

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042175.D
 Acq On : 27 Mar 2025 10:01
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Mar 28 01:34:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 01:31:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	180502	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	523832	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	485078	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	403513	10.130	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	14455	0.542	ppbv	95
3) Chlorodifluoromethane	1.473	51	14637	0.538	ppbv #	89
4) Chloromethane	1.531	50	5956	0.547	ppbv	94
5) Vinyl Chloride	1.577	62	5732	0.516	ppbv	92
6) Bromomethane	1.664	94	2949	0.597	ppbv	95
7) Chloroethane	1.703	64	2582	0.591	ppbv #	87
8) Dichlorotetrafluoroethane	1.551	85	11783	0.519	ppbv	98
9) Propene	1.557	41	2054	0.167	ppbv	92
10) Heptane	4.972	43	16673	0.502	ppbv	89
11) Trichlorofluoromethane	1.874	101	14099	0.544	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.136	101	11252	0.528	ppbv	99
13) Ethanol	1.722	45	997	1.038	ppbv #	36
14) Bromoethene	1.780	108	4770	0.584	ppbv #	86
15) Acetone	1.835	43	15331	0.607	ppbv #	85
16) 1,3-Butadiene	1.606	39	8594	0.757	ppbv	82
17) tert-Butyl alcohol	2.039	59	17467	0.556	ppbv	97
18) 1,1-Dichloroethene	2.030	96	5634	0.565	ppbv #	92
19) Isopropyl Alcohol	1.884	45	9171	0.644	ppbv #	39
20) Methylene Chloride	2.059	84	5634	0.599	ppbv #	93
21) Allyl Chloride	2.091	41	9632	0.541	ppbv	89
22) trans-1,2-Dichloroethene	2.334	96	6353	0.546	ppbv	83
23) Vinyl Acetate	2.457	43	6809	0.649	ppbv #	91
24) 1,1-Dichloroethane	2.405	63	11258	0.527	ppbv	97
25) Ethyl Acetate	2.836	43	36258	0.553	ppbv	98
26) Hexane	2.823	57	13605	0.538	ppbv	92
27) Carbon Disulfide	2.146	76	14510	0.535	ppbv #	1
28) Methyl tert-Butyl Ether	2.437	73	8310	0.527	ppbv #	89
29) Chloroform	2.845	83	20149	0.544	ppbv	98
30) Cyclohexane	3.852	84	9635	0.438	ppbv #	70
31) cis-1,2-Dichloroethene	2.719	61	13601	0.529	ppbv	92
32) 1,1,1-Trichloroethane	3.360	97	20567	0.485	ppbv	100
34) 2-Butanone	2.557	43	19739	0.520	ppbv	96
35) Carbon Tetrachloride	3.755	117	18558	0.460	ppbv	93
36) Benzene	3.651	78	27488	0.529	ppbv #	87
37) 1,2-Dichloroethane	3.214	62	16062	0.540	ppbv	100
38) Trichloroethene	4.545	130	4992	0.230	ppbv	95
39) 1,2-Dichloropropane	4.308	63	10123	0.535	ppbv	92
40) 1,4-Dioxane	4.593	88	4487	0.457	ppbv #	24
41) Tetrahydrofuran	3.059	42	10856	0.502	ppbv	94
42) Bromodichloromethane	4.483	83	20374	0.497	ppbv #	98
43) Methyl Methacrylate	4.875	69	6229	0.284	ppbv #	10
44) 2,2,4-Trimethylpentane	4.632	57	46646	0.532	ppbv	95
45) t-1,3-Dichloropropene	6.406	75	12404	0.526	ppbv #	79

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 01:31:23 2025
 Response via : Initial Calibration

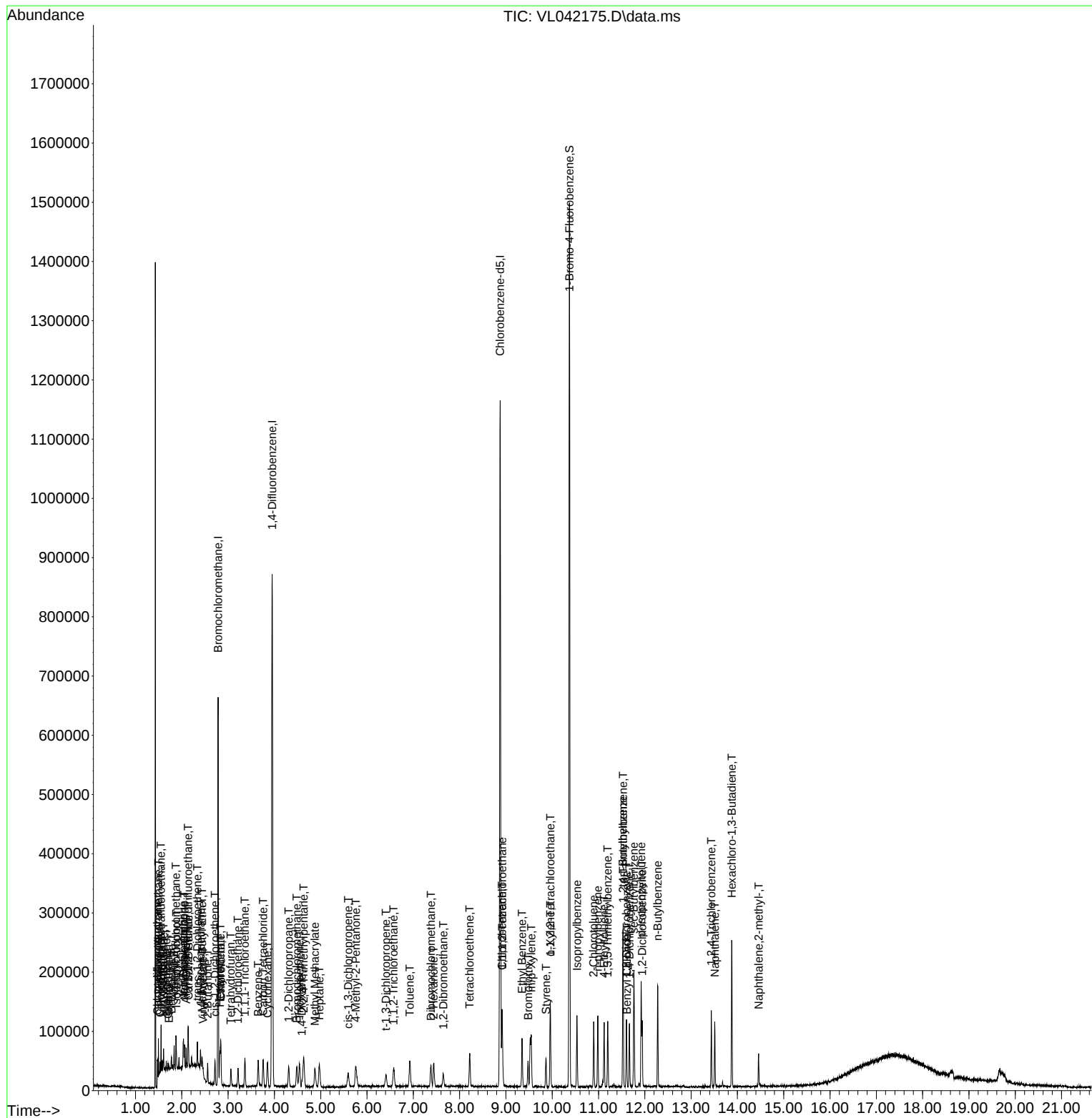
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	8584	0.297	ppbv #	91
47) 1,1,2-Trichloroethane	6.574	97	8374	0.419	ppbv	96
48) Dibromochloromethane	7.380	129	17042	0.503	ppbv	99
49) Bromoform	9.480	173	14828	0.487	ppbv	98
50) 4-Methyl-2-Pentanone	5.758	43	33674	0.559	ppbv	97
51) 2-Hexanone	7.438	43	26154	0.523	ppbv #	100
52) Tetrachloroethene	8.218	164	10502	0.510	ppbv	94
53) Toluene	6.923	91	32444	0.527	ppbv	98
54) 1,2-Dibromoethane	7.648	107	14220	0.510	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.920	131	13959	0.523	ppbv #	1
57) Chlorobenzene	8.914	112	24826	0.540	ppbv #	91
58) Ethyl Benzene	9.348	91	44862	0.521	ppbv	96
59) m/p-Xylene	9.548	91	18711	0.272	ppbv #	1
60) o-Xylene	9.959	91	36879	0.535	ppbv	98
61) Styrene	9.866	104	17198	0.504	ppbv	96
62) Isopropylbenzene	10.536	105	55531	0.538	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.959	83	21989	0.525	ppbv	96
64) n-propylbenzene	10.985	120	14030	0.528	ppbv	95
65) tert-Butylbenzene	11.526	119	53115	0.557	ppbv	100
66) Benzyl Chloride	11.613	91	5263	0.520	ppbv	97
67) sec-Butylbenzene	11.762	105	72879	0.550	ppbv	98
69) p-Isopropyltoluene	11.921	119	61933	0.542	ppbv	100
70) n-Butylbenzene	12.277	91	61507	0.527	ppbv	99
71) 2-Chlorotoluene	10.895	91	41637	0.520	ppbv	95
72) 4-Ethyltoluene	11.121	105	44473	0.518	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.199	105	39190	0.523	ppbv	97
74) 1,2,4-Trimethylbenzene	11.532	105	48370	0.560	ppbv	97
75) 1,3-Dichlorobenzene	11.600	146	25122	0.530	ppbv	100
76) 1,4-Dichlorobenzene	11.668	146	24991	0.530	ppbv	97
77) 1,2-Dichlorobenzene	11.943	146	24548	0.532	ppbv	96
78) Hexachloro-1,3-Butadiene	13.879	225	25636	0.546	ppbv	99
79) Naphthalene	13.510	128	47990	0.508	ppbv	95
80) Naphthalene,2-methyl-	14.458	142	17486	0.380	ppbv	98
81) 1,2,4-Trichlorobenzene	13.436	180	19924	0.457	ppbv	97

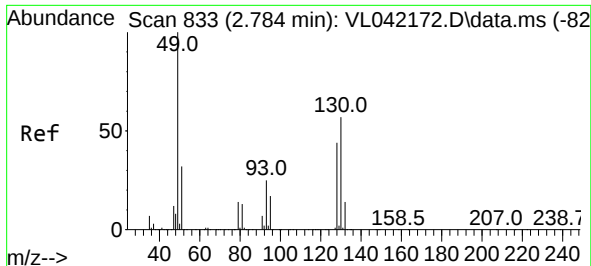
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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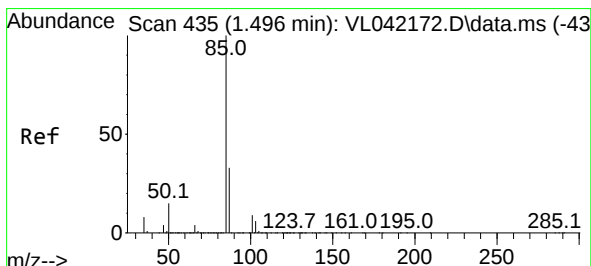
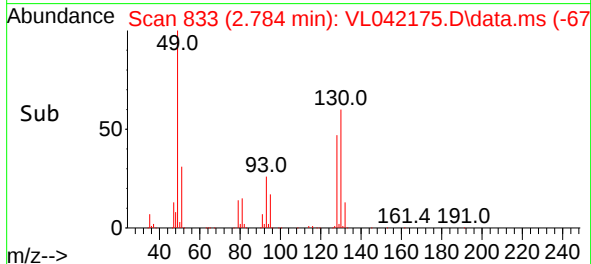
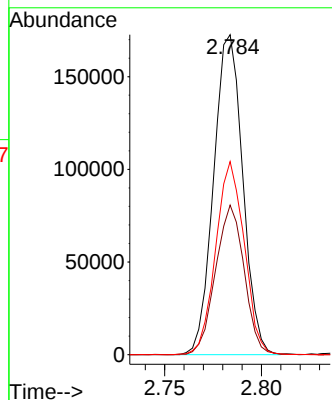
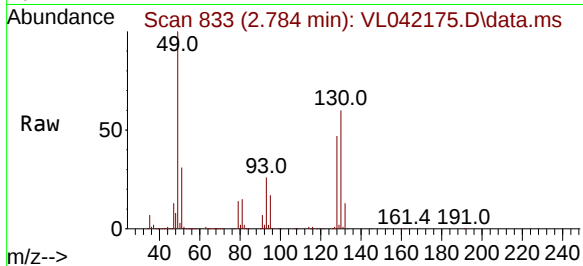




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 833
 Delta R.T. -0.000 min
 Lab File: VL042175.D
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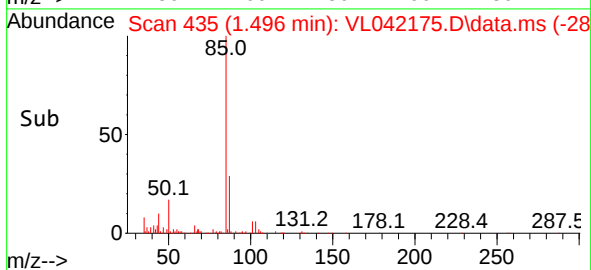
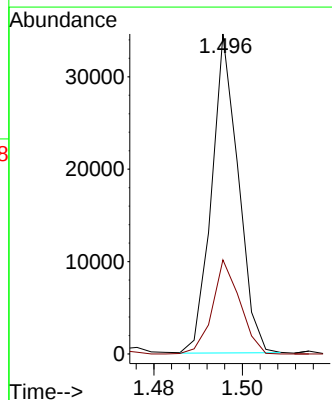
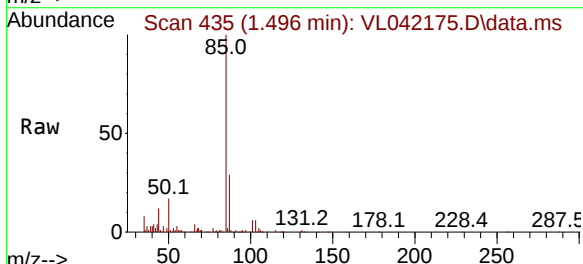
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 49 Resp: 180502
 Ion Ratio Lower Upper
 49 100
 128 46.1 22.9 68.5
 130 59.2 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 0.542 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 85 Resp: 14455
 Ion Ratio Lower Upper
 85 100
 87 29.5 26.1 39.1

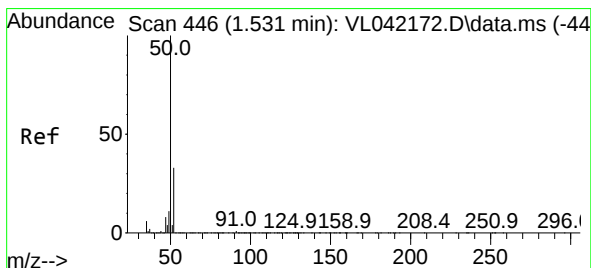
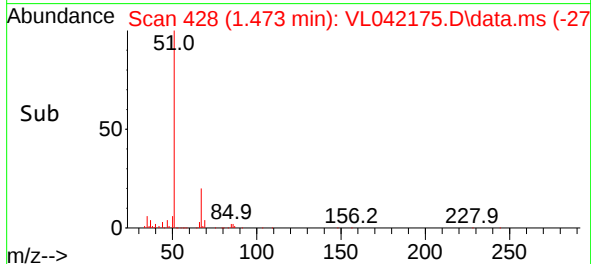
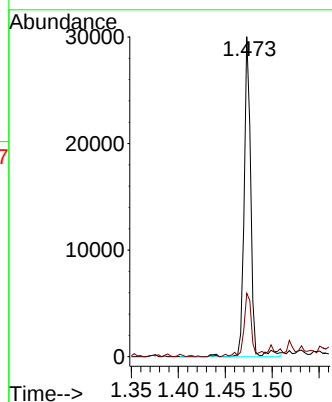
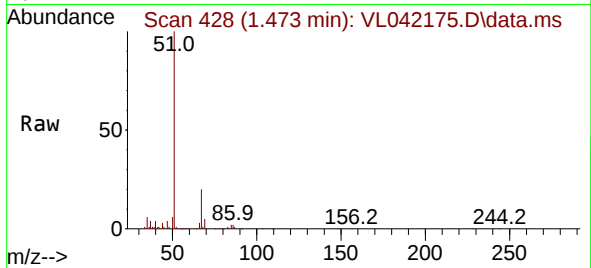




#3
Chlorodifluoromethane
Concen: 0.538 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

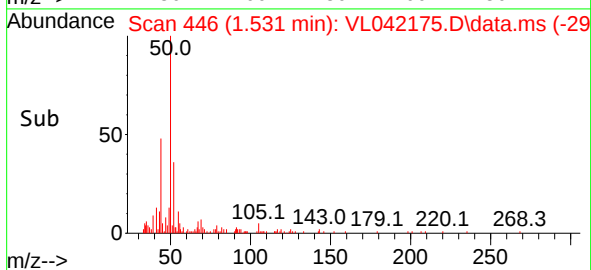
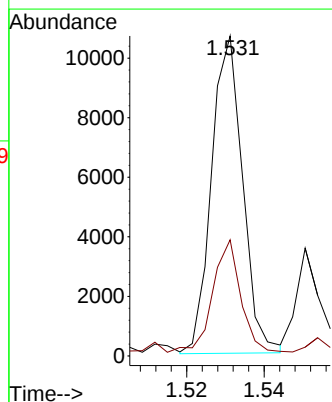
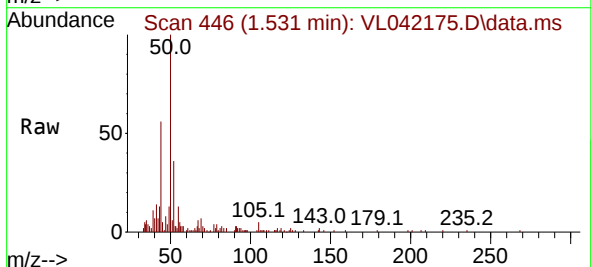
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ClientSampleId :
VSTDIC0.5

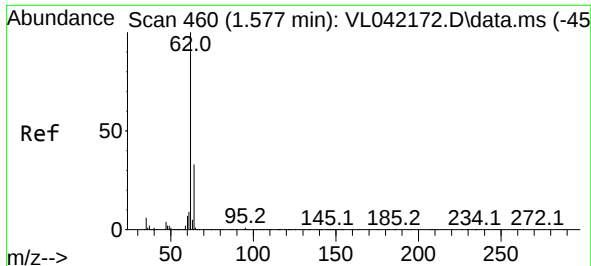
Tgt Ion: 51 Resp: 14637
Ion Ratio Lower Upper
51 100
67 23.6 15.0 22.6#



#4
Chloromethane
Concen: 0.547 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 50 Resp: 5956
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

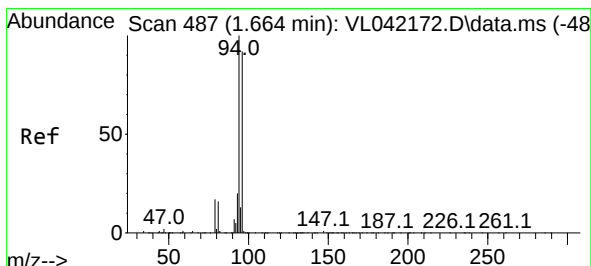
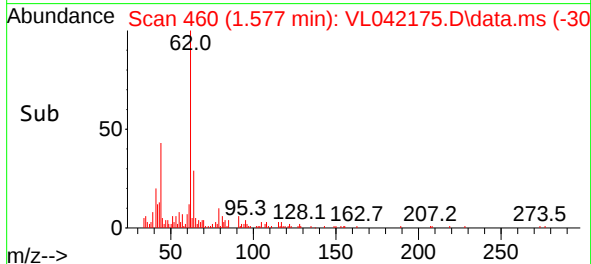
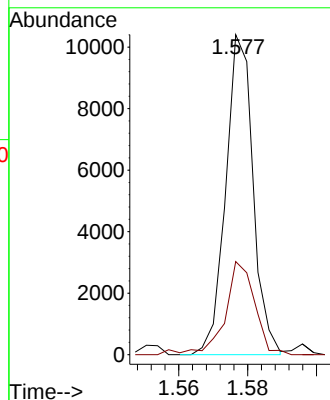
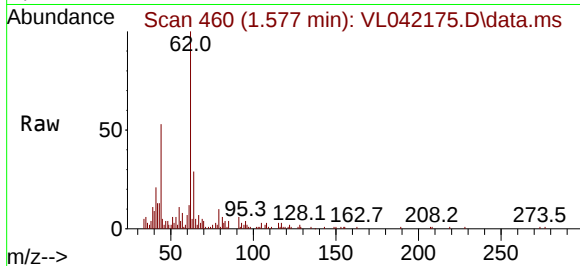




#5
 Vinyl Chloride
 Concen: 0.516 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

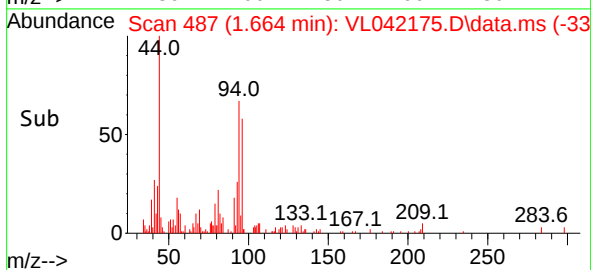
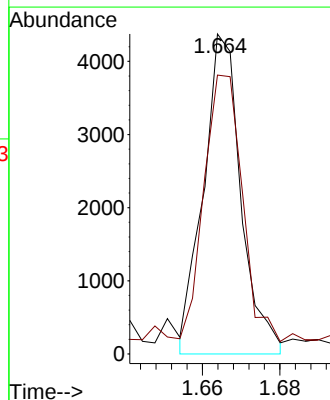
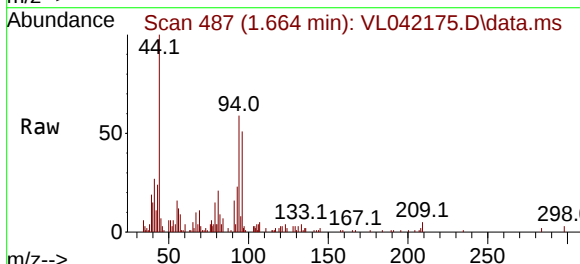
Instrument :
 MSVOA_1
 ClientSampleId :
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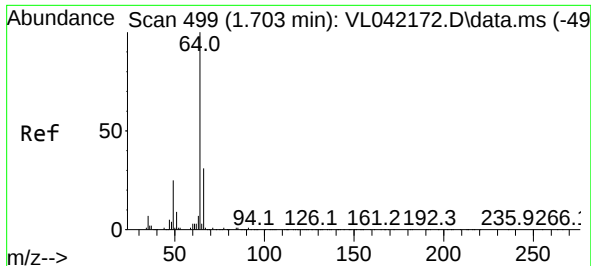
Tgt Ion: 62 Resp: 5732
 Ion Ratio Lower Upper
 62 100
 64 28.5 26.6 40.0



#6
 Bromomethane
 Concen: 0.597 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 94 Resp: 2949
 Ion Ratio Lower Upper
 94 100
 96 86.2 73.1 109.7

