

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041865.D
 Acq On : 09 Jan 2025 14:27
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Jan 10 00:18:40 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	2.800	49	137279	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	407583	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	378604	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	299372	9.232	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	313199	13.904	ppbv	96
3) Chlorodifluoromethane	1.483	51	337088	15.662	ppbv	97
4) Chloromethane	1.538	50	123832	13.369	ppbv	98
5) Vinyl Chloride	1.586	62	121286	12.983	ppbv	98
6) Bromomethane	1.674	94	60238	15.053	ppbv	96
7) Chloroethane	1.713	64	50126	13.938	ppbv	95
8) Dichlorotetrafluoroethane	1.560	85	278524	14.332	ppbv	99
9) Propene	1.489	41	153753	20.521	ppbv	99
10) Heptane	5.007	43	414222	22.380	ppbv	100
11) Trichlorofluoromethane	1.887	101	330865	14.446	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.149	101	265740	15.579	ppbv	97
13) Ethanol	1.729	45	6979	7.090	ppbv	92
14) Bromoethene	1.790	108	96283	17.241	ppbv	98
15) Acetone	1.842	43	266190	10.532	ppbv	99
16) 1,3-Butadiene	1.615	39	126652	12.779	ppbv	98
17) tert-Butyl alcohol	2.049	59	359488	16.415	ppbv	99
18) 1,1-Dichloroethene	2.043	96	119220	16.693	ppbv	99
19) Isopropyl Alcohol	1.894	45	160227	13.505	ppbv	100
20) Methylene Chloride	2.072	84	99639	13.790	ppbv	95
21) Allyl Chloride	2.107	41	206645	15.872	ppbv	100
22) trans-1,2-Dichloroethene	2.353	96	135232	16.942	ppbv	98
23) Vinyl Acetate	2.476	43	172469	21.940	ppbv	98
24) 1,1-Dichloroethane	2.421	63	258532	14.799	ppbv	98
25) Ethyl Acetate	2.852	43	804978	18.993	ppbv	99
26) Hexane	2.842	57	323683	22.004	ppbv	99
27) Carbon Disulfide	2.162	76	327476	23.457	ppbv	96
28) Methyl tert-Butyl Ether	2.454	73	238377	21.502	ppbv	100
29) Chloroform	2.865	83	453699	16.603	ppbv	99
30) Cyclohexane	3.878	84	283640	25.428	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	319115	21.076	ppbv	98
32) 1,1,1-Trichloroethane	3.389	97	467121	18.862	ppbv	99
34) 2-Butanone	2.570	43	467080	14.548	ppbv	99
35) Carbon Tetrachloride	3.784	117	460791	14.959	ppbv	95
36) Benzene	3.677	78	663984	17.053	ppbv	99
37) 1,2-Dichloroethane	3.237	62	353759	13.820	ppbv	99
38) Trichloroethene	4.577	130	262977	17.563	ppbv	96
39) 1,2-Dichloropropane	4.341	63	238460	15.832	ppbv	96
40) 1,4-Dioxane	4.609	88	117449	20.147	ppbv #	90
41) Tetrahydrofuran	3.072	42	273858	18.107	ppbv	99
42) Bromodichloromethane	4.515	83	507098	16.892	ppbv	97
43) Methyl Methacrylate	4.910	69	276446	22.609	ppbv	99
44) 2,2,4-Trimethylpentane	4.668	57	1112501	17.341	ppbv	100
45) t-1,3-Dichloropropene	6.448	75	290137	24.306	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

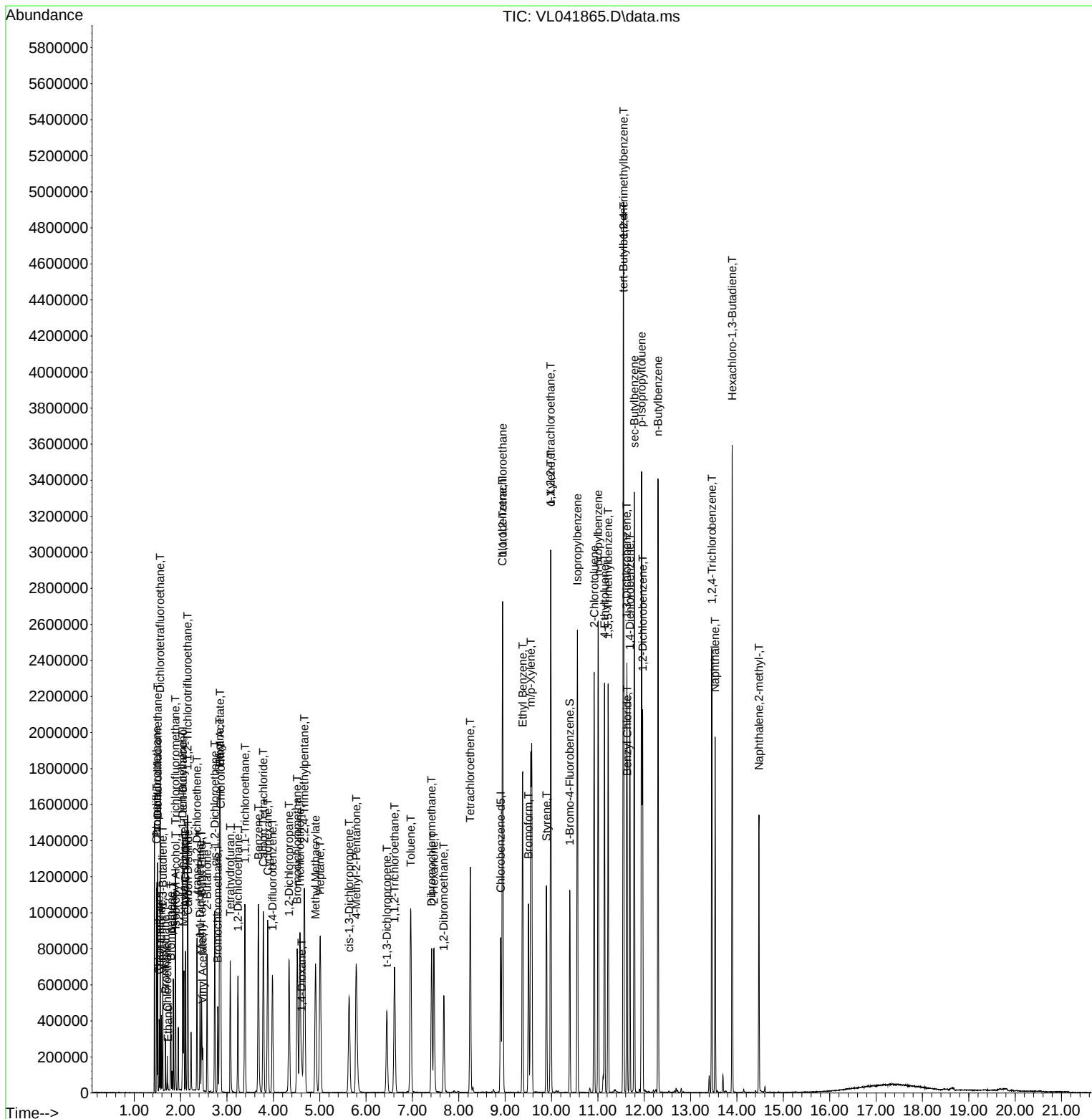
Instrument :
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 ClientSampleId :
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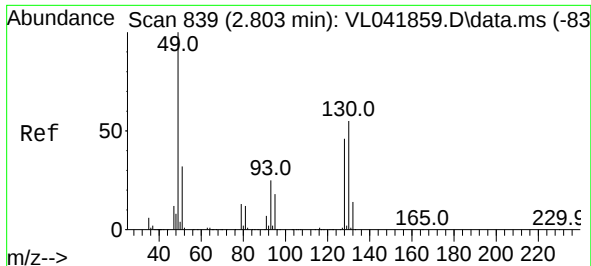
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	370479	23.570	ppbv	97
47) 1,1,2-Trichloroethane	6.616	97	252224	15.853	ppbv	98
48) Dibromochloromethane	7.412	129	408959	20.167	ppbv	100
49) Bromoform	9.503	173	362905	22.331	ppbv	98
50) 4-Methyl-2-Pentanone	5.787	43	680330	18.323	ppbv	100
51) 2-Hexanone	7.461	43	557793	19.852	ppbv #	99
52) Tetrachloroethene	8.247	164	233663	20.239	ppbv	98
53) Toluene	6.966	91	796461	22.983	ppbv	100
54) 1,2-Dibromoethane	7.678	107	353045	18.098	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.946	131	318489	14.760	ppbv	98
57) Chlorobenzene	8.943	112	578775	14.632	ppbv	96
58) Ethyl Benzene	9.377	91	1081235	20.954	ppbv	99
59) m/p-Xylene	9.555	91	858880	18.893	ppbv #	100
60) o-Xylene	9.985	91	840494	18.971	ppbv	99
61) Styrene	9.892	104	431280	25.091	ppbv	98
62) Isopropylbenzene	10.558	105	1247161	17.917	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	496124	12.770	ppbv	100
64) n-propylbenzene	11.008	120	326937	18.308	ppbv	92
65) tert-Butylbenzene	11.549	119	1082296	17.255	ppbv	99
66) Benzyl Chloride	11.633	91	113138	21.533	ppbv	99
67) sec-Butylbenzene	11.785	105	1472665	16.090	ppbv	99
69) p-Isopropyltoluene	11.944	119	1277666	17.781	ppbv	99
70) n-Butylbenzene	12.300	91	1262477	17.488	ppbv	98
71) 2-Chlorotoluene	10.921	91	958596	18.973	ppbv	100
72) 4-Ethyltoluene	11.144	105	1009262	18.837	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	866209	18.459	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	905561	16.660	ppbv	96
75) 1,3-Dichlorobenzene	11.626	146	550141	15.122	ppbv	100
76) 1,4-Dichlorobenzene	11.688	146	550306	15.719	ppbv	99
77) 1,2-Dichlorobenzene	11.966	146	519421	13.701	ppbv	100
78) Hexachloro-1,3-Butadiene	13.898	225	411642	15.294	ppbv	99
79) Naphthalene	13.529	128	896443	22.388	ppbv	98
80) Naphthalene,2-methyl-	14.475	142	443159	29.902	ppbv	99
81) 1,2,4-Trichlorobenzene	13.458	180	436412	19.665	ppbv	99

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

Quant Time: Jan 10 00:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
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QLast Update : Fri Jan 10 00:10:04 2025
Response via : Initial Calibration

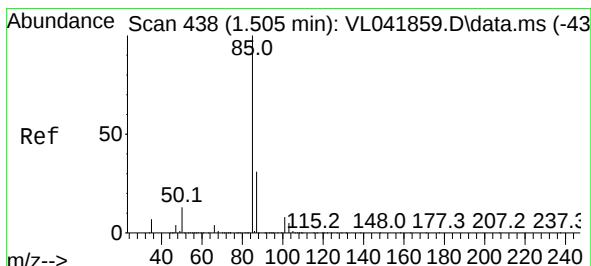
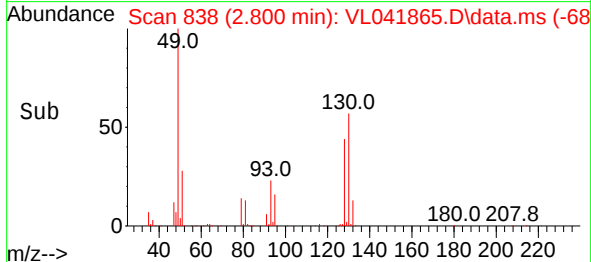
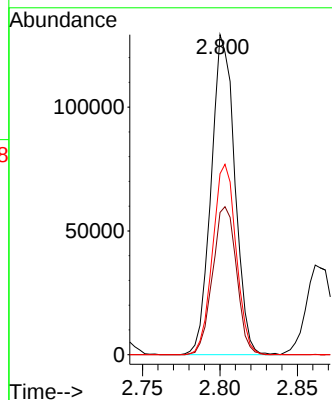
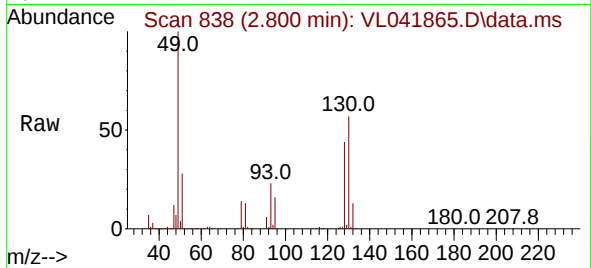




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 839
Delta R.T. -0.003 min
Lab File: VL041865.D
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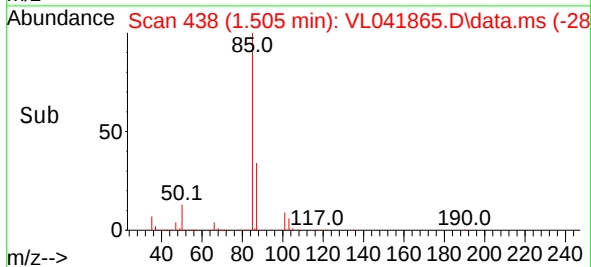
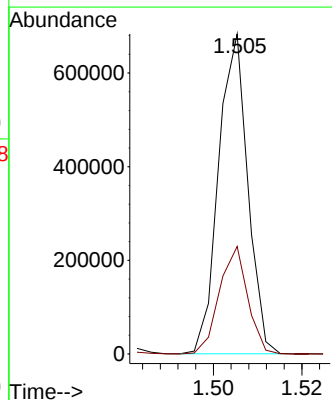
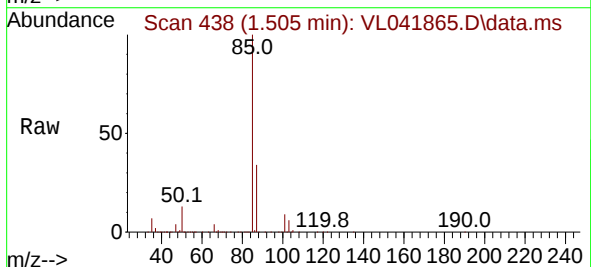
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

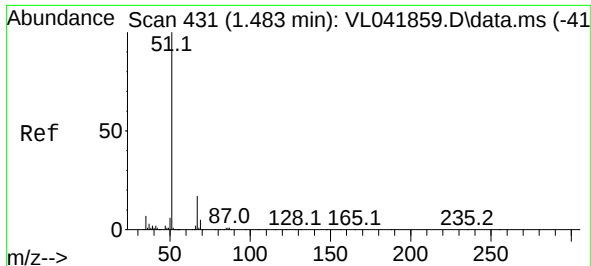
Tgt Ion: 49 Resp: 137279
Ion Ratio Lower Upper
49 100
128 46.6 23.2 69.5
130 59.0 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 13.904 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 85 Resp: 313199
Ion Ratio Lower Upper
85 100
87 33.6 25.2 37.8

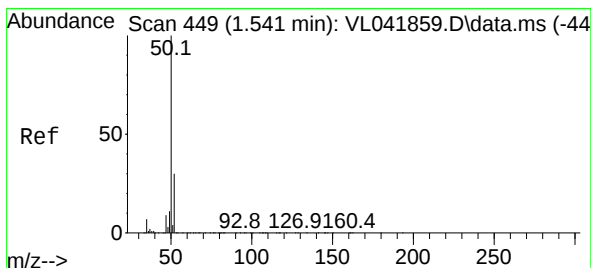
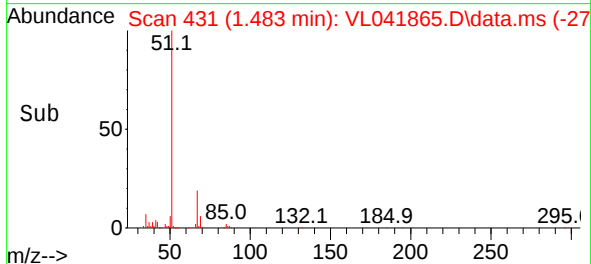
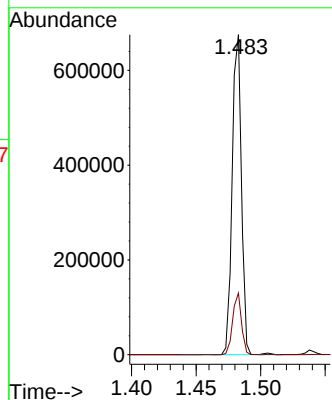
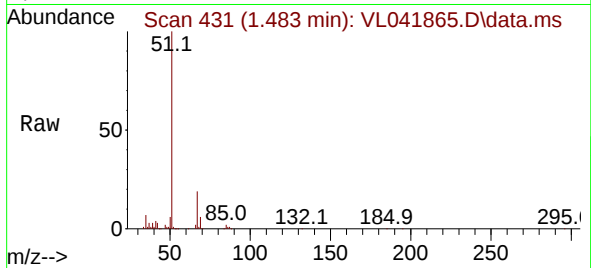




#3
Chlorodifluoromethane
Concen: 15.662 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

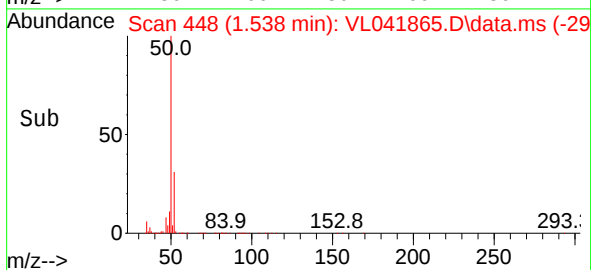
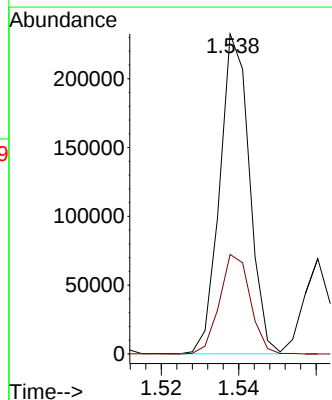
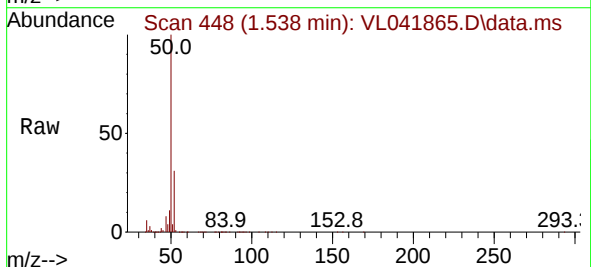
Instrument :
MSVOA_L
ClientSampleId :
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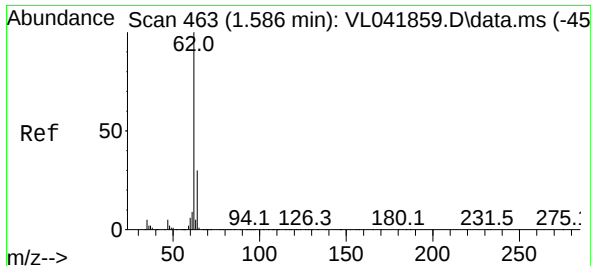
Tgt Ion: 51 Resp: 337088
Ion Ratio Lower Upper
51 100
67 18.4 13.8 20.8



#4
Chloromethane
Concen: 13.369 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 50 Resp: 123832
Ion Ratio Lower Upper
50 100
52 31.1 23.9 35.9

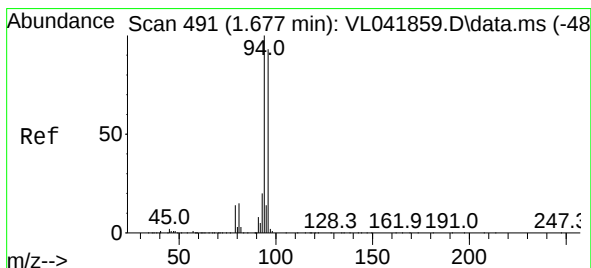
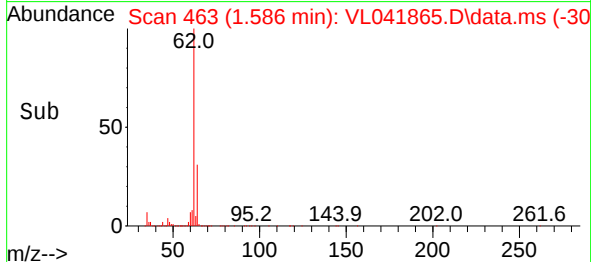
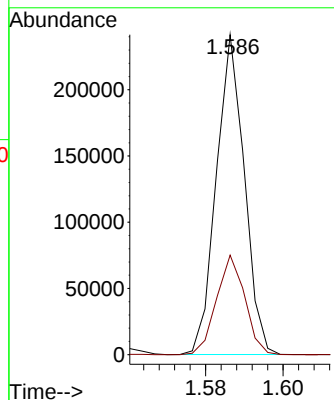
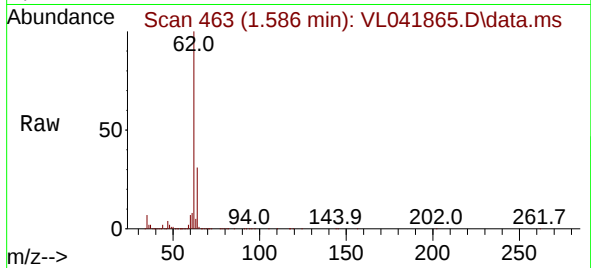




#5
 Vinyl Chloride
 Concen: 12.983 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL041865.D
 Acq: 09 Jan 2025 14:27

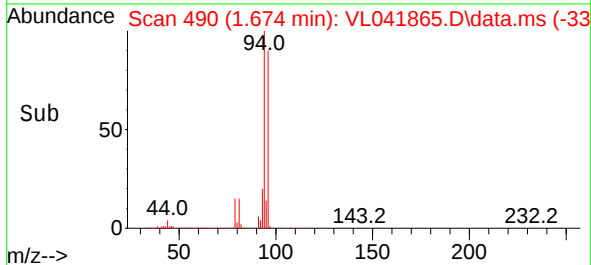
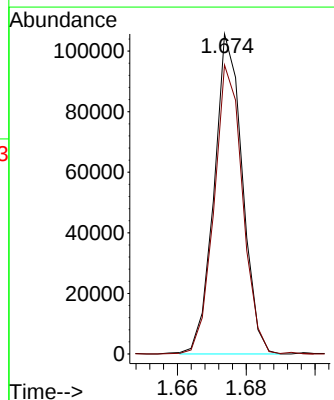
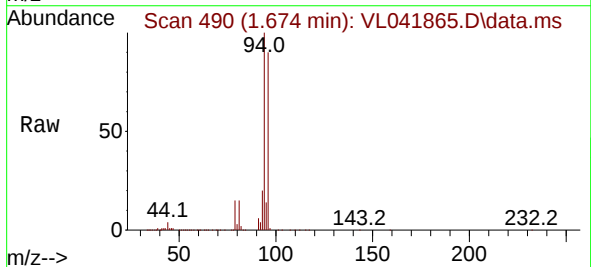
Instrument :
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 ClientSampleId :
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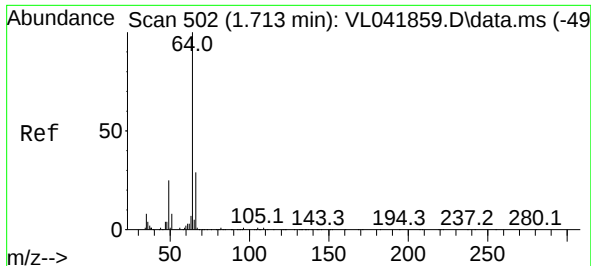
Tgt Ion: 62 Resp: 121286
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.1 36.1



#6
 Bromomethane
 Concen: 15.053 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041865.D
 Acq: 09 Jan 2025 14:27

