

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041863.D
 Acq On : 09 Jan 2025 13:24
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Jan 10 00:16:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.806	49	140029	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.984	114	422202	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.907	117	386905	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.399	95	308324	9.304	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	2771	0.121	ppbv #	80
3) Chlorodifluoromethane	1.482	51	2960	0.135	ppbv #	91
4) Chloromethane	1.541	50	1381	0.146	ppbv	100
5) Vinyl Chloride	1.589	62	1043	0.109	ppbv	95
6) Bromomethane	1.673	94	757	0.185	ppbv #	77
7) Chloroethane	1.715	64	456	0.124	ppbv #	71
8) Dichlorotetrafluoroethane	1.563	85	2060	0.104	ppbv	91
9) Propene	1.033	41	196	0.026	ppbv	97
10) Heptane	5.027	43	628	0.033	ppbv #	27
11) Trichlorofluoromethane	1.887	101	2745	0.117	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.156	101	2215	0.127	ppbv	94
13) Ethanol	1.900	45	2124	2.116	ppbv #	29
14) Bromoethene	1.793	108	895	0.157	ppbv #	78
15) Acetone	1.848	43	4904	0.190	ppbv #	69
16) 1,3-Butadiene	1.615	39	2016	0.199	ppbv	100
17) tert-Butyl alcohol	2.059	59	2956	0.132	ppbv #	25
18) 1,1-Dichloroethene	2.046	96	1326	0.182	ppbv #	90
19) Isopropyl Alcohol	1.900	45	2124	0.176	ppbv #	71
20) Methylene Chloride	2.072	84	1772	0.240	ppbv #	83
21) Allyl Chloride	2.107	41	2163	0.163	ppbv	87
22) trans-1,2-Dichloroethene	2.046	96	1326	0.163	ppbv	84
23) Vinyl Acetate	2.476	43	2311	0.288	ppbv #	75
24) 1,1-Dichloroethane	2.424	63	2122	0.119	ppbv #	88
25) Ethyl Acetate	2.864	43	5651	0.131	ppbv #	83
26) Hexane	2.845	57	3081	0.205	ppbv #	1
27) Carbon Disulfide	2.162	76	2245	0.158	ppbv #	1
28) Methyl tert-Butyl Ether	2.460	73	1252	0.111	ppbv #	54
29) Chloroform	2.864	83	3997	0.143	ppbv	99
30) Cyclohexane	3.890	84	737	0.065	ppbv #	1
31) cis-1,2-Dichloroethene	2.738	61	2470	0.160	ppbv	86
32) 1,1,1-Trichloroethane	3.395	97	1405	0.056	ppbv #	1
34) 2-Butanone	2.580	43	4402	0.132	ppbv #	88
35) Carbon Tetrachloride	3.793	117	2669	0.084	ppbv #	67
36) Benzene	3.683	78	3888	0.096	ppbv #	65
37) 1,2-Dichloroethane	3.237	62	2424	0.091	ppbv #	93
38) Trichloroethene	4.580	130	620	0.040	ppbv #	47
39) 1,2-Dichloropropane	4.344	63	1255	0.080	ppbv #	69
40) 1,4-Dioxane	4.648	88	444	0.074	ppbv #	1
41) Tetrahydrofuran	3.072	42	160	0.010	ppbv #	37
42) Bromodichloromethane	4.522	83	3932	0.126	ppbv #	81
43) Methyl Methacrylate	4.917	69	1096	0.087	ppbv #	1
44) 2,2,4-Trimethylpentane	4.667	57	4463	0.067	ppbv #	6
45) t-1,3-Dichloropropene	6.460	75	824	0.067	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041863.D
 Acq On : 09 Jan 2025 13:24
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

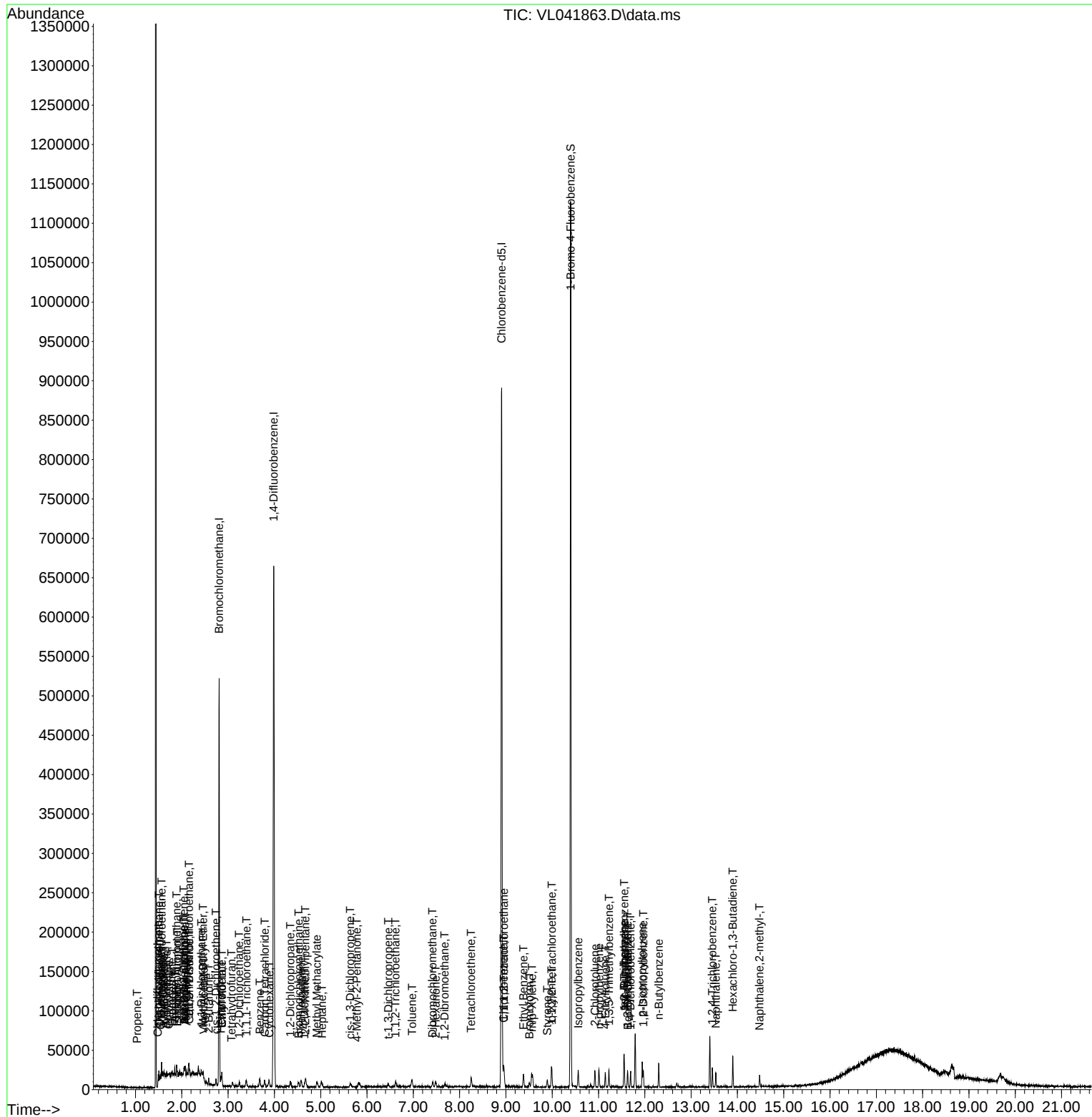
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

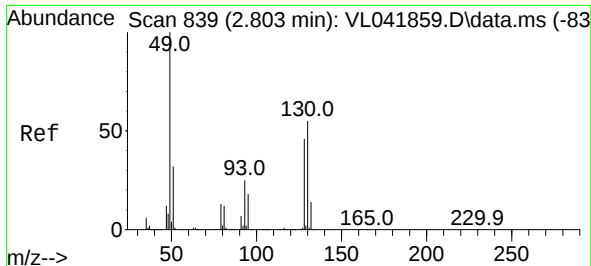
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	320	0.020	ppbv #	71
47) 1,1,2-Trichloroethane	6.616	97	484	0.029	ppbv #	23
48) Dibromochloromethane	7.412	129	942	0.045	ppbv #	1
49) Bromoform	9.506	173	1354	0.080	ppbv #	62
50) 4-Methyl-2-Pentanone	5.781	43	127	0.003	ppbv #	38
51) 2-Hexanone	7.486	43	4204	0.144	ppbv #	95
52) Tetrachloroethene	8.247	164	837	0.070	ppbv #	70
53) Toluene	6.972	91	6449	0.180	ppbv	88
54) 1,2-Dibromoethane	7.674	107	718	0.036	ppbv	83
56) 1,1,1,2-Tetrachloroethane	8.953	131	2090	0.095	ppbv #	46
57) Chlorobenzene	8.949	112	4483	0.111	ppbv #	91
58) Ethyl Benzene	9.377	91	8736	0.166	ppbv #	85
59) m/p-Xylene	9.564	91	2538	0.055	ppbv #	100
60) o-Xylene	9.985	91	6988	0.154	ppbv	92
61) Styrene	9.894	104	2048	0.117	ppbv #	60
62) Isopropylbenzene	10.564	105	3997	0.056	ppbv #	37
63) 1,1,2,2-Tetrachloroethane	9.992	83	4264	0.107	ppbv	97
64) n-propylbenzene	11.014	120	1121	0.061	ppbv #	1
65) tert-Butylbenzene	11.552	119	9464	0.148	ppbv	99
66) Benzyl Chloride	11.633	91	1103	0.205	ppbv #	82
67) sec-Butylbenzene	11.555	105	7683	0.082	ppbv	93
69) p-Isopropyltoluene	11.943	119	9894	0.135	ppbv #	90
70) n-Butylbenzene	12.303	91	10777	0.146	ppbv	94
71) 2-Chlorotoluene	10.920	91	7959	0.154	ppbv	98
72) 4-Ethyltoluene	11.147	105	7954	0.145	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.225	105	7494	0.156	ppbv	93
74) 1,2,4-Trimethylbenzene	11.555	105	7683	0.138	ppbv #	87
75) 1,3-Dichlorobenzene	11.629	146	4471	0.120	ppbv	90
76) 1,4-Dichlorobenzene	11.688	146	4330	0.121	ppbv	97
77) 1,2-Dichlorobenzene	11.969	146	4788	0.124	ppbv	99
78) Hexachloro-1,3-Butadiene	13.901	225	3472	0.126	ppbv	87
79) Naphthalene	13.532	128	8145	0.199	ppbv	99
80) Naphthalene,2-methyl-	14.478	142	4530	0.299	ppbv	97
81) 1,2,4-Trichlorobenzene	13.455	180	4537	0.200	ppbv	97

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCO.1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCO.1

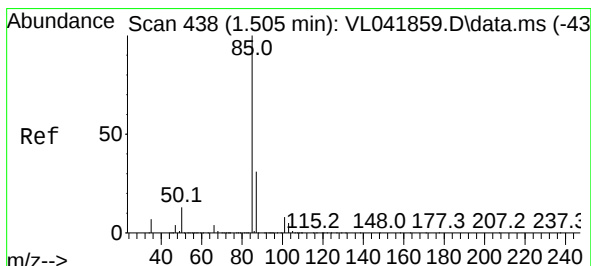
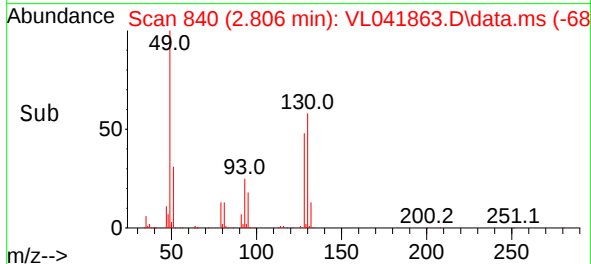
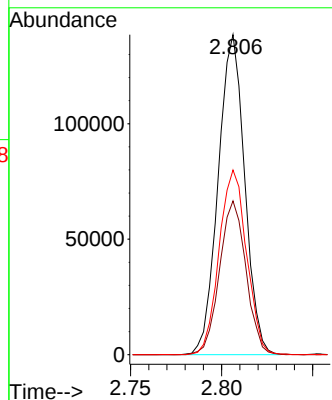
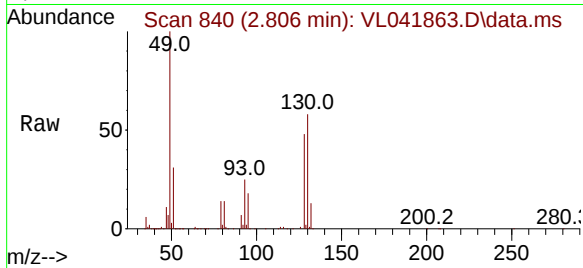




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 840
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

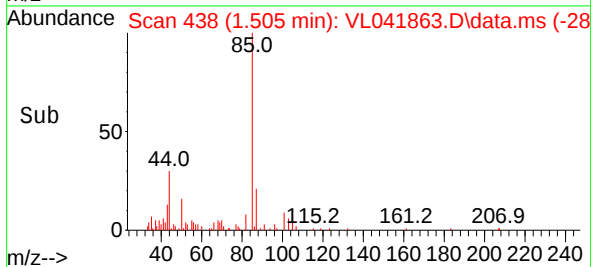
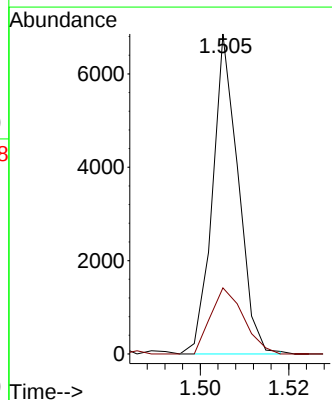
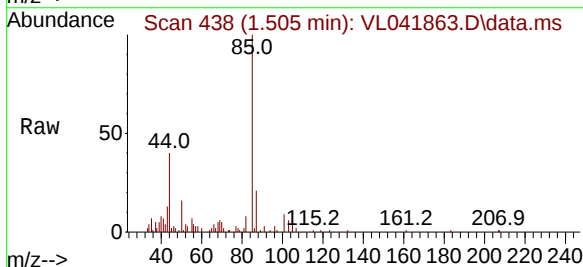
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MSVOA_L
ClientSampleId :
VSTDIC0.1

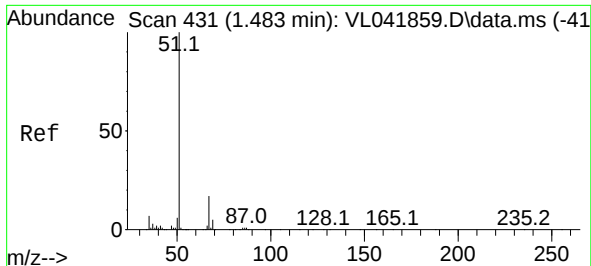
Tgt Ion: 49 Resp: 140029
Ion Ratio Lower Upper
49 100
128 47.9 23.2 69.5
130 59.9 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.121 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 85 Resp: 2771
Ion Ratio Lower Upper
85 100
87 20.7 25.2 37.8#





#3

Chlorodifluoromethane

Concen: 0.135 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

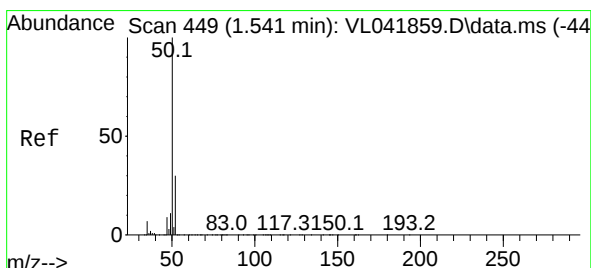
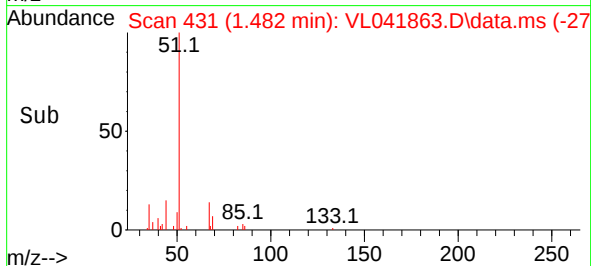
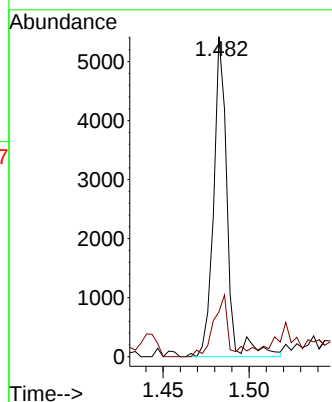
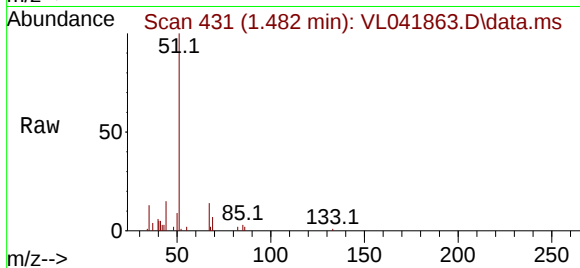
VSTDIC0.1

Tgt Ion: 51 Resp: 2960

Ion Ratio Lower Upper

51 100

67 21.3 13.8 20.8#



#4

Chloromethane

Concen: 0.146 ppbv

RT: 1.541 min Scan# 449

Delta R.T. -0.000 min

Lab File: VL041863.D

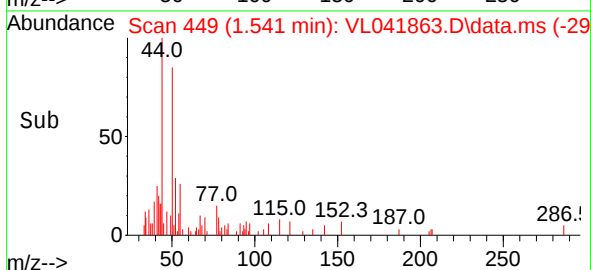
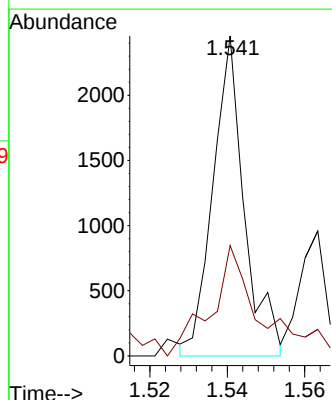
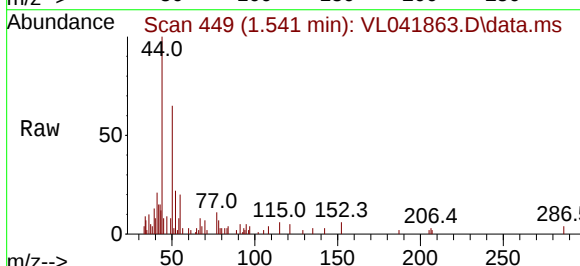
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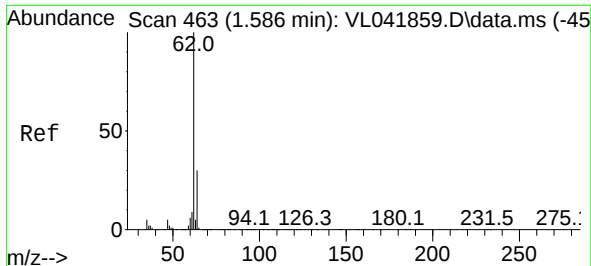
Tgt Ion: 50 Resp: 1381

Ion Ratio Lower Upper

50 100

52 30.1 23.9 35.9

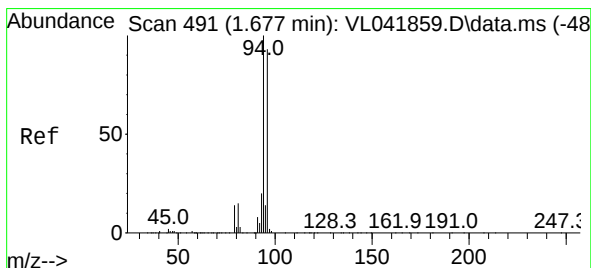
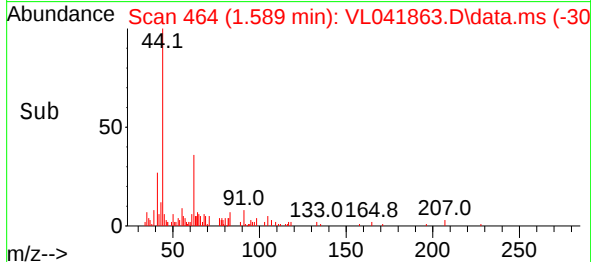
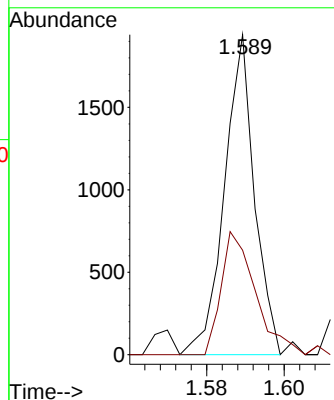
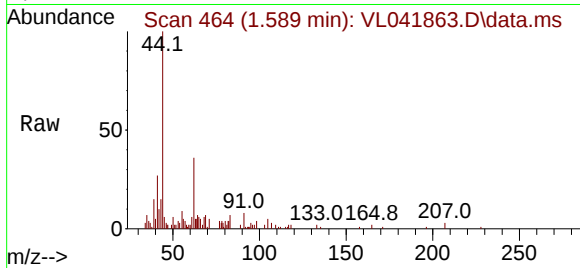




#5
 Vinyl Chloride
 Concen: 0.109 ppbv
 RT: 1.589 min Scan# 4
 Delta R.T. 0.003 min
 Lab File: VL041863.D
 Acq: 09 Jan 2025 13:24

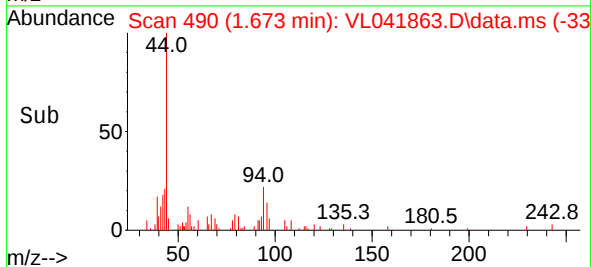
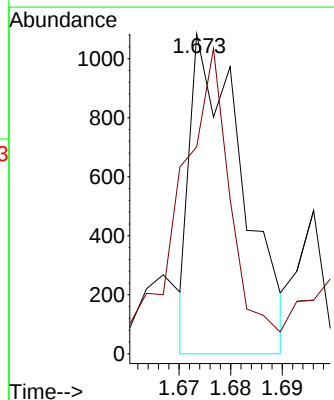
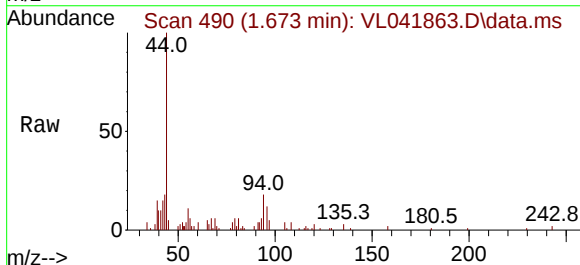
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

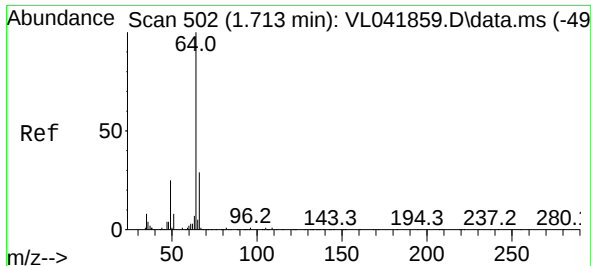
Tgt Ion: 62 Resp: 1043
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.1 36.1



#6
 Bromomethane
 Concen: 0.185 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.004 min
 Lab File: VL041863.D
 Acq: 09 Jan 2025 13:24