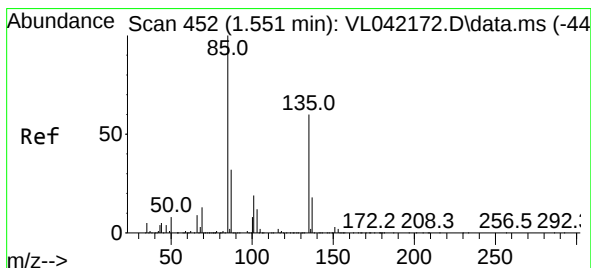
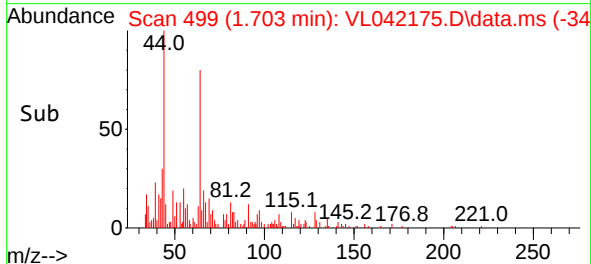
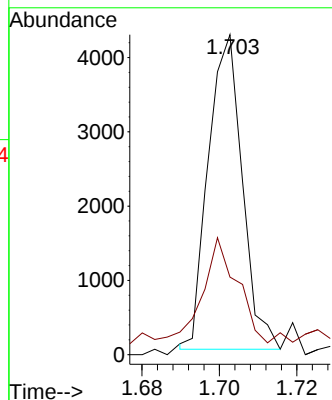
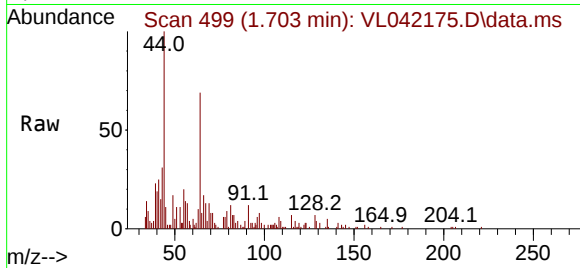




#7
Chloroethane
Concen: 0.591 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

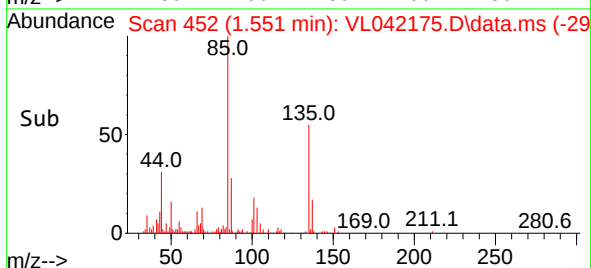
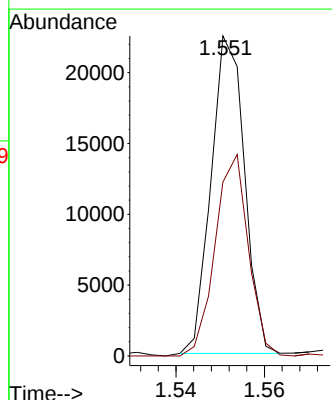
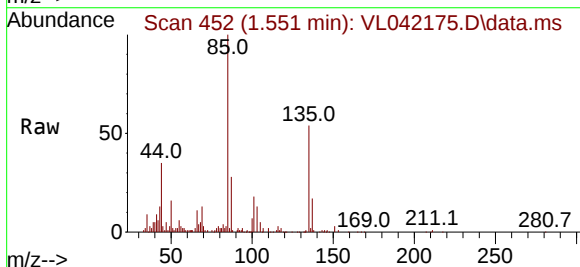
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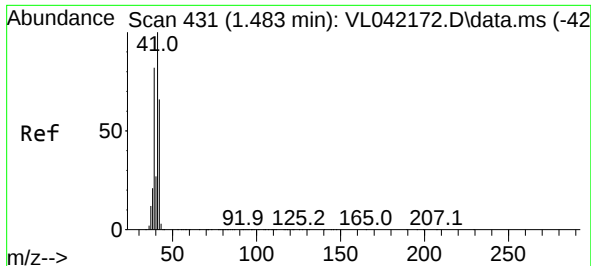
Tgt Ion: 64 Resp: 2582
Ion Ratio Lower Upper
64 100
66 24.2 25.2 37.8#



#8
Dichlorotetrafluoroethane
Concen: 0.519 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 85 Resp: 11783
Ion Ratio Lower Upper
85 100
135 63.7 52.4 78.6

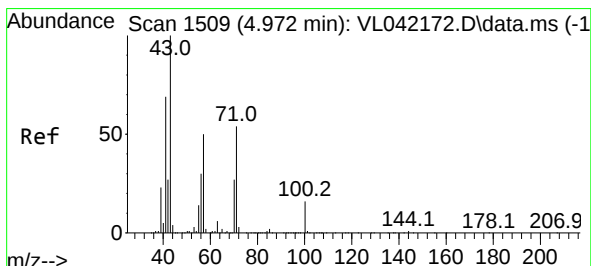
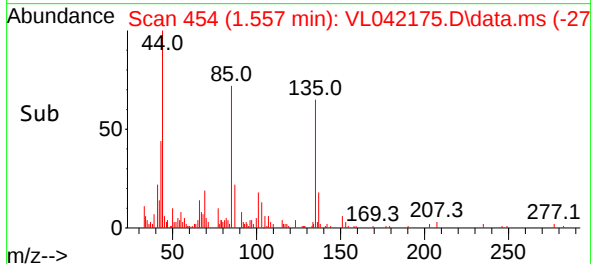
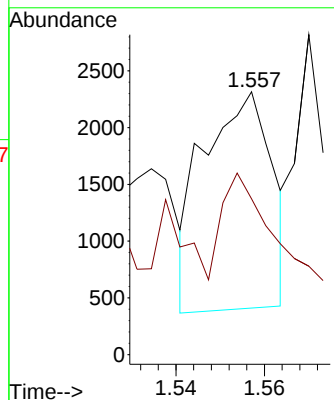
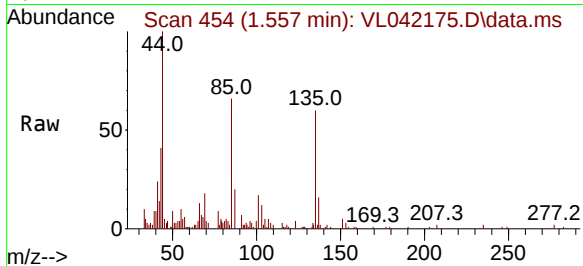




#9
 Propene
 Concen: 0.167 ppbv
 RT: 1.557 min Scan# 41
 Delta R.T. 0.074 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

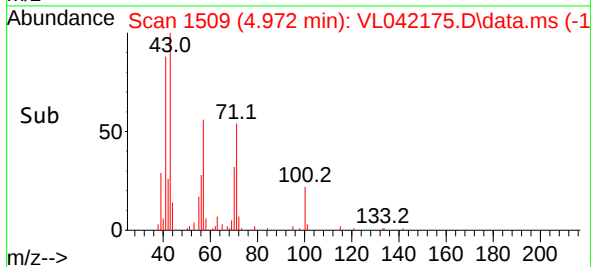
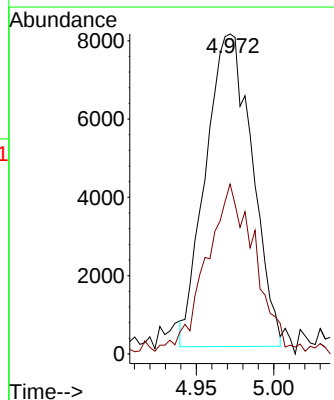
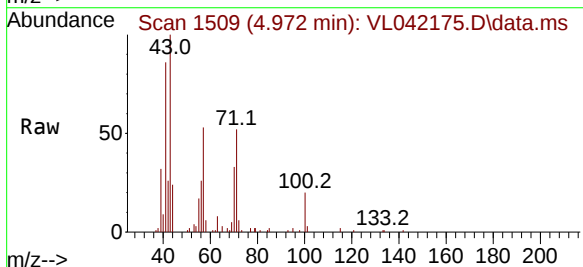
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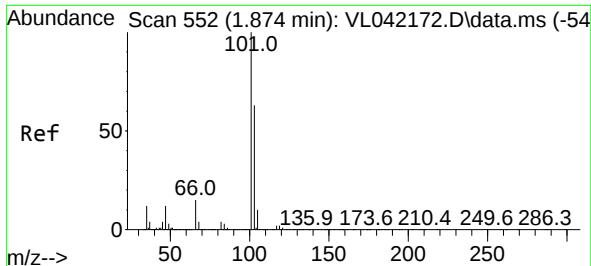
Tgt Ion: 41 Resp: 2054
 Ion Ratio Lower Upper
 41 100
 42 62.9 55.4 83.2



#10
 Heptane
 Concen: 0.502 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 16673
 Ion Ratio Lower Upper
 43 100
 57 57.0 39.4 59.2

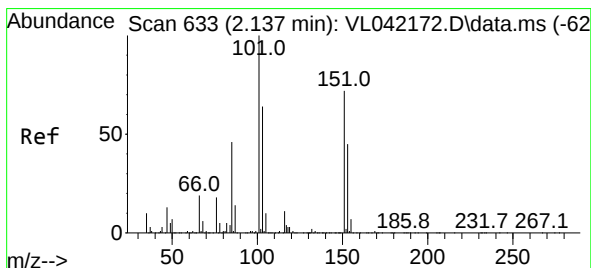
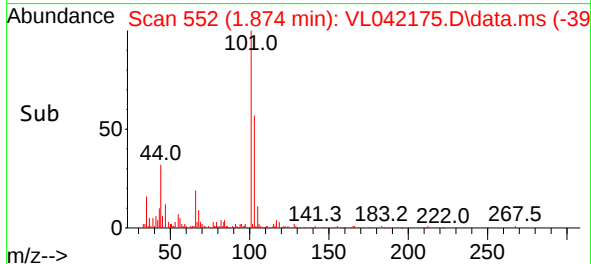
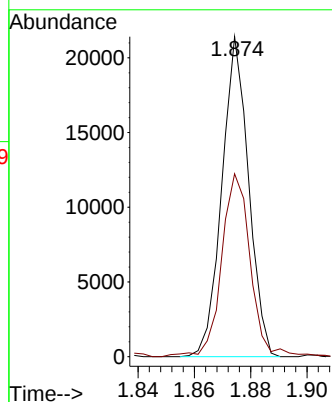
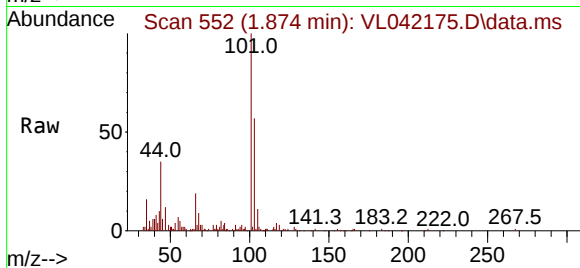




#11
Trichlorofluoromethane
Concen: 0.544 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

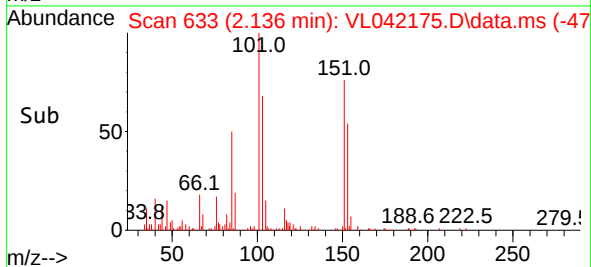
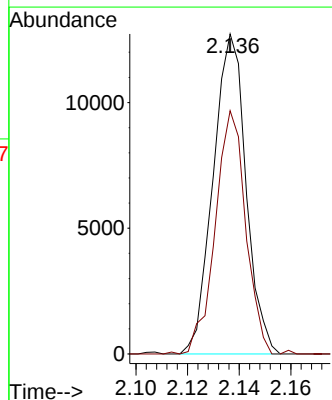
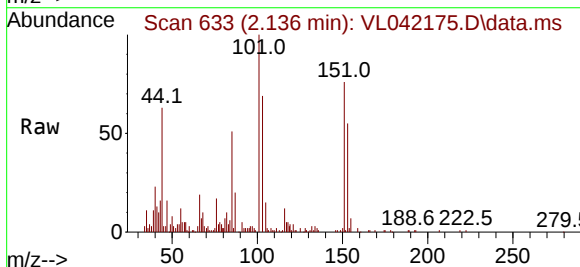
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

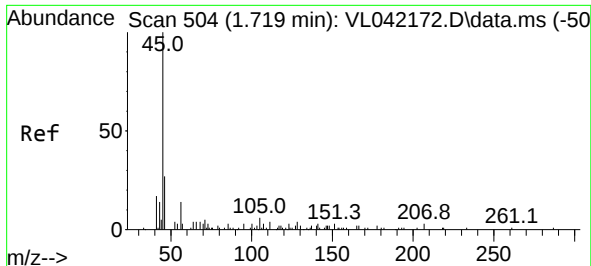
Tgt Ion:101 Resp: 14099
Ion Ratio Lower Upper
101 100
103 56.3 50.2 75.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.528 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:101 Resp: 11252
Ion Ratio Lower Upper
101 100
151 70.6 57.1 85.7





#13

Ethanol

Concen: 1.038 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

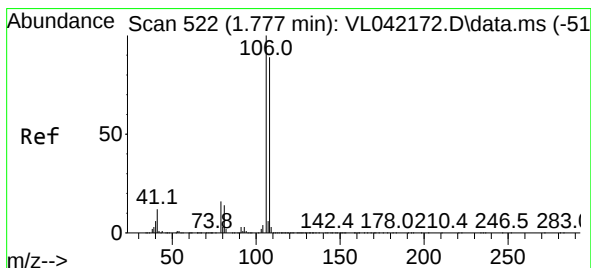
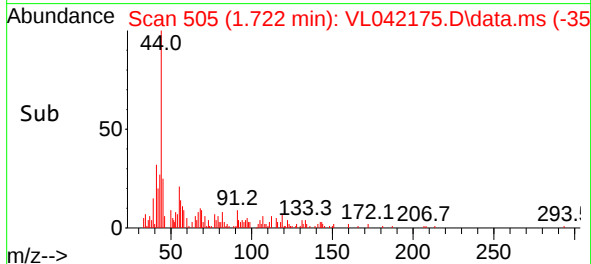
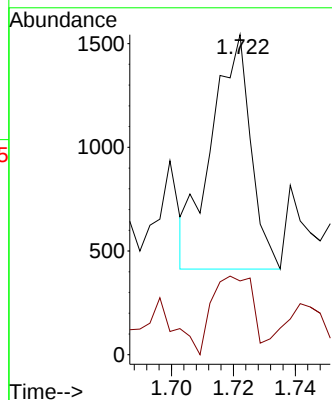
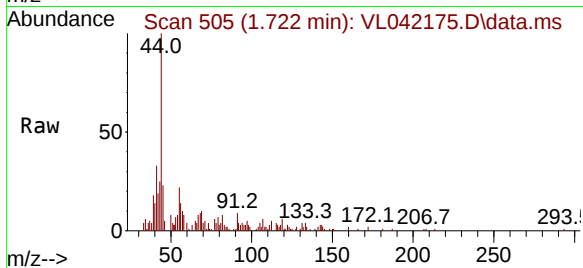
VSTDIC0.5

Tgt Ion: 45 Resp: 997

Ion Ratio Lower Upper

45 100

46 94.5 20.2 80.8#



#14

Bromoethene

Concen: 0.584 ppbv

RT: 1.780 min Scan# 523

Delta R.T. 0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

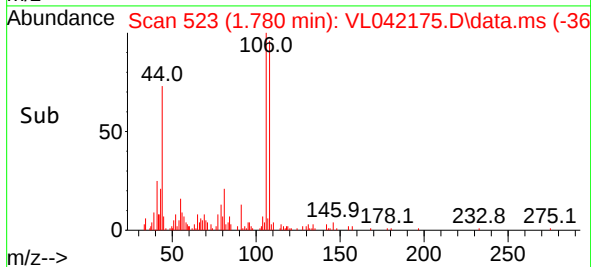
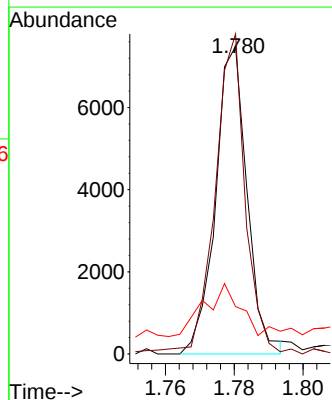
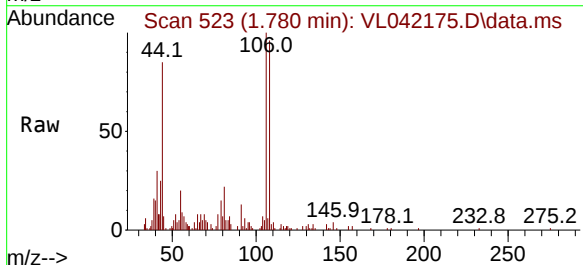
Tgt Ion: 108 Resp: 4770

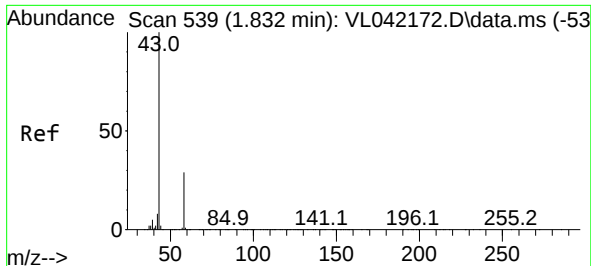
Ion Ratio Lower Upper

108 100

106 101.3 86.8 130.2

79 42.6 15.0 22.6#

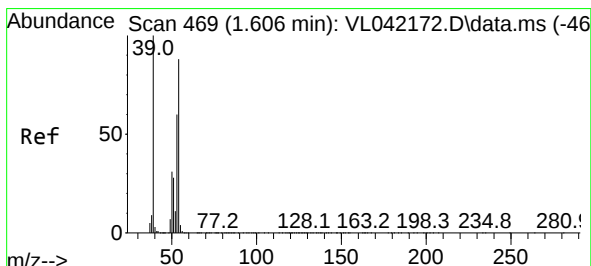
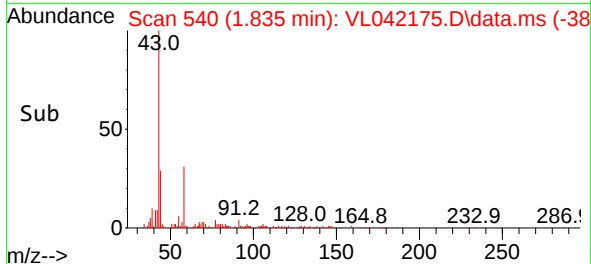
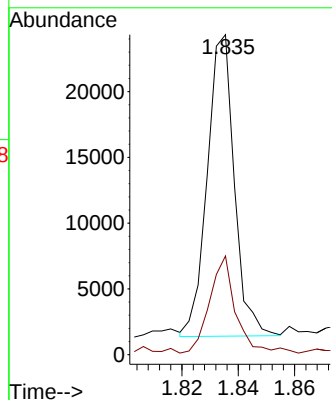
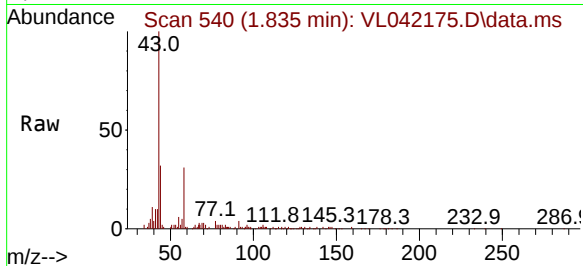




#15
Acetone
Concen: 0.607 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

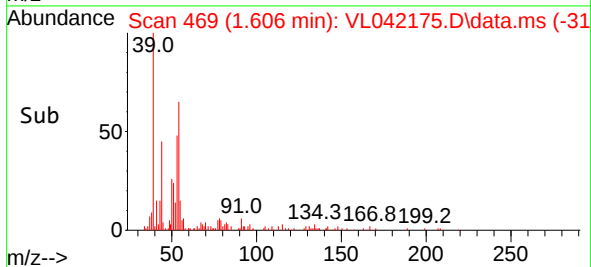
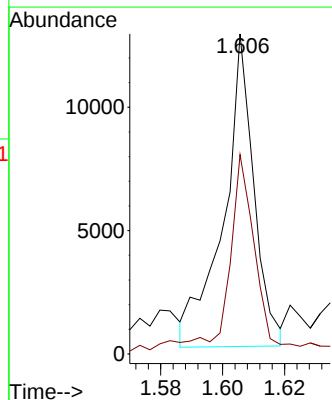
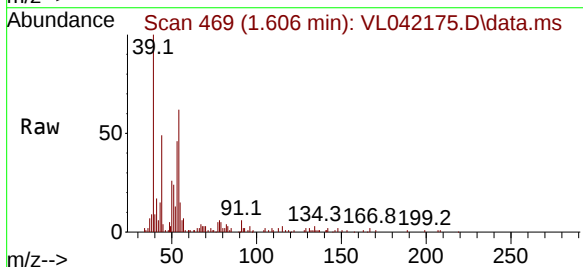
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

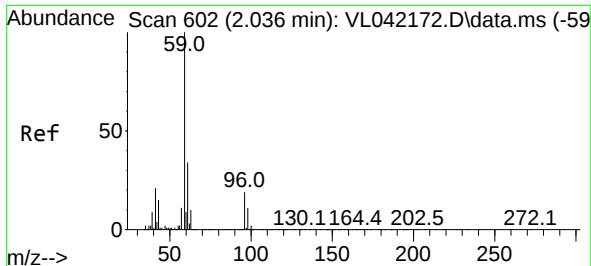
Tgt Ion: 43 Resp: 15331
Ion Ratio Lower Upper
43 100
58 37.1 23.2 34.8#



#16
1,3-Butadiene
Concen: 0.757 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 39 Resp: 8594
Ion Ratio Lower Upper
39 100
54 60.7 60.7 91.1





#17

tert-Butyl alcohol

Concen: 0.556 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

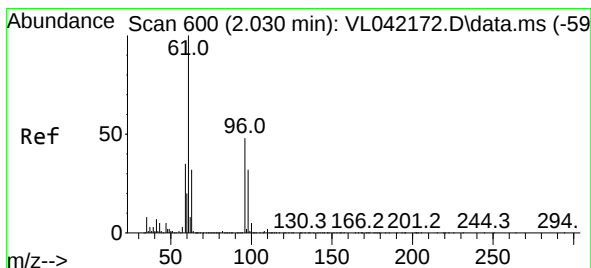
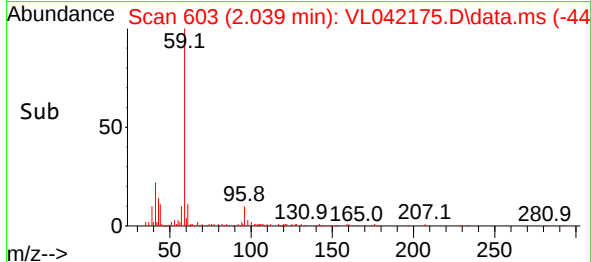
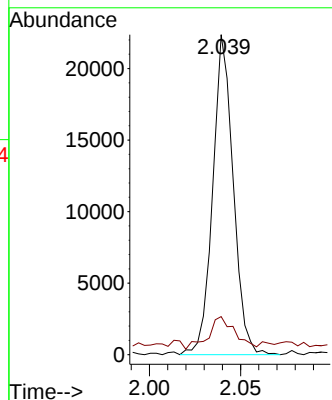
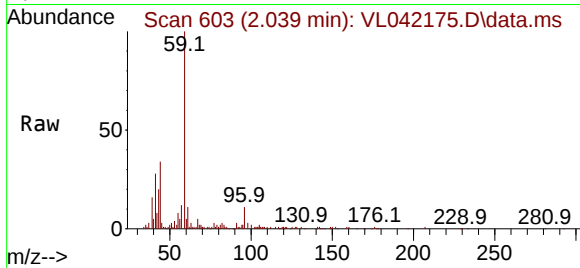
VSTDIC0.5