Tgt Ion: 94 Resp: 60238
 Ion Ratio Lower Upper
 94 100
 96 90.1 74.8 112.2

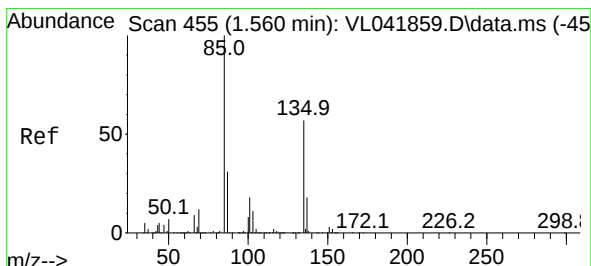
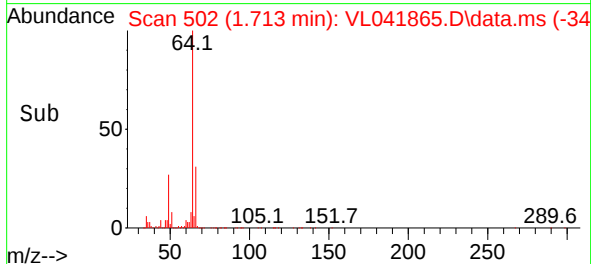
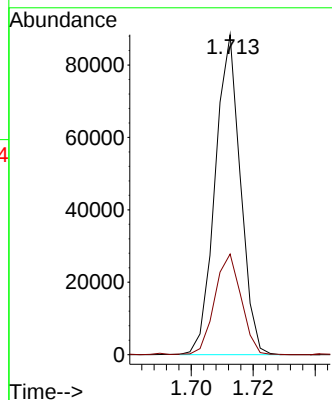
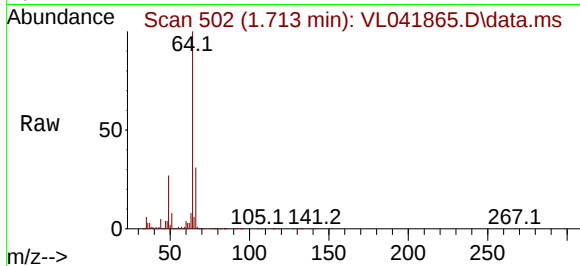




#7
Chloroethane
Concen: 13.938 ppbv
RT: 1.713 min Scan# 502
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

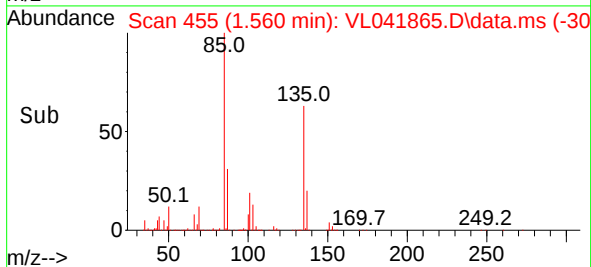
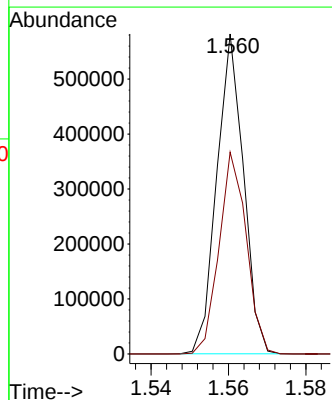
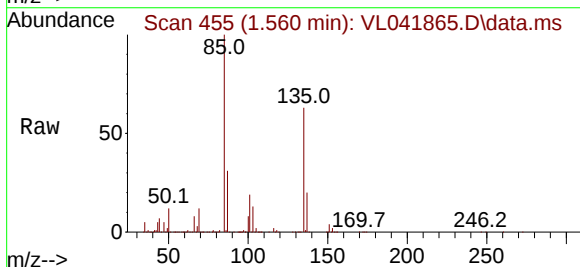
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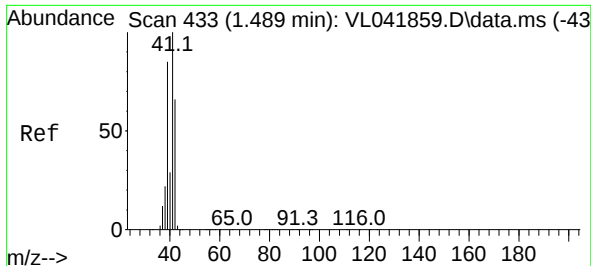
Tgt Ion: 64 Resp: 50126
Ion Ratio Lower Upper
64 100
66 31.5 23.0 34.6



#8
Dichlorotetrafluoroethane
Concen: 14.332 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 85 Resp: 278524
Ion Ratio Lower Upper
85 100
135 64.6 52.2 78.4





#9

Propene

Concen: 20.521 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

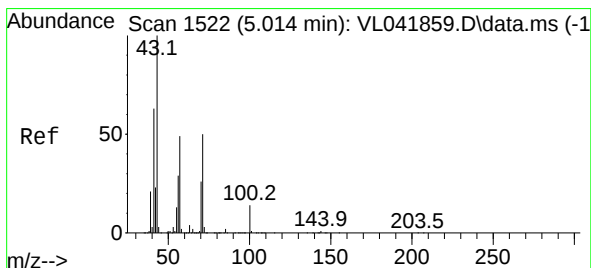
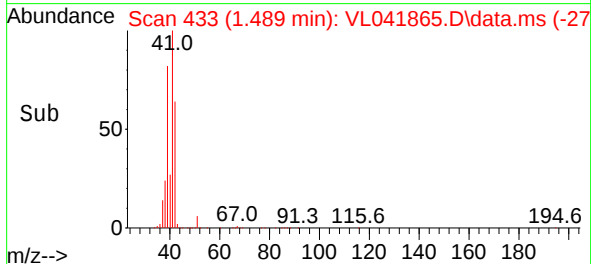
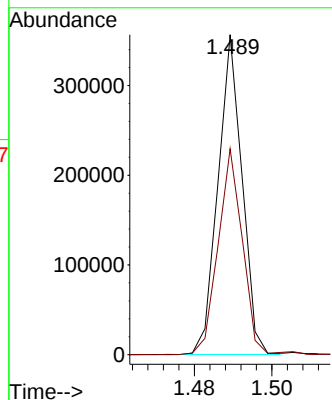
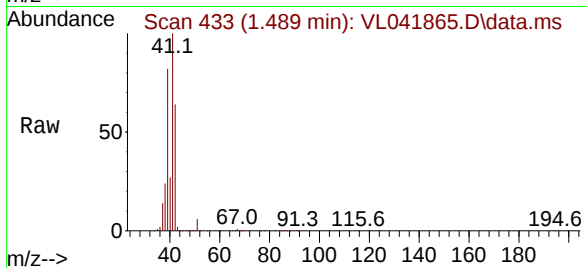
VSTDIC015

Tgt Ion: 41 Resp: 153753

Ion Ratio Lower Upper

41 100

42 65.7 53.0 79.6



#10

Heptane

Concen: 22.380 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VL041865.D

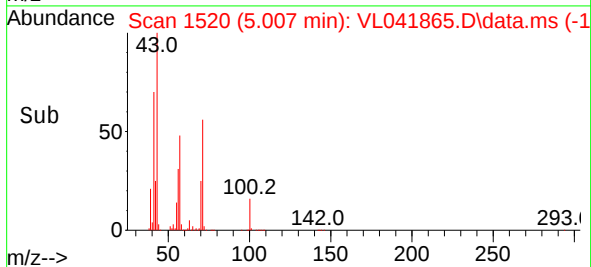
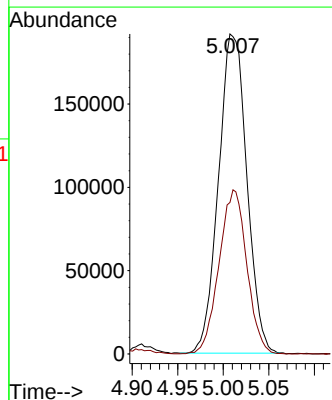
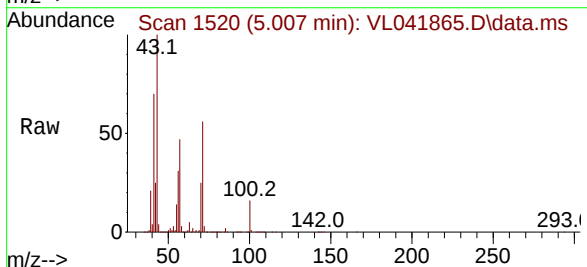
Acq: 09 Jan 2025 14:27

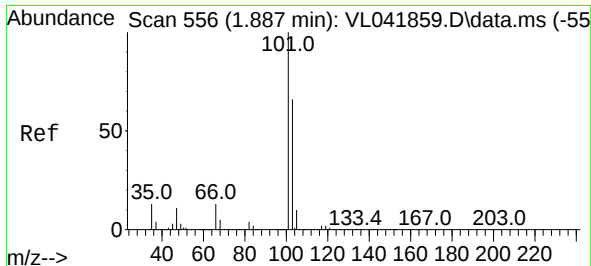
Tgt Ion: 43 Resp: 414222

Ion Ratio Lower Upper

43 100

57 50.4 40.2 60.2





#11

Trichlorofluoromethane

Concen: 14.446 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

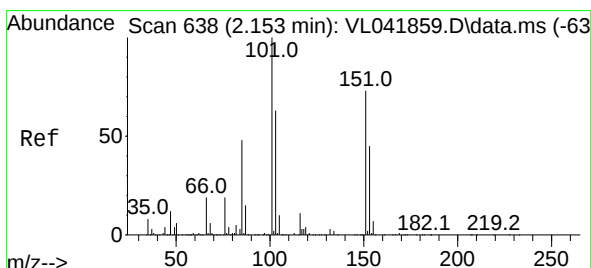
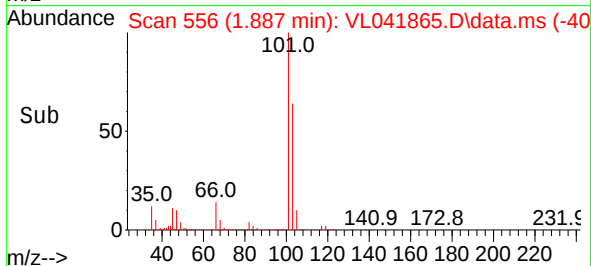
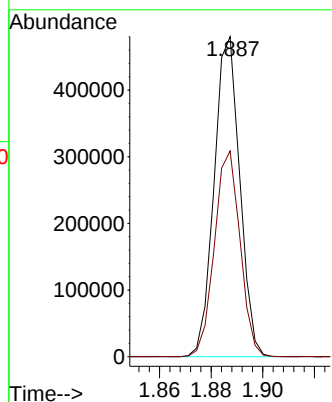
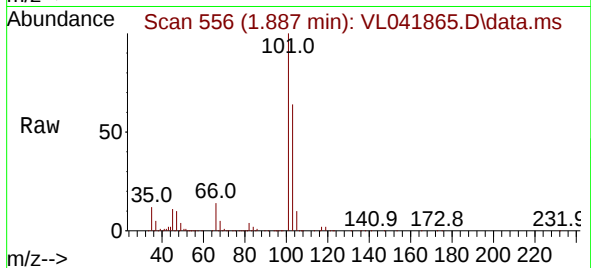
VSTDIC015

Tgt Ion:101 Resp: 330865

Ion Ratio Lower Upper

101 100

103 64.3 52.6 78.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 15.579 ppbv

RT: 2.149 min Scan# 637

Delta R.T. -0.003 min

Lab File: VL041865.D

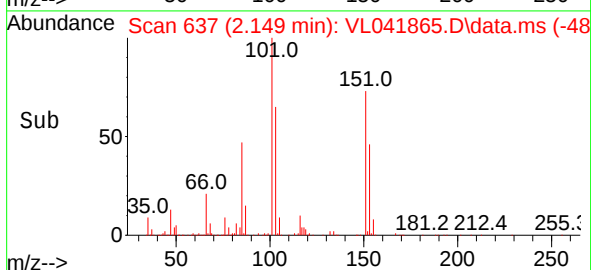
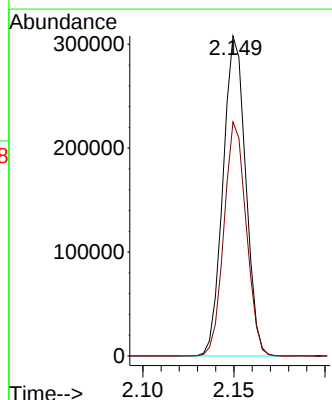
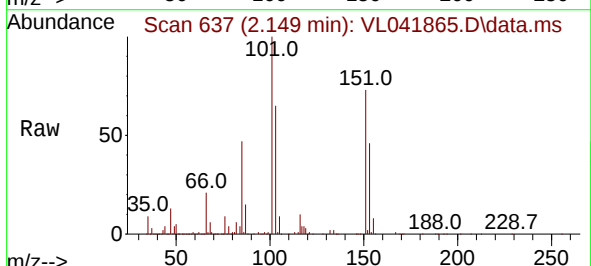
Acq: 09 Jan 2025 14:27

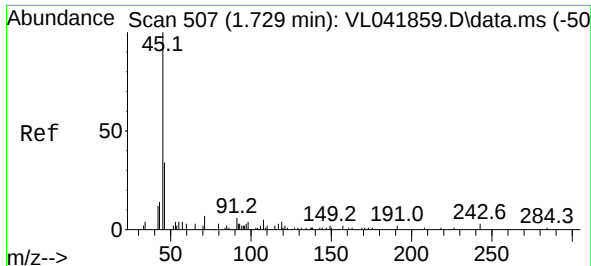
Tgt Ion:101 Resp: 265740

Ion Ratio Lower Upper

101 100

151 71.9 59.4 89.0





#13

Ethanol

Concen: 7.090 ppbv

RT: 1.729 min Scan# 507

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

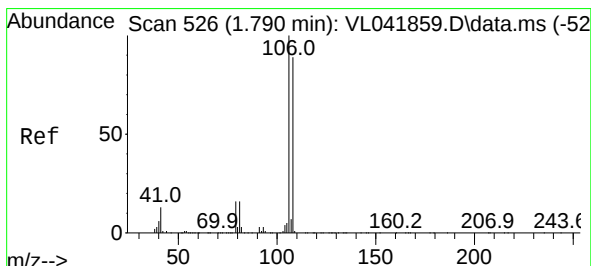
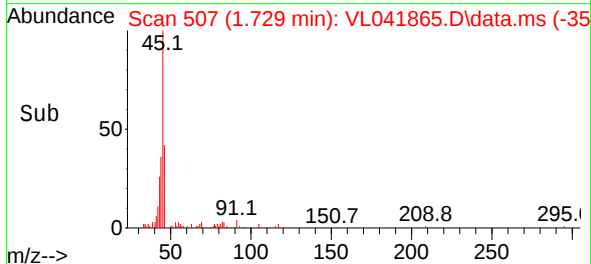
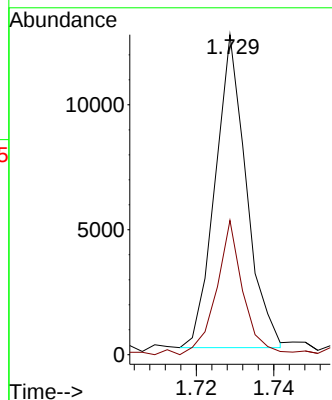
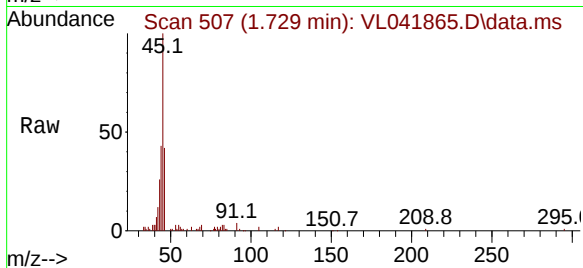
VSTDIC015

Tgt Ion: 45 Resp: 6979

Ion Ratio Lower Upper

45 100

46 41.8 19.0 76.0



#14

Bromoethene

Concen: 17.241 ppbv

RT: 1.790 min Scan# 526

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

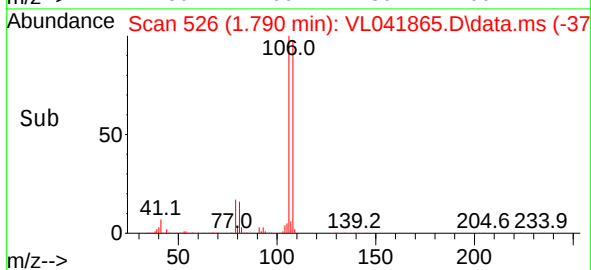
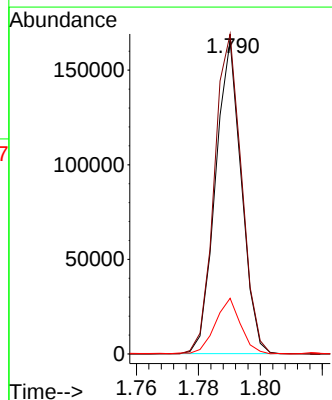
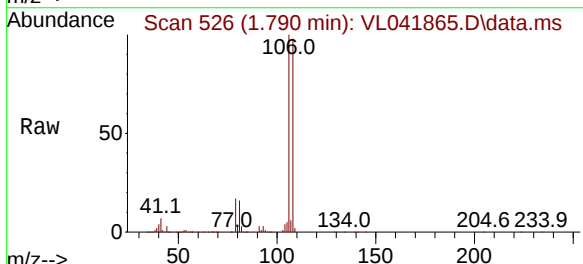
Tgt Ion: 108 Resp: 96283

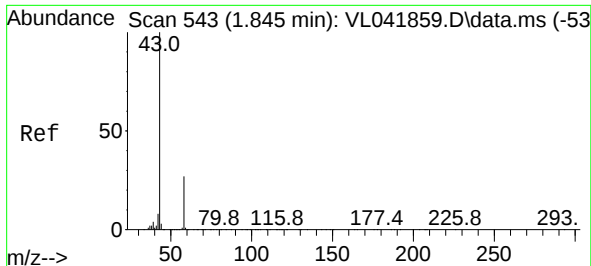
Ion Ratio Lower Upper

108 100

106 107.2 86.9 130.3

79 17.7 15.6 23.4

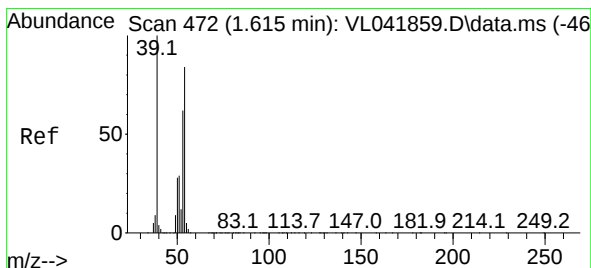
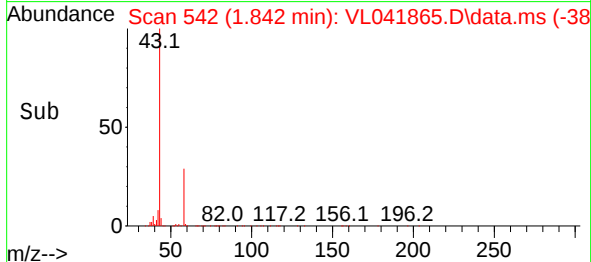
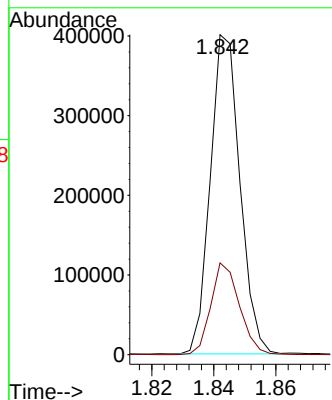
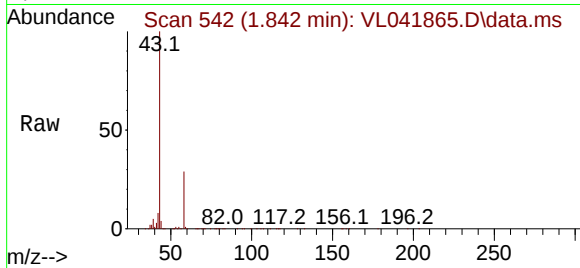




#15
Acetone
Concen: 10.532 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

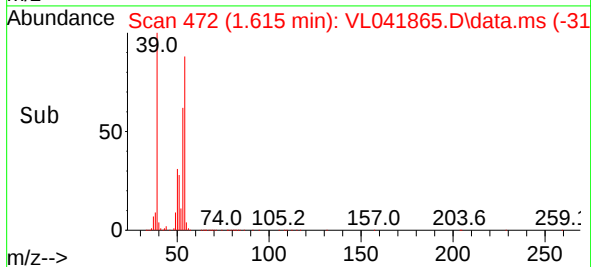
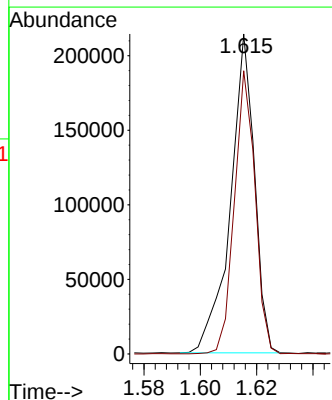
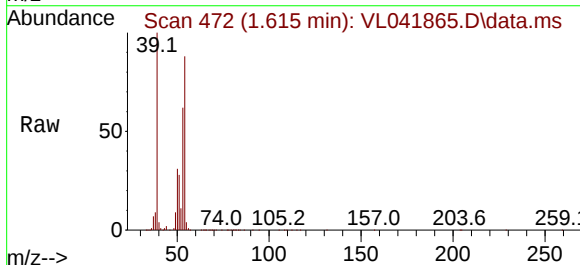
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

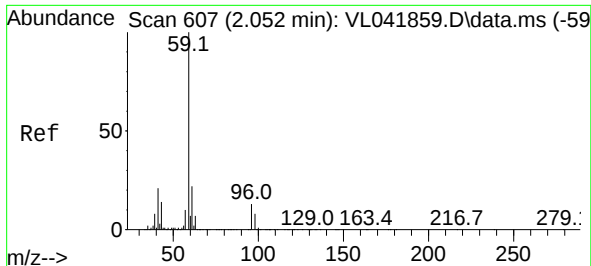
Tgt Ion: 43 Resp: 266190
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1



#16
1,3-Butadiene
Concen: 12.779 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 39 Resp: 126652
Ion Ratio Lower Upper
39 100
54 76.8 60.1 90.1





#17

tert-Butyl alcohol

Concen: 16.415 ppbv

RT: 2.049 min Scan# 606

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

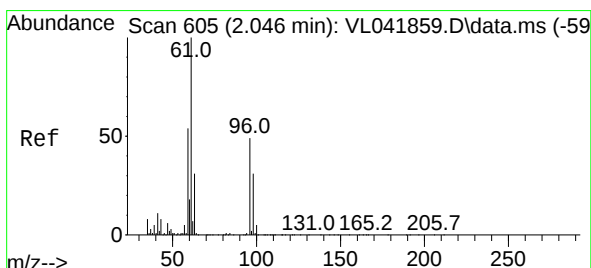
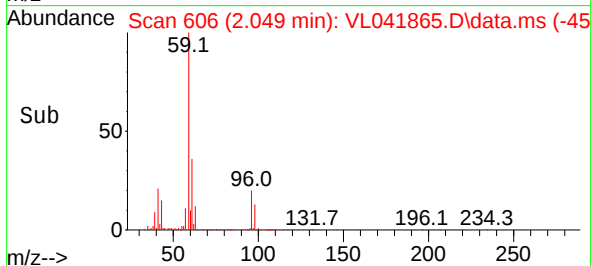
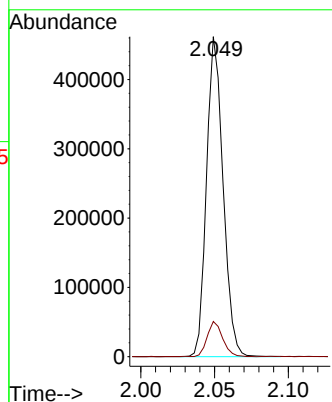
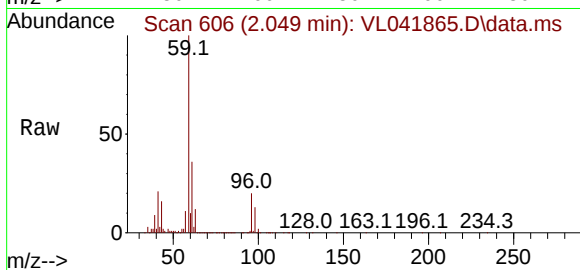
VSTDIC015

