

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042461.D
 Acq On : 01 May 2025 10:40
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: May 02 01:42:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	68913	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	193701	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	166625	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	150277	9.728	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	6501	0.570	ppbv	94
3) Chlorodifluoromethane	1.476	51	6500	0.539	ppbv	99
4) Chloromethane	1.535	50	2542	0.533	ppbv	95
5) Vinyl Chloride	1.580	62	2441	0.509	ppbv	92
6) Bromomethane	1.667	94	1202	0.530	ppbv	97
7) Chloroethane	1.703	64	862	0.486	ppbv #	68
8) Dichlorotetrafluoroethane	1.554	85	4979	0.530	ppbv	93
9) Propene	1.486	41	2017	0.511	ppbv	96
10) Heptane	4.994	43	1235	0.121	ppbv #	1
11) Trichlorofluoromethane	1.878	101	5720	0.562	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.137	101	4540	0.540	ppbv	94
13) Ethanol	1.722	45	744	0.930	ppbv	99
14) Bromoethene	1.784	108	1680	0.542	ppbv #	87
15) Acetone	1.839	43	7680	0.610	ppbv #	82
16) 1,3-Butadiene	1.609	39	3044	0.549	ppbv	86
17) tert-Butyl alcohol	2.046	59	6256	0.564	ppbv #	91
18) 1,1-Dichloroethene	2.036	96	2240	0.571	ppbv	94
19) Isopropyl Alcohol	1.887	45	4208	0.604	ppbv #	96
20) Methylene Chloride	2.062	84	2594	0.686	ppbv #	80
21) Allyl Chloride	2.098	41	4420	0.546	ppbv #	93
22) trans-1,2-Dichloroethene	2.340	96	2554	0.557	ppbv	95
23) Vinyl Acetate	2.460	43	6541	0.558	ppbv #	95
24) 1,1-Dichloroethane	2.412	63	4933	0.528	ppbv	98
25) Ethyl Acetate	2.842	43	10344	0.514	ppbv #	96
26) Hexane	2.829	57	4403	0.502	ppbv	95
27) Carbon Disulfide	2.153	76	5201	0.508	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2762	0.524	ppbv #	82
29) Chloroform	2.852	83	8791	0.535	ppbv	92
30) Cyclohexane	3.868	84	1455	0.198	ppbv #	1
31) cis-1,2-Dichloroethene	2.340	61	4038	0.394	ppbv	94
32) 1,1,1-Trichloroethane	3.366	97	5990	0.336	ppbv #	68
34) 2-Butanone	2.564	43	7766	0.554	ppbv	93
35) Carbon Tetrachloride	3.768	117	8286	0.492	ppbv	86
36) Benzene	3.655	78	8951	0.490	ppbv #	92
37) 1,2-Dichloroethane	3.224	62	7149	0.507	ppbv #	95
38) Trichloroethene	4.548	130	2173	0.312	ppbv #	76
39) 1,2-Dichloropropane	4.321	63	2649	0.387	ppbv	90
40) 1,4-Dioxane	4.600	88	438	0.138	ppbv #	100
41) Tetrahydrofuran	3.062	42	1107	0.167	ppbv #	34
42) Bromodichloromethane	4.496	83	8212	0.477	ppbv	93
43) Methyl Methacrylate	4.891	69	1450	0.213	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	8185	0.277	ppbv #	42
45) t-1,3-Dichloropropene	6.415	75	2226	0.248	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
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 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

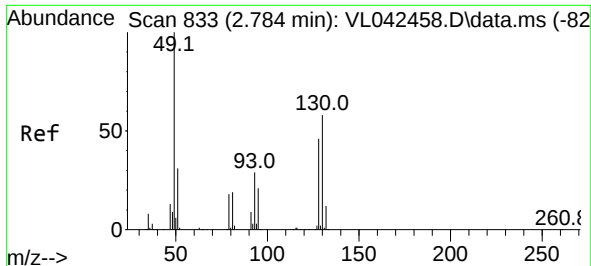
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	2250	0.212	ppbv	97
47) 1,1,2-Trichloroethane	6.593	97	478	0.064	ppbv #	71
48) Dibromochloromethane	7.390	129	1718	0.136	ppbv #	1
49) Bromoform	9.484	173	5228	0.492	ppbv	97
50) 4-Methyl-2-Pentanone	5.755	43	1231	0.069	ppbv #	38
51) 2-Hexanone	7.448	43	2872	0.202	ppbv #	22
52) Tetrachloroethene	8.238	164	694	0.100	ppbv #	77
53) Toluene	6.940	91	1946	0.101	ppbv #	1
54) 1,2-Dibromoethane	7.652	107	5705	0.494	ppbv	83
56) 1,1,1,2-Tetrachloroethane	8.924	131	5152	0.524	ppbv #	92
57) Chlorobenzene	8.924	112	9173	0.548	ppbv #	86
58) Ethyl Benzene	9.357	91	12427	0.446	ppbv	90
59) m/p-Xylene	9.535	91	12016	0.515	ppbv #	33
60) o-Xylene	9.966	91	9891	0.424	ppbv	100
61) Styrene	9.872	104	3286	0.377	ppbv	87
62) Isopropylbenzene	10.545	105	14837	0.440	ppbv	95
63) 1,1,2,2-Tetrachloroethane	9.963	83	8135	0.537	ppbv	96
64) n-propylbenzene	10.992	120	3259	0.397	ppbv	83
65) tert-Butylbenzene	11.536	119	12655	0.421	ppbv	99
66) Benzyl Chloride	11.620	91	651	0.187	ppbv #	58
67) sec-Butylbenzene	11.769	105	17905	0.419	ppbv	97
69) p-Isopropyltoluene	11.927	119	15036	0.417	ppbv	94
70) n-Butylbenzene	12.283	91	15016	0.403	ppbv	93
71) 2-Chlorotoluene	10.905	91	11702	0.443	ppbv	99
72) 4-Ethyltoluene	11.128	105	10671	0.387	ppbv #	91
73) 1,3,5-Trimethylbenzene	11.206	105	9808	0.405	ppbv	89
74) 1,2,4-Trimethylbenzene	11.539	105	13060	0.445	ppbv #	83
75) 1,3-Dichlorobenzene	11.607	146	8127	0.498	ppbv	96
76) 1,4-Dichlorobenzene	11.675	146	7238	0.469	ppbv	96
77) 1,2-Dichlorobenzene	11.950	146	8141	0.509	ppbv	94
78) Hexachloro-1,3-Butadiene	13.886	225	8565	0.537	ppbv	99
79) Naphthalene	13.517	128	9436	0.384	ppbv #	89
80) Naphthalene,2-methyl-	14.458	142	4153	0.226	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	4992	0.379	ppbv	98

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

Quant Time: May 02 01:42:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration

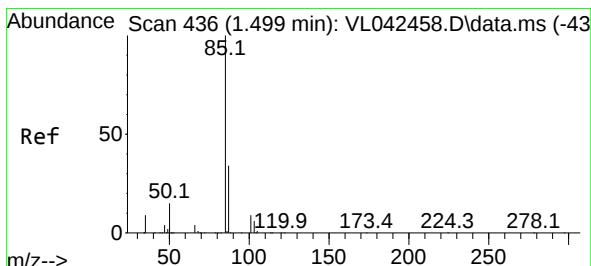
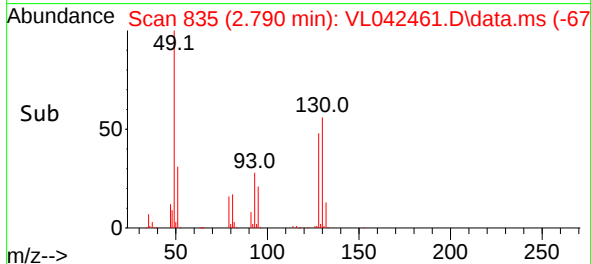
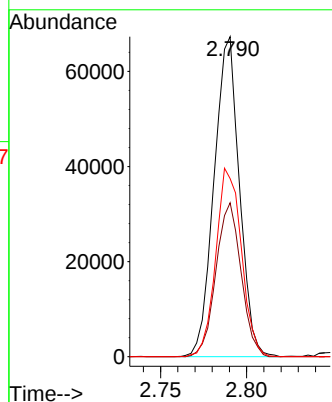
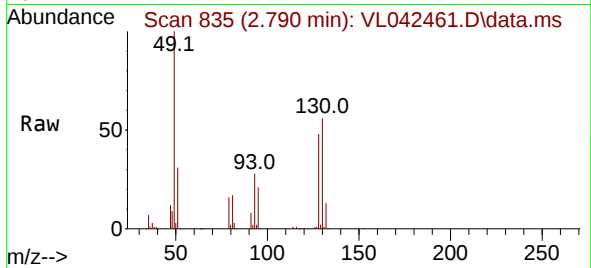




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

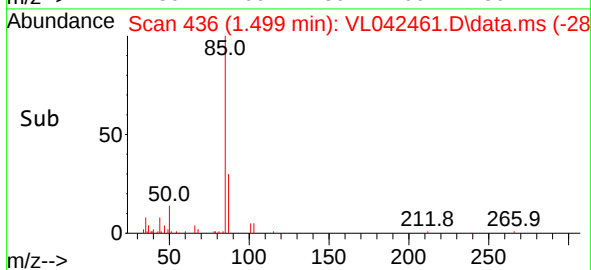
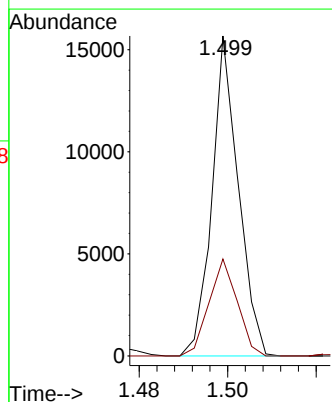
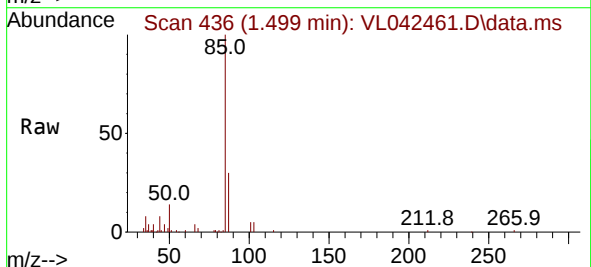
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MSVOA_1
ClientSampleId :
VSTDIC0.5

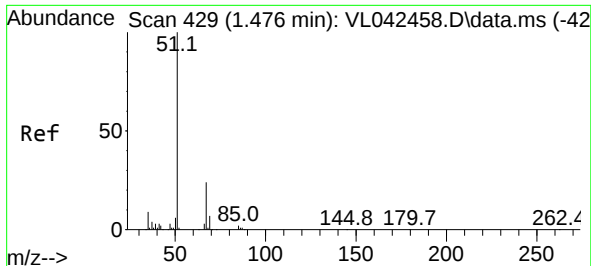
Tgt Ion: 49 Resp: 68913
Ion Ratio Lower Upper
49 100
128 47.7 23.3 69.9
130 59.4 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.570 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 85 Resp: 6501
Ion Ratio Lower Upper
85 100
87 30.3 26.9 40.3

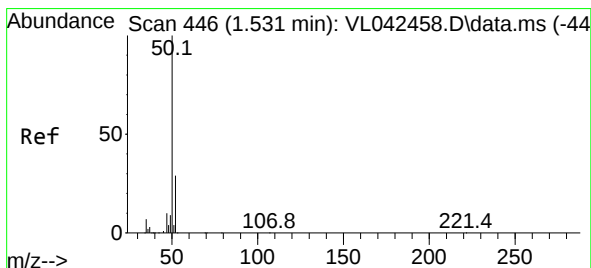
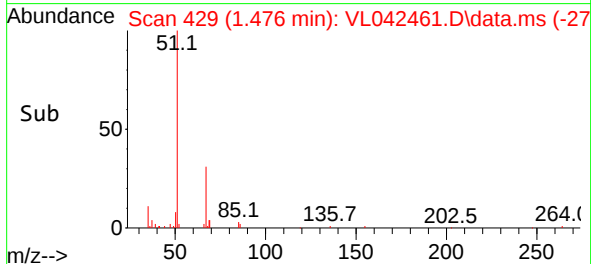
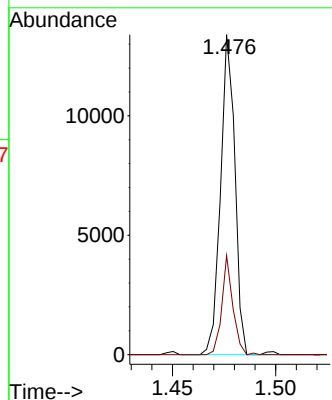
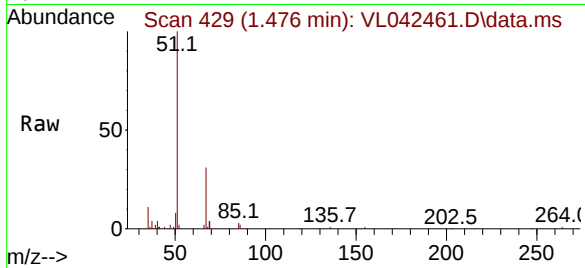




#3
Chlorodifluoromethane
Concen: 0.539 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

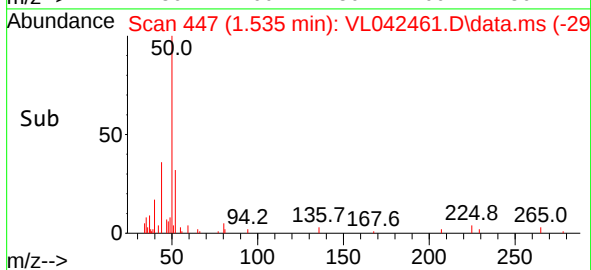
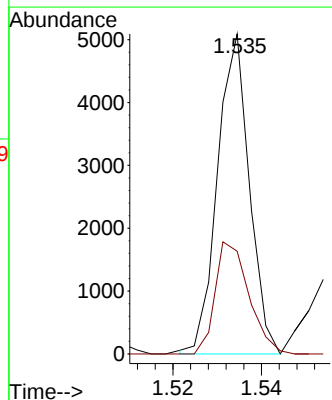
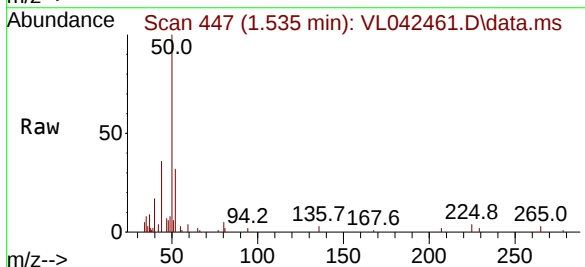
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

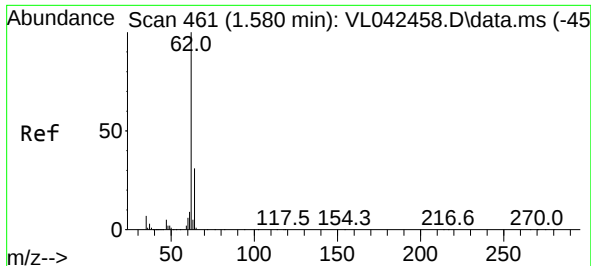
Tgt Ion: 51 Resp: 6500
Ion Ratio Lower Upper
51 100
67 23.7 18.4 27.6



#4
Chloromethane
Concen: 0.533 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 50 Resp: 2542
Ion Ratio Lower Upper
50 100
52 32.1 23.5 35.3

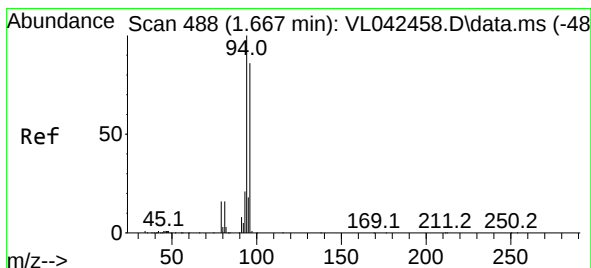
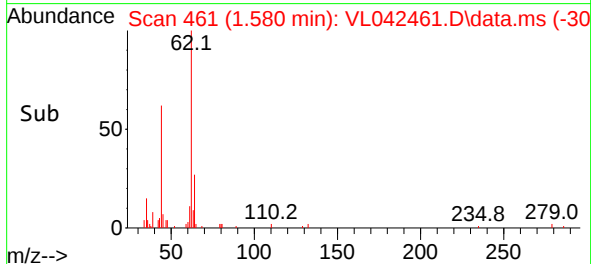
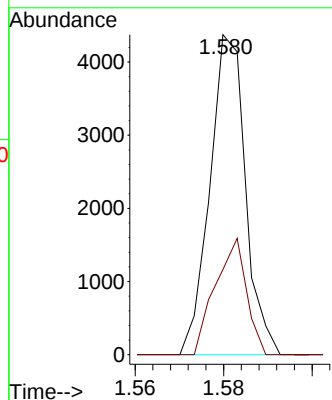
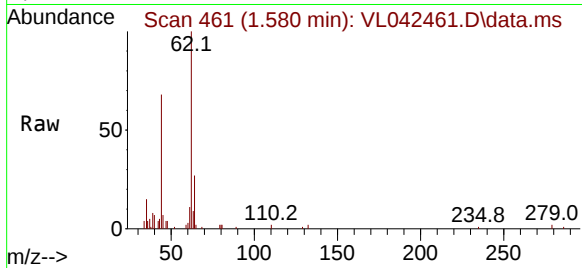




#5
 Vinyl Chloride
 Concen: 0.509 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

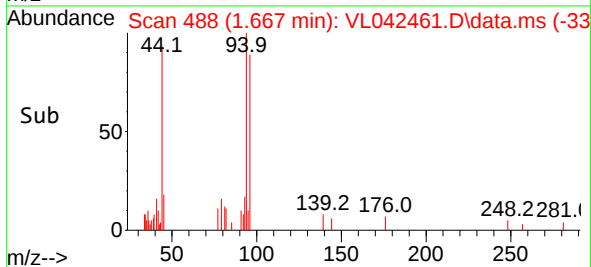
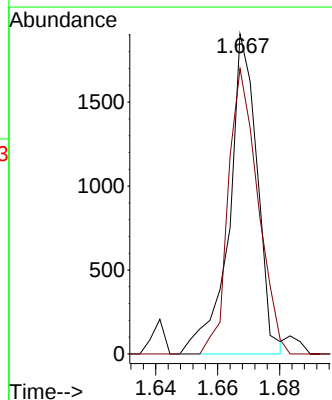
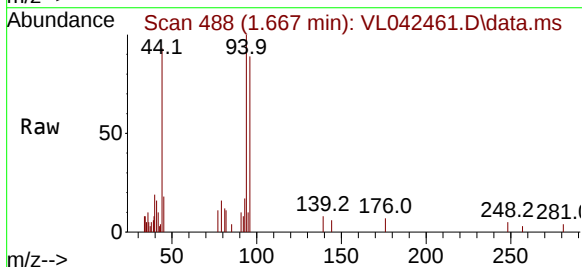
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 2441
 Ion Ratio Lower Upper
 62 100
 64 26.6 24.9 37.3



#6
 Bromomethane
 Concen: 0.530 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 94 Resp: 1202
 Ion Ratio Lower Upper
 94 100
 96 89.1 68.8 103.2

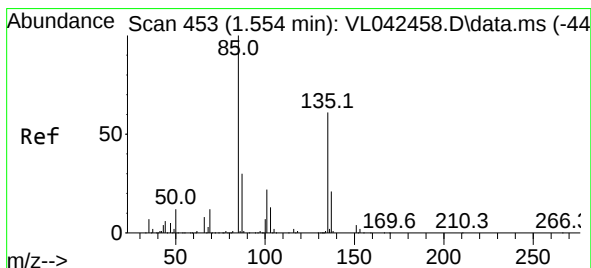
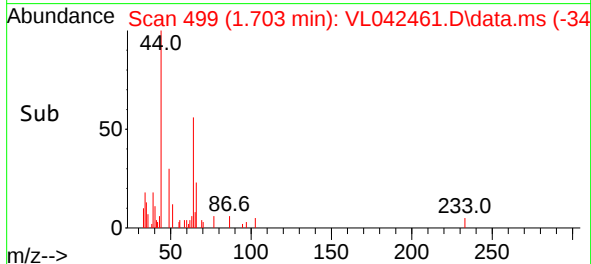
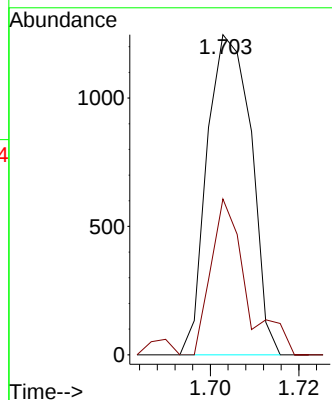
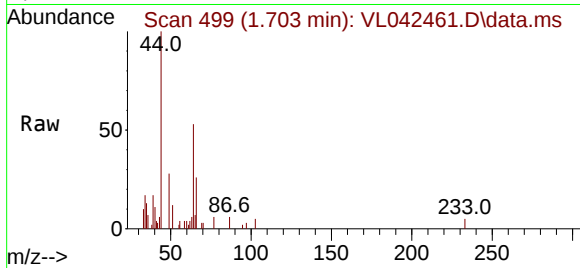




#7
Chloroethane
Concen: 0.486 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

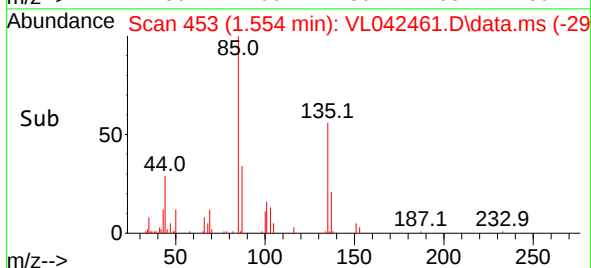
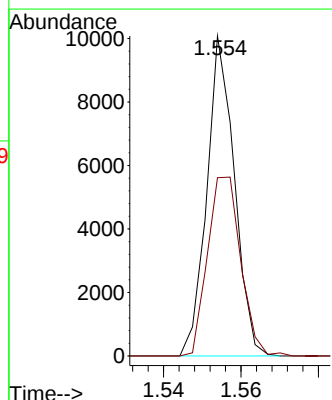
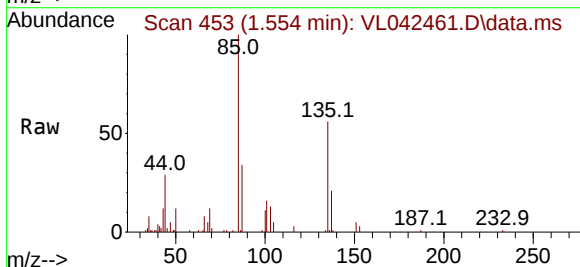
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