Tgt Ion: 59 Resp: 17467

Ion Ratio Lower Upper

59 100

57 12.1 8.9 13.3



#18

1,1-Dichloroethene

Concen: 0.565 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

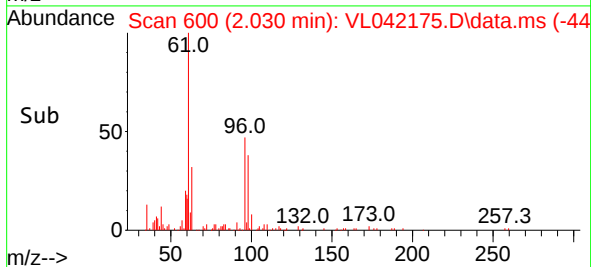
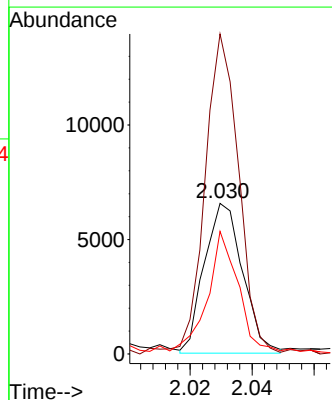
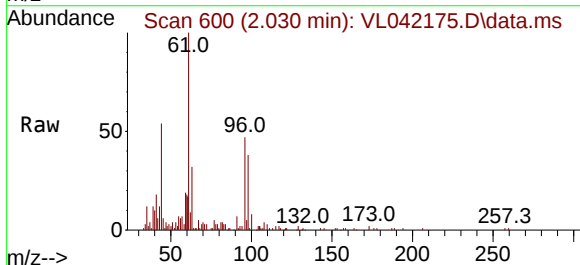
Tgt Ion: 96 Resp: 5634

Ion Ratio Lower Upper

96 100

61 216.6 167.6 251.4

98 81.2 53.5 80.3#

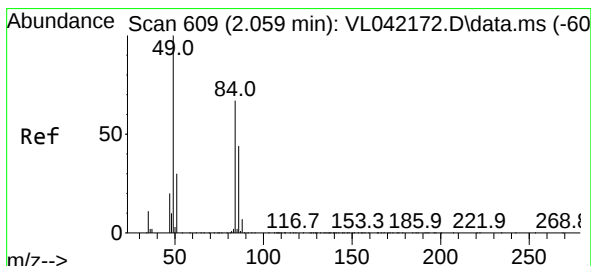
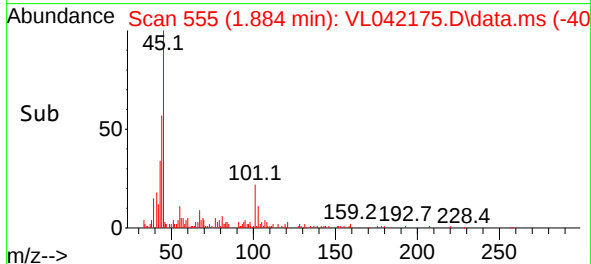
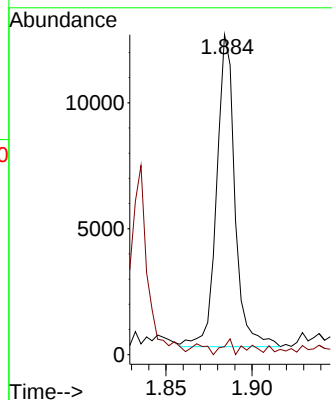
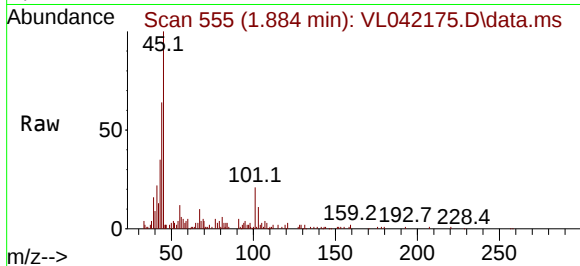




#19
Isopropyl Alcohol
Concen: 0.644 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

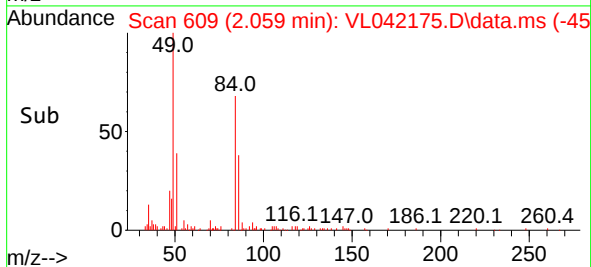
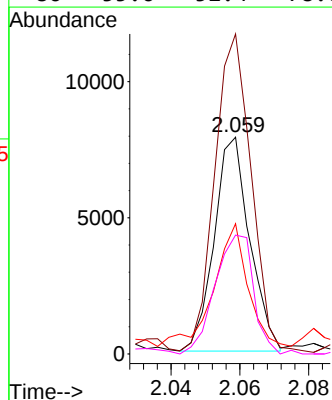
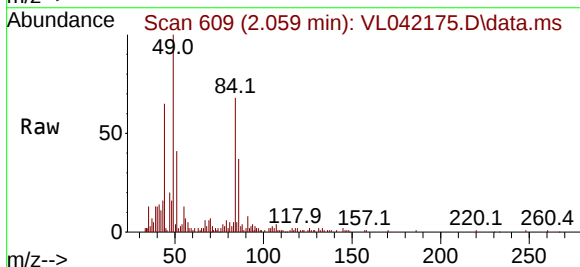
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

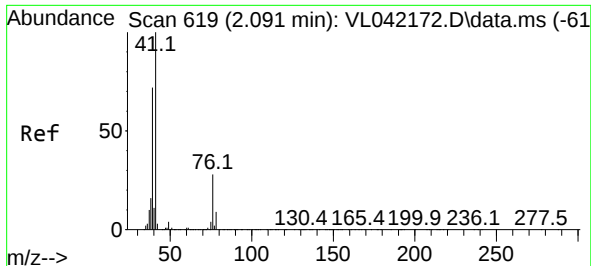
Tgt Ion: 45 Resp: 9171
Ion Ratio Lower Upper
45 100
58 5.5 36.9 55.3#



#20
Methylene Chloride
Concen: 0.599 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 84 Resp: 5634
Ion Ratio Lower Upper
84 100
49 148.1 120.2 180.4
51 56.1 37.4 56.0#
86 55.6 52.4 78.6

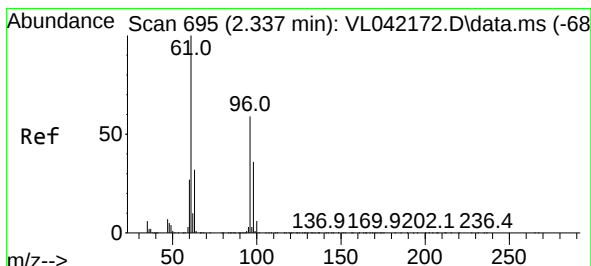
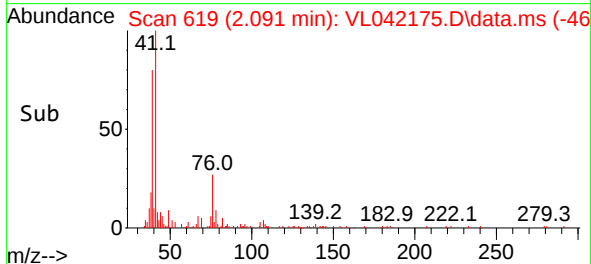
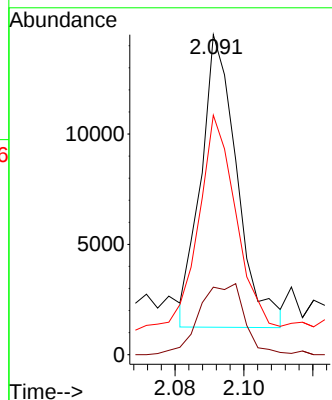
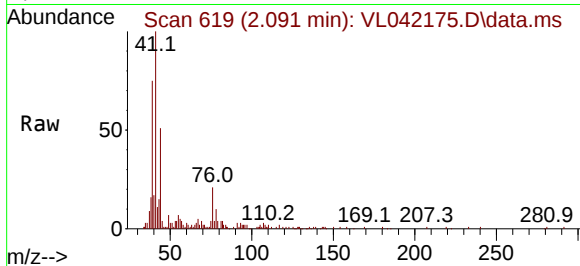




#21
 Allyl Chloride
 Concen: 0.541 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

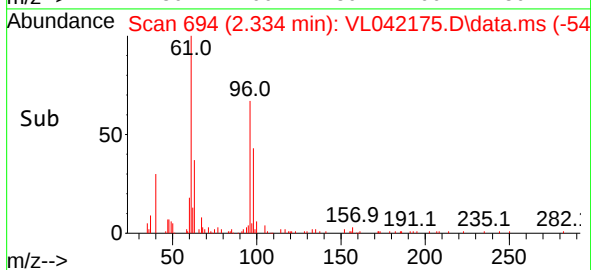
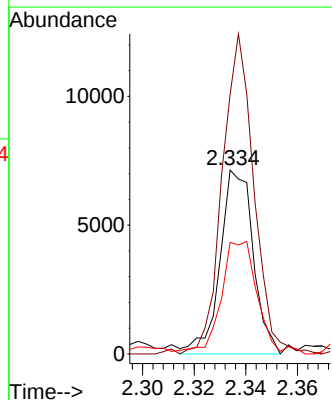
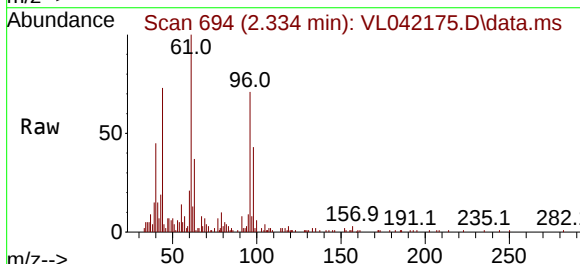
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

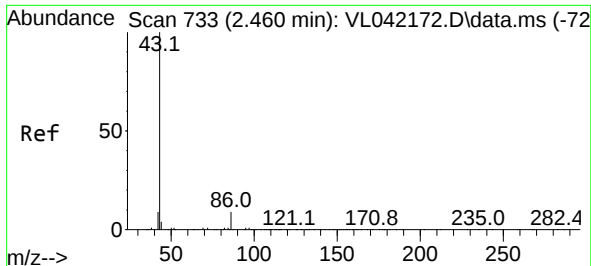
Tgt Ion: 41 Resp: 9632
 Ion Ratio Lower Upper
 41 100
 76 30.9 24.1 36.1
 39 88.9 61.1 91.7



#22
 trans-1,2-Dichloroethene
 Concen: 0.546 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.003 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 96 Resp: 6353
 Ion Ratio Lower Upper
 96 100
 61 141.3 136.6 204.8
 98 59.4 49.4 74.2

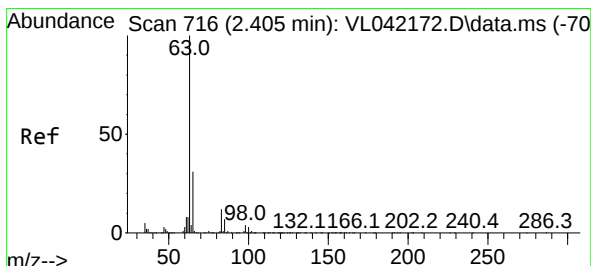
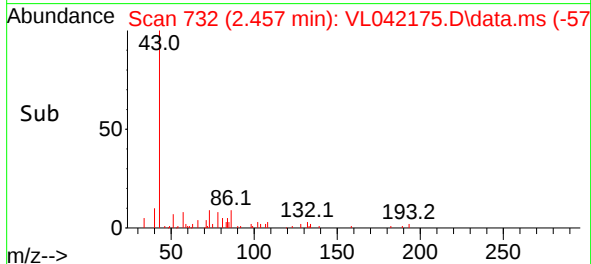
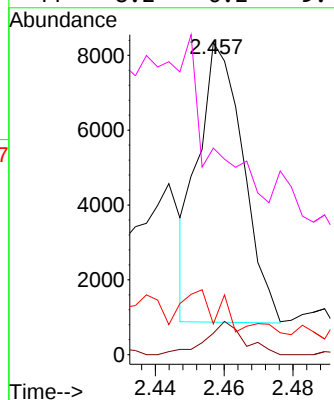
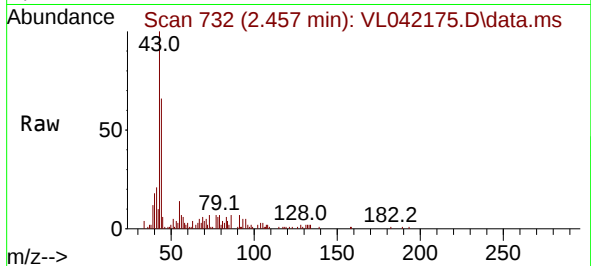




#23
 Vinyl Acetate
 Concen: 0.649 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

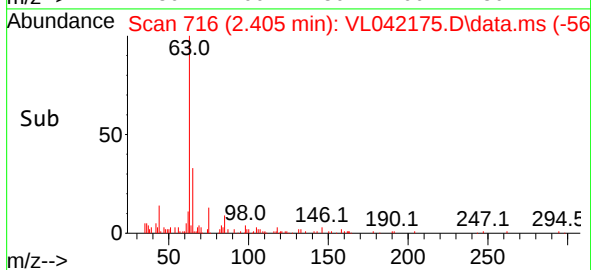
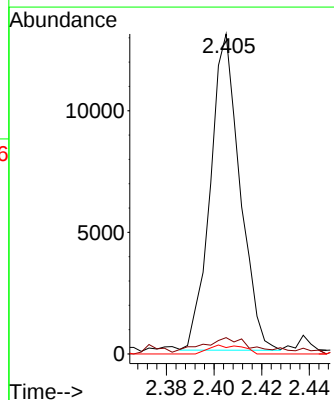
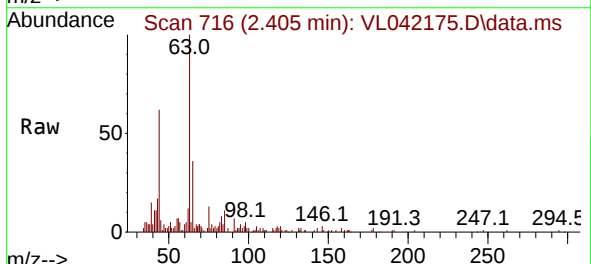
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

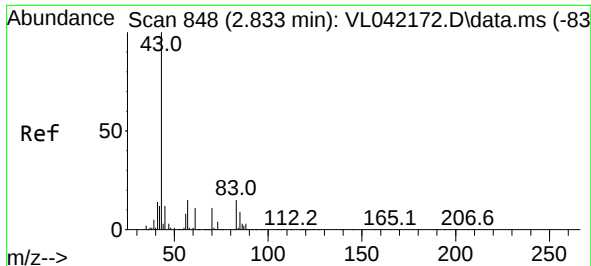
Tgt Ion: 43	Resp: 6809
Ion Ratio	Lower Upper
43 100	
86 7.7	5.5 8.3
42 3.2	8.6 13.0#
44 8.2	6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 0.527 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 63	Resp: 11258
Ion Ratio	Lower Upper
63 100	
98 3.7	2.3 6.8
100 2.0	1.6 4.7





#25

Ethyl Acetate

Concen: 0.553 ppbv

RT: 2.836 min Scan# 84

Delta R.T. 0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

Tgt Ion: 43 Resp: 36258

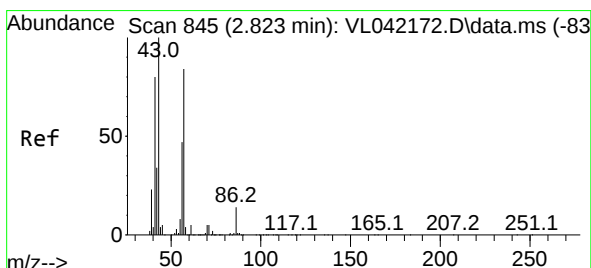
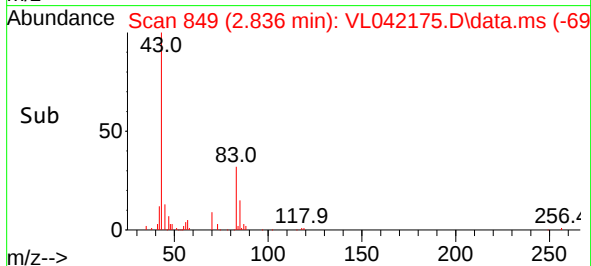
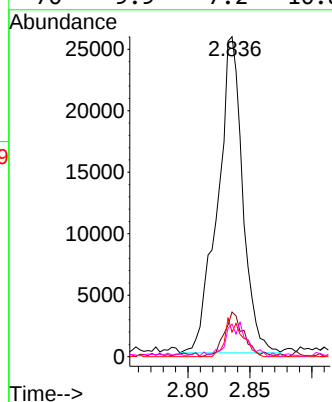
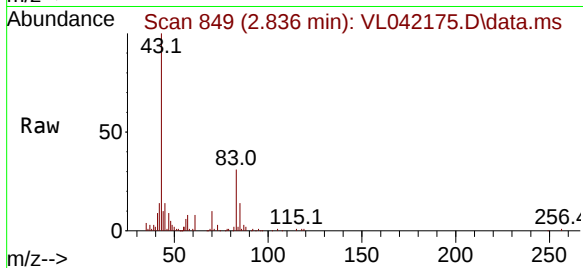
Ion Ratio Lower Upper

43 100

45 11.2 8.2 12.2

61 8.3 7.3 10.9

70 9.9 7.2 10.8



#26

Hexane

Concen: 0.538 ppbv

RT: 2.823 min Scan# 845

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Tgt Ion: 57 Resp: 13605

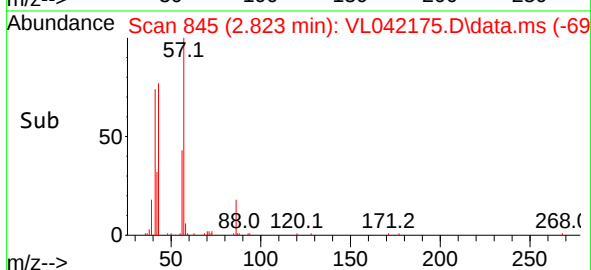
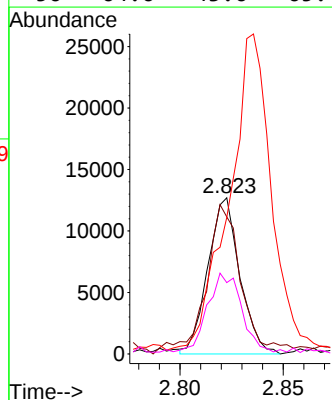
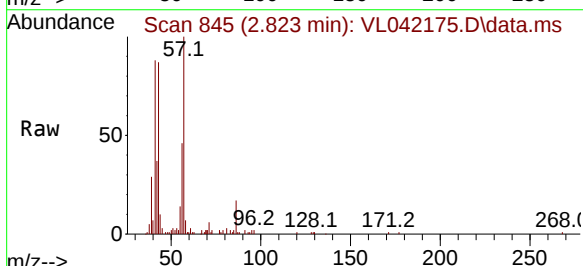
Ion Ratio Lower Upper

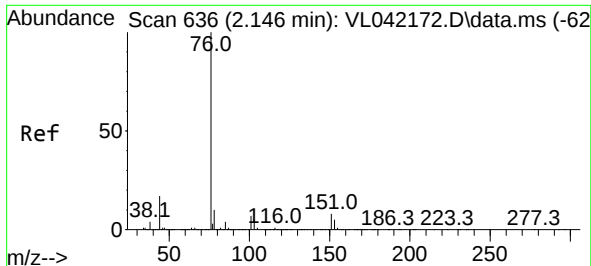
57 100

41 92.1 76.6 114.8

43 273.4 207.8 311.8

56 64.6 43.6 65.4

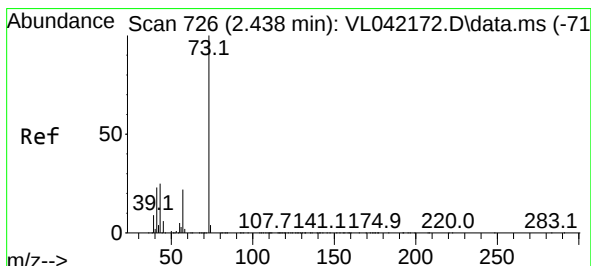
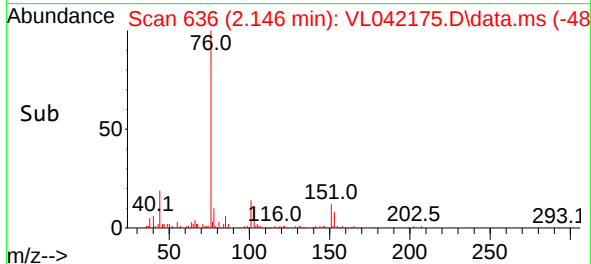
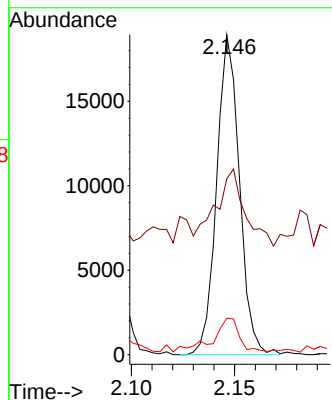
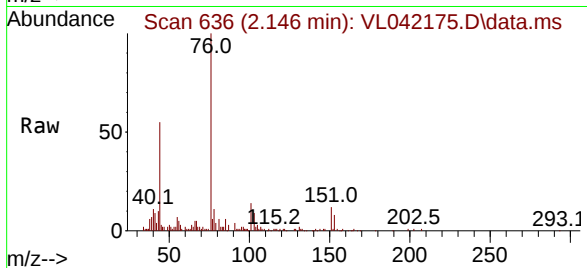




#27
Carbon Disulfide
Concen: 0.535 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