Tgt Ion: 59 Resp: 359488

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



#18

1,1-Dichloroethene

Concen: 16.693 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

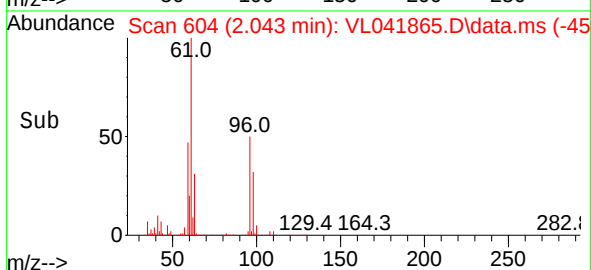
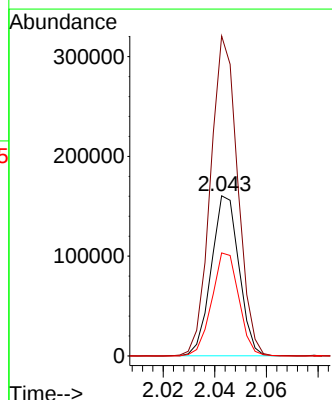
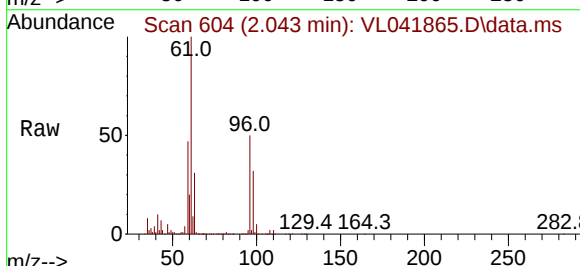
Tgt Ion: 96 Resp: 119220

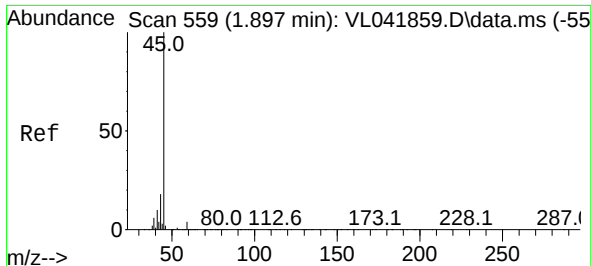
Ion Ratio Lower Upper

96 100

61 200.1 161.7 242.5

98 64.4 51.0 76.4





#19

Isopropyl Alcohol

Concen: 13.505 ppbv

RT: 1.894 min Scan# 559

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

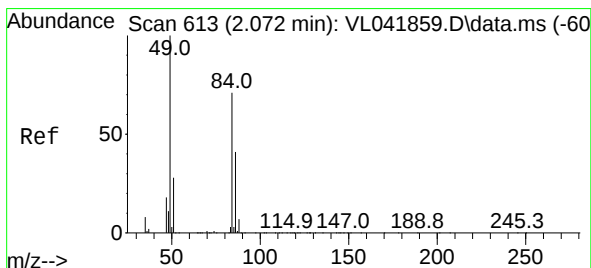
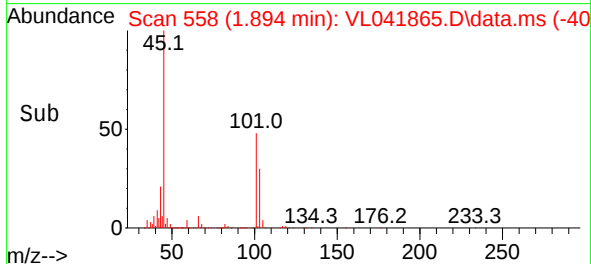
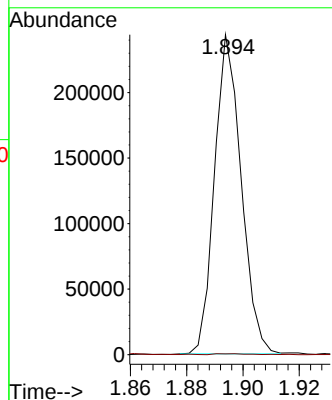
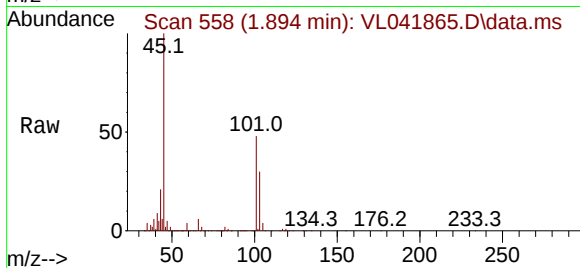
VSTDIC015

Tgt Ion: 45 Resp: 160227

Ion Ratio Lower Upper

45 100

58 46.2 37.0 55.6



#20

Methylene Chloride

Concen: 13.790 ppbv

RT: 2.072 min Scan# 613

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Tgt Ion: 84 Resp: 99639

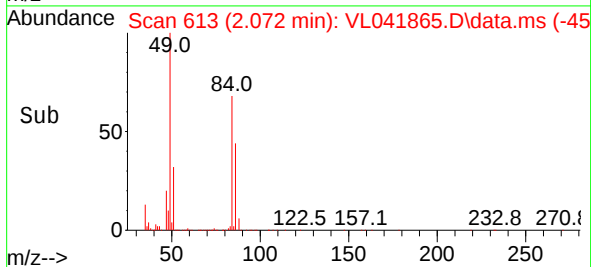
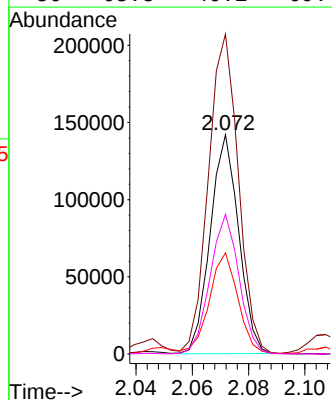
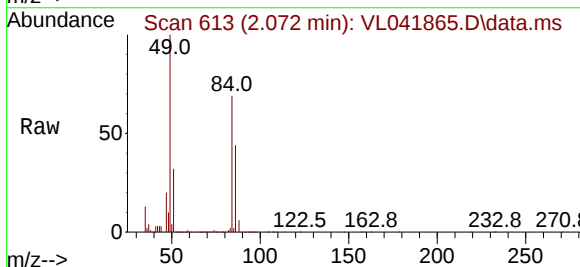
Ion Ratio Lower Upper

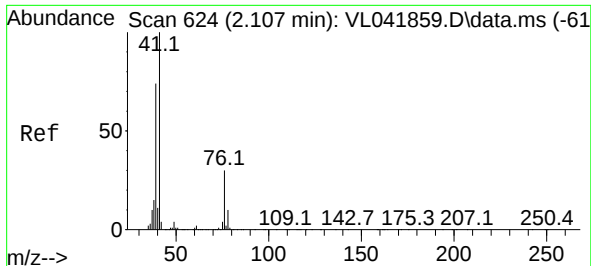
84 100

49 145.9 113.8 170.8

51 46.0 33.5 50.3

86 63.8 46.2 69.4

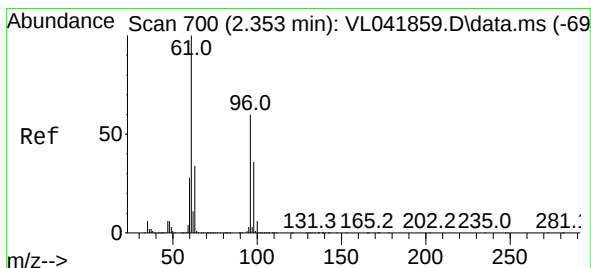
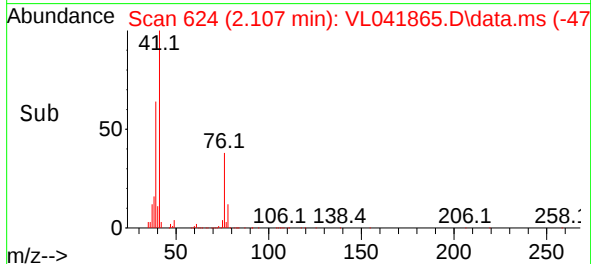
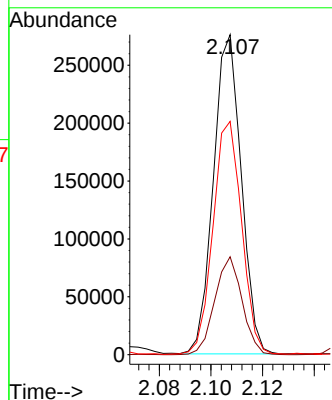
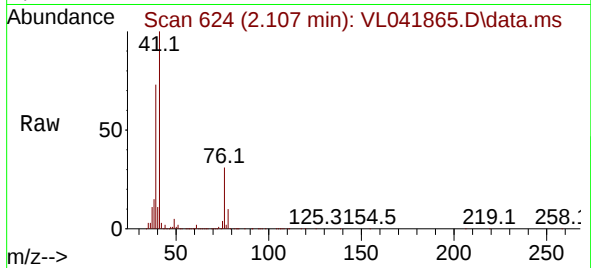




#21
 Allyl Chloride
 Concen: 15.872 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041865.D
 Acq: 09 Jan 2025 14:27

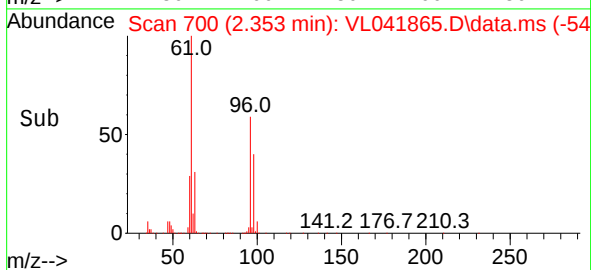
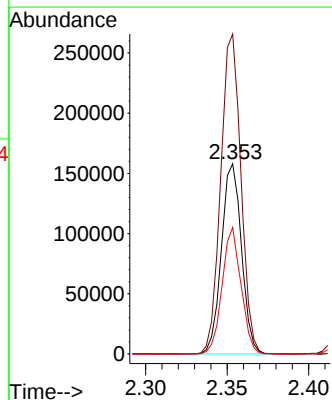
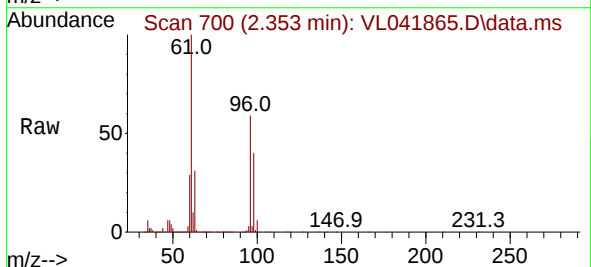
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

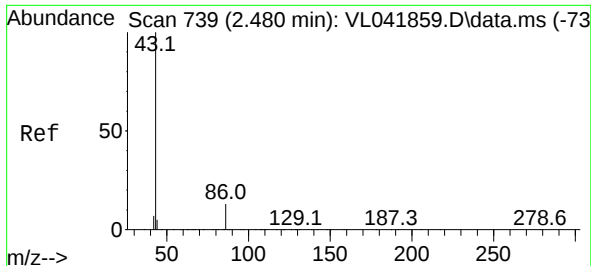
Tgt Ion: 41 Resp: 206645
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.6 36.8
 39 75.1 60.1 90.1



#22
 trans-1,2-Dichloroethene
 Concen: 16.942 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: VL041865.D
 Acq: 09 Jan 2025 14:27

Tgt Ion: 96 Resp: 135232
 Ion Ratio Lower Upper
 96 100
 61 168.2 134.2 201.4
 98 66.7 49.0 73.4



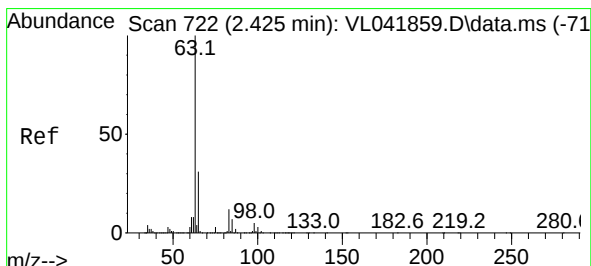
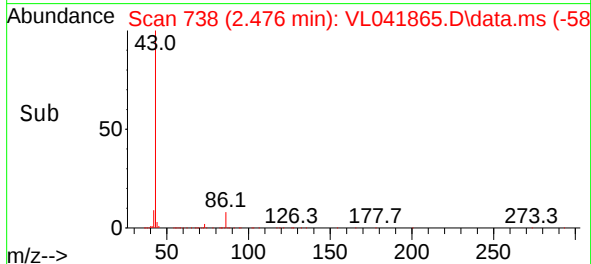
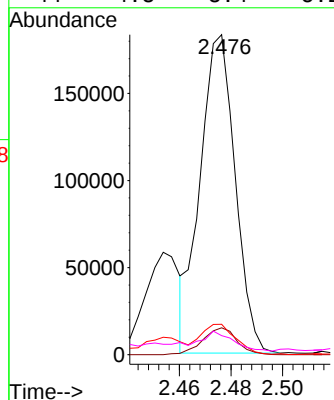
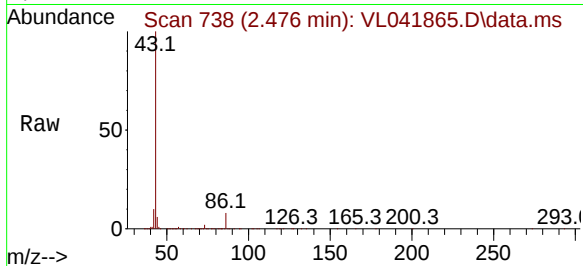


#23
 Vinyl Acetate
 Concen: 21.940 ppbv
 RT: 2.476 min Scan# 741
 Delta R.T. -0.003 min
 Lab File: VL041865.D
 Acq: 09 Jan 2025 14:27

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 172469

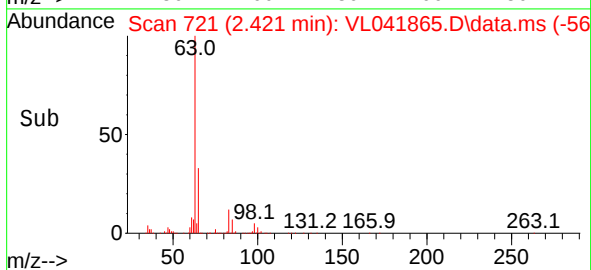
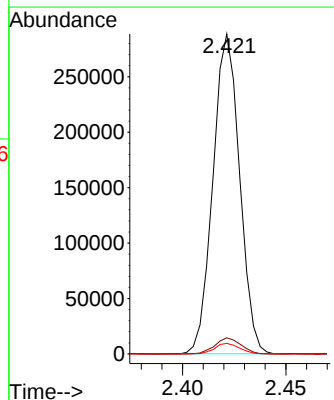
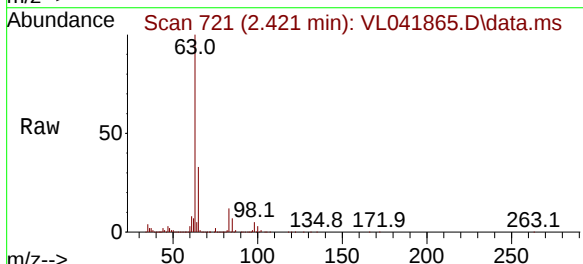
Ion	Ratio	Lower	Upper
43	100		
86	8.5	7.8	11.6
42	9.3	7.0	10.4
44	4.3	3.4	5.2

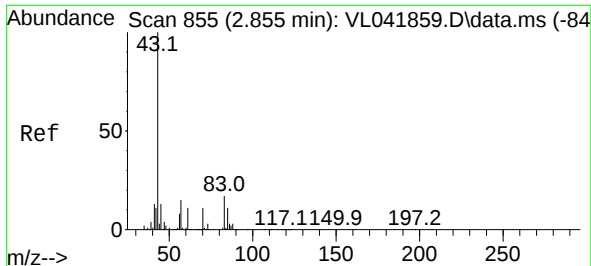


#24
 1,1-Dichloroethane
 Concen: 14.799 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.003 min
 Lab File: VL041865.D
 Acq: 09 Jan 2025 14:27

Tgt Ion: 63 Resp: 258532

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.3	6.9
100	3.3	1.3	3.8

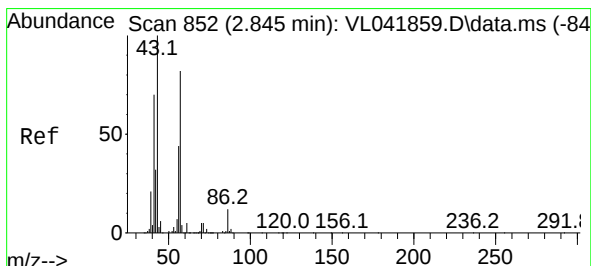
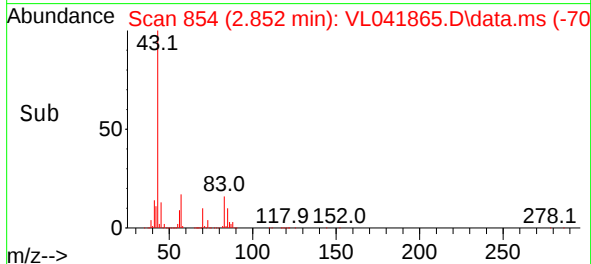
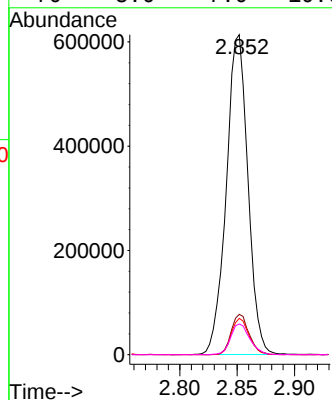
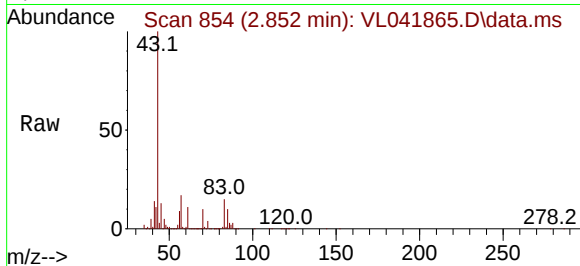




#25
Ethyl Acetate
Concen: 18.993 ppbv
RT: 2.852 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

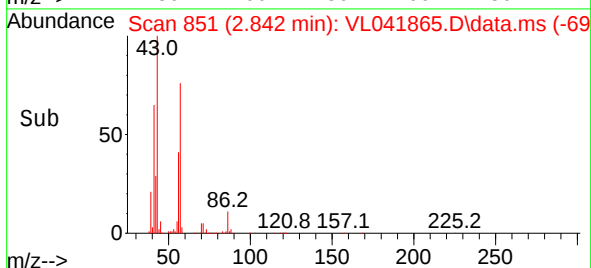
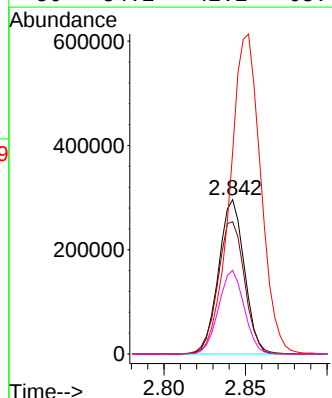
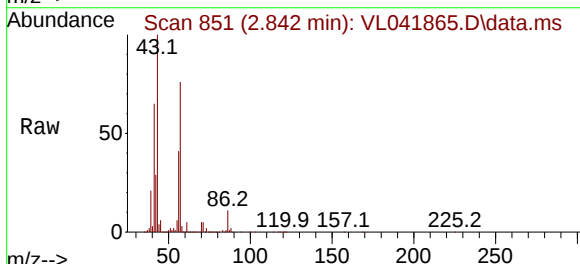
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

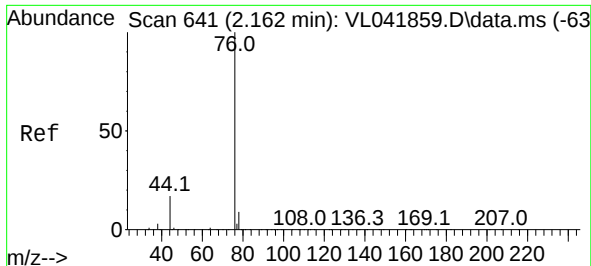
Tgt Ion: 43	Resp: 804978
Ion Ratio	Lower Upper
43 100	
45 10.4	8.4 12.6
61 9.4	7.3 10.9
70 8.6	7.0 10.6



#26
Hexane
Concen: 22.004 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 57	Resp: 323683
Ion Ratio	Lower Upper
57 100	
41 90.3	71.5 107.3
43 249.2	200.2 300.4
56 54.2	42.2 63.4

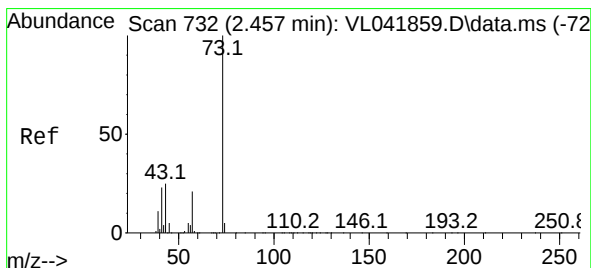
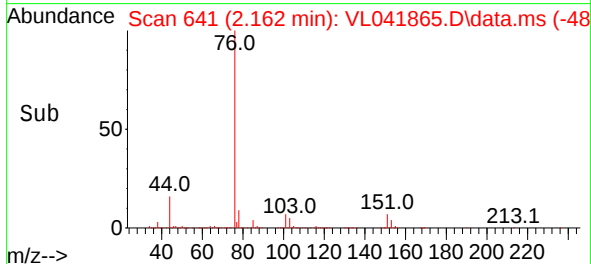
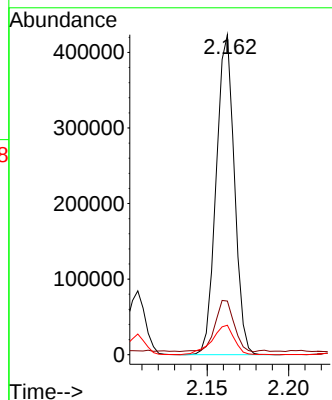
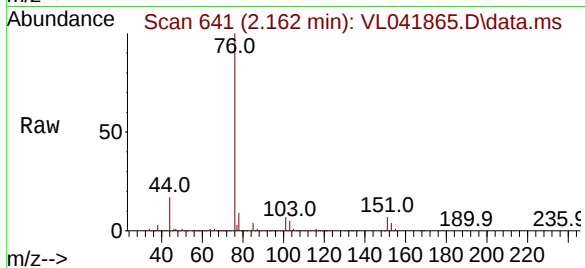




#27
Carbon Disulfide
Concen: 23.457 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

