

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021425\
 Data File : VL042017.D
 Acq On : 14 Feb 2025 13:25
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 15 01:20:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 15 01:17:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	92174	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.940	114	282067	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.866	117	256509	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	214136	10.121	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.493	85	16373	1.032	ppbv	98
3) Chlorodifluoromethane	1.470	51	19142	1.090	ppbv	99
4) Chloromethane	1.528	50	6614	1.073	ppbv	97
5) Vinyl Chloride	1.574	62	6402	0.868	ppbv	90
6) Bromomethane	1.661	94	3041	1.064	ppbv	98
7) Chloroethane	1.697	64	2776	1.155	ppbv #	84
8) Dichlorotetrafluoroethane	1.548	85	14261	1.022	ppbv	94
9) Propene	1.476	41	8138	1.073	ppbv	94
10) Heptane	4.956	43	21704	1.039	ppbv	98
11) Trichlorofluoromethane	1.871	101	15787	0.989	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.130	101	12604	1.012	ppbv	94
13) Ethanol	1.716	45	1207	1.314	ppbv	88
14) Bromoethene	1.774	108	5024	1.080	ppbv #	92
15) Acetone	1.829	43	16372	1.076	ppbv	91
16) 1,3-Butadiene	1.603	39	7502	1.039	ppbv	94
17) tert-Butyl alcohol	2.033	59	19848	1.054	ppbv	95
18) 1,1-Dichloroethene	2.023	96	6569	1.085	ppbv	95
19) Isopropyl Alcohol	1.881	45	9139	1.065	ppbv #	42
20) Methylene Chloride	2.056	84	6180	1.079	ppbv #	78
21) Allyl Chloride	2.088	41	11473	1.048	ppbv	97
22) trans-1,2-Dichloroethene	2.331	96	6499	1.006	ppbv	81
23) Vinyl Acetate	2.454	43	9143	1.110	ppbv #	94
24) 1,1-Dichloroethane	2.399	63	14290	1.090	ppbv	99
25) Ethyl Acetate	2.826	43	43444	1.040	ppbv	98
26) Hexane	2.813	57	18285	1.091	ppbv	95
27) Carbon Disulfide	2.140	76	17017	1.080	ppbv #	44
28) Methyl tert-Butyl Ether	2.435	73	11866	1.158	ppbv #	81
29) Chloroform	2.836	83	25310	1.043	ppbv	92
30) Cyclohexane	3.836	84	15240	1.038	ppbv	97
31) cis-1,2-Dichloroethene	2.710	61	17097	1.032	ppbv	97
32) 1,1,1-Trichloroethane	3.357	97	25430	0.945	ppbv	100
34) 2-Butanone	2.551	43	25581	1.054	ppbv	96
35) Carbon Tetrachloride	3.742	117	26435	0.984	ppbv #	88
36) Benzene	3.642	78	34379	1.006	ppbv	97
37) 1,2-Dichloroethane	3.205	62	20867	1.073	ppbv	98
38) Trichloroethene	4.529	130	14210	1.013	ppbv	95
39) 1,2-Dichloropropane	4.299	63	13187	1.040	ppbv #	82
40) 1,4-Dioxane	4.584	88	2538	0.392	ppbv #	1
41) Tetrahydrofuran	3.050	42	13754	0.971	ppbv	94
42) Bromodichloromethane	4.467	83	26223	0.995	ppbv #	88
43) Methyl Methacrylate	4.862	69	8482	0.552	ppbv #	9
44) 2,2,4-Trimethylpentane	4.616	57	59532	1.026	ppbv	99
45) t-1,3-Dichloropropene	6.393	75	3419	0.232	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021425\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 15 01:20:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 15 01:17:03 2025
 Response via : Initial Calibration

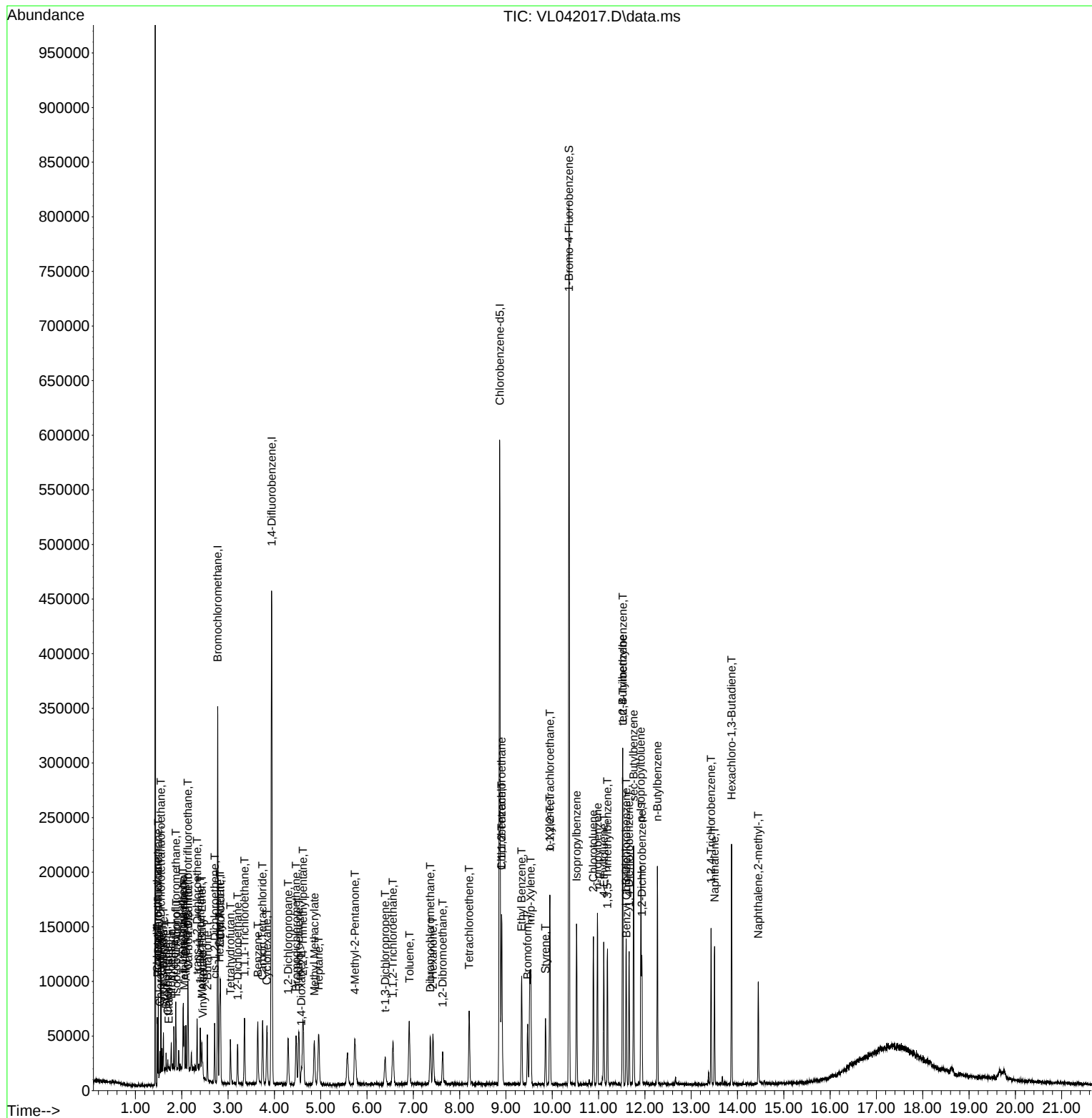
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.558	97	12639	0.959	ppbv	95
48) Dibromochloromethane	7.364	129	12892	0.589	ppbv #	40
49) Bromoform	9.468	173	17395	0.960	ppbv	96
50) 4-Methyl-2-Pentanone	5.736	43	18022	0.478	ppbv #	26
51) 2-Hexanone	7.422	43	33046	1.069	ppbv #	96
52) Tetrachloroethene	8.202	164	6365	0.534	ppbv	99
53) Toluene	6.914	91	22309	0.552	ppbv #	28
54) 1,2-Dibromoethane	7.633	107	17720	0.964	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.905	131	18900	1.032	ppbv	93
57) Chlorobenzene	8.905	112	32156	1.066	ppbv	96
58) Ethyl Benzene	9.338	91	58735	1.046	ppbv	100
59) m/p-Xylene	9.532	91	47741	1.079	ppbv #	31
60) o-Xylene	9.947	91	47347	1.059	ppbv	100
61) Styrene	9.853	104	21872	1.026	ppbv	97
62) Isopropylbenzene	10.526	105	70665	1.053	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.950	83	27852	0.965	ppbv	98
64) n-propylbenzene	10.979	120	17468	1.059	ppbv	93
65) tert-Butylbenzene	11.517	119	62846	1.074	ppbv	99
66) Benzyl Chloride	11.601	91	6113	1.035	ppbv	99
67) sec-Butylbenzene	11.756	105	88881	1.081	ppbv	99
69) p-Isopropyltoluene	11.911	119	71697	1.065	ppbv	98
70) n-Butylbenzene	12.271	91	70916	1.070	ppbv	97
71) 2-Chlorotoluene	10.889	91	51962	1.028	ppbv	95
72) 4-Ethyltoluene	11.112	105	54079	1.031	ppbv	98
73) 1,3,5-Trimethylbenzene	11.190	105	48308	1.069	ppbv	96
74) 1,2,4-Trimethylbenzene	11.523	105	52921	1.091	ppbv #	88
75) 1,3-Dichlorobenzene	11.594	146	28362	1.086	ppbv	97
76) 1,4-Dichlorobenzene	11.659	146	26798	1.052	ppbv	99
77) 1,2-Dichlorobenzene	11.937	146	26585	1.065	ppbv	98
78) Hexachloro-1,3-Butadiene	13.870	225	21844	1.058	ppbv	97
79) Naphthalene	13.504	128	56546	1.185	ppbv	98
80) Naphthalene,2-methyl-	14.446	142	26997	1.245	ppbv	99
81) 1,2,4-Trichlorobenzene	13.429	180	21943	1.131	ppbv	97

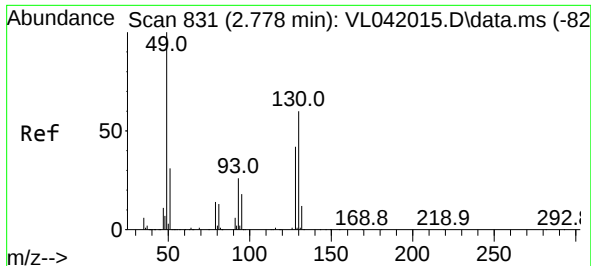
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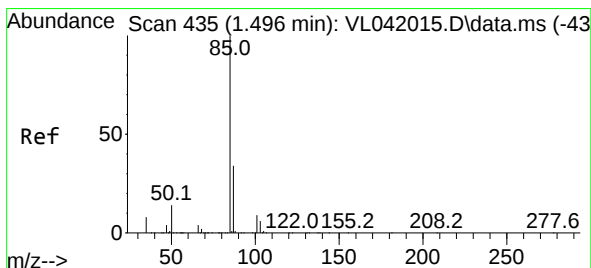
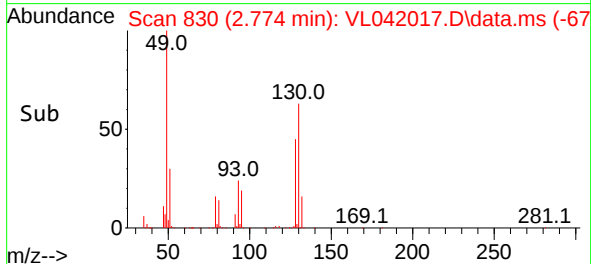
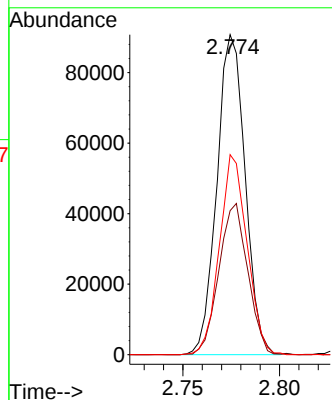
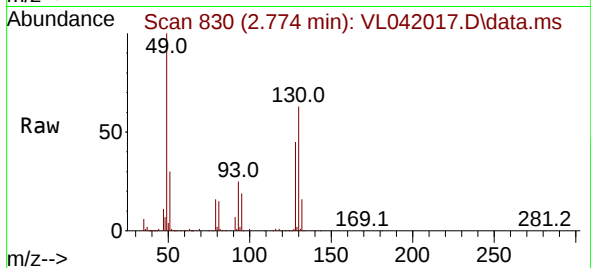




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 831
Delta R.T. -0.004 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