Tgt Ion: 94 Resp: 757
 Ion Ratio Lower Upper
 94 100
 96 71.4 74.8 112.2#

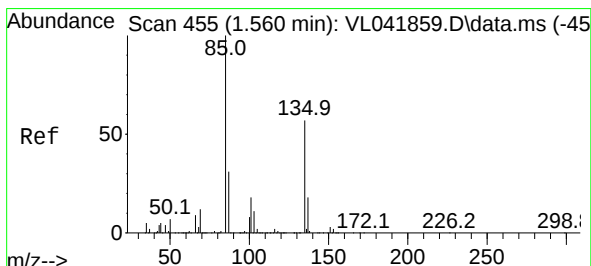
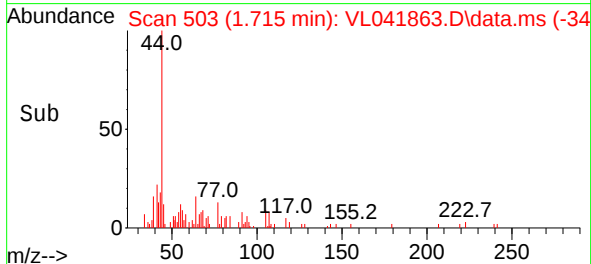
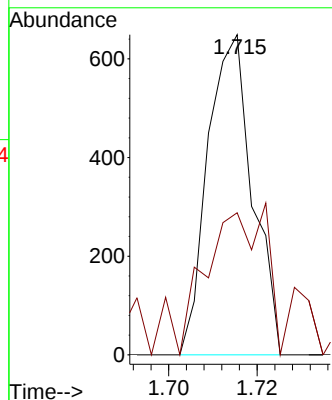
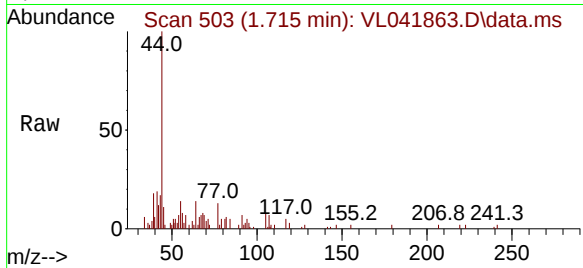




#7
Chloroethane
Concen: 0.124 ppbv
RT: 1.715 min Scan# 502
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

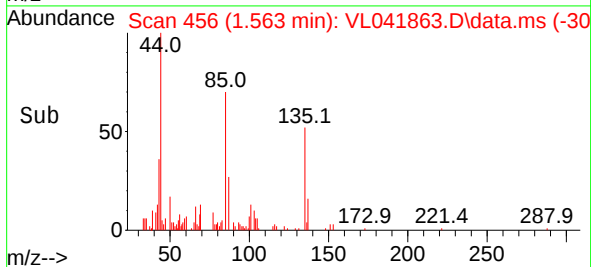
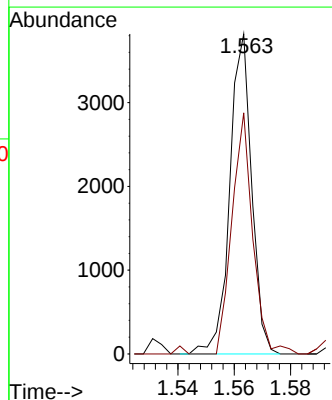
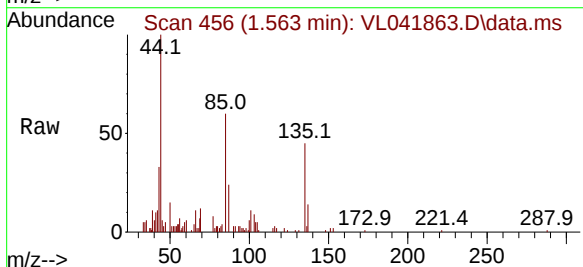
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

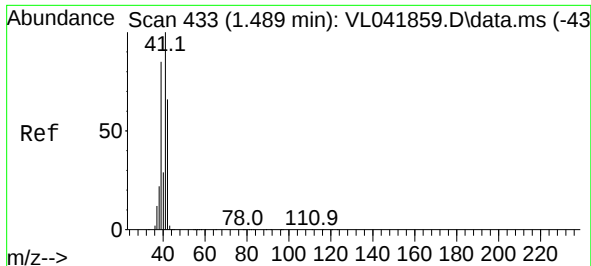
Tgt Ion: 64 Resp: 456
Ion Ratio Lower Upper
64 100
66 44.4 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.104 ppbv
RT: 1.563 min Scan# 456
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 85 Resp: 2060
Ion Ratio Lower Upper
85 100
135 72.7 52.2 78.4





#9

Propene

Concen: 0.026 ppbv

RT: 1.033 min Scan# 20

Delta R.T. -0.457 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

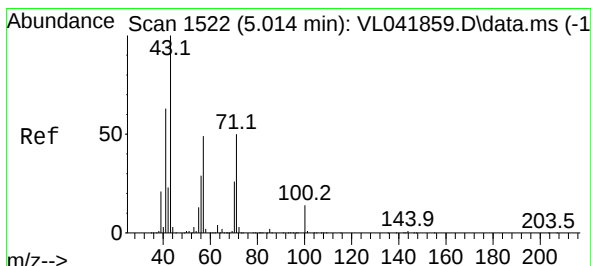
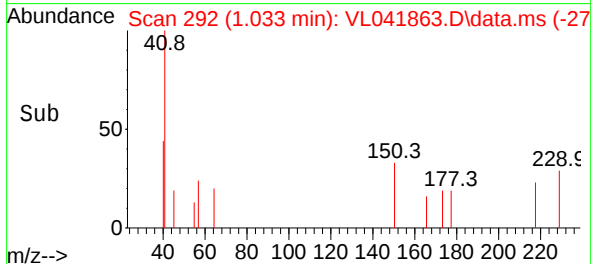
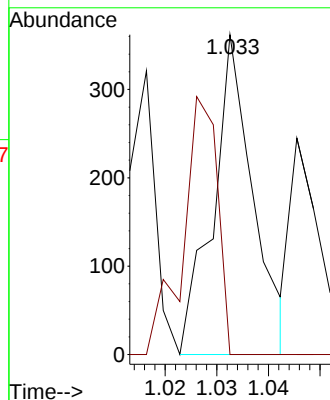
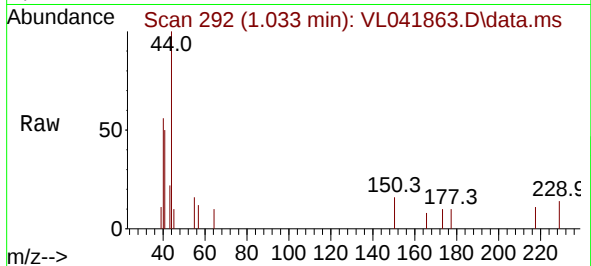
VSTDIC0.1

Tgt Ion: 41 Resp: 196

Ion Ratio Lower Upper

41 100

42 68.9 53.0 79.6



#10

Heptane

Concen: 0.033 ppbv

RT: 5.027 min Scan# 1526

Delta R.T. 0.013 min

Lab File: VL041863.D

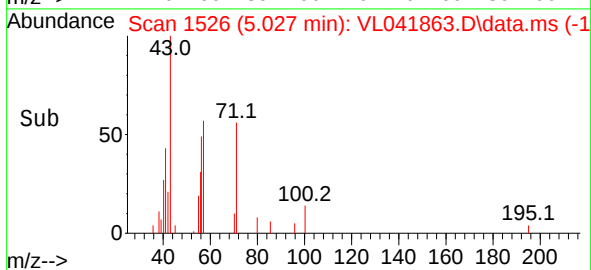
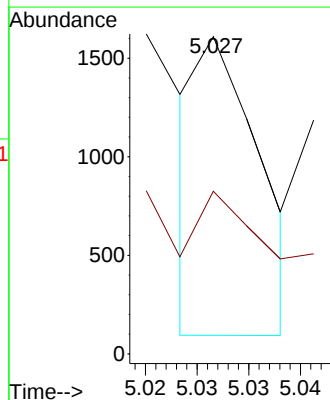
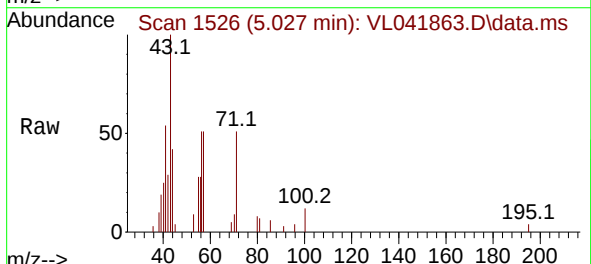
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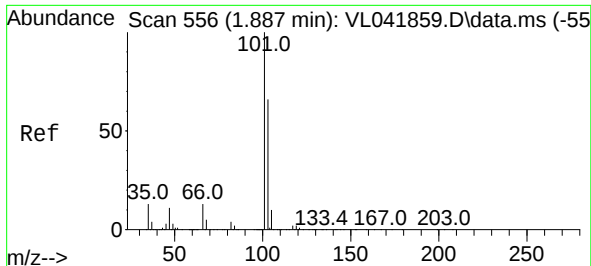
Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

57 0.0 40.2 60.2#





#11

Trichlorofluoromethane

Concen: 0.117 ppbv

RT: 1.887 min Scan# 556

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

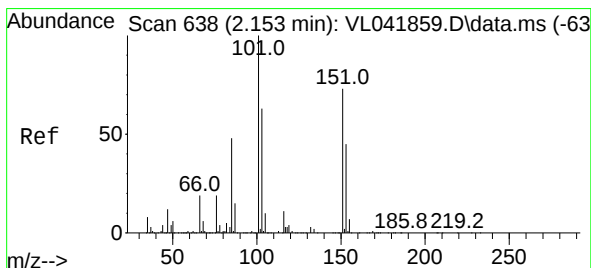
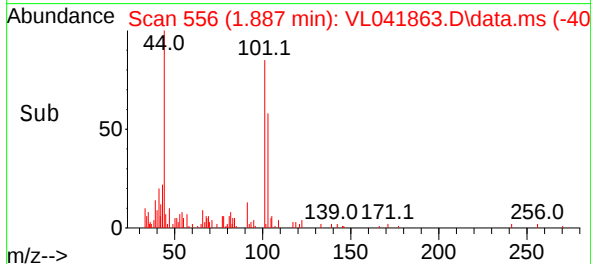
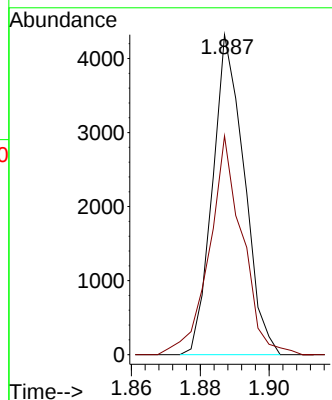
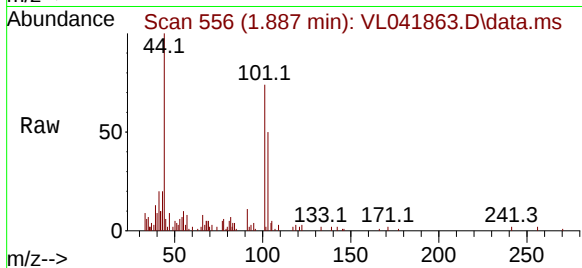
VSTDIC0.1

Tgt Ion:101 Resp: 2745

Ion Ratio Lower Upper

101 100

103 66.2 52.6 78.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.127 ppbv

RT: 2.156 min Scan# 639

Delta R.T. 0.003 min

Lab File: VL041863.D

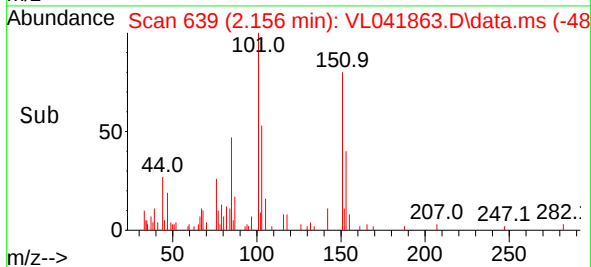
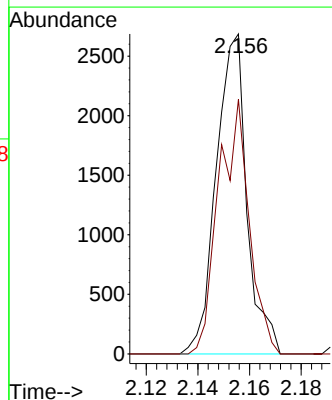
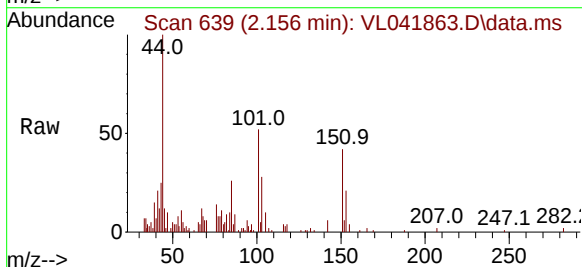
Acq: 09 Jan 2025 13:24

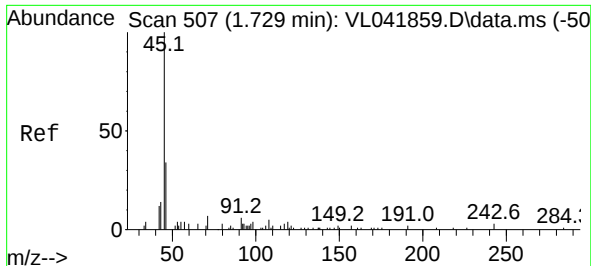
Tgt Ion:101 Resp: 2215

Ion Ratio Lower Upper

101 100

151 79.3 59.4 89.0





#13

Ethanol

Concen: 2.116 ppbv

RT: 1.900 min Scan# 5

Delta R.T. 0.171 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

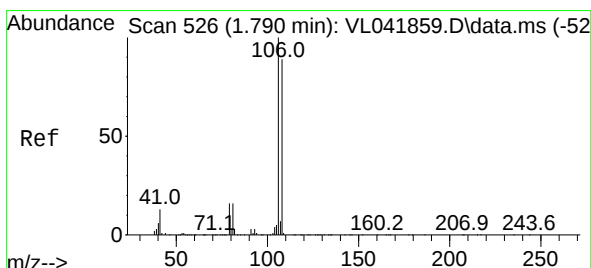
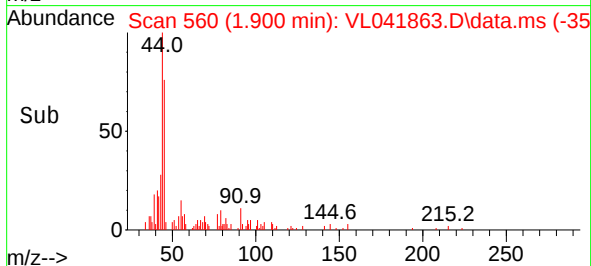
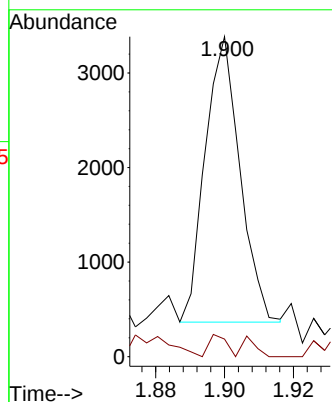
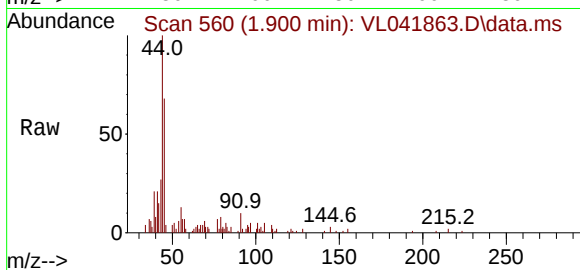
VSTDICC0.1

Tgt Ion: 45 Resp: 2124

Ion Ratio Lower Upper

45 100

46 0.0 19.0 76.0#



#14

Bromoethene

Concen: 0.157 ppbv

RT: 1.793 min Scan# 527

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

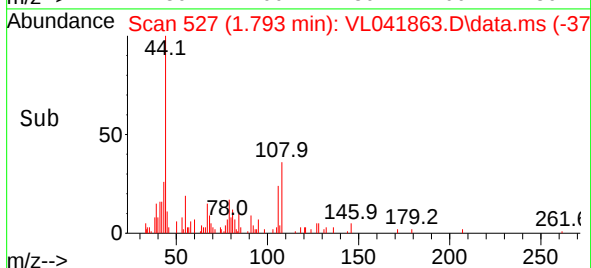
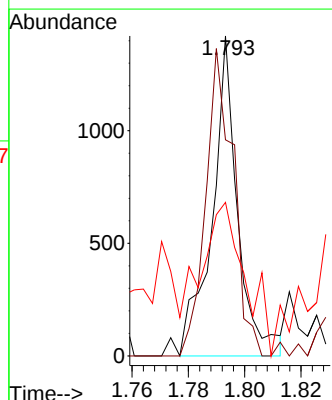
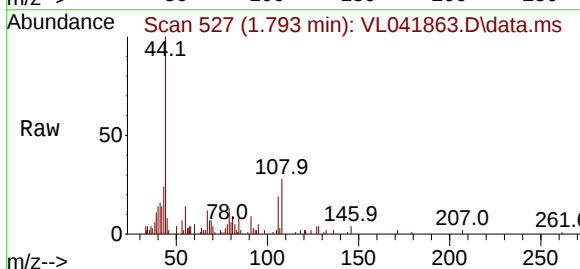
Tgt Ion:108 Resp: 895

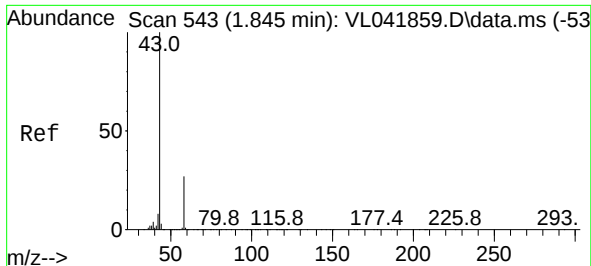
Ion Ratio Lower Upper

108 100

106 104.7 86.9 130.3

79 75.0 15.6 23.4#

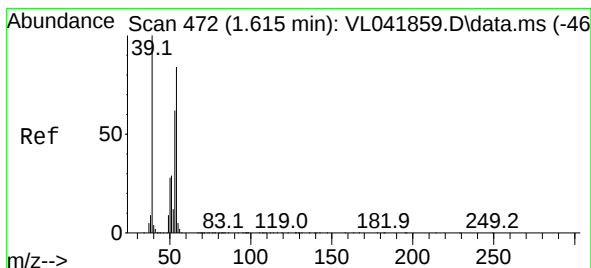
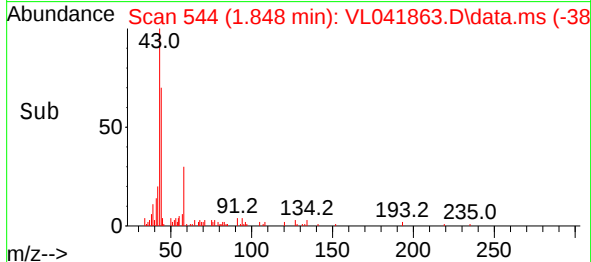
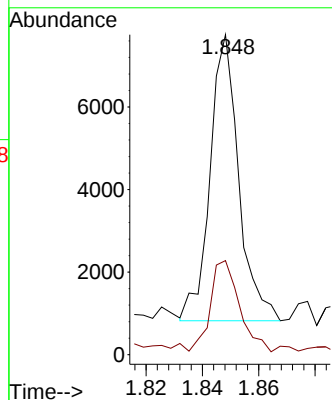
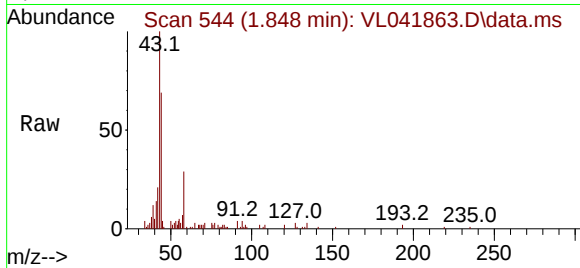




#15
Acetone
Concen: 0.190 ppbv
RT: 1.848 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

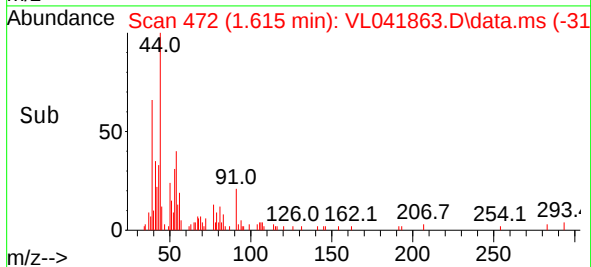
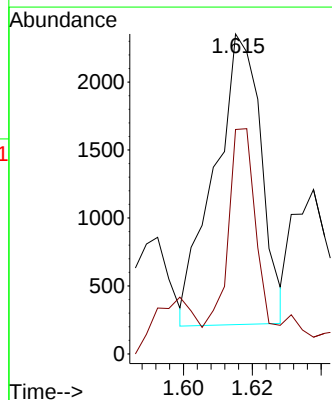
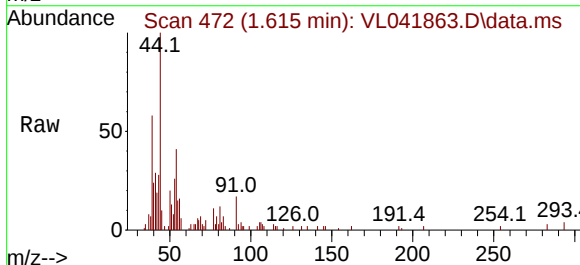
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

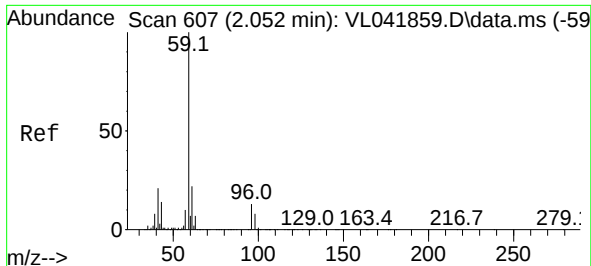
Tgt Ion: 43 Resp: 4904
Ion Ratio Lower Upper
43 100
58 44.8 22.7 34.1#



#16
1,3-Butadiene
Concen: 0.199 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 39 Resp: 2016
Ion Ratio Lower Upper
39 100
54 75.4 60.1 90.1

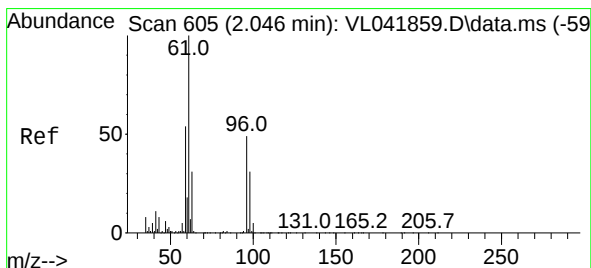
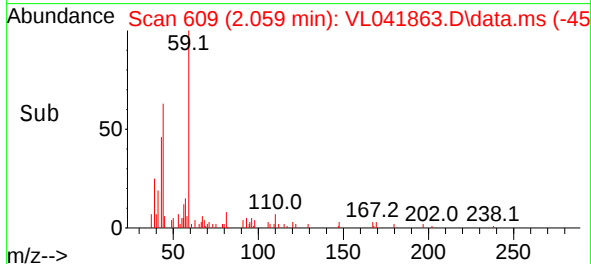
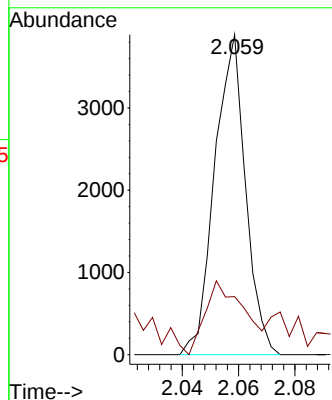
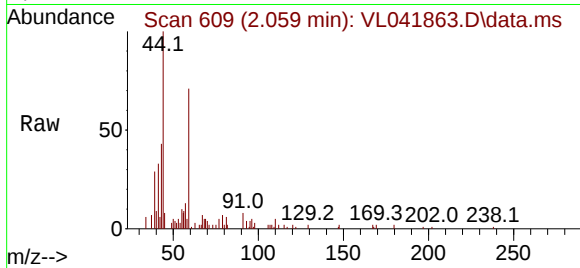