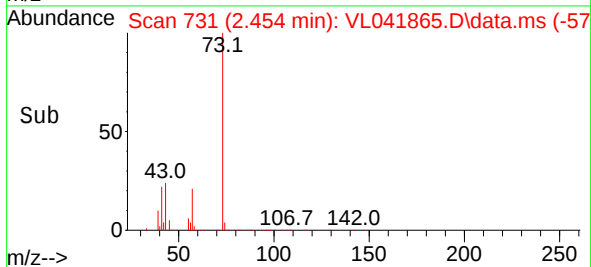
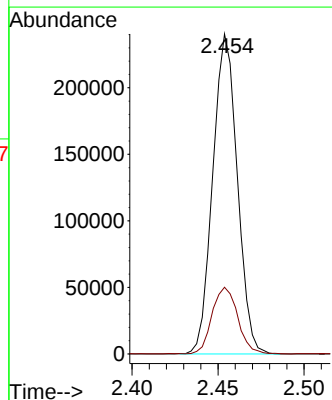
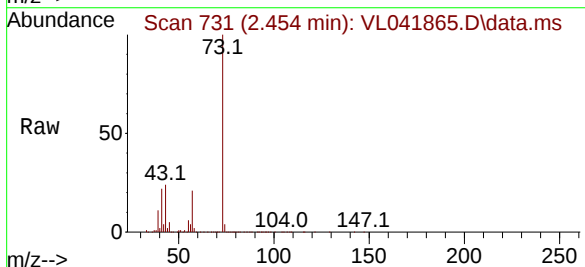
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

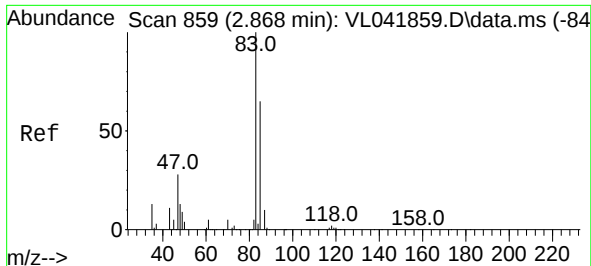
Tgt Ion: 76 Resp: 327476
Ion Ratio Lower Upper
76 100
44 18.6 13.1 19.7
78 11.3 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 21.502 ppbv
RT: 2.454 min Scan# 731
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 73 Resp: 238377
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3





#29

Chloroform

Concen: 16.603 ppbv

RT: 2.865 min Scan# 859

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

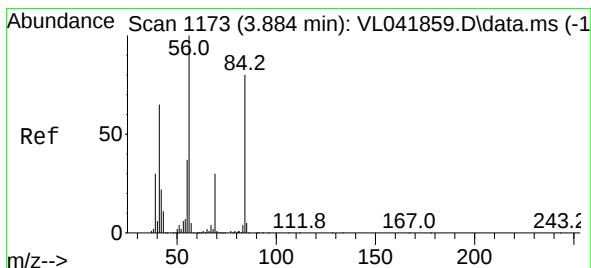
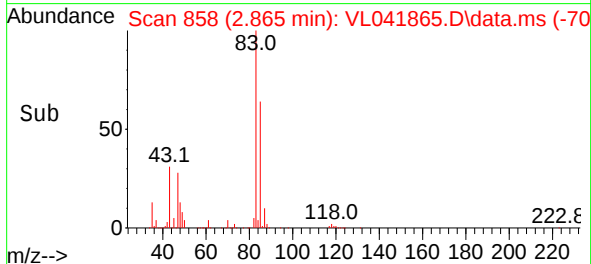
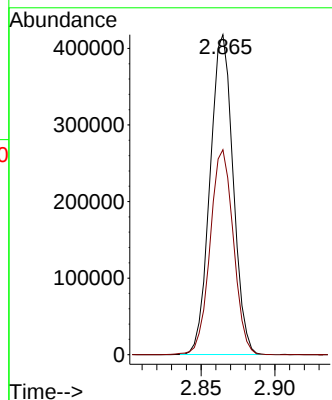
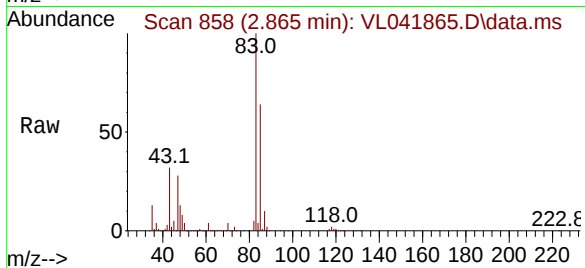
VSTDIC015

Tgt Ion: 83 Resp: 453699

Ion Ratio Lower Upper

83 100

85 64.1 51.7 77.5



#30

Cyclohexane

Concen: 25.428 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

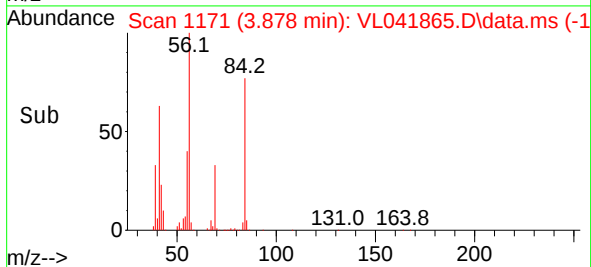
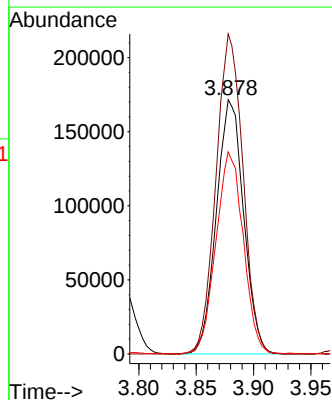
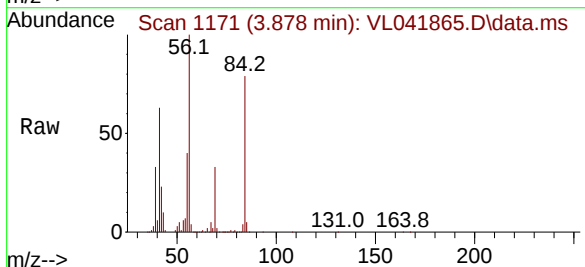
Tgt Ion: 84 Resp: 283640

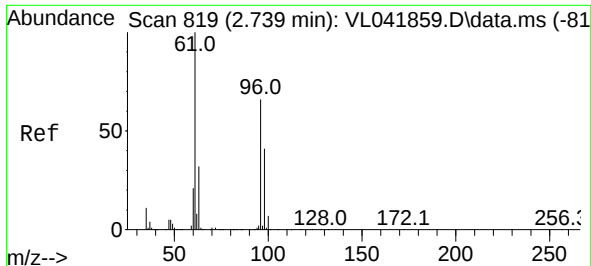
Ion Ratio Lower Upper

84 100

56 124.6 100.7 151.1

41 79.6 62.8 94.2





#31

cis-1,2-Dichloroethene

Concen: 21.076 ppbv

RT: 2.735 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

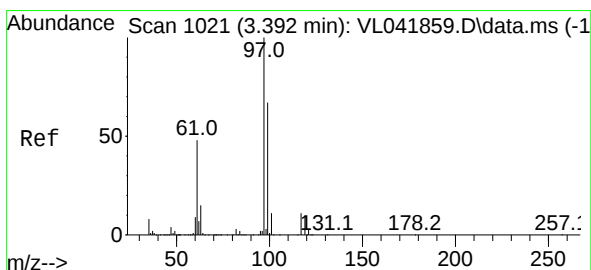
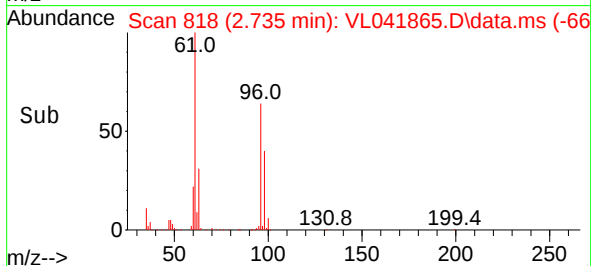
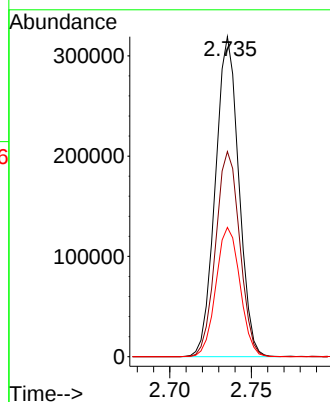
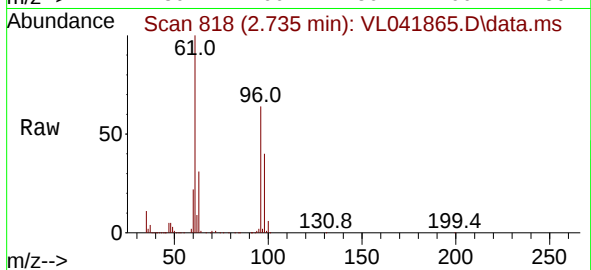
Tgt Ion: 61 Resp: 319115

Ion Ratio Lower Upper

61 100

96 64.1 53.2 79.8

98 40.4 32.5 48.7



#32

1,1,1-Trichloroethane

Concen: 18.862 ppbv

RT: 3.389 min Scan# 1020

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

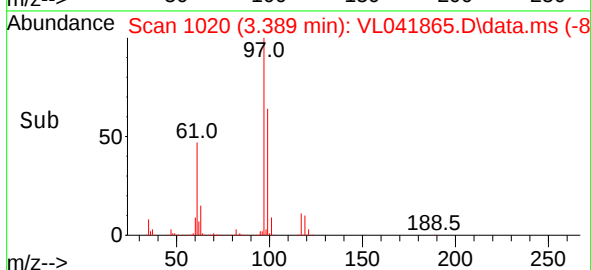
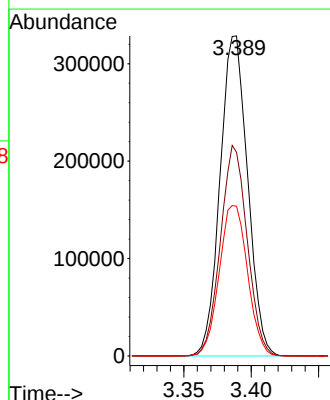
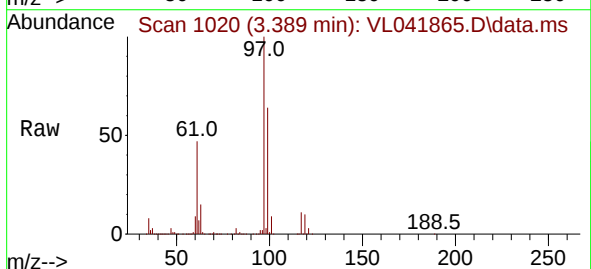
Tgt Ion: 97 Resp: 467121

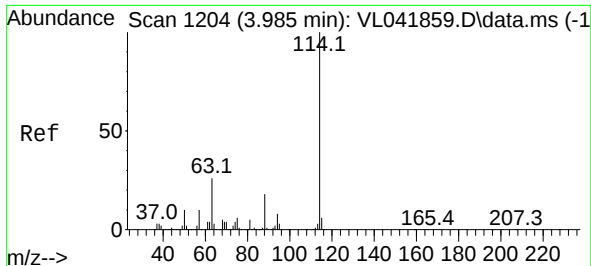
Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 48.4 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

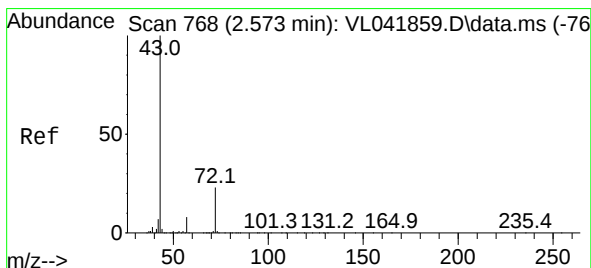
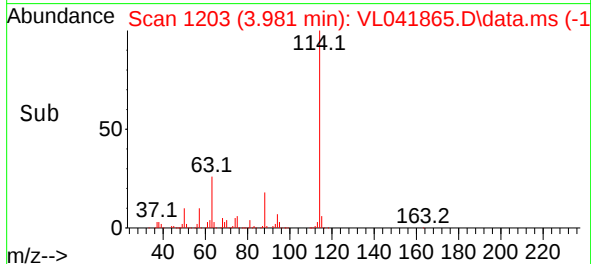
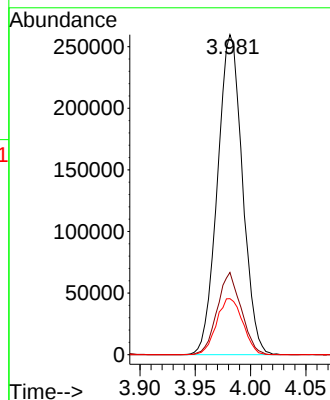
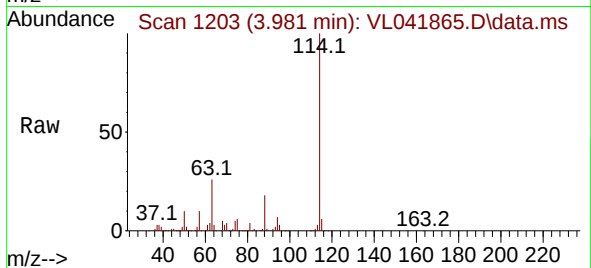
Tgt Ion:114 Resp: 407583

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 18.4 14.6 21.8



#34

2-Butanone

Concen: 14.548 ppbv

RT: 2.570 min Scan# 767

Delta R.T. -0.003 min

Lab File: VL041865.D

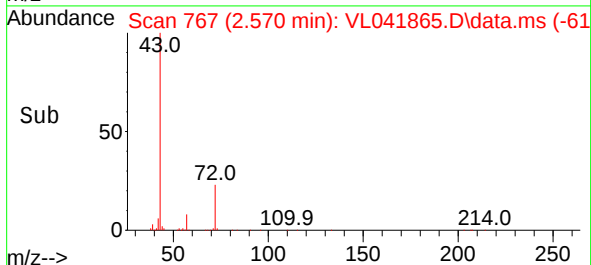
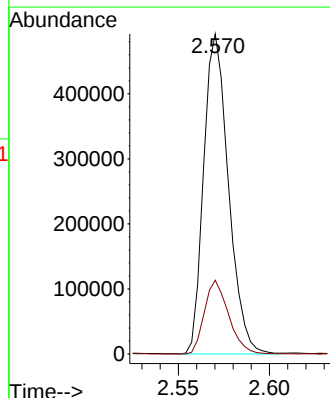
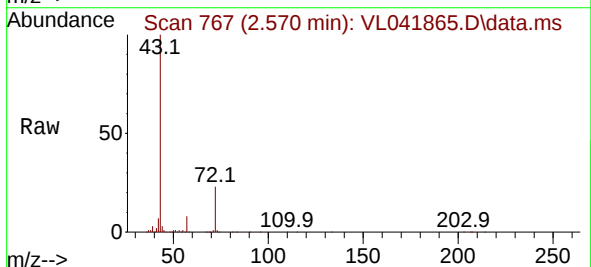
Acq: 09 Jan 2025 14:27

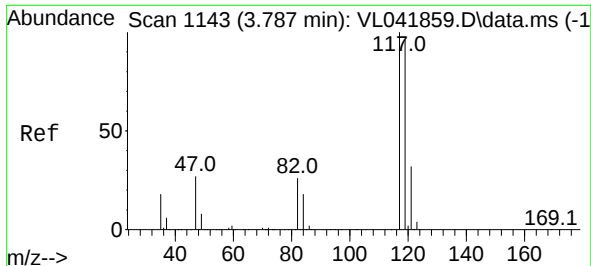
Tgt Ion: 43 Resp: 467080

Ion Ratio Lower Upper

43 100

72 22.5 18.5 27.7

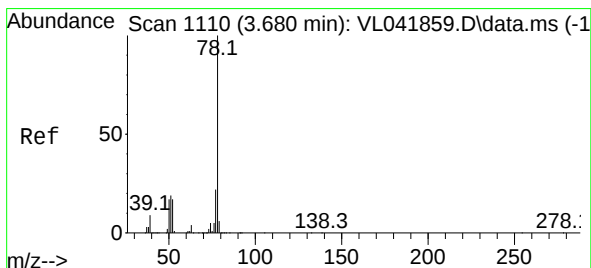
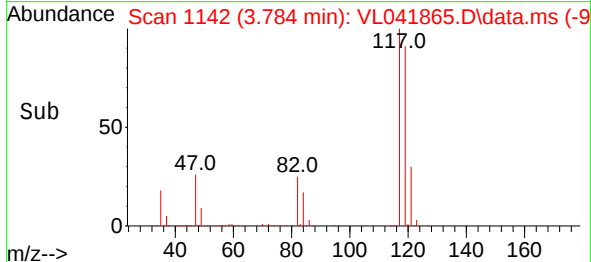
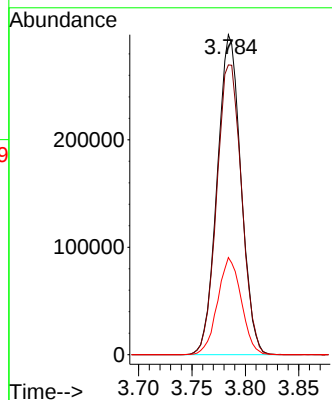
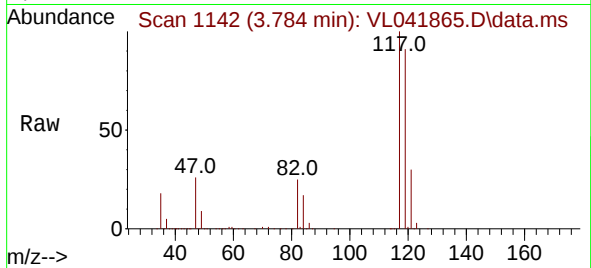




#35
Carbon Tetrachloride
Concen: 14.959 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

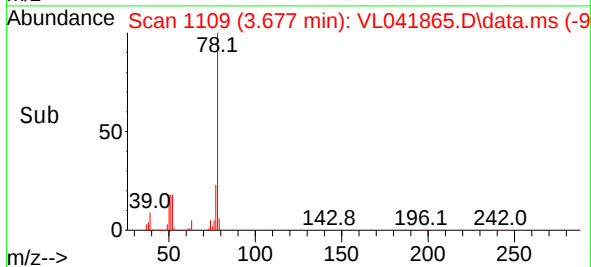
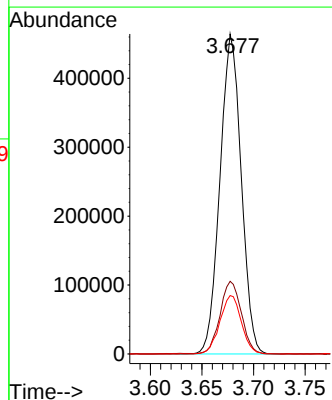
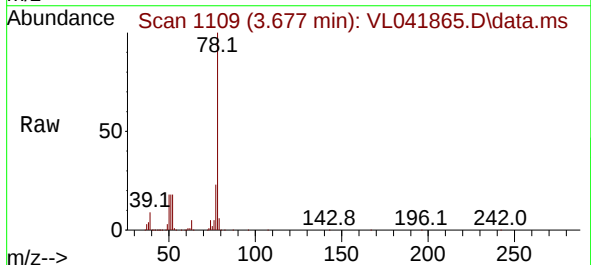
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

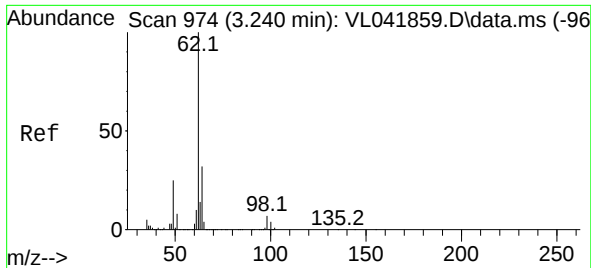
Tgt Ion:117 Resp: 460791
Ion Ratio Lower Upper
117 100
119 90.5 76.9 115.3
121 30.3 25.9 38.9



#36
Benzene
Concen: 17.053 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 78 Resp: 663984
Ion Ratio Lower Upper
78 100
77 22.7 17.9 26.9
50 18.2 13.7 20.5





#37

1,2-Dichloroethane

Concen: 13.820 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

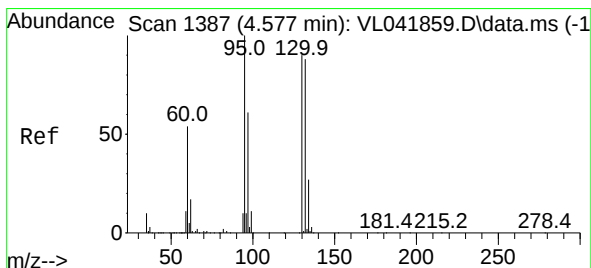
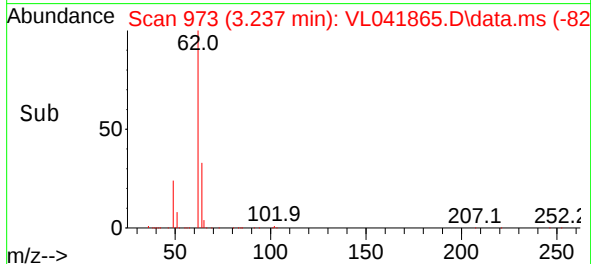
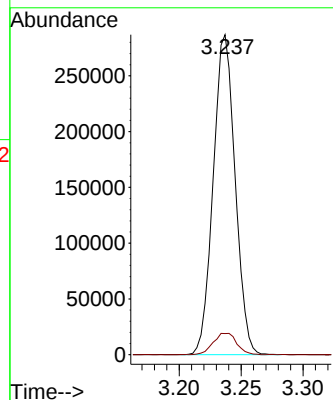
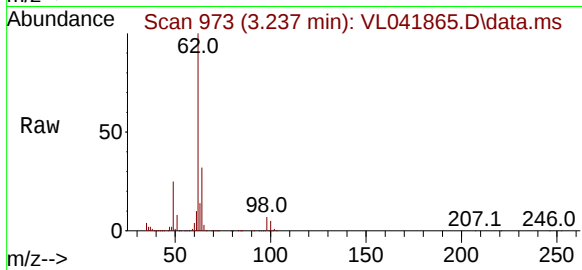
VSTDIC015

Tgt Ion: 62 Resp: 353759

Ion Ratio Lower Upper

62 100

98 7.2 5.6 8.4



#38

Trichloroethene

Concen: 17.563 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Tgt Ion:130 Resp: 262977

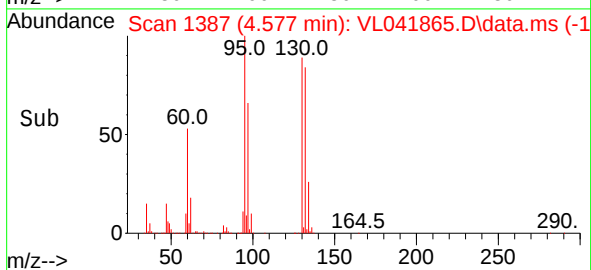
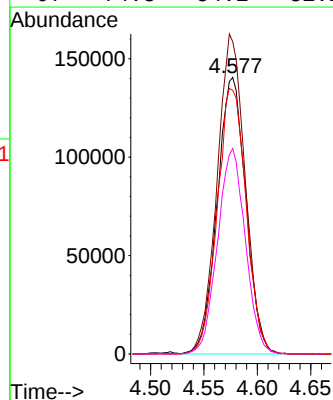
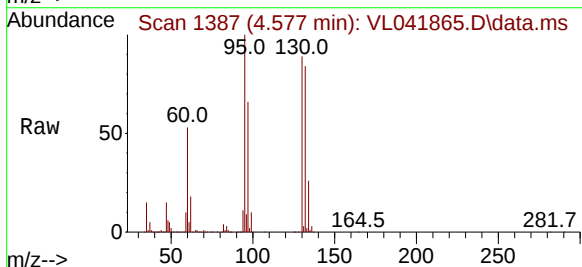
Ion Ratio Lower Upper