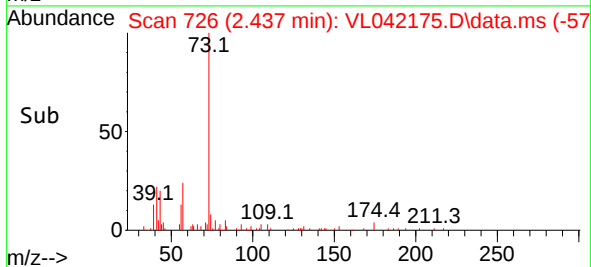
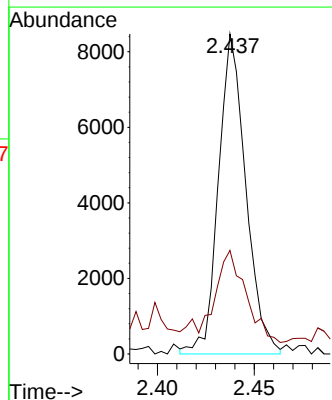
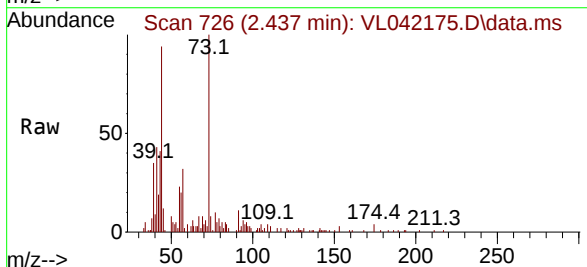
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

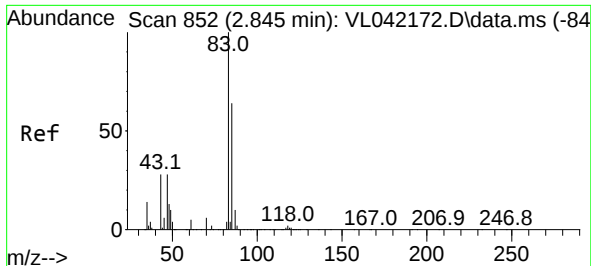
Tgt Ion: 76 Resp: 14510
Ion Ratio Lower Upper
76 100
44 115.5 14.7 22.1#
78 14.9 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.527 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 73 Resp: 8310
Ion Ratio Lower Upper
73 100
57 31.1 20.5 30.7#





#29

Chloroform

Concen: 0.544 ppbv

RT: 2.845 min Scan# 852

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

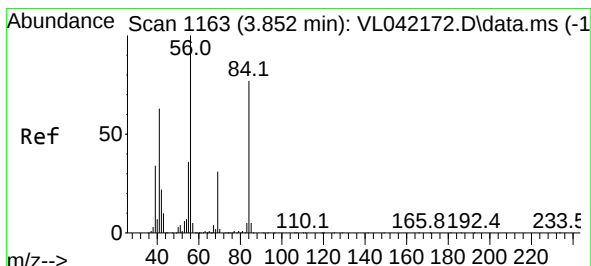
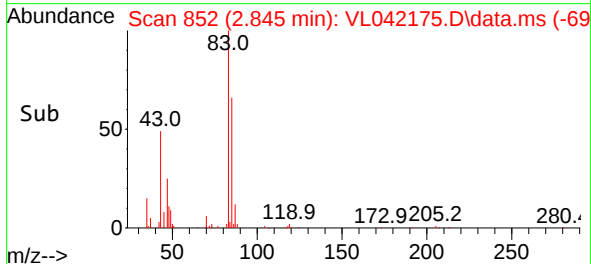
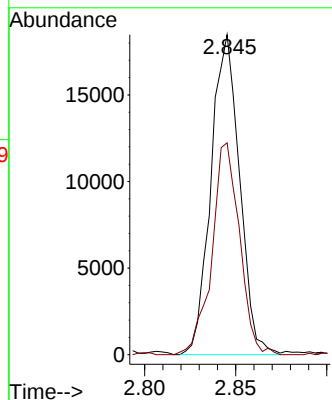
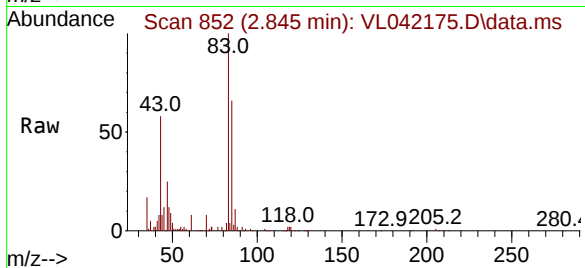
VSTDIC0.5

Tgt Ion: 83 Resp: 20149

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.2



#30

Cyclohexane

Concen: 0.438 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

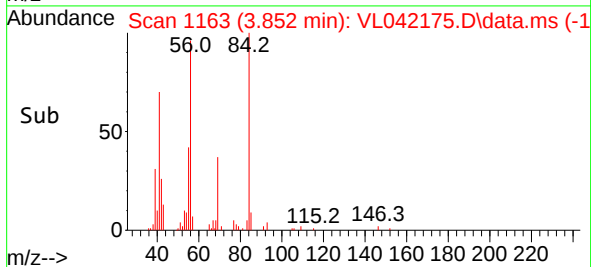
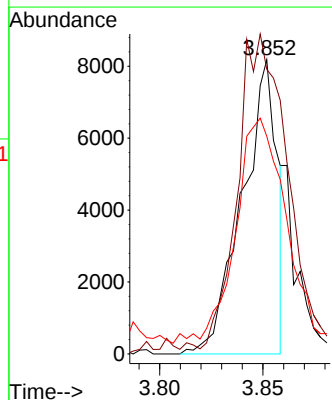
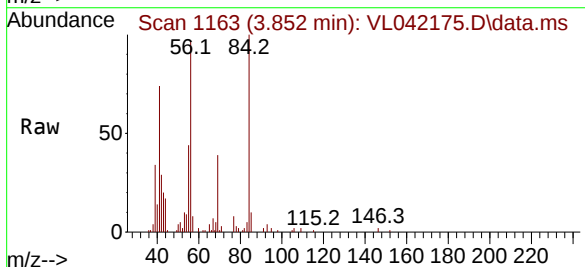
Tgt Ion: 84 Resp: 9635

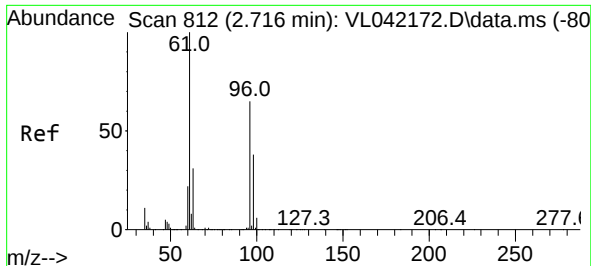
Ion Ratio Lower Upper

84 100

56 158.1 102.8 154.2#

41 117.1 66.5 99.7#

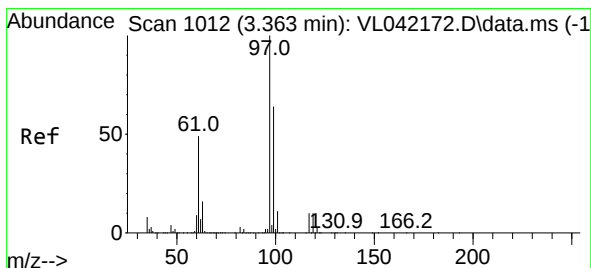
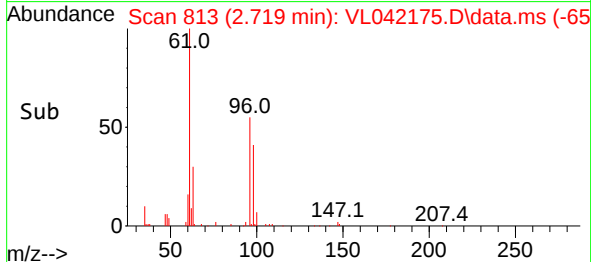
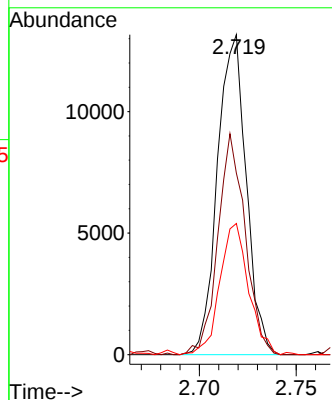
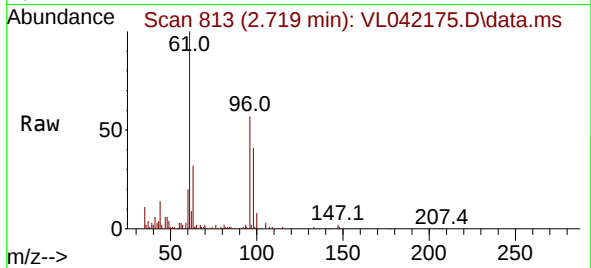




#31
 cis-1,2-Dichloroethene
 Concen: 0.529 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

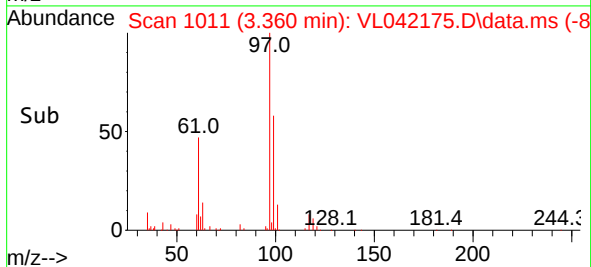
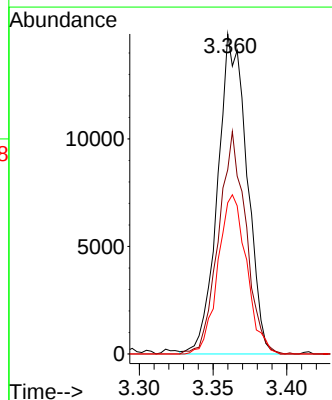
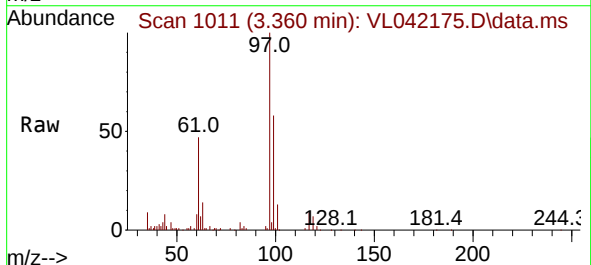
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 13601
 Ion Ratio Lower Upper
 61 100
 96 56.8 51.8 77.8
 98 41.0 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 0.485 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.003 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 97 Resp: 20567
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.5 77.3
 61 48.6 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

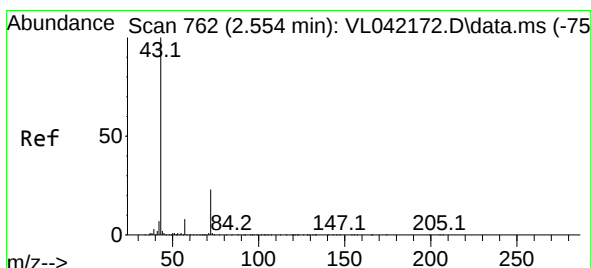
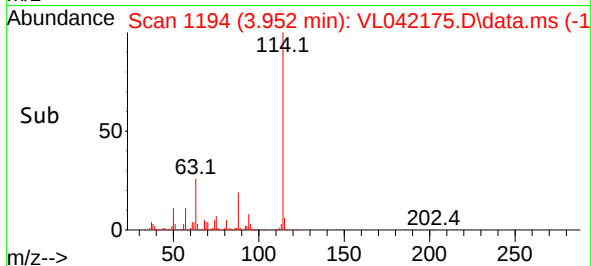
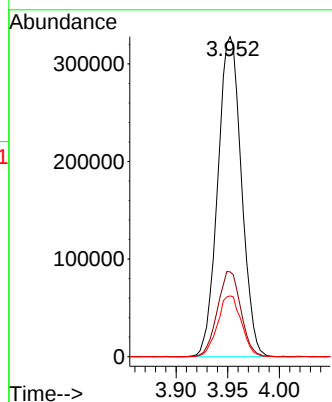
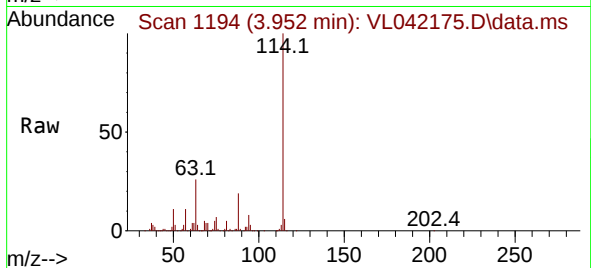
Tgt Ion:114 Resp: 523832

Ion Ratio Lower Upper

114 100

63 26.4 20.7 31.1

88 19.1 15.0 22.4



#34

2-Butanone

Concen: 0.520 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042175.D

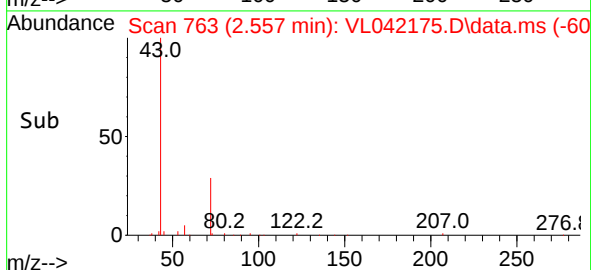
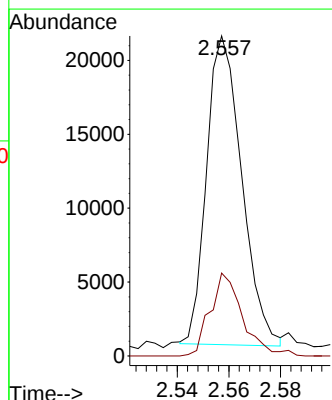
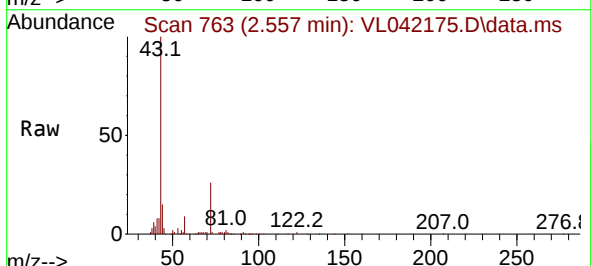
Acq: 27 Mar 2025 10:01

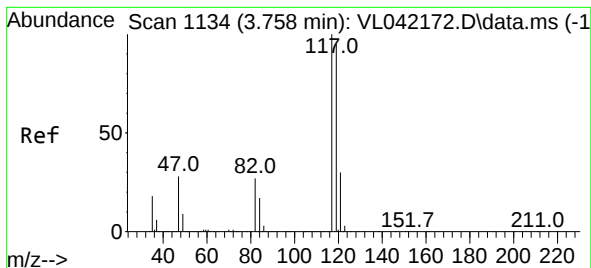
Tgt Ion: 43 Resp: 19739

Ion Ratio Lower Upper

43 100

72 24.8 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.460 ppbv

RT: 3.755 min Scan# 1133

Delta R.T. -0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

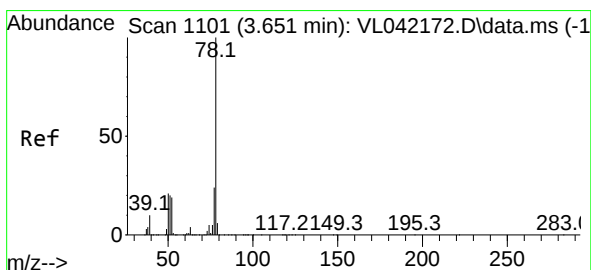
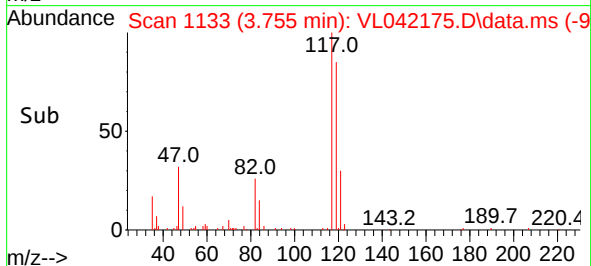
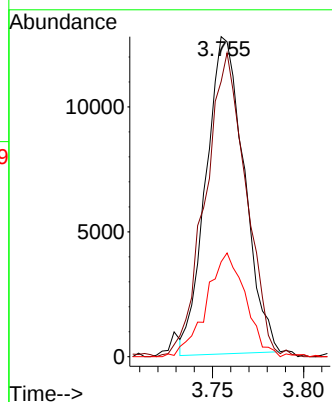
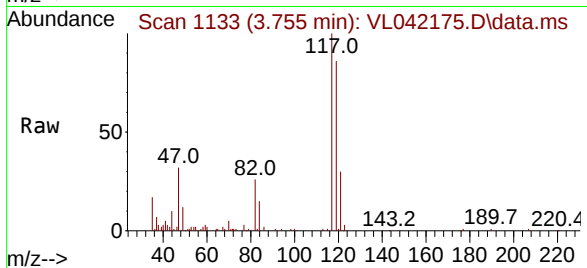
Tgt Ion:117 Resp: 18558

Ion Ratio Lower Upper

117 100

119 86.4 76.2 114.2

121 30.1 24.2 36.4



#36

Benzene

Concen: 0.529 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

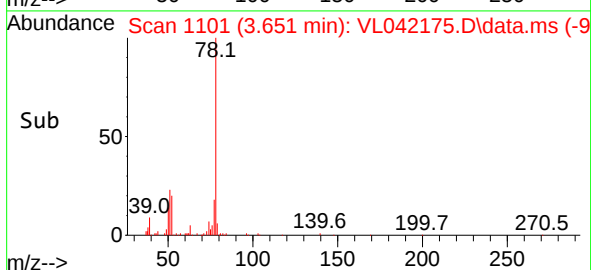
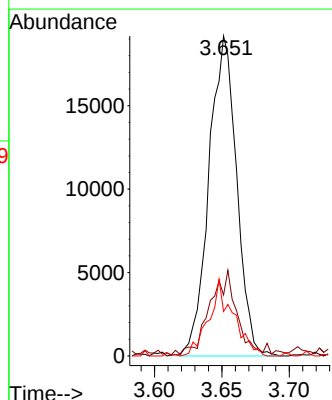
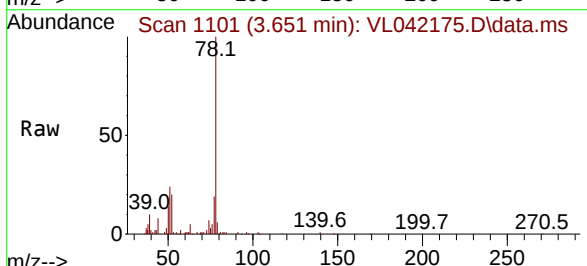
Tgt Ion: 78 Resp: 27488

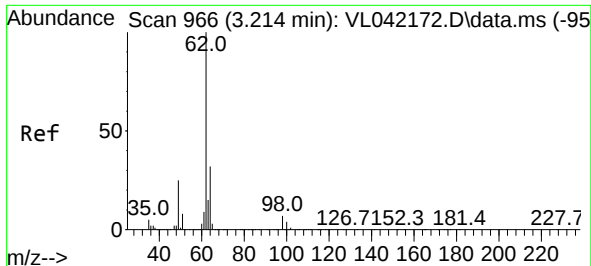
Ion Ratio Lower Upper

78 100

77 18.5 19.1 28.7#

50 13.9 16.6 24.8#

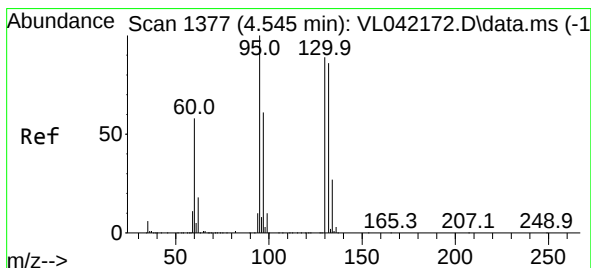
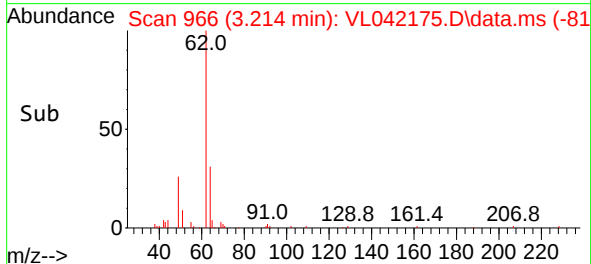
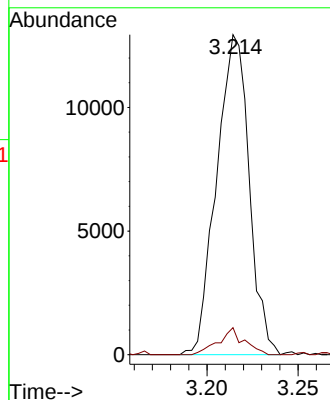
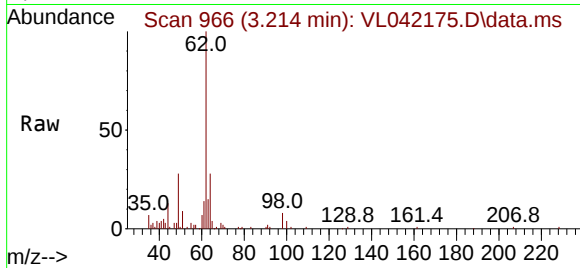




#37
1,2-Dichloroethane
Concen: 0.540 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

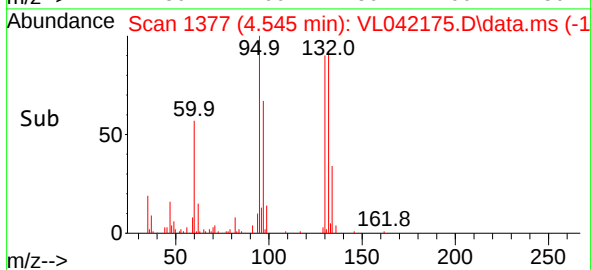
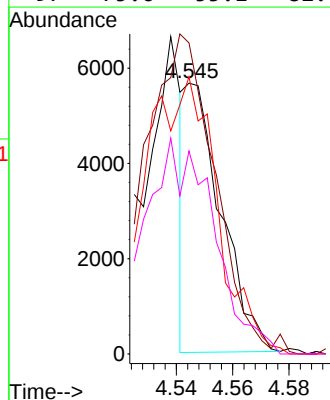
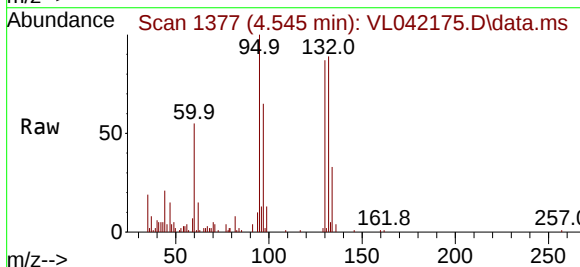
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

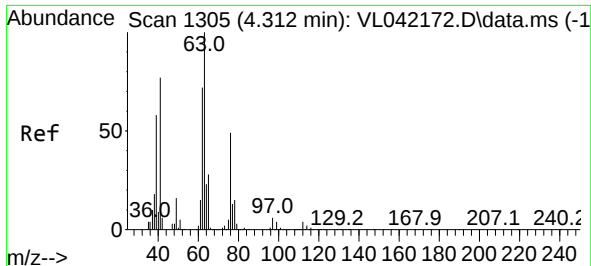
Tgt Ion: 62 Resp: 16062
Ion Ratio Lower Upper
62 100
98 7.0 5.4 8.2



#38
Trichloroethene
Concen: 0.230 ppbv
RT: 4.545 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:130 Resp: 4992
Ion Ratio Lower Upper
130 100
95 108.5 89.8 134.8
132 100.9 77.4 116.2
97 75.6 55.1 82.7