#17
tert-Butyl alcohol
Concen: 0.132 ppbv
RT: 2.059 min Scan# 607
Delta R.T. 0.006 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

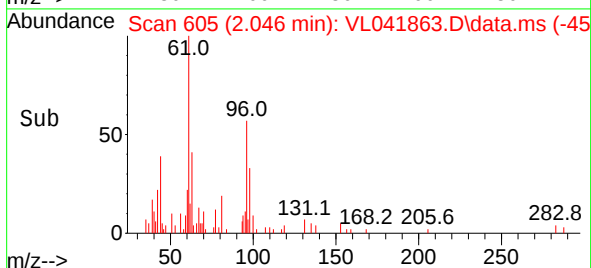
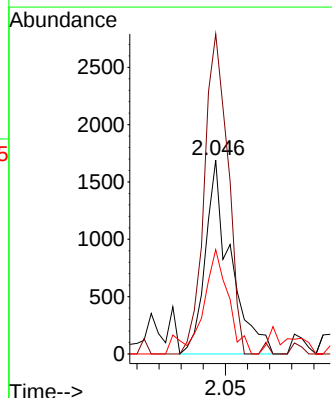
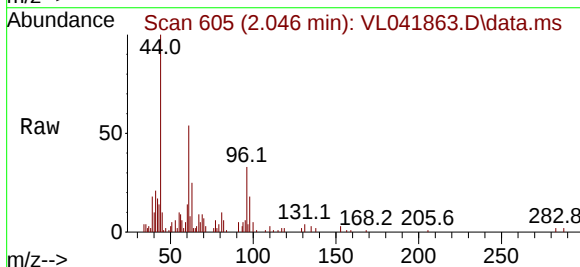
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

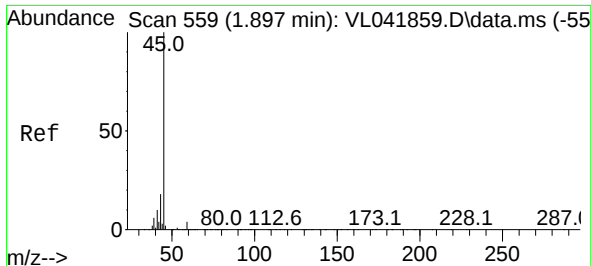
Tgt Ion: 59 Resp: 2956
Ion Ratio Lower Upper
59 100
57 38.4 8.2 12.4#



#18
1,1-Dichloroethene
Concen: 0.182 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 96 Resp: 1326
Ion Ratio Lower Upper
96 100
61 190.1 161.7 242.5
98 49.1 51.0 76.4#





#19

Isopropyl Alcohol

Concen: 0.176 ppbv

RT: 1.900 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

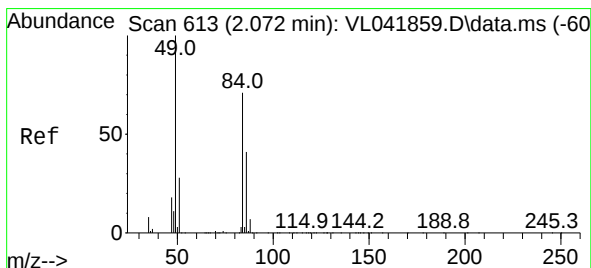
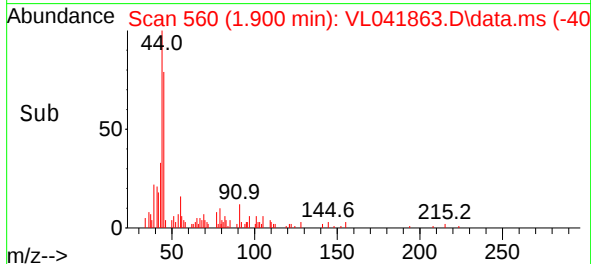
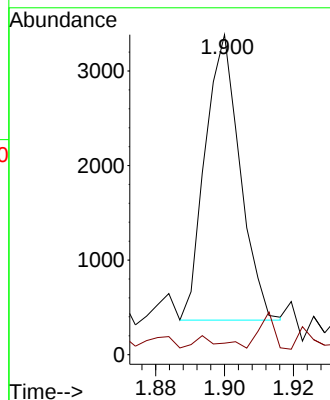
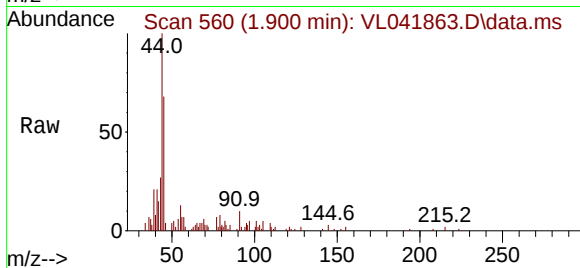
VSTDIC0.1

Tgt Ion: 45 Resp: 2124

Ion Ratio Lower Upper

45 100

58 27.0 37.0 55.6#



#20

Methylene Chloride

Concen: 0.240 ppbv

RT: 2.072 min Scan# 613

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Tgt Ion: 84 Resp: 1772

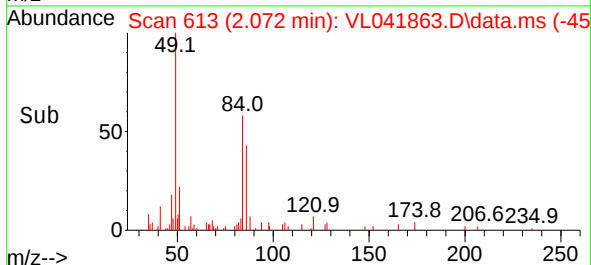
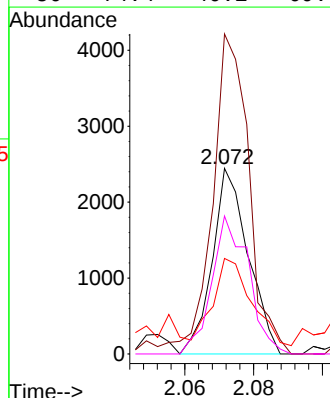
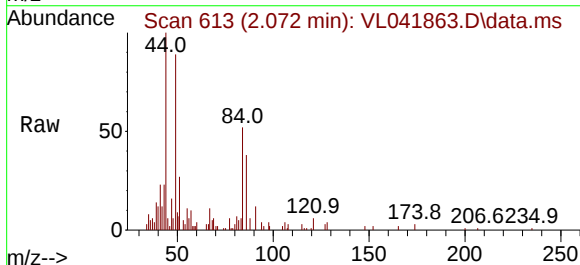
Ion Ratio Lower Upper

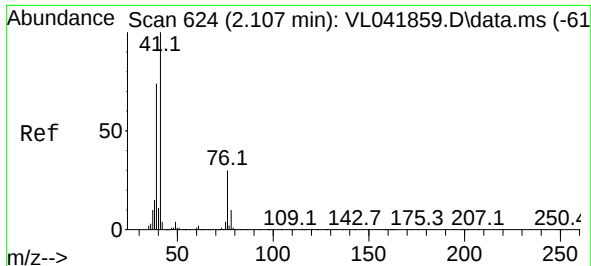
84 100

49 165.7 113.8 170.8

51 42.4 33.5 50.3

86 74.4 46.2 69.4#





#21

Allyl Chloride

Concen: 0.163 ppbv

RT: 2.107 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

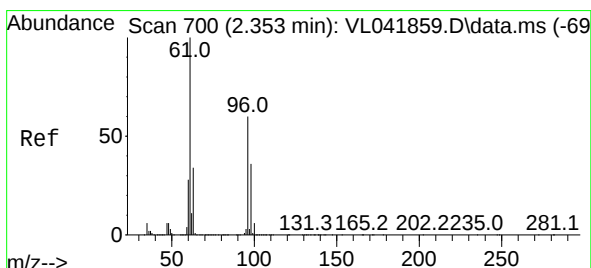
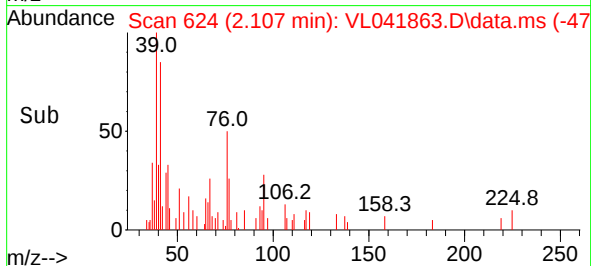
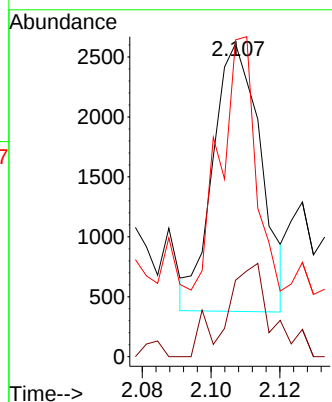
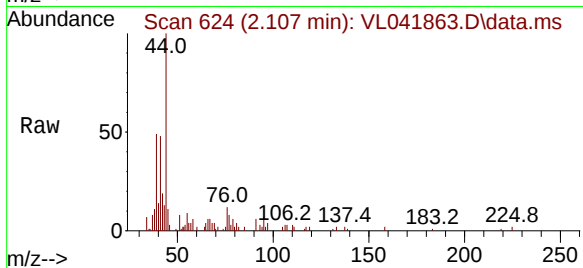
Tgt Ion: 41 Resp: 2163

Ion Ratio Lower Upper

41 100

76 35.3 24.6 36.8

39 87.3 60.1 90.1



#22

trans-1,2-Dichloroethene

Concen: 0.163 ppbv

RT: 2.046 min Scan# 605

Delta R.T. -0.308 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

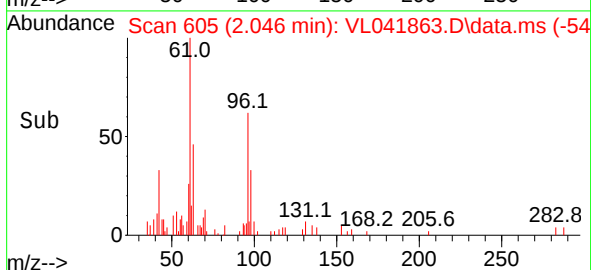
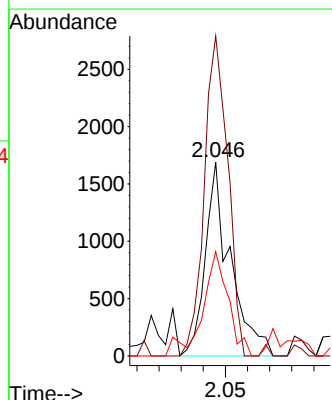
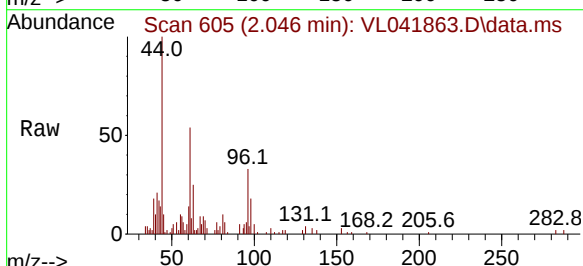
Tgt Ion: 96 Resp: 1326

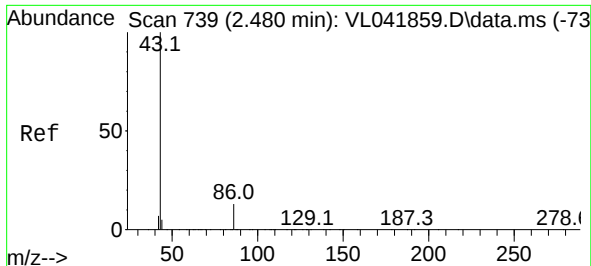
Ion Ratio Lower Upper

96 100

61 190.1 134.2 201.4

98 49.1 49.0 73.4





#23

Vinyl Acetate

Concen: 0.288 ppbv

RT: 2.476 min Scan# 739

Delta R.T. -0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 2311

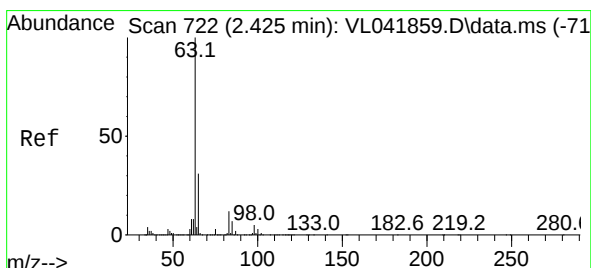
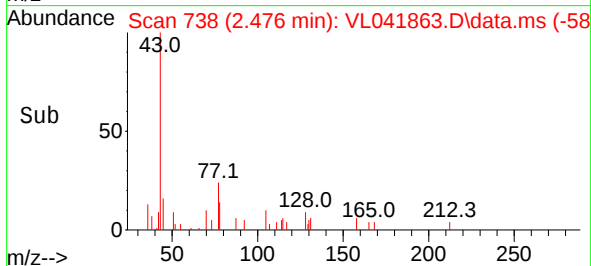
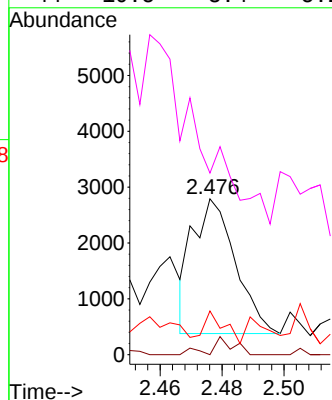
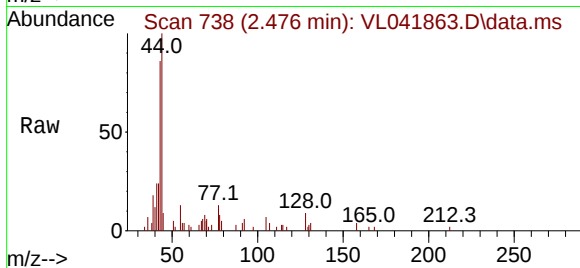
Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.6#

42 18.2 7.0 10.4#

44 10.5 3.4 5.2#



#24

1,1-Dichloroethane

Concen: 0.119 ppbv

RT: 2.424 min Scan# 722

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

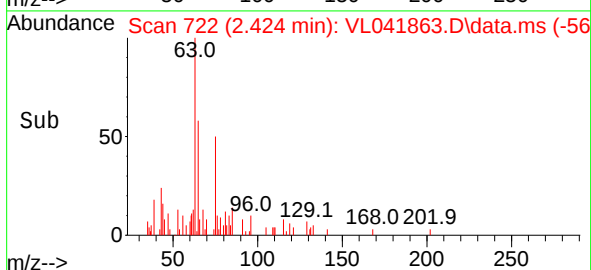
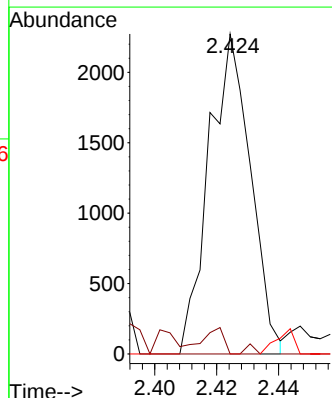
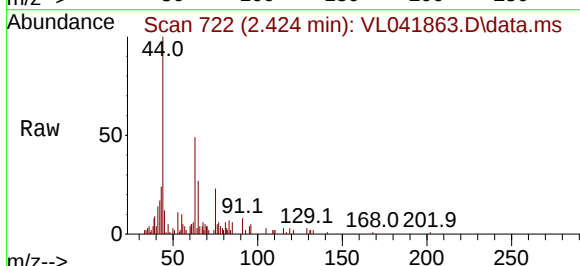
Tgt Ion: 63 Resp: 2122

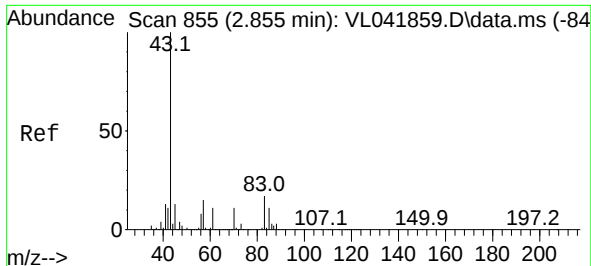
Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.9#

100 0.0 1.3 3.8#

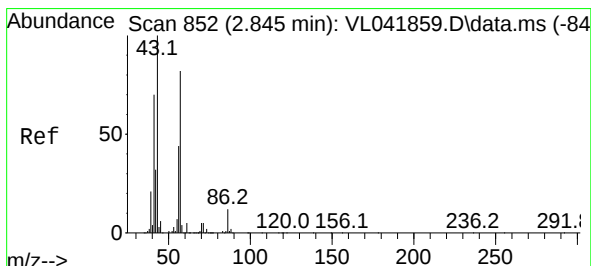
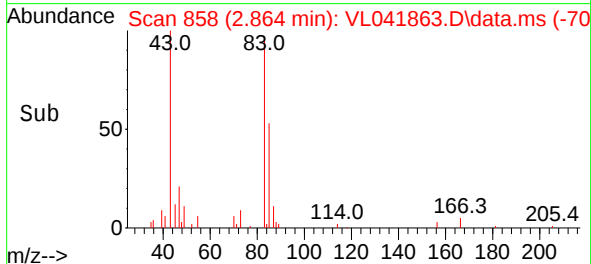
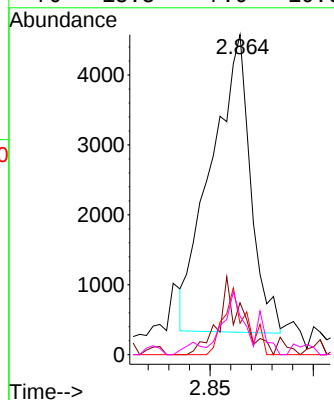
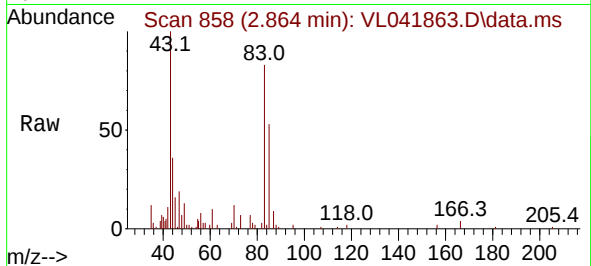




#25
Ethyl Acetate
Concen: 0.131 ppbv
RT: 2.864 min Scan# 858
Delta R.T. 0.009 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

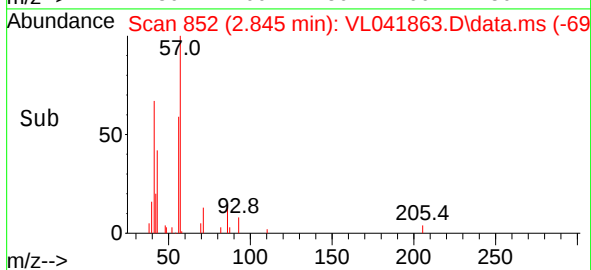
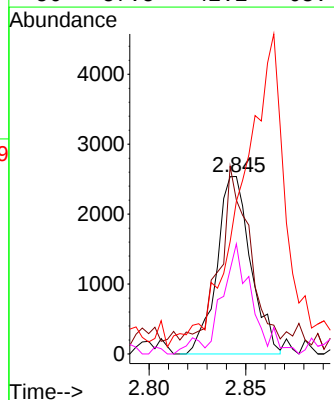
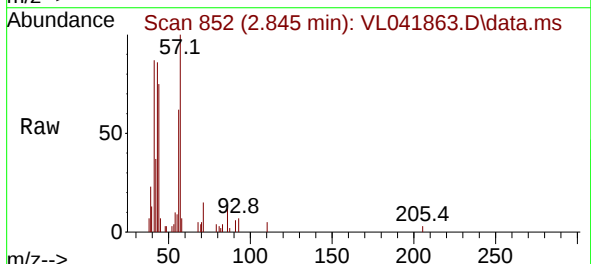
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

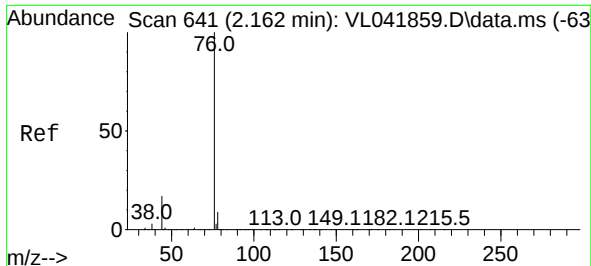
Tgt Ion:	43	Resp:	5651
Ion	Ratio	Lower	Upper
43	100		
45	15.5	8.4	12.6#
61	13.0	7.3	10.9#
70	18.8	7.0	10.6#



#26
Hexane
Concen: 0.205 ppbv
RT: 2.845 min Scan# 852
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:	57	Resp:	3081
Ion	Ratio	Lower	Upper
57	100		
41	115.1	71.5	107.3#
43	0.0	200.2	300.4#
56	57.5	42.2	63.4





#27

Carbon Disulfide

Concen: 0.158 ppbv

RT: 2.162 min Scan# 641

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

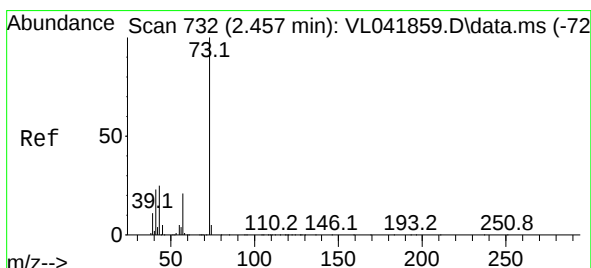
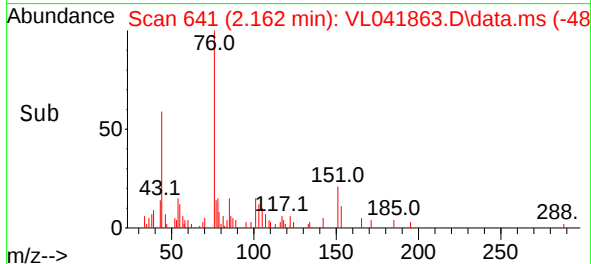
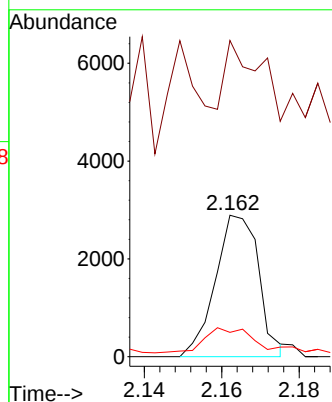
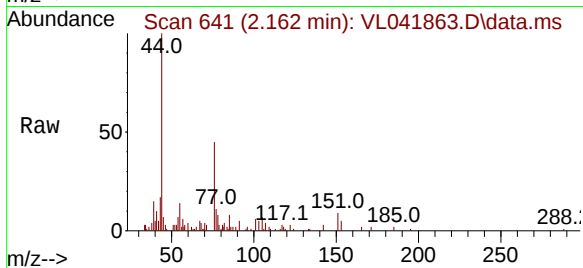
Tgt Ion: 76 Resp: 2245