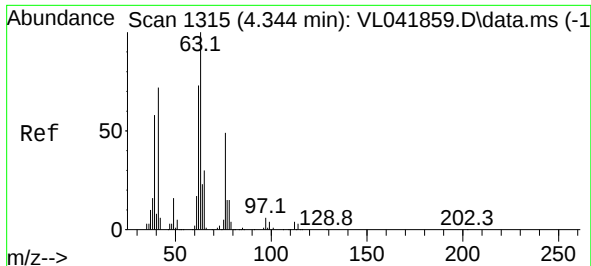
130 100

95 112.7 88.5 132.7

132 95.3 78.2 117.2

97 74.3 54.2 81.2





#39

1,2-Dichloropropane

Concen: 15.832 ppbv

RT: 4.341 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

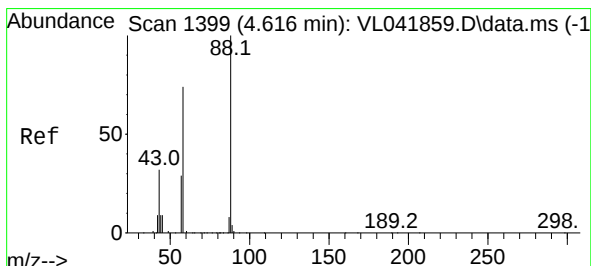
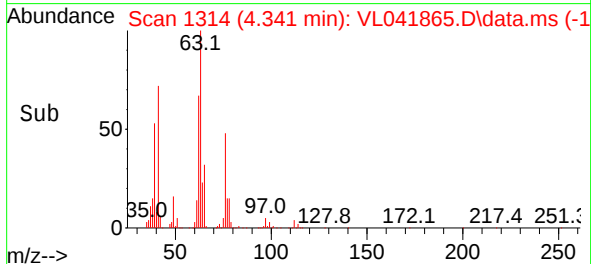
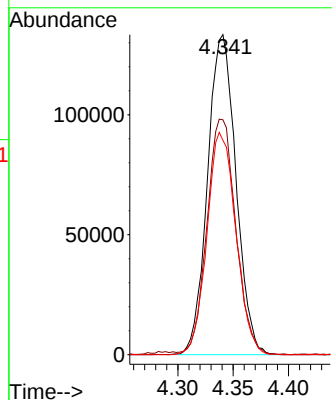
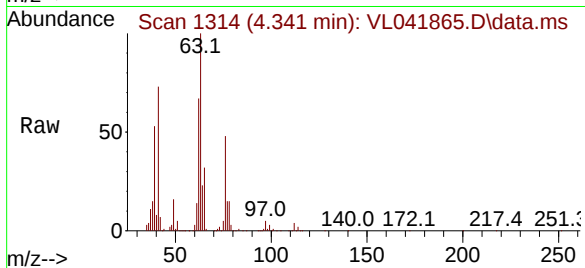
Tgt Ion: 63 Resp: 238460

Ion Ratio Lower Upper

63 100

41 73.3 58.0 87.0

62 66.9 58.6 87.8



#40

1,4-Dioxane

Concen: 20.147 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Tgt Ion: 88 Resp: 117449

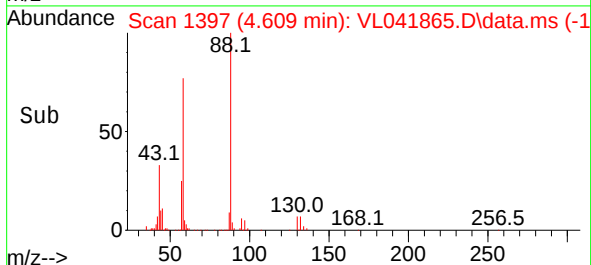
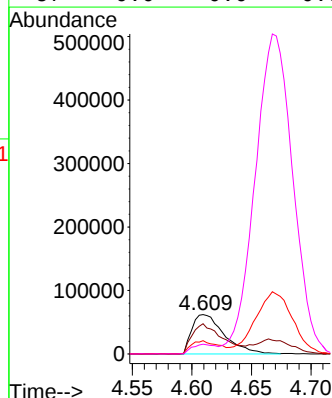
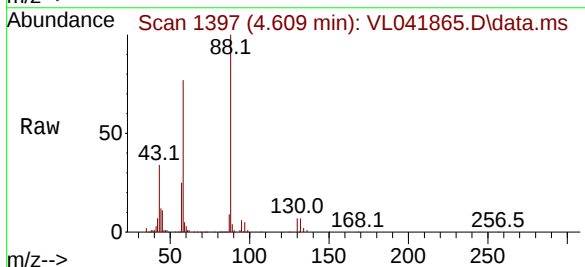
Ion Ratio Lower Upper

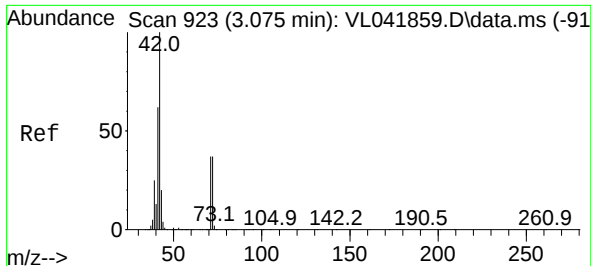
88 100

58 73.1 52.2 78.4

43 32.1 0.0 0.0#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 18.107 ppbv

RT: 3.072 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

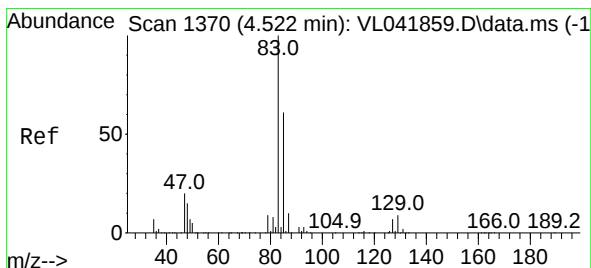
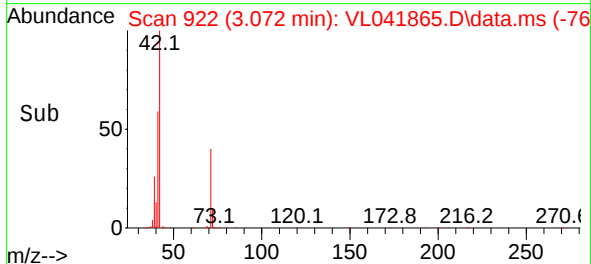
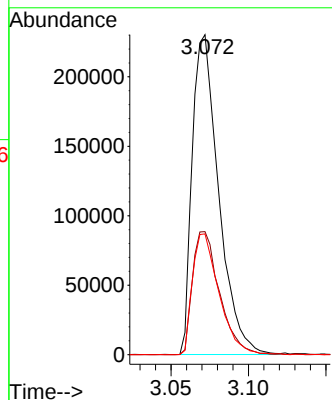
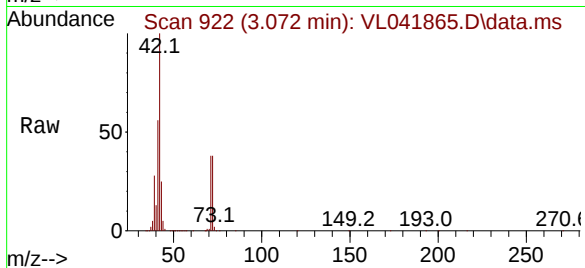
Tgt Ion: 42 Resp: 273858

Ion Ratio Lower Upper

42 100

72 39.3 30.8 46.2

71 38.1 30.1 45.1



#42

Bromodichloromethane

Concen: 16.892 ppbv

RT: 4.515 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

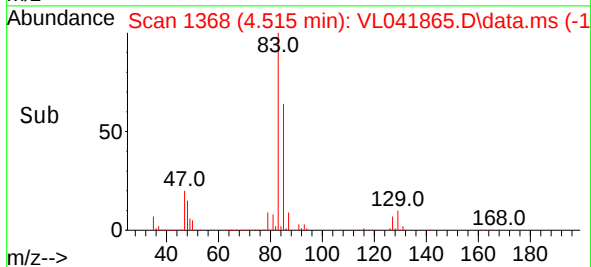
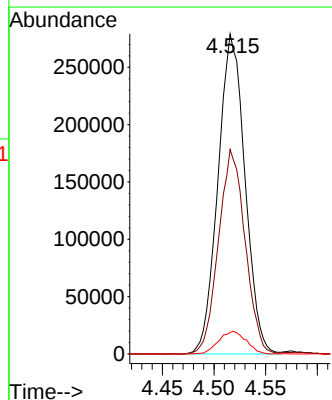
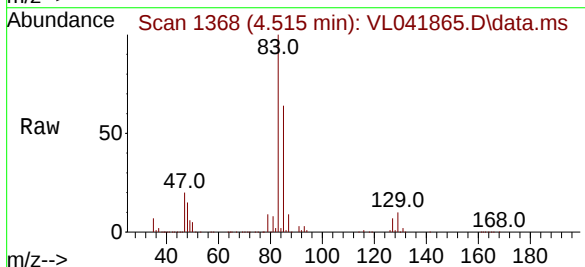
Tgt Ion: 83 Resp: 507098

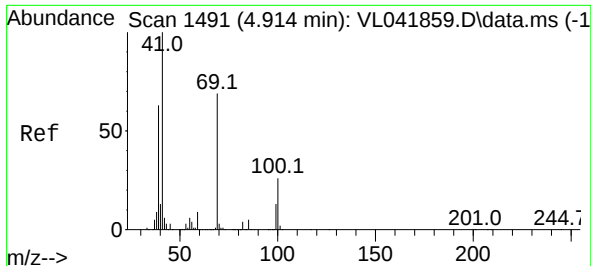
Ion Ratio Lower Upper

83 100

85 63.9 48.9 73.3

127 6.7 5.4 8.2

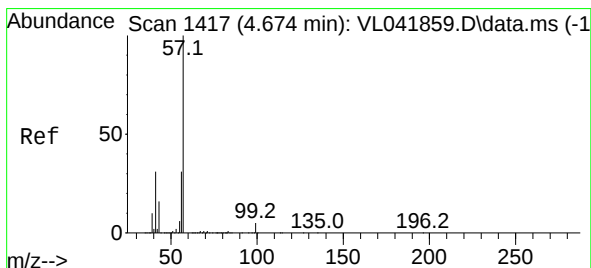
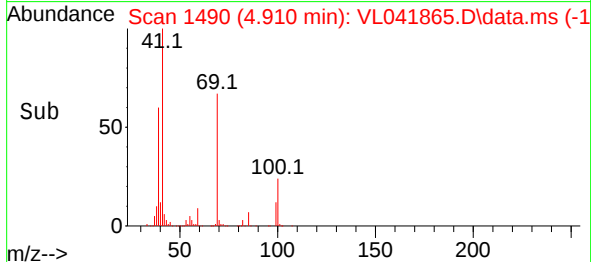
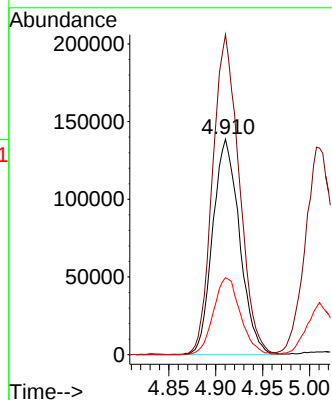
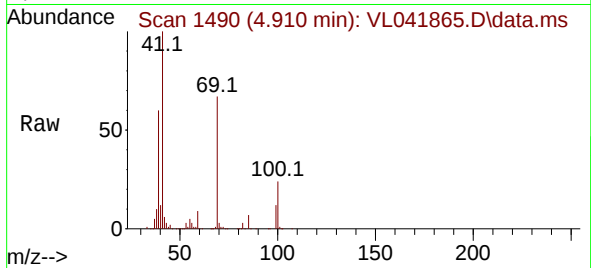




#43
Methyl Methacrylate
Concen: 22.609 ppbv
RT: 4.910 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

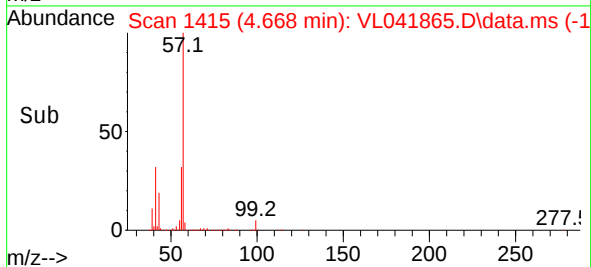
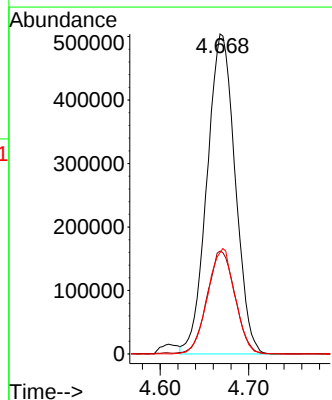
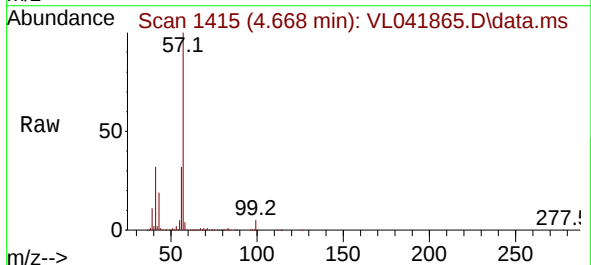
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

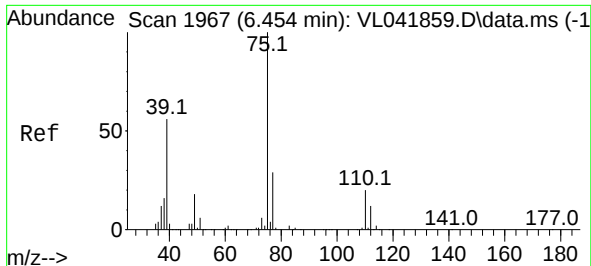
Tgt Ion: 69 Resp: 276446
Ion Ratio Lower Upper
69 100
41 146.4 116.2 174.4
100 35.8 29.8 44.8



#44
2,2,4-Trimethylpentane
Concen: 17.341 ppbv
RT: 4.668 min Scan# 1415
Delta R.T. -0.006 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 57 Resp: 1112501
Ion Ratio Lower Upper
57 100
41 32.3 25.5 38.3
56 32.0 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 24.306 ppbv

RT: 6.448 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

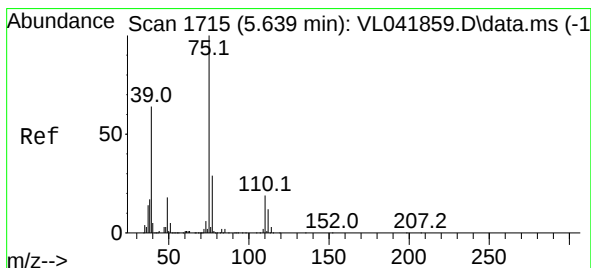
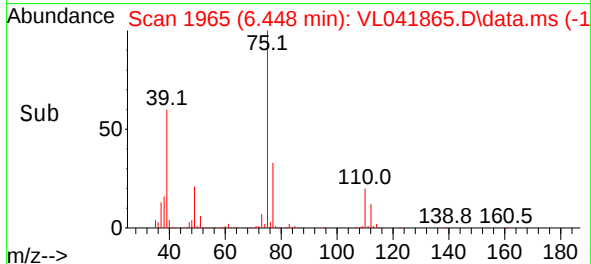
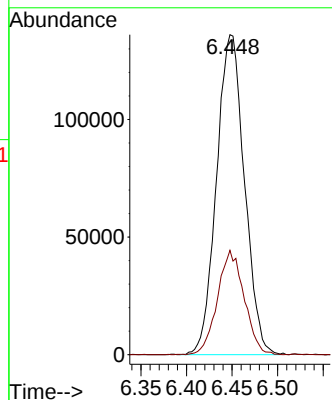
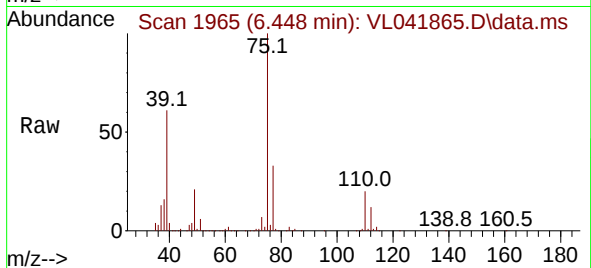
VSTDIC015

Tgt Ion: 75 Resp: 290137

Ion Ratio Lower Upper

75 100

77 32.6 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 23.570 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

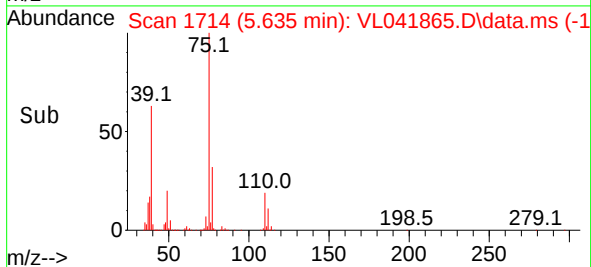
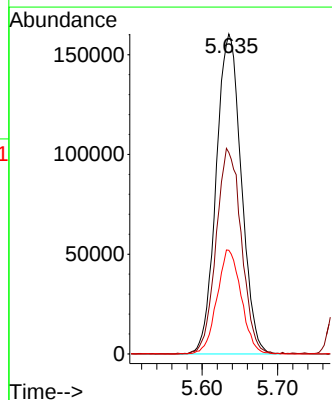
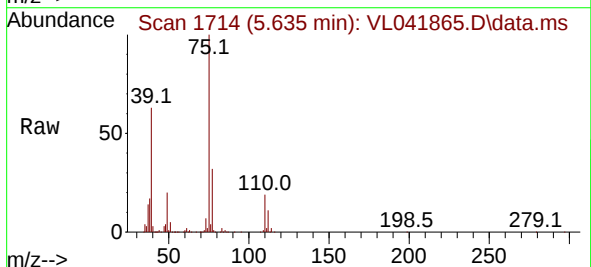
Tgt Ion: 75 Resp: 370479

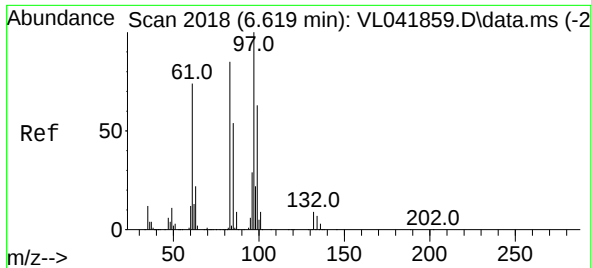
Ion Ratio Lower Upper

75 100

39 62.8 51.4 77.2

77 32.3 23.0 34.4

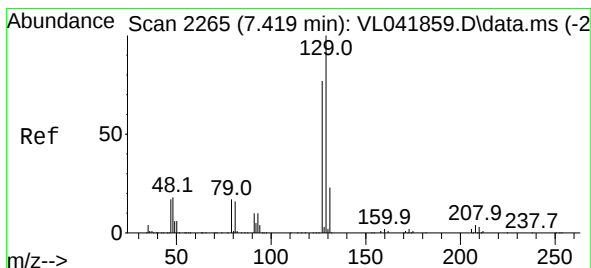
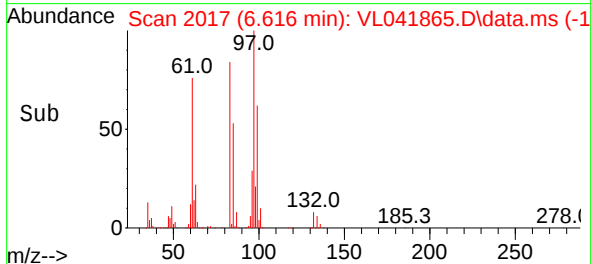
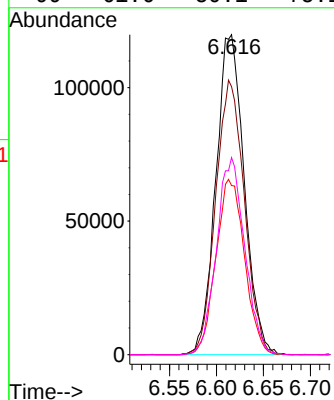
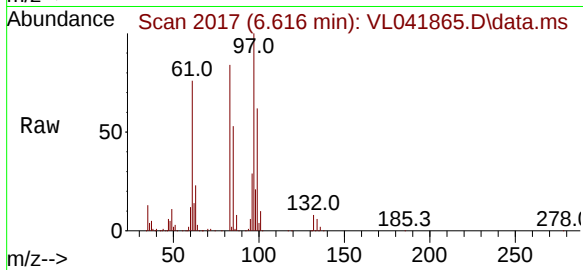




#47
1,1,2-Trichloroethane
Concen: 15.853 ppbv
RT: 6.616 min Scan# 2017
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

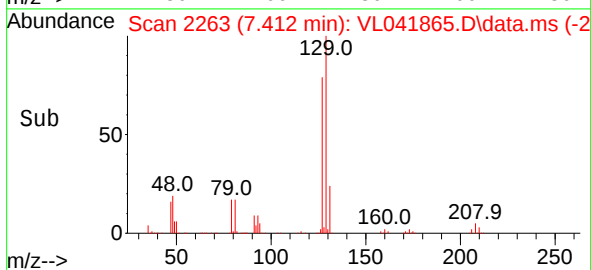
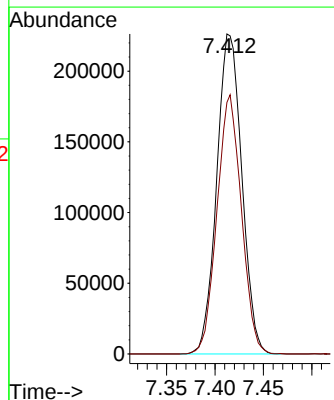
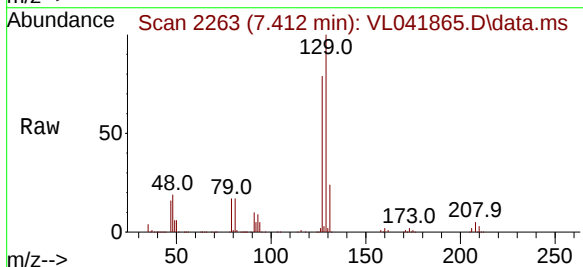
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

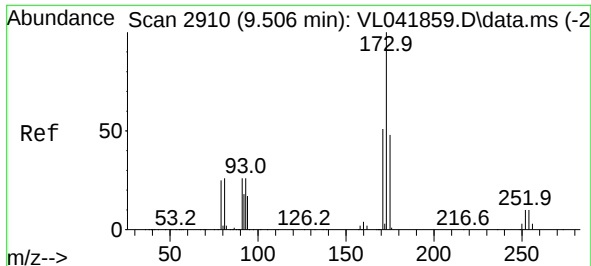
Tgt Ion: 97 Resp: 252224
Ion Ratio Lower Upper
97 100
83 83.7 68.1 102.1
85 52.8 43.4 65.2
99 61.6 50.1 75.1



#48
Dibromochloromethane
Concen: 20.167 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. -0.006 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 129 Resp: 408959
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

