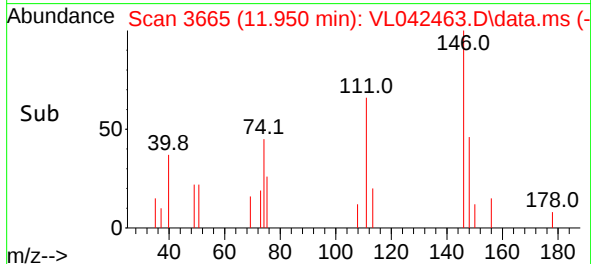
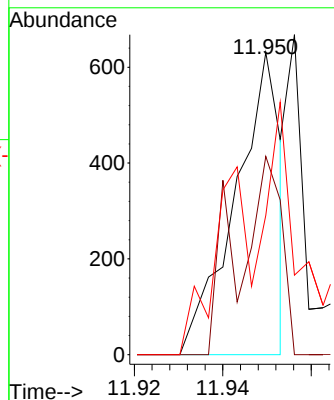
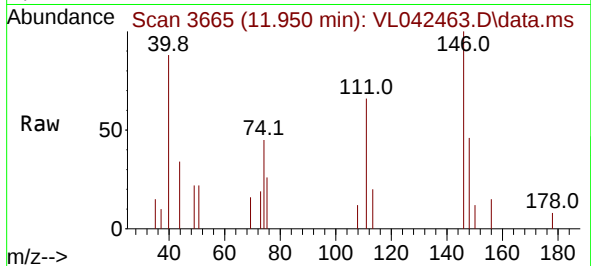




#77
1,2-Dichlorobenzene
Concen: 0.031 ppbv
RT: 11.950 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

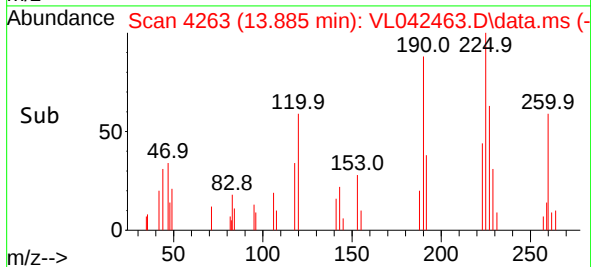
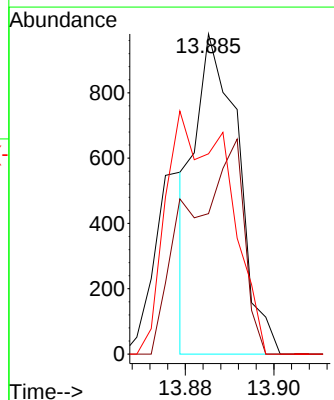
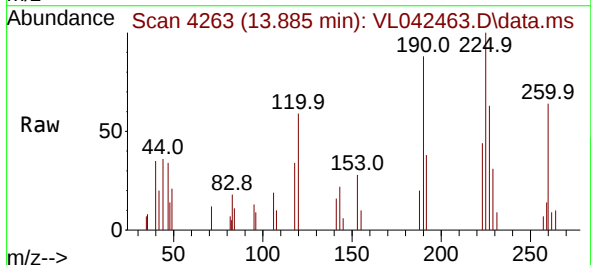
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

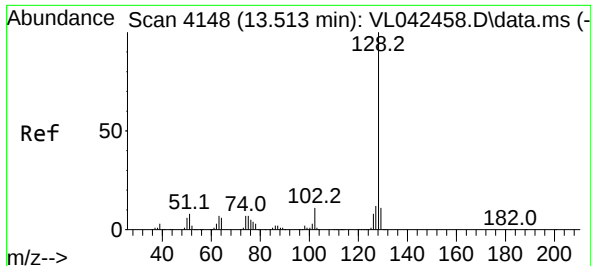
Tgt Ion:146 Resp: 449
Ion Ratio Lower Upper
146 100
111 62.1 26.5 79.5
148 0.0 31.5 94.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.046 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion:225 Resp: 663
Ion Ratio Lower Upper
225 100
223 84.9 50.2 75.4#
227 110.1 51.2 76.8#