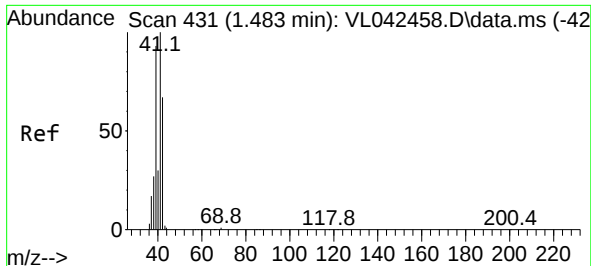
Tgt Ion: 64 Resp: 862
Ion Ratio Lower Upper
64 100
66 48.7 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.530 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 85 Resp: 4979
Ion Ratio Lower Upper
85 100
135 67.4 49.8 74.8





#9

Propene

Concen: 0.511 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

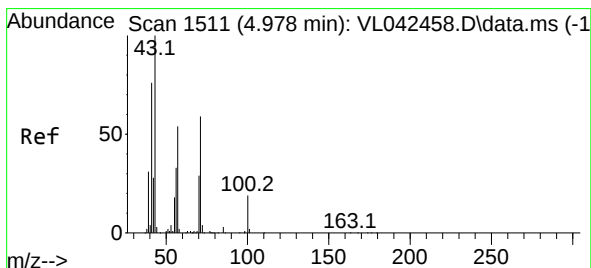
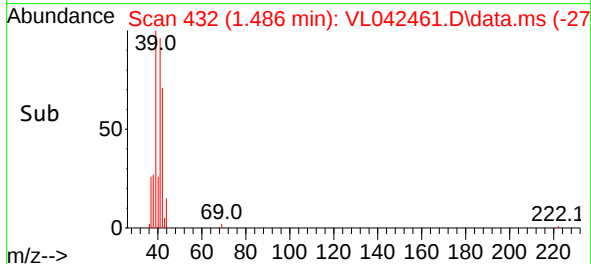
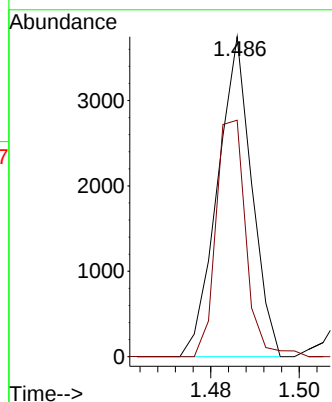
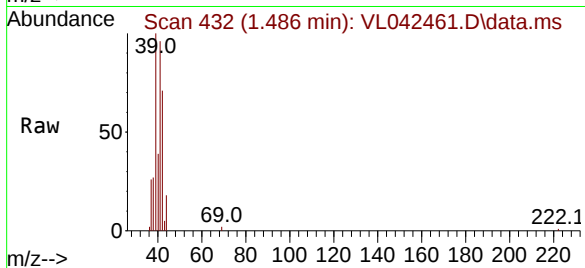
VSTDICC0.5

Tgt Ion: 41 Resp: 2017

Ion Ratio Lower Upper

41 100

42 64.7 54.3 81.5



#10

Heptane

Concen: 0.121 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042461.D

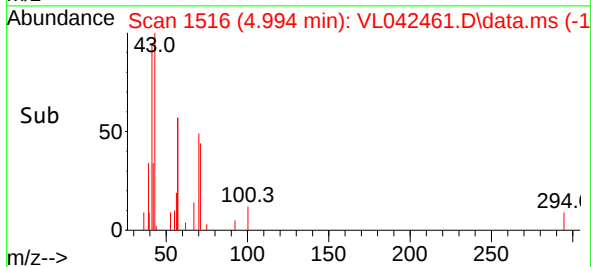
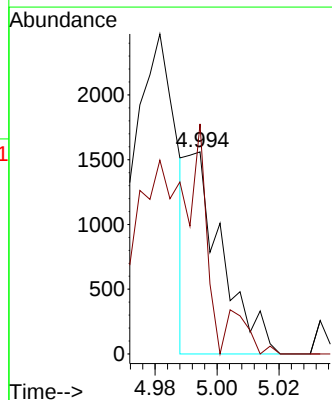
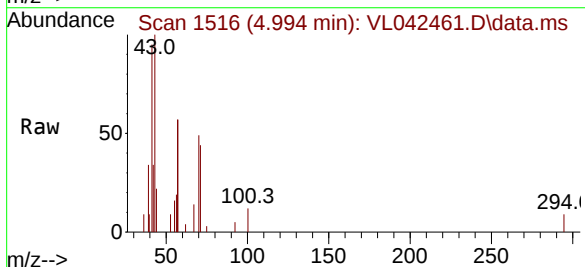
Acq: 01 May 2025 10:40

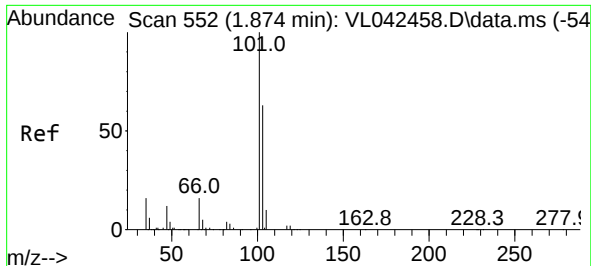
Tgt Ion: 43 Resp: 1235

Ion Ratio Lower Upper

43 100

57 231.7 41.8 62.8#

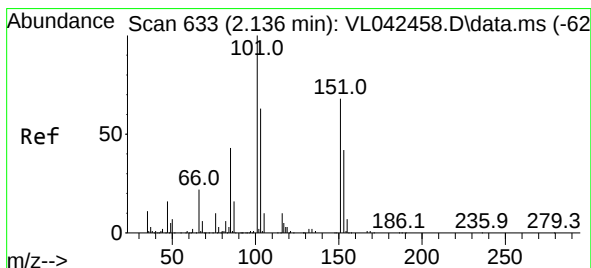
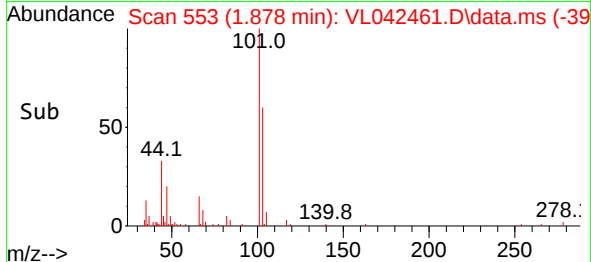
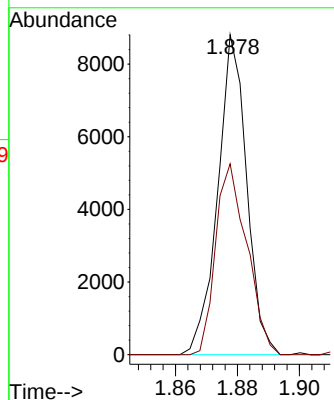
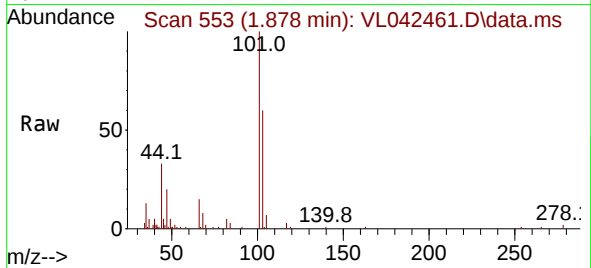




#11
 Trichlorofluoromethane
 Concen: 0.562 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

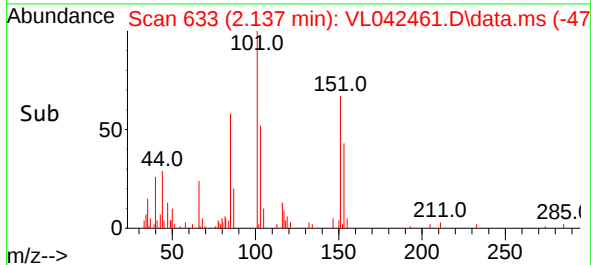
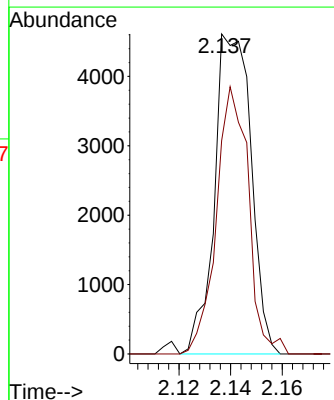
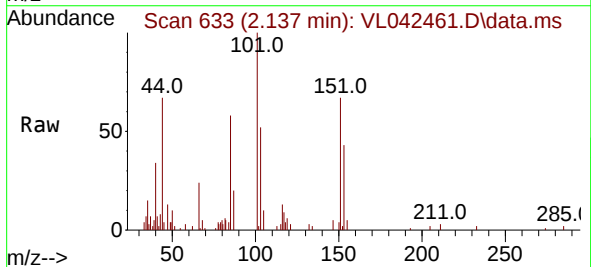
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

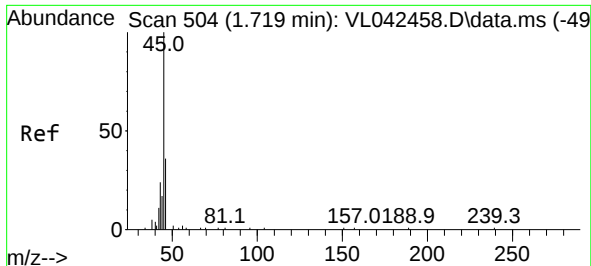
Tgt Ion:101 Resp: 5720
 Ion Ratio Lower Upper
 101 100
 103 59.7 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.540 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion:101 Resp: 4540
 Ion Ratio Lower Upper
 101 100
 151 73.1 54.6 82.0

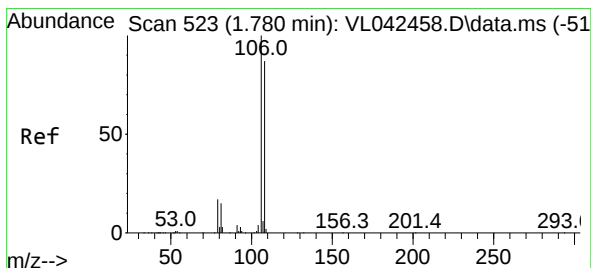
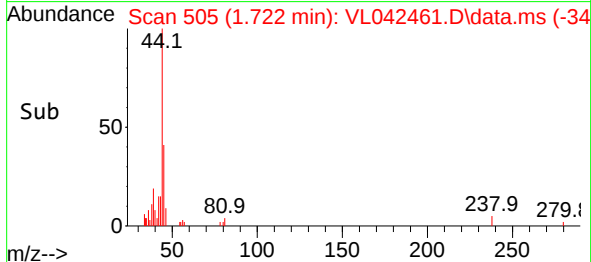
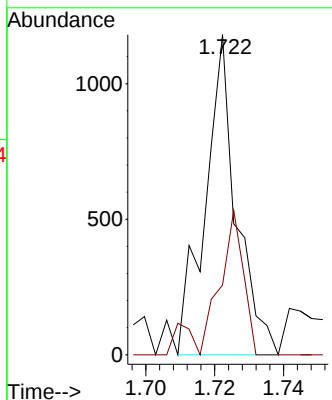
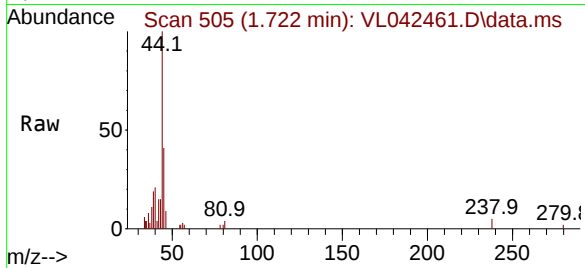




#13
 Ethanol
 Concen: 0.930 ppbv
 RT: 1.722 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

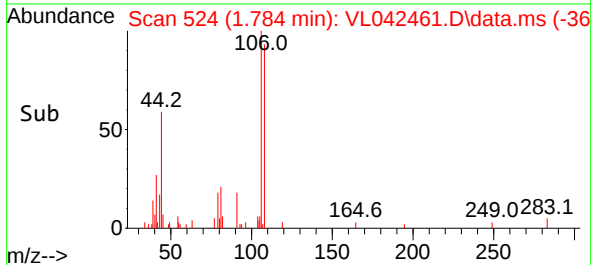
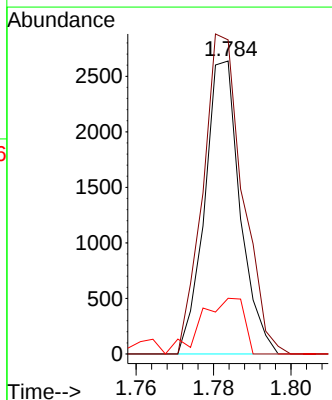
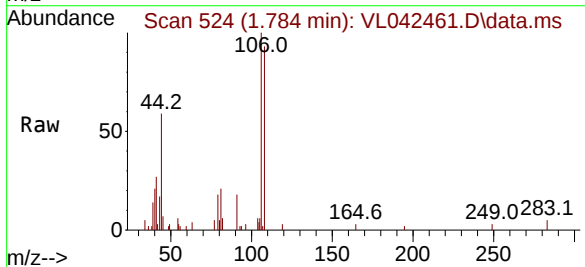
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

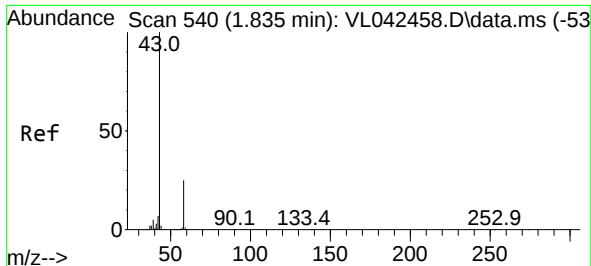
Tgt Ion: 45 Resp: 744
 Ion Ratio Lower Upper
 45 100
 46 38.7 15.3 61.1



#14
 Bromoethene
 Concen: 0.542 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 108 Resp: 1680
 Ion Ratio Lower Upper
 108 100
 106 123.2 88.8 133.2
 79 30.2 17.1 25.7#





#15

Acetone

Concen: 0.610 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_1

ClientSampleId :

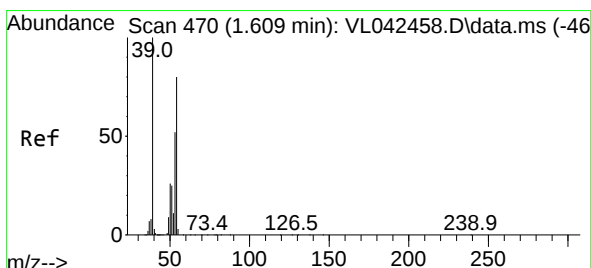
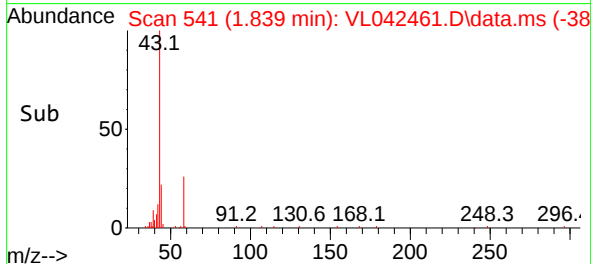
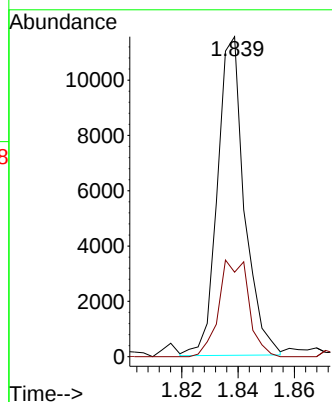
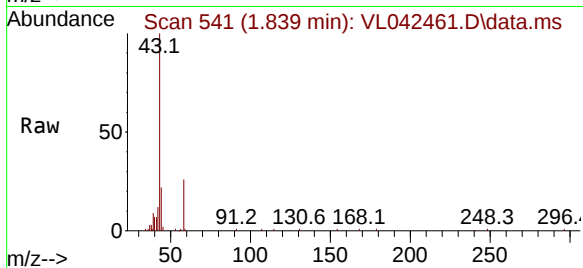
VSTDICC0.5

Tgt Ion: 43 Resp: 7680

Ion Ratio Lower Upper

43 100

58 33.6 19.8 29.8#



#16

1,3-Butadiene

Concen: 0.549 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.000 min

Lab File: VL042461.D

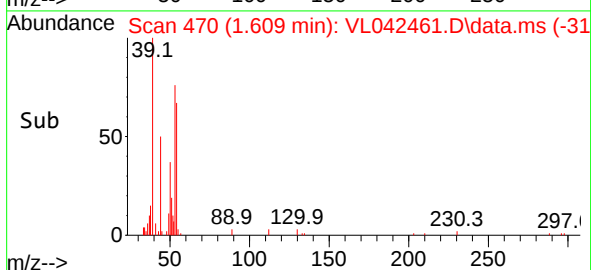
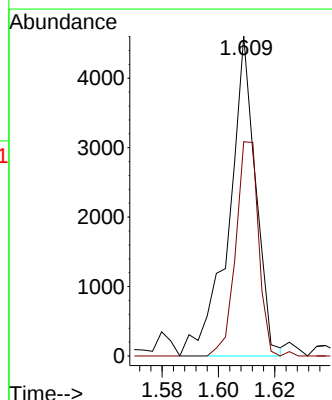
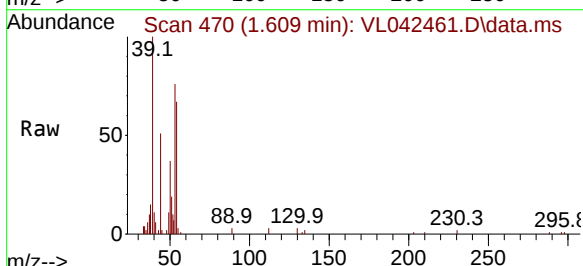
Acq: 01 May 2025 10:40

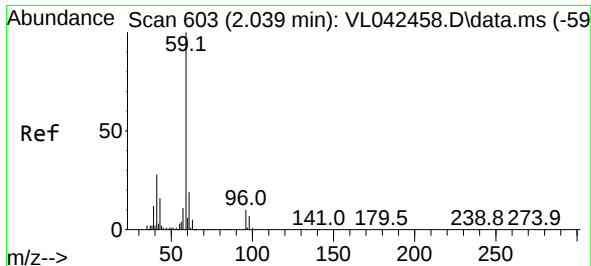
Tgt Ion: 39 Resp: 3044

Ion Ratio Lower Upper

39 100

54 57.3 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.564 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

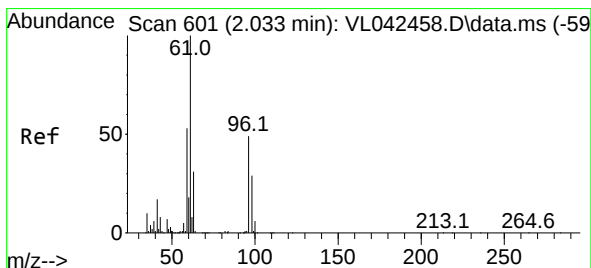
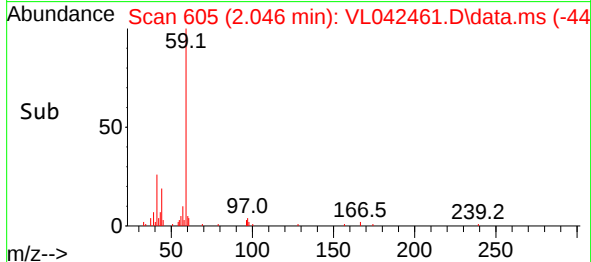
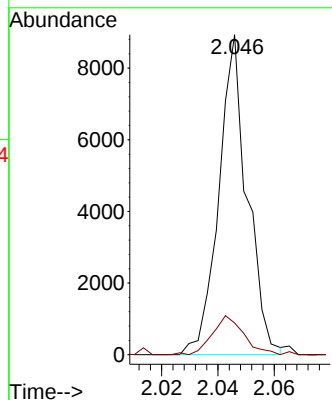
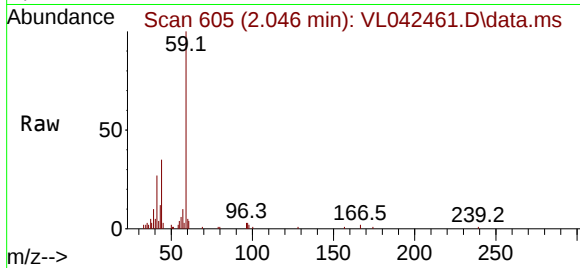
VSTDIC0.5

Tgt Ion: 59 Resp: 6256

Ion Ratio Lower Upper

59 100

57 13.7 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.571 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

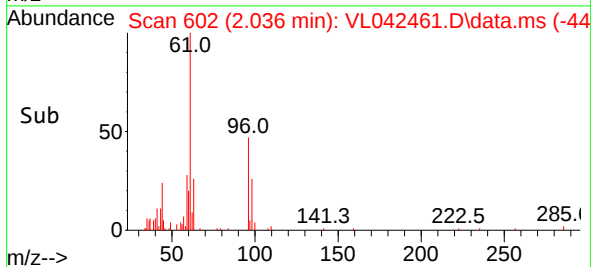
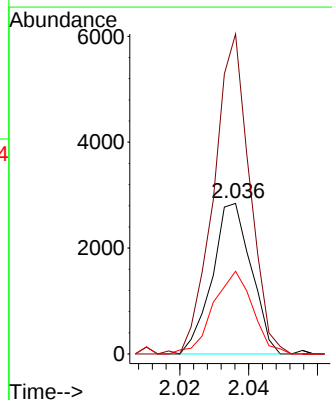
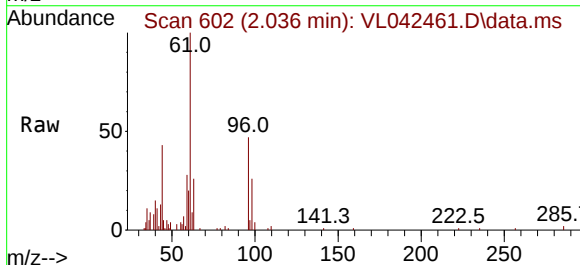
Tgt Ion: 96 Resp: 2240