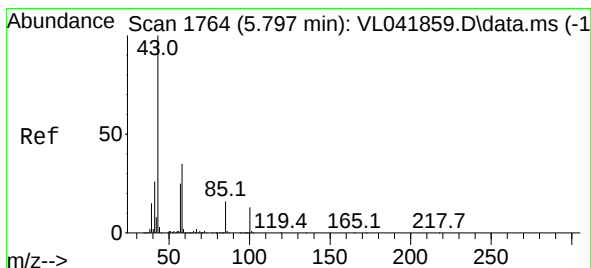
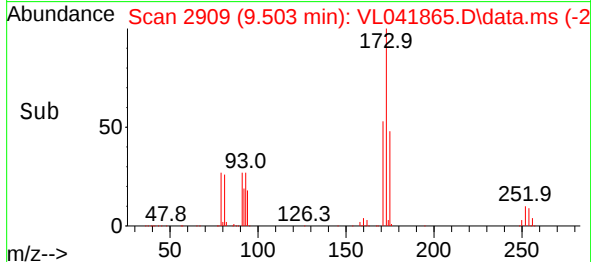
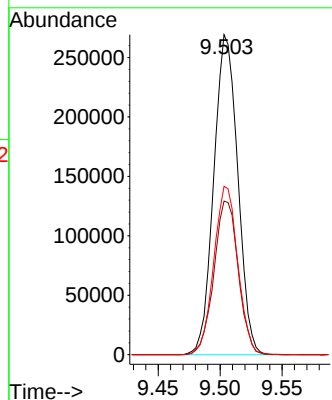
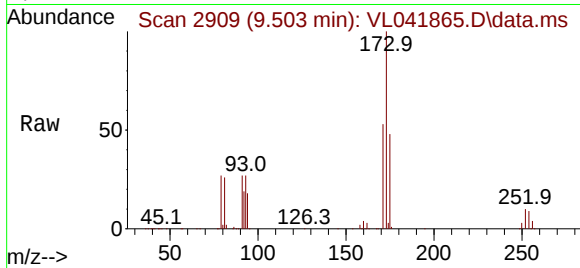




#49
Bromoform
Concen: 22.331 ppbv
RT: 9.503 min Scan# 2910
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

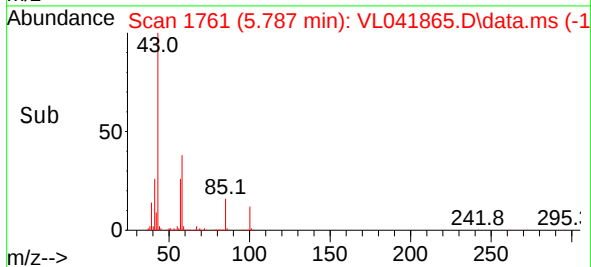
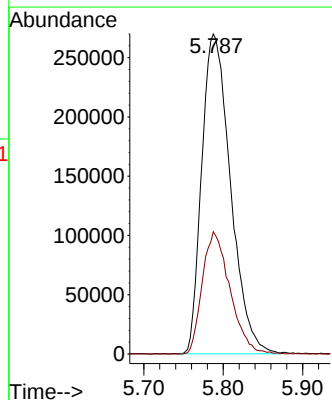
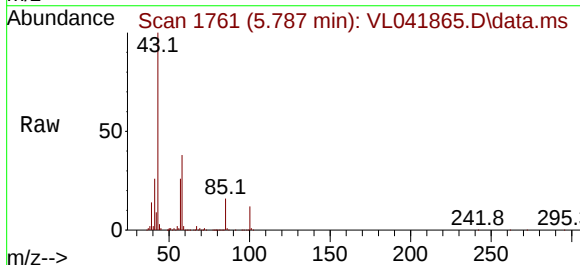
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

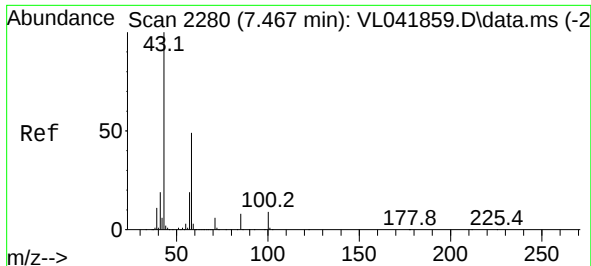
Tgt Ion:173 Resp: 362905
Ion Ratio Lower Upper
173 100
175 48.8 38.2 57.2
171 52.7 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 18.323 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. -0.010 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 43 Resp: 680330
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2

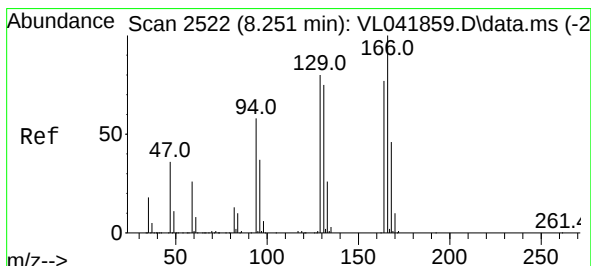
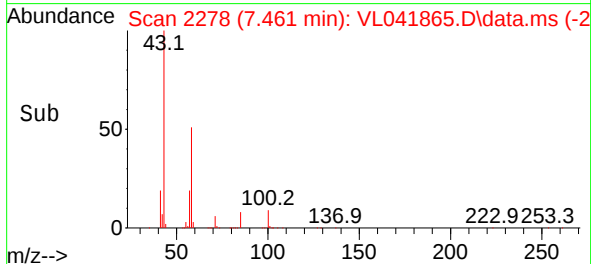
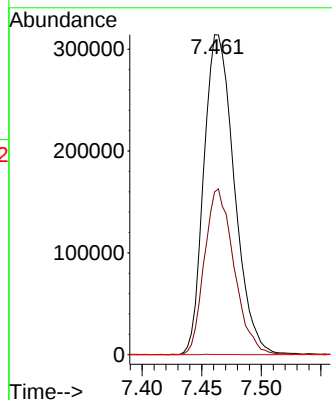
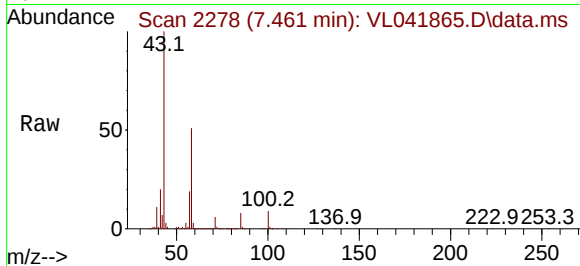




#51
2-Hexanone
Concen: 19.852 ppbv
RT: 7.461 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

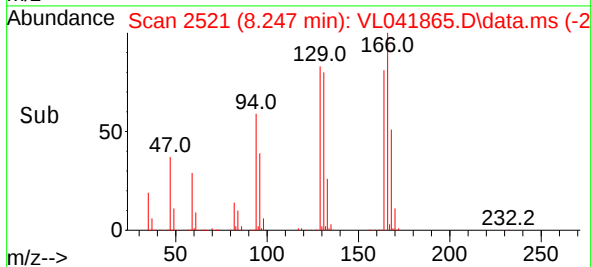
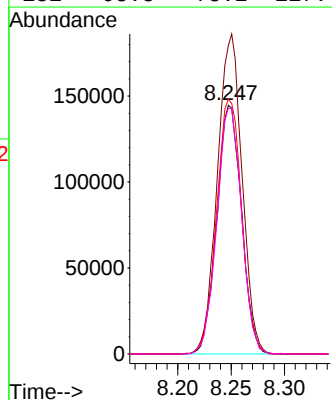
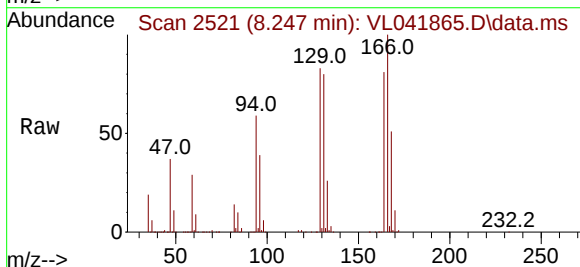
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

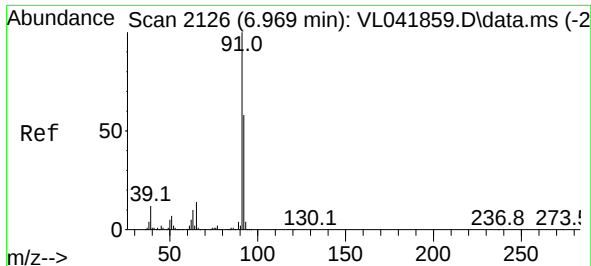
Tgt Ion: 43 Resp: 557793
Ion Ratio Lower Upper
43 100
58 50.6 40.0 60.0
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 20.239 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 164 Resp: 233663
Ion Ratio Lower Upper
164 100
166 124.1 103.6 155.4
129 102.5 82.6 123.8
131 98.8 78.2 117.4





#53

Toluene

Concen: 22.983 ppbv

RT: 6.966 min Scan# 2126

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

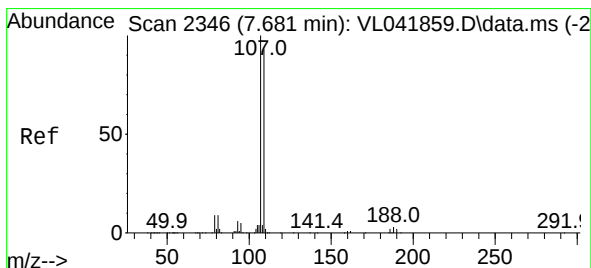
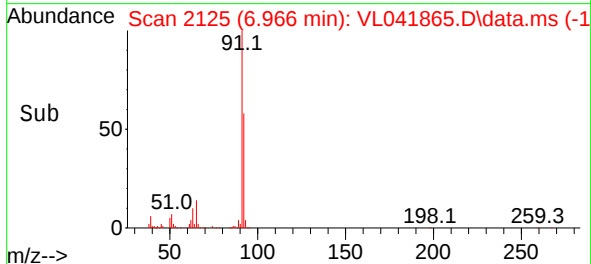
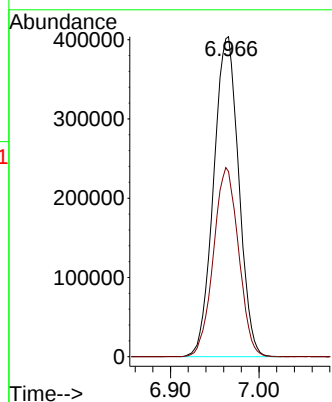
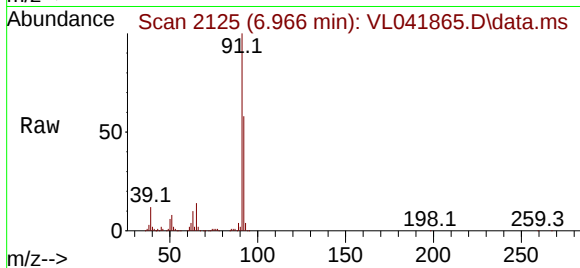
VSTDIC015

Tgt Ion: 91 Resp: 796461

Ion Ratio Lower Upper

91 100

92 59.2 47.2 70.8



#54

1,2-Dibromoethane

Concen: 18.098 ppbv

RT: 7.678 min Scan# 2345

Delta R.T. -0.003 min

Lab File: VL041865.D

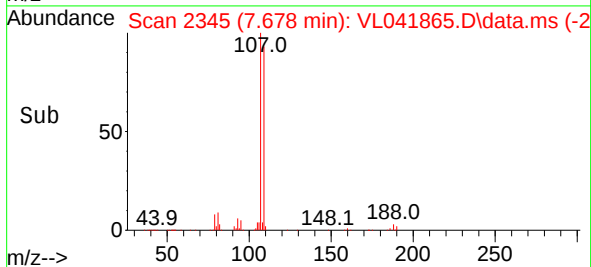
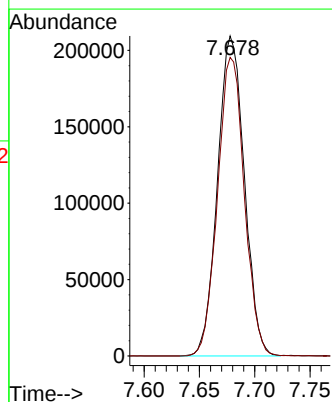
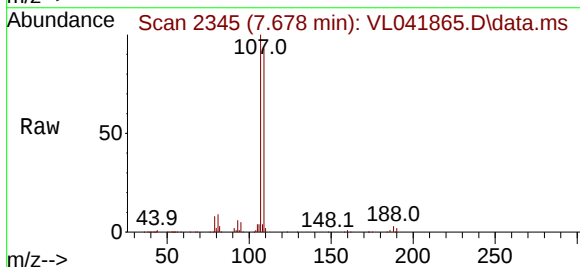
Acq: 09 Jan 2025 14:27

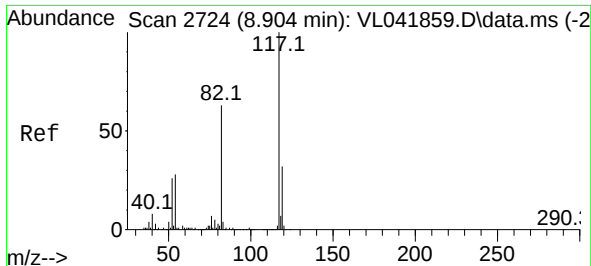
Tgt Ion: 107 Resp: 353045

Ion Ratio Lower Upper

107 100

109 93.3 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

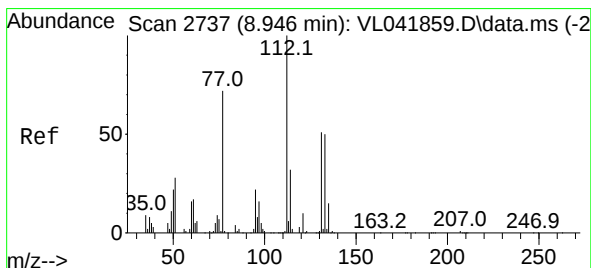
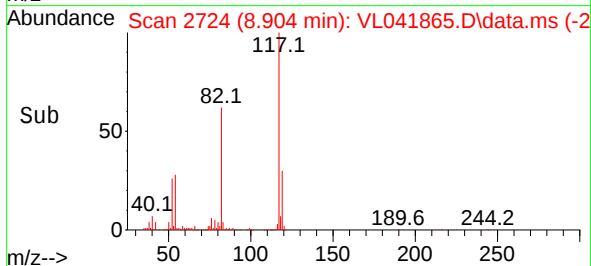
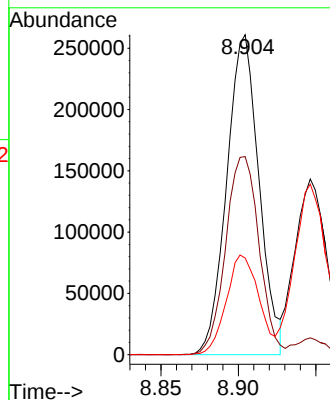
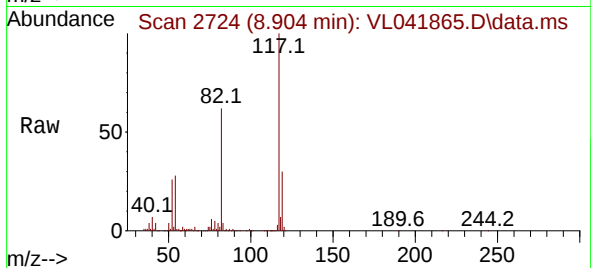
Tgt Ion:117 Resp: 378604

Ion Ratio Lower Upper

117 100

82 69.1 54.5 81.7

119 30.9 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 14.760 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

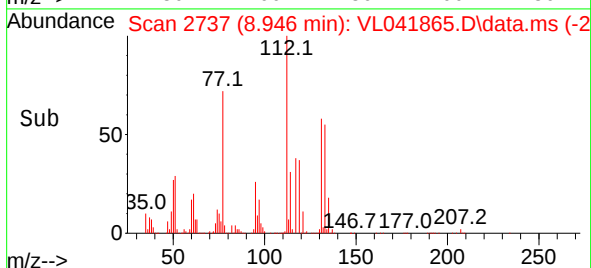
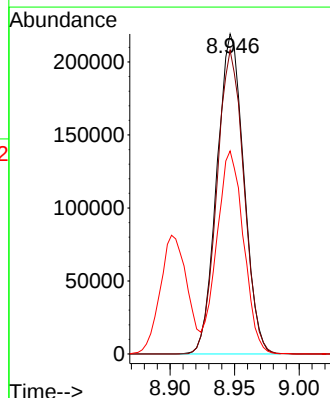
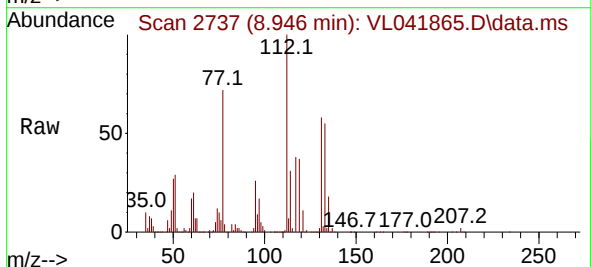
Tgt Ion:131 Resp: 318489

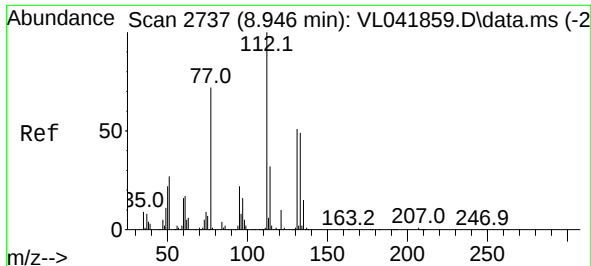
Ion Ratio Lower Upper

131 100

133 95.2 77.4 116.2

119 62.9 49.4 74.0

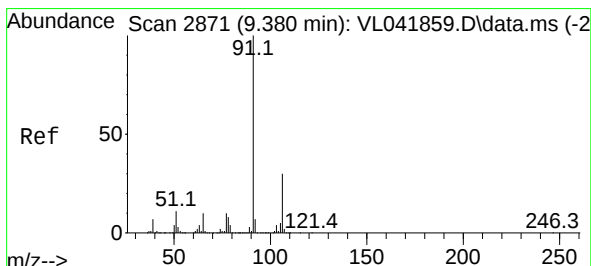
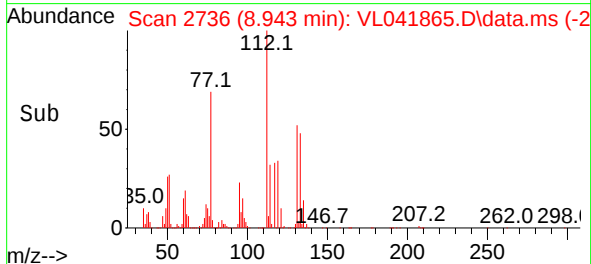
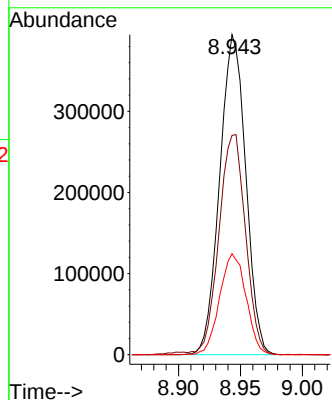
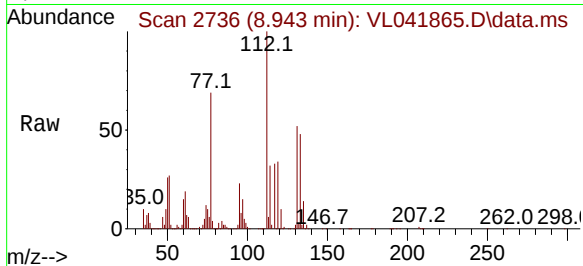




#57
Chlorobenzene
Concen: 14.632 ppbv
RT: 8.943 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

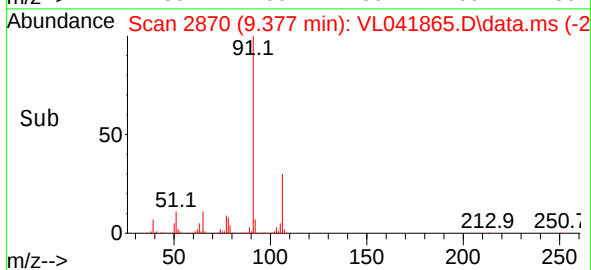
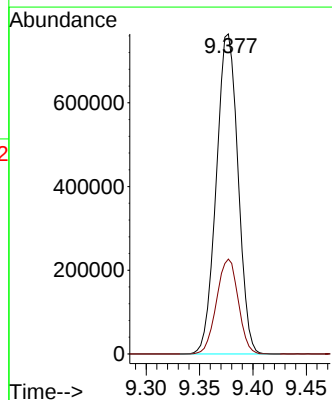
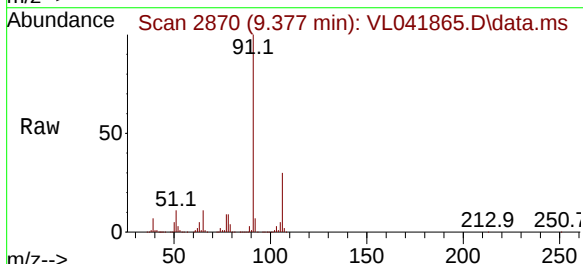
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

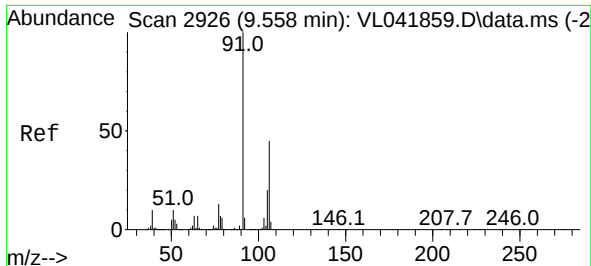
Tgt Ion:112 Resp: 578775
Ion Ratio Lower Upper
112 100
77 68.6 58.3 87.5
114 31.6 28.9 35.3



#58
Ethyl Benzene
Concen: 20.954 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 91 Resp: 1081235
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2





#59

m/p-Xylene

Concen: 18.893 ppbv

RT: 9.555 min Scan# 2926

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_1

ClientSampleId :

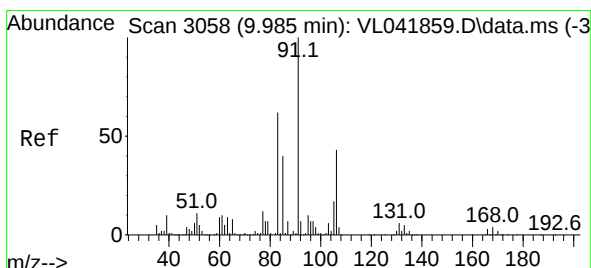
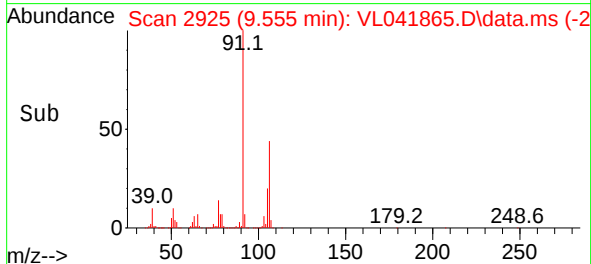
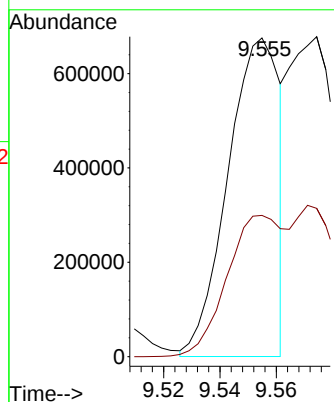
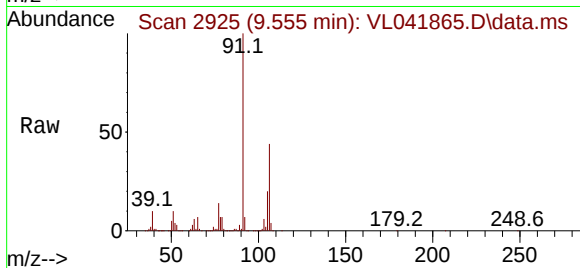
VSTDIC015

Tgt Ion: 91 Resp: 858880

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 18.971 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.000 min