#39

1,2-Dichloropropane

Concen: 0.535 ppbv

RT: 4.308 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

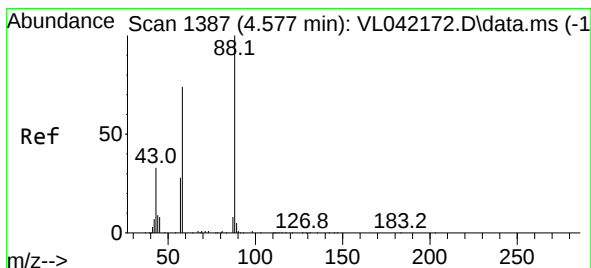
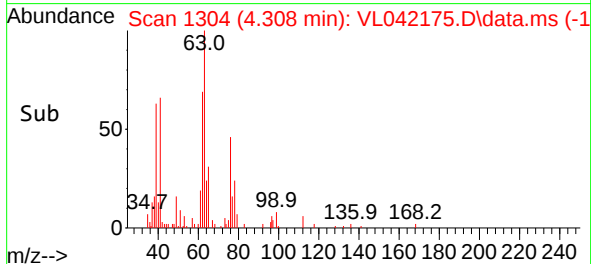
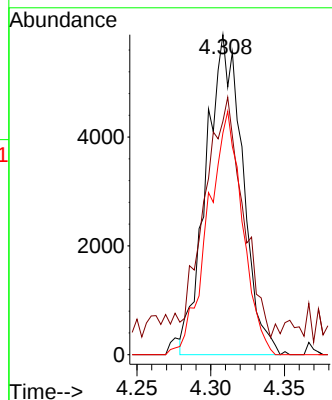
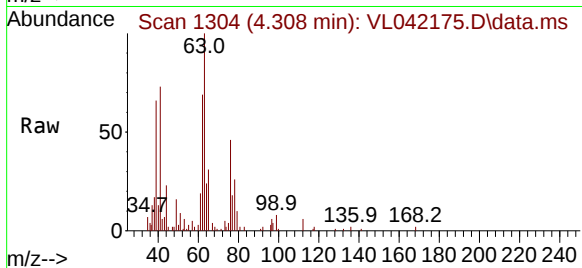
Tgt Ion: 63 Resp: 10123

Ion Ratio Lower Upper

63 100

41 66.4 61.7 92.5

62 69.3 57.6 86.4



#40

1,4-Dioxane

Concen: 0.457 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. 0.016 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Tgt Ion: 88 Resp: 4487

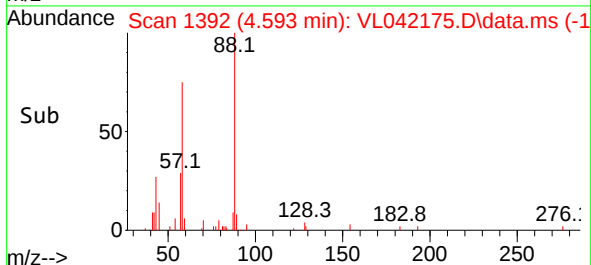
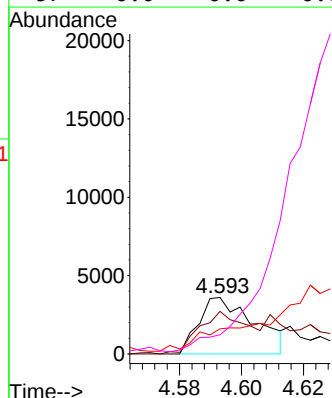
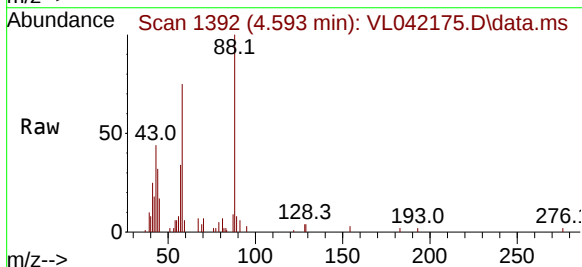
Ion Ratio Lower Upper

88 100

58 151.6 62.7 94.1#

43 0.0 23.0 34.4#

57 0.0 0.0 0.0

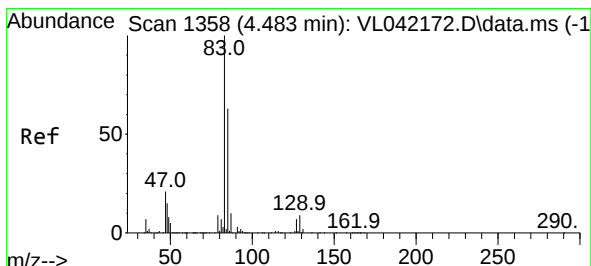
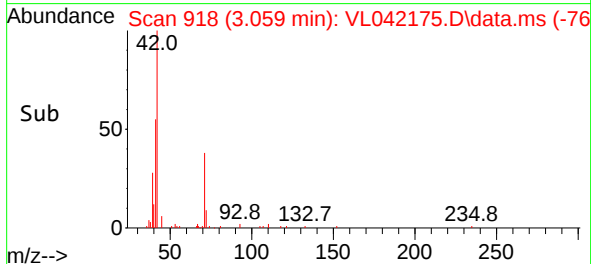
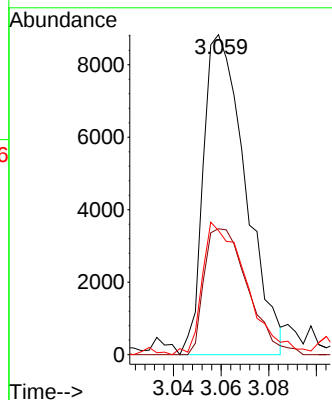
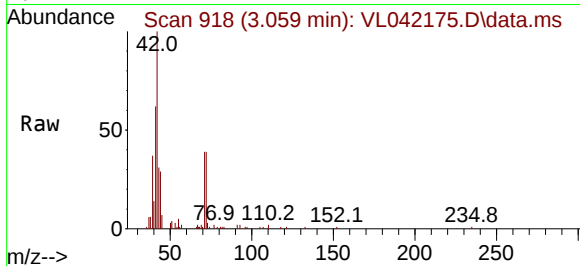




#41
Tetrahydrofuran
Concen: 0.502 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

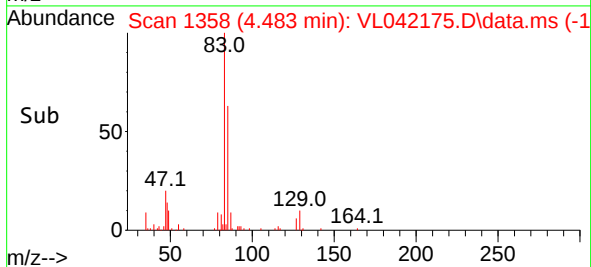
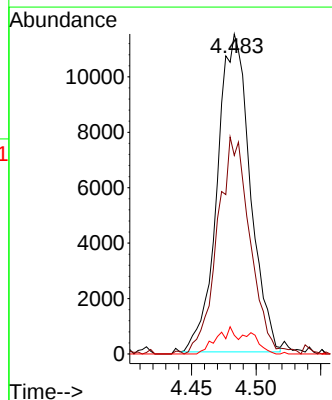
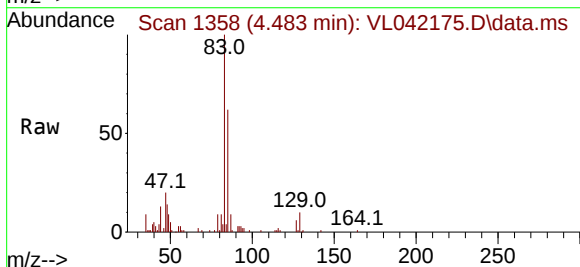
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

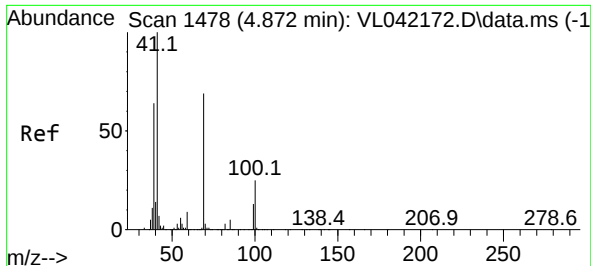
Tgt Ion: 42 Resp: 10856
Ion Ratio Lower Upper
42 100
72 40.7 31.4 47.0
71 43.1 30.2 45.4



#42
Bromodichloromethane
Concen: 0.497 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 83 Resp: 20374
Ion Ratio Lower Upper
83 100
85 61.6 50.5 75.7
127 5.9 5.9 8.9#

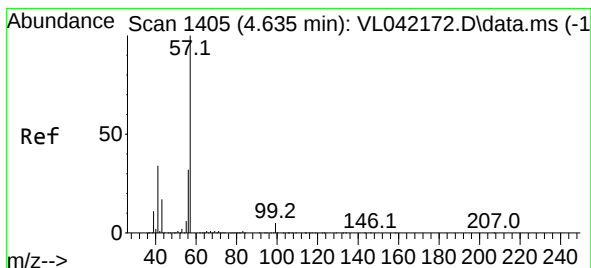
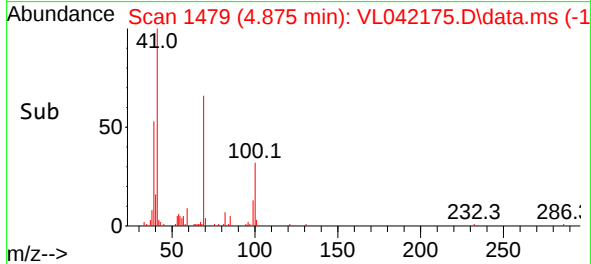
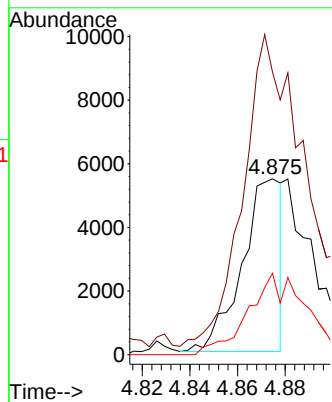
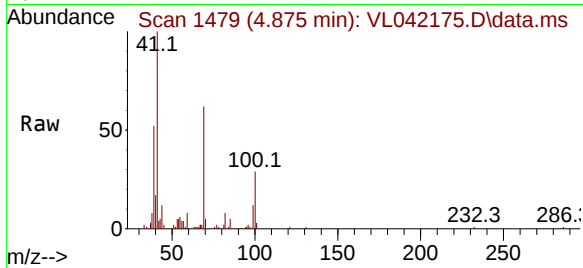




#43
Methyl Methacrylate
Concen: 0.284 ppbv
RT: 4.875 min Scan# 1478
Delta R.T. 0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

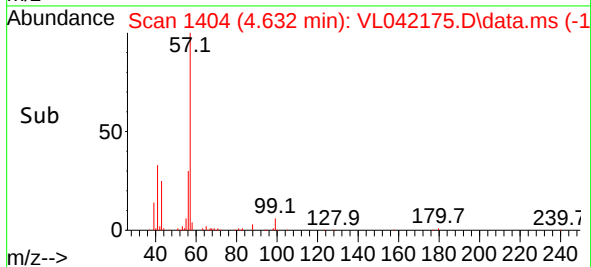
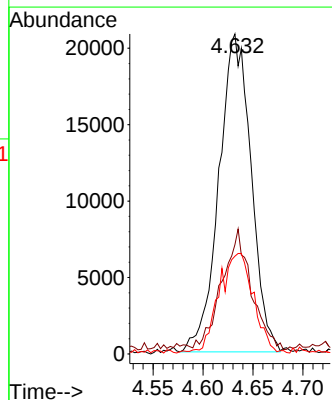
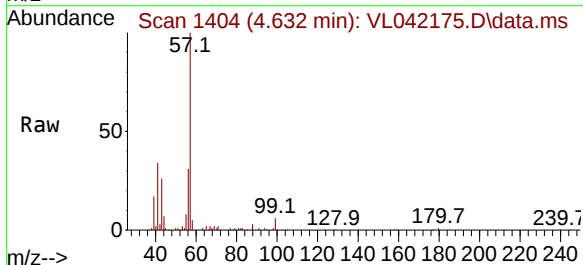
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 6229
Ion Ratio Lower Upper
69 100
41 279.4 123.8 185.6#
100 70.5 28.4 42.6#



#44
2,2,4-Trimethylpentane
Concen: 0.532 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. -0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 57 Resp: 46646
Ion Ratio Lower Upper
57 100
41 36.7 26.8 40.2
56 34.3 25.6 38.4

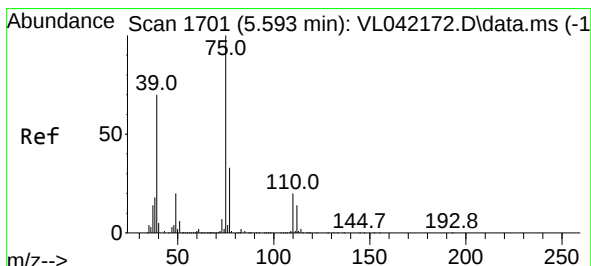
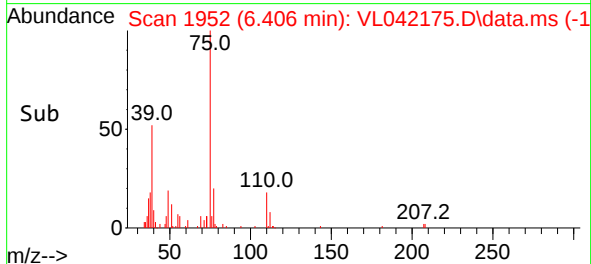
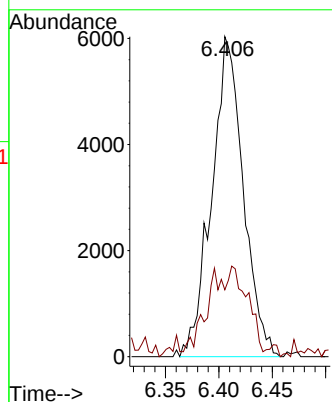
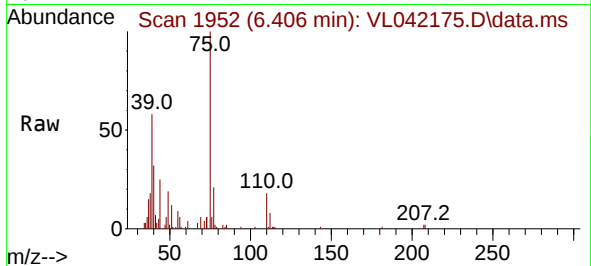




#45
 t-1,3-Dichloropropene
 Concen: 0.526 ppbv
 RT: 6.406 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

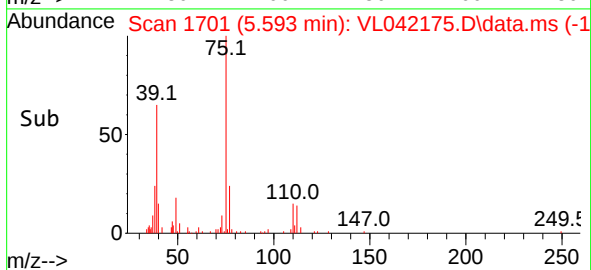
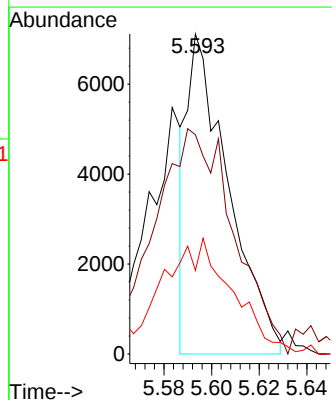
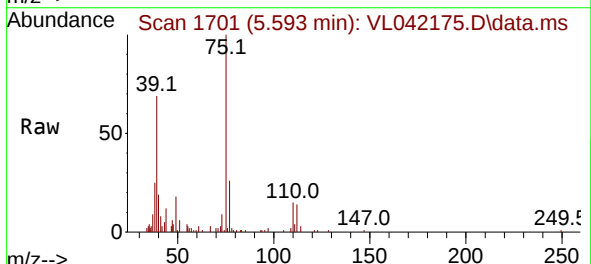
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

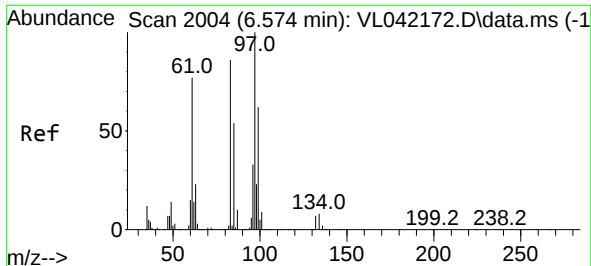
Tgt Ion: 75 Resp: 12404
 Ion Ratio Lower Upper
 75 100
 77 20.9 26.0 39.0#



#46
 cis-1,3-Dichloropropene
 Concen: 0.297 ppbv
 RT: 5.593 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 75 Resp: 8584
 Ion Ratio Lower Upper
 75 100
 39 65.0 55.8 83.6
 77 23.4 26.0 39.0#



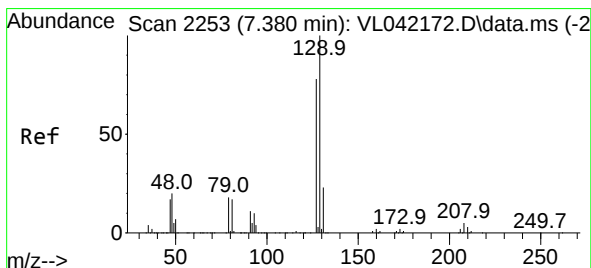
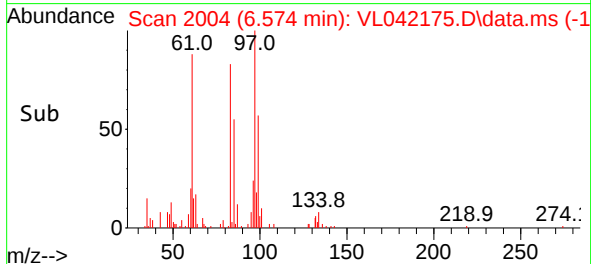
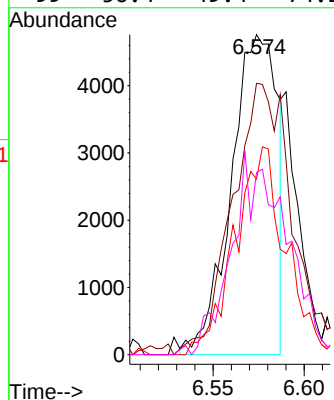
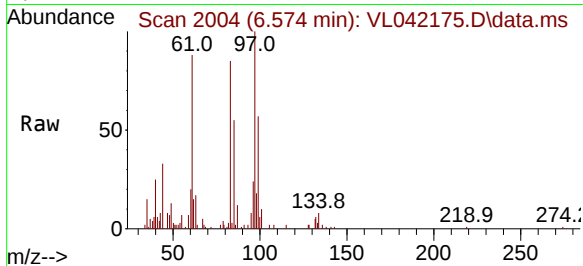


#47
1,1,2-Trichloroethane
Concen: 0.419 ppbv
RT: 6.574 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 8374

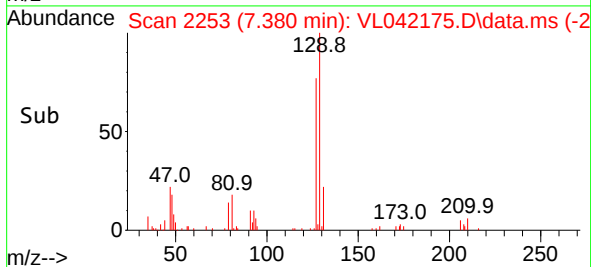
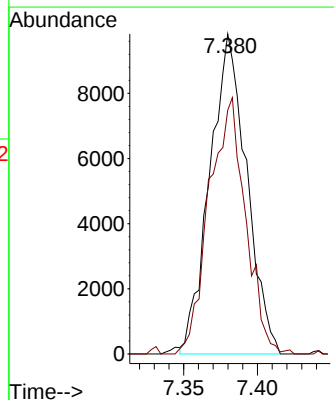
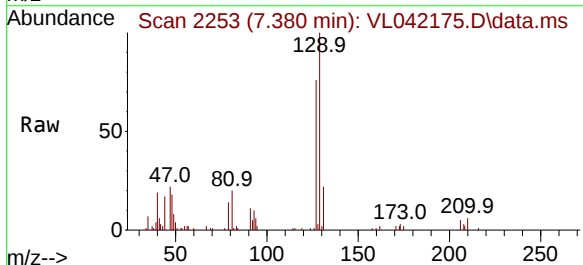
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.2	103.8
85	55.9	43.1	64.7
99	56.4	49.4	74.2

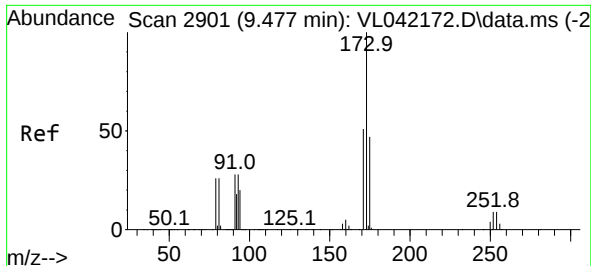


#48
Dibromochloromethane
Concen: 0.503 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 129 Resp: 17042

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.1	117.2

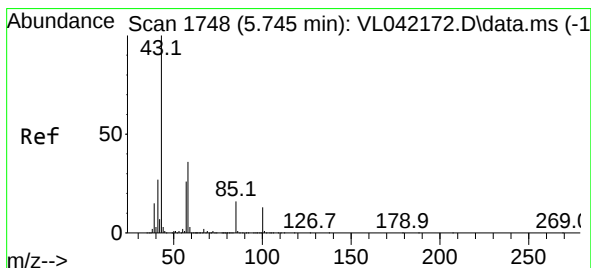
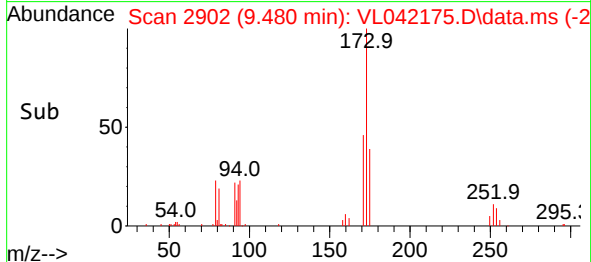
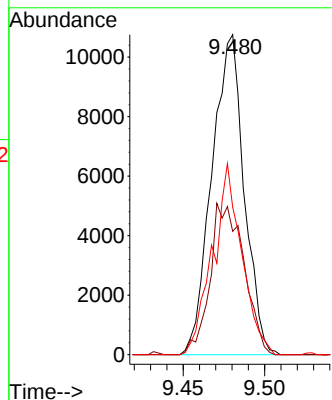
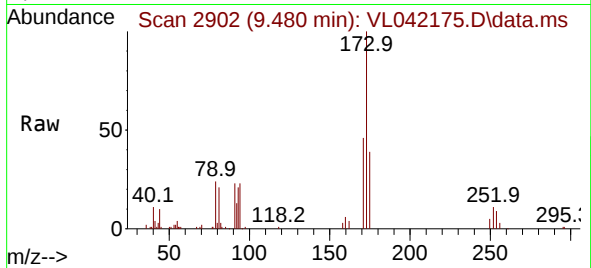