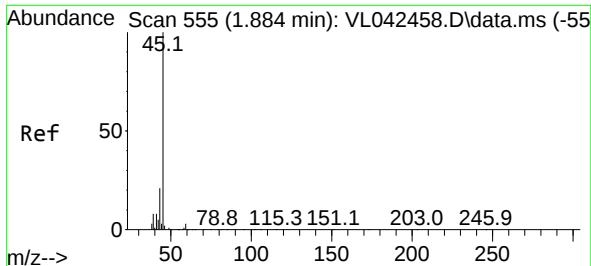
Ion Ratio Lower Upper

96 100

61 212.4 164.9 247.3

98 52.2 48.2 72.2

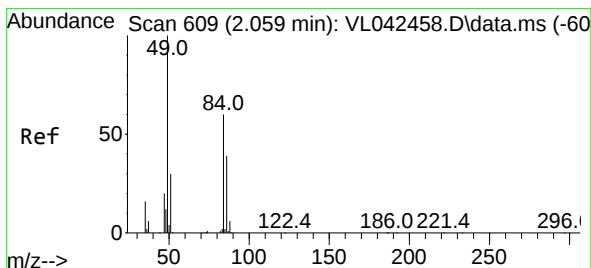
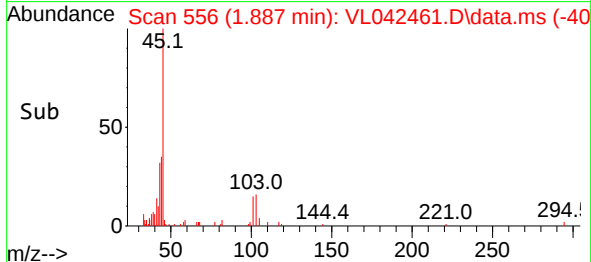
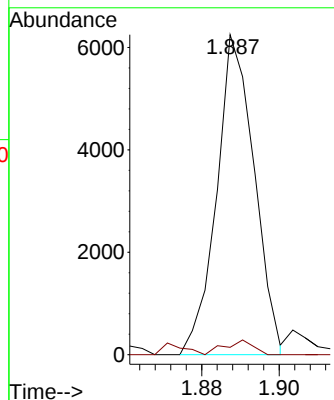
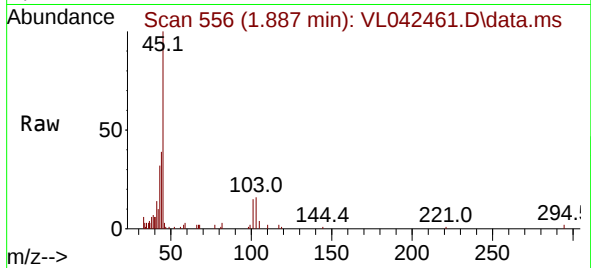




#19
Isopropyl Alcohol
Concen: 0.604 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

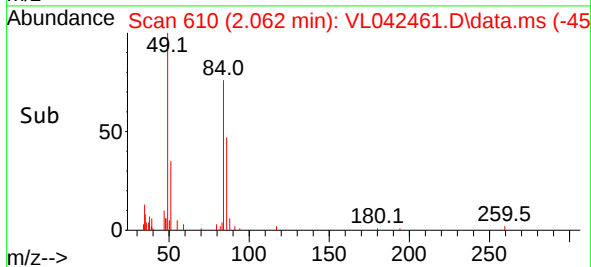
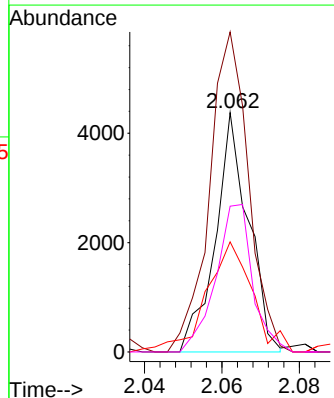
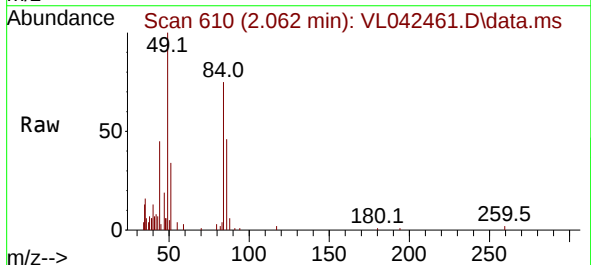
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

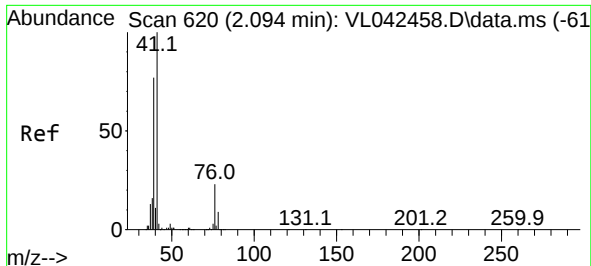
Tgt Ion: 45 Resp: 4208
Ion Ratio Lower Upper
45 100
58 3.4 1.6 2.4#



#20
Methylene Chloride
Concen: 0.686 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 84 Resp: 2594
Ion Ratio Lower Upper
84 100
49 131.1 133.9 200.9#
51 40.9 41.0 61.6#
86 60.9 51.9 77.9

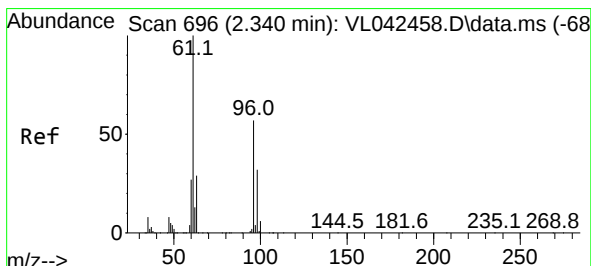
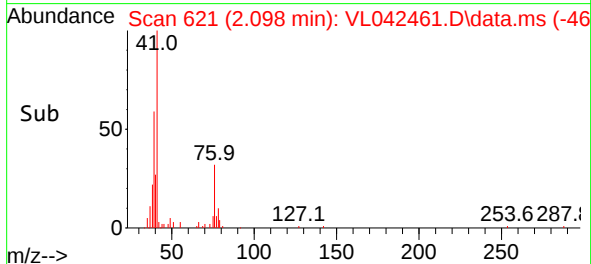
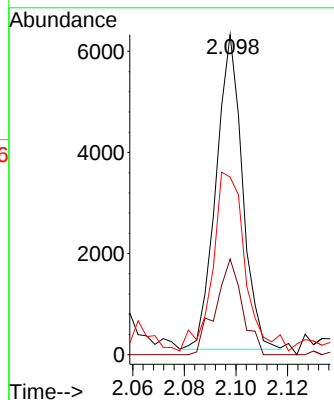
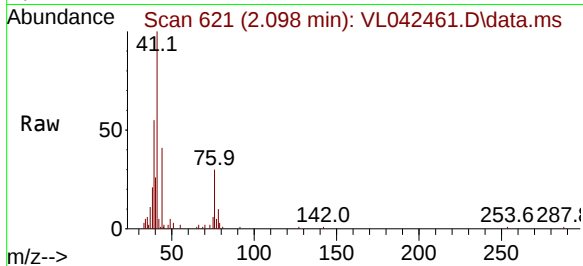




#21
 Allyl Chloride
 Concen: 0.546 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

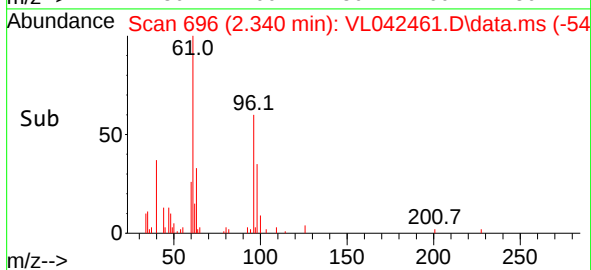
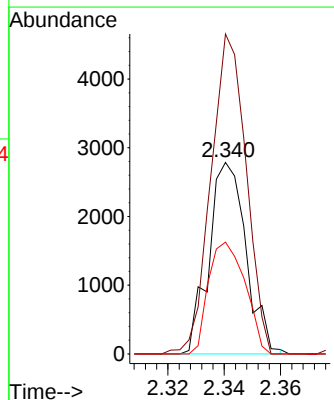
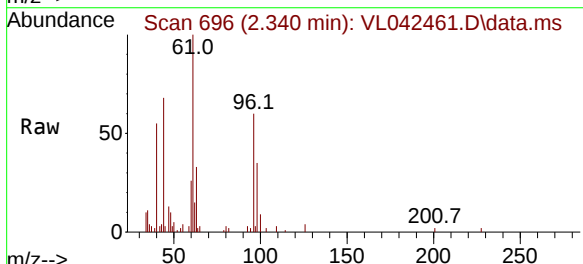
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

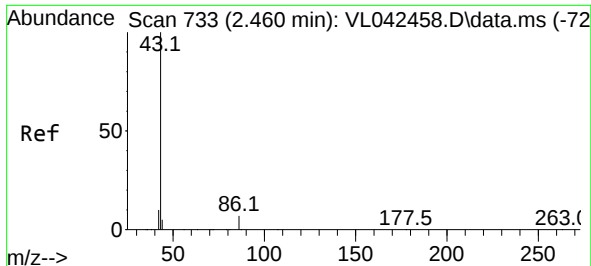
Tgt Ion: 41 Resp: 4420
 Ion Ratio Lower Upper
 41 100
 76 30.8 19.6 29.4#
 39 80.5 61.0 91.4



#22
 trans-1,2-Dichloroethene
 Concen: 0.557 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 96 Resp: 2554
 Ion Ratio Lower Upper
 96 100
 61 170.3 141.8 212.6
 98 59.5 45.0 67.6

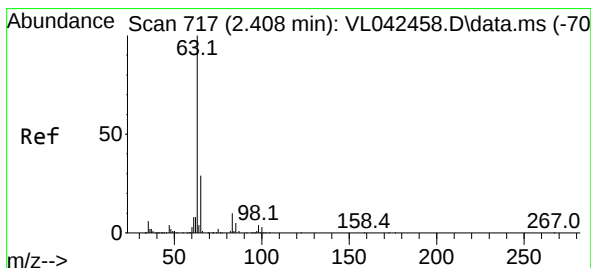
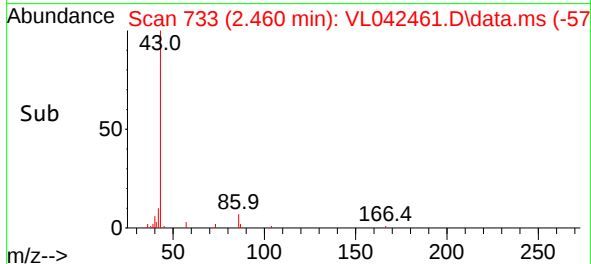
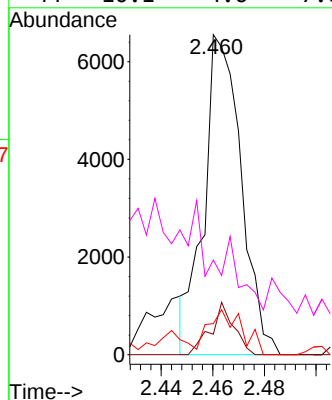
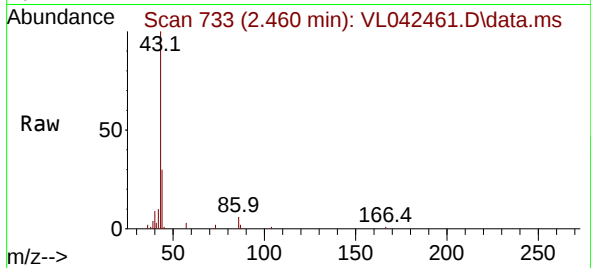




#23
 Vinyl Acetate
 Concen: 0.558 ppbv
 RT: 2.460 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

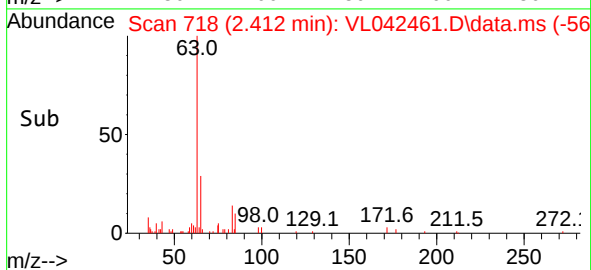
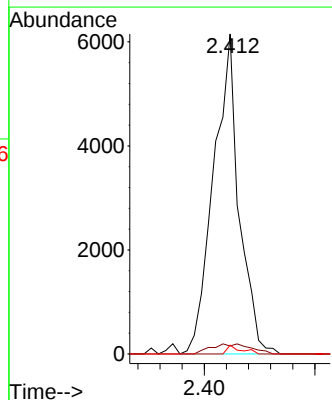
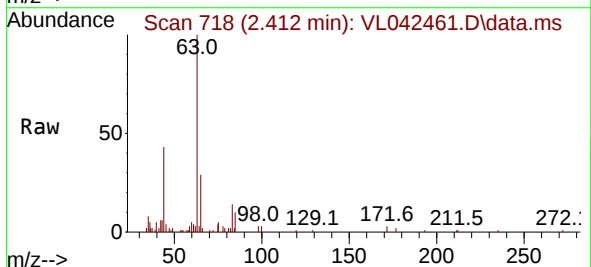
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

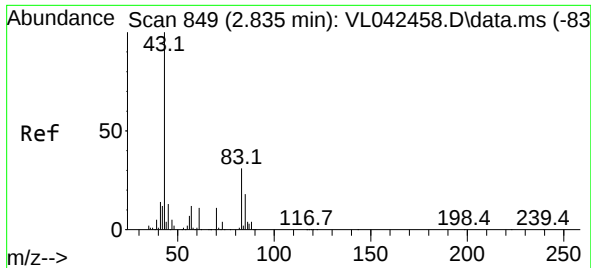
Tgt Ion:	43	Resp:	6541
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.5	8.3
42	9.7	8.3	12.5
44	10.1	4.6	7.0



#24
 1,1-Dichloroethane
 Concen: 0.528 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion:	63	Resp:	4933
Ion	Ratio	Lower	Upper
63	100		
98	2.5	1.8	5.5
100	2.7	1.4	4.2

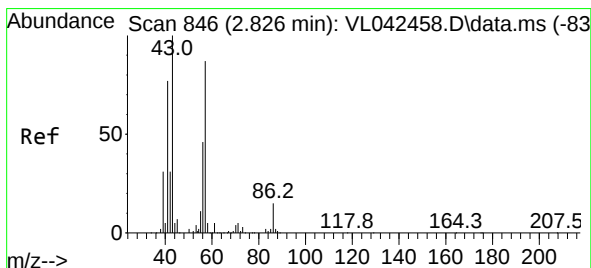
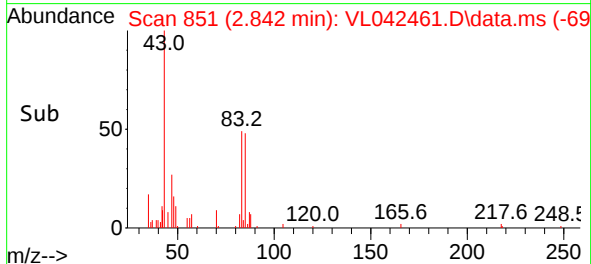
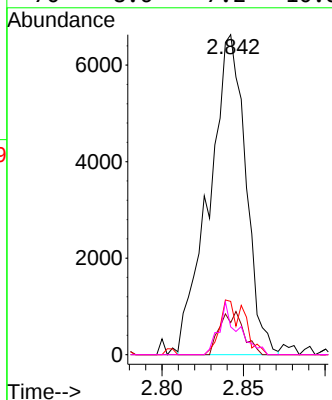
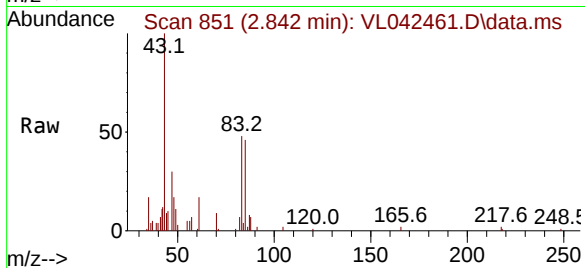




#25
Ethyl Acetate
Concen: 0.514 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

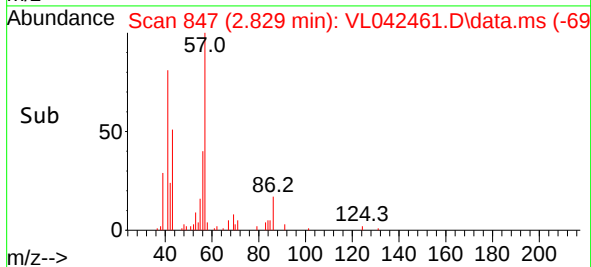
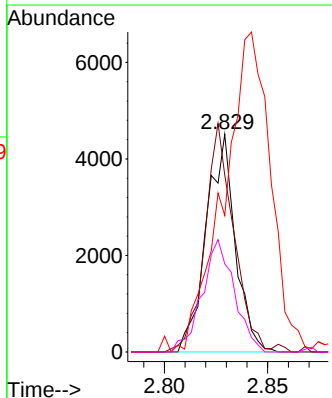
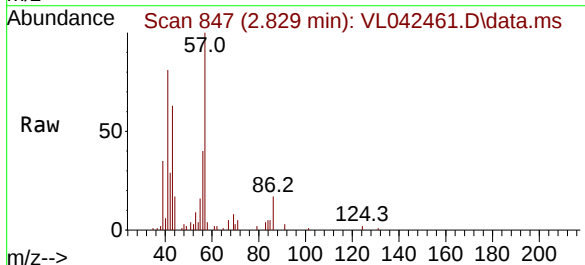
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

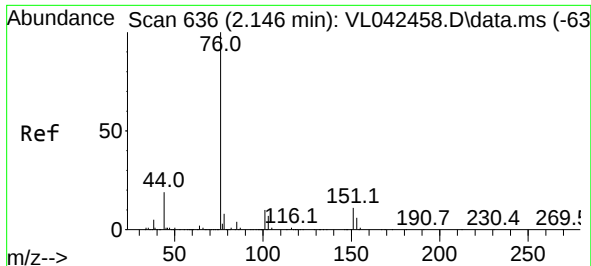
Tgt Ion: 43	Resp: 10344
Ion Ratio	Lower Upper
43 100	
45 8.7	7.8 11.6
61 11.8	7.2 10.8#
70 8.6	7.2 10.8



#26
Hexane
Concen: 0.502 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 57	Resp: 4403
Ion Ratio	Lower Upper
57 100	
41 105.8	77.8 116.8
43 240.9	187.0 280.6
56 57.3	43.9 65.9

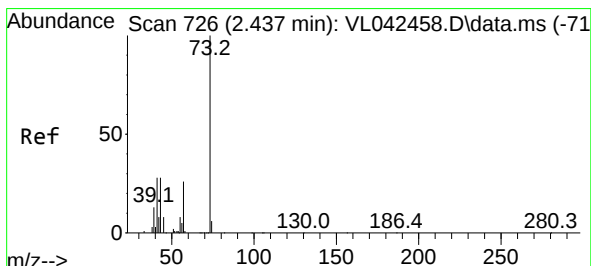
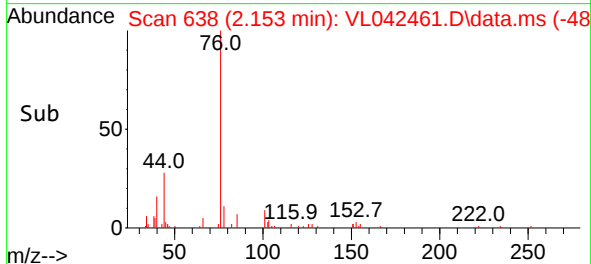
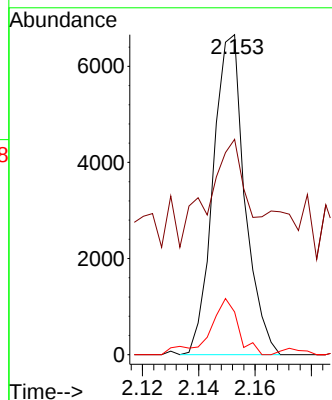
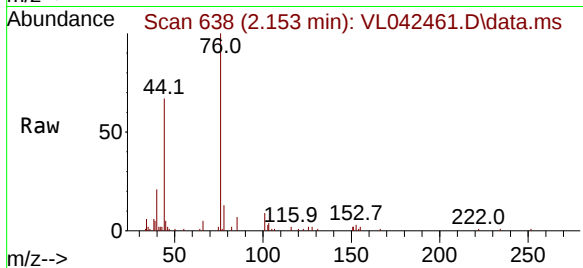




#27
Carbon Disulfide
Concen: 0.508 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

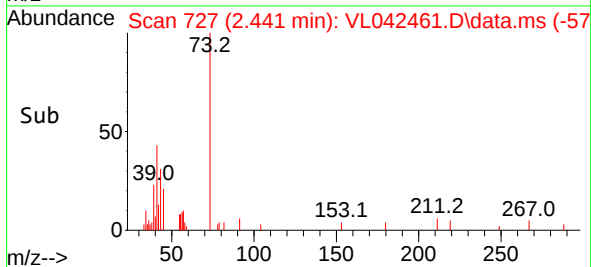
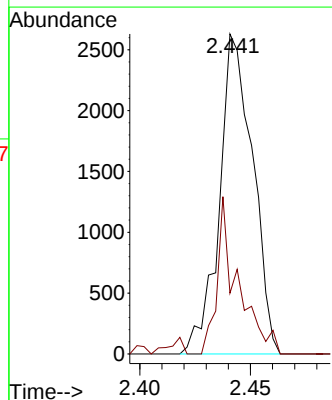
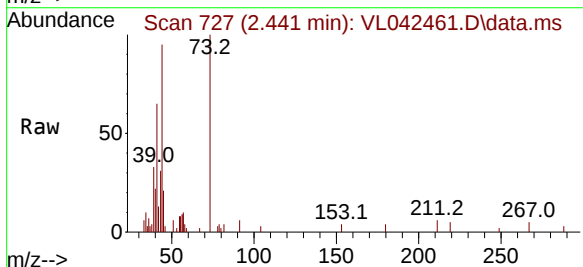
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

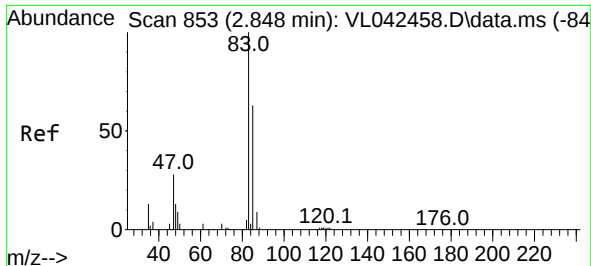
Tgt Ion: 76 Resp: 5201
Ion Ratio Lower Upper
76 100
44 110.3 21.0 31.6#
78 18.6 8.6 13.0#



#28
Methyl tert-Butyl Ether
Concen: 0.524 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 73 Resp: 2762
Ion Ratio Lower Upper
73 100
57 34.1 19.9 29.9#