Lab File: VL041865.D

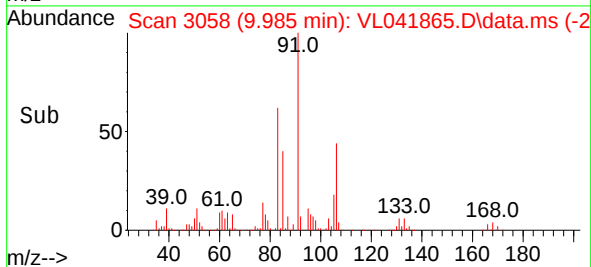
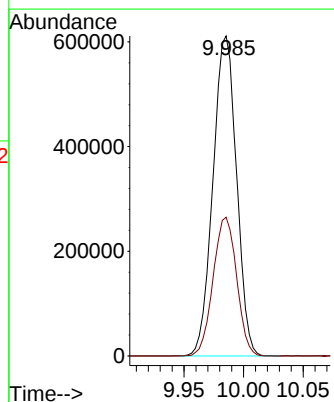
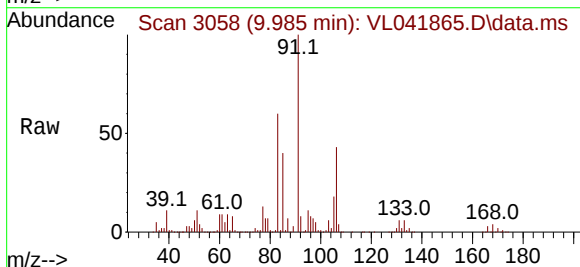
Acq: 09 Jan 2025 14:27

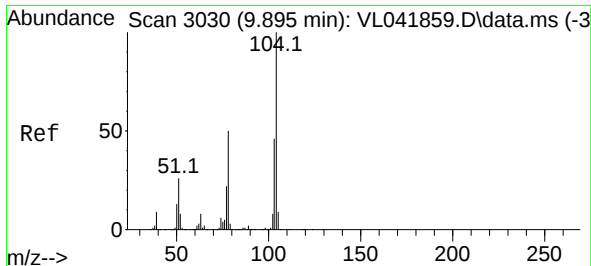
Tgt Ion: 91 Resp: 840494

Ion Ratio Lower Upper

91 100

106 43.3 21.4 64.3

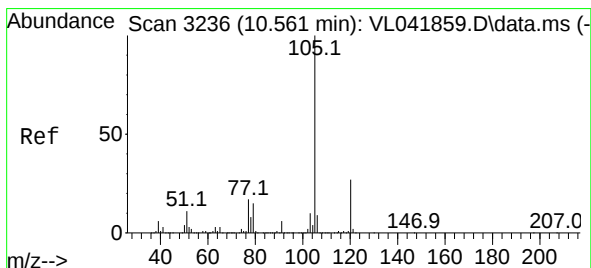
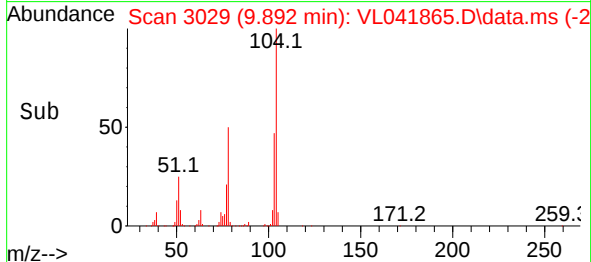
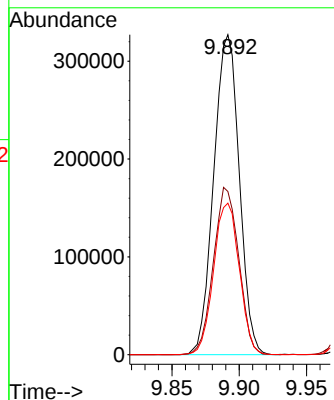
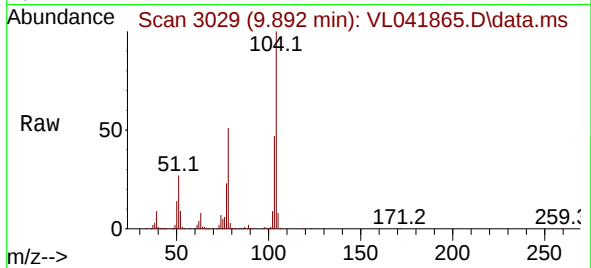




#61
Styrene
Concen: 25.091 ppbv
RT: 9.892 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

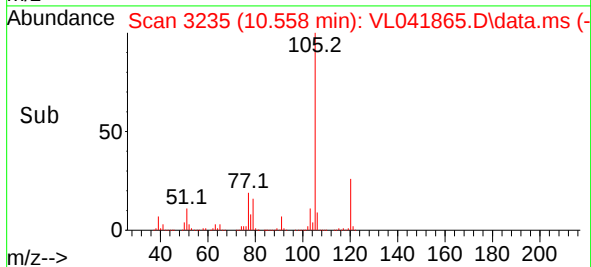
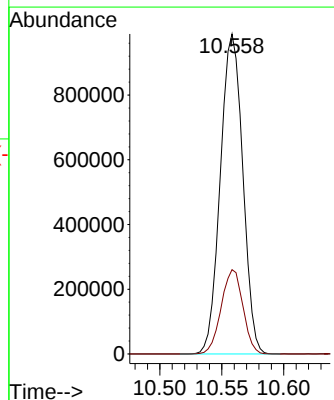
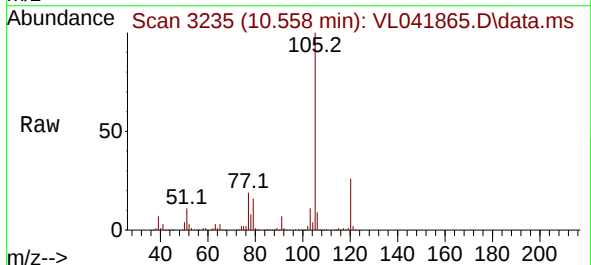
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

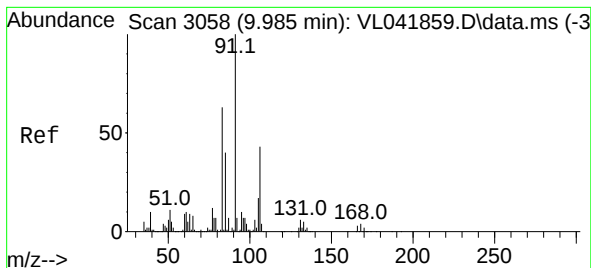
Tgt Ion:104 Resp: 431280
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 47.8 37.0 55.6



#62
Isopropylbenzene
Concen: 17.917 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion:105 Resp: 1247161
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 12.770 ppbv

RT: 9.982 min Scan# 3058

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

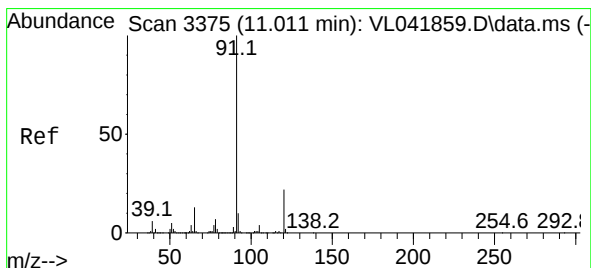
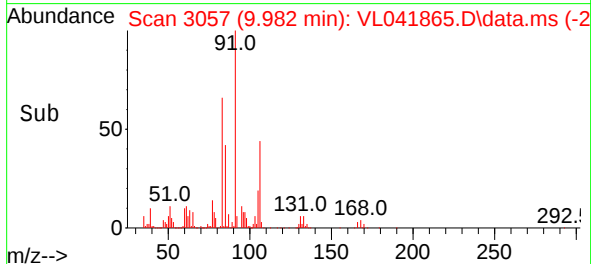
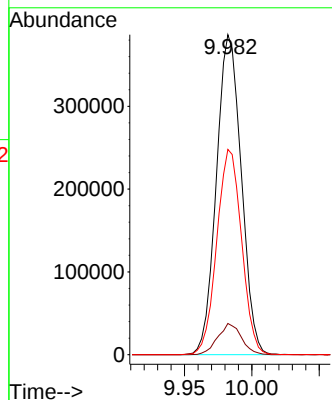
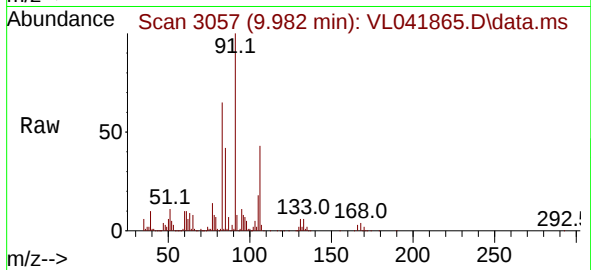
Tgt Ion: 83 Resp: 496124

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

85 63.9 32.1 96.3



#64

n-propylbenzene

Concen: 18.308 ppbv

RT: 11.008 min Scan# 3374

Delta R.T. -0.003 min

Lab File: VL041865.D

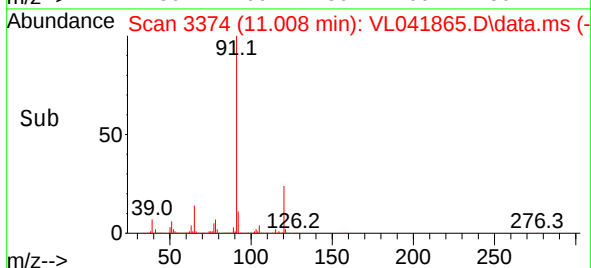
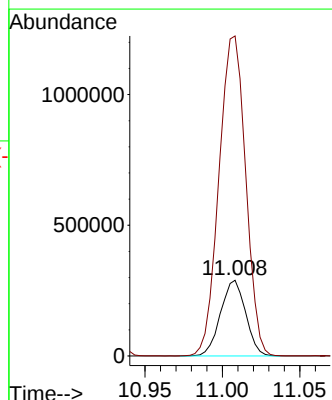
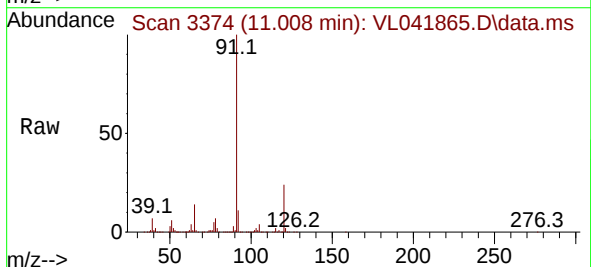
Acq: 09 Jan 2025 14:27

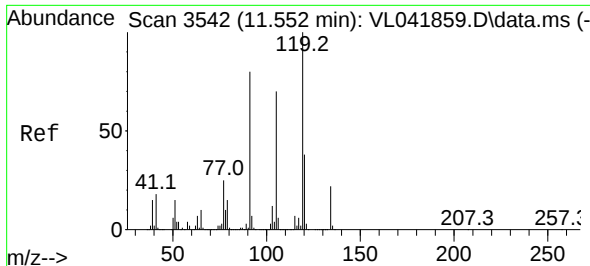
Tgt Ion:120 Resp: 326937

Ion Ratio Lower Upper

120 100

91 450.0 376.9 565.3

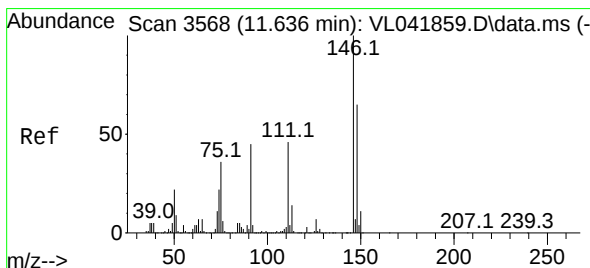
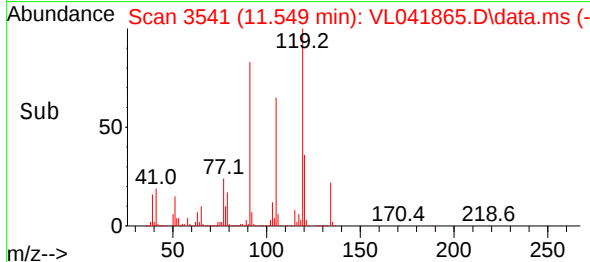
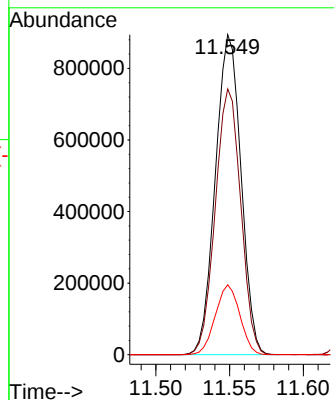
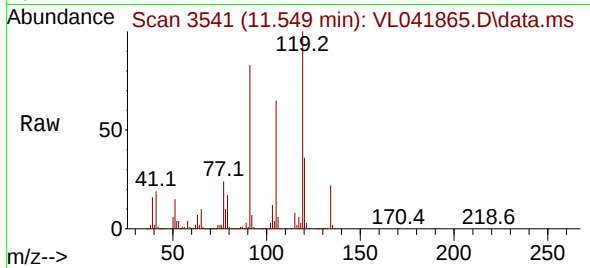




#65
tert-Butylbenzene
Concen: 17.255 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

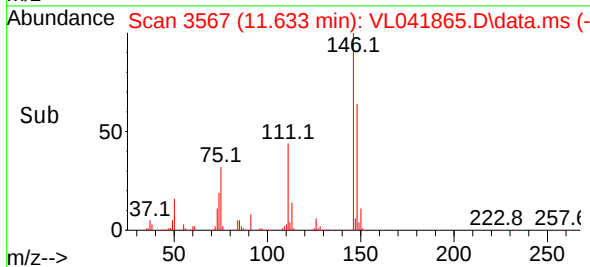
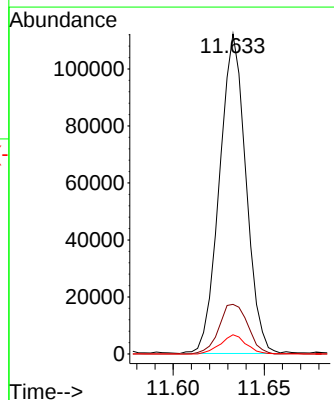
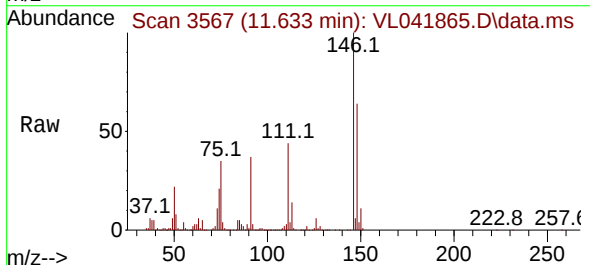
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

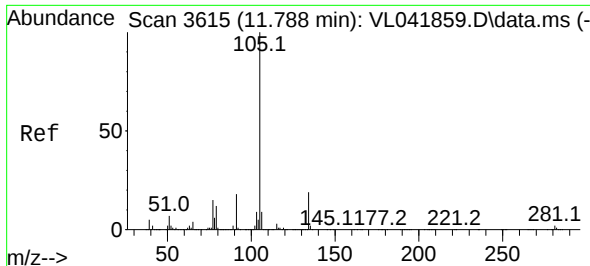
Tgt Ion:119 Resp: 1082296
Ion Ratio Lower Upper
119 100
91 82.4 64.6 97.0
134 20.8 16.9 25.3



#66
Benzyl Chloride
Concen: 21.533 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion: 91 Resp: 113138
Ion Ratio Lower Upper
91 100
126 17.0 13.9 20.9
128 5.8 4.8 7.2





#67

sec-Butylbenzene

Concen: 16.090 ppbv

RT: 11.785 min Scan# 3614

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

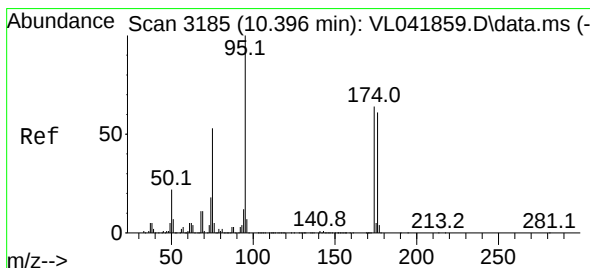
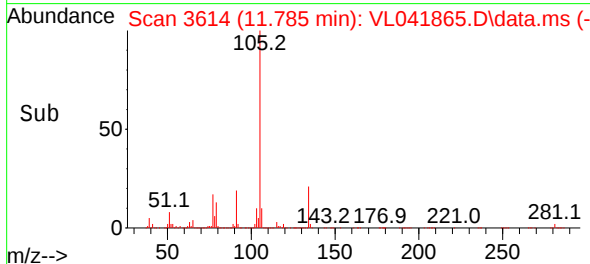
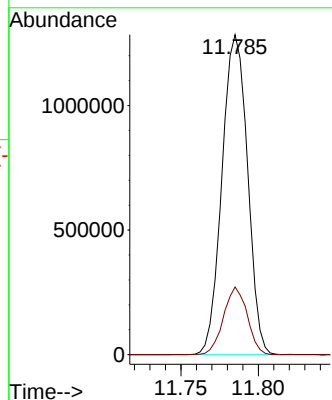
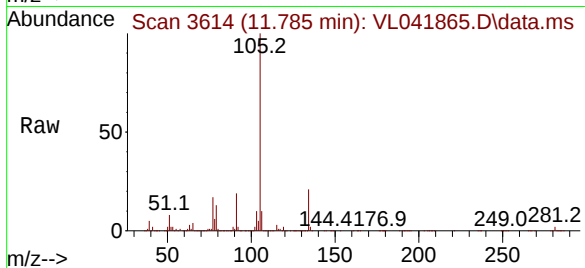
VSTDIC015

Tgt Ion:105 Resp: 1472665

Ion Ratio Lower Upper

105 100

134 19.7 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.232 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

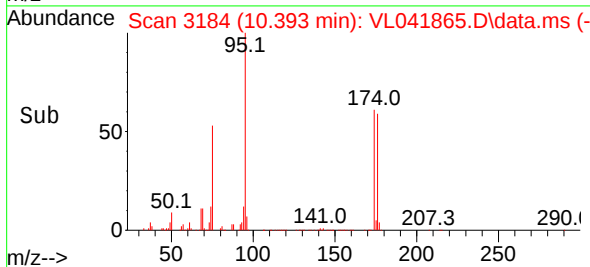
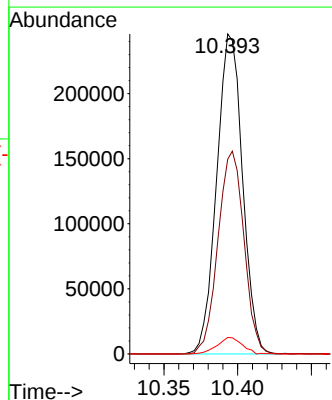
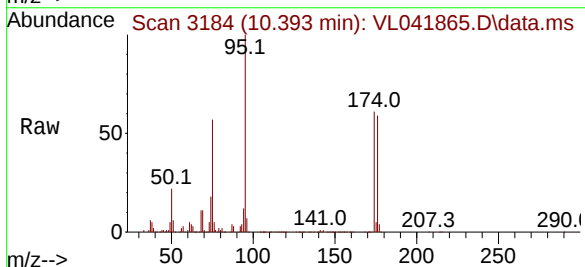
Tgt Ion: 95 Resp: 299372

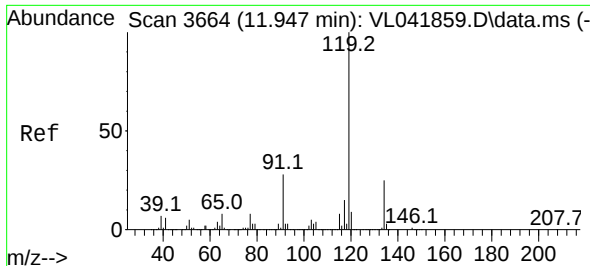
Ion Ratio Lower Upper

95 100

174 63.7 51.1 76.7

175 5.0 3.8 5.8





#69

p-Isopropyltoluene

Concen: 17.781 ppbv

RT: 11.944 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

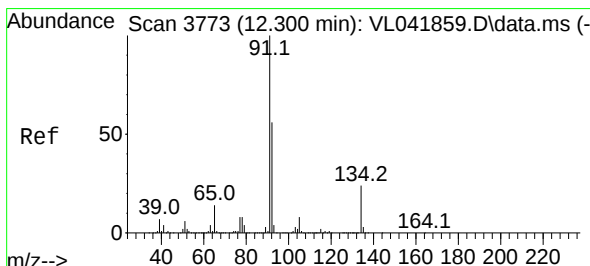
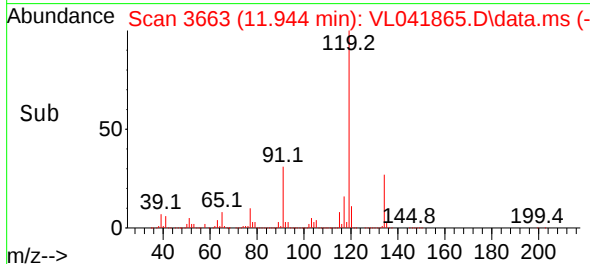
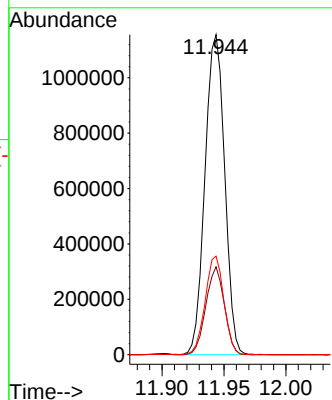
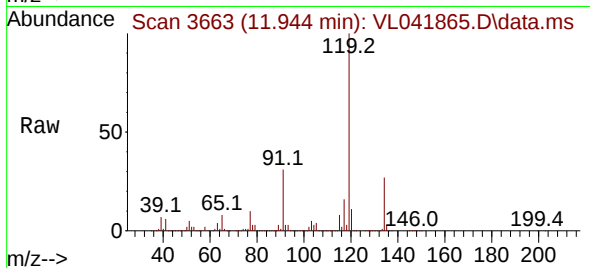
Tgt Ion:119 Resp: 1277666

Ion Ratio Lower Upper

119 100

134 25.9 20.3 30.5

91 29.3 22.6 34.0



#70

n-Butylbenzene

Concen: 17.488 ppbv

RT: 12.300 min Scan# 3773

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

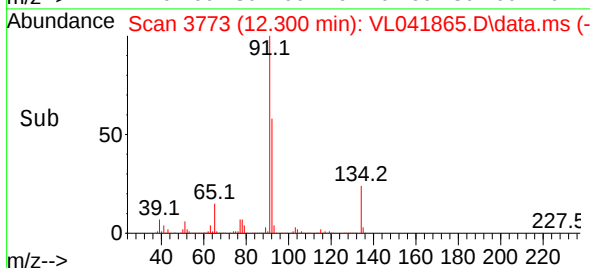
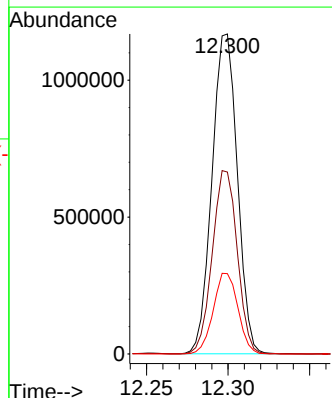
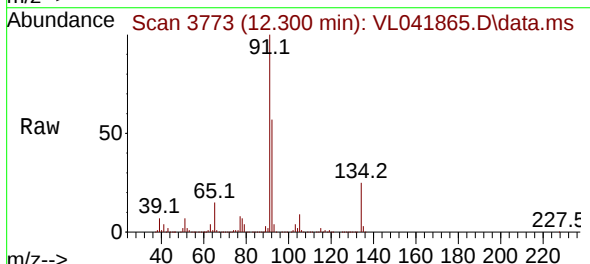
Tgt Ion: 91 Resp: 1262477