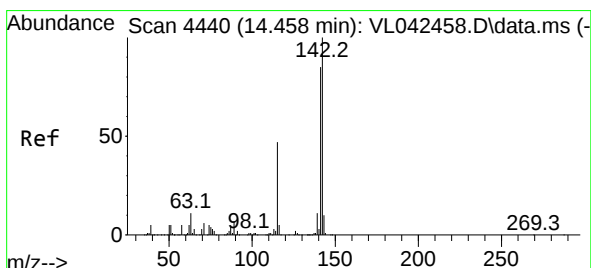
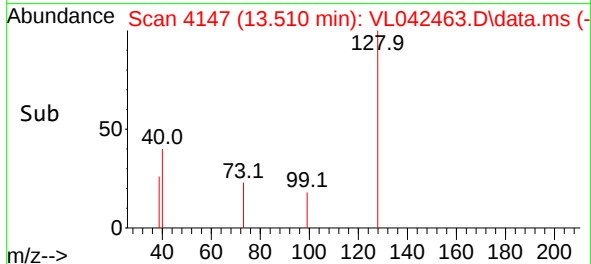
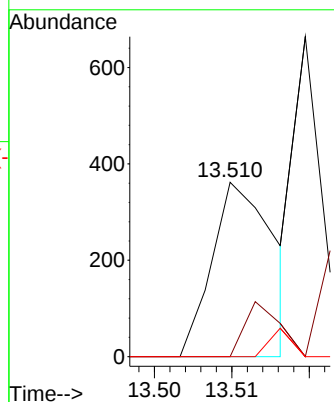
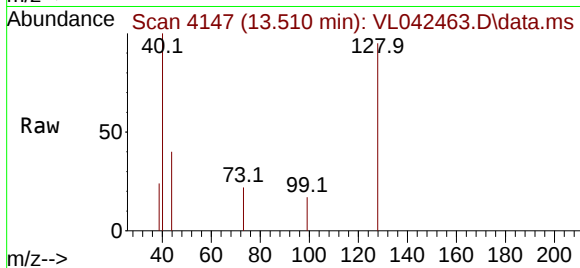




#79
Naphthalene
Concen: 0.009 ppbv
RT: 13.510 min Scan# 4148
Delta R.T. -0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

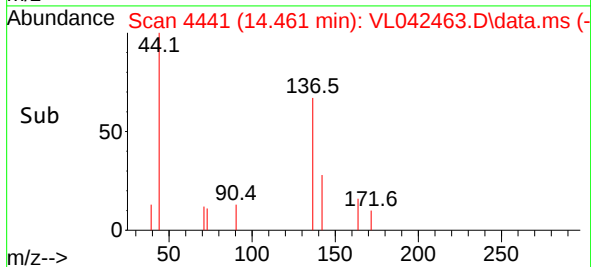
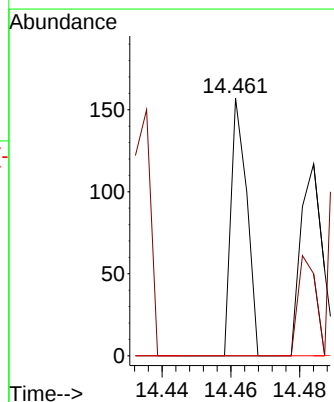
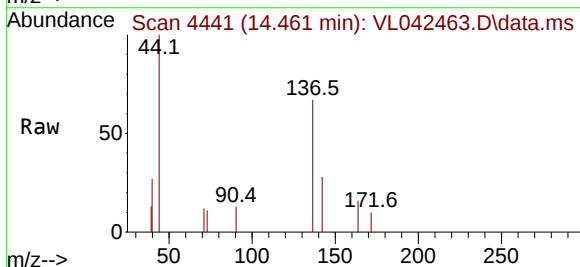
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

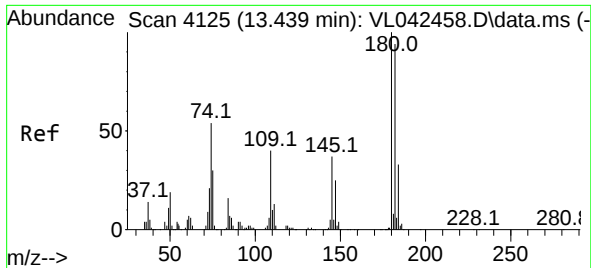
Tgt Ion:128 Resp: 202
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.003 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL042463.D
Acq: 01 May 2025 11:44

Tgt Ion:142 Resp: 50
Ion Ratio Lower Upper
142 100
141 148.0 67.4 101.0#
115 64.0 36.9 55.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.009 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL042463.D
 Acq: 01 May 2025 11:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion:180 Resp: 112
 Ion Ratio Lower Upper
 180 100
 182 254.5 74.6 111.8#
 184 75.0 24.9 37.3#