#29

Chloroform

Concen: 0.535 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

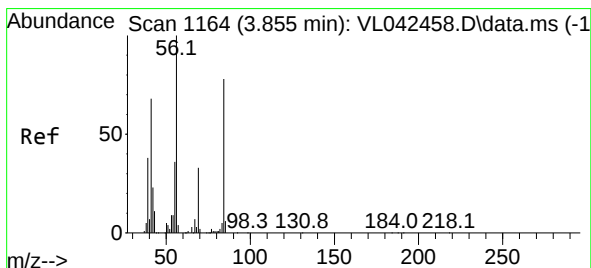
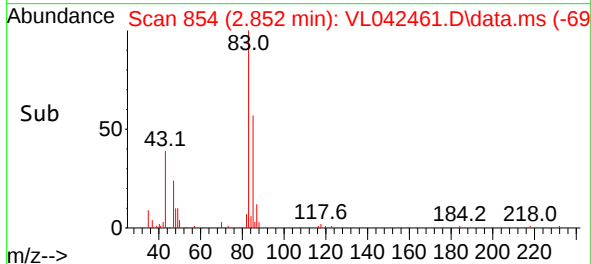
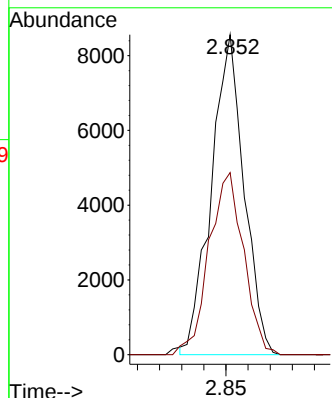
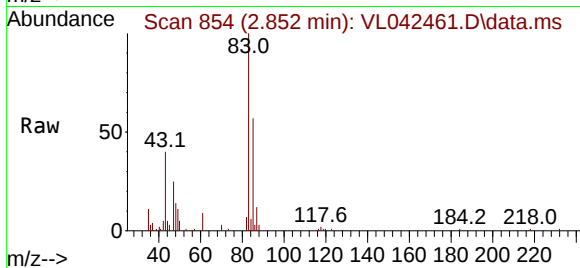
VSTDIC0.5

Tgt Ion: 83 Resp: 8791

Ion Ratio Lower Upper

83 100

85 56.9 50.4 75.6



#30

Cyclohexane

Concen: 0.198 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

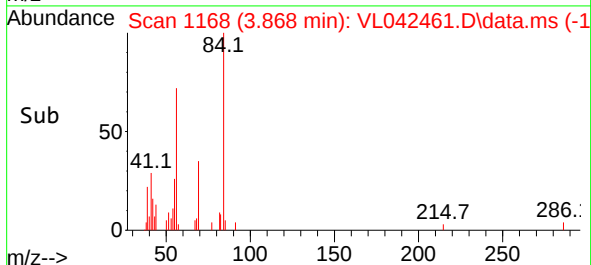
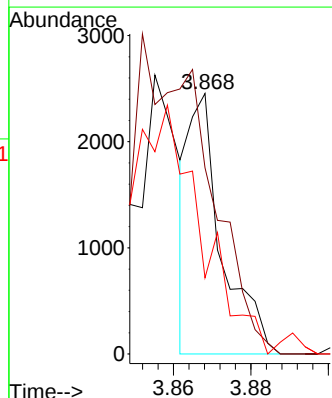
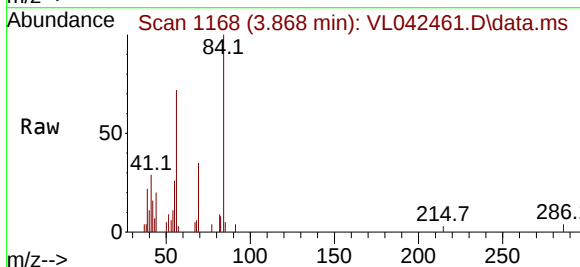
Tgt Ion: 84 Resp: 1455

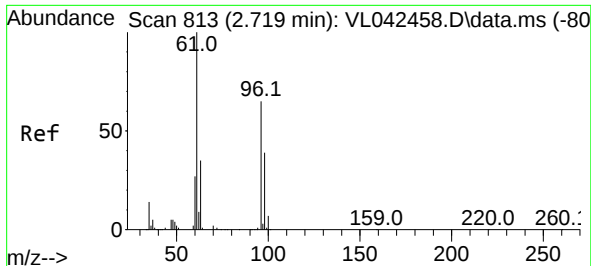
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 0.0 65.8 98.8#

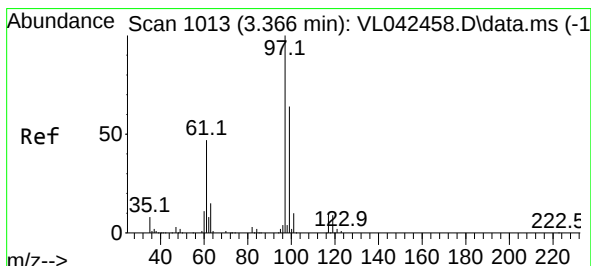
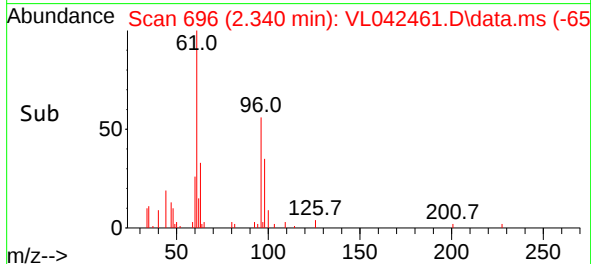
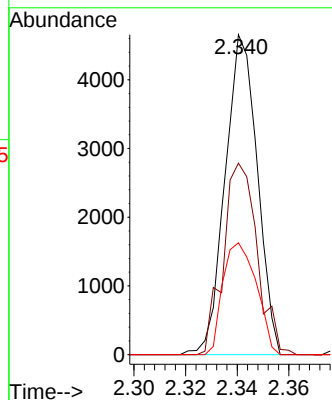
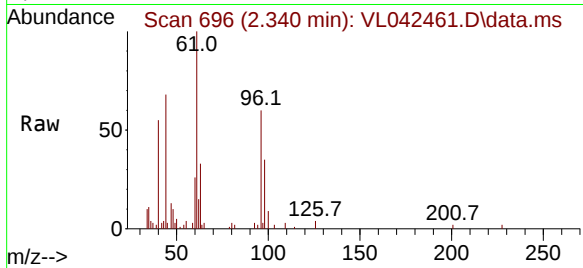




#31
 cis-1,2-Dichloroethene
 Concen: 0.394 ppbv
 RT: 2.340 min Scan# 61
 Delta R.T. -0.378 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

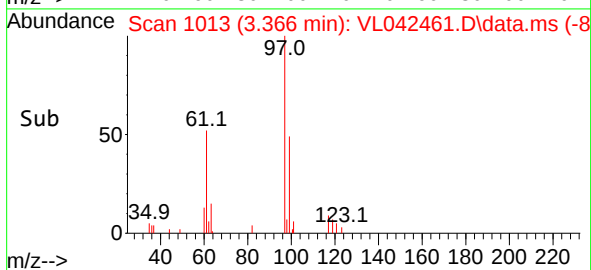
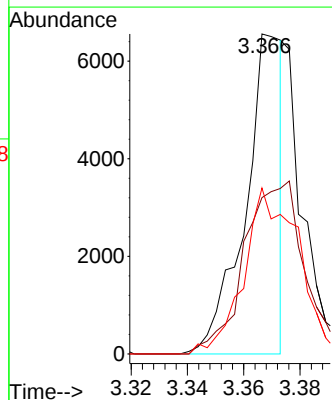
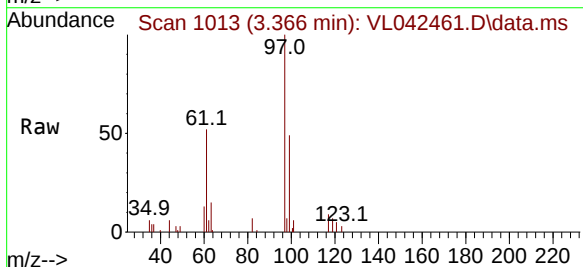
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

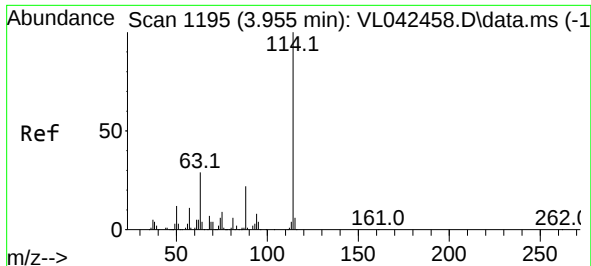
Tgt Ion: 61	Resp:	4038
Ion	Ratio	Lower Upper
61	100	
96	59.9	52.0 78.0
98	34.9	31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.336 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 97	Resp:	5990
Ion	Ratio	Lower Upper
97	100	
99	85.9	50.7 76.1#
61	76.1	40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

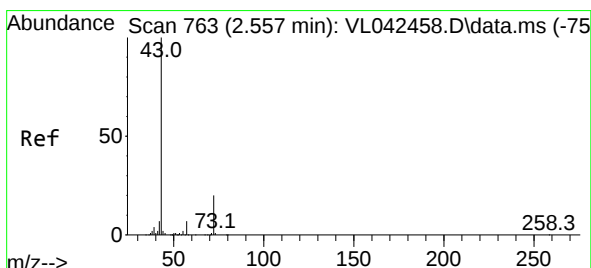
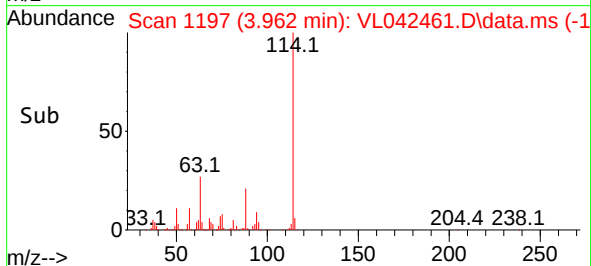
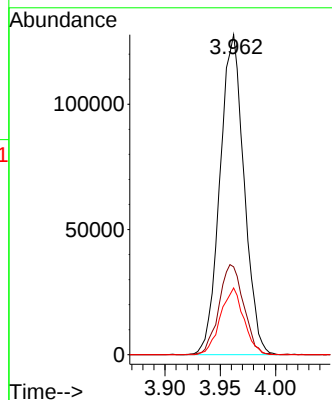
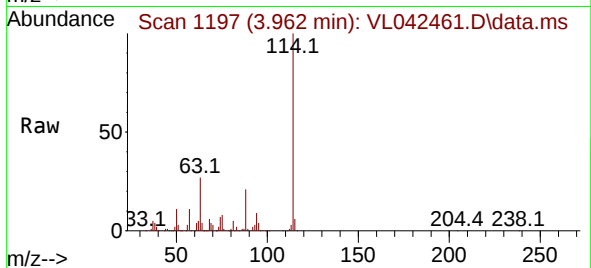
Tgt Ion:114 Resp: 193701

Ion Ratio Lower Upper

114 100

63 29.0 23.1 34.7

88 20.3 16.1 24.1



#34

2-Butanone

Concen: 0.554 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.007 min

Lab File: VL042461.D

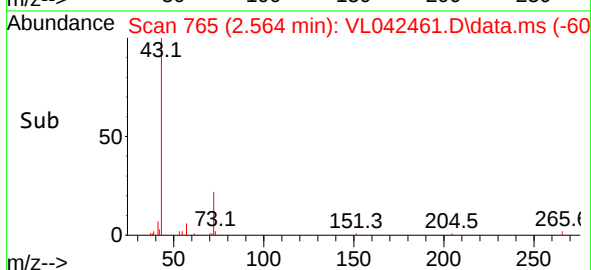
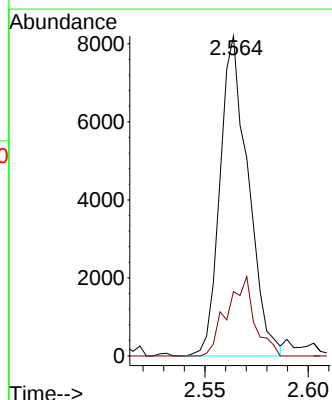
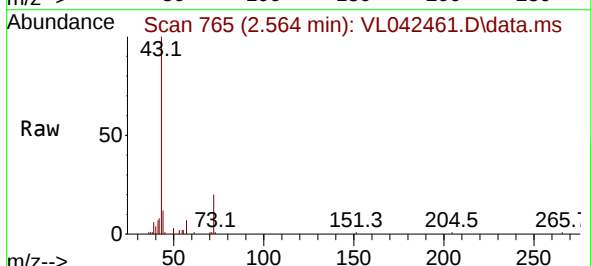
Acq: 01 May 2025 10:40

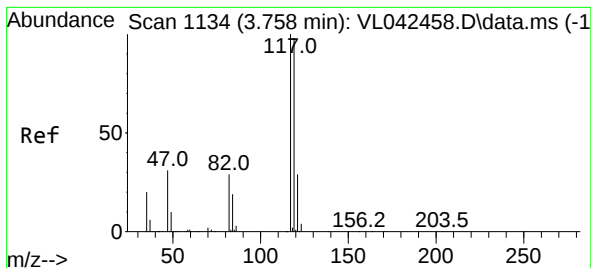
Tgt Ion: 43 Resp: 7766

Ion Ratio Lower Upper

43 100

72 24.4 16.7 25.1





#35

Carbon Tetrachloride

Concen: 0.492 ppbv

RT: 3.768 min Scan# 1137

Delta R.T. 0.010 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

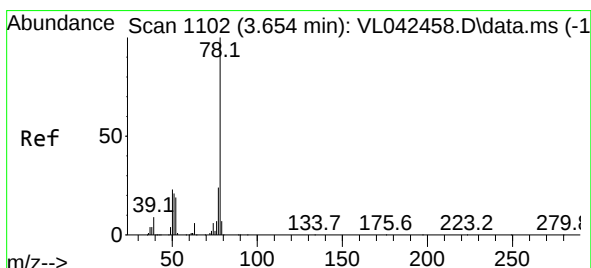
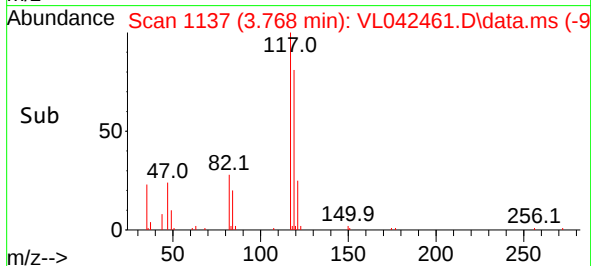
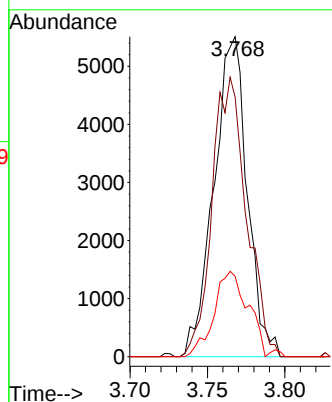
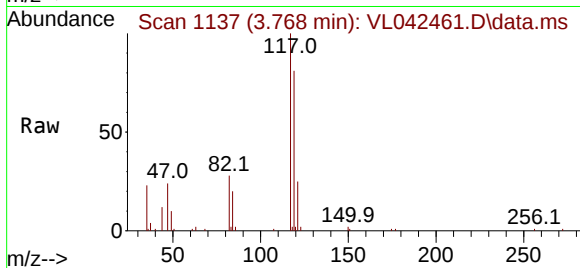
Tgt Ion:117 Resp: 8286

Ion Ratio Lower Upper

117 100

119 81.2 78.1 117.1

121 25.1 23.0 34.6



#36

Benzene

Concen: 0.490 ppbv

RT: 3.655 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

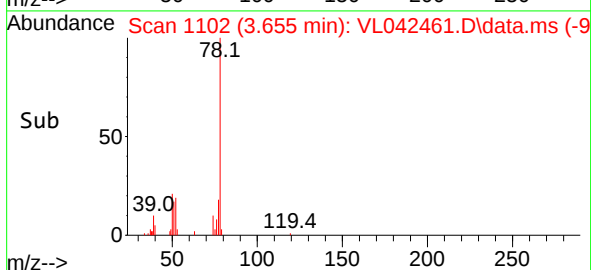
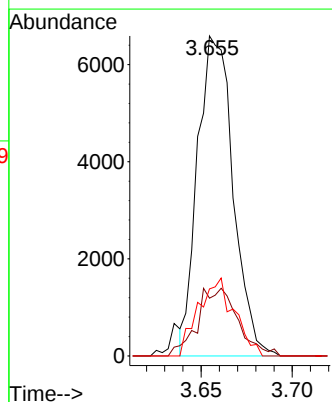
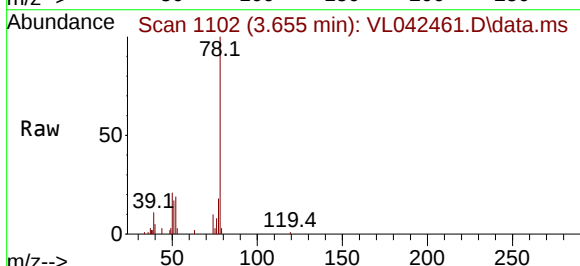
Tgt Ion: 78 Resp: 8951

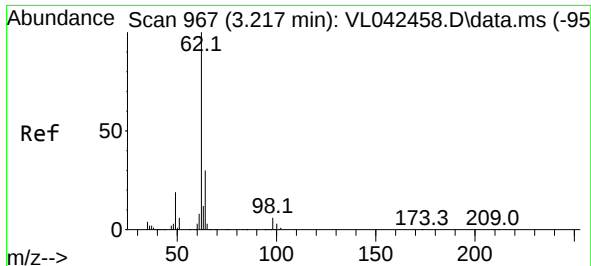
Ion Ratio Lower Upper

78 100

77 18.0 18.9 28.3#

50 20.9 18.4 27.6

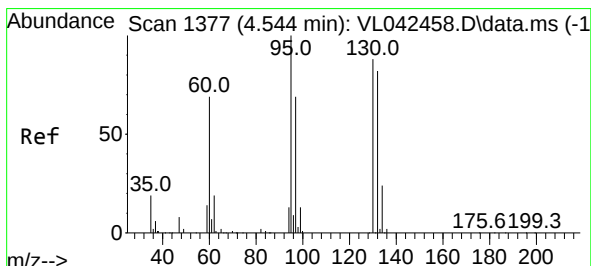
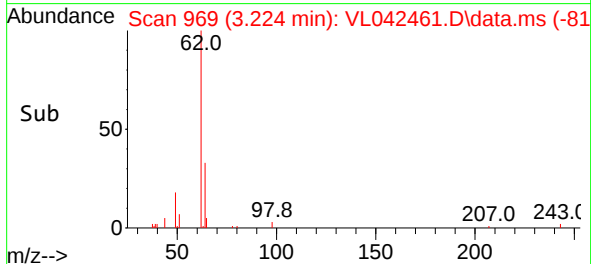
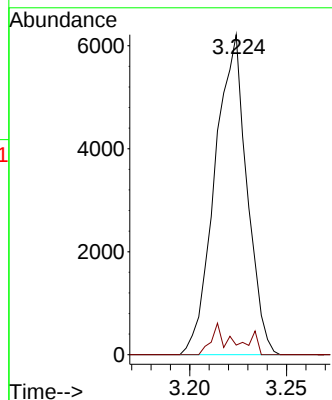
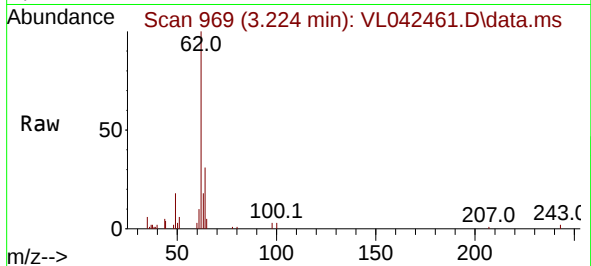




#37
1,2-Dichloroethane
Concen: 0.507 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

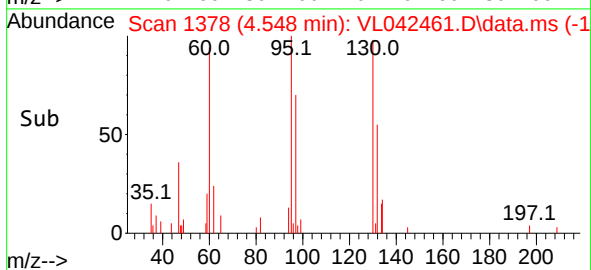
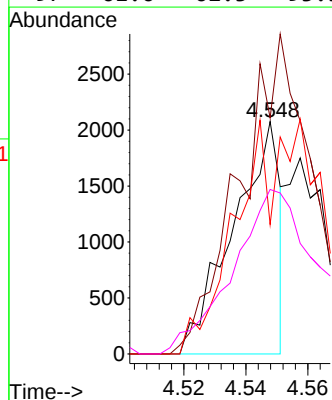
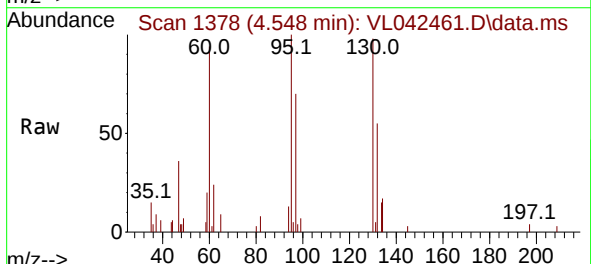
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

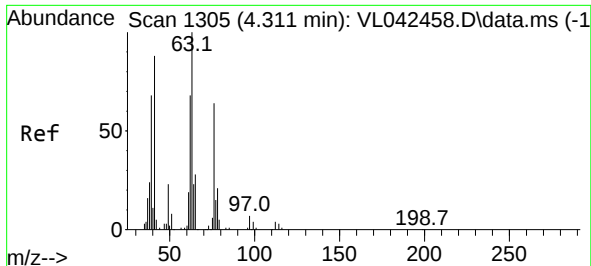
Tgt Ion: 62 Resp: 7149
Ion Ratio Lower Upper
62 100
98 7.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.312 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 130 Resp: 2173
Ion Ratio Lower Upper
130 100
95 97.7 91.0 136.4
132 55.7 74.2 111.4#
97 61.6 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.387 ppbv

RT: 4.321 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

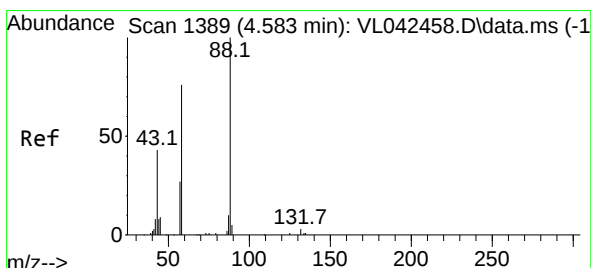
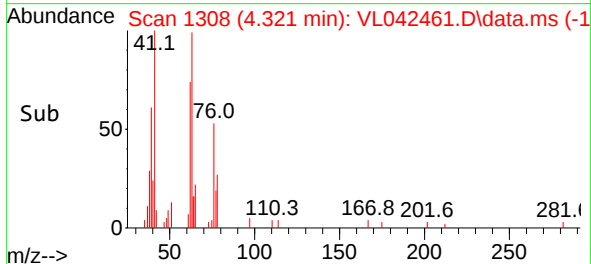
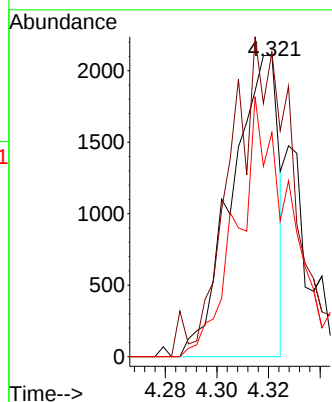
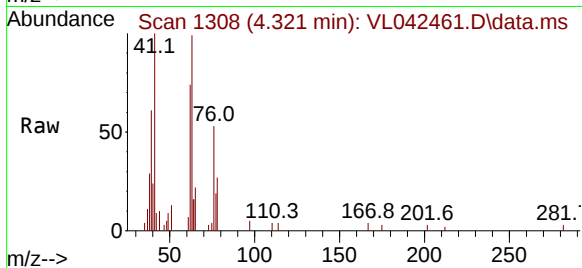
Tgt Ion: 63 Resp: 2649