#49
Bromoform
Concen: 0.487 ppbv
RT: 9.480 min Scan# 2901
Delta R.T. 0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

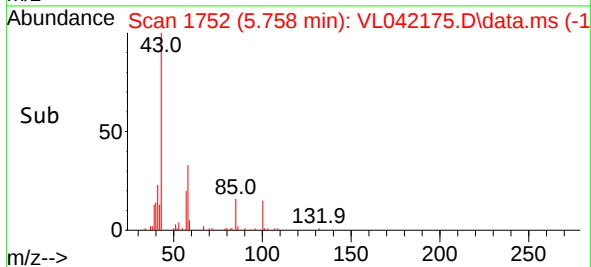
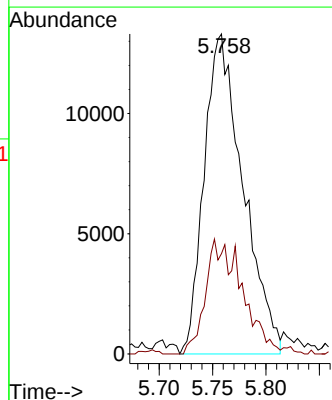
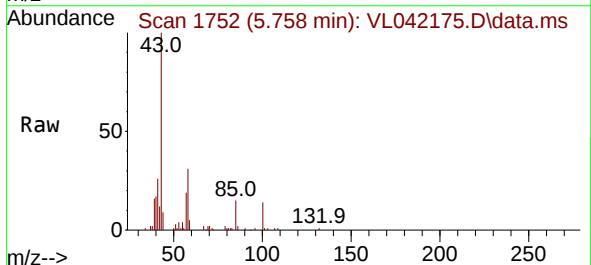
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

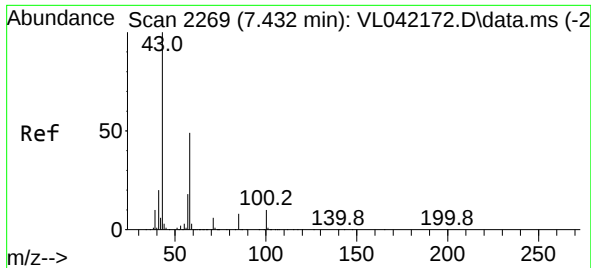
Tgt Ion:173 Resp: 14828
Ion Ratio Lower Upper
173 100
175 49.7 38.6 57.8
171 53.8 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 0.559 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 43 Resp: 33674
Ion Ratio Lower Upper
43 100
58 34.4 29.0 43.6

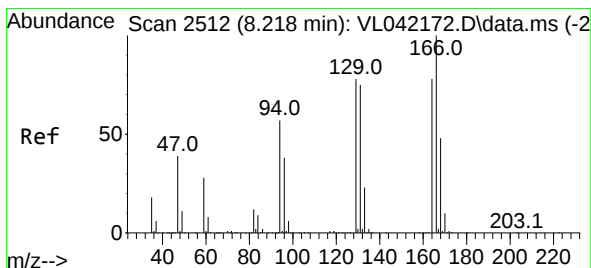
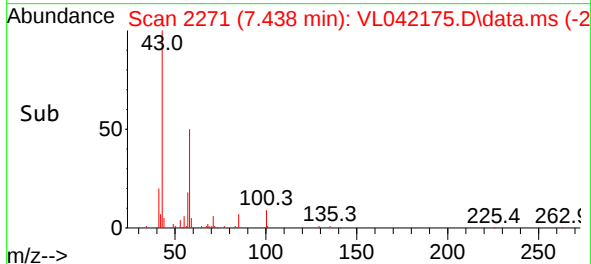
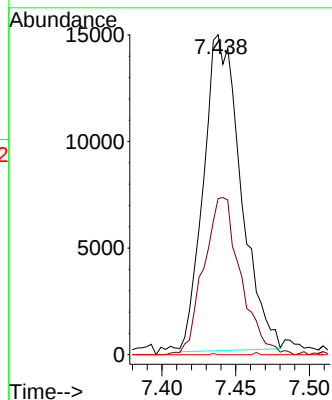
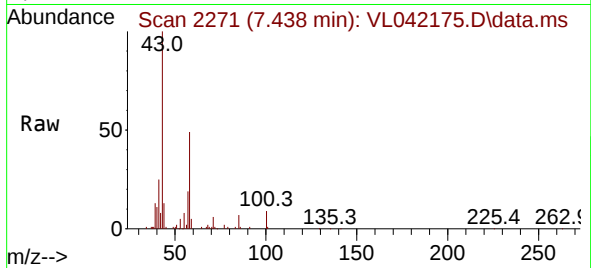




#51
2-Hexanone
Concen: 0.523 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

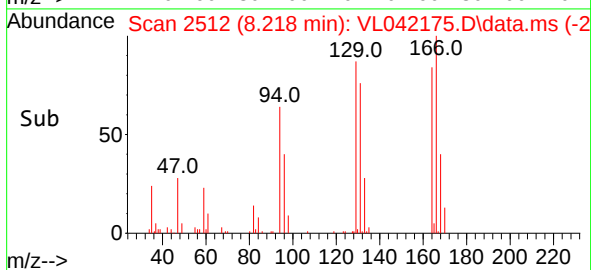
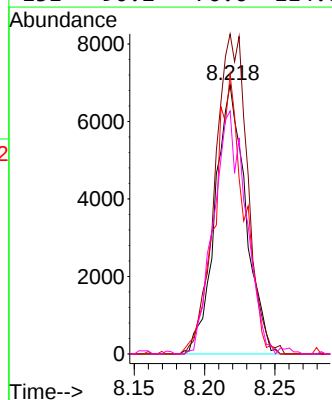
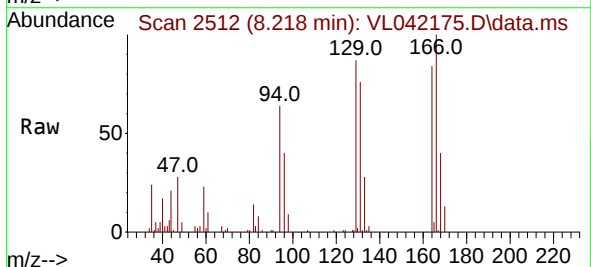
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

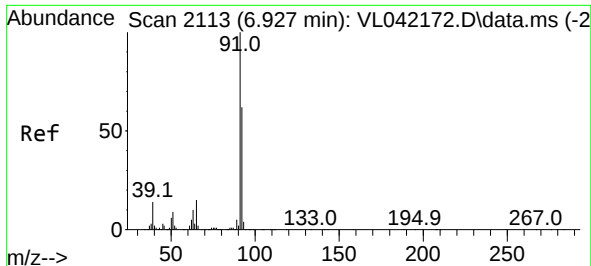
Tgt Ion: 43 Resp: 26154
Ion Ratio Lower Upper
43 100
58 49.8 39.7 59.5
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.510 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 164 Resp: 10502
Ion Ratio Lower Upper
164 100
166 118.9 102.5 153.7
129 103.8 79.8 119.8
131 90.2 76.6 114.8





#53

Toluene

Concen: 0.527 ppbv

RT: 6.923 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

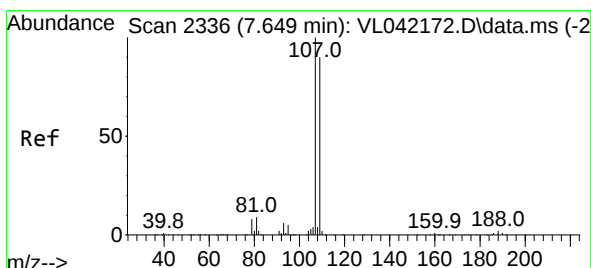
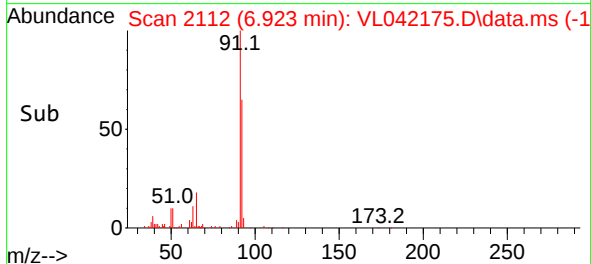
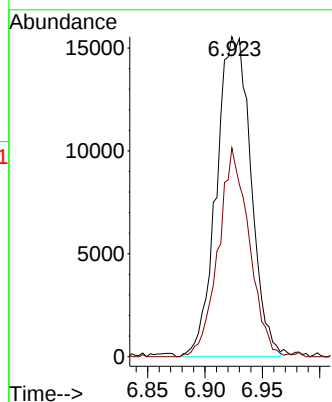
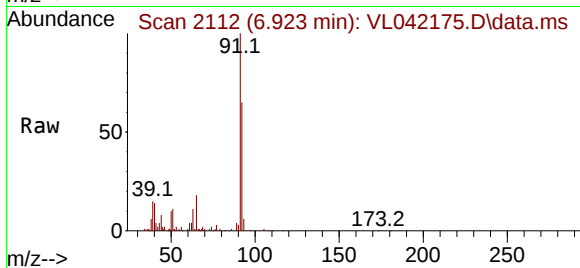
VSTDIC0.5

Tgt Ion: 91 Resp: 32444

Ion Ratio Lower Upper

91 100

92 58.9 48.4 72.6



#54

1,2-Dibromoethane

Concen: 0.510 ppbv

RT: 7.648 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VL042175.D

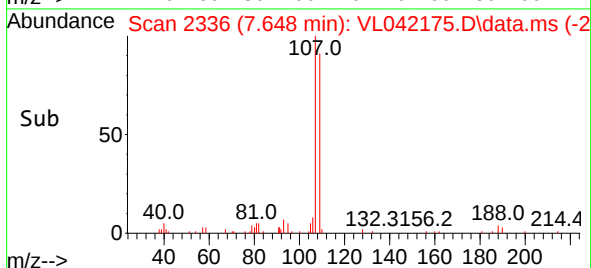
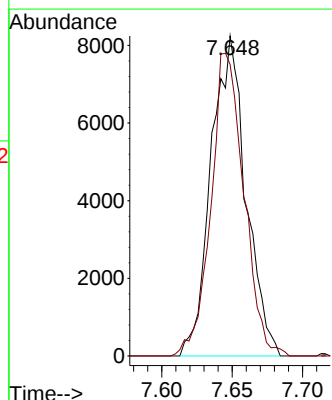
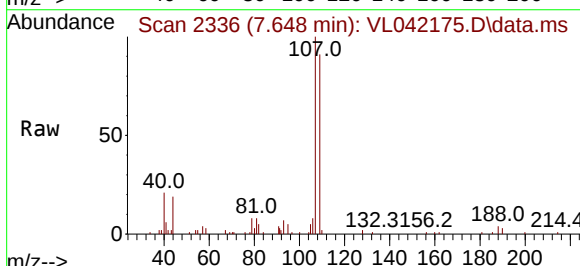
Acq: 27 Mar 2025 10:01

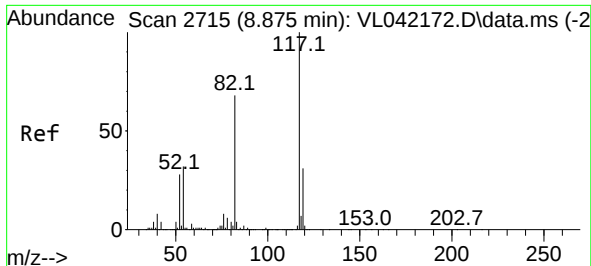
Tgt Ion: 107 Resp: 14220

Ion Ratio Lower Upper

107 100

109 89.1 72.2 108.4

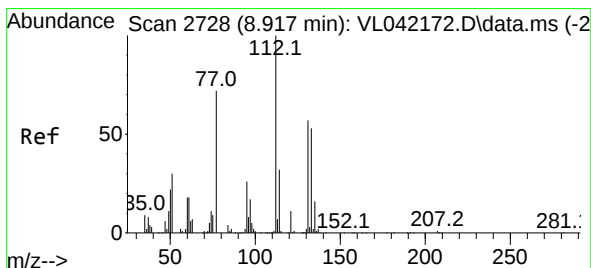
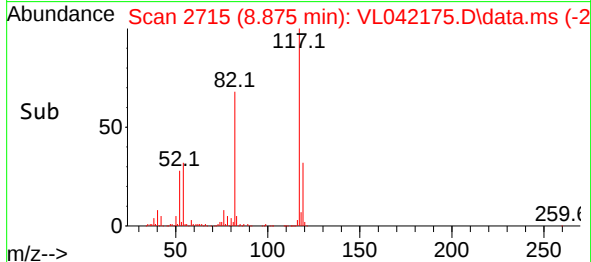
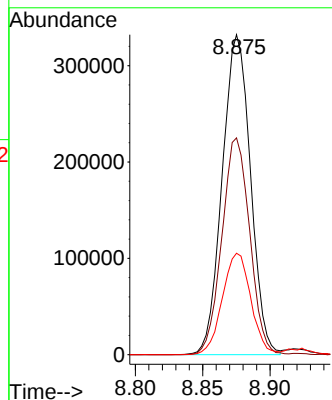
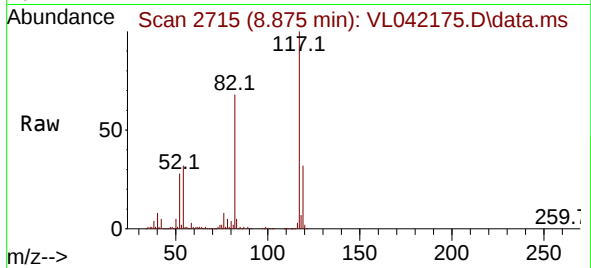




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

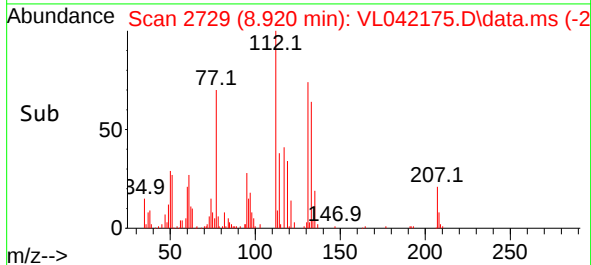
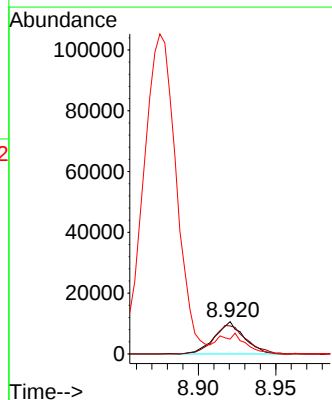
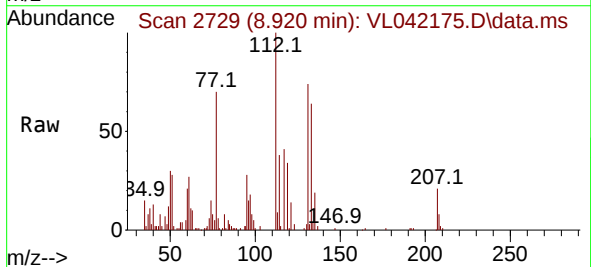
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

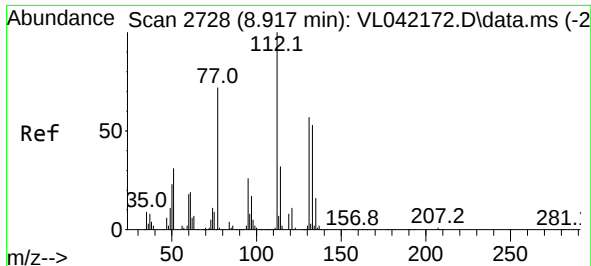
Tgt Ion:117 Resp: 485078
Ion Ratio Lower Upper
117 100
82 67.0 55.8 83.6
119 33.7 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 0.523 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:131 Resp: 13959
Ion Ratio Lower Upper
131 100
133 99.6 76.6 114.8
119 1170.3 49.8 74.6#





#57

Chlorobenzene

Concen: 0.540 ppbv

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

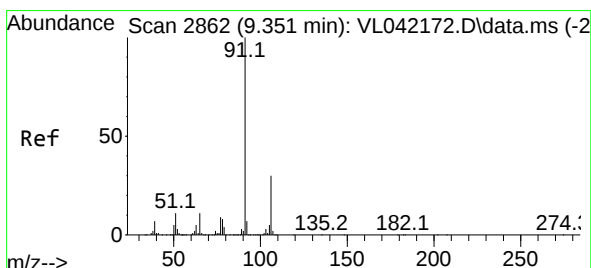
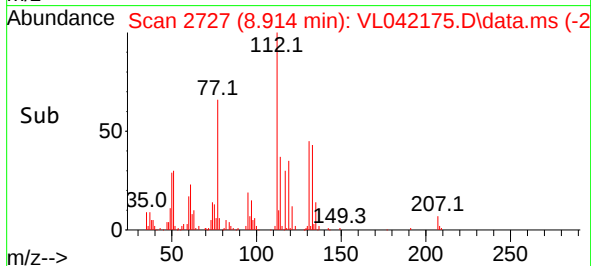
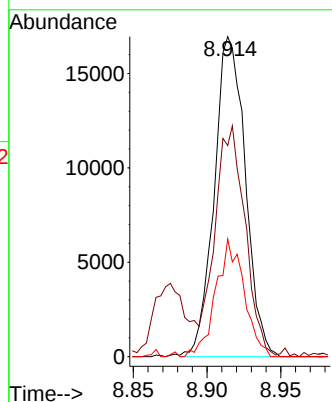
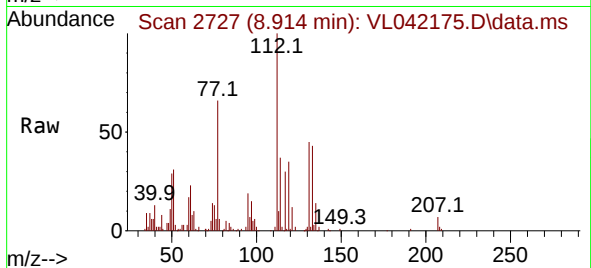
Tgt Ion:112 Resp: 24826

Ion Ratio Lower Upper

112 100

77 65.1 58.2 87.2

114 36.8 29.1 35.5#



#58

Ethyl Benzene

Concen: 0.521 ppbv

RT: 9.348 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VL042175.D

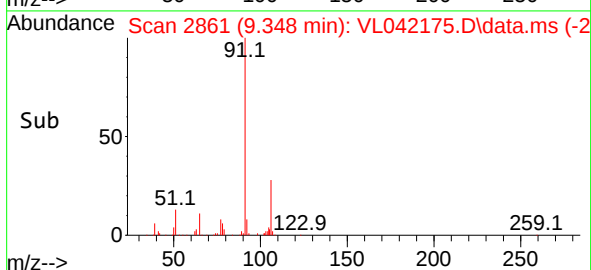
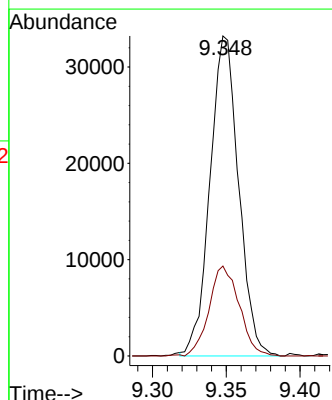
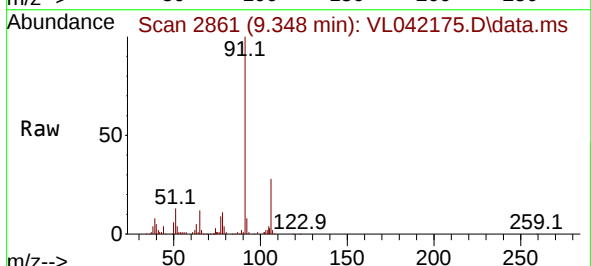
Acq: 27 Mar 2025 10:01

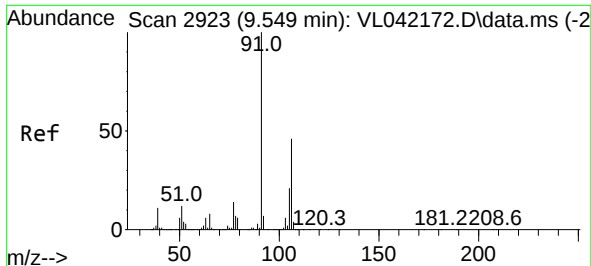
Tgt Ion: 91 Resp: 44862

Ion Ratio Lower Upper

91 100

106 28.1 24.2 36.2





#59

m/p-Xylene

Concen: 0.272 ppbv

RT: 9.548 min Scan# 2923

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

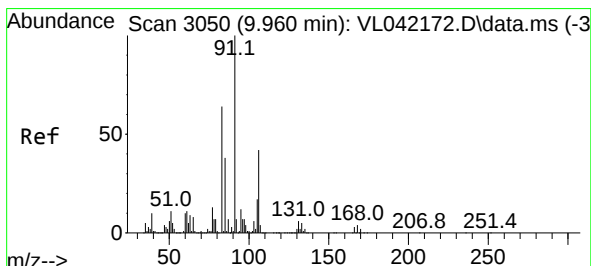
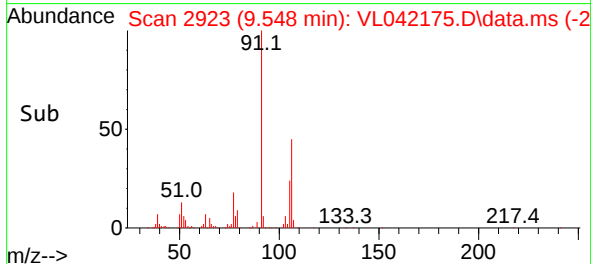
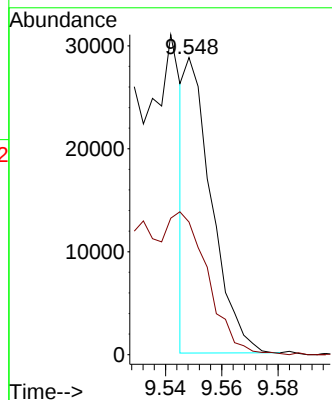
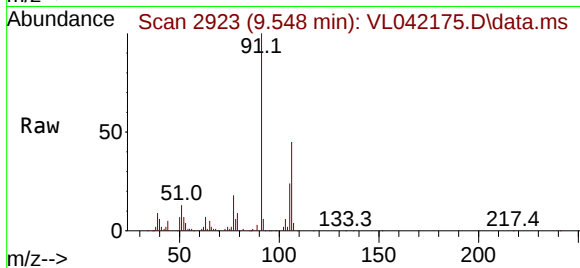
VSTDIC0.5