Ion Ratio Lower Upper

76 100

44 780.2 13.1 19.7#

78 32.7 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.111 ppbv

RT: 2.460 min Scan# 733

Delta R.T. 0.003 min

Lab File: VL041863.D

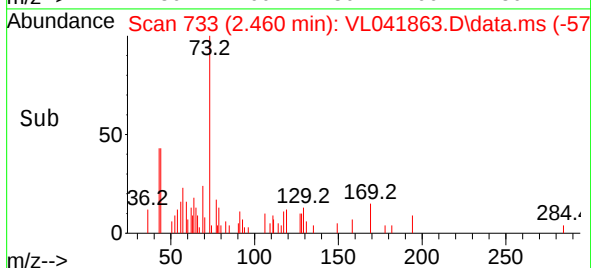
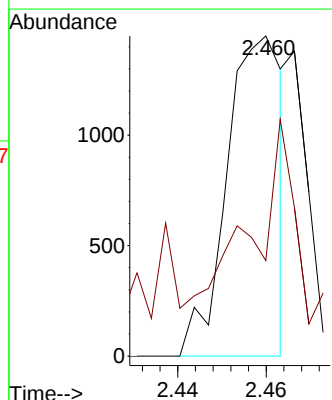
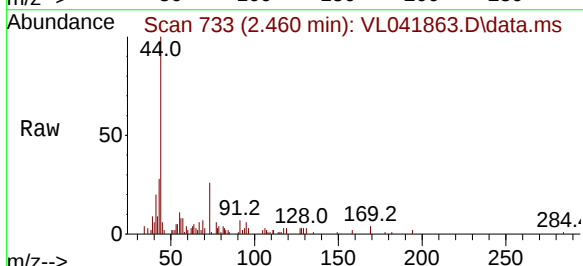
Acq: 09 Jan 2025 13:24

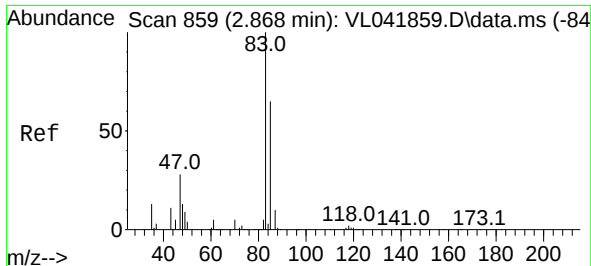
Tgt Ion: 73 Resp: 1252

Ion Ratio Lower Upper

73 100

57 0.0 17.5 26.3#





#29

Chloroform

Concen: 0.143 ppbv

RT: 2.864 min Scan# 85

Delta R.T. -0.004 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

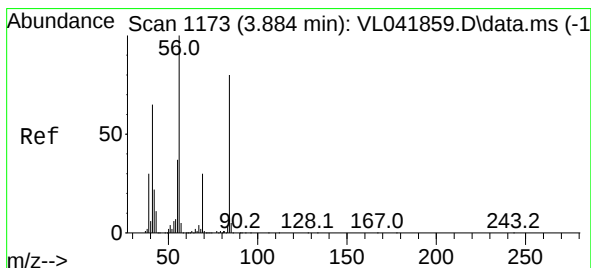
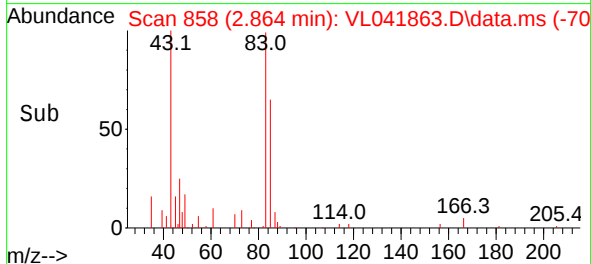
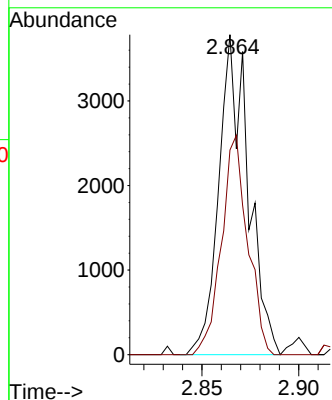
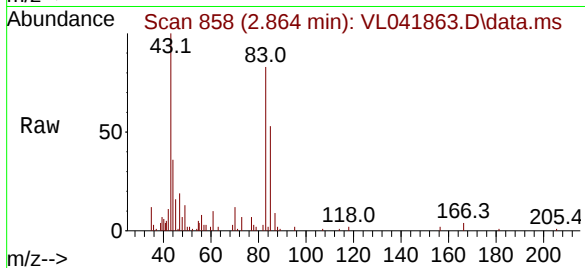
VSTDIC0.1

Tgt Ion: 83 Resp: 3997

Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5



#30

Cyclohexane

Concen: 0.065 ppbv

RT: 3.890 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

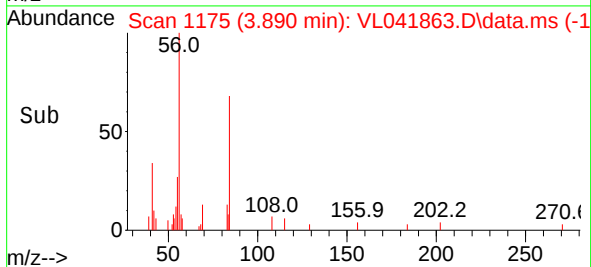
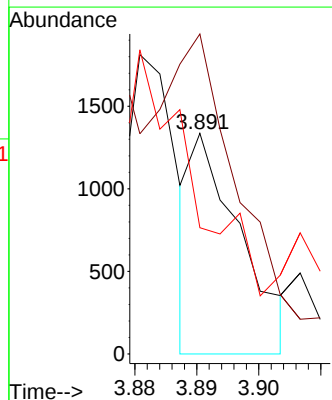
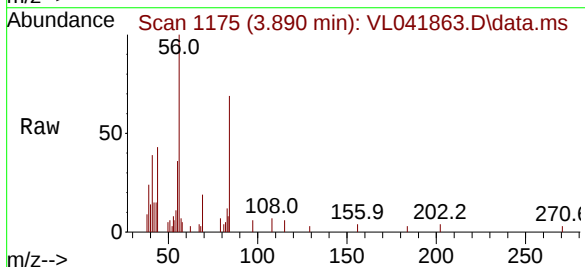
Tgt Ion: 84 Resp: 737

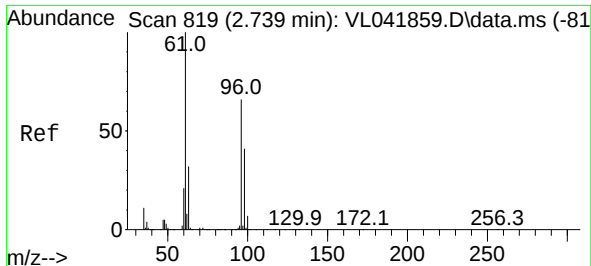
Ion Ratio Lower Upper

84 100

56 455.1 100.7 151.1#

41 0.0 62.8 94.2#

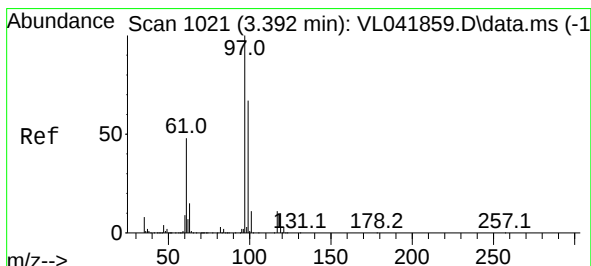
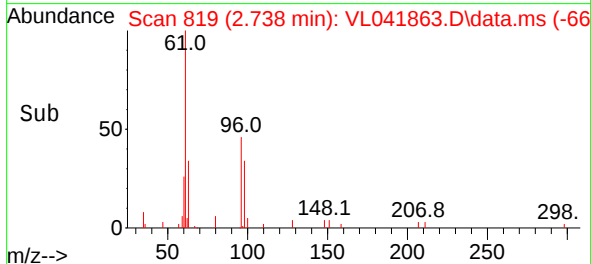
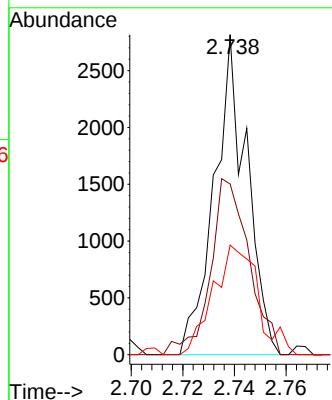
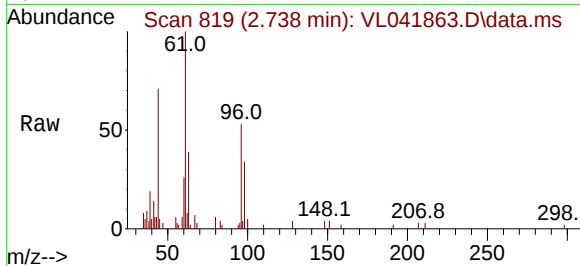




#31
 cis-1,2-Dichloroethene
 Concen: 0.160 ppbv
 RT: 2.738 min Scan# 819
 Delta R.T. -0.000 min
 Lab File: VL041863.D
 Acq: 09 Jan 2025 13:24

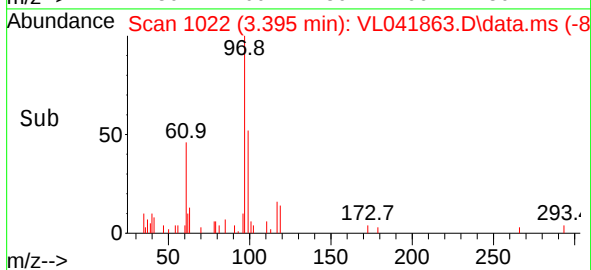
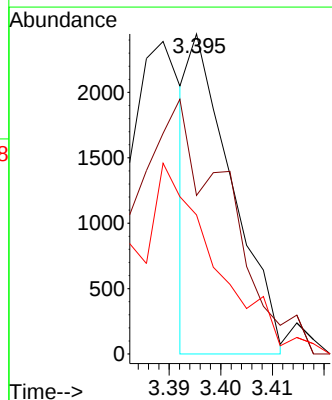
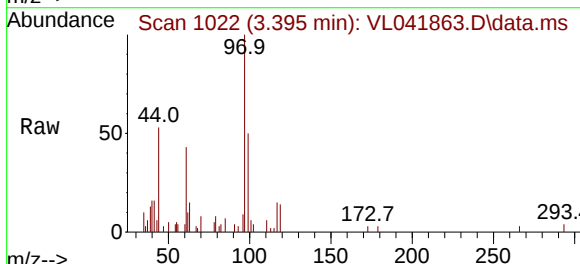
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

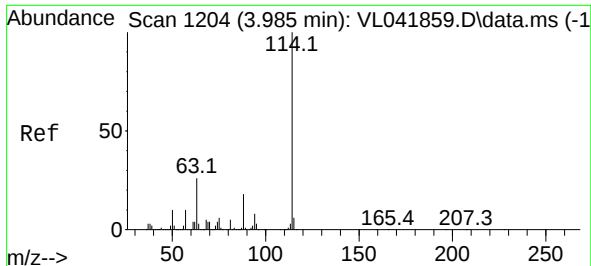
Tgt Ion:	61	Resp:	2470
Ion	Ratio	Lower	Upper
61	100		
96	53.4	53.2	79.8
98	34.3	32.5	48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.056 ppbv
 RT: 3.395 min Scan# 1022
 Delta R.T. 0.003 min
 Lab File: VL041863.D
 Acq: 09 Jan 2025 13:24

Tgt Ion:	97	Resp:	1405
Ion	Ratio	Lower	Upper
97	100		
99	179.2	52.0	78.0#
61	0.0	38.8	58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.984 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

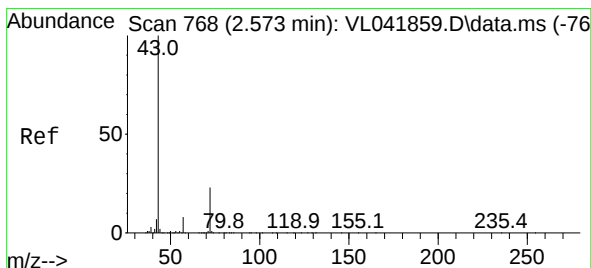
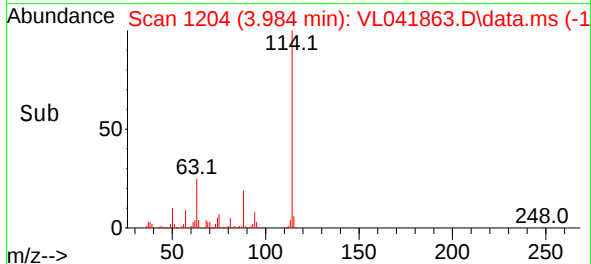
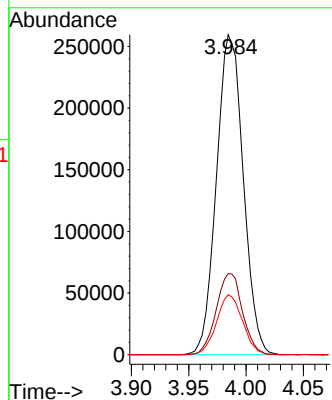
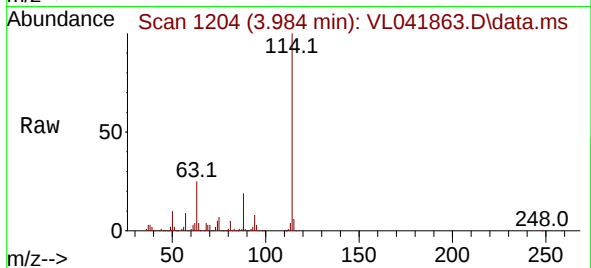
Tgt Ion:114 Resp: 422202

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 18.1 14.6 21.8



#34

2-Butanone

Concen: 0.132 ppbv

RT: 2.580 min Scan# 770

Delta R.T. 0.006 min

Lab File: VL041863.D

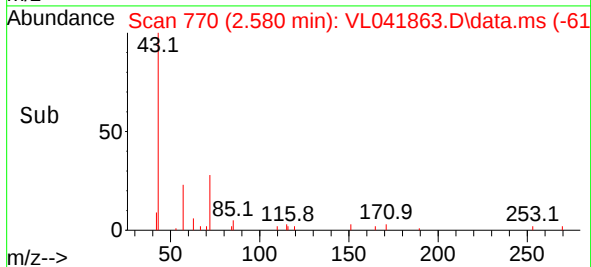
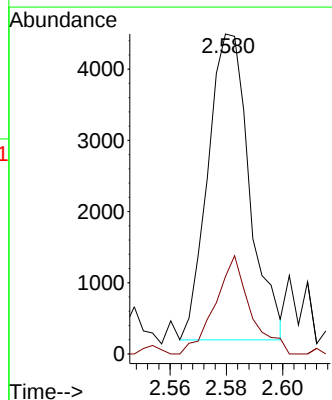
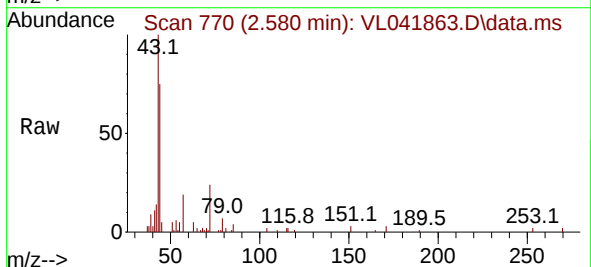
Acq: 09 Jan 2025 13:24

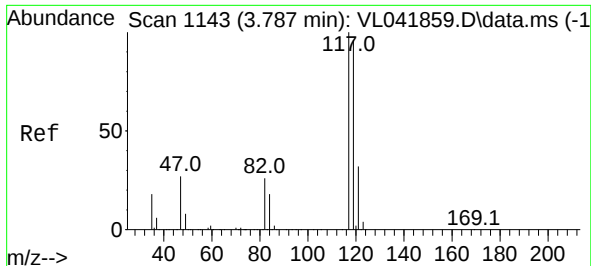
Tgt Ion: 43 Resp: 4402

Ion Ratio Lower Upper

43 100

72 28.7 18.5 27.7#

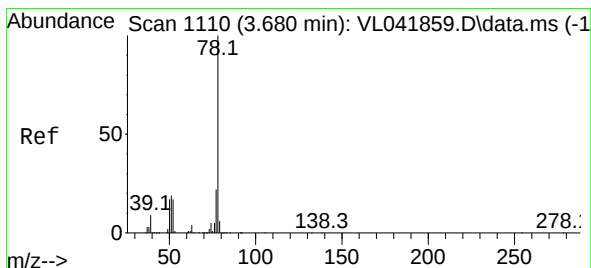
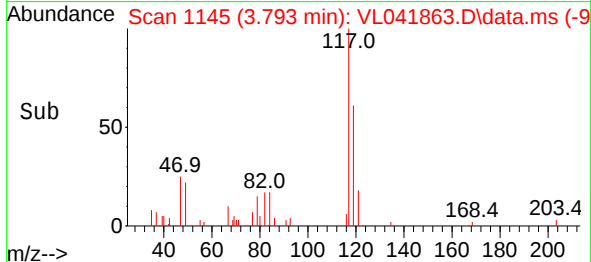
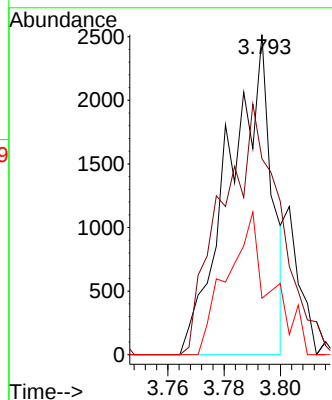
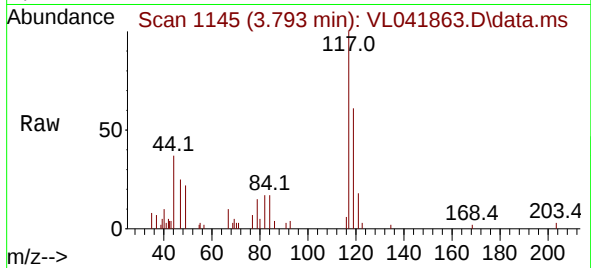




#35
Carbon Tetrachloride
Concen: 0.084 ppbv
RT: 3.793 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

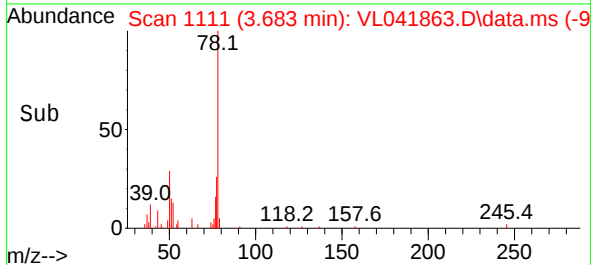
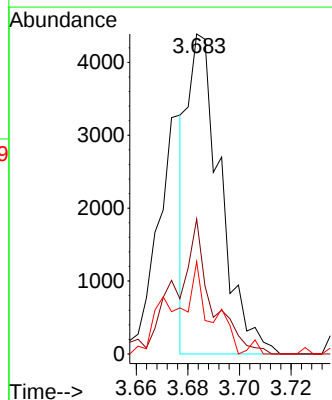
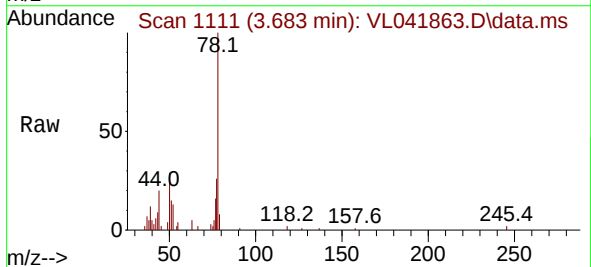
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

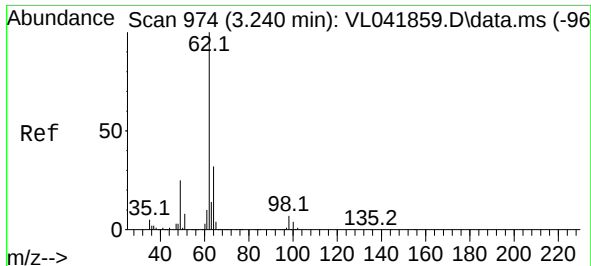
Tgt Ion:117 Resp: 2669
Ion Ratio Lower Upper
117 100
119 61.2 76.9 115.3#
121 17.6 25.9 38.9#



#36
Benzene
Concen: 0.096 ppbv
RT: 3.683 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 78 Resp: 3888
Ion Ratio Lower Upper
78 100
77 42.2 17.9 26.9#
50 28.8 13.7 20.5#

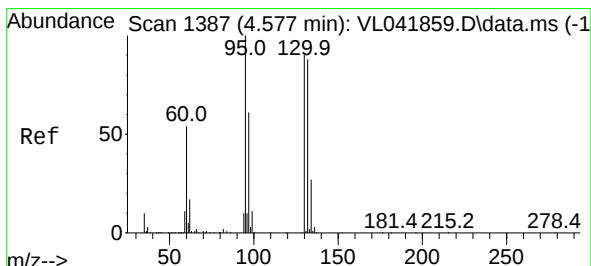
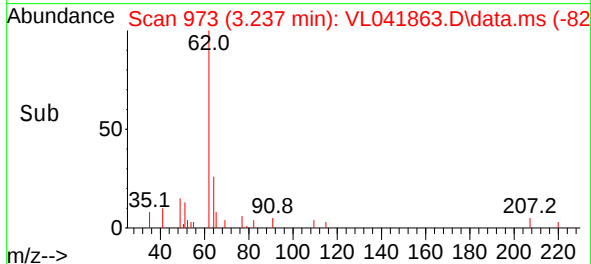
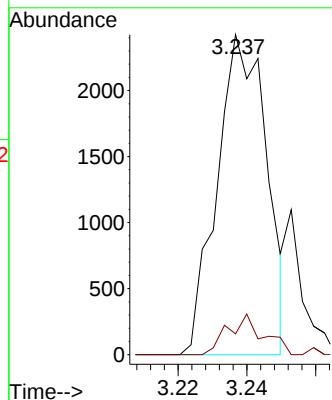
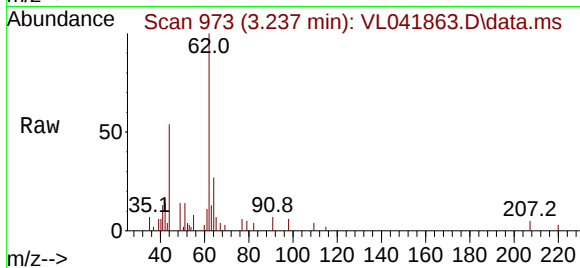




#37
1,2-Dichloroethane
Concen: 0.091 ppbv
RT: 3.237 min Scan# 91
Delta R.T. -0.004 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

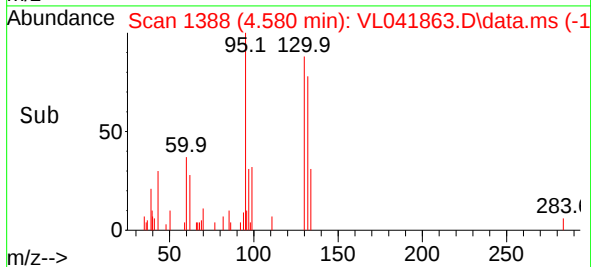
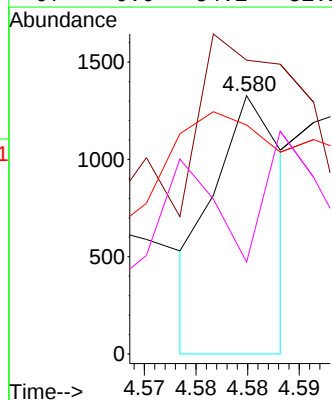
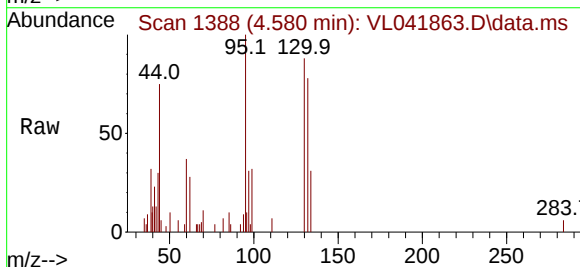
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

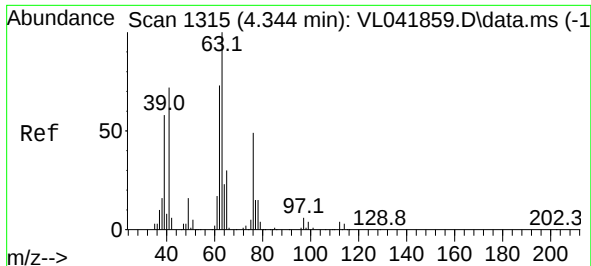
Tgt Ion: 62 Resp: 2424
Ion Ratio Lower Upper
62 100
98 9.5 5.6 8.4#