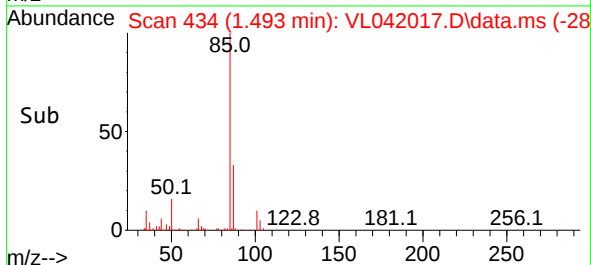
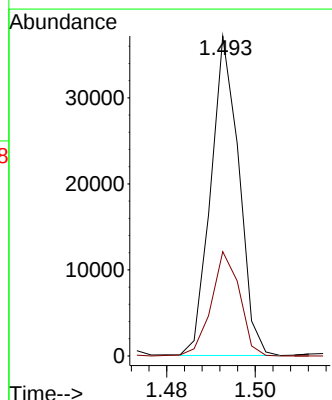
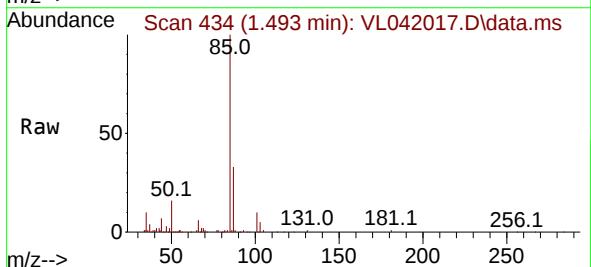
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MSVOA_L
ClientSampleId :

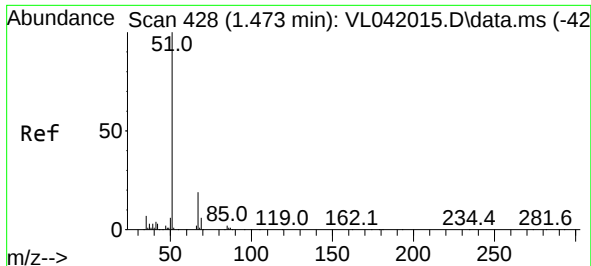
Tgt Ion: 49 Resp: 92174
Ion Ratio Lower Upper
49 100
128 48.4 22.7 68.0
130 61.2 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 1.032 ppbv
RT: 1.493 min Scan# 434
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 85 Resp: 16373
Ion Ratio Lower Upper
85 100
87 32.6 26.9 40.3

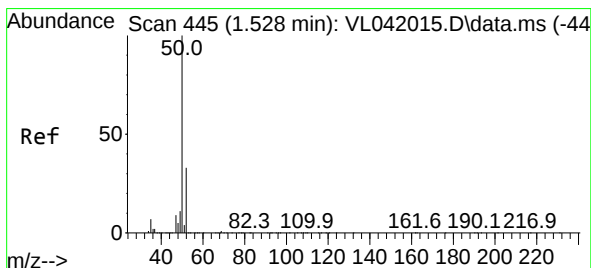
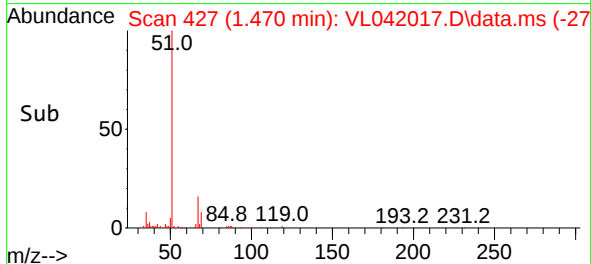
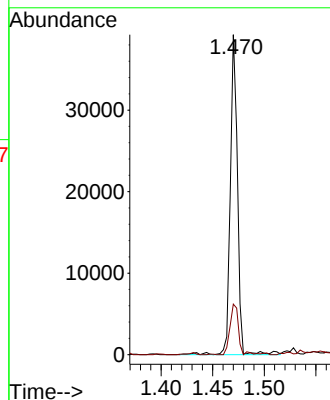
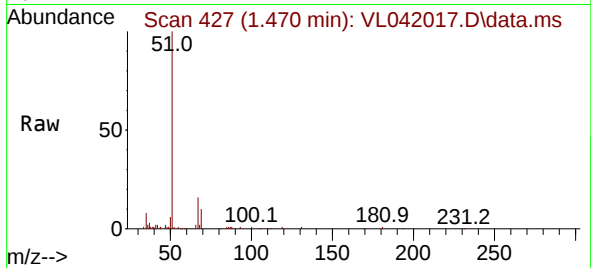




#3
Chlorodifluoromethane
Concen: 1.090 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

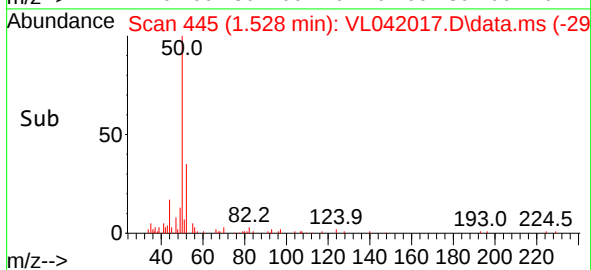
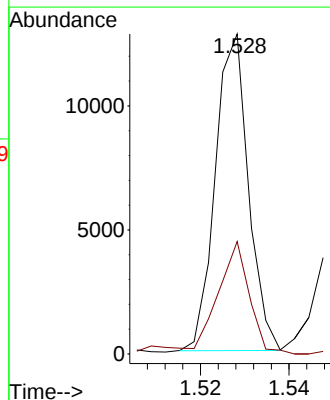
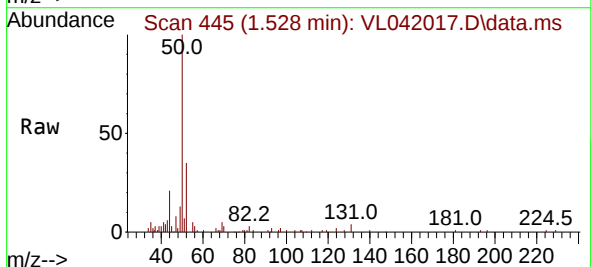
Instrument :
MSVOA_L
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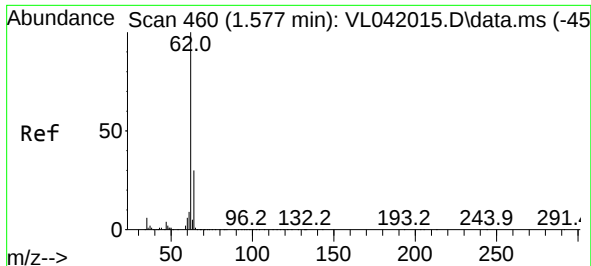
Tgt Ion: 51 Resp: 19142
Ion Ratio Lower Upper
51 100
67 19.3 15.0 22.6



#4
Chloromethane
Concen: 1.073 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 50 Resp: 6614
Ion Ratio Lower Upper
50 100
52 34.4 26.2 39.2

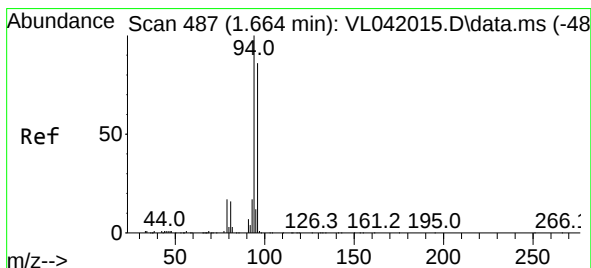
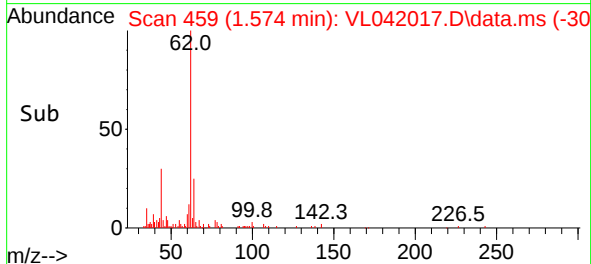
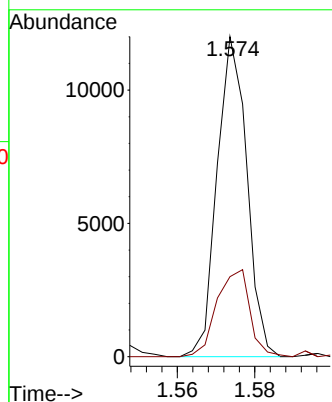
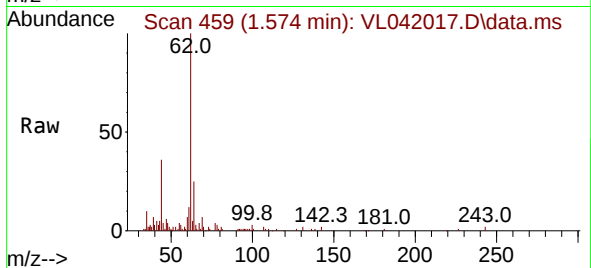




#5
 Vinyl Chloride
 Concen: 0.868 ppbv
 RT: 1.574 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

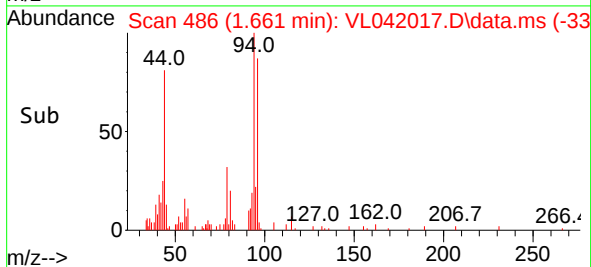
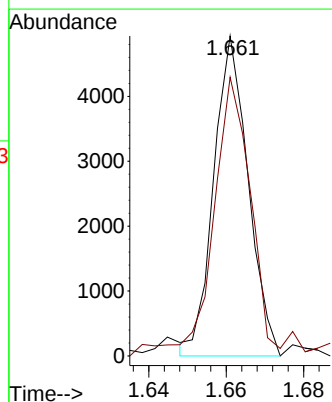
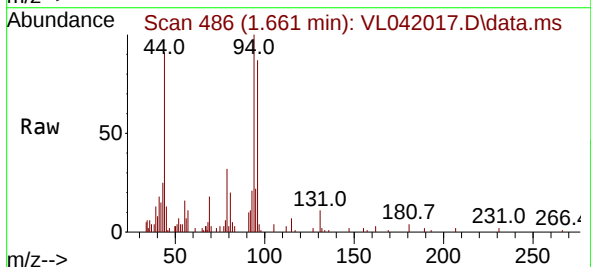
Instrument :
 MSVOA_L
 ClientSampleId :

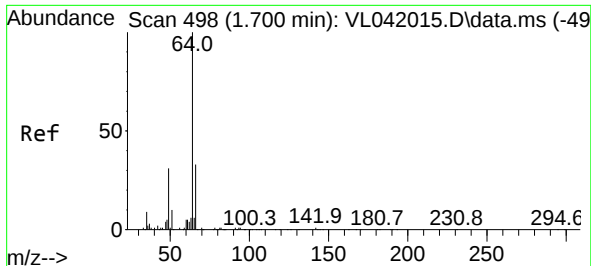
Tgt Ion: 62 Resp: 6402
 Ion Ratio Lower Upper
 62 100
 64 25.0 24.4 36.6



#6
 Bromomethane
 Concen: 1.064 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Tgt Ion: 94 Resp: 3041
 Ion Ratio Lower Upper
 94 100
 96 84.8 69.0 103.6

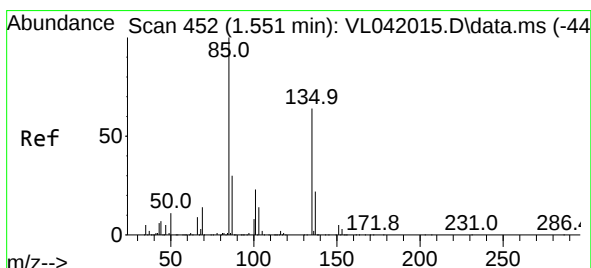
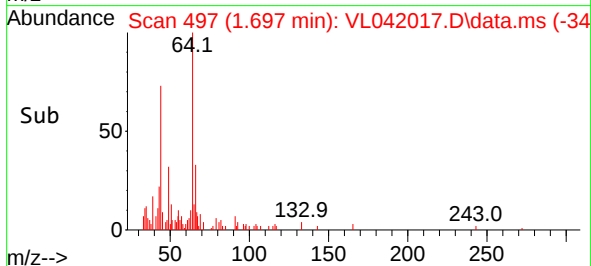
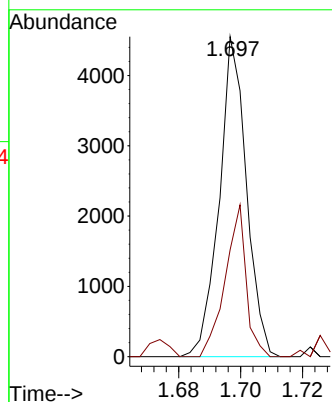
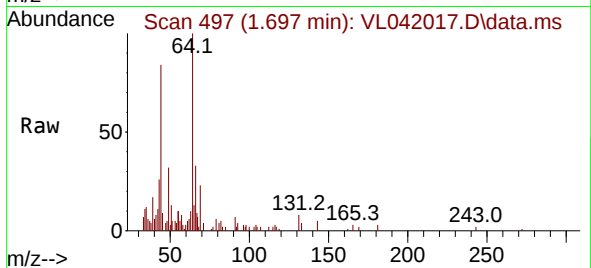