Tgt Ion: 91 Resp: 18711

Ion Ratio Lower Upper

91 100

106 176.2 36.4 54.6#



#60

o-Xylene

Concen: 0.535 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VL042175.D

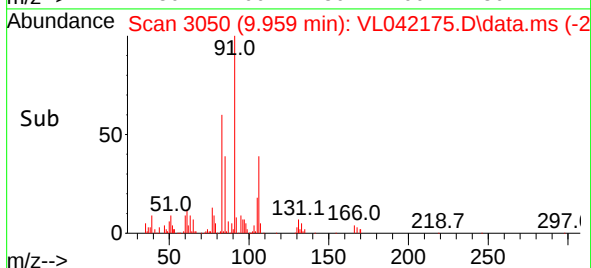
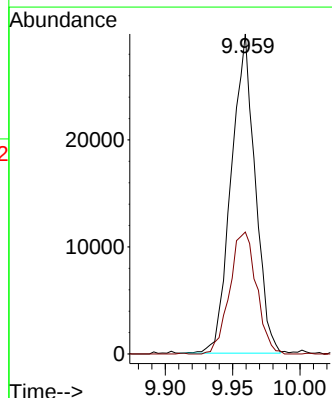
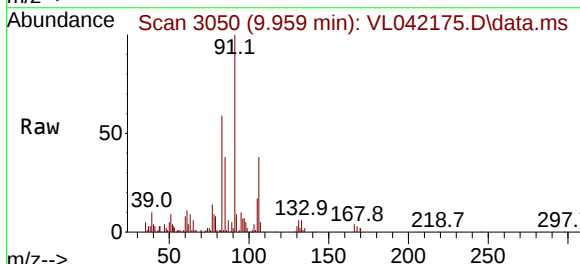
Acq: 27 Mar 2025 10:01

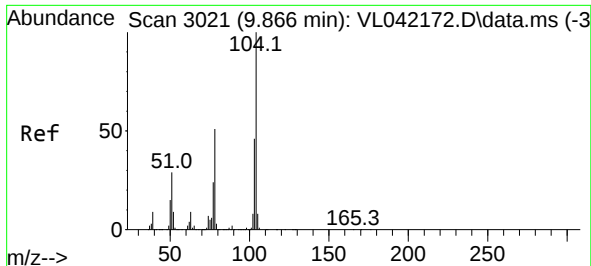
Tgt Ion: 91 Resp: 36879

Ion Ratio Lower Upper

91 100

106 42.7 20.8 62.5

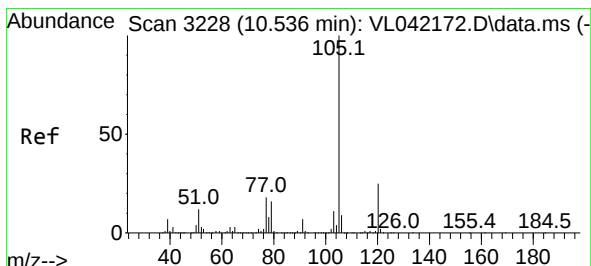
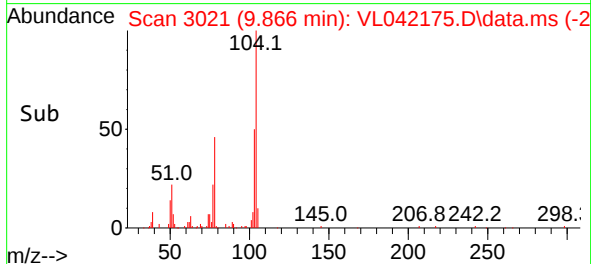
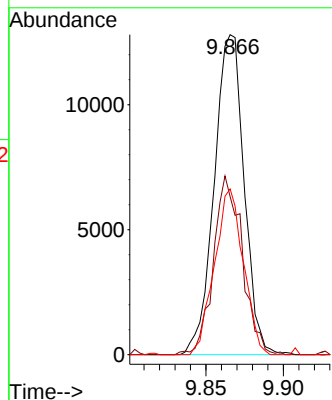
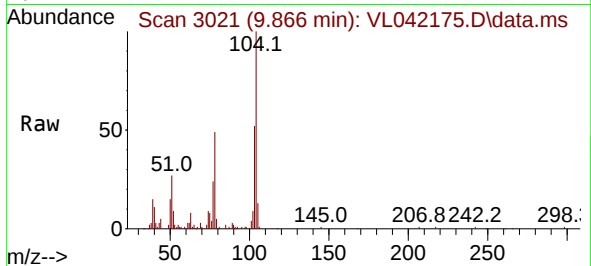




#61
Styrene
Concen: 0.504 ppbv
RT: 9.866 min Scan# 3021
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

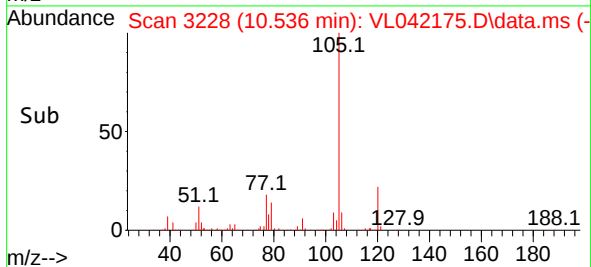
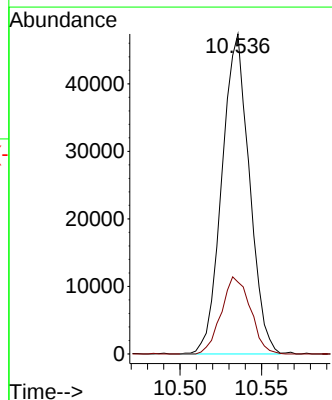
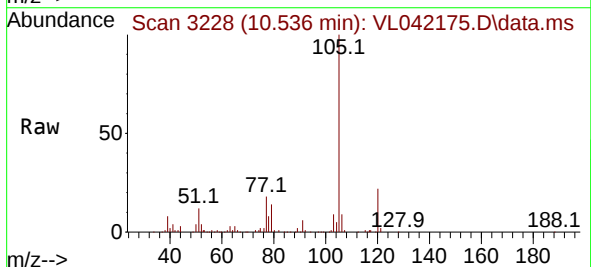
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

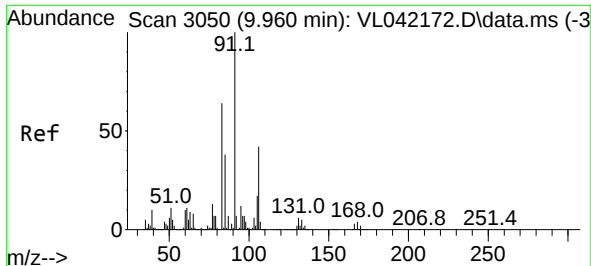
Tgt Ion:104 Resp: 17198
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.6
103 50.2 37.0 55.4



#62
Isopropylbenzene
Concen: 0.538 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:105 Resp: 55531
Ion Ratio Lower Upper
105 100
120 25.5 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 0.525 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

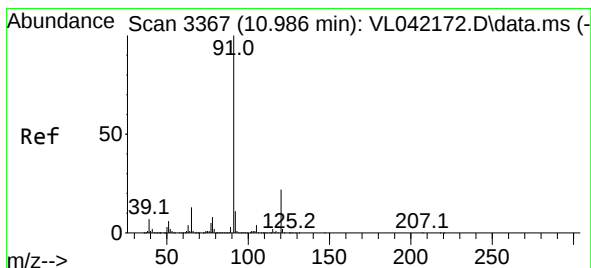
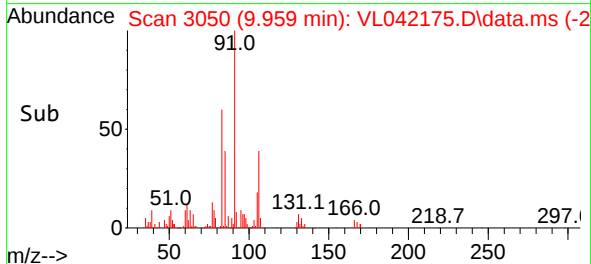
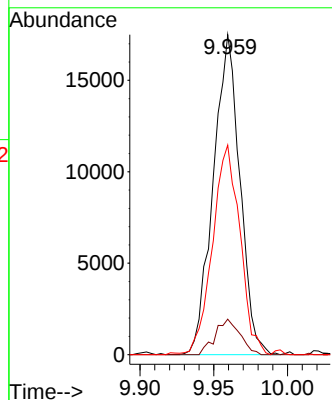
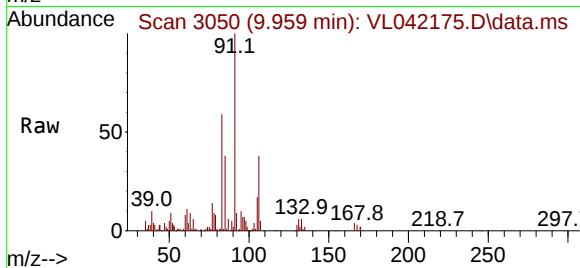
Tgt Ion: 83 Resp: 21989

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.4

85 68.1 32.5 97.5



#64

n-propylbenzene

Concen: 0.528 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.000 min

Lab File: VL042175.D

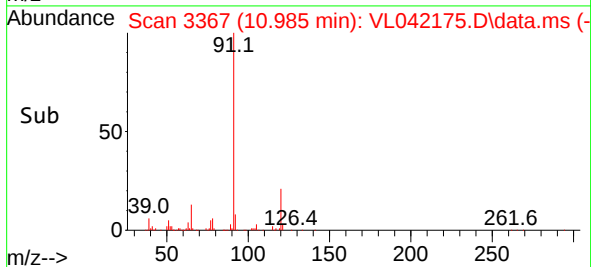
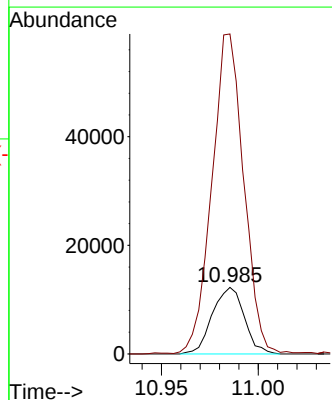
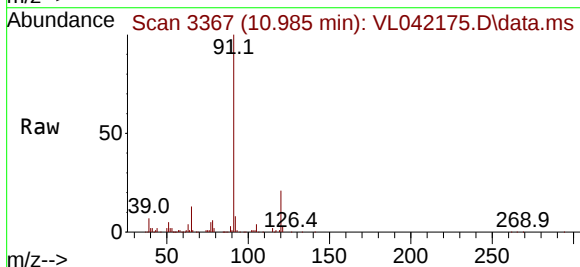
Acq: 27 Mar 2025 10:01

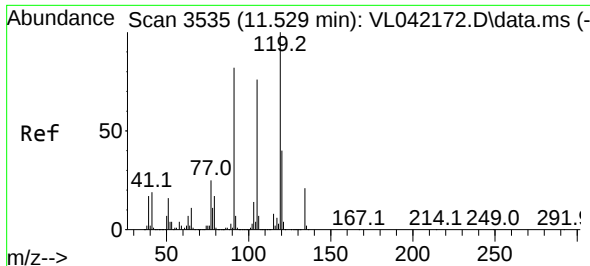
Tgt Ion:120 Resp: 14030

Ion Ratio Lower Upper

120 100

91 483.1 376.9 565.3

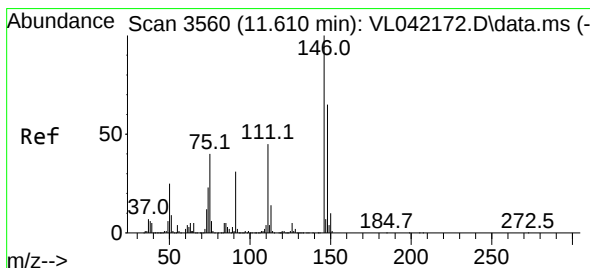
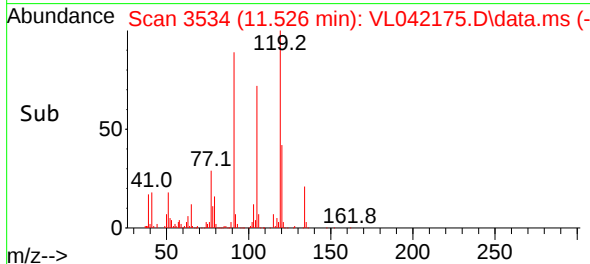
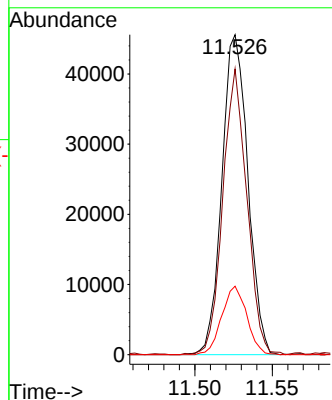
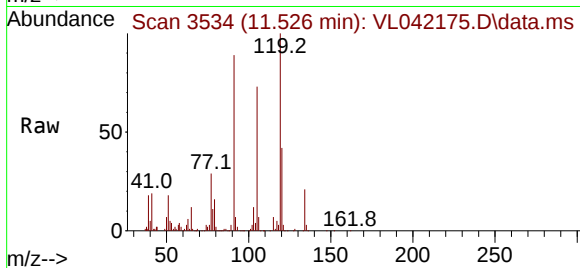




#65
tert-Butylbenzene
Concen: 0.557 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

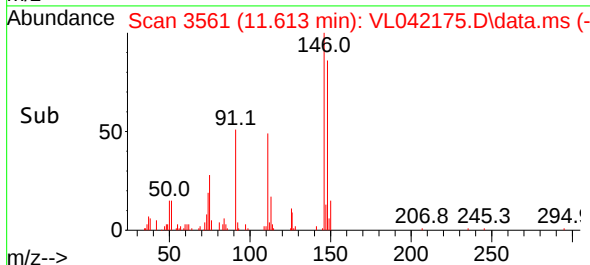
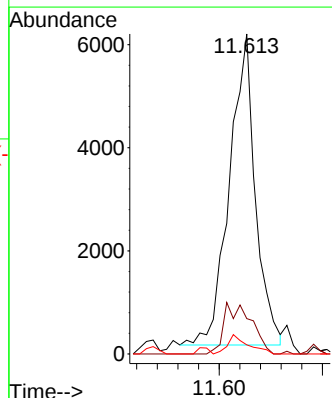
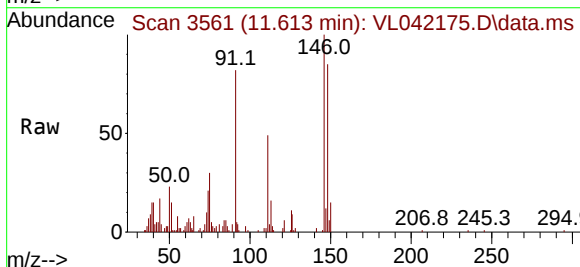
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

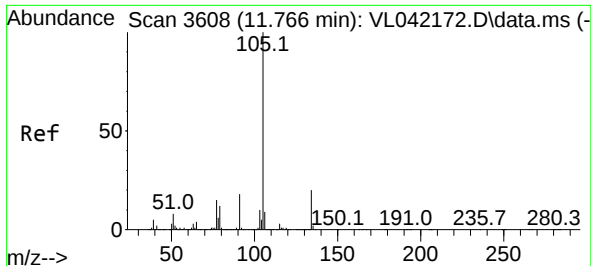
Tgt Ion:119 Resp: 53115
Ion Ratio Lower Upper
119 100
91 82.9 66.0 99.0
134 20.6 16.7 25.1



#66
Benzyl Chloride
Concen: 0.520 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 91 Resp: 5263
Ion Ratio Lower Upper
91 100
126 18.7 13.8 20.6
128 5.8 4.5 6.7

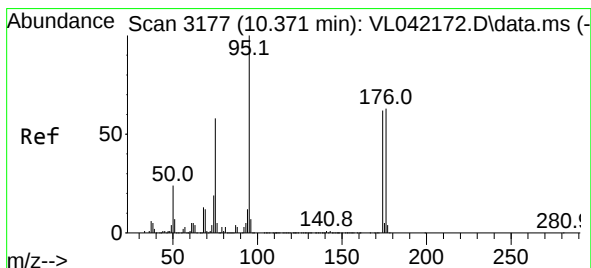
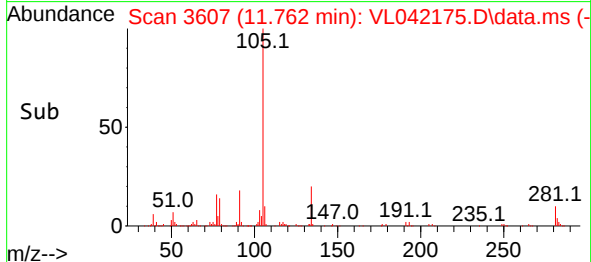
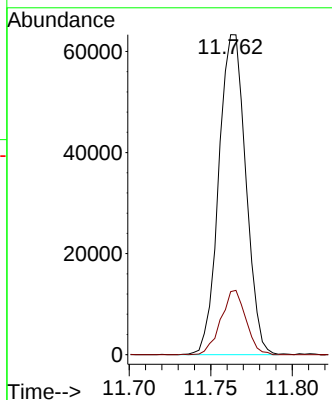
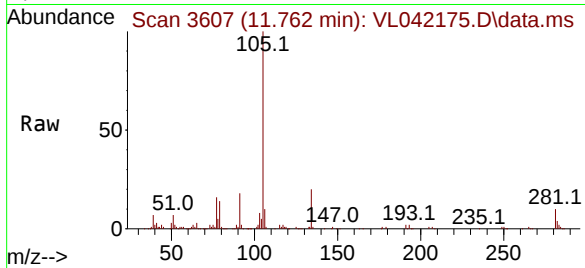




#67
 sec-Butylbenzene
 Concen: 0.550 ppbv
 RT: 11.762 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

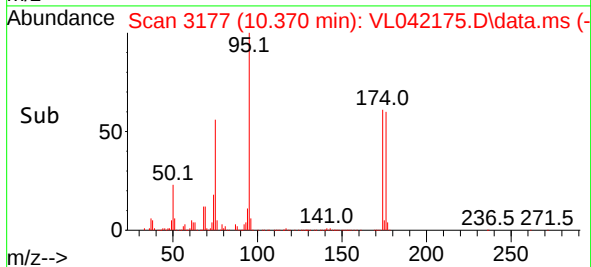
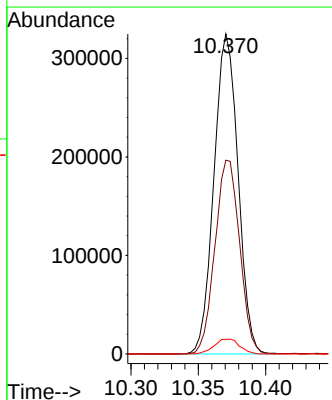
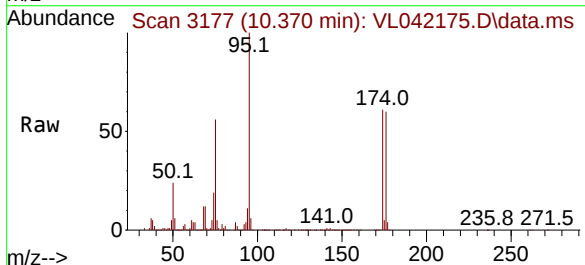
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

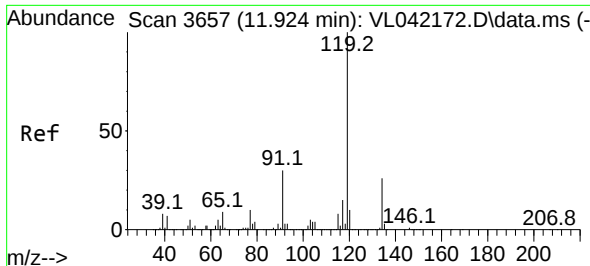
Tgt Ion:105 Resp: 72879
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.130 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.000 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Tgt Ion: 95 Resp: 403513
 Ion Ratio Lower Upper
 95 100
 174 62.3 50.6 76.0
 175 4.9 3.8 5.6

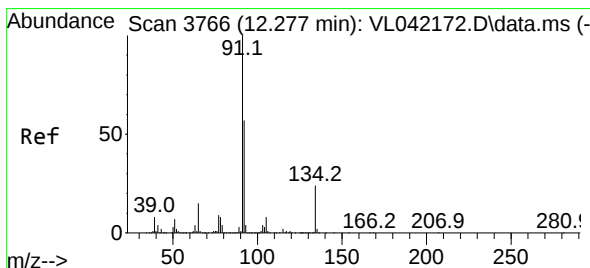
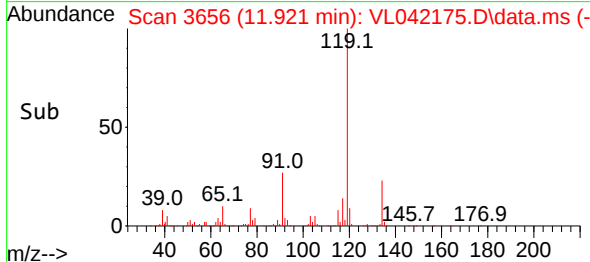
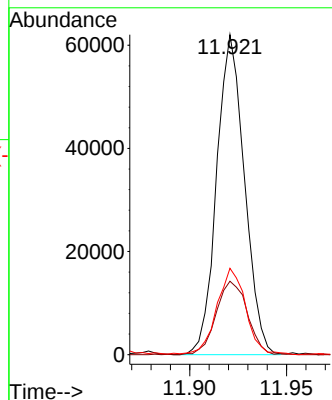
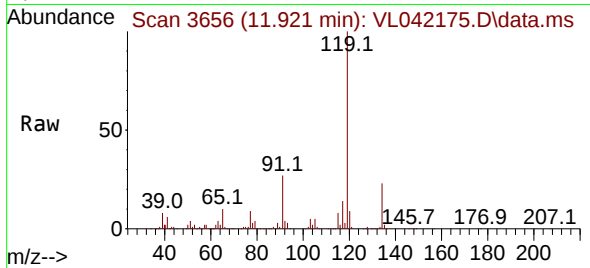




#69
p-Isopropyltoluene
Concen: 0.542 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

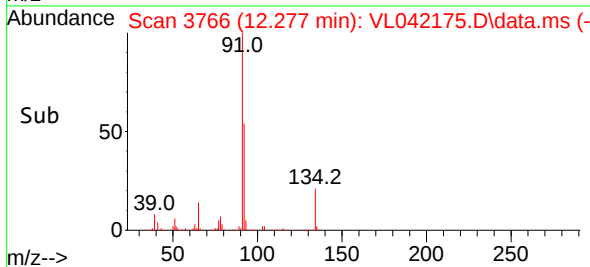
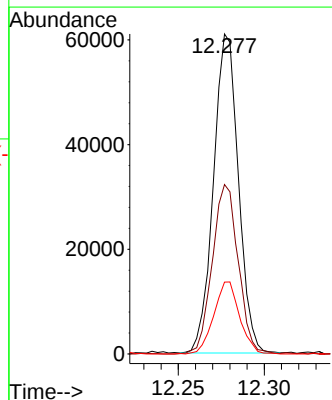
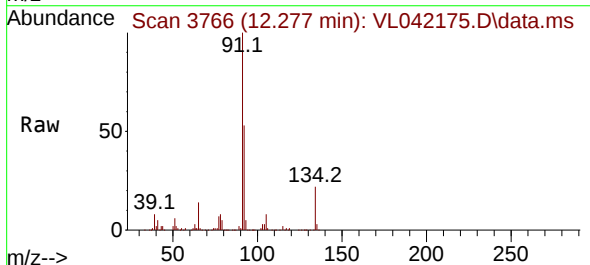
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