Ion Ratio Lower Upper

63 100

41 73.6 69.8 104.6

62 63.8 54.3 81.5



#40

1,4-Dioxane

Concen: 0.138 ppbv

RT: 4.600 min Scan# 1394

Delta R.T. 0.016 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Tgt Ion: 88 Resp: 438

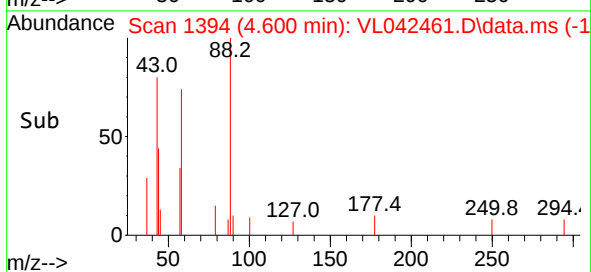
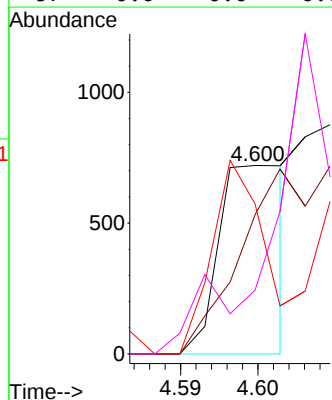
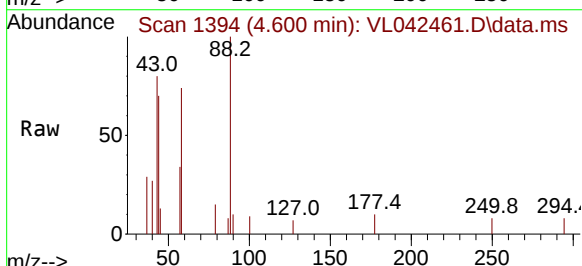
Ion Ratio Lower Upper

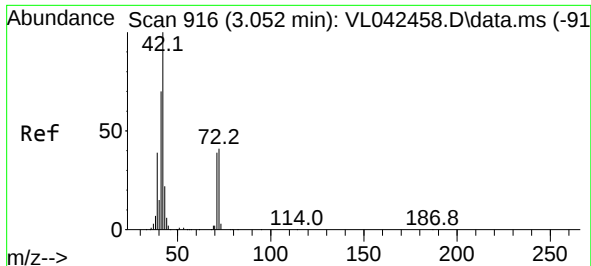
88 100

58 18.5 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

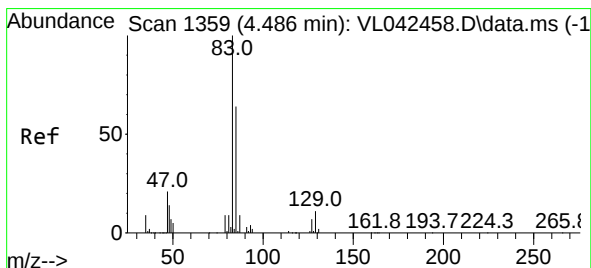
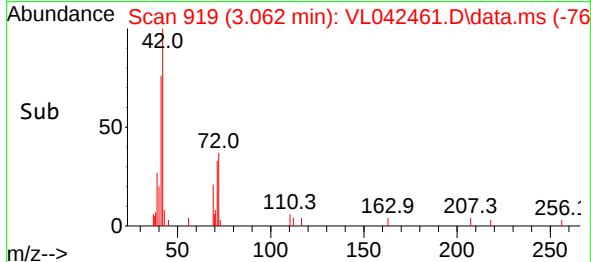
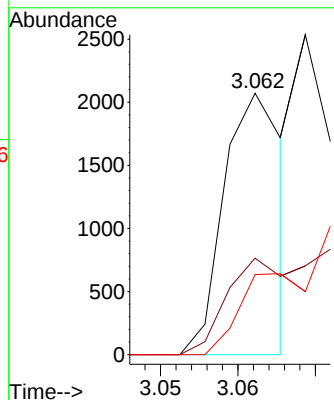
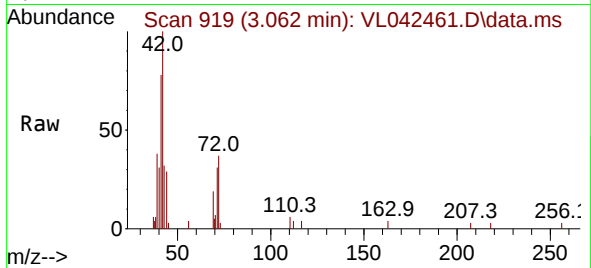




#41
Tetrahydrofuran
Concen: 0.167 ppbv
RT: 3.062 min Scan# 916
Delta R.T. 0.010 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

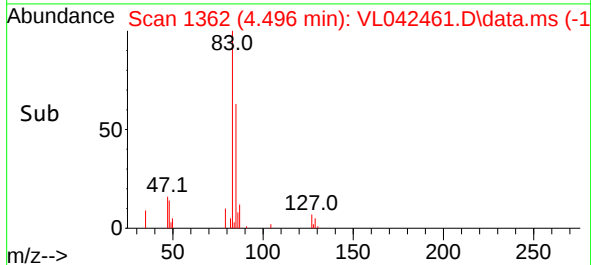
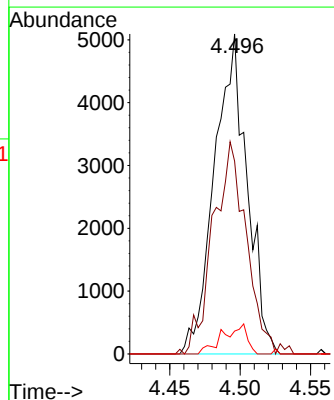
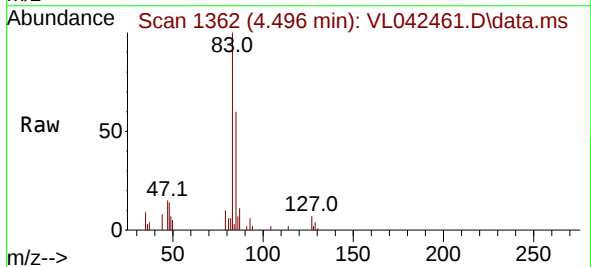
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

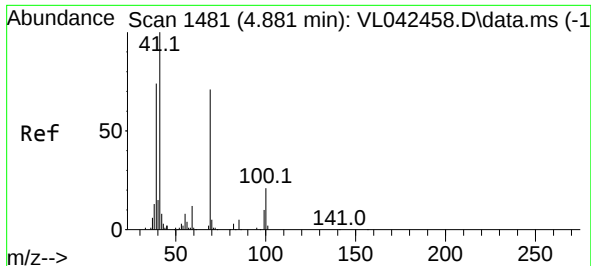
Tgt Ion: 42 Resp: 1107
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.477 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 83 Resp: 8212
Ion Ratio Lower Upper
83 100
85 58.8 51.5 77.3
127 7.1 5.4 8.2





#43

Methyl Methacrylate

Concen: 0.213 ppbv

RT: 4.891 min Scan# 1484

Delta R.T. 0.010 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

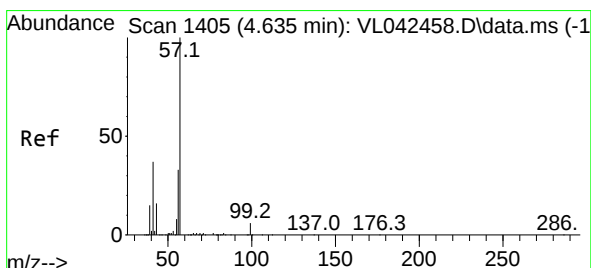
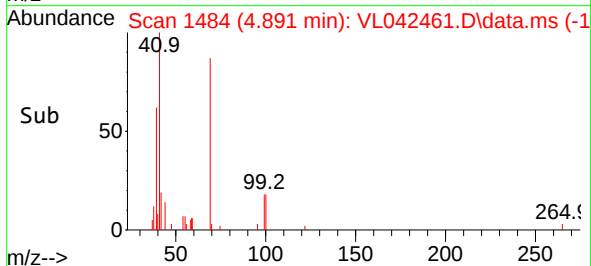
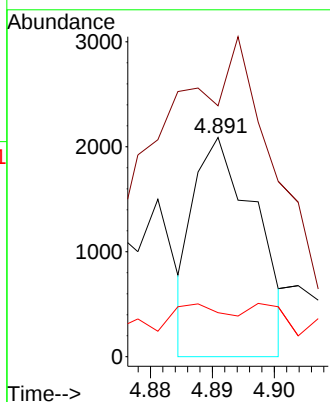
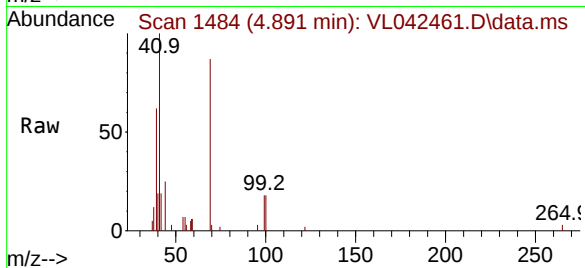
Tgt Ion: 69 Resp: 1450

Ion Ratio Lower Upper

69 100

41 365.2 120.8 181.2#

100 73.4 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.277 ppbv

RT: 4.638 min Scan# 1406

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

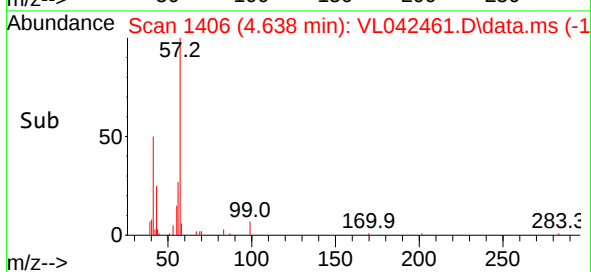
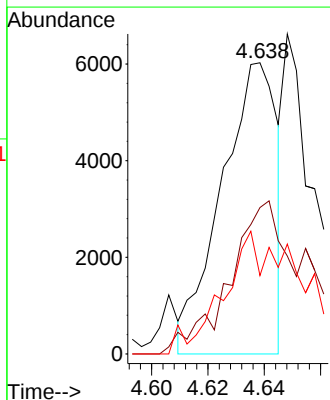
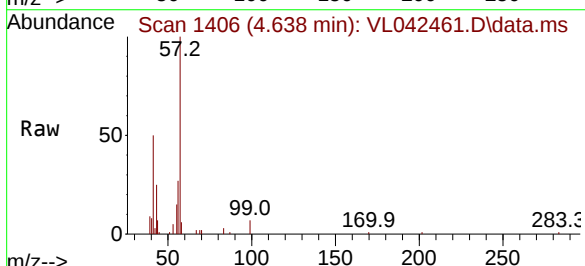
Tgt Ion: 57 Resp: 8185

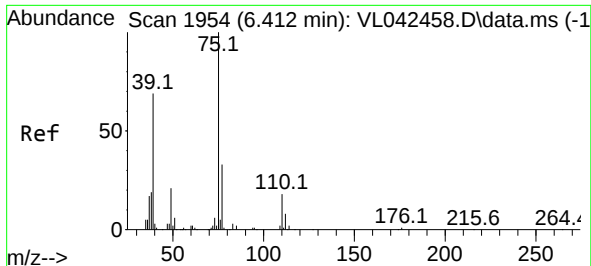
Ion Ratio Lower Upper

57 100

41 74.7 30.6 45.8#

56 61.6 25.0 37.6#

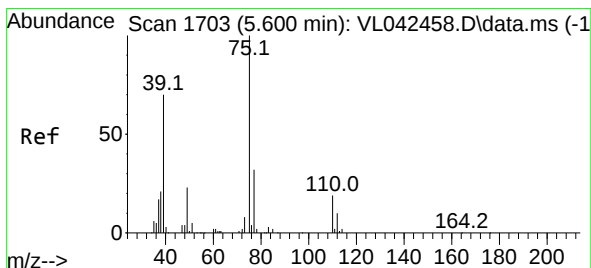
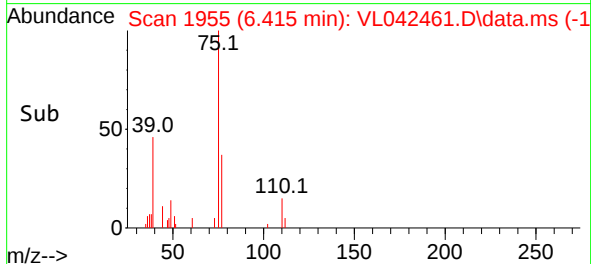
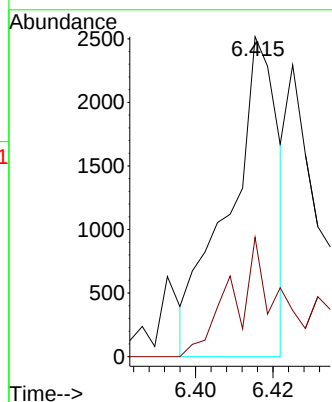
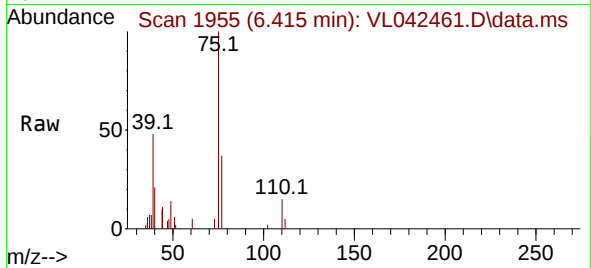




#45
 t-1,3-Dichloropropene
 Concen: 0.248 ppbv
 RT: 6.415 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

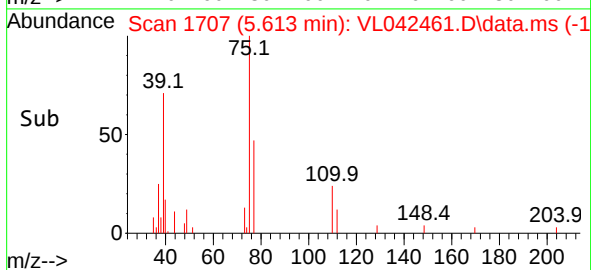
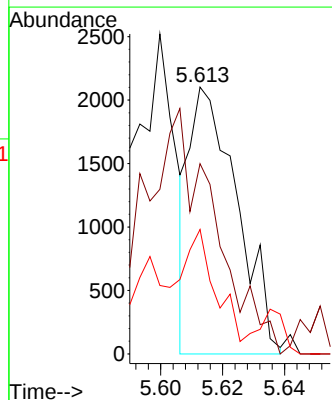
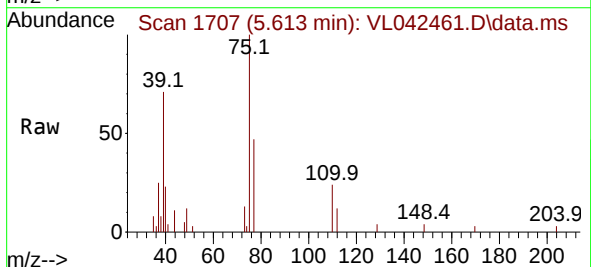
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

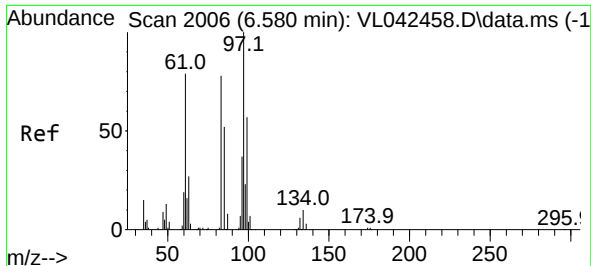
Tgt Ion: 75 Resp: 2226
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.212 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.013 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 75 Resp: 2250
 Ion Ratio Lower Upper
 75 100
 39 73.1 55.7 83.5
 77 32.5 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 0.064 ppbv

RT: 6.593 min Scan# 2006

Delta R.T. 0.013 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 478

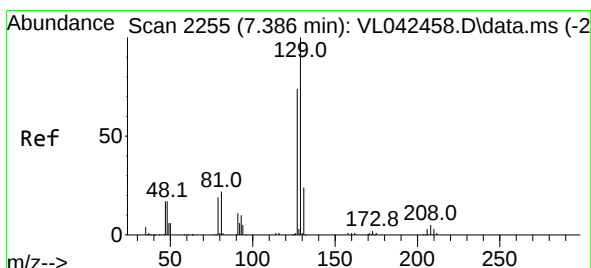
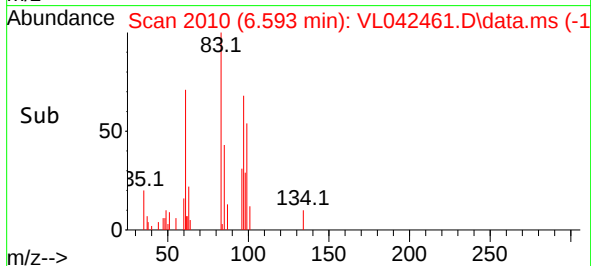
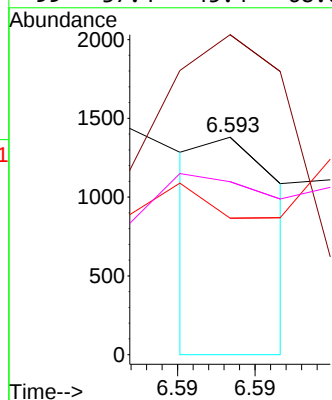
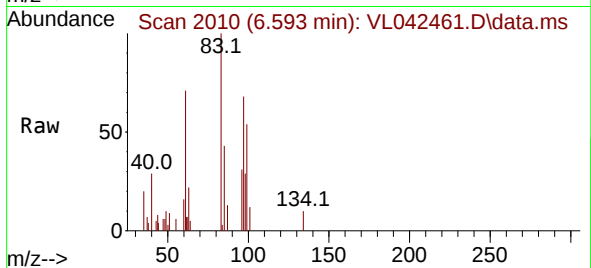
Ion Ratio Lower Upper

97 100

83 79.6 62.2 93.2

85 0.0 41.5 62.3#

99 37.4 45.4 68.0#



#48

Dibromochloromethane

Concen: 0.136 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. 0.003 min

Lab File: VL042461.D

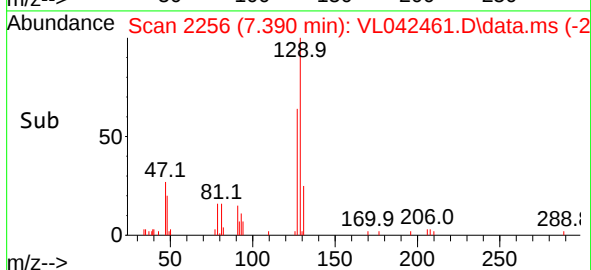
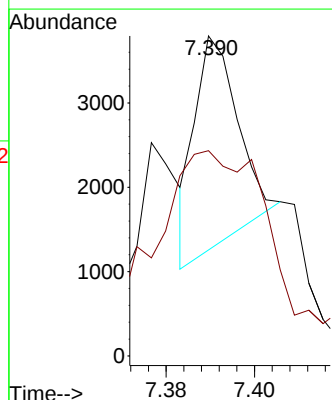
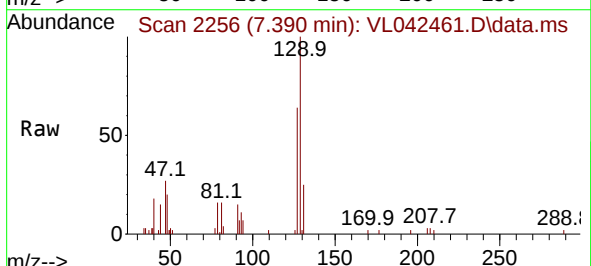
Acq: 01 May 2025 10:40

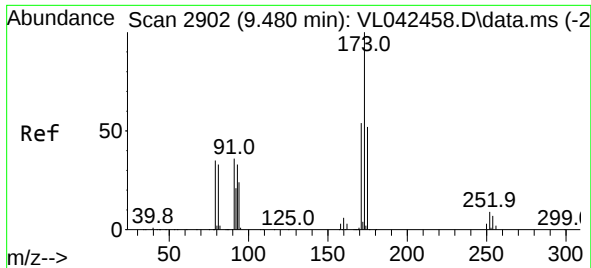
Tgt Ion: 129 Resp: 1718

Ion Ratio Lower Upper

129 100

127 273.9 39.5 118.5#





#49

Bromoform

Concen: 0.492 ppbv

RT: 9.484 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

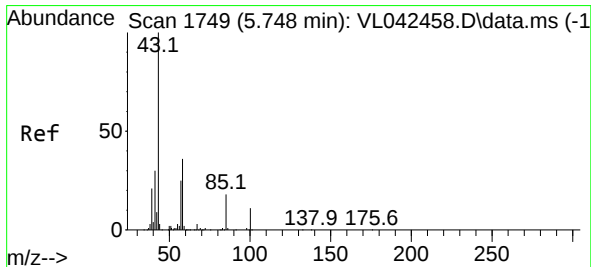
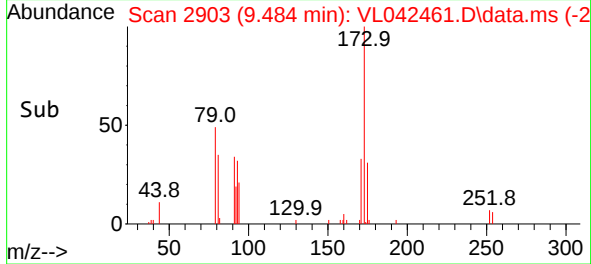
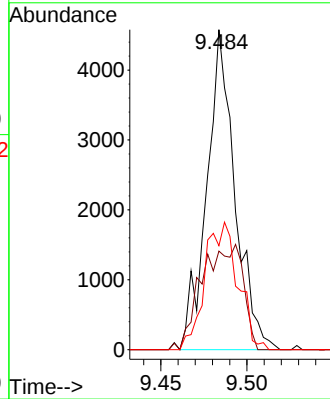
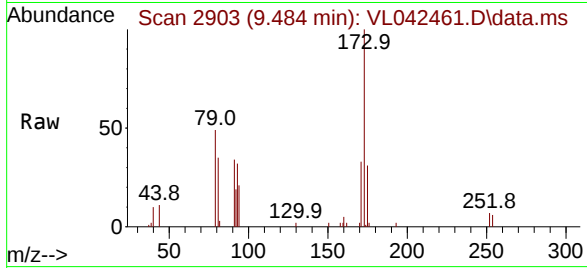
Tgt Ion:173 Resp: 5228