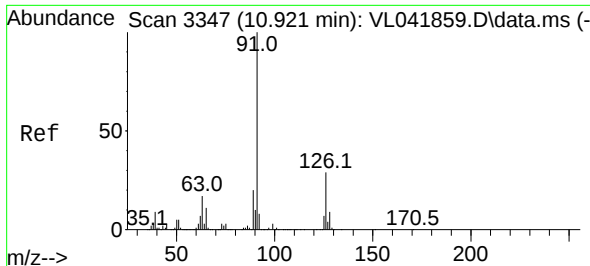
Ion Ratio Lower Upper

91 100

92 56.7 43.8 65.8

134 24.6 19.3 28.9

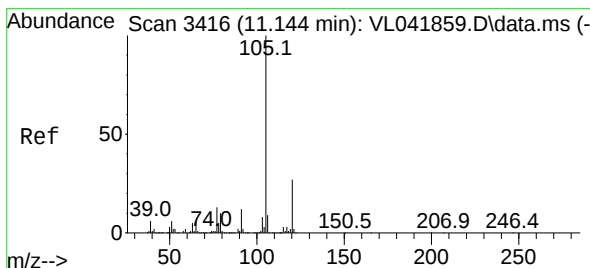
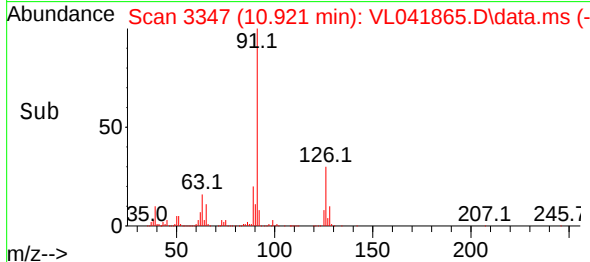
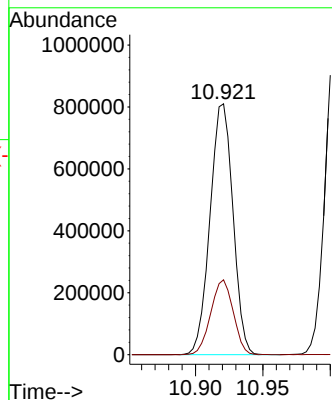
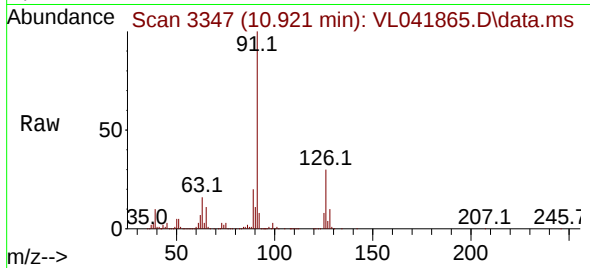




#71
2-Chlorotoluene
Concen: 18.973 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

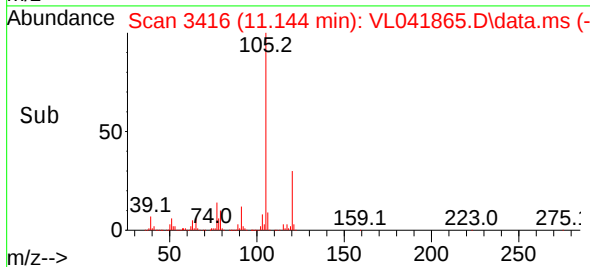
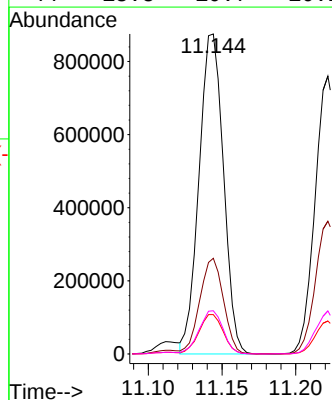
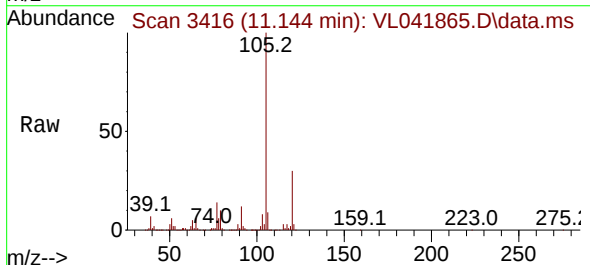
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

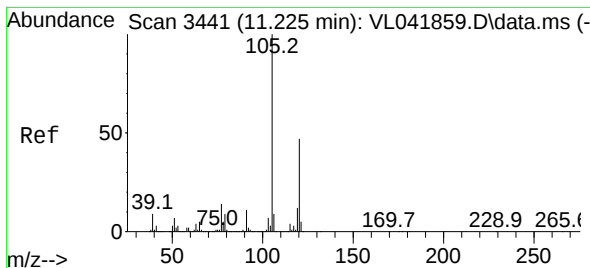
Tgt Ion: 91 Resp: 958596
Ion Ratio Lower Upper
91 100
126 29.2 11.6 46.6



#72
4-Ethyltoluene
Concen: 18.837 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion:105 Resp: 1009262
Ion Ratio Lower Upper
105 100
120 30.1 23.5 35.3
91 12.9 9.8 14.8
77 13.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 18.459 ppbv

RT: 11.222 min Scan# 3441

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

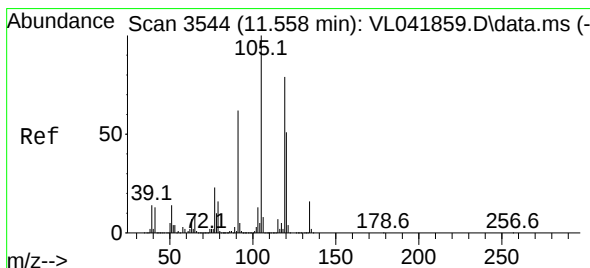
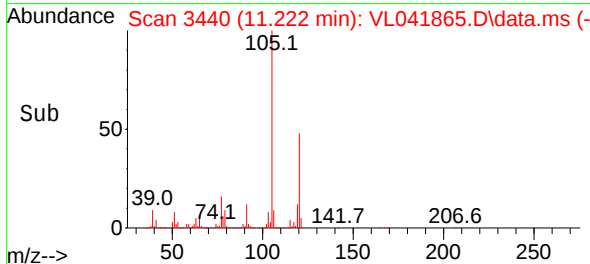
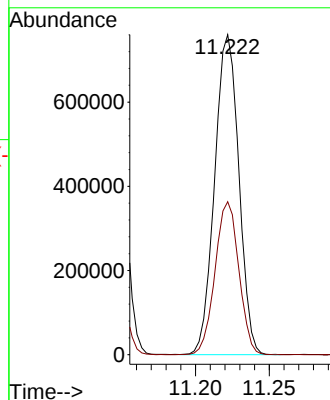
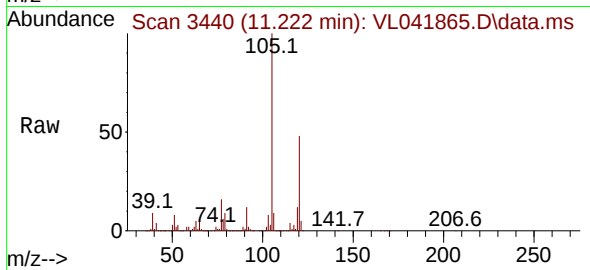
VSTDICC015

Tgt Ion:105 Resp: 866209

Ion Ratio Lower Upper

105 100

120 47.8 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 16.660 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Tgt Ion:105 Resp: 905561

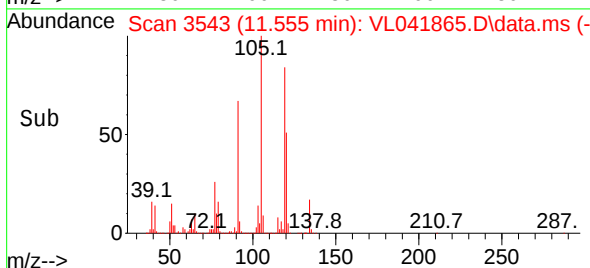
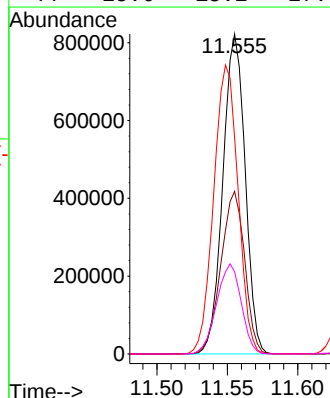
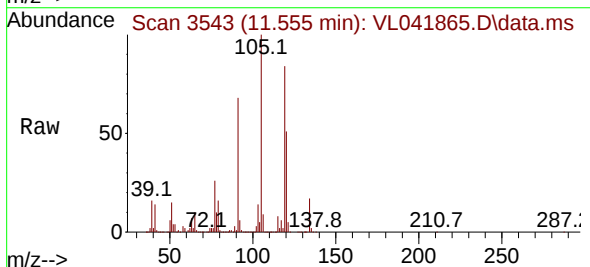
Ion Ratio Lower Upper

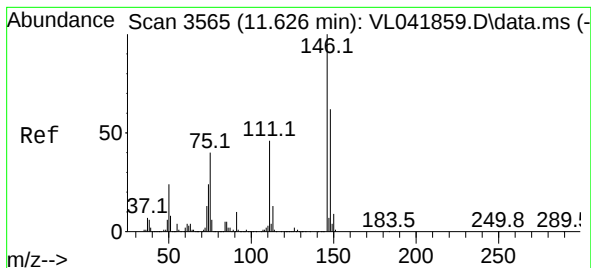
105 100

120 50.8 41.1 61.7

91 67.6 50.0 75.0

77 25.6 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 15.122 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.000 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

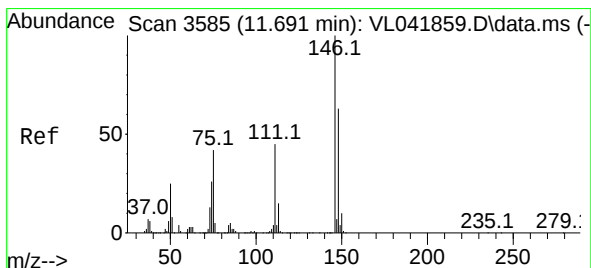
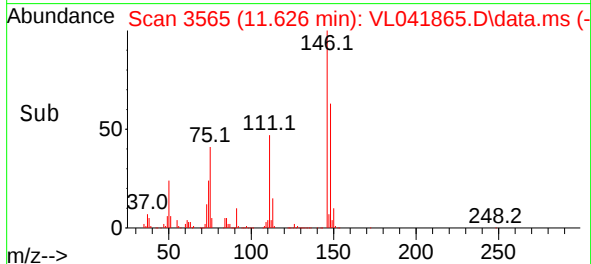
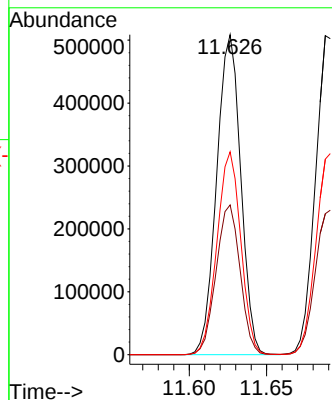
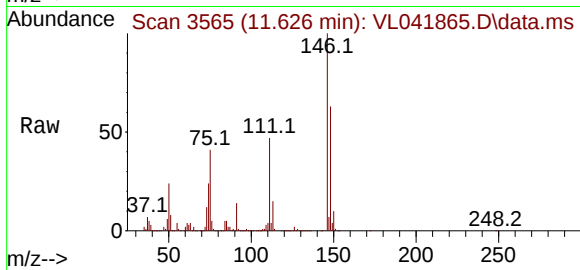
Tgt Ion:146 Resp: 550141

Ion Ratio Lower Upper

146 100

111 46.6 23.2 69.5

148 62.8 31.6 94.7



#76

1,4-Dichlorobenzene

Concen: 15.719 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. -0.003 min

Lab File: VL041865.D

Acq: 09 Jan 2025 14:27

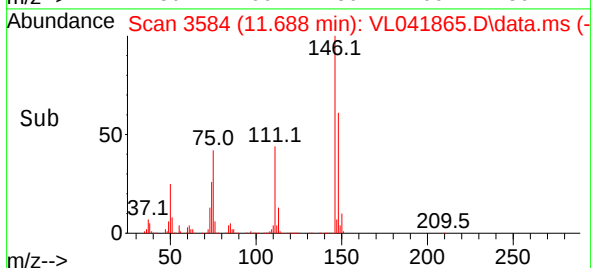
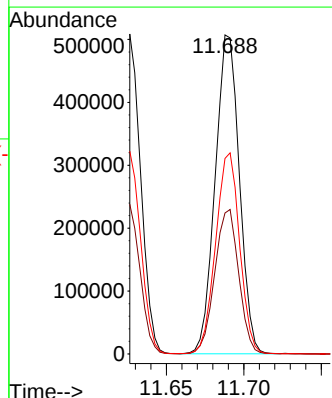
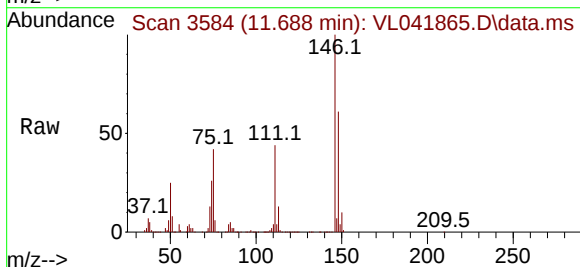
Tgt Ion:146 Resp: 550306

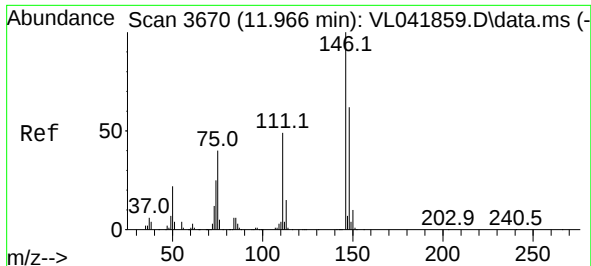
Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.1

148 62.8 31.2 93.6

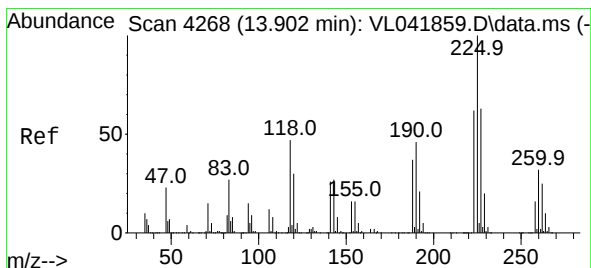
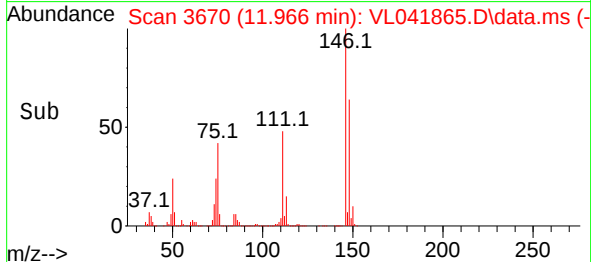
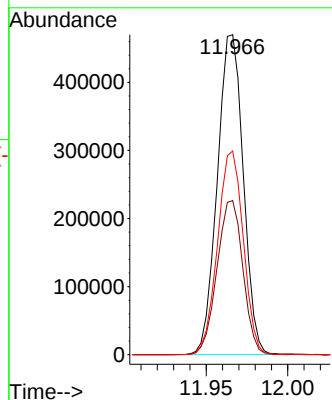
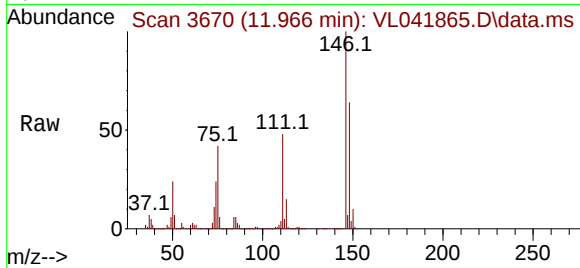




#77
1,2-Dichlorobenzene
Concen: 13.701 ppbv
RT: 11.966 min Scan# 3670
Delta R.T. 0.000 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

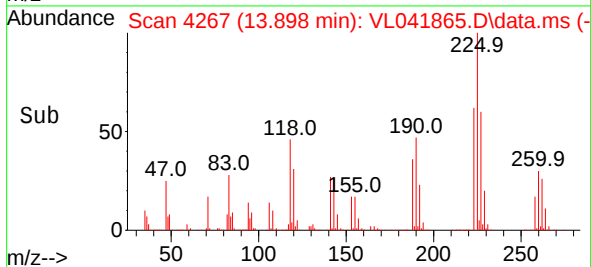
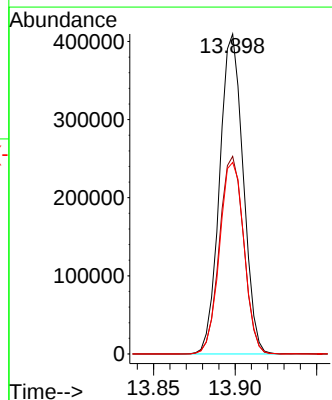
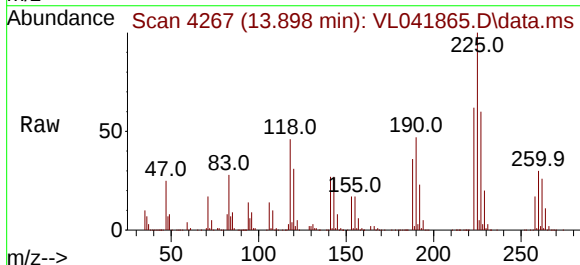
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

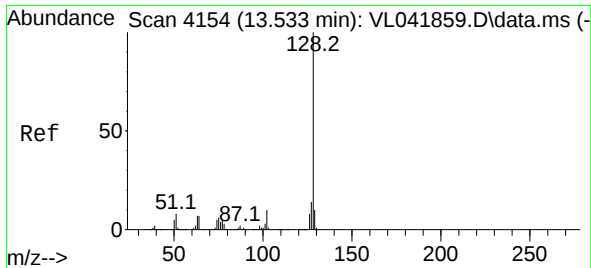
Tgt Ion:146 Resp: 519421
Ion Ratio Lower Upper
146 100
111 48.2 24.1 72.3
148 63.2 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 15.294 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

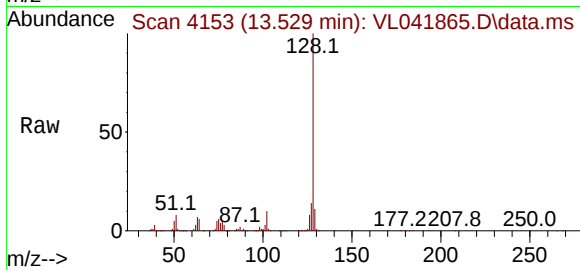
Tgt Ion:225 Resp: 411642
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 62.2 50.9 76.3



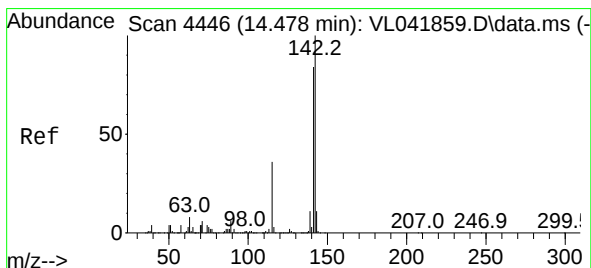
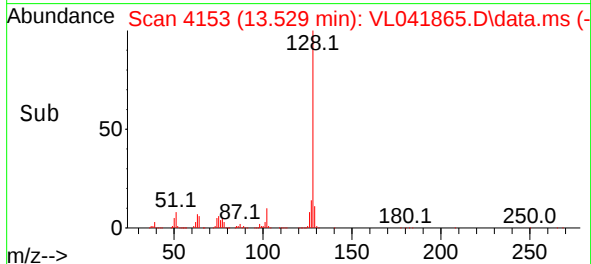
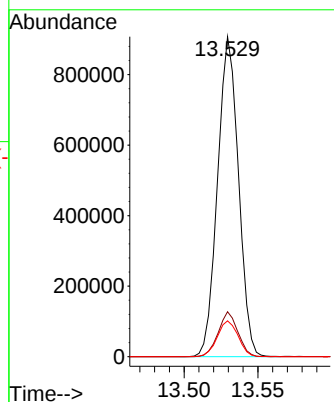


#79
Naphthalene
Concen: 22.388 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

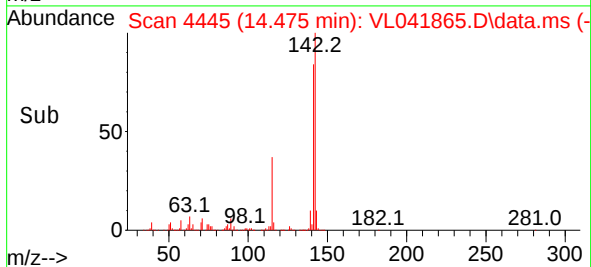
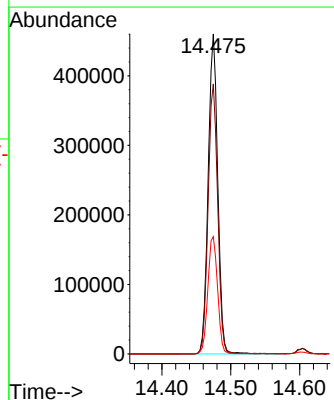
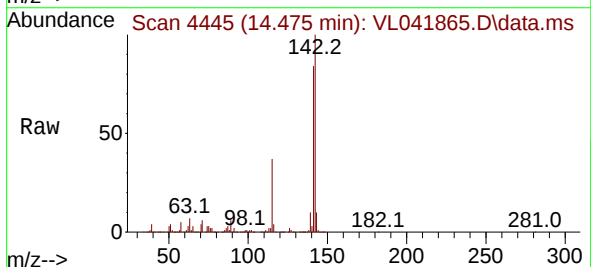


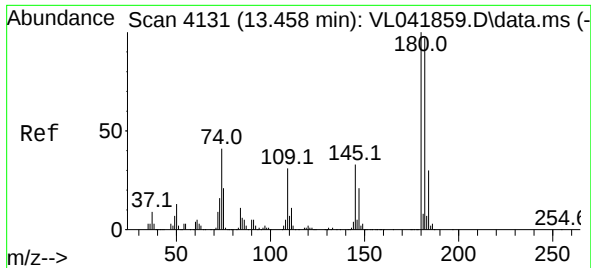
Tgt Ion:128 Resp: 896443
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 11.2 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 29.902 ppbv
RT: 14.475 min Scan# 4445
Delta R.T. -0.003 min
Lab File: VL041865.D
Acq: 09 Jan 2025 14:27

Tgt Ion:142 Resp: 443159
Ion Ratio Lower Upper
142 100
141 84.6 68.2 102.4
115 37.6 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 19.665 ppbv

RT: 13.458 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041865.D

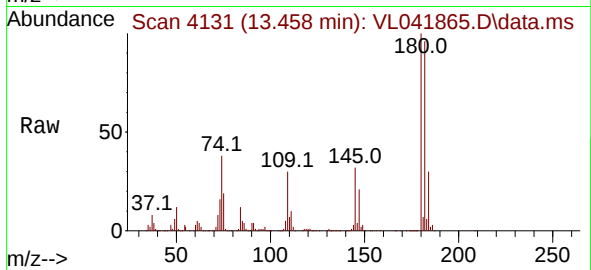
Acq: 09 Jan 2025 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:180 Resp: 436412

Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.8

184 30.9 24.1 36.1