#38
Trichloroethene
Concen: 0.040 ppbv
RT: 4.580 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:130 Resp: 620
Ion Ratio Lower Upper
130 100
95 120.3 88.5 132.7
132 17.5 78.2 117.2#
97 0.0 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 0.080 ppbv

RT: 4.344 min Scan# 1409

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

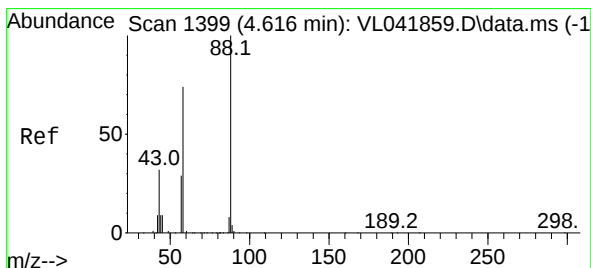
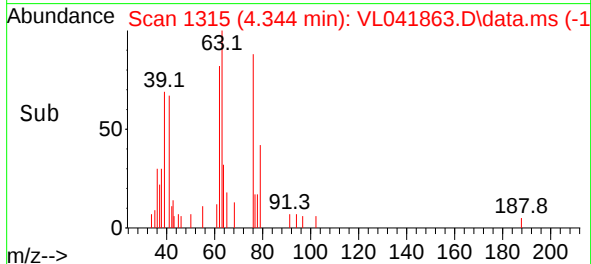
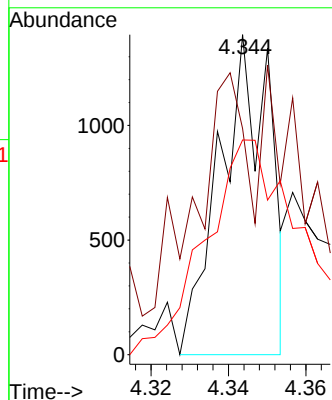
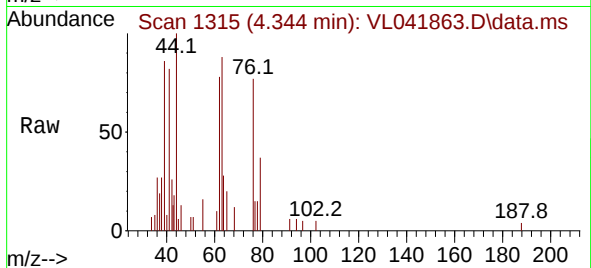
Tgt Ion: 63 Resp: 1255

Ion Ratio Lower Upper

63 100

41 40.8 58.0 87.0#

62 52.4 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.074 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.032 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Tgt Ion: 88 Resp: 444

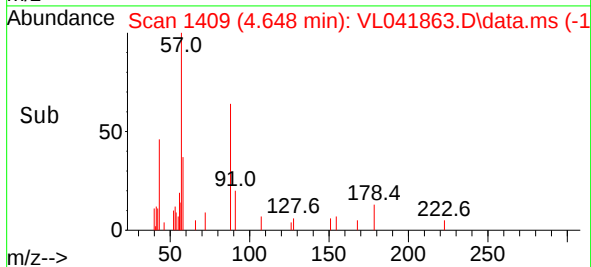
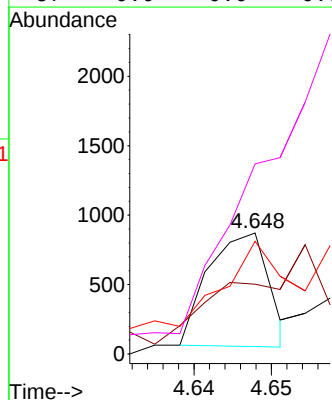
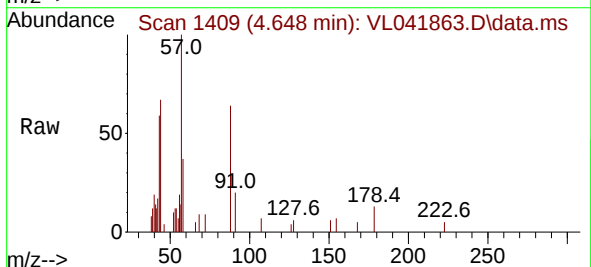
Ion Ratio Lower Upper

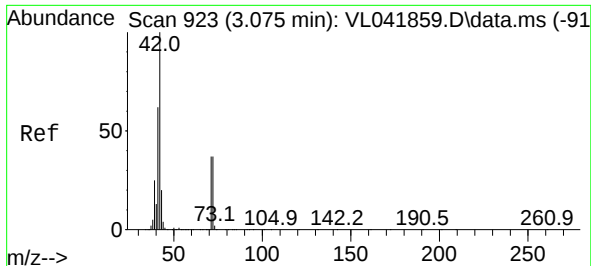
88 100

58 310.6 52.2 78.4#

43 371.4 0.0 0.0#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.010 ppbv

RT: 3.072 min Scan# 91

Delta R.T. -0.004 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

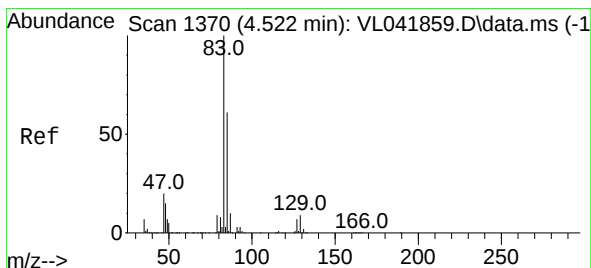
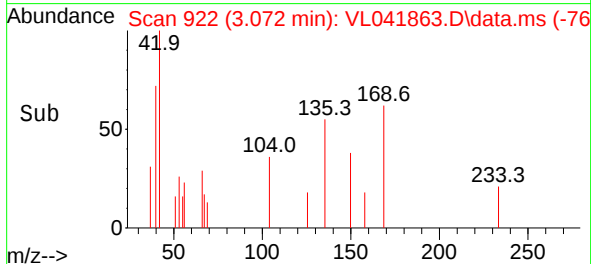
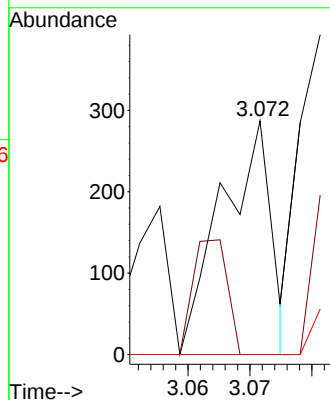
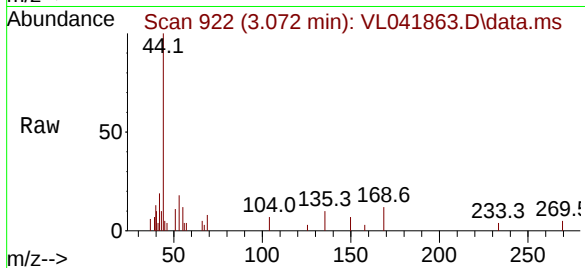
Tgt Ion: 42 Resp: 160

Ion Ratio Lower Upper

42 100

72 0.0 30.8 46.2#

71 0.0 30.1 45.1#



#42

Bromodichloromethane

Concen: 0.126 ppbv

RT: 4.522 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

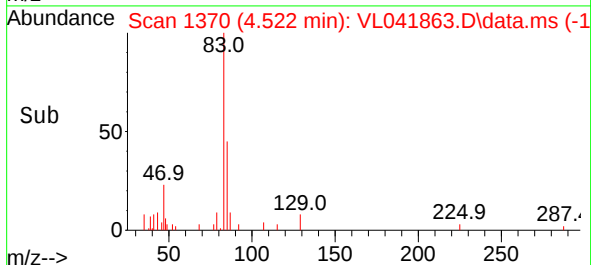
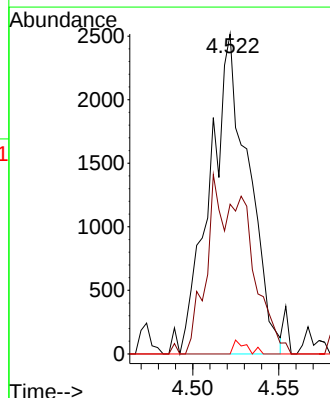
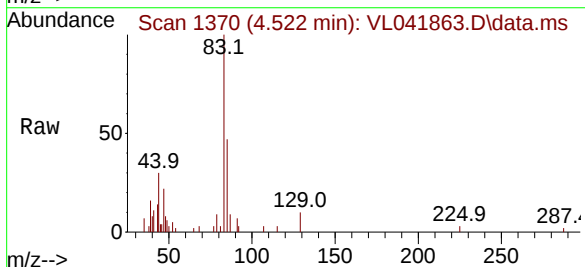
Tgt Ion: 83 Resp: 3932

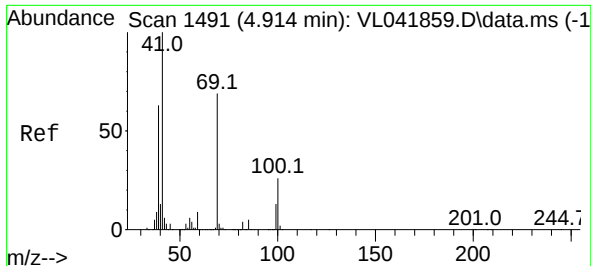
Ion Ratio Lower Upper

83 100

85 46.8 48.9 73.3#

127 0.0 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.087 ppbv

RT: 4.917 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

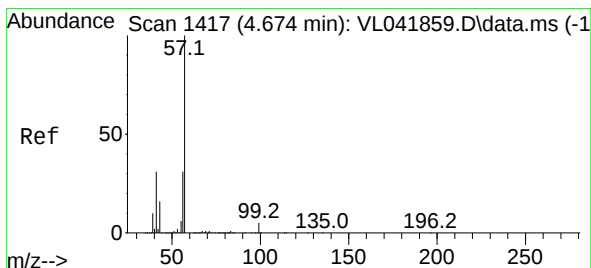
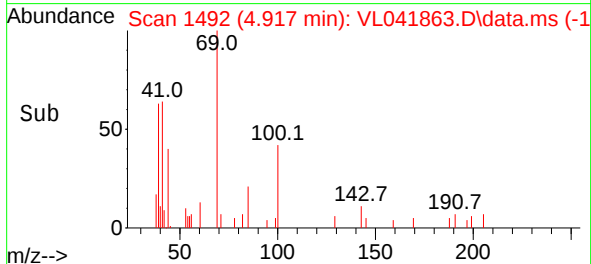
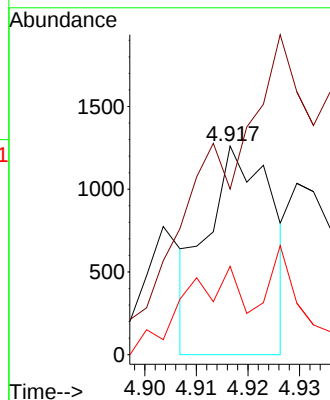
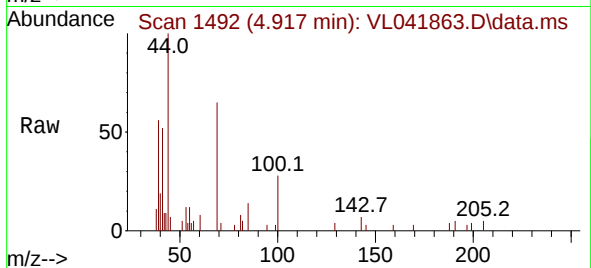
Tgt Ion: 69 Resp: 1096

Ion Ratio Lower Upper

69 100

41 0.0 116.2 174.4#

100 0.0 29.8 44.8#



#44

2,2,4-Trimethylpentane

Concen: 0.067 ppbv

RT: 4.667 min Scan# 1415

Delta R.T. -0.007 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

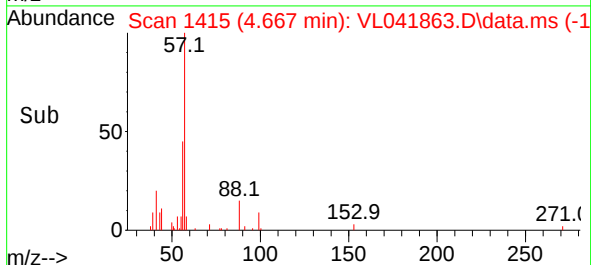
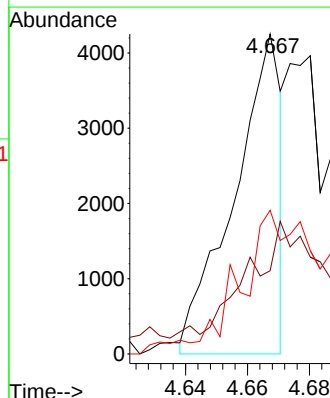
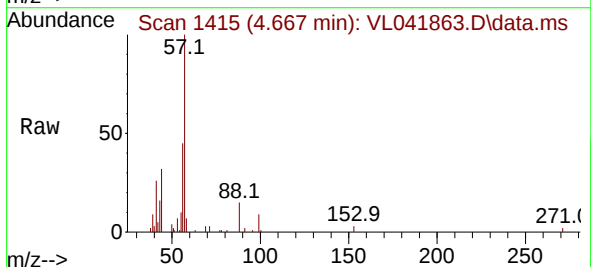
Tgt Ion: 57 Resp: 4463

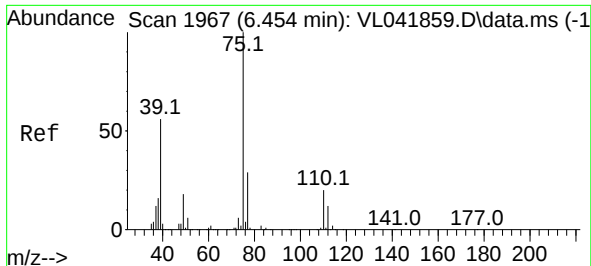
Ion Ratio Lower Upper

57 100

41 80.3 25.5 38.3#

56 87.9 25.6 38.4#





#45

t-1,3-Dichloropropene

Concen: 0.067 ppbv

RT: 6.460 min Scan# 1967

Delta R.T. 0.006 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

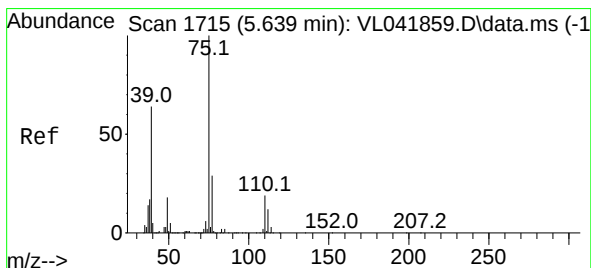
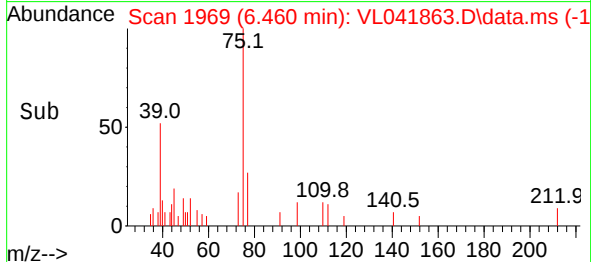
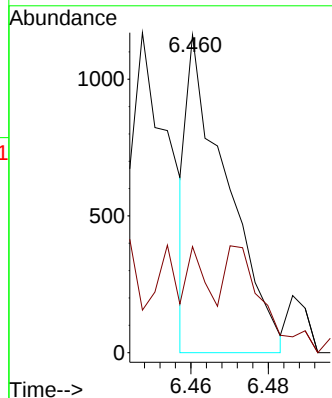
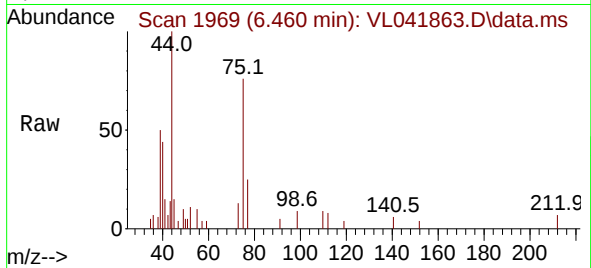
VSTDIC0.1

Tgt Ion: 75 Resp: 824

Ion Ratio Lower Upper

75 100

77 33.4 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 0.020 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. -0.004 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

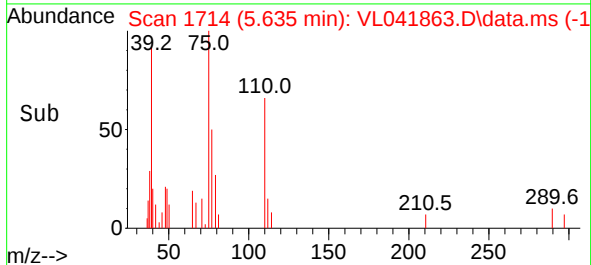
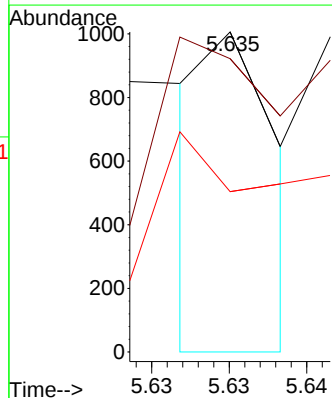
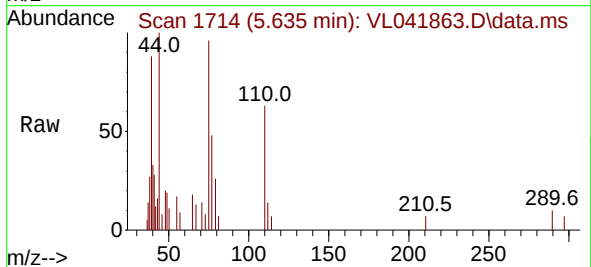
Tgt Ion: 75 Resp: 320

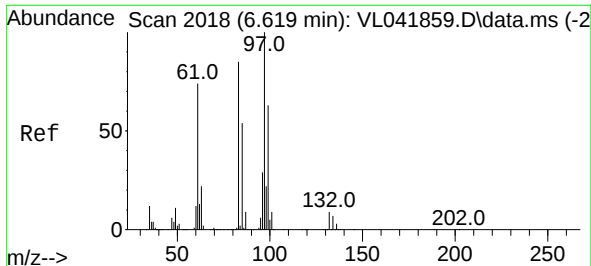
Ion Ratio Lower Upper

75 100

39 50.0 51.4 77.2#

77 0.0 23.0 34.4#

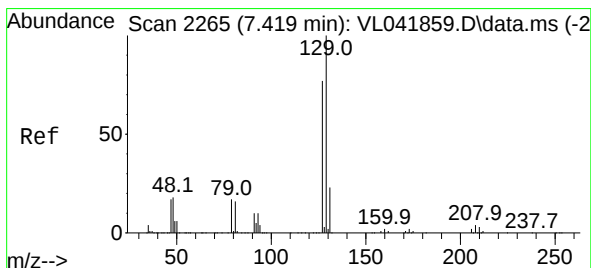
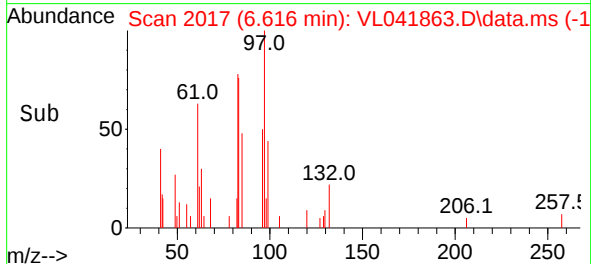
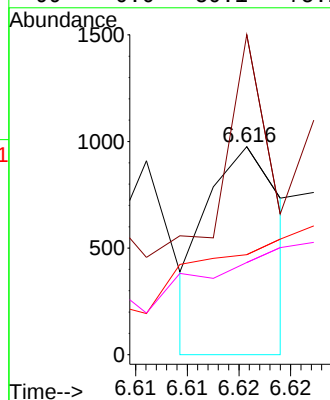
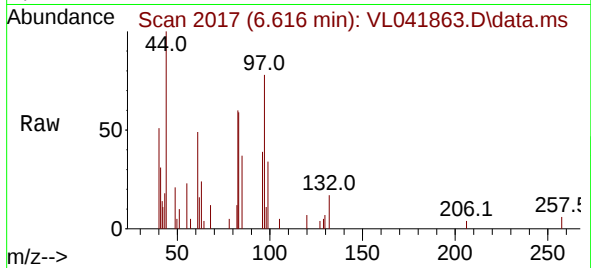




#47
1,1,2-Trichloroethane
Concen: 0.029 ppbv
RT: 6.616 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

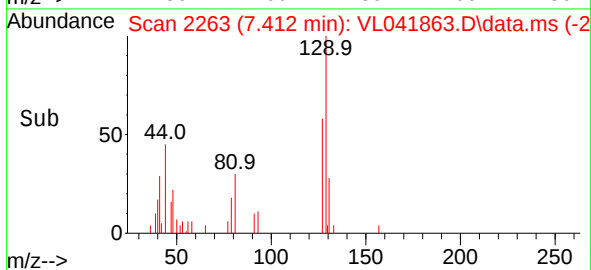
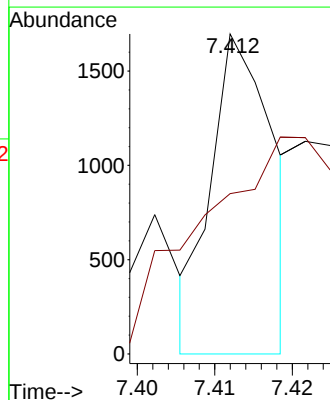
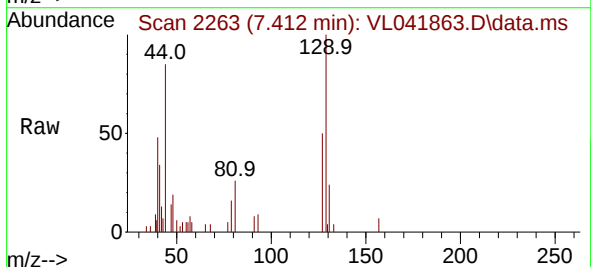
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

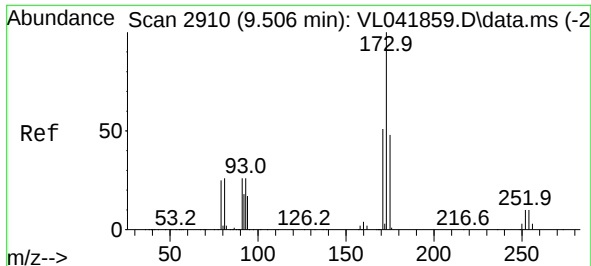
Tgt Ion: 97	Resp: 484
Ion Ratio	Lower Upper
97 100	
83 160.4	68.1 102.1#
85 7.8	43.4 65.2#
99 0.0	50.1 75.1#



#48
Dibromochloromethane
Concen: 0.045 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. -0.007 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:129	Resp:	942	
Ion	Ratio	Lower	Upper
129	100		
127	213.2	39.4	118.1#