Ion Ratio Lower Upper

173 100

175 48.2 38.9 58.3

171 46.7 40.6 60.8



#50

4-Methyl-2-Pentanone

Concen: 0.069 ppbv

RT: 5.755 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VL042461.D

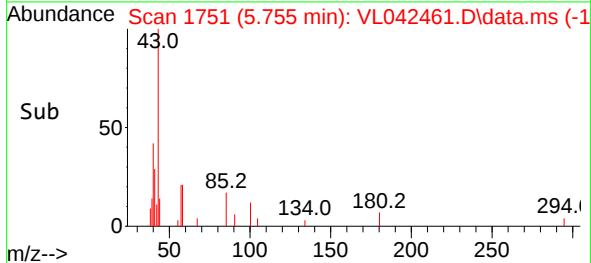
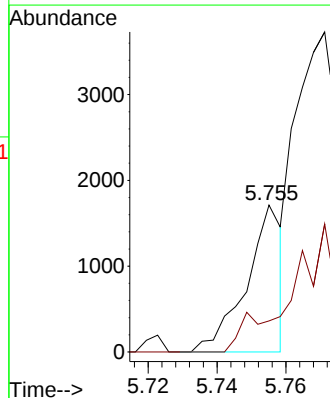
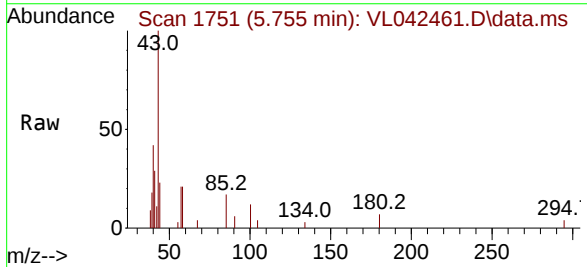
Acq: 01 May 2025 10:40

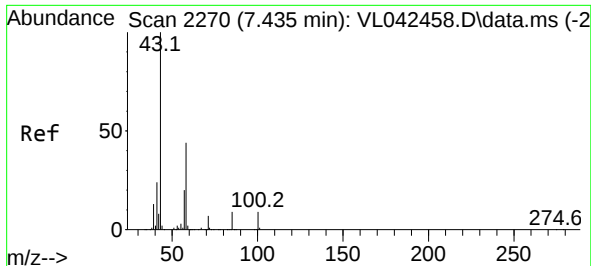
Tgt Ion: 43 Resp: 1231

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

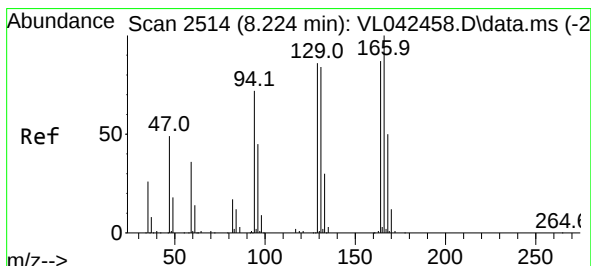
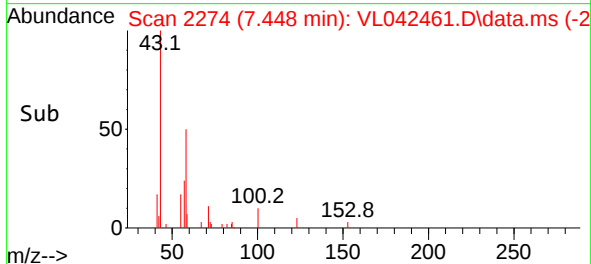
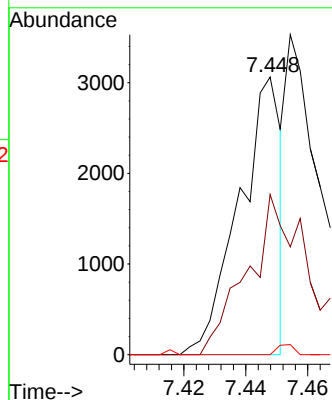
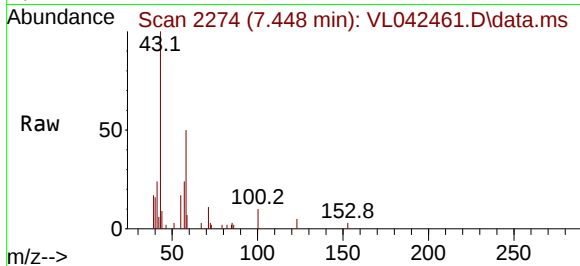




#51
2-Hexanone
Concen: 0.202 ppbv
RT: 7.448 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

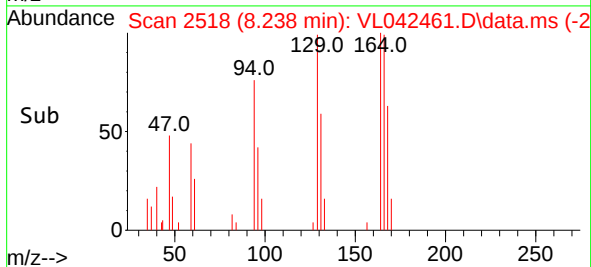
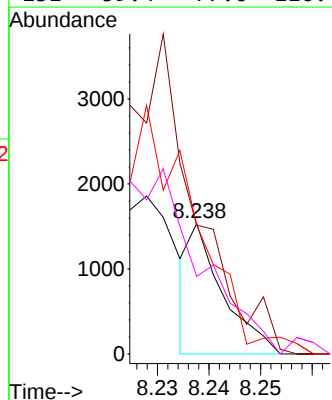
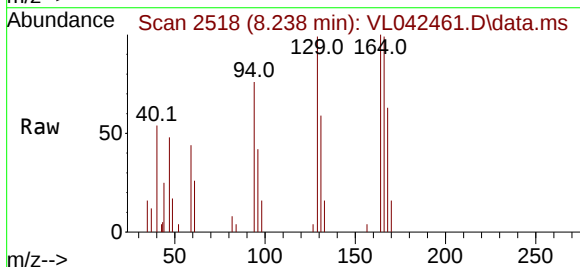
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

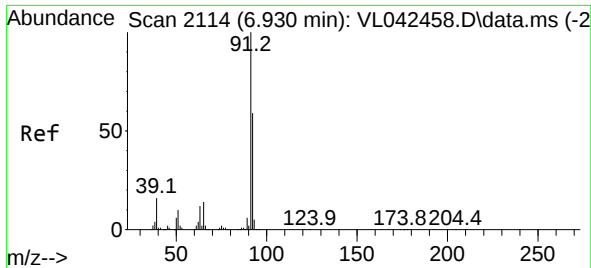
Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
58 98.9 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.100 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 164 Resp: 694
Ion Ratio Lower Upper
164 100
166 95.0 91.6 137.4
129 85.7 79.0 118.4
131 59.4 77.6 116.4#

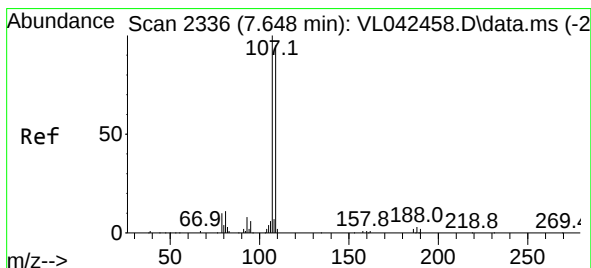
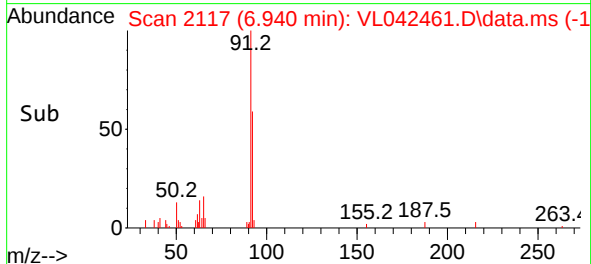
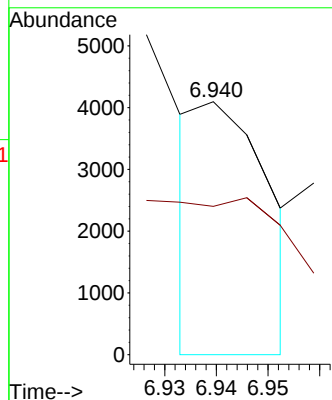
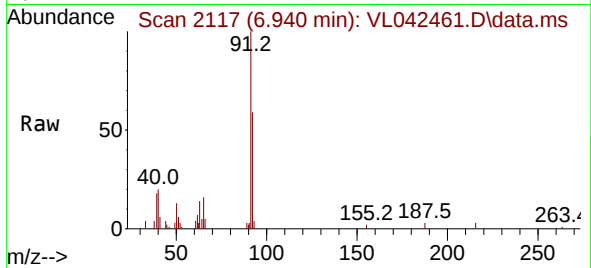




#53
Toluene
Concen: 0.101 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

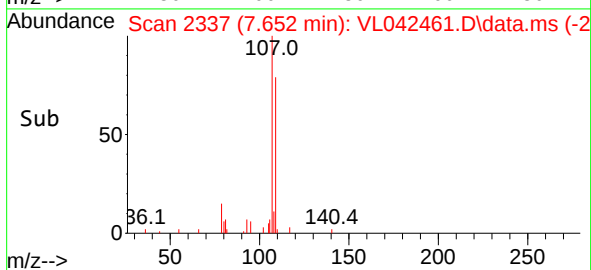
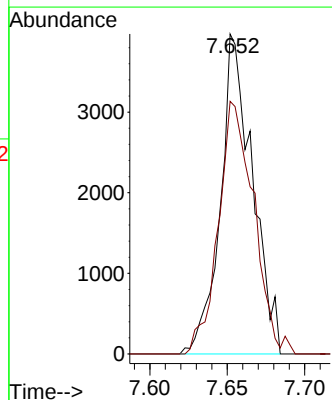
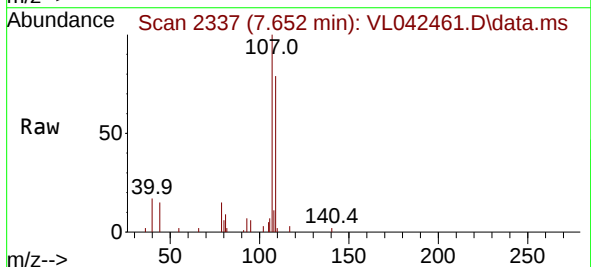
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

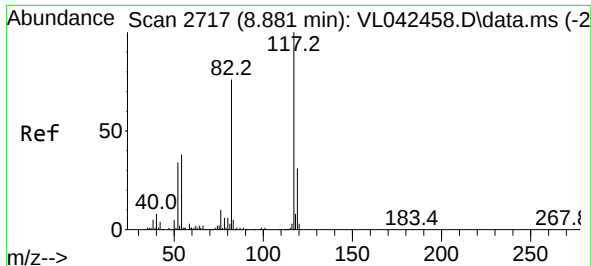
Tgt Ion: 91 Resp: 1946
Ion Ratio Lower Upper
91 100
92 265.3 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.494 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 107 Resp: 5705
Ion Ratio Lower Upper
107 100
109 78.9 76.0 114.0

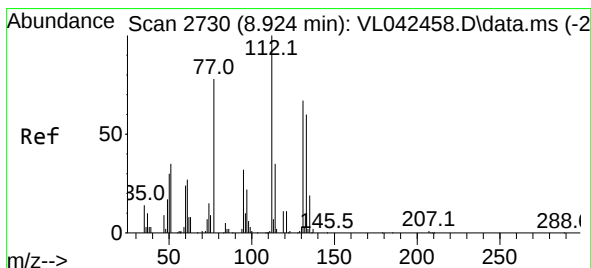
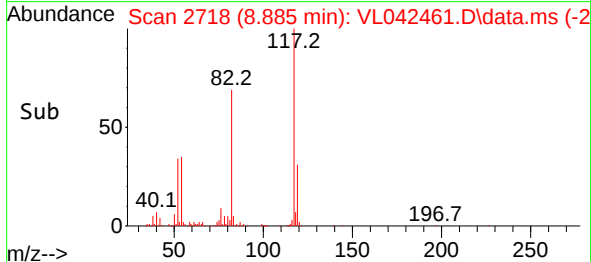
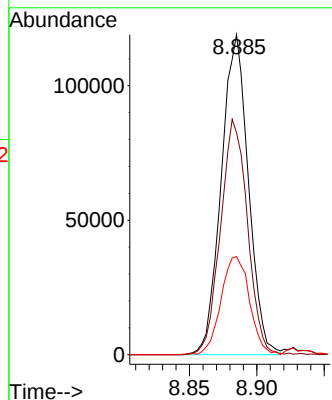
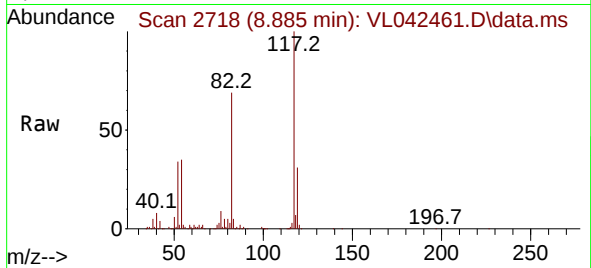




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

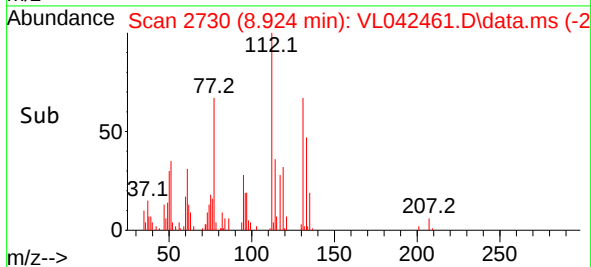
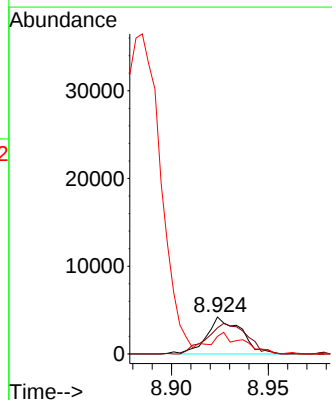
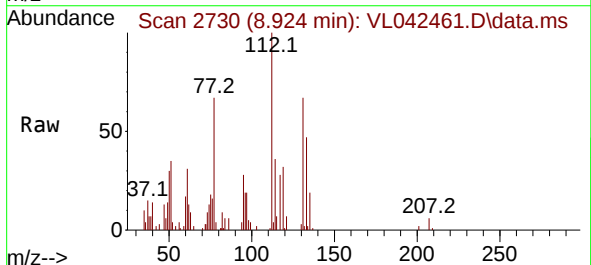
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 166625
Ion Ratio Lower Upper
117 100
82 73.2 63.5 95.3
119 32.3 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.524 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:131 Resp: 5152
Ion Ratio Lower Upper
131 100
133 98.8 76.0 114.0
119 45.8 46.1 69.1#





#57

Chlorobenzene

Concen: 0.548 ppbv

RT: 8.924 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

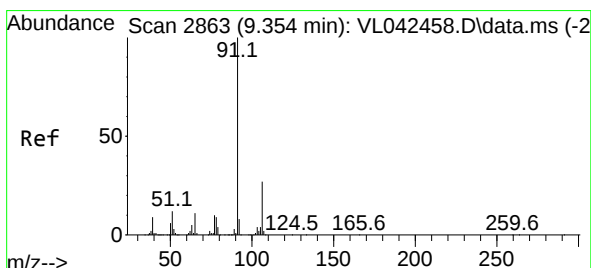
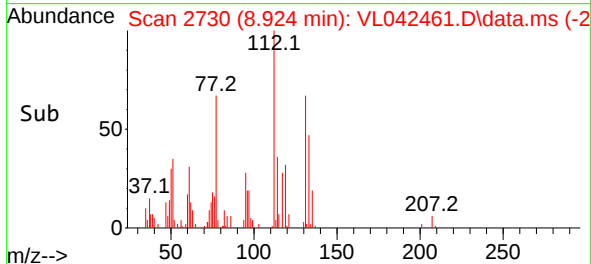
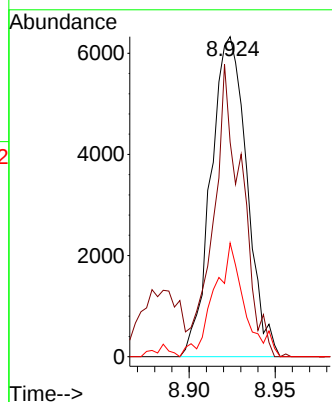
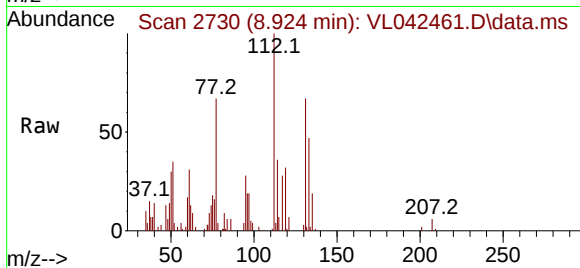
Tgt Ion:112 Resp: 9173

Ion Ratio Lower Upper

112 100

77 67.1 65.0 97.4

114 35.5 27.5 33.7#



#58

Ethyl Benzene

Concen: 0.446 ppbv

RT: 9.357 min Scan# 2864

Delta R.T. 0.003 min

Lab File: VL042461.D

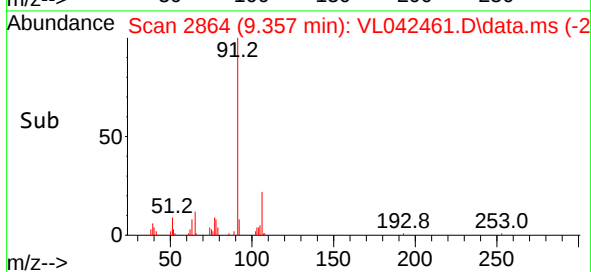
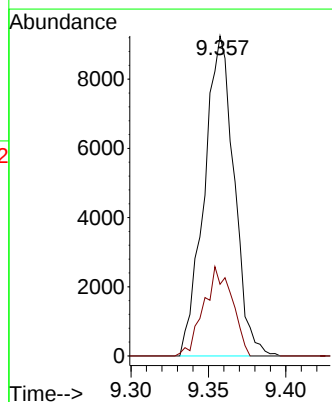
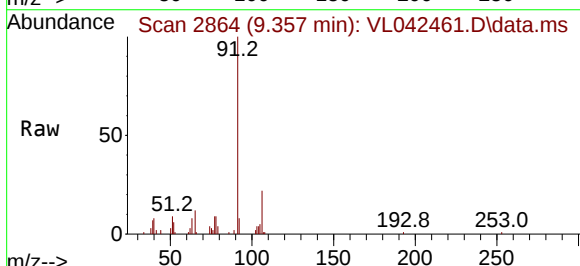
Acq: 01 May 2025 10:40

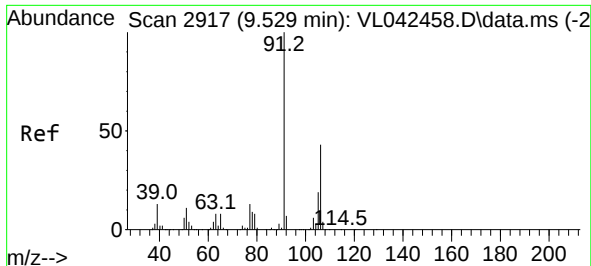
Tgt Ion: 91 Resp: 12427

Ion Ratio Lower Upper

91 100

106 22.4 21.9 32.9





#59

m/p-Xylene

Concen: 0.515 ppbv

RT: 9.535 min Scan# 2917

Delta R.T. 0.007 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_1

ClientSampleId :

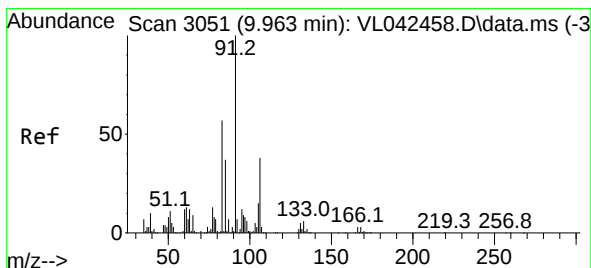
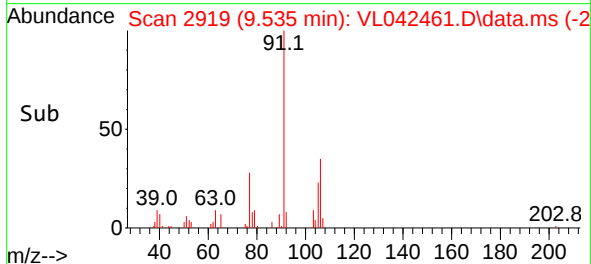
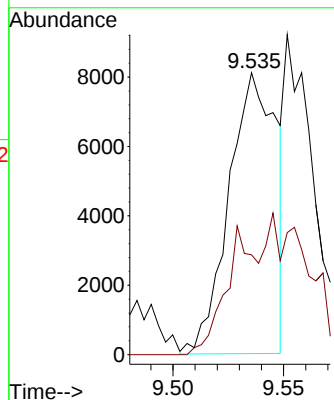
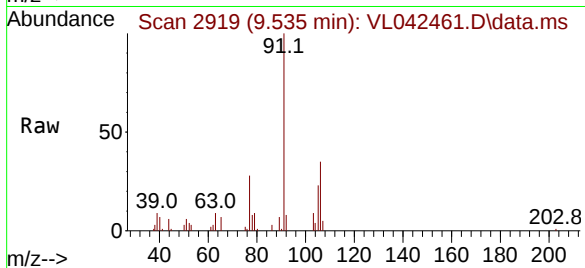
VSTDICC0.5

Tgt Ion: 91 Resp: 12016

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.424 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL042461.D

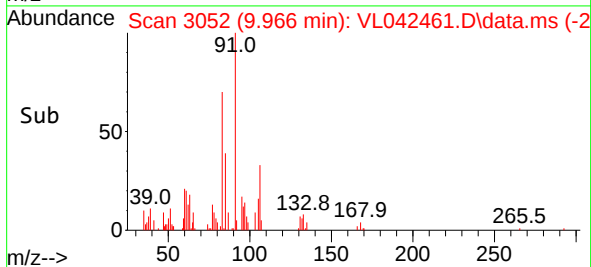
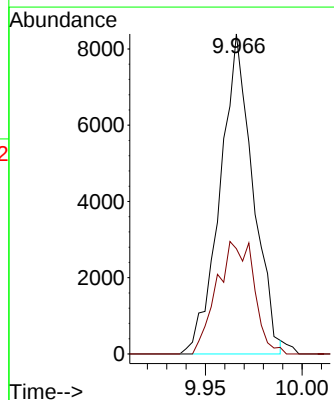
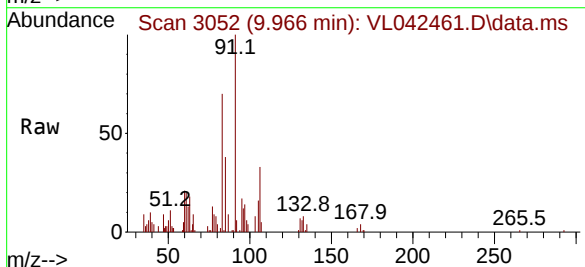
Acq: 01 May 2025 10:40