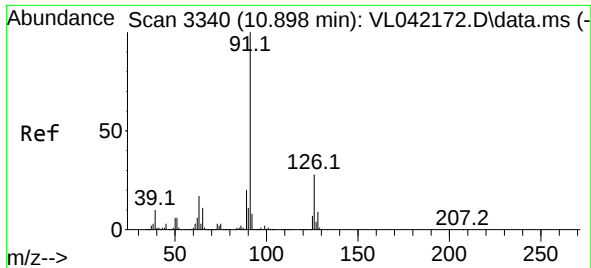
Tgt Ion:119 Resp: 61933
Ion Ratio Lower Upper
119 100
134 25.8 20.4 30.6
91 29.4 23.7 35.5



#70
n-Butylbenzene
Concen: 0.527 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 91 Resp: 61507
Ion Ratio Lower Upper
91 100
92 55.3 44.9 67.3
134 23.4 19.2 28.8

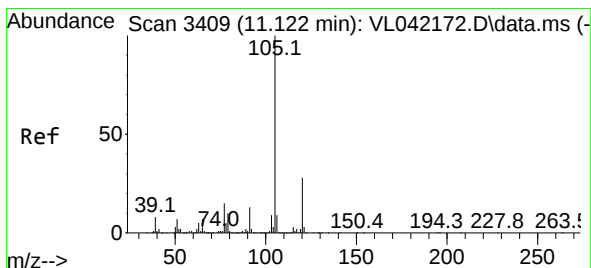
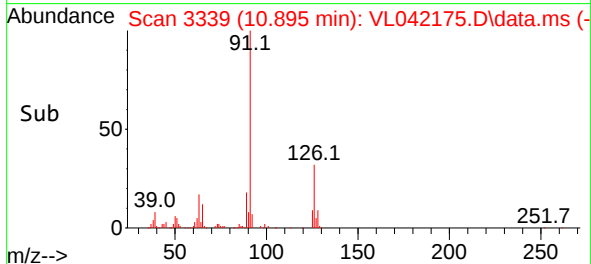
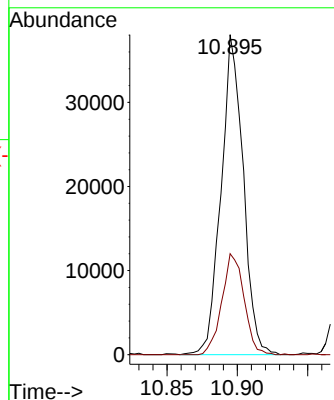
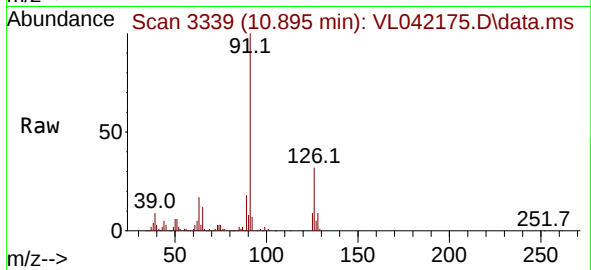




#71
2-Chlorotoluene
Concen: 0.520 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

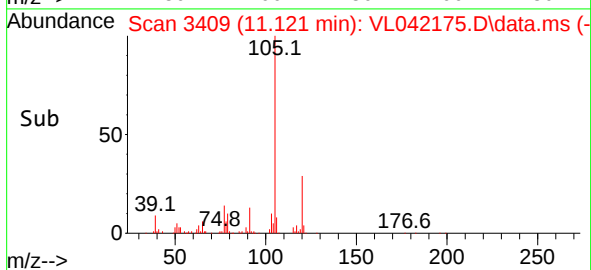
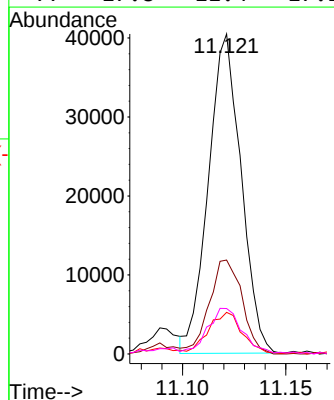
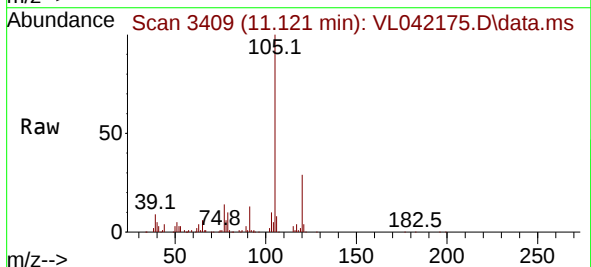
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

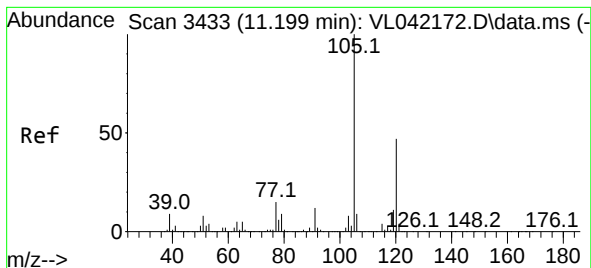
Tgt Ion: 91 Resp: 41637
Ion Ratio Lower Upper
91 100
126 31.7 11.6 46.4



#72
4-Ethyltoluene
Concen: 0.518 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion: 105 Resp: 44473
Ion Ratio Lower Upper
105 100
120 32.3 23.4 35.0
91 14.9 10.3 15.5
77 17.8 11.4 17.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.523 ppbv

RT: 11.199 min Scan# 3433

Delta R.T. -0.000 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

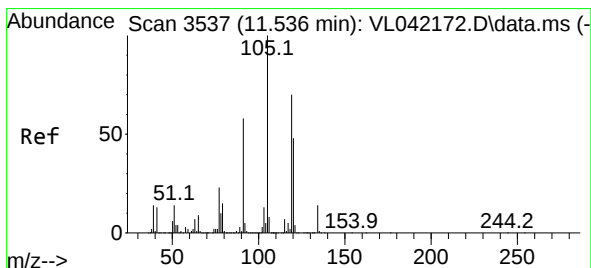
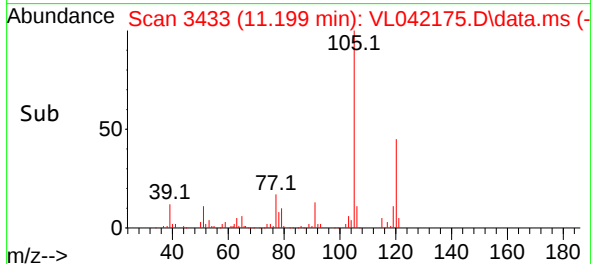
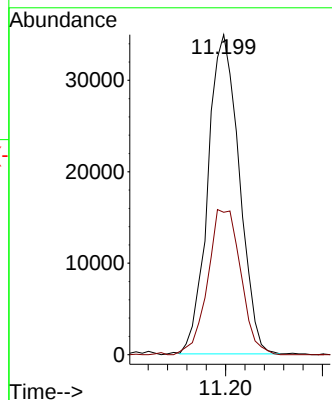
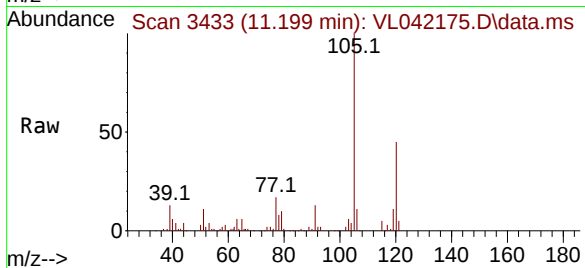
VSTDIC0.5

Tgt Ion:105 Resp: 39190

Ion Ratio Lower Upper

105 100

120 44.6 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 0.560 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042175.D

Acq: 27 Mar 2025 10:01

Tgt Ion:105 Resp: 48370

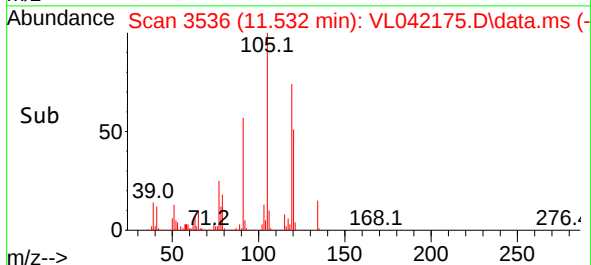
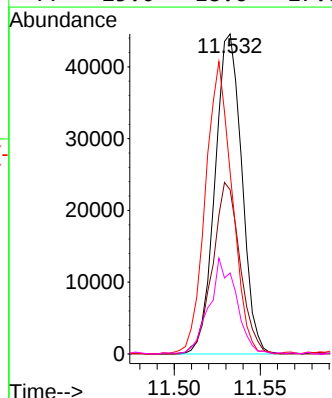
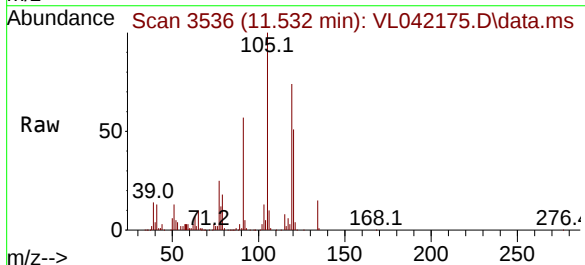
Ion Ratio Lower Upper

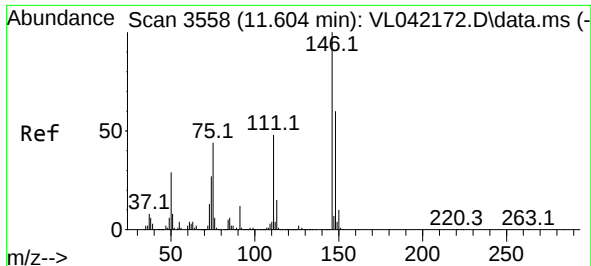
105 100

120 51.3 38.6 58.0

91 56.5 46.2 69.2

77 25.0 18.6 27.8

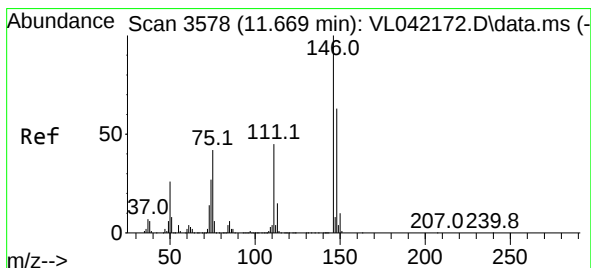
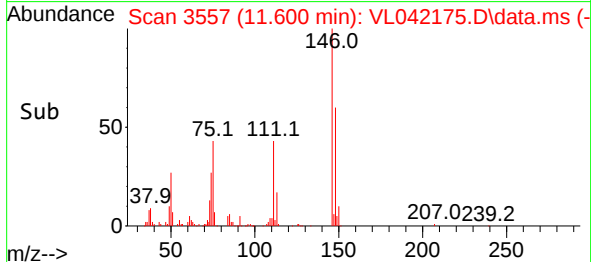
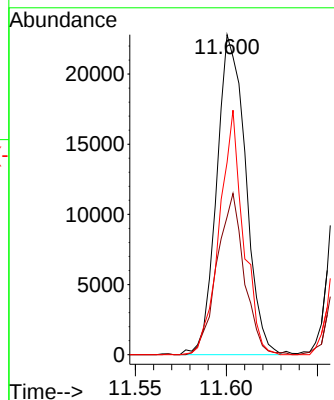
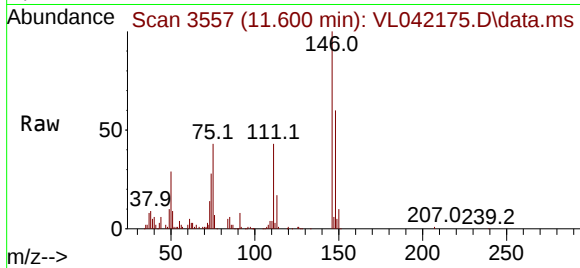




#75
1,3-Dichlorobenzene
Concen: 0.530 ppbv
RT: 11.600 min Scan# 3558
Delta R.T. -0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

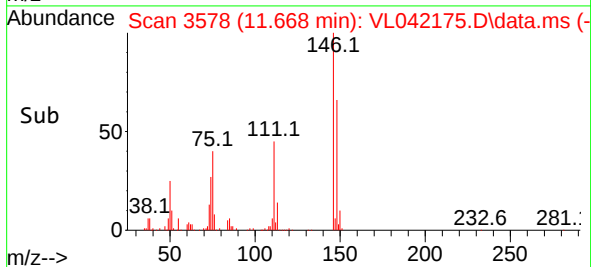
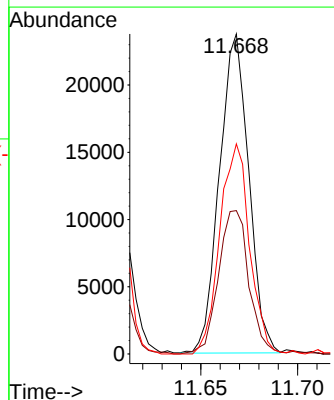
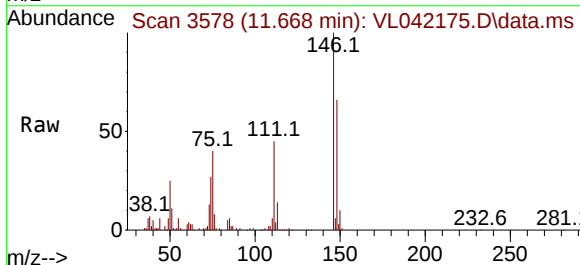
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

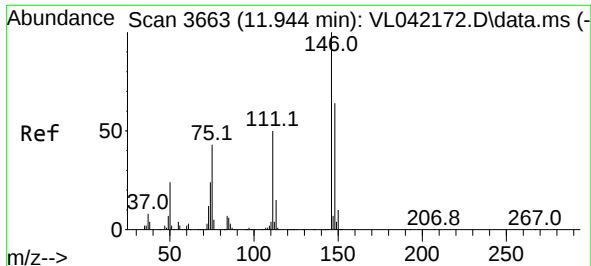
Tgt Ion:146 Resp: 25122
Ion Ratio Lower Upper
146 100
111 47.5 23.8 71.2
148 63.7 31.9 95.9



#76
1,4-Dichlorobenzene
Concen: 0.530 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:146 Resp: 24991
Ion Ratio Lower Upper
146 100
111 47.0 23.0 69.0
148 67.5 31.9 95.7

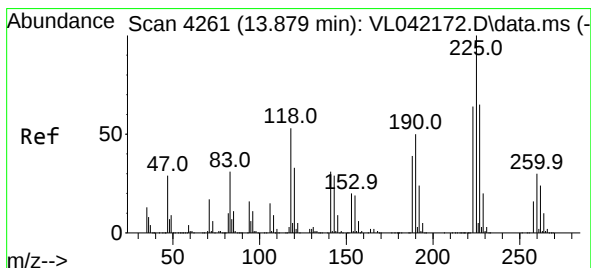
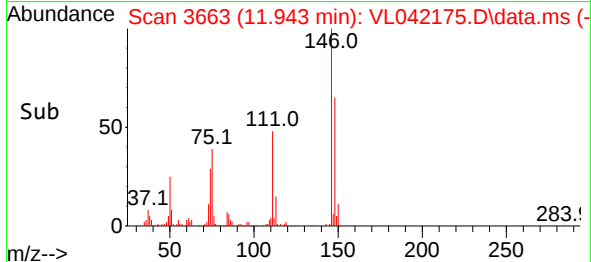
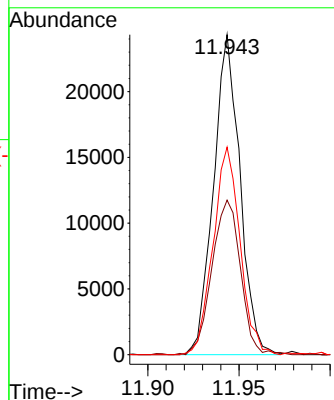
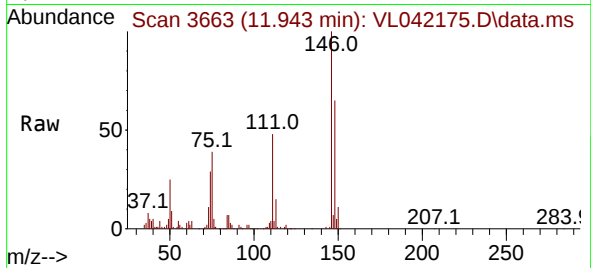




#77
1,2-Dichlorobenzene
Concen: 0.532 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

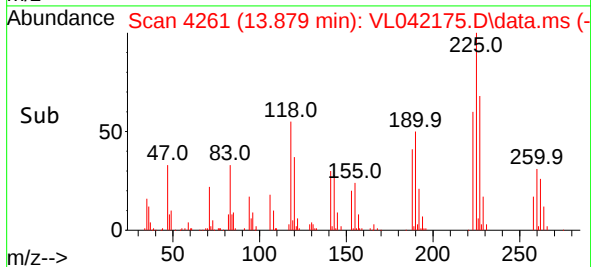
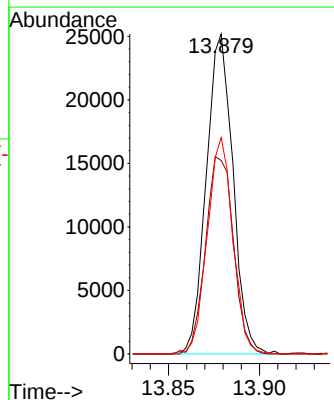
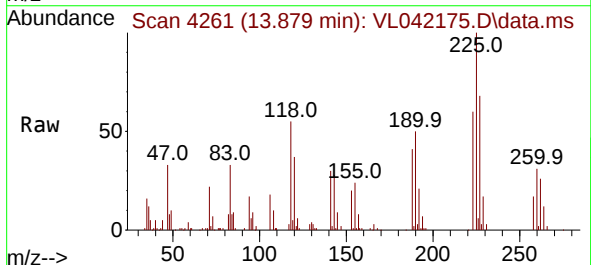
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

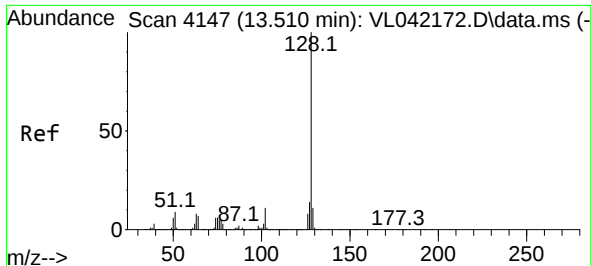
Tgt Ion:146 Resp: 24548
Ion Ratio Lower Upper
146 100
111 52.2 24.8 74.3
148 66.6 31.6 94.8



#78
Hexachloro-1,3-Butadiene
Concen: 0.546 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:225 Resp: 25636
Ion Ratio Lower Upper
225 100
223 64.5 50.6 76.0
227 64.8 51.2 76.8

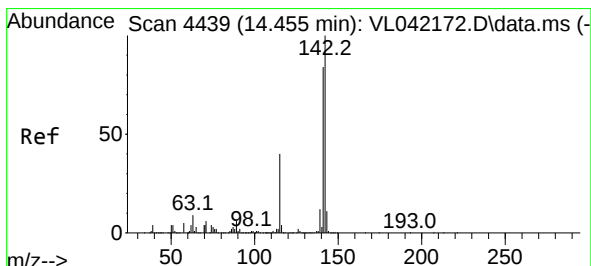
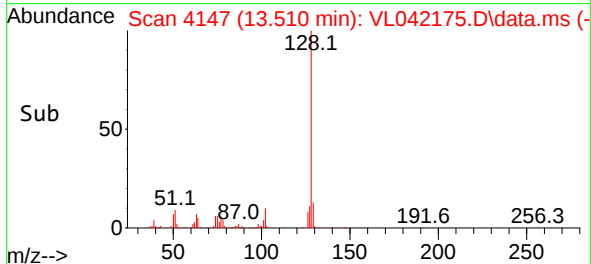
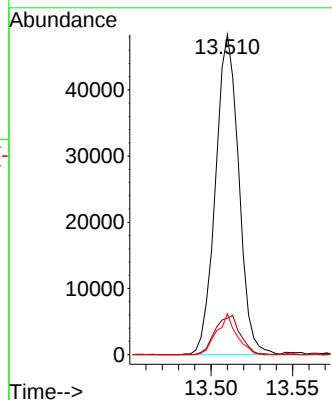
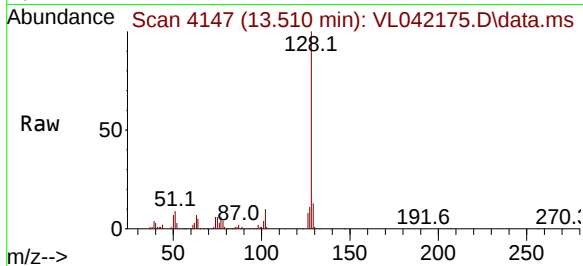




#79
Naphthalene
Concen: 0.508 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.000 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

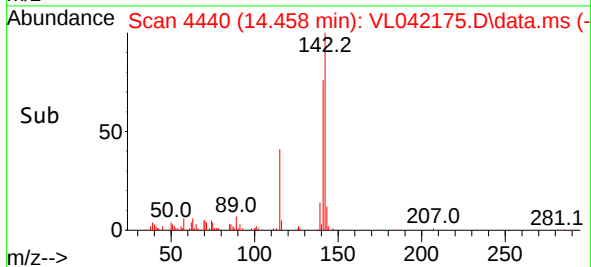
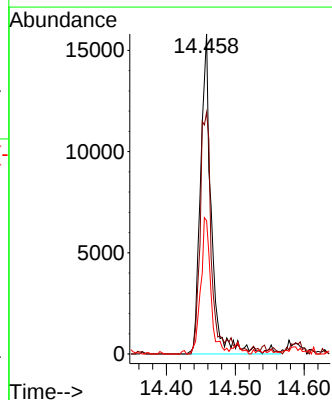
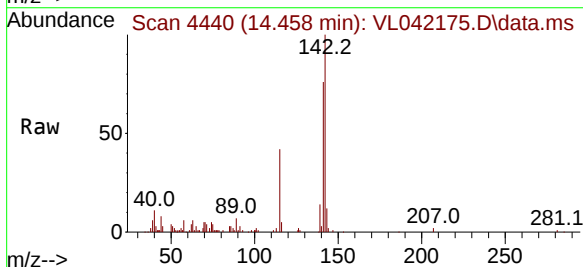
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

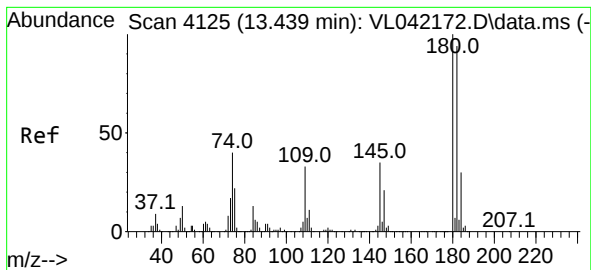
Tgt Ion:128 Resp: 47990
Ion Ratio Lower Upper
128 100
127 11.4 10.8 16.2
129 12.8 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 0.380 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042175.D
Acq: 27 Mar 2025 10:01

Tgt Ion:142 Resp: 17486
Ion Ratio Lower Upper
142 100
141 83.3 66.3 99.5
115 43.5 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.457 ppbv
 RT: 13.436 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042175.D
 Acq: 27 Mar 2025 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 19924
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.1 112.7
 184 31.1 24.4 36.6