#49

Bromoform

Concen: 0.080 ppbv

RT: 9.506 min Scan# 2910

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

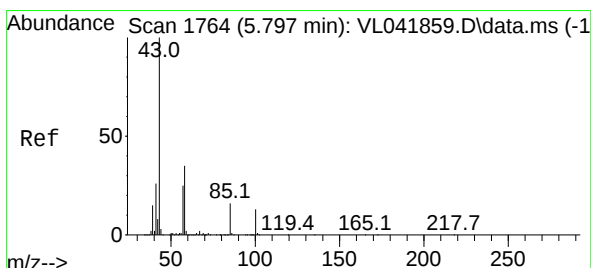
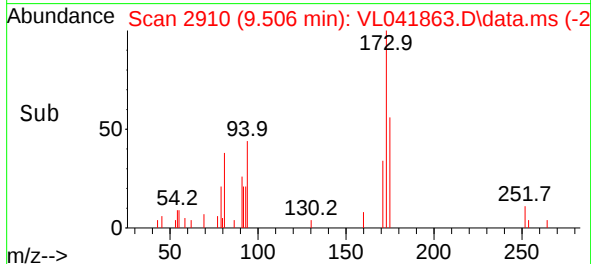
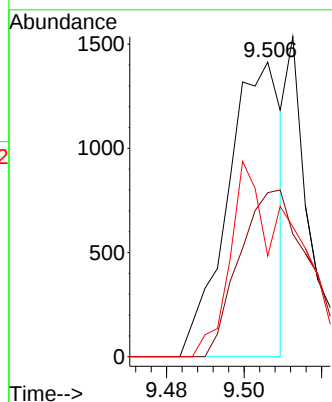
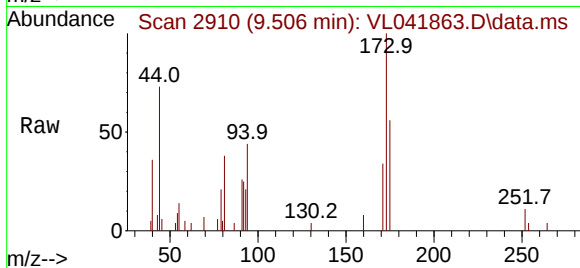
Tgt Ion:173 Resp: 1354

Ion Ratio Lower Upper

173 100

175 71.0 38.2 57.2#

171 79.8 41.3 61.9#



#50

4-Methyl-2-Pentanone

Concen: 0.003 ppbv

RT: 5.781 min Scan# 1759

Delta R.T. -0.016 min

Lab File: VL041863.D

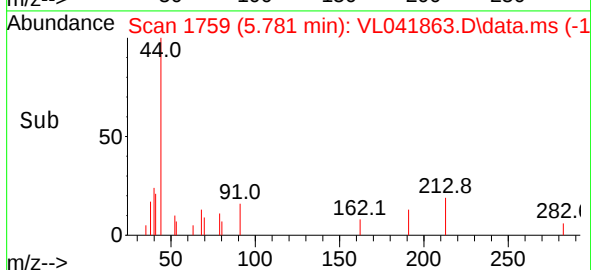
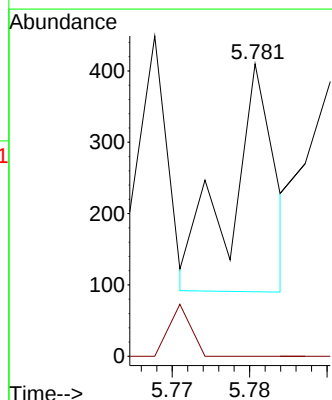
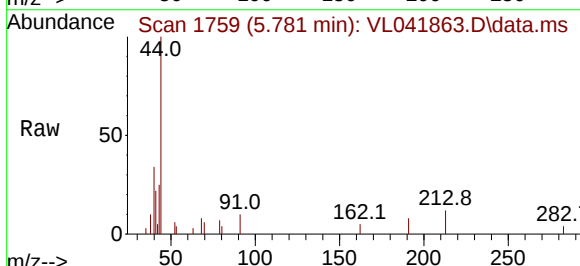
Acq: 09 Jan 2025 13:24

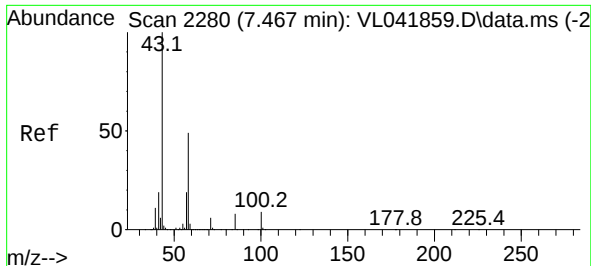
Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#

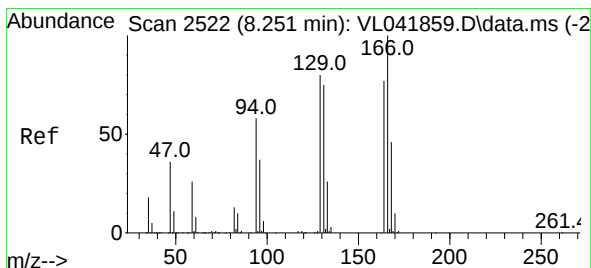
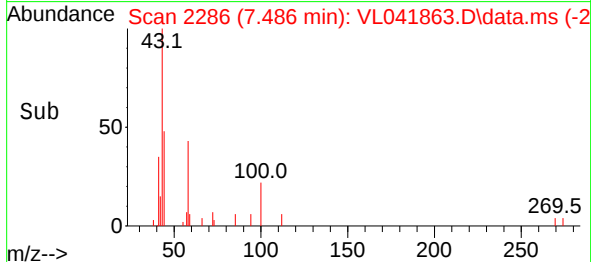
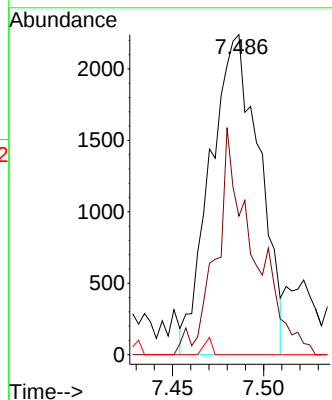
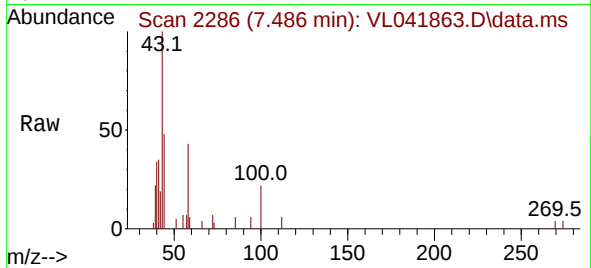




#51
2-Hexanone
Concen: 0.144 ppbv
RT: 7.486 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

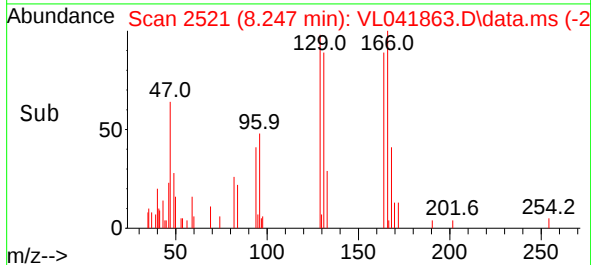
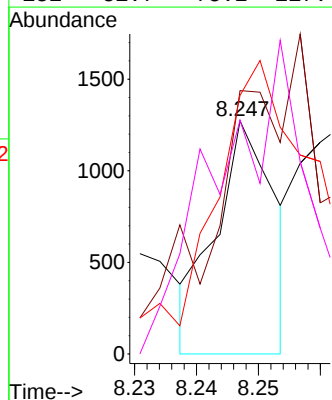
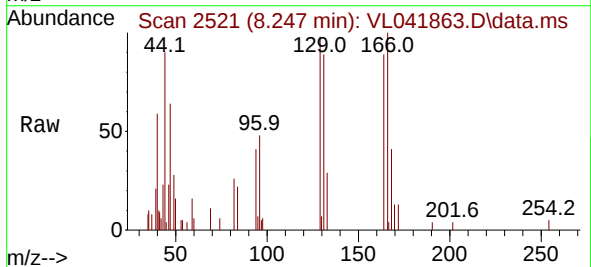
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

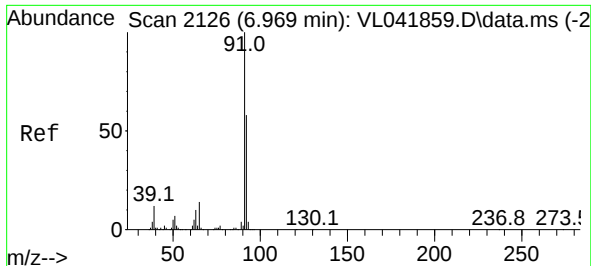
Tgt Ion: 43 Resp: 4204
Ion Ratio Lower Upper
43 100
58 53.8 40.0 60.0
98 0.9 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.070 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 164 Resp: 837
Ion Ratio Lower Upper
164 100
166 89.3 103.6 155.4#
129 141.0 82.6 123.8#
131 81.7 78.2 117.4





#53

Toluene

Concen: 0.180 ppbv

RT: 6.972 min Scan# 2126

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_L

ClientSampleId :

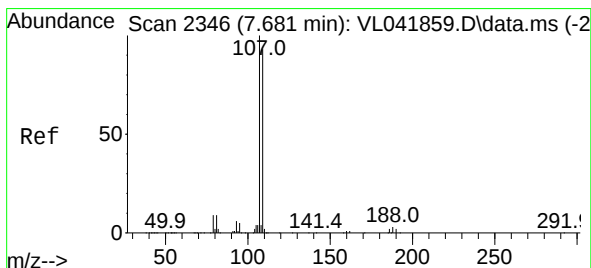
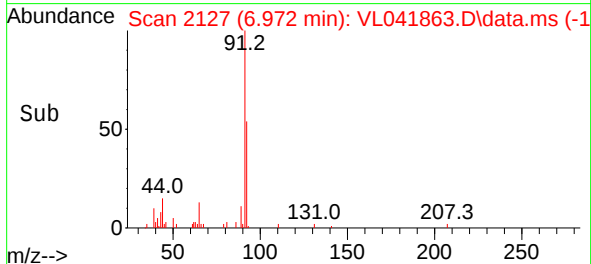
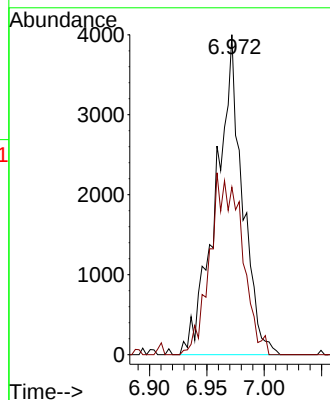
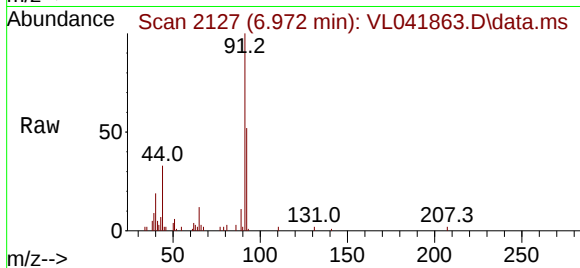
VSTDIC0.1

Tgt Ion: 91 Resp: 6449

Ion Ratio Lower Upper

91 100

92 68.1 47.2 70.8



#54

1,2-Dibromoethane

Concen: 0.036 ppbv

RT: 7.674 min Scan# 2344

Delta R.T. -0.007 min

Lab File: VL041863.D

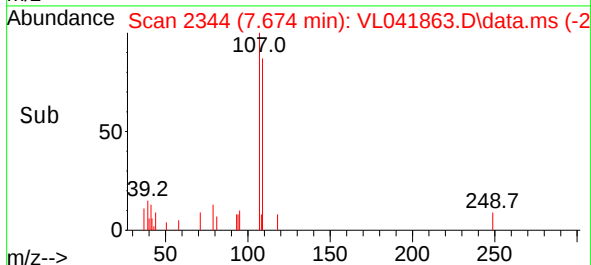
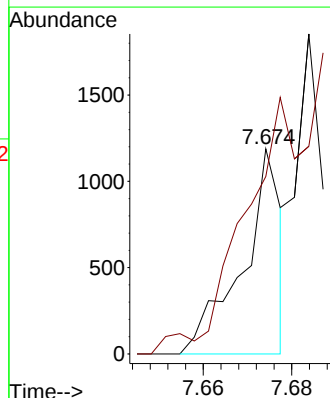
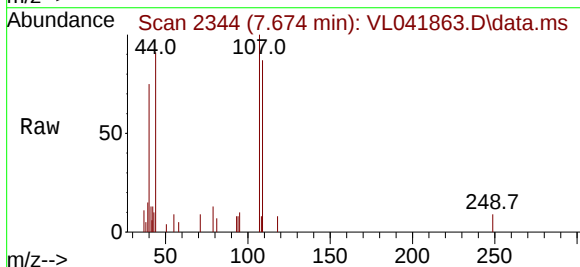
Acq: 09 Jan 2025 13:24

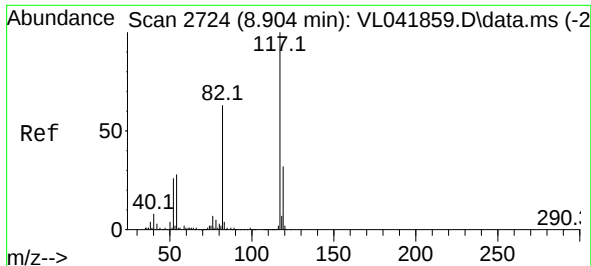
Tgt Ion: 107 Resp: 718

Ion Ratio Lower Upper

107 100

109 76.7 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.907 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

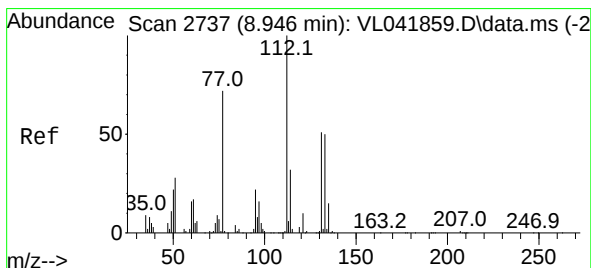
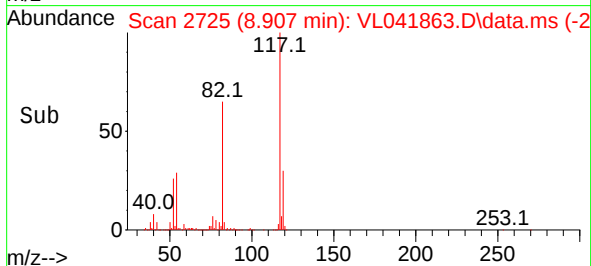
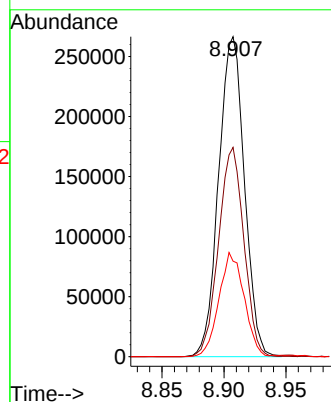
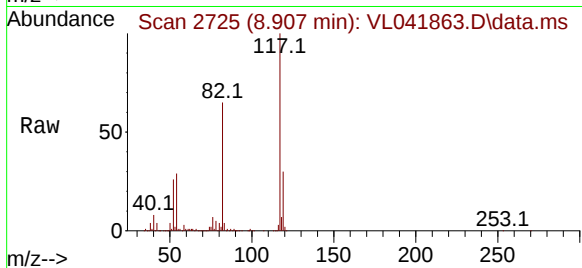
Tgt Ion:117 Resp: 386905

Ion Ratio Lower Upper

117 100

82 64.3 54.5 81.7

119 32.3 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.095 ppbv

RT: 8.953 min Scan# 2739

Delta R.T. 0.006 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

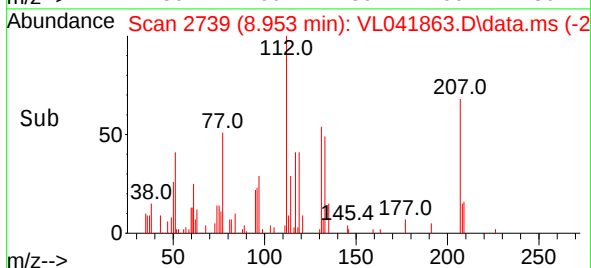
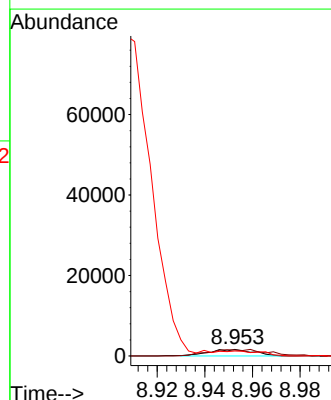
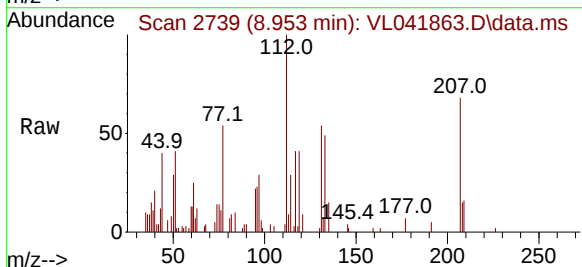
Tgt Ion:131 Resp: 2090

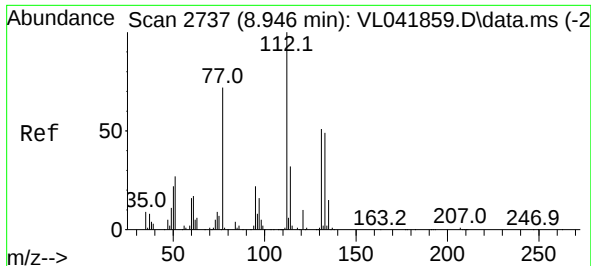
Ion Ratio Lower Upper

131 100

133 133.0 77.4 116.2#

119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.111 ppbv

RT: 8.949 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

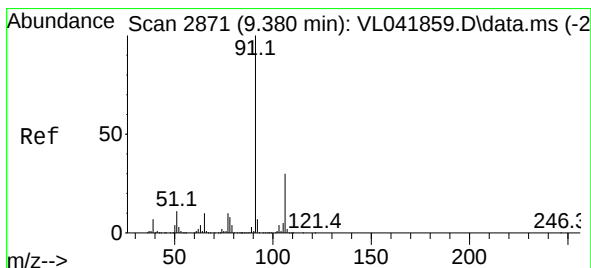
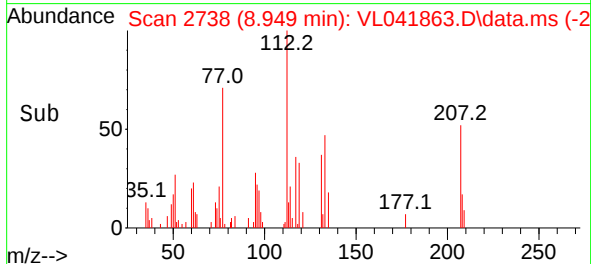
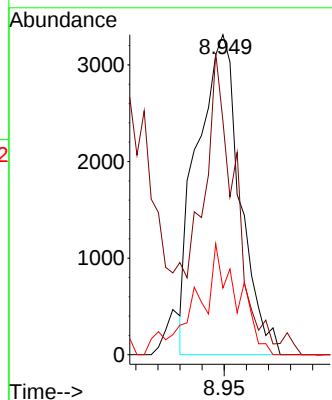
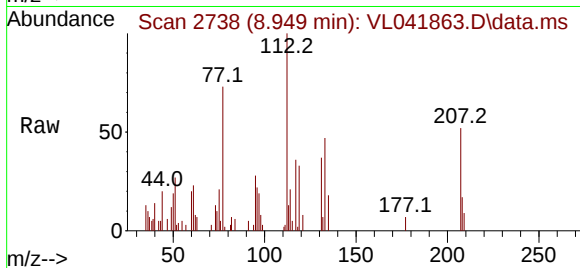
Tgt Ion:112 Resp: 4483

Ion Ratio Lower Upper

112 100

77 69.5 58.3 87.5

114 20.8 28.9 35.3#



#58

Ethyl Benzene

Concen: 0.166 ppbv

RT: 9.377 min Scan# 2870

Delta R.T. -0.004 min

Lab File: VL041863.D

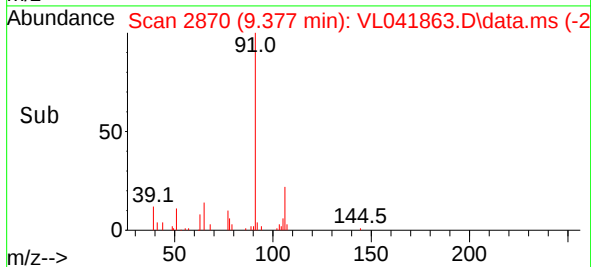
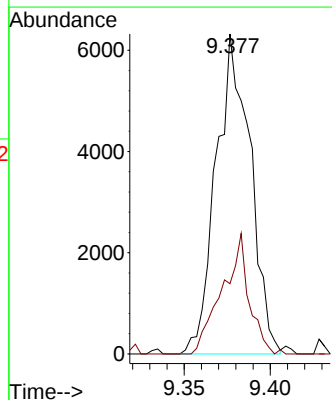
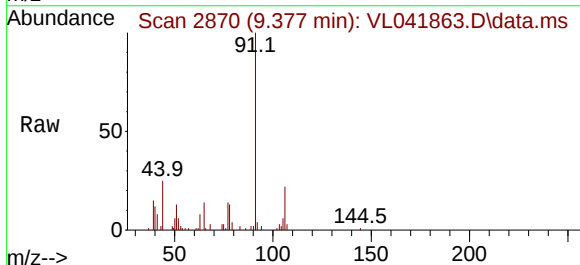
Acq: 09 Jan 2025 13:24

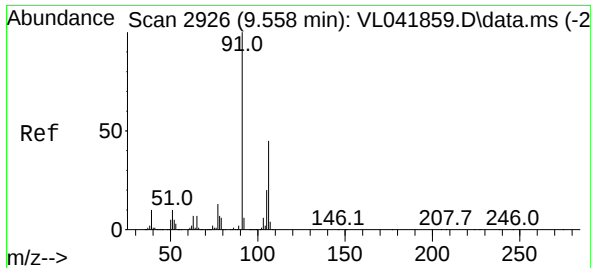
Tgt Ion: 91 Resp: 8736

Ion Ratio Lower Upper

91 100

106 22.0 24.2 36.2#





#59

m/p-Xylene

Concen: 0.055 ppbv

RT: 9.564 min Scan# 2926

Delta R.T. 0.006 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

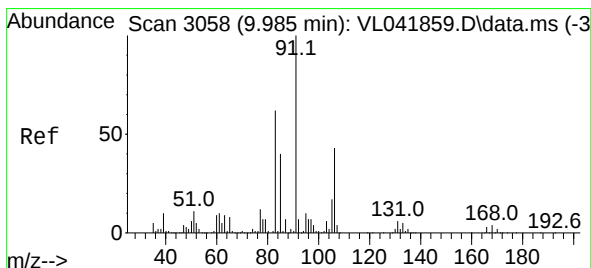
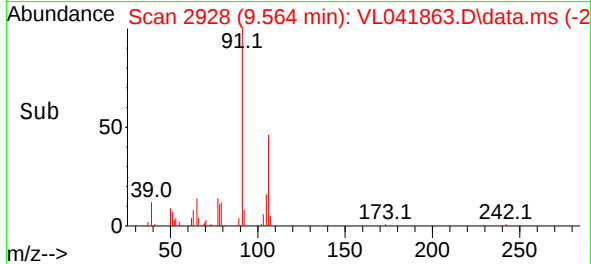
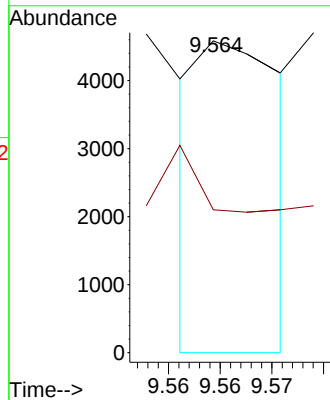
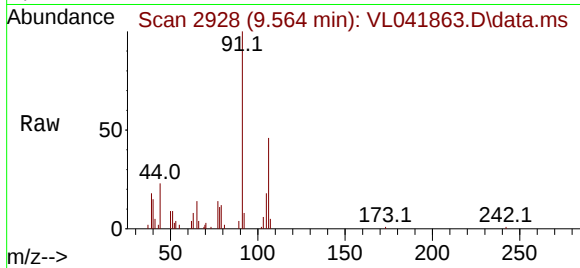
VSTDICC0.1