#7
Chloroethane
Concen: 1.155 ppbv
RT: 1.697 min Scan# 49
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

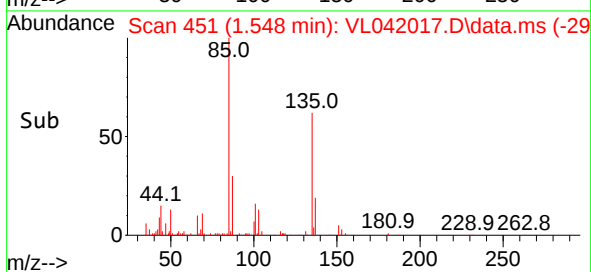
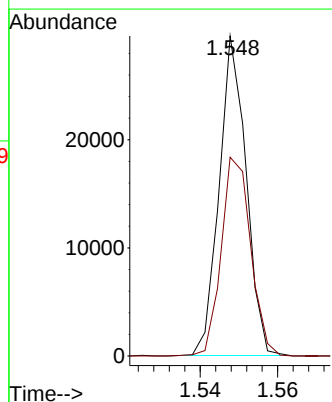
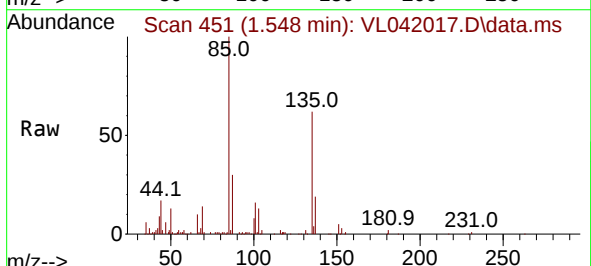
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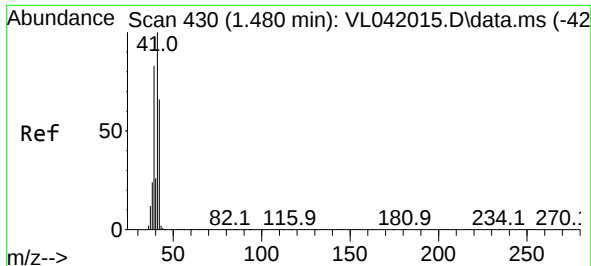
Tgt Ion: 64 Resp: 2776
Ion Ratio Lower Upper
64 100
66 42.0 26.5 39.7#



#8
Dichlorotetrafluoroethane
Concen: 1.022 ppbv
RT: 1.548 min Scan# 451
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 85 Resp: 14261
Ion Ratio Lower Upper
85 100
135 68.2 50.9 76.3

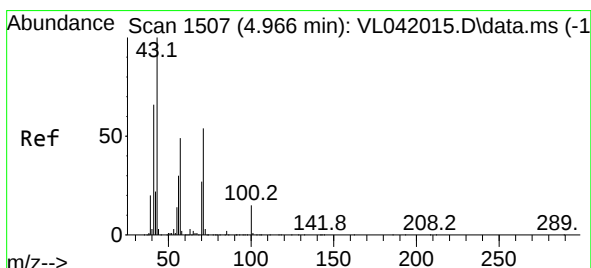
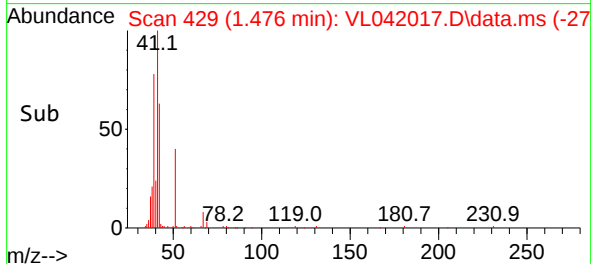
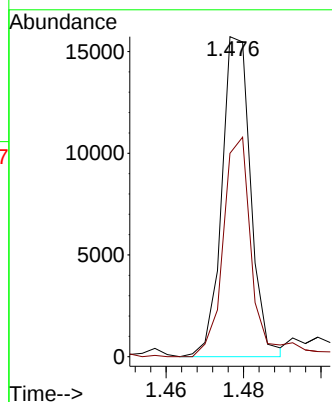
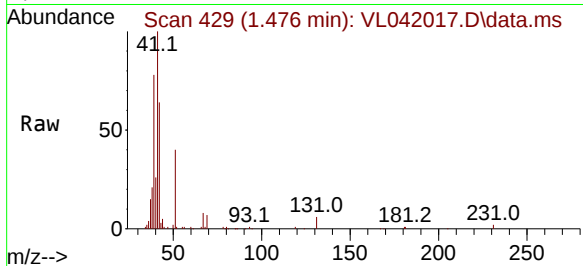




#9
 Propene
 Concen: 1.073 ppbv
 RT: 1.476 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

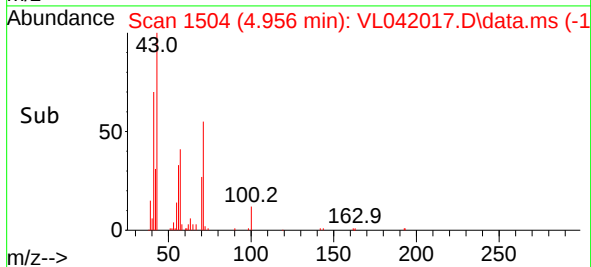
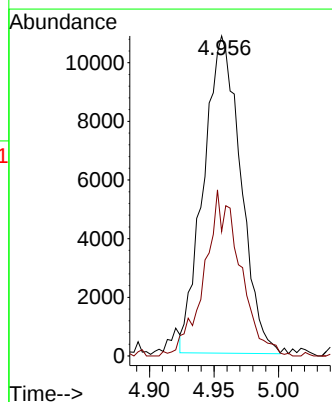
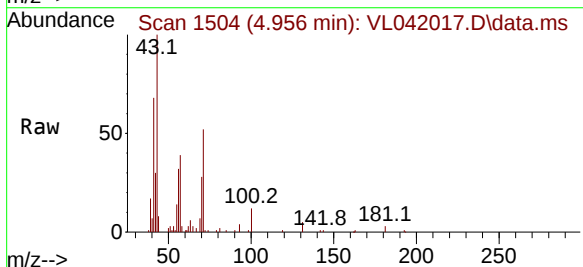
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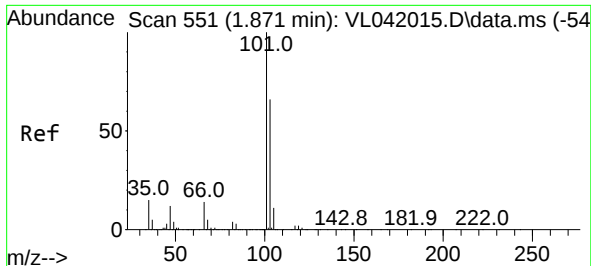
Tgt Ion: 41 Resp: 8138
 Ion Ratio Lower Upper
 41 100
 42 71.8 53.5 80.3



#10
 Heptane
 Concen: 1.039 ppbv
 RT: 4.956 min Scan# 1504
 Delta R.T. -0.010 min
 Lab File: VL042017.D
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Tgt Ion: 43 Resp: 21704
 Ion Ratio Lower Upper
 43 100
 57 50.1 41.0 61.6

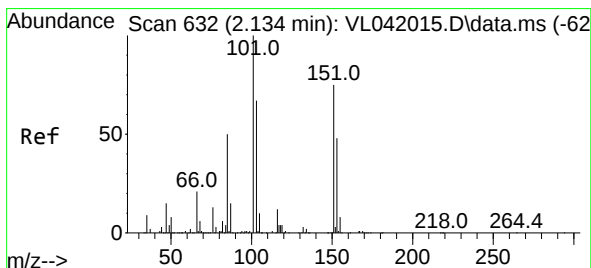
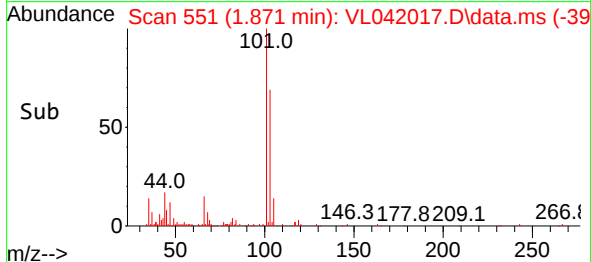
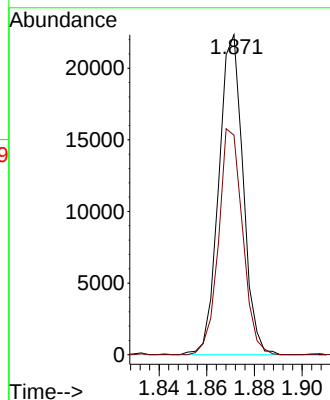
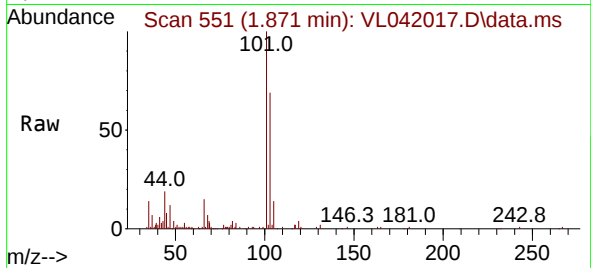




#11
 Trichlorofluoromethane
 Concen: 0.989 ppbv
 RT: 1.871 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

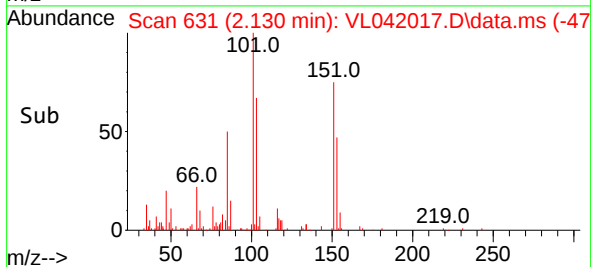
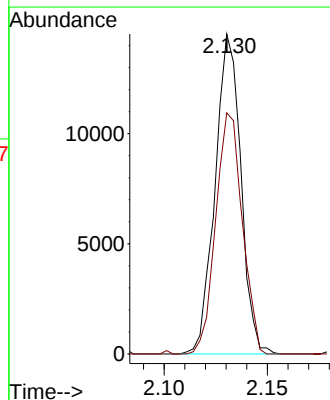
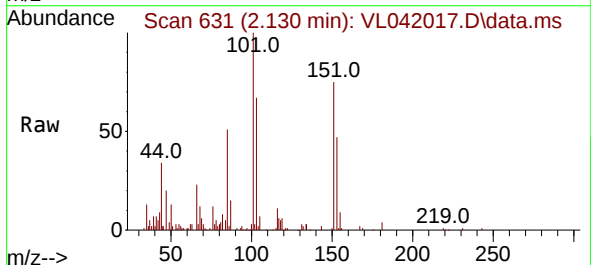
Instrument :
 MSVOA_L
 ClientSampleId :

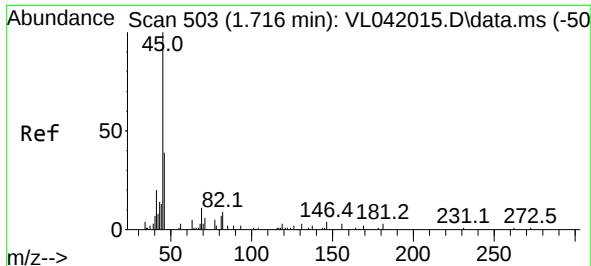
Tgt Ion:101 Resp: 15787
 Ion Ratio Lower Upper
 101 100
 103 68.6 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.012 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Tgt Ion:101 Resp: 12604
 Ion Ratio Lower Upper
 101 100
 151 78.1 58.2 87.2