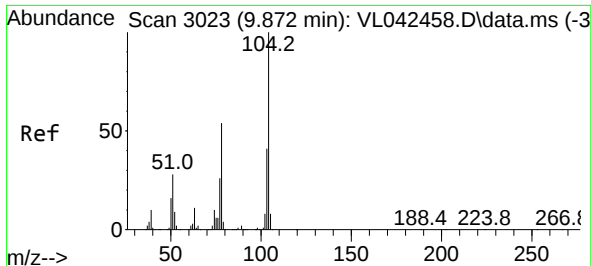
Tgt Ion: 91 Resp: 9891

Ion Ratio Lower Upper

91 100

106 40.0 20.1 60.2

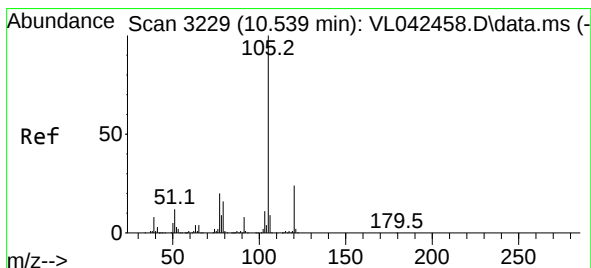
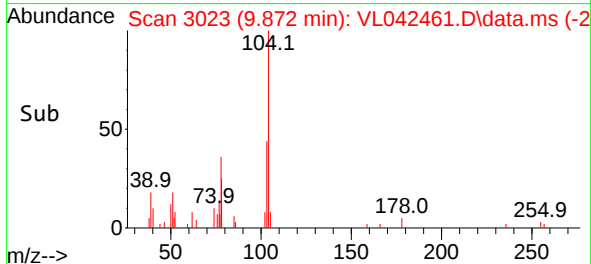
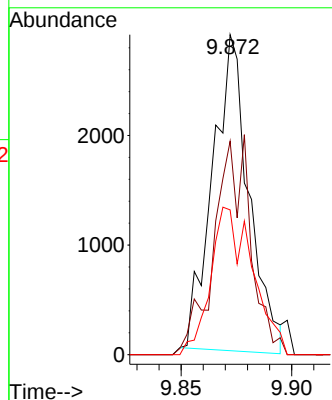
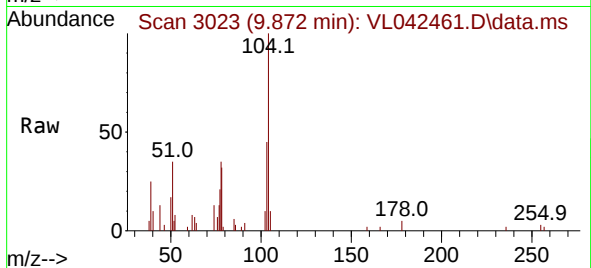




#61
Styrene
Concen: 0.377 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

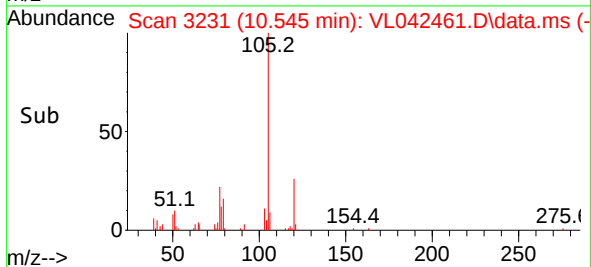
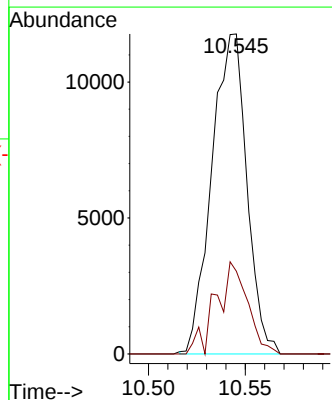
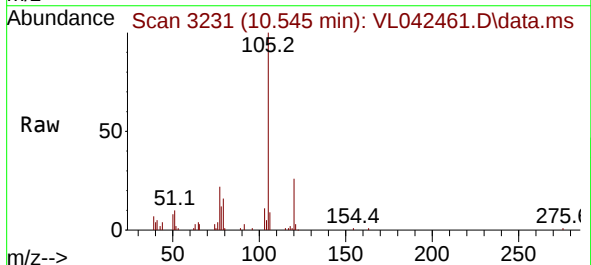
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

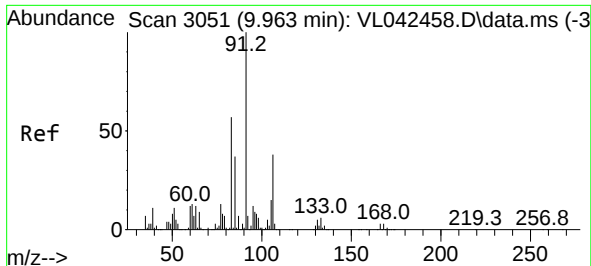
Tgt Ion:104 Resp: 3286
Ion Ratio Lower Upper
104 100
78 68.7 46.9 70.3
103 53.9 36.6 55.0



#62
Isopropylbenzene
Concen: 0.440 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:105 Resp: 14837
Ion Ratio Lower Upper
105 100
120 26.0 18.8 28.2

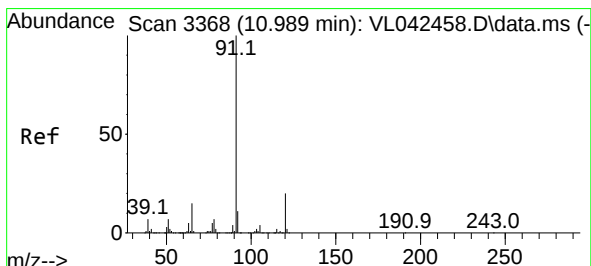
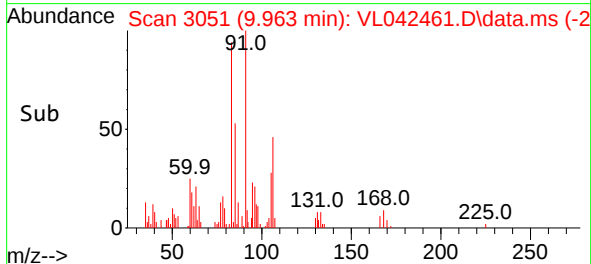
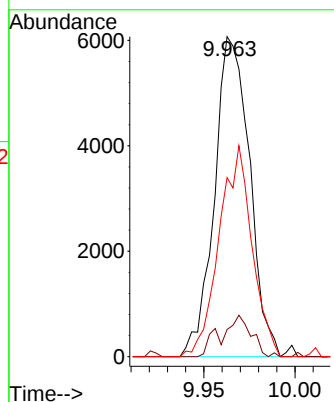
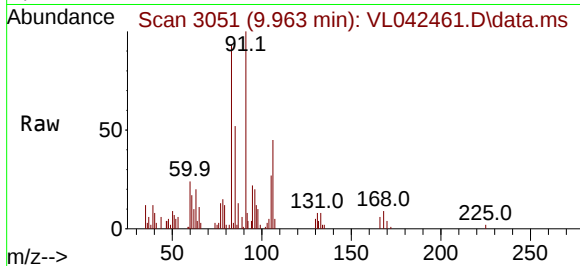




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.537 ppbv
 RT: 9.963 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

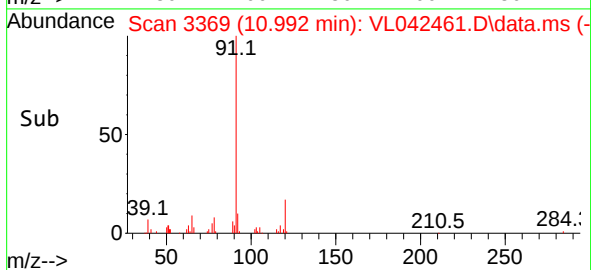
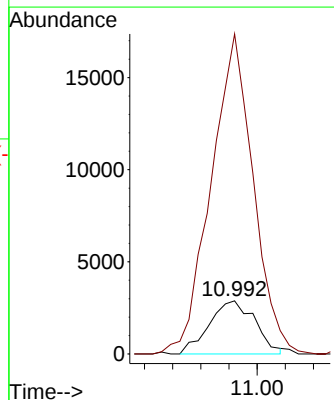
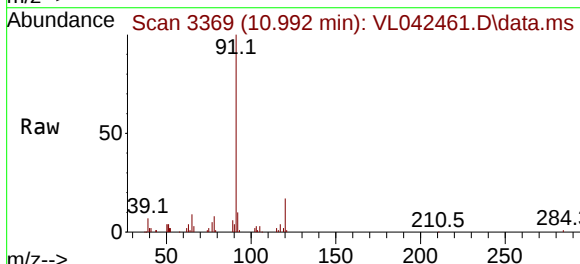
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

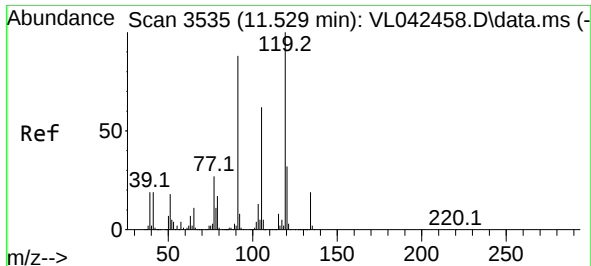
Tgt Ion:	83	Resp:	8135
Ion	Ratio	Lower	Upper
83	100		
131	11.9	4.7	14.1
85	61.7	32.5	97.4



#64
 n-propylbenzene
 Concen: 0.397 ppbv
 RT: 10.992 min Scan# 3369
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion:	120	Resp:	3259
Ion	Ratio	Lower	Upper
120	100		
91	559.5	408.6	612.8

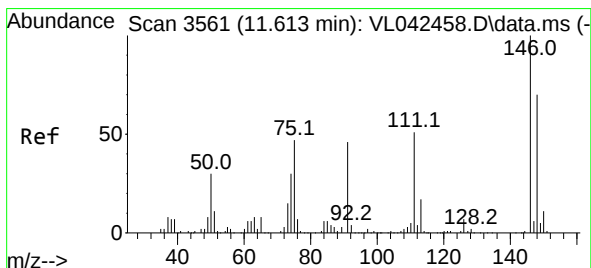
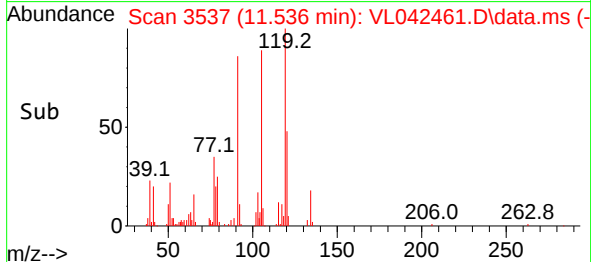
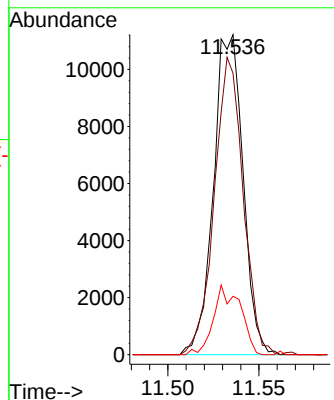
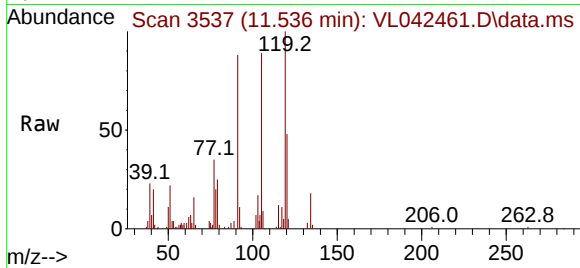




#65
tert-Butylbenzene
Concen: 0.421 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

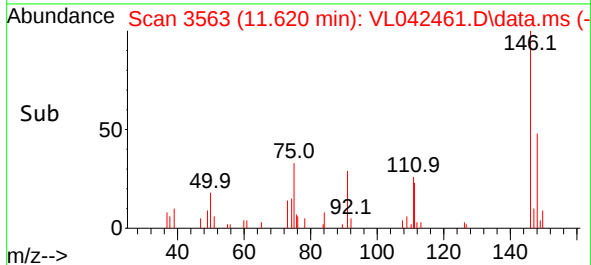
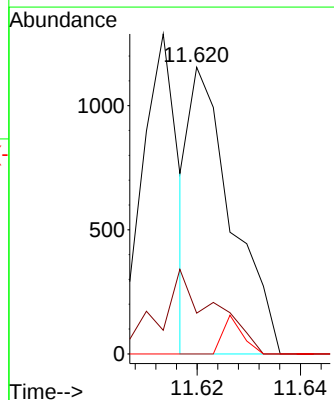
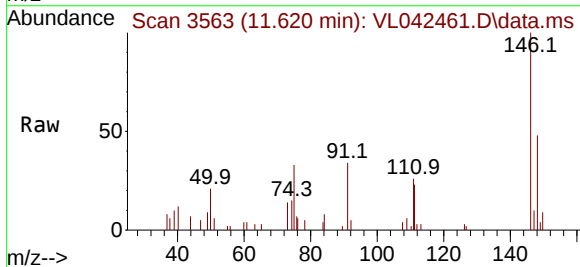
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

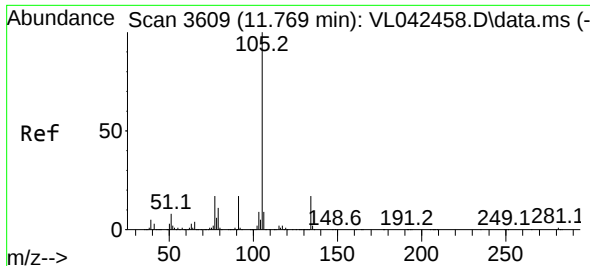
Tgt Ion:119 Resp: 12655
Ion Ratio Lower Upper
119 100
91 90.6 71.6 107.4
134 19.9 15.0 22.4



#66
Benzyl Chloride
Concen: 0.187 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 91 Resp: 651
Ion Ratio Lower Upper
91 100
126 38.4 13.3 19.9#
128 0.0 4.2 6.4#

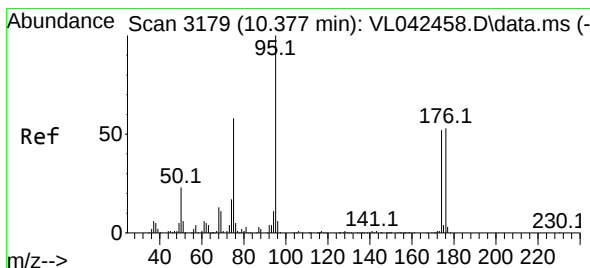
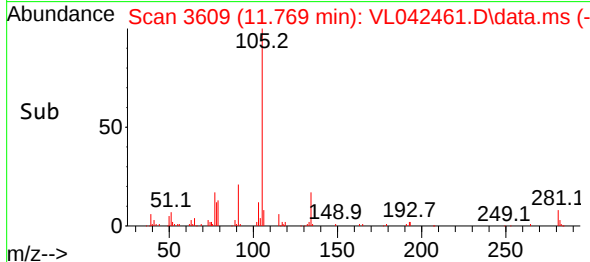
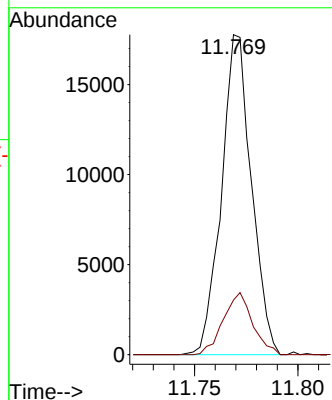
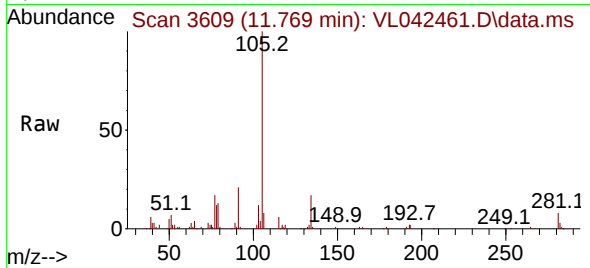




#67
 sec-Butylbenzene
 Concen: 0.419 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

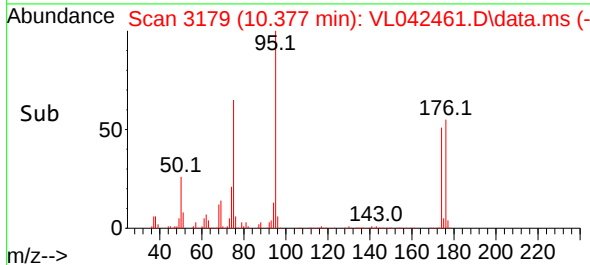
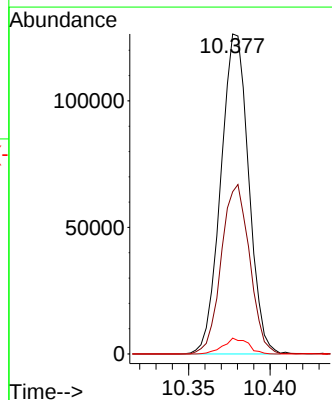
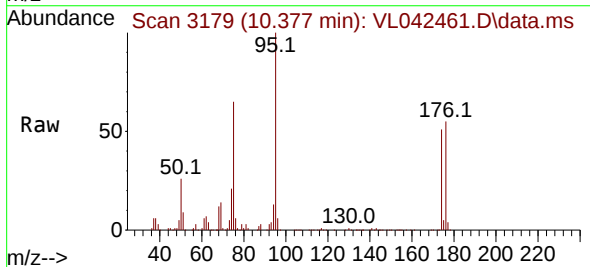
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

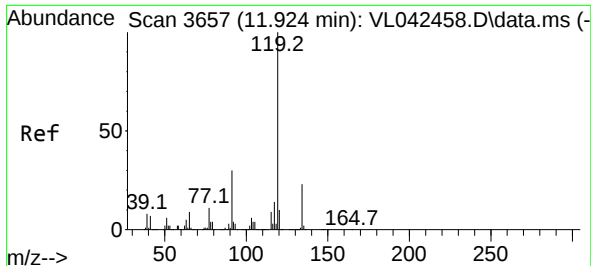
Tgt Ion:105 Resp: 17905
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.728 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 95 Resp: 150277
 Ion Ratio Lower Upper
 95 100
 174 53.8 42.7 64.1
 175 4.4 3.6 5.4

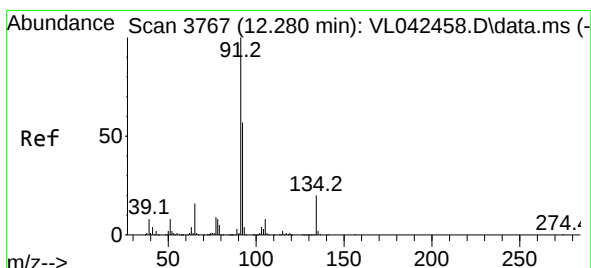
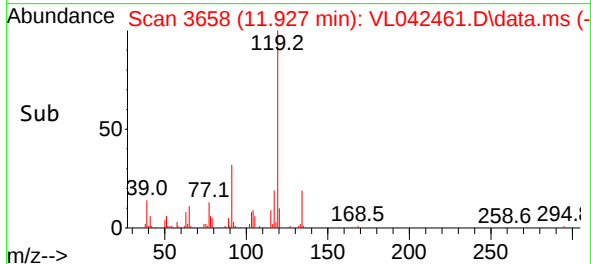
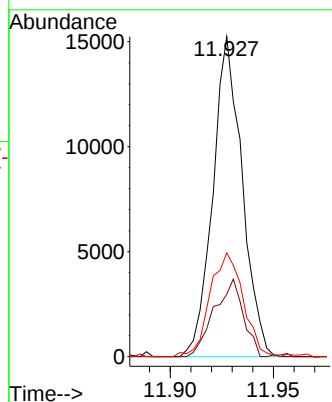
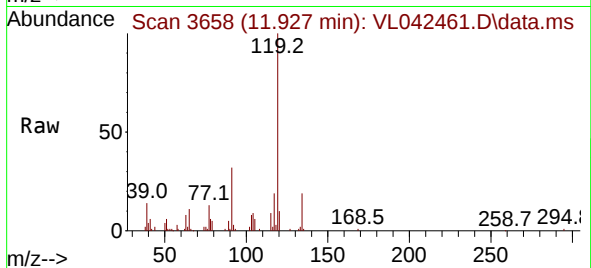




#69
p-Isopropyltoluene
Concen: 0.417 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

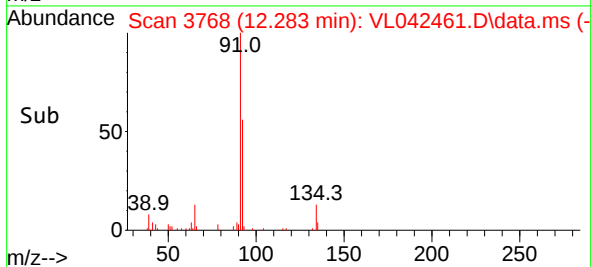
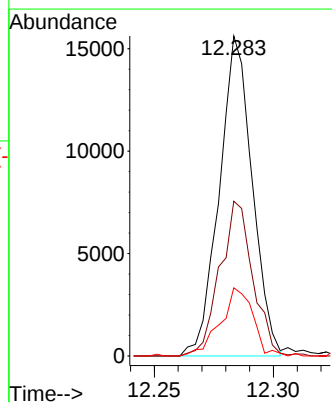
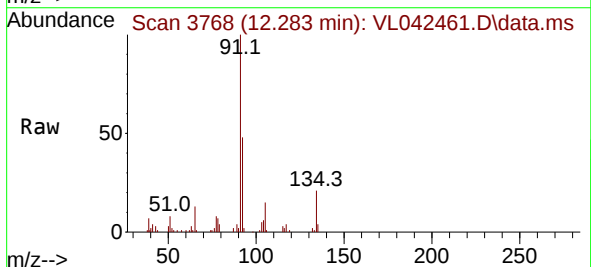
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