Tgt Ion: 91 Resp: 2538

Ion Ratio Lower Upper

91 100

106 259.5 0.0 0.0#



#60

o-Xylene

Concen: 0.154 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041863.D

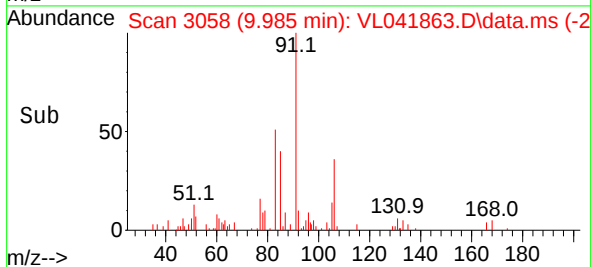
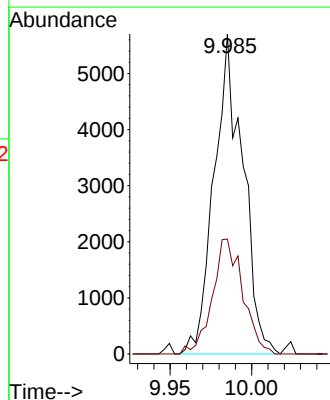
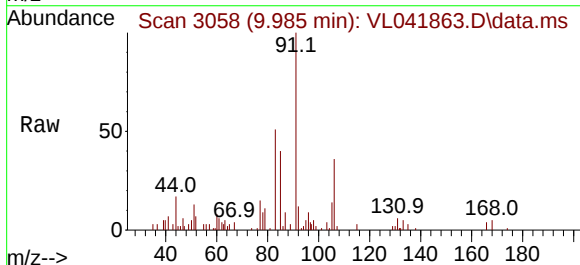
Acq: 09 Jan 2025 13:24

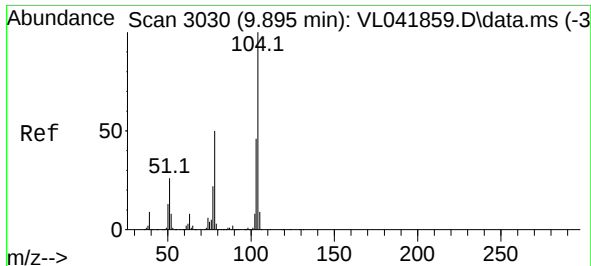
Tgt Ion: 91 Resp: 6988

Ion Ratio Lower Upper

91 100

106 38.0 21.4 64.3

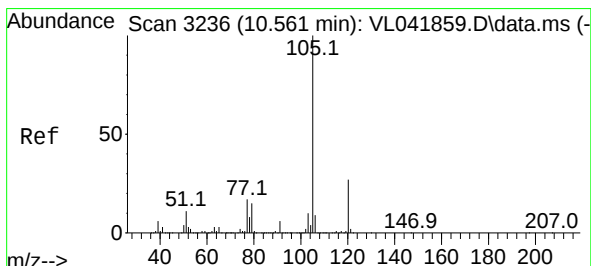
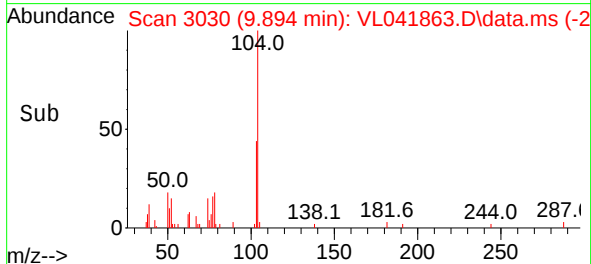
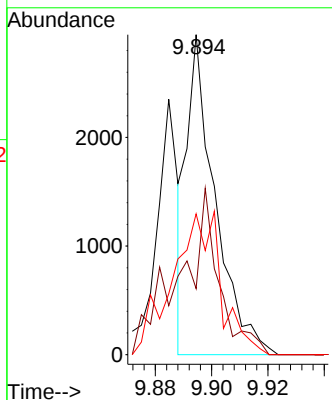
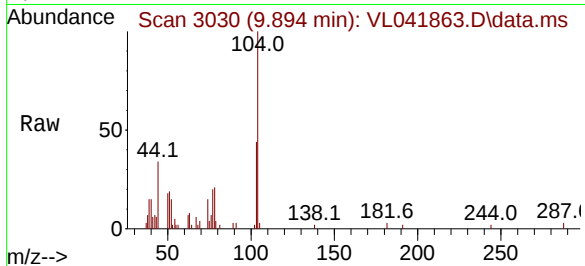




#61
Styrene
Concen: 0.117 ppbv
RT: 9.894 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

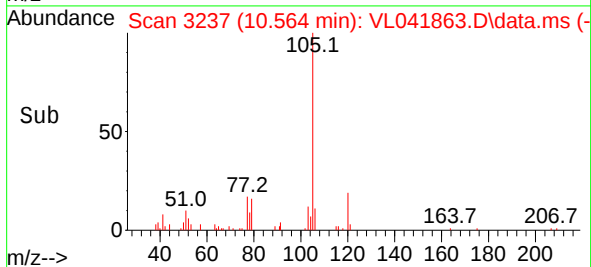
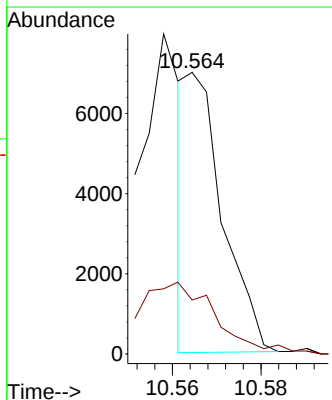
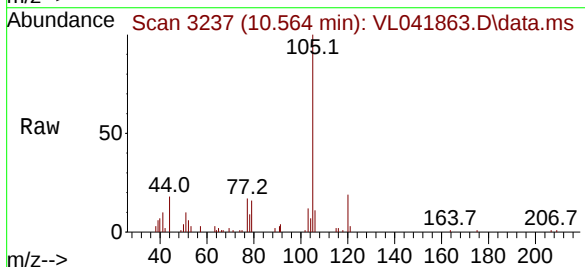
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

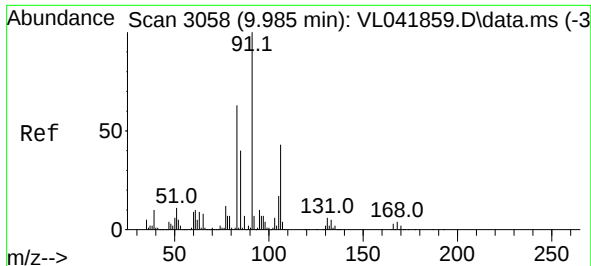
Tgt Ion:104 Resp: 2048
Ion Ratio Lower Upper
104 100
78 74.1 40.7 61.1#
103 77.2 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.056 ppbv
RT: 10.564 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:105 Resp: 3997
Ion Ratio Lower Upper
105 100
120 57.1 20.3 30.5#

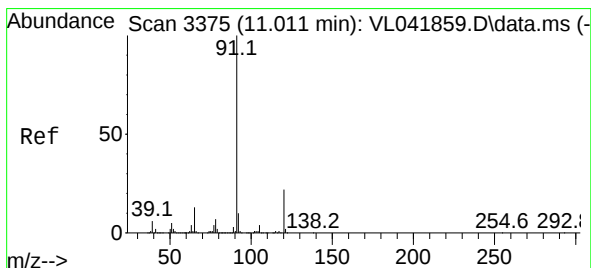
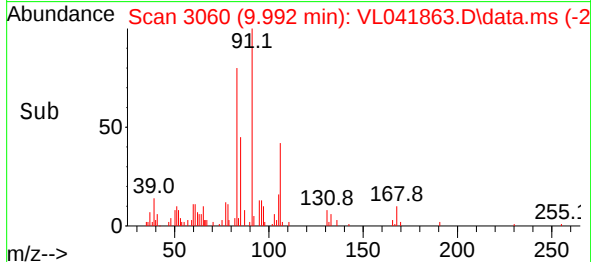
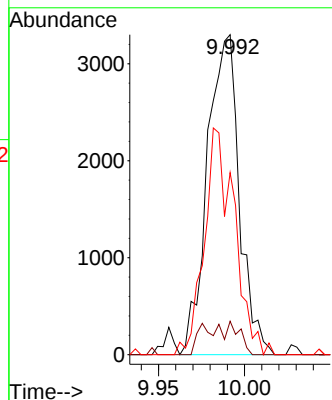
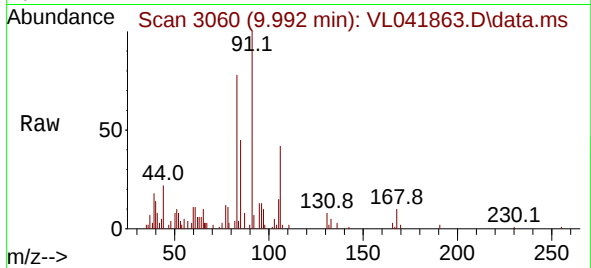




#63
1,1,2,2-Tetrachloroethane
Concen: 0.107 ppbv
RT: 9.992 min Scan# 3060
Delta R.T. 0.006 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

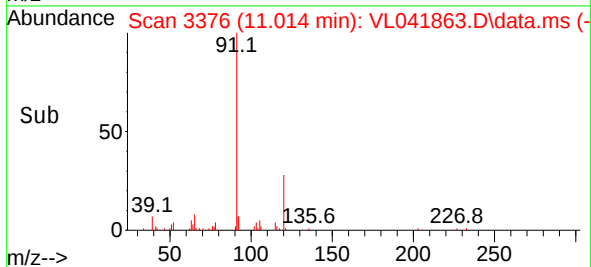
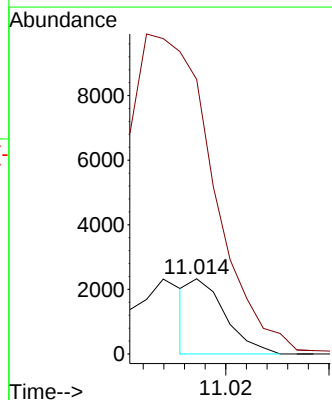
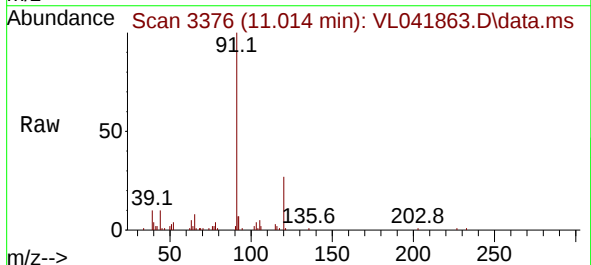
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

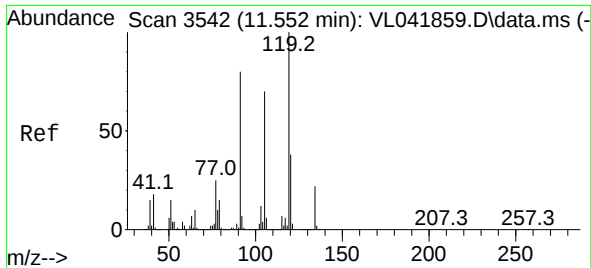
Tgt Ion: 83 Resp: 4264
Ion Ratio Lower Upper
83 100
131 11.0 4.8 14.3
85 66.7 32.1 96.3



#64
n-propylbenzene
Concen: 0.061 ppbv
RT: 11.014 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 120 Resp: 1121
Ion Ratio Lower Upper
120 100
91 0.0 376.9 565.3#

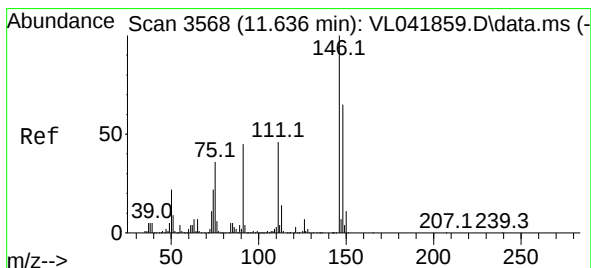
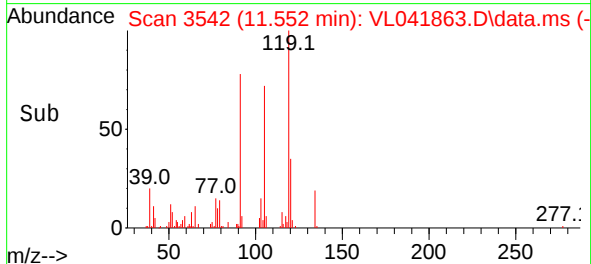
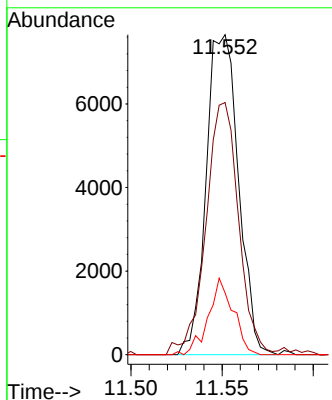
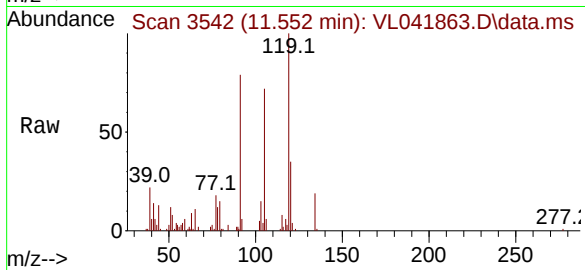




#65
tert-Butylbenzene
Concen: 0.148 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

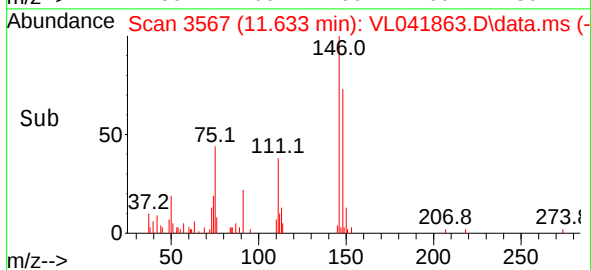
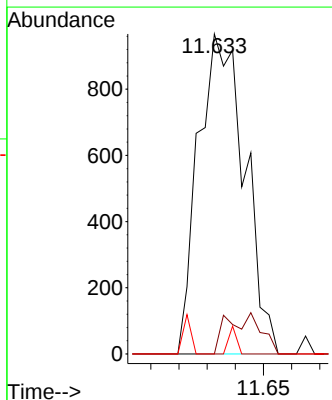
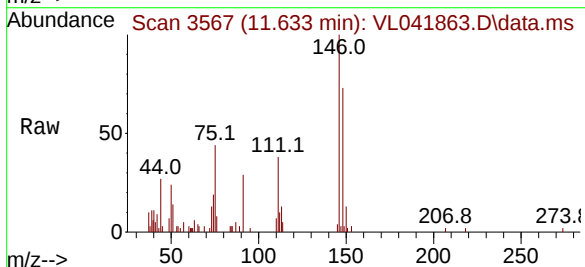
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

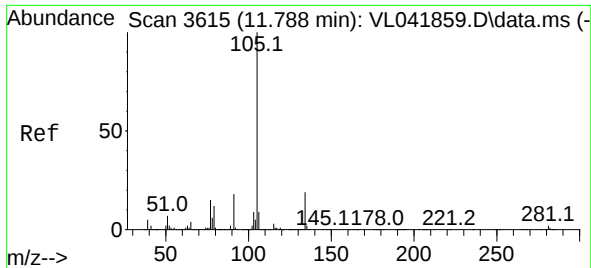
Tgt Ion:119 Resp: 9464
Ion Ratio Lower Upper
119 100
91 80.5 64.6 97.0
134 18.4 16.9 25.3



#66
Benzyl Chloride
Concen: 0.205 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. -0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 91 Resp: 1103
Ion Ratio Lower Upper
91 100
126 9.3 13.9 20.9#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.082 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. -0.233 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

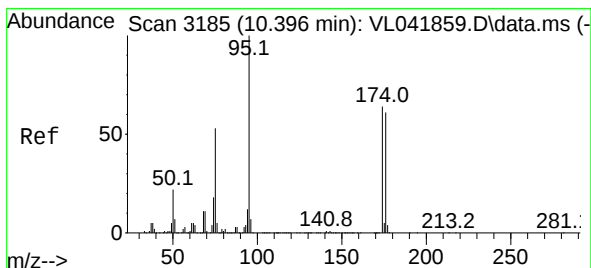
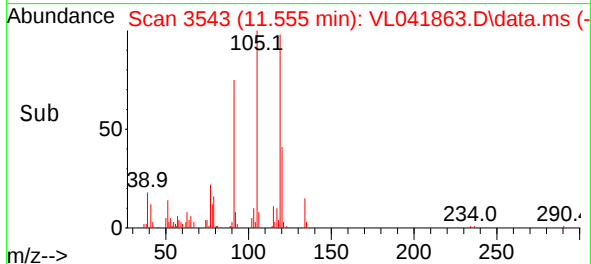
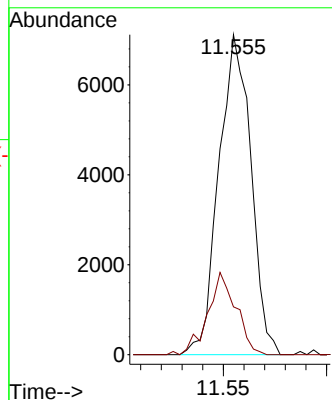
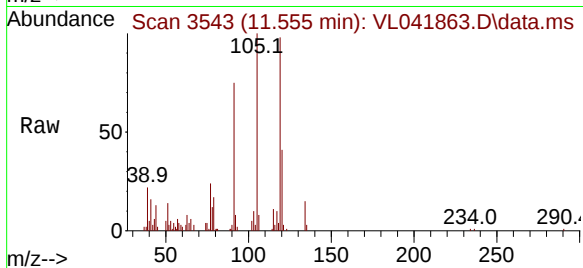
VSTDIC0.1

Tgt Ion:105 Resp: 7683

Ion Ratio Lower Upper

105 100

134 22.7 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.304 ppbv

RT: 10.399 min Scan# 3186

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

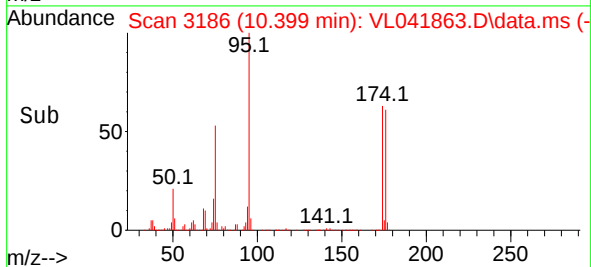
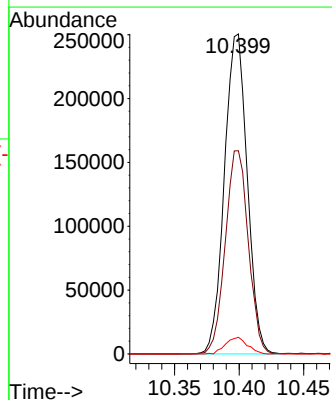
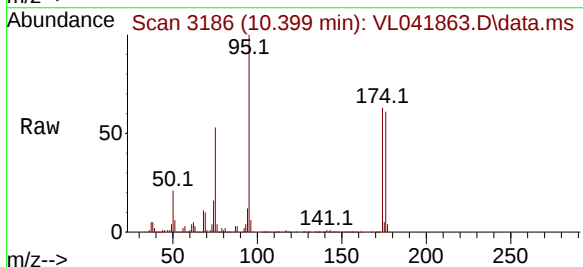
Tgt Ion: 95 Resp: 308324

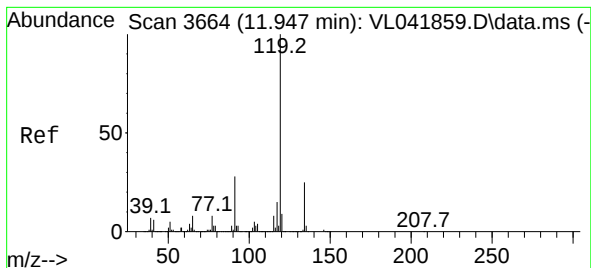
Ion Ratio Lower Upper

95 100

174 64.1 51.1 76.7

175 5.0 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.135 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. -0.004 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

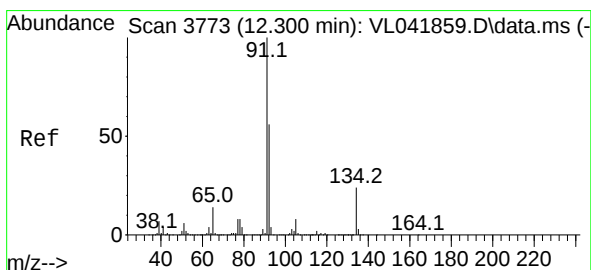
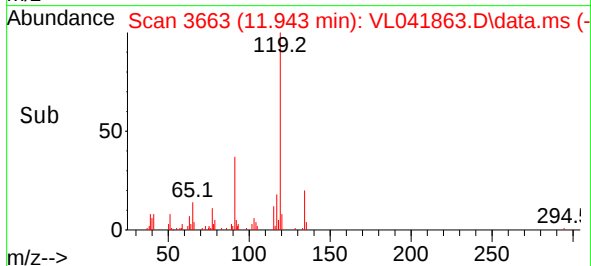
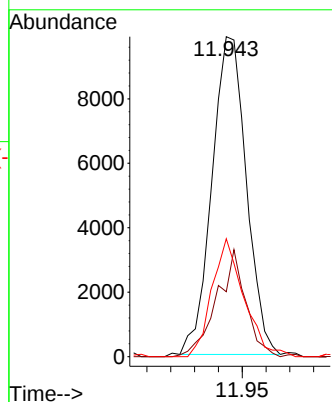
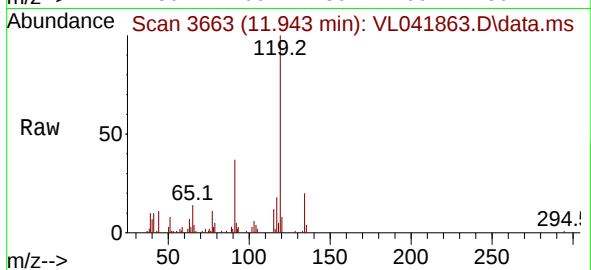
Tgt Ion:119 Resp: 9894

Ion Ratio Lower Upper

119 100

134 28.7 20.3 30.5

91 35.5 22.6 34.0#



#70

n-Butylbenzene

Concen: 0.146 ppbv

RT: 12.303 min Scan# 3774

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

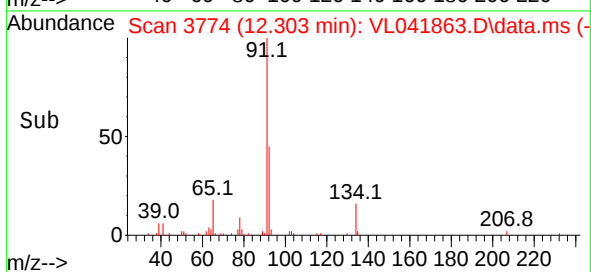
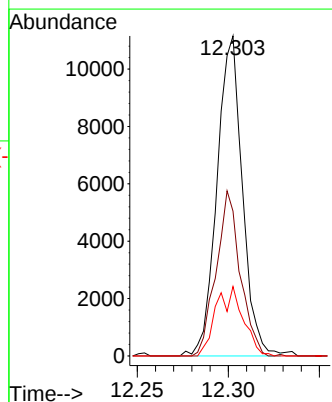
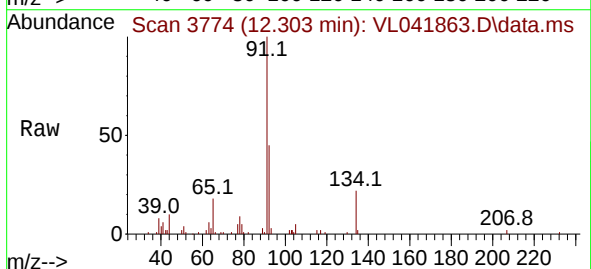
Tgt Ion: 91 Resp: 10777