#13

Ethanol

Concen: 1.314 ppbv

RT: 1.716 min Scan# 503

Delta R.T. -0.000 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

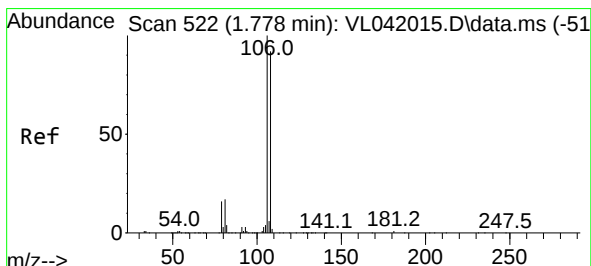
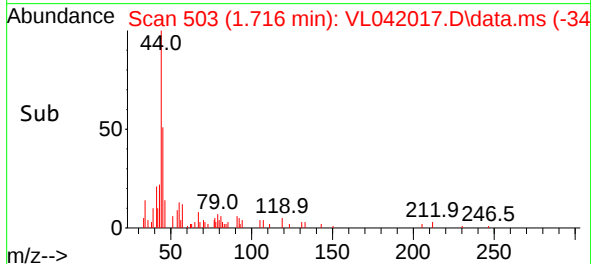
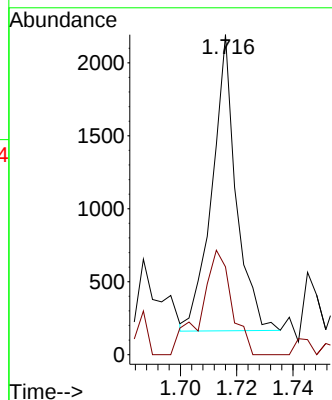
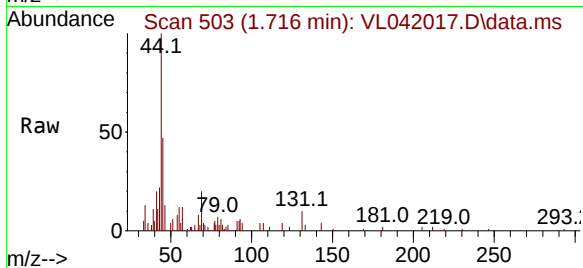
ClientSampleId :

Tgt Ion: 45 Resp: 1207

Ion Ratio Lower Upper

45 100

46 44.7 21.3 85.1



#14

Bromoethene

Concen: 1.080 ppbv

RT: 1.774 min Scan# 521

Delta R.T. -0.003 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

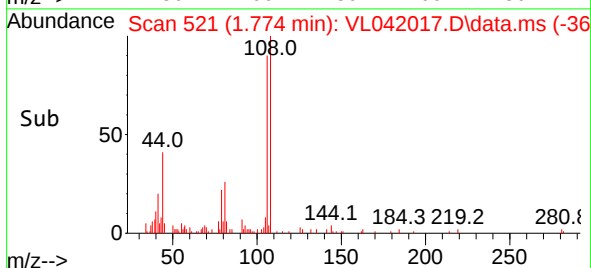
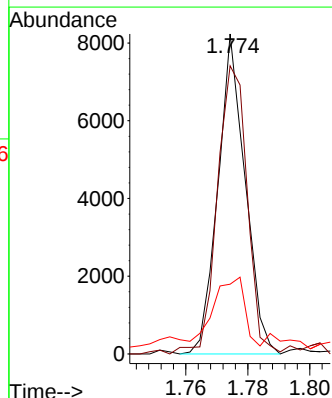
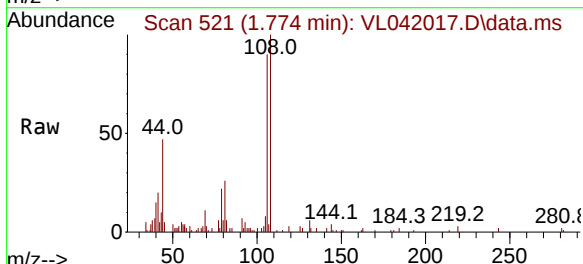
Tgt Ion: 108 Resp: 5024

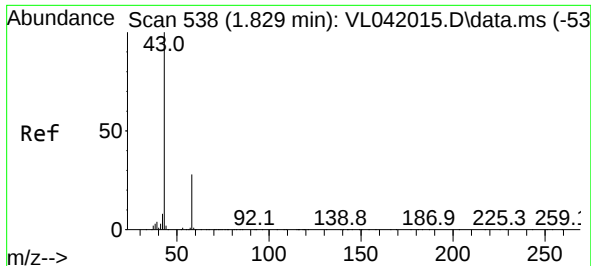
Ion Ratio Lower Upper

108 100

106 102.7 85.0 127.6

79 37.0 17.3 25.9#





#15

Acetone

Concen: 1.076 ppbv

RT: 1.829 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

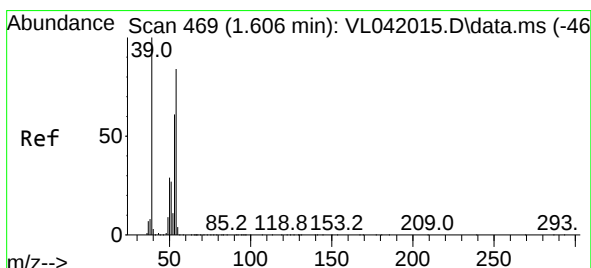
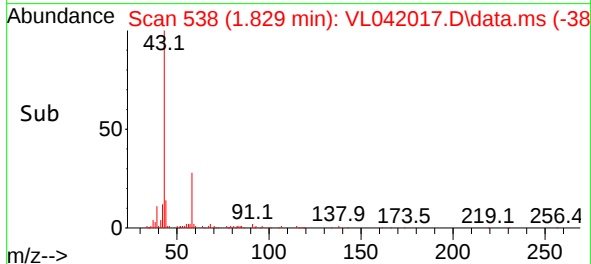
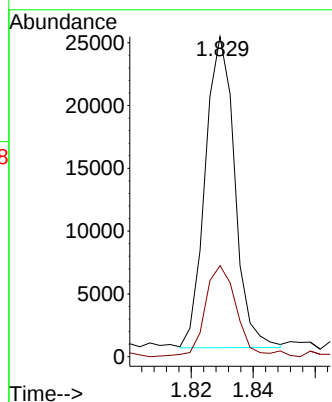
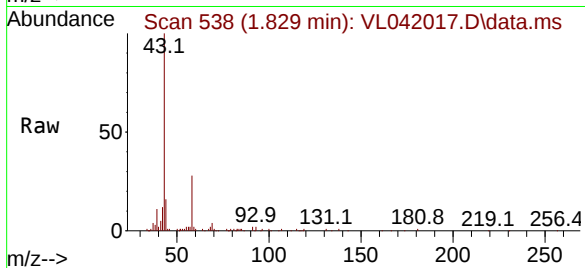
ClientSampleId :

Tgt Ion: 43 Resp: 16372

Ion Ratio Lower Upper

43 100

58 33.4 22.9 34.3



#16

1,3-Butadiene

Concen: 1.039 ppbv

RT: 1.603 min Scan# 468

Delta R.T. -0.003 min

Lab File: VL042017.D

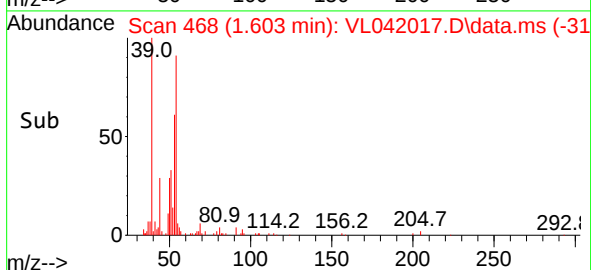
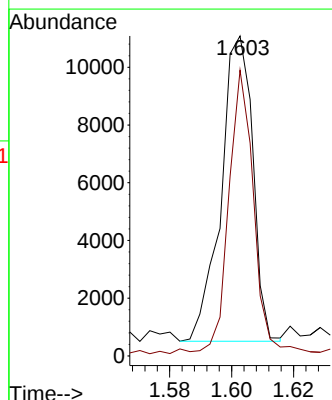
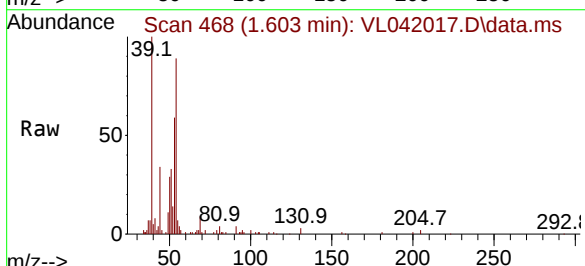
Acq: 14 Feb 2025 13:25

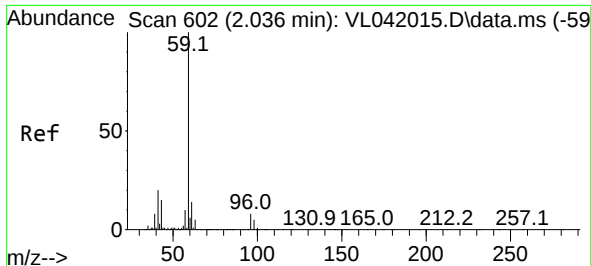
Tgt Ion: 39 Resp: 7502

Ion Ratio Lower Upper

39 100

54 79.8 59.4 89.2





#17

tert-Butyl alcohol

Concen: 1.054 ppbv

RT: 2.033 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

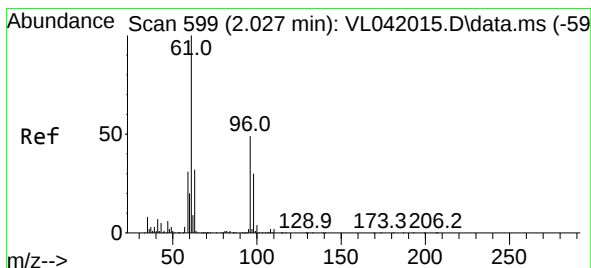
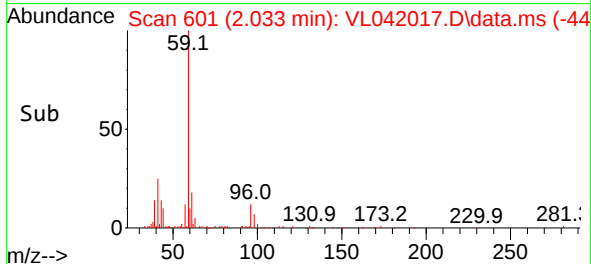
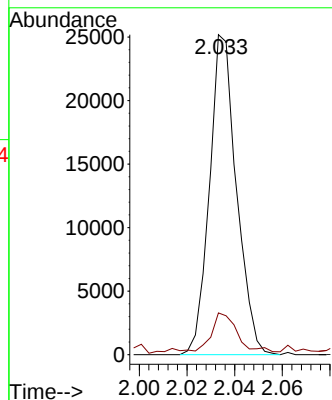
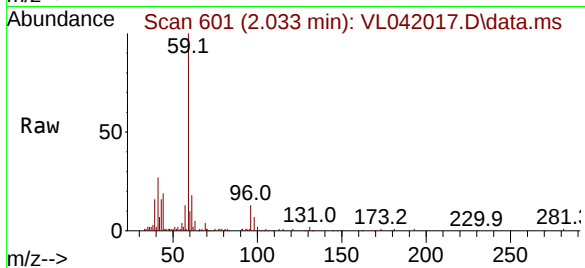
ClientSampleId :

Tgt Ion: 59 Resp: 19848

Ion Ratio Lower Upper

59 100

57 13.6 9.2 13.8



#18

1,1-Dichloroethene

Concen: 1.085 ppbv

RT: 2.023 min Scan# 598

Delta R.T. -0.003 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

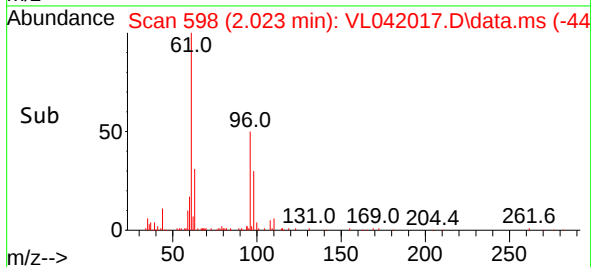
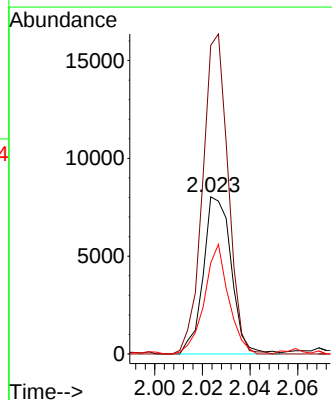
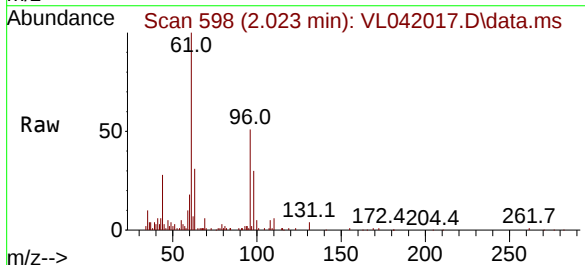
Tgt Ion: 96 Resp: 6569