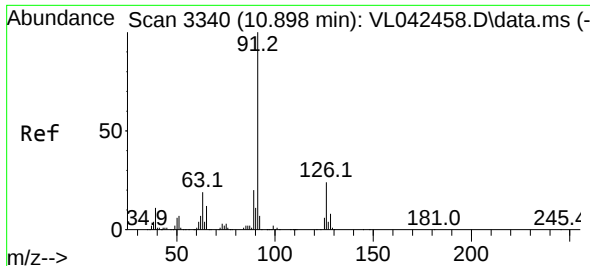
Tgt Ion:119 Resp: 15036
Ion Ratio Lower Upper
119 100
134 24.5 19.0 28.4
91 37.4 25.5 38.3



#70
n-Butylbenzene
Concen: 0.403 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 91 Resp: 15016
Ion Ratio Lower Upper
91 100
92 48.4 44.0 66.0
134 21.6 16.8 25.2

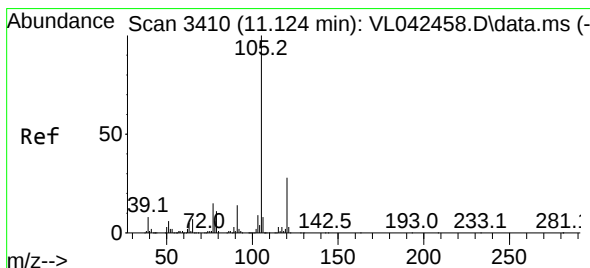
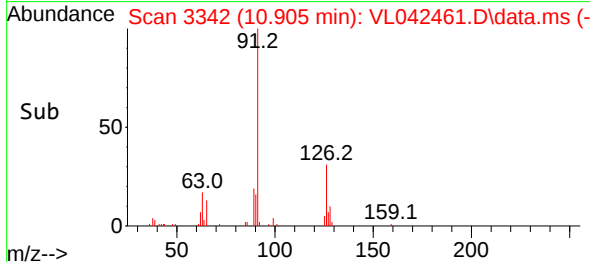
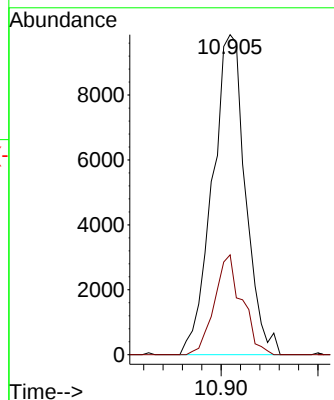
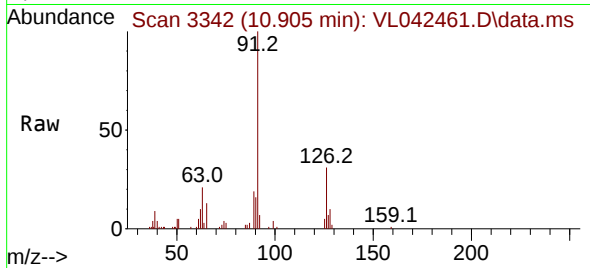




#71
2-Chlorotoluene
Concen: 0.443 ppbv
RT: 10.905 min Scan# 311
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

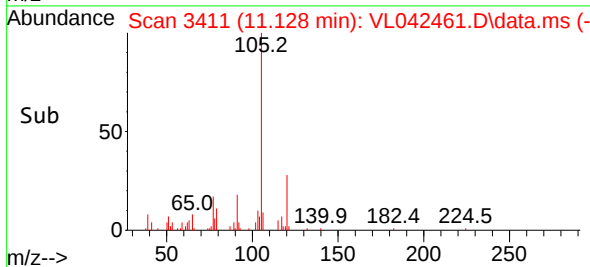
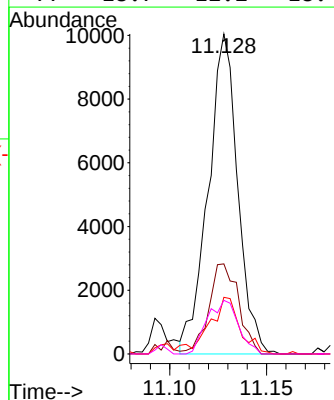
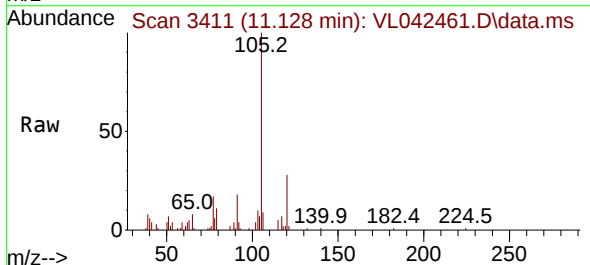
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

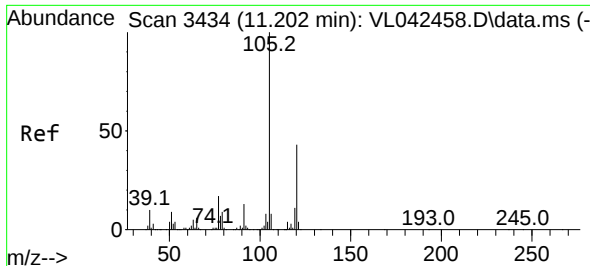
Tgt Ion: 91 Resp: 11702
Ion Ratio Lower Upper
91 100
126 26.0 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.387 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 105 Resp: 10671
Ion Ratio Lower Upper
105 100
120 30.2 22.0 33.0
91 20.6 11.2 16.8#
77 18.7 12.2 18.4#

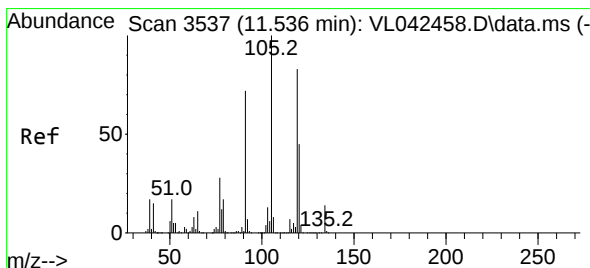
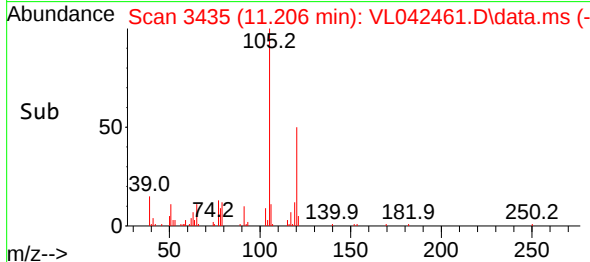
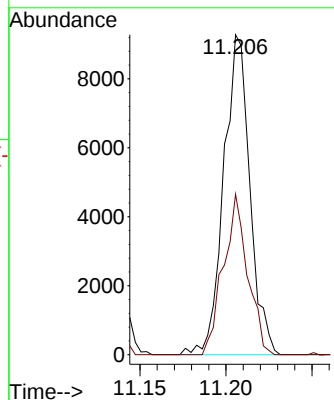
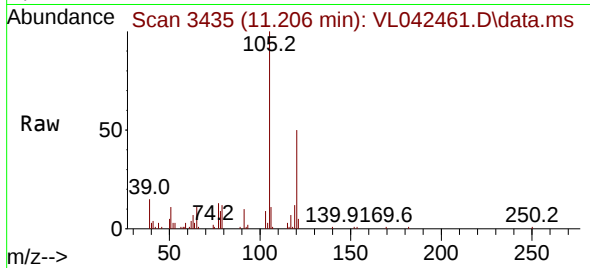




#73
1,3,5-Trimethylbenzene
Concen: 0.405 ppbv
RT: 11.206 min Scan# 3435
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

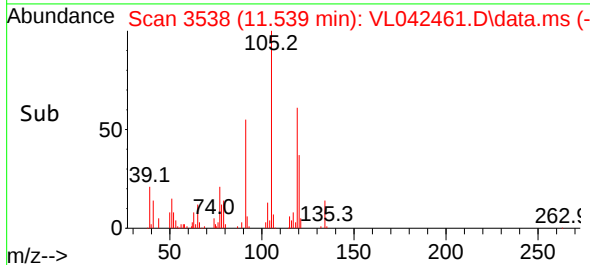
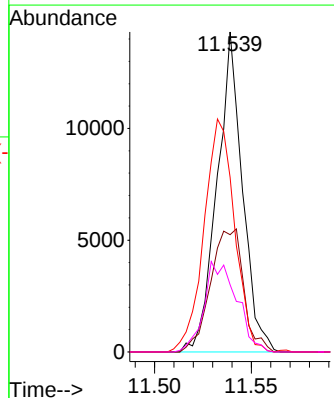
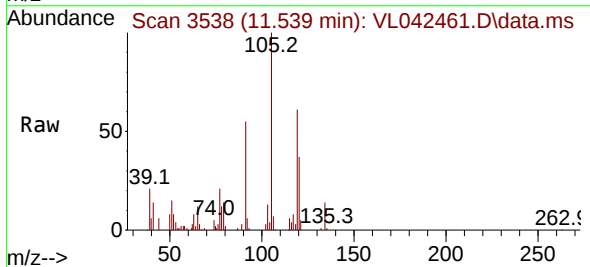
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

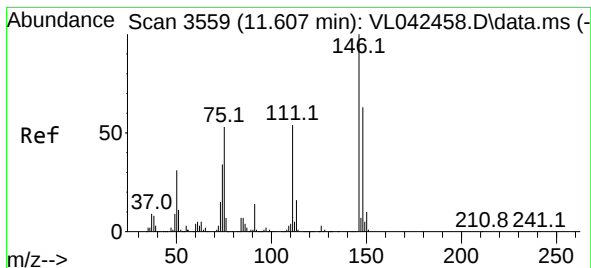
Tgt Ion:105 Resp: 9808
Ion Ratio Lower Upper
105 100
120 50.2 34.4 51.6



#74
1,2,4-Trimethylbenzene
Concen: 0.445 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:105 Resp: 13060
Ion Ratio Lower Upper
105 100
120 36.7 36.1 54.1
91 54.1 57.6 86.4#
77 21.0 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.498 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

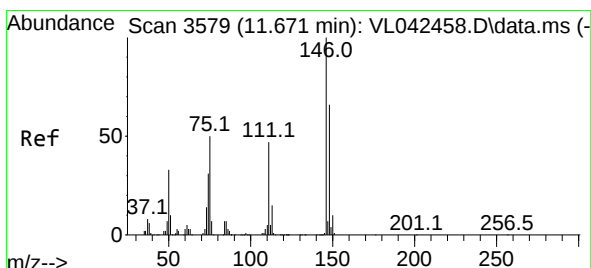
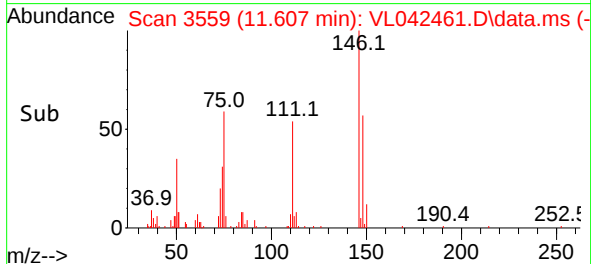
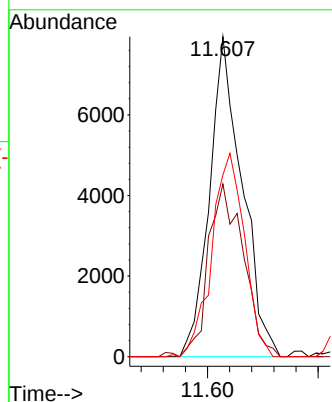
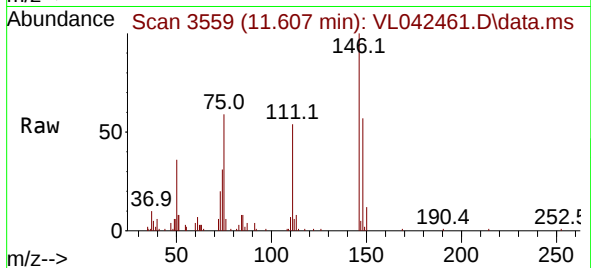
Tgt Ion:146 Resp: 8127

Ion Ratio Lower Upper

146 100

111 58.0 26.1 78.3

148 63.9 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 0.469 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

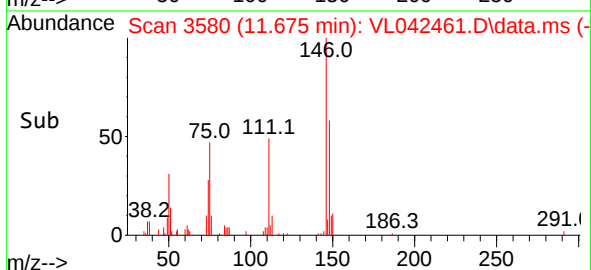
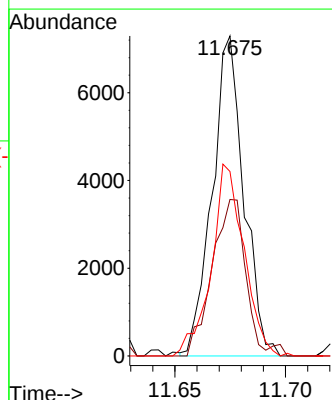
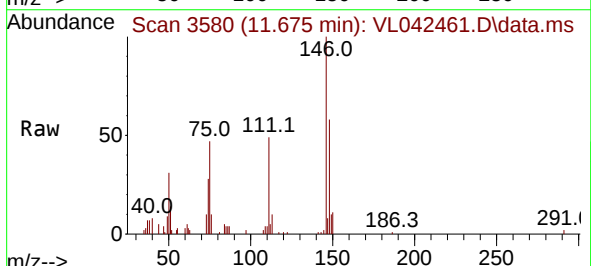
Tgt Ion:146 Resp: 7238

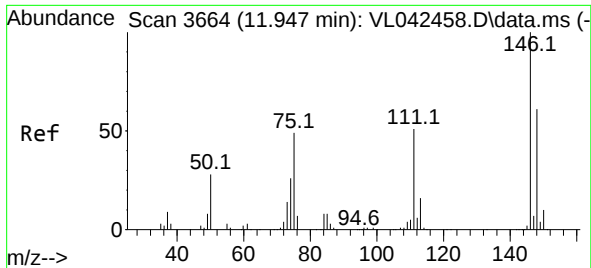
Ion Ratio Lower Upper

146 100

111 52.4 24.4 73.2

148 61.9 32.0 96.2

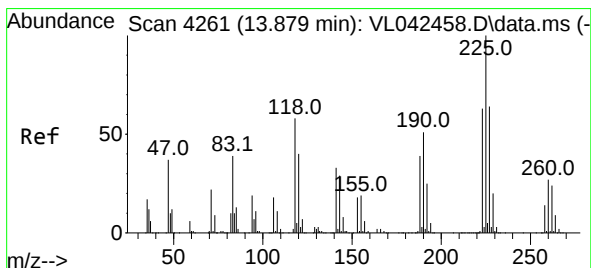
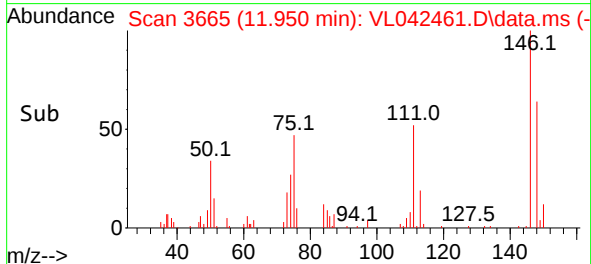
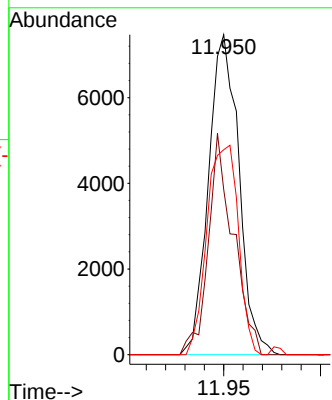
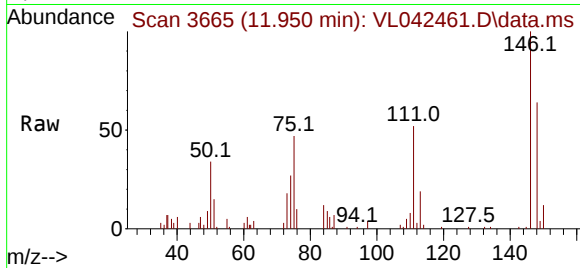




#77
1,2-Dichlorobenzene
Concen: 0.509 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

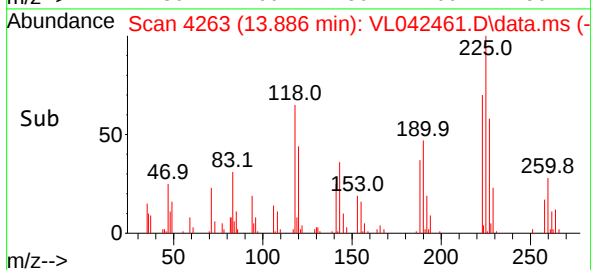
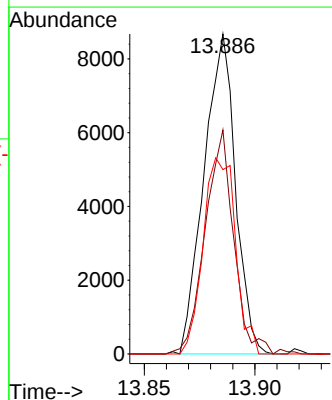
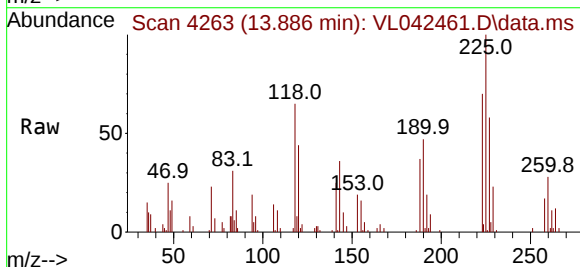
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

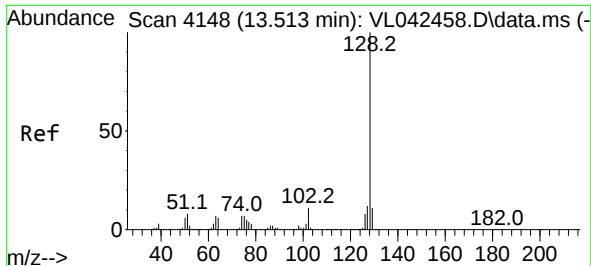
Tgt Ion:146 Resp: 8141
Ion Ratio Lower Upper
146 100
111 56.9 26.5 79.5
148 68.3 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.537 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:225 Resp: 8565
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.4
227 63.1 51.2 76.8

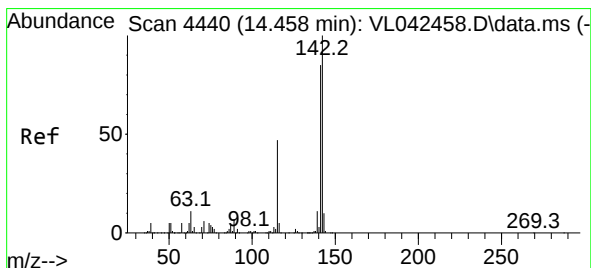
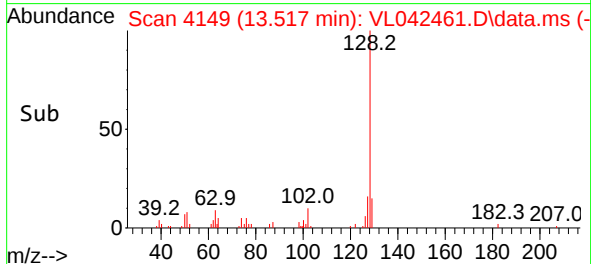
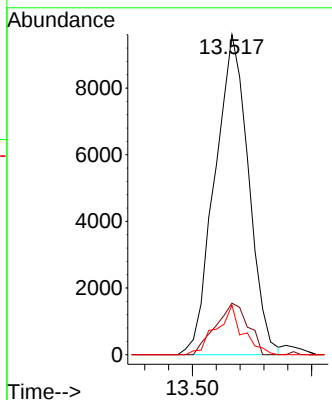
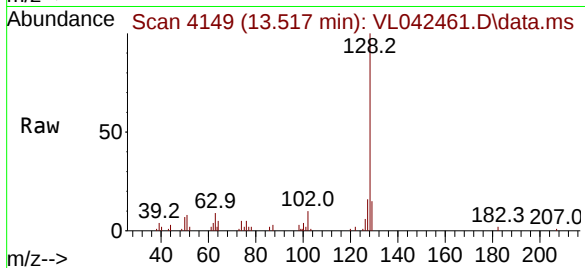




#79
Naphthalene
Concen: 0.384 ppbv
RT: 13.517 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

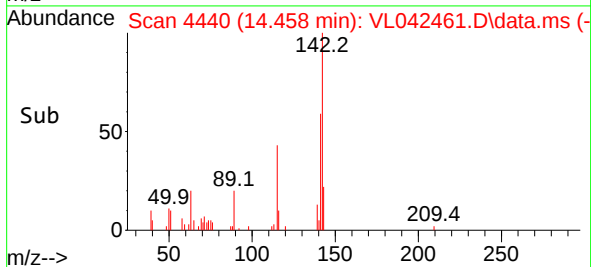
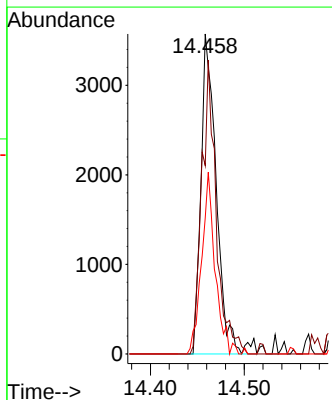
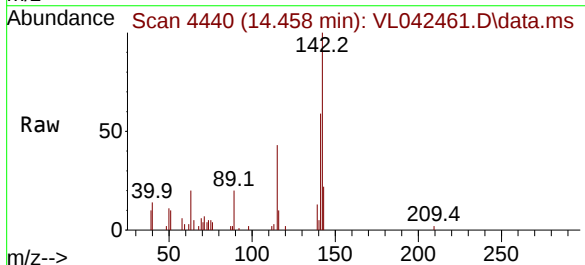
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

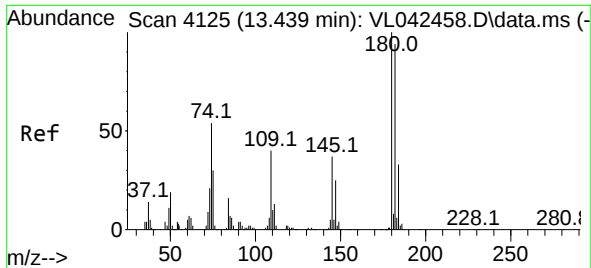
Tgt Ion:128 Resp: 9436
Ion Ratio Lower Upper
128 100
127 16.1 9.7 14.5#
129 15.5 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.226 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:142 Resp: 4153
Ion Ratio Lower Upper
142 100
141 84.6 67.4 101.0
115 49.4 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.379 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.6	111.8
184	32.3	24.9	37.3