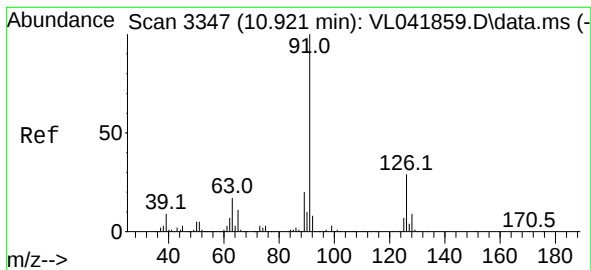
Ion Ratio Lower Upper

91 100

92 49.2 43.8 65.8

134 23.3 19.3 28.9

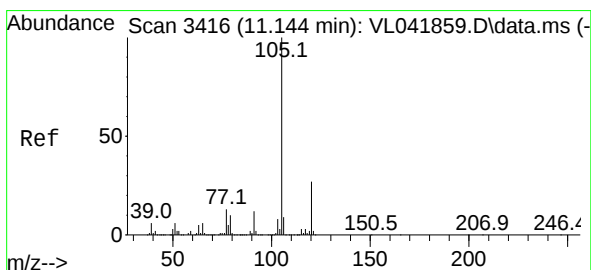
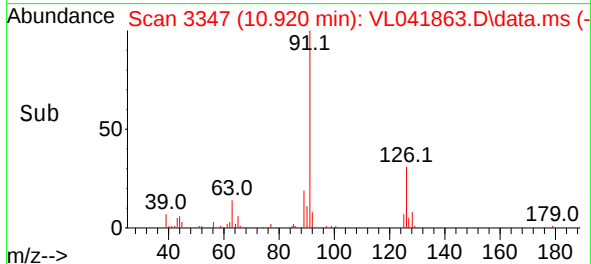
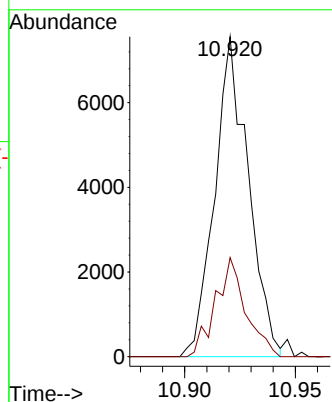
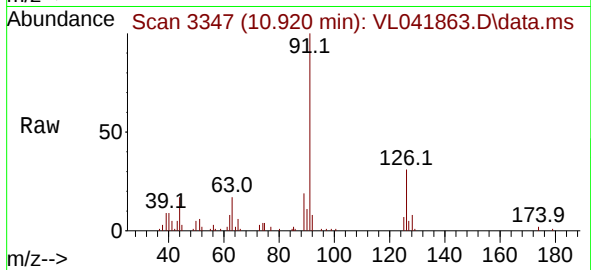




#71
2-Chlorotoluene
Concen: 0.154 ppbv
RT: 10.920 min Scan# 3417
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

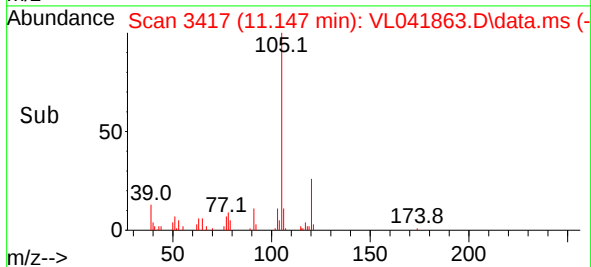
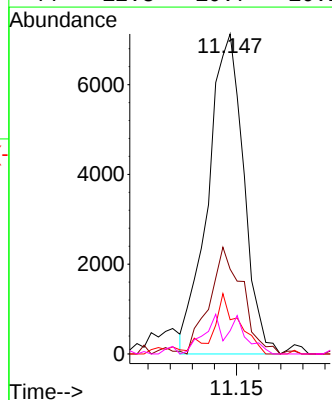
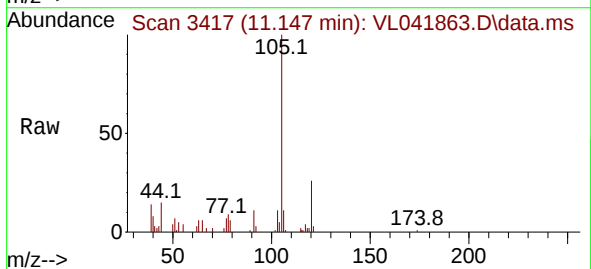
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

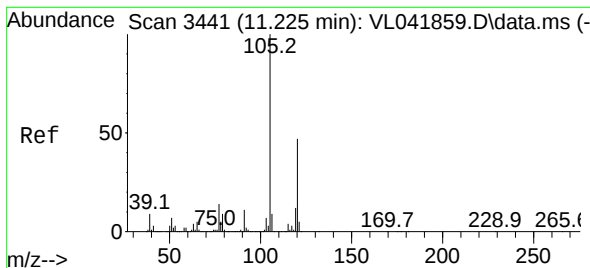
Tgt Ion: 91 Resp: 7959
Ion Ratio Lower Upper
91 100
126 28.0 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.145 ppbv
RT: 11.147 min Scan# 3417
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion: 105 Resp: 7954
Ion Ratio Lower Upper
105 100
120 33.2 23.5 35.3
91 15.0 9.8 14.8#
77 12.3 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.156 ppbv

RT: 11.225 min Scan# 3441

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

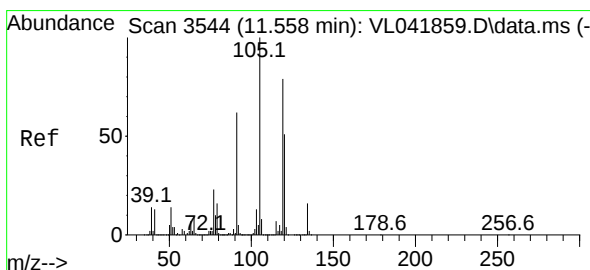
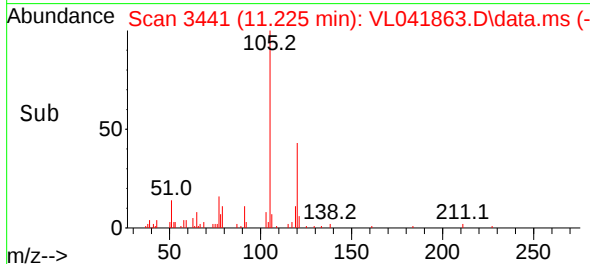
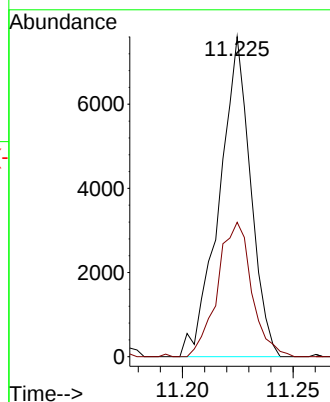
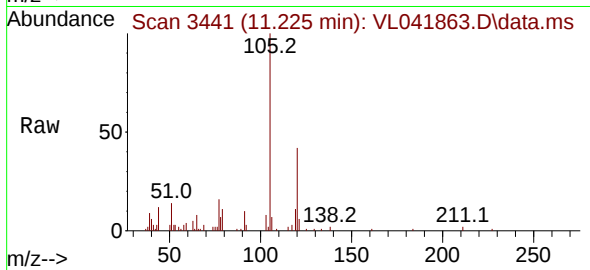
VSTDIC0.1

Tgt Ion:105 Resp: 7494

Ion Ratio Lower Upper

105 100

120 42.0 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.138 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. -0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Tgt Ion:105 Resp: 7683

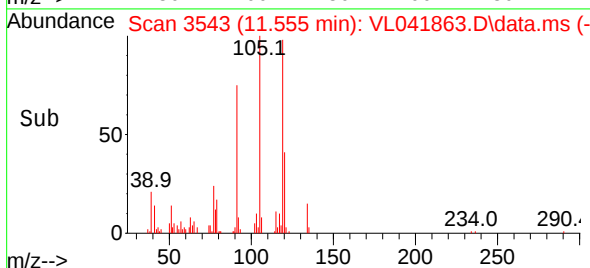
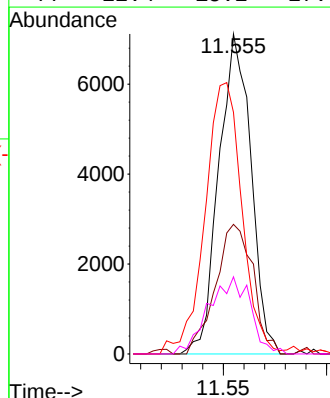
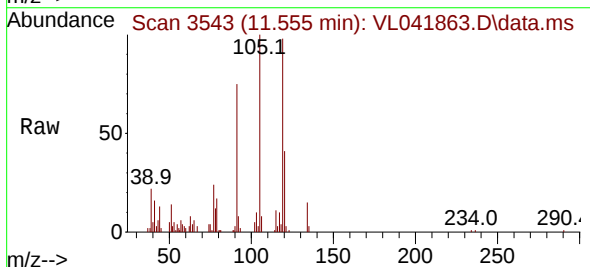
Ion Ratio Lower Upper

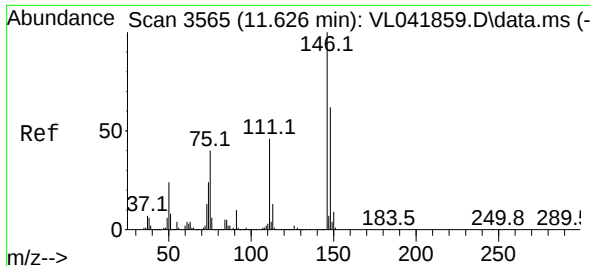
105 100

120 40.5 41.1 61.7#

91 74.4 50.0 75.0

77 22.4 18.2 27.4

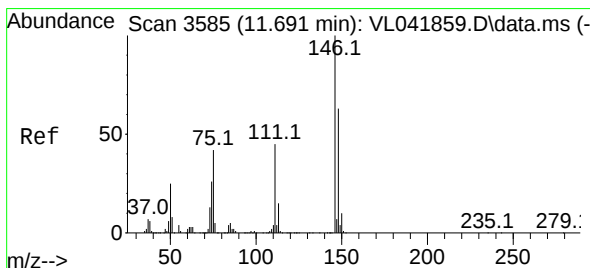
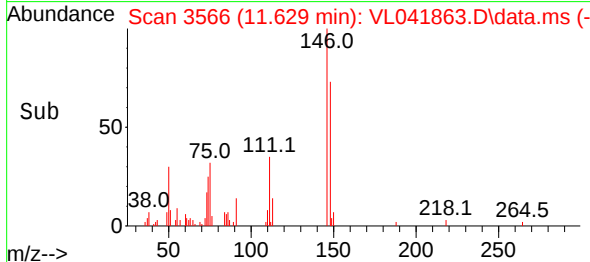
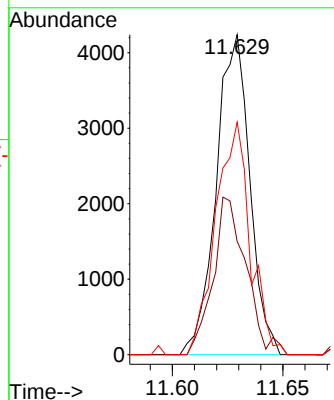
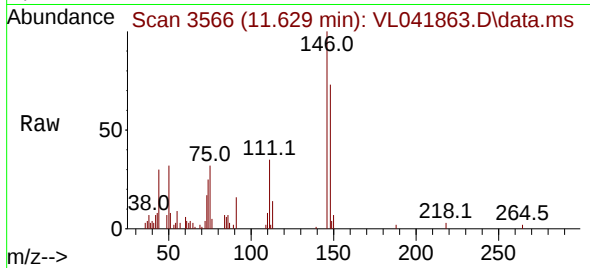




#75
1,3-Dichlorobenzene
Concen: 0.120 ppbv
RT: 11.629 min Scan# 3565
Delta R.T. 0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

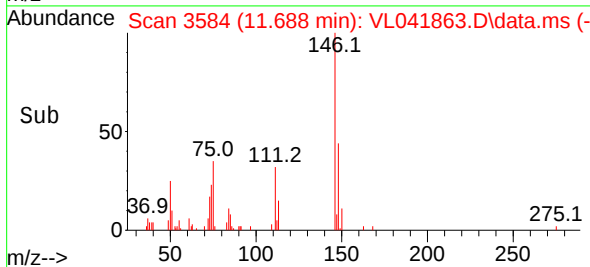
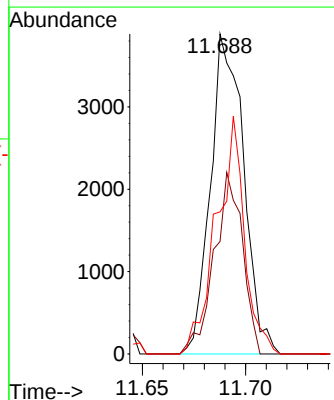
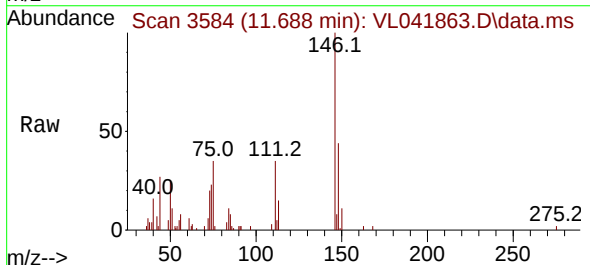
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

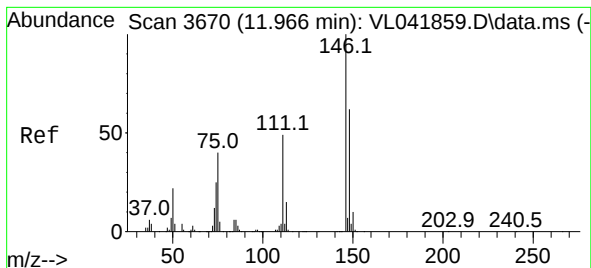
Tgt Ion:146 Resp: 4471
Ion Ratio Lower Upper
146 100
111 48.4 23.2 69.5
148 74.5 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.121 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.003 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:146 Resp: 4330
Ion Ratio Lower Upper
146 100
111 48.5 22.1 66.1
148 62.6 31.2 93.6





#77

1,2-Dichlorobenzene

Concen: 0.124 ppbv

RT: 11.969 min Scan# 3671

Delta R.T. 0.003 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

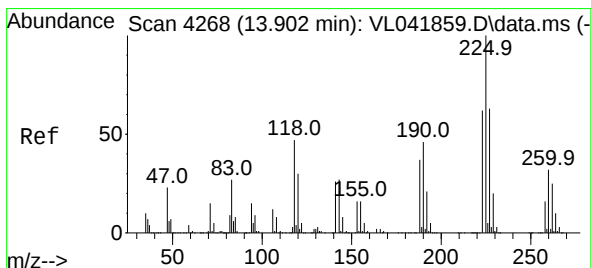
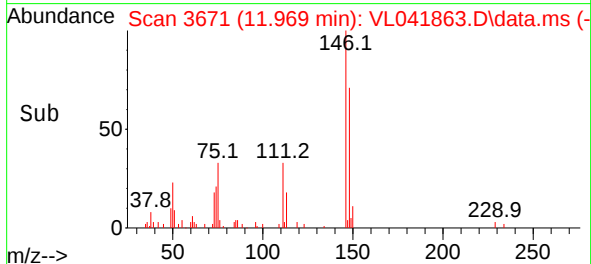
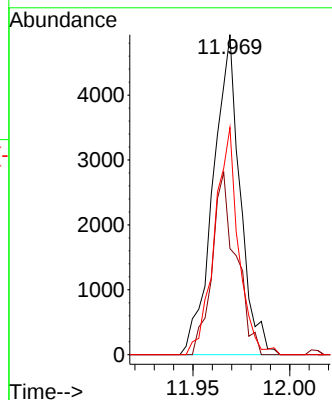
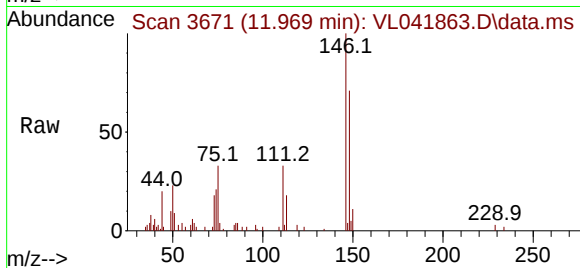
Tgt Ion:146 Resp: 4788

Ion Ratio Lower Upper

146 100

111 50.4 24.1 72.3

148 63.0 31.5 94.5



#78

Hexachloro-1,3-Butadiene

Concen: 0.126 ppbv

RT: 13.901 min Scan# 4268

Delta R.T. -0.000 min

Lab File: VL041863.D

Acq: 09 Jan 2025 13:24

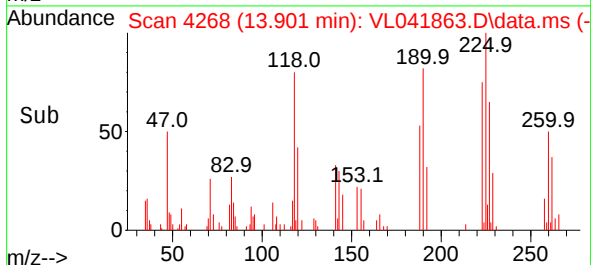
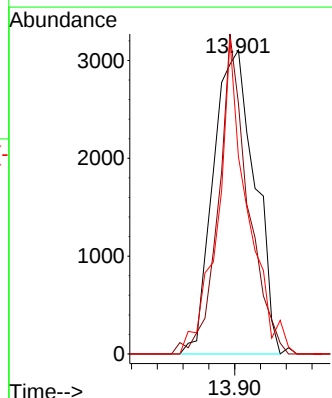
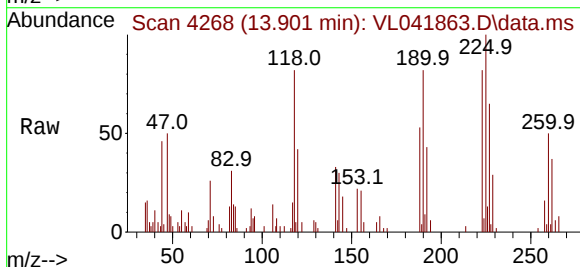
Tgt Ion:225 Resp: 3472

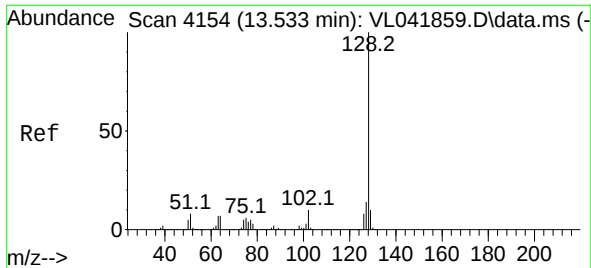
Ion Ratio Lower Upper

225 100

223 74.3 50.6 75.8

227 73.3 50.9 76.3

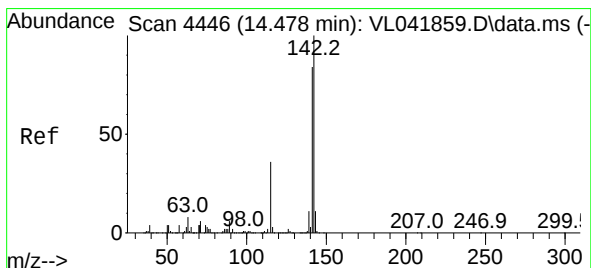
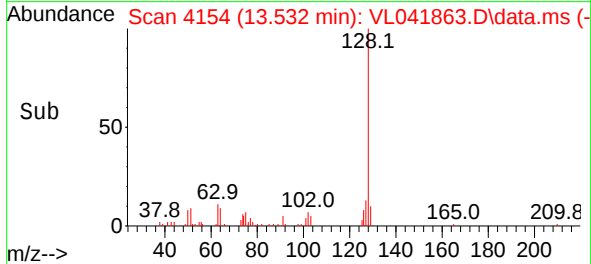
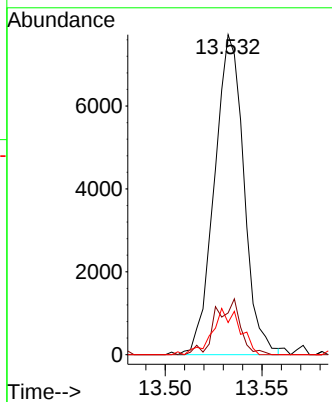
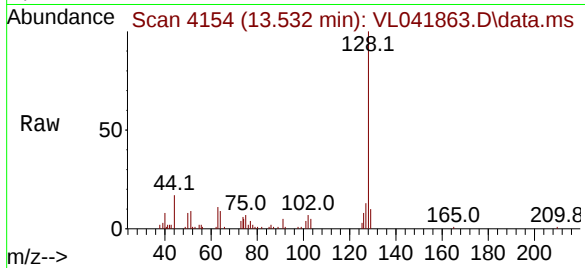




#79
Naphthalene
Concen: 0.199 ppbv
RT: 13.532 min Scan# 4154
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

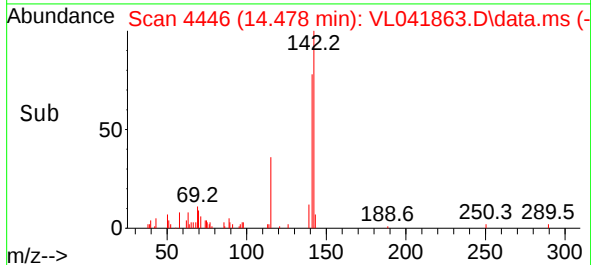
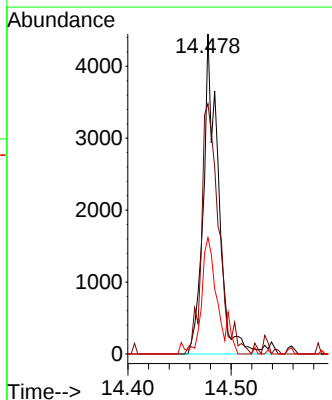
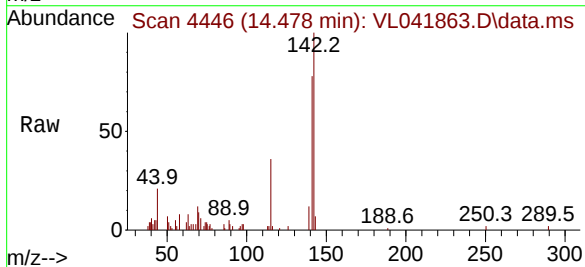
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

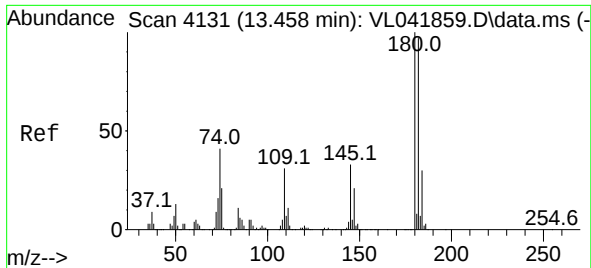
Tgt Ion:128 Resp: 8145
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.1 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 0.299 ppbv
RT: 14.478 min Scan# 4446
Delta R.T. -0.000 min
Lab File: VL041863.D
Acq: 09 Jan 2025 13:24

Tgt Ion:142 Resp: 4530
Ion Ratio Lower Upper
142 100
141 88.3 68.2 102.4
115 38.6 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.200 ppbv

RT: 13.455 min Scan# 41

Delta R.T. -0.004 min

Lab File: VL041863.D

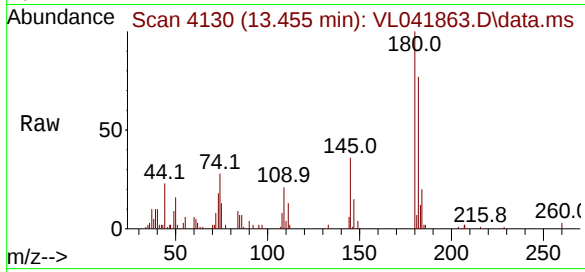
Acq: 09 Jan 2025 13:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 4537

Ion Ratio Lower Upper

180 100

182 91.9 75.8 113.8

184 31.5 24.1 36.1