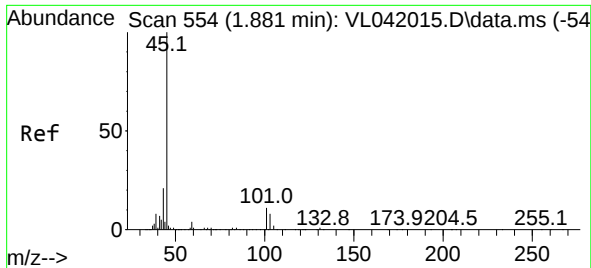
Ion Ratio Lower Upper

96 100

61 196.5 163.5 245.3

98 56.8 49.4 74.0

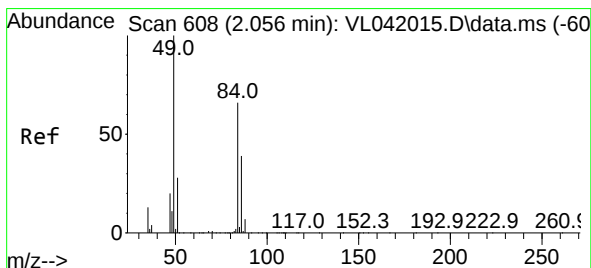
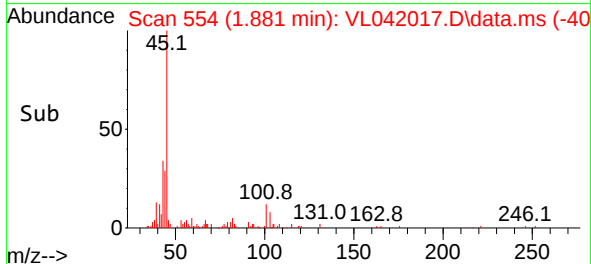
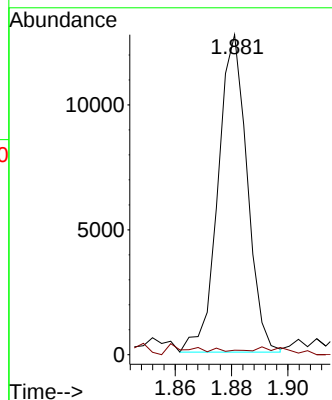
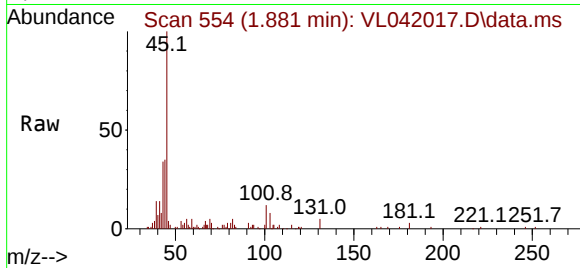




#19
Isopropyl Alcohol
Concen: 1.065 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

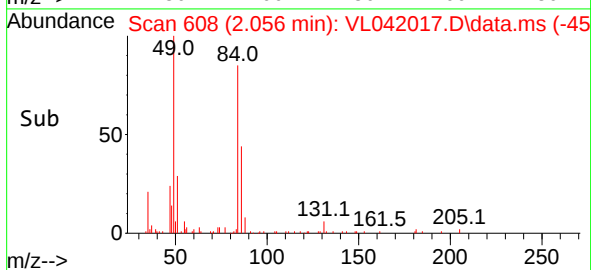
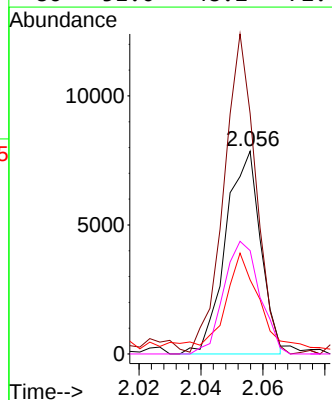
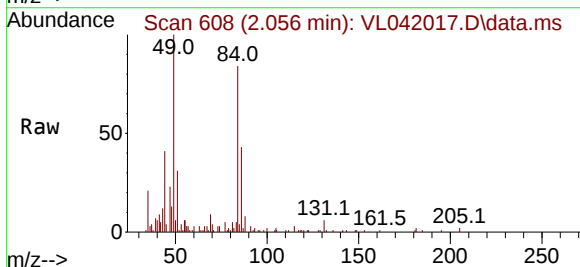
Instrument :
MSVOA_L
ClientSampleId :

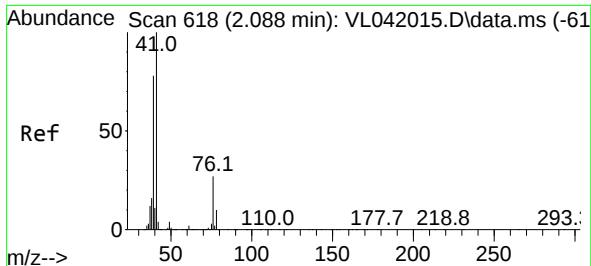
Tgt Ion: 45 Resp: 9139
Ion Ratio Lower Upper
45 100
58 7.0 36.2 54.4#



#20
Methylene Chloride
Concen: 1.079 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 84 Resp: 6180
Ion Ratio Lower Upper
84 100
49 116.2 121.0 181.4#
51 31.3 35.1 52.7#
86 51.0 48.2 72.4

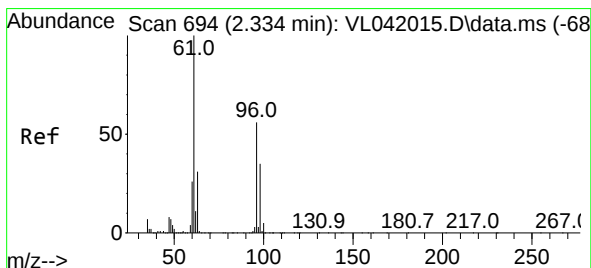
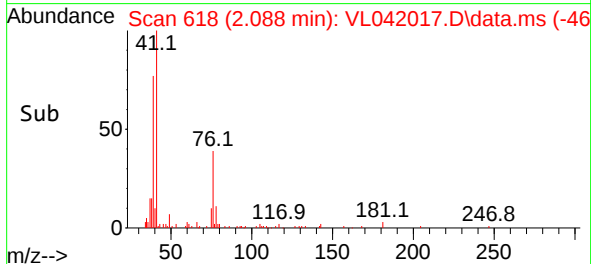
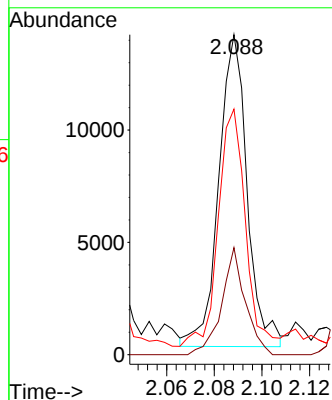
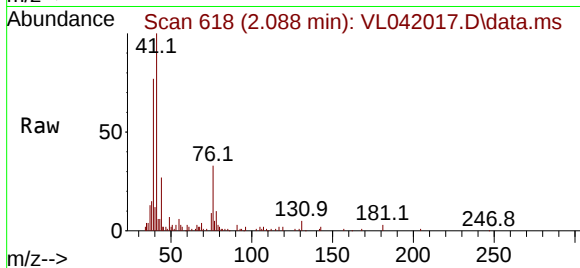




#21
 Allyl Chloride
 Concen: 1.048 ppbv
 RT: 2.088 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

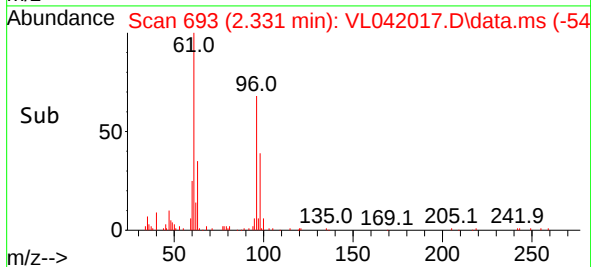
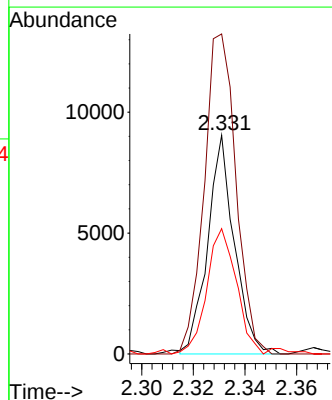
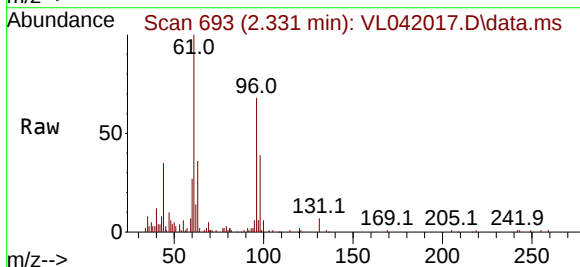
Instrument :
 MSVOA_L
 ClientSampleId :

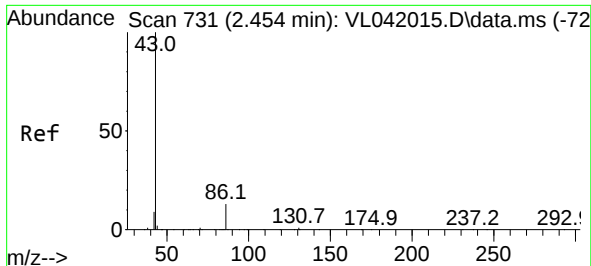
Tgt Ion: 41 Resp: 11473
 Ion Ratio Lower Upper
 41 100
 76 28.6 23.7 35.5
 39 81.5 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 1.006 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Tgt Ion: 96 Resp: 6499
 Ion Ratio Lower Upper
 96 100
 61 146.3 142.3 213.5
 98 56.3 50.2 75.2

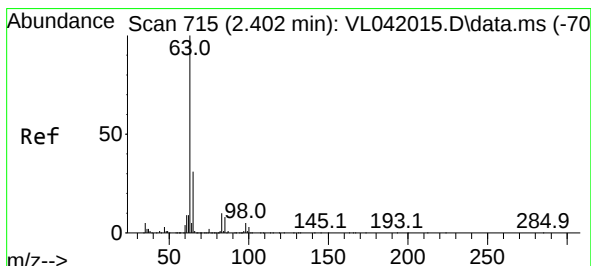
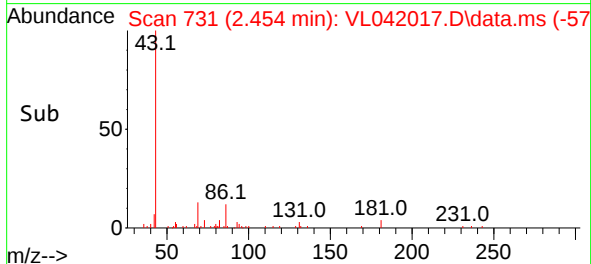
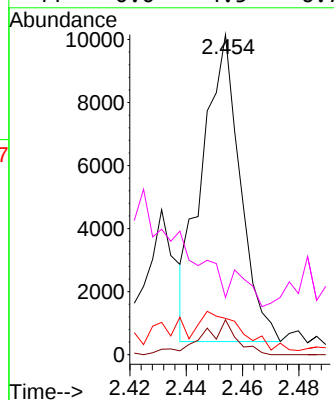
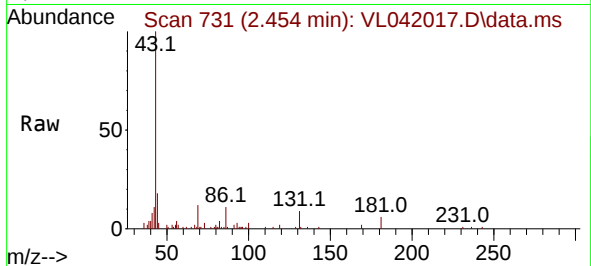




#23
Vinyl Acetate
Concen: 1.110 ppbv
RT: 2.454 min Scan# 714
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

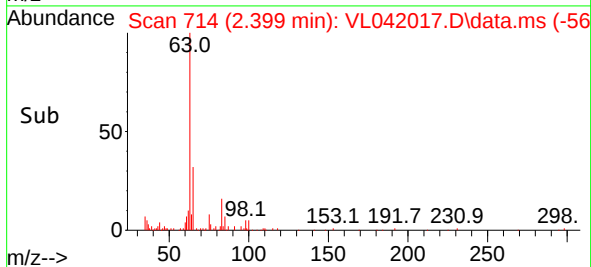
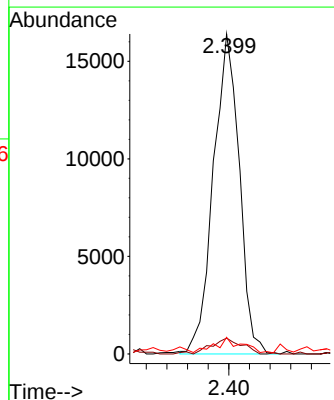
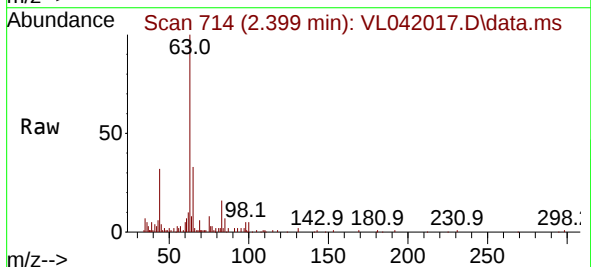
Instrument :
MSVOA_L
ClientSampleId :

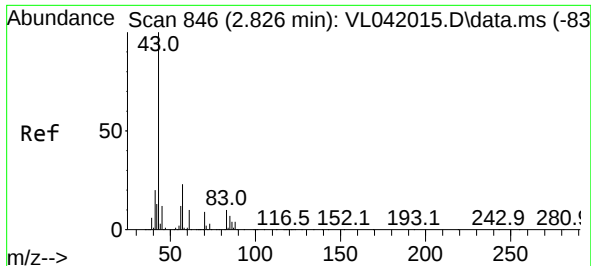
Tgt Ion: 43	Resp: 9143
Ion Ratio	Lower Upper
43 100	
86 11.4	8.1 12.1
42 8.1	7.5 11.3
44 0.0	4.5 6.7



#24
1,1-Dichloroethane
Concen: 1.090 ppbv
RT: 2.399 min Scan# 714
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

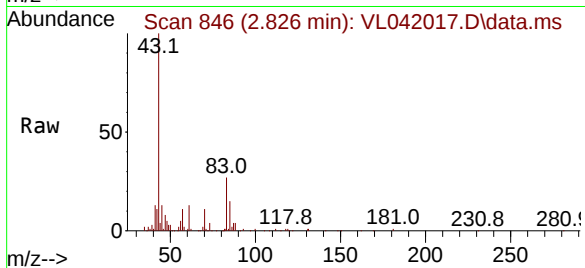
Tgt Ion: 63	Resp: 14290
Ion Ratio	Lower Upper
63 100	
98 5.5	2.4 7.2
100 3.0	1.6 4.8



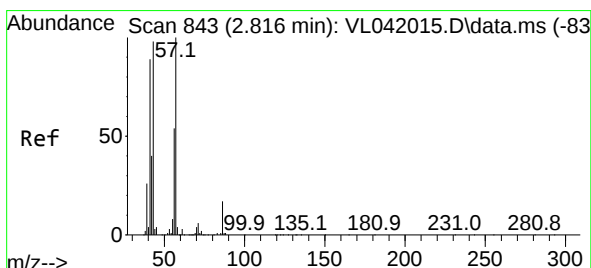
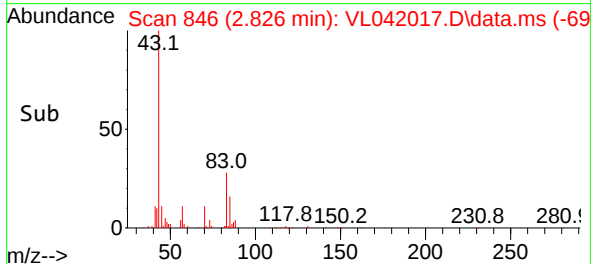
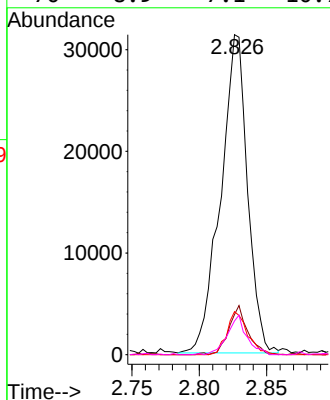


#25
Ethyl Acetate
Concen: 1.040 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Instrument :
MSVOA_L
ClientSampleId :

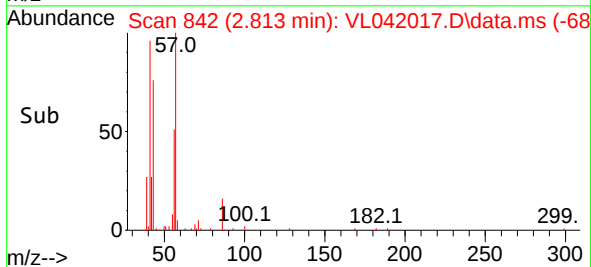
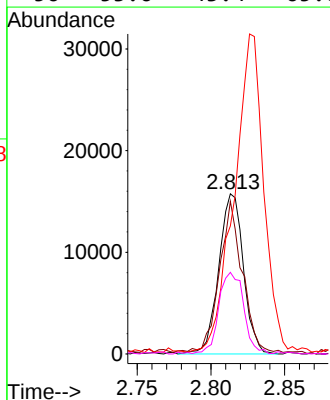
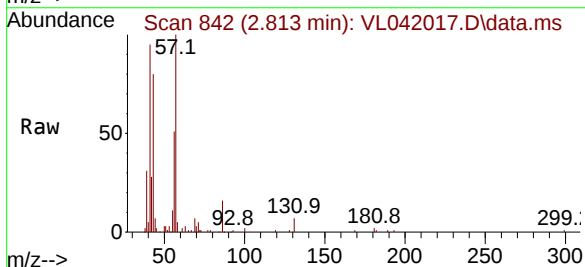


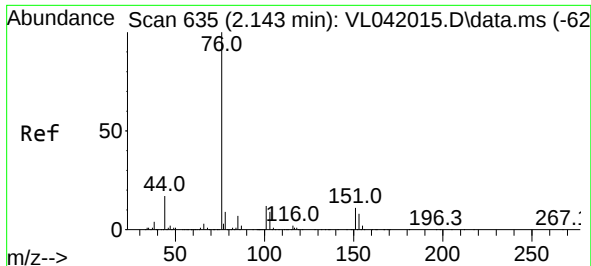
Tgt Ion: 43	Resp: 43444
Ion Ratio	Lower Upper
43 100	
45 11.0	8.1 12.1
61 10.4	7.5 11.3
70 8.9	7.1 10.7



#26
Hexane
Concen: 1.091 ppbv
RT: 2.813 min Scan# 842
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 57	Resp: 18285
Ion Ratio	Lower Upper
57 100	
41 90.4	73.2 109.8
43 238.9	200.8 301.2
56 53.6	43.4 65.0

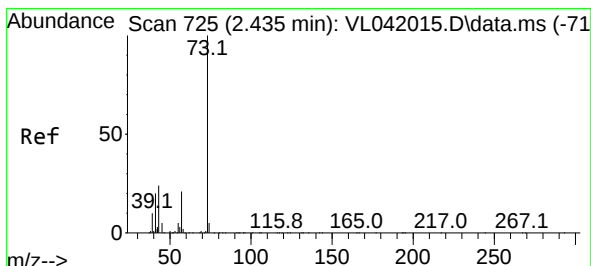
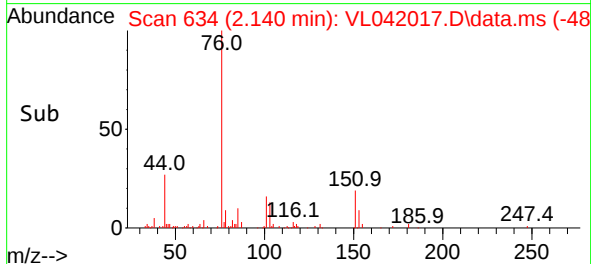
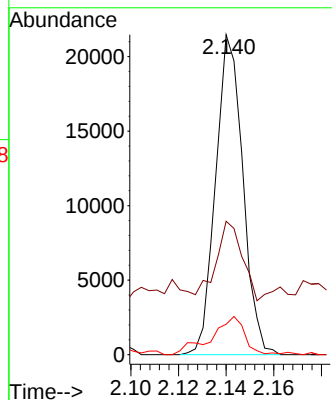
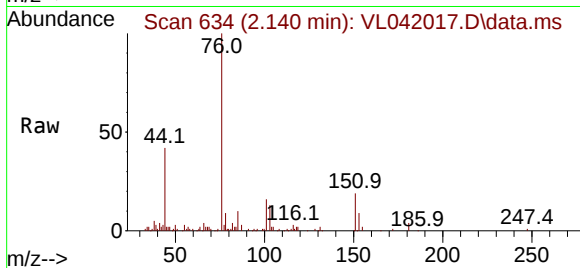




#27
Carbon Disulfide
Concen: 1.080 ppbv
RT: 2.140 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

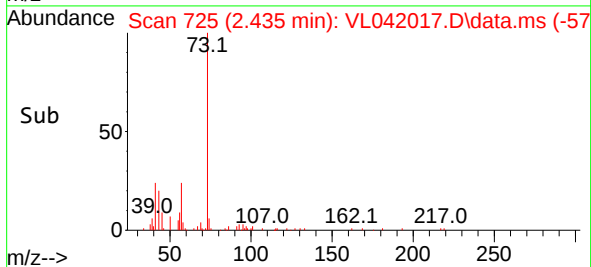
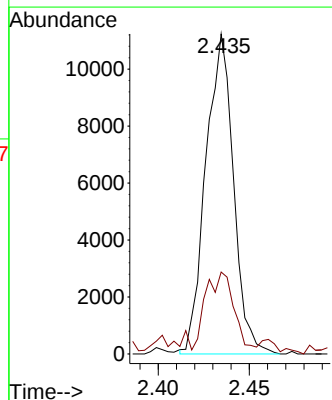
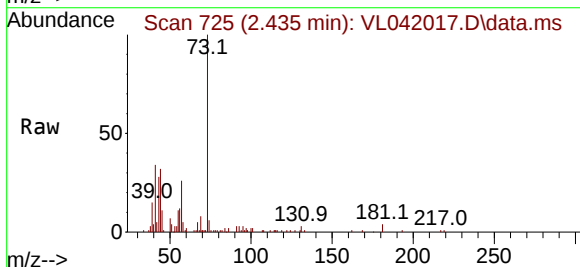
Instrument :
MSVOA_L
ClientSampleId :

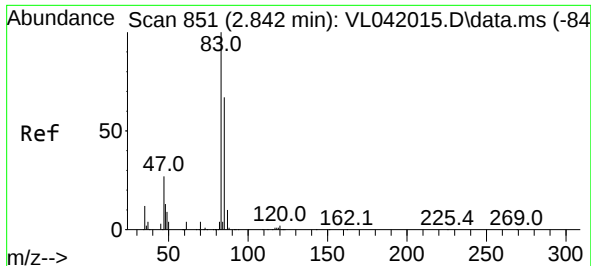
Tgt Ion: 76 Resp: 17017
Ion Ratio Lower Upper
76 100
44 61.4 18.1 27.1#
78 15.1 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 1.158 ppbv
RT: 2.435 min Scan# 725
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 73 Resp: 11866
Ion Ratio Lower Upper
73 100
57 32.0 18.3 27.5#





#29

Chloroform

Concen: 1.043 ppbv

RT: 2.836 min Scan# 84

Delta R.T. -0.006 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

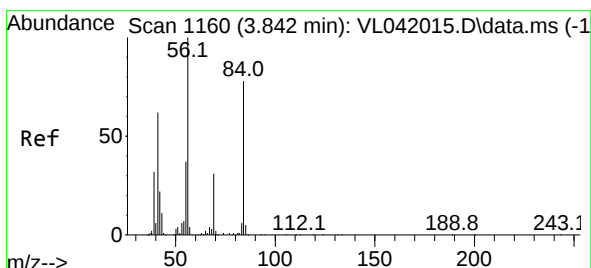
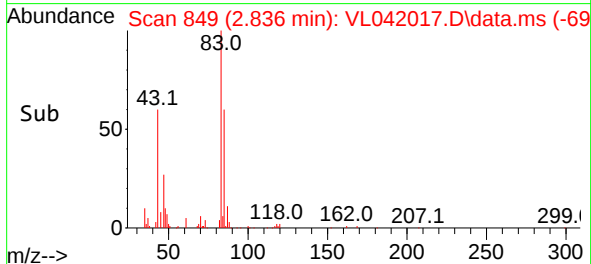
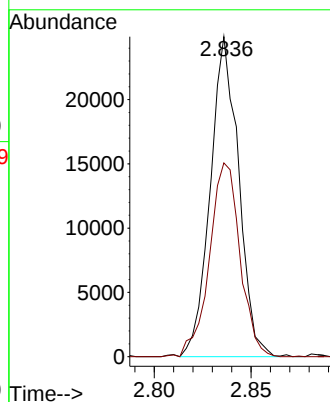
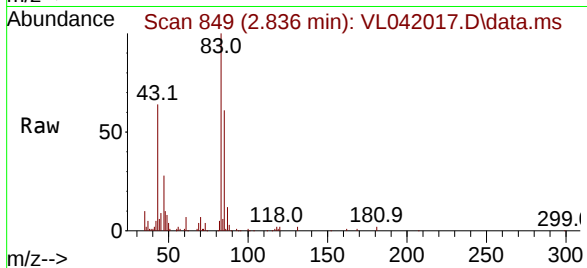
ClientSampleId :

Tgt Ion: 83 Resp: 25310

Ion Ratio Lower Upper

83 100

85 60.7 53.8 80.6



#30

Cyclohexane

Concen: 1.038 ppbv

RT: 3.836 min Scan# 1158

Delta R.T. -0.006 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

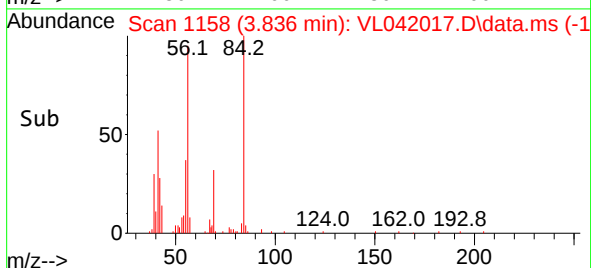
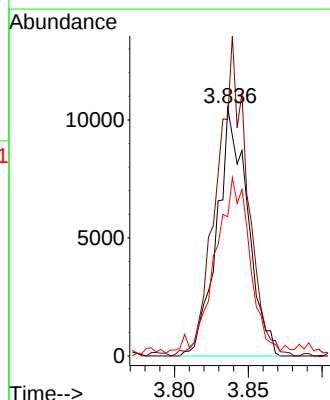
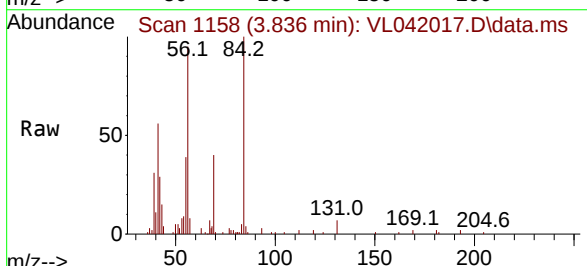
Tgt Ion: 84 Resp: 15240

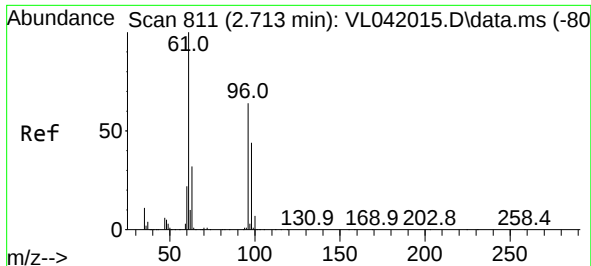
Ion Ratio Lower Upper

84 100

56 128.2 99.5 149.3

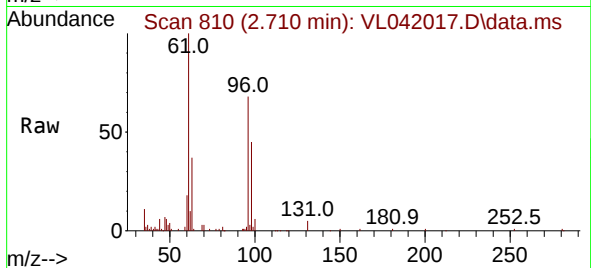
41 80.4 62.2 93.2



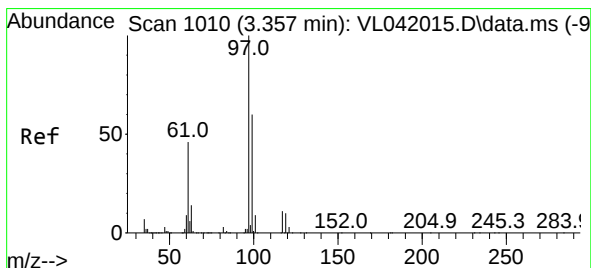
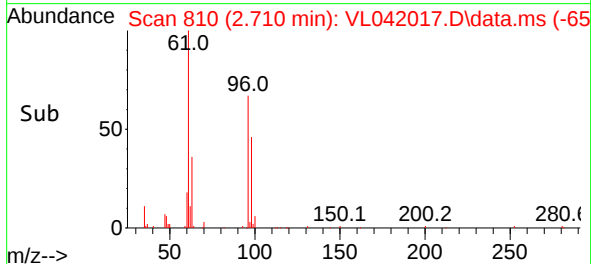
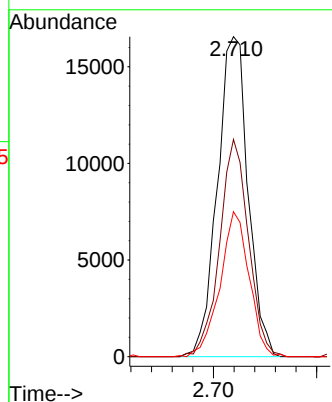


#31
 cis-1,2-Dichloroethene
 Concen: 1.032 ppbv
 RT: 2.710 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Instrument :
 MSVOA_L
 ClientSampleId :

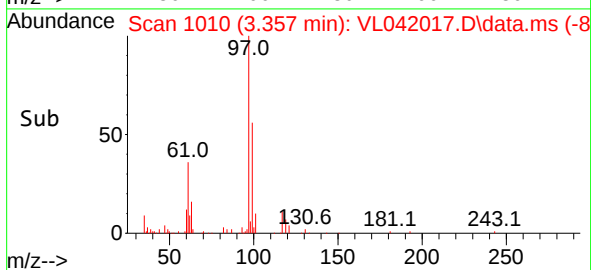
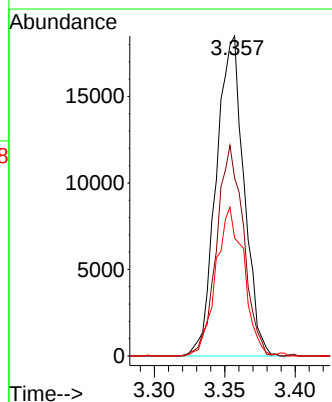
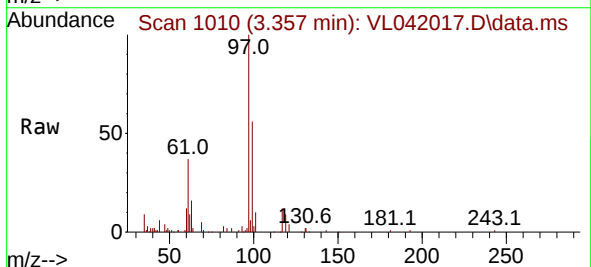


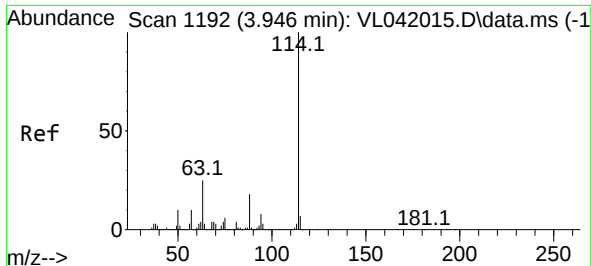
Tgt Ion: 61 Resp: 17097
 Ion Ratio Lower Upper
 61 100
 96 67.9 51.6 77.4
 98 44.9 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 0.945 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. -0.000 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Tgt Ion: 97 Resp: 25430
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 47.0 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.940 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

ClientSampleId :

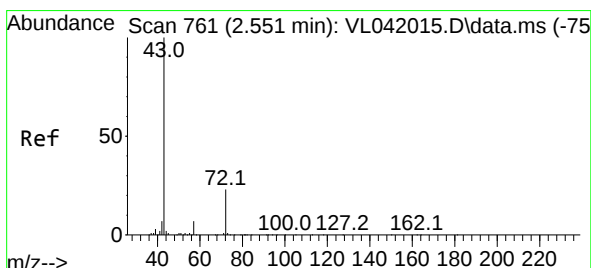
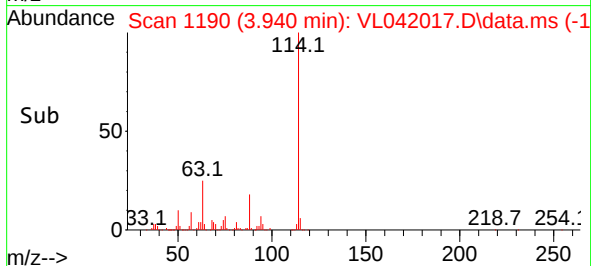
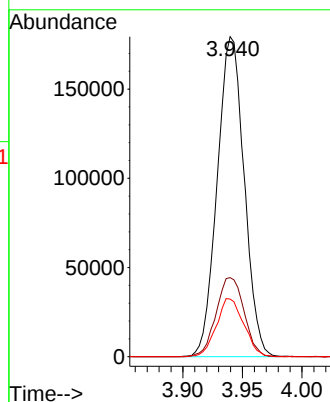
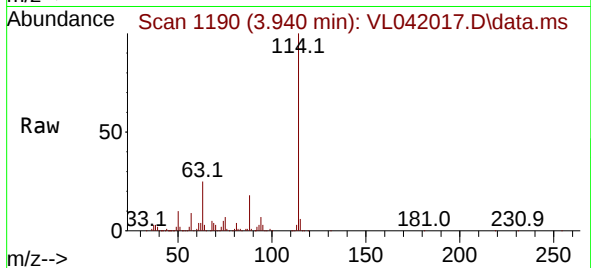
Tgt Ion:114 Resp: 282067

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

88 18.4 14.4 21.6



#34

2-Butanone

Concen: 1.054 ppbv

RT: 2.551 min Scan# 761

Delta R.T. -0.000 min

Lab File: VL042017.D

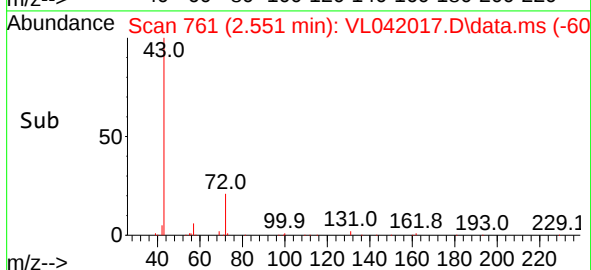
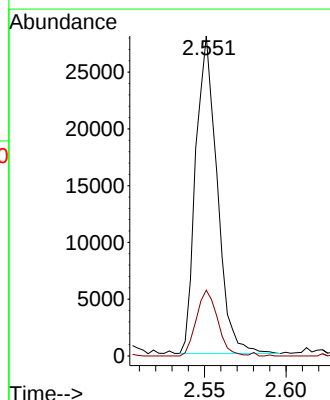
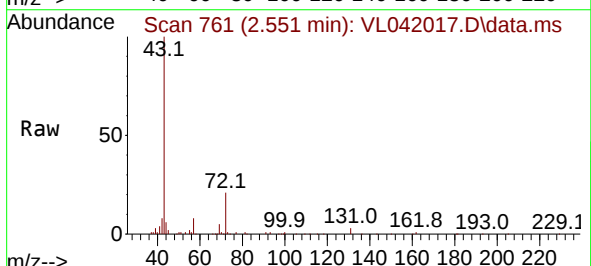
Acq: 14 Feb 2025 13:25

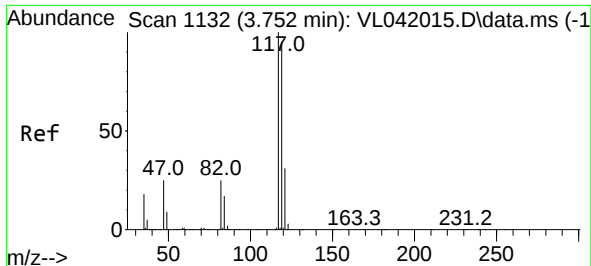
Tgt Ion: 43 Resp: 25581

Ion Ratio Lower Upper

43 100

72 20.8 18.3 27.5

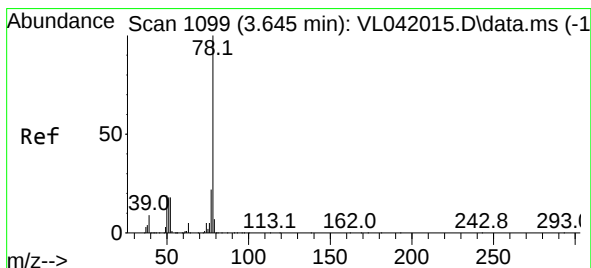
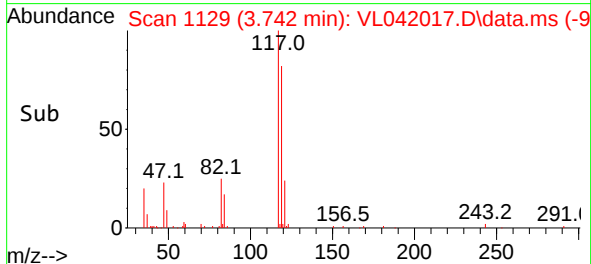
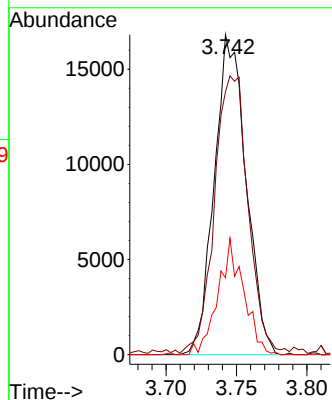
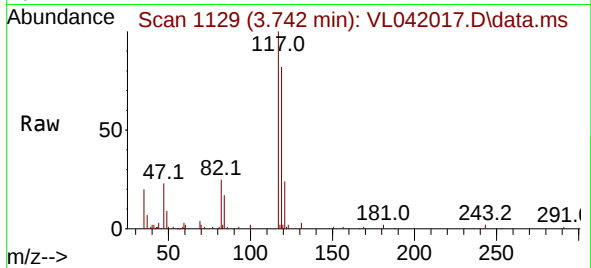




#35
Carbon Tetrachloride
Concen: 0.984 ppbv
RT: 3.742 min Scan# 1132
Delta R.T. -0.010 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

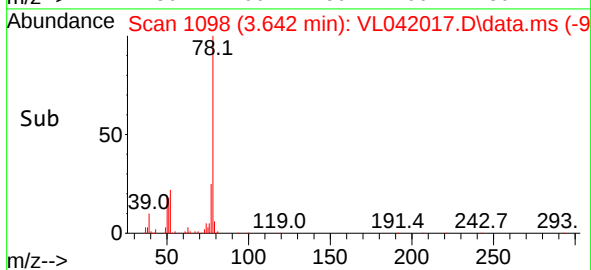
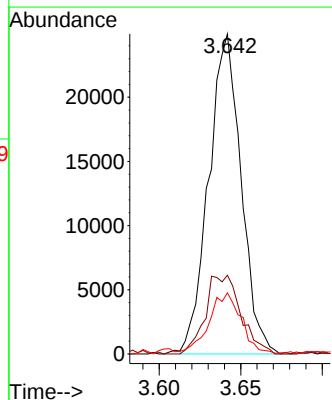
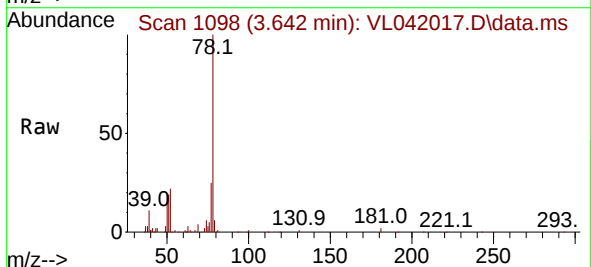
Instrument :
MSVOA_L
ClientSampleId :

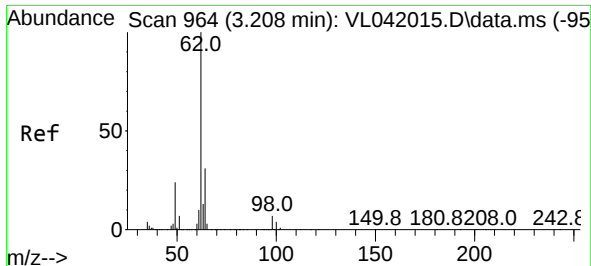
Tgt Ion:117 Resp: 26435
Ion Ratio Lower Upper
117 100
119 83.3 75.8 113.6
121 24.0 24.6 36.8#



#36
Benzene
Concen: 1.006 ppbv
RT: 3.642 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 78 Resp: 34379
Ion Ratio Lower Upper
78 100
77 24.6 18.0 27.0
50 18.7 15.2 22.8





#37

1,2-Dichloroethane

Concen: 1.073 ppbv

RT: 3.205 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

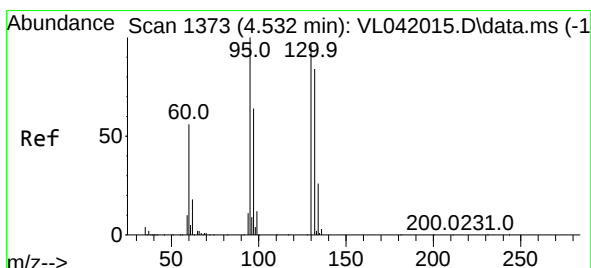
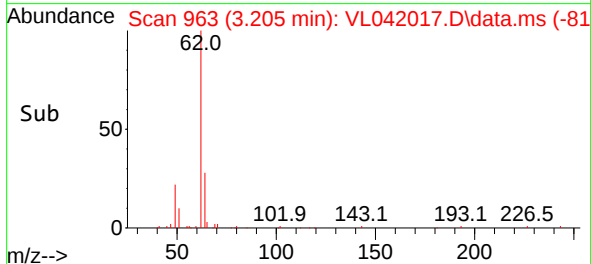
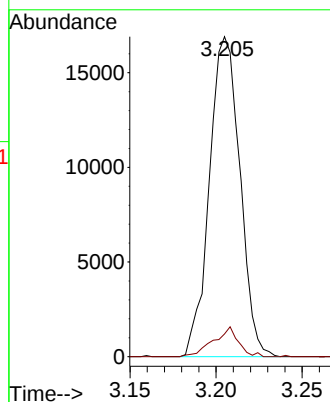
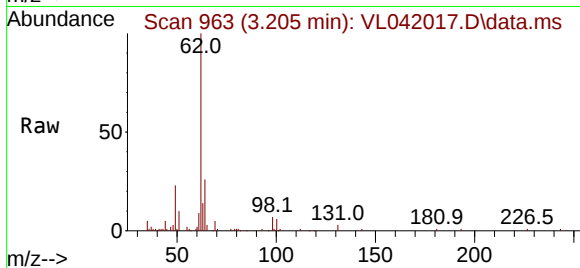
ClientSampleId :

Tgt Ion: 62 Resp: 20867

Ion Ratio Lower Upper

62 100

98 7.6 5.7 8.5



#38

Trichloroethene

Concen: 1.013 ppbv

RT: 4.529 min Scan# 1372

Delta R.T. -0.003 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Tgt Ion:130 Resp: 14210

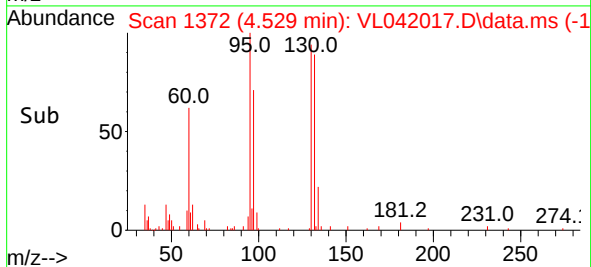
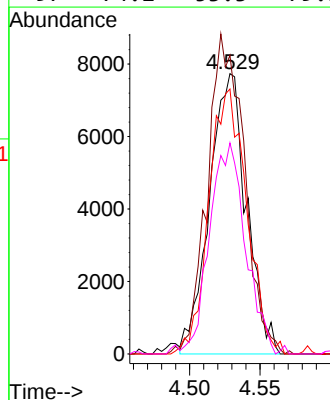
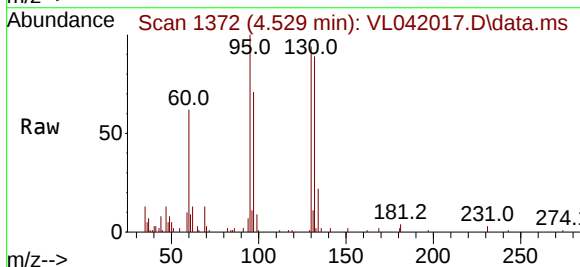
Ion Ratio Lower Upper

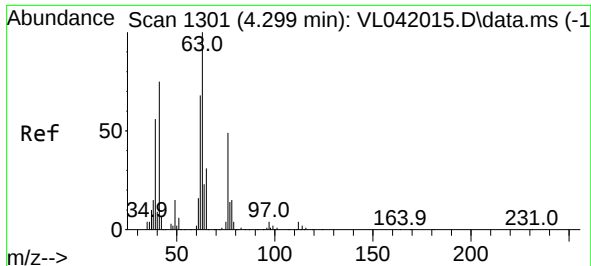
130 100

95 105.0 82.8 124.2

132 92.1 70.0 105.0

97 74.2 53.3 79.9





#39

1,2-Dichloropropane

Concen: 1.040 ppbv

RT: 4.299 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

ClientSampleId :

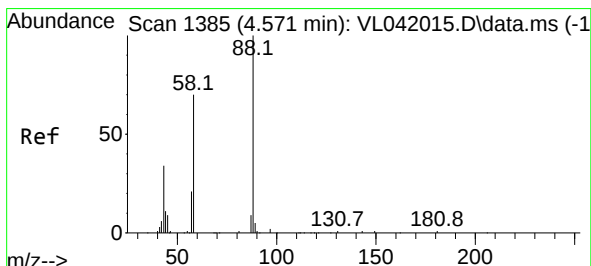
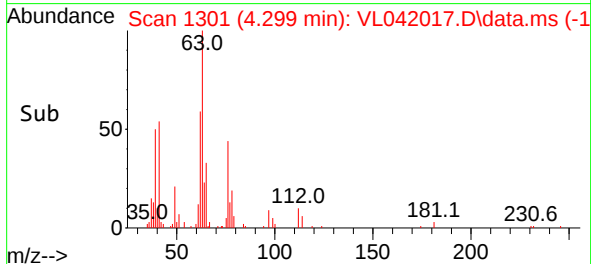
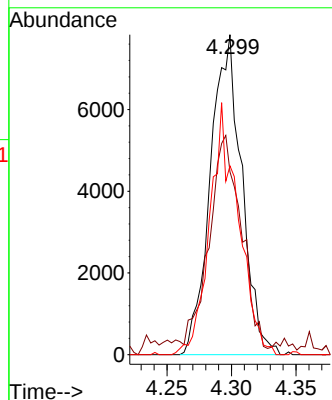
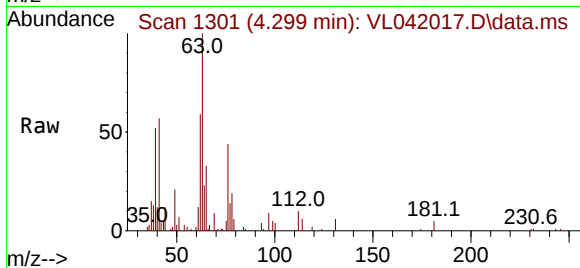
Tgt Ion: 63 Resp: 13187

Ion Ratio Lower Upper

63 100

41 54.5 60.1 90.1#

62 59.0 54.0 81.0



#40

1,4-Dioxane

Concen: 0.392 ppbv

RT: 4.584 min Scan# 1389

Delta R.T. 0.013 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Tgt Ion: 88 Resp: 2538

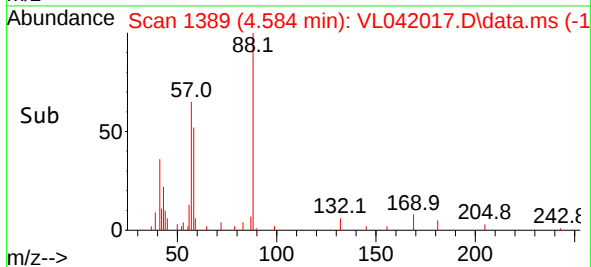
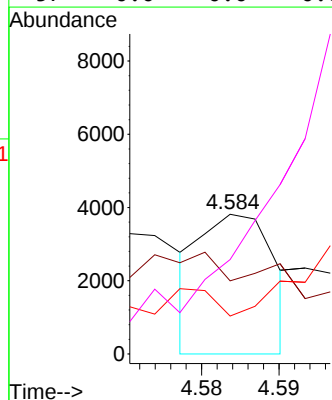
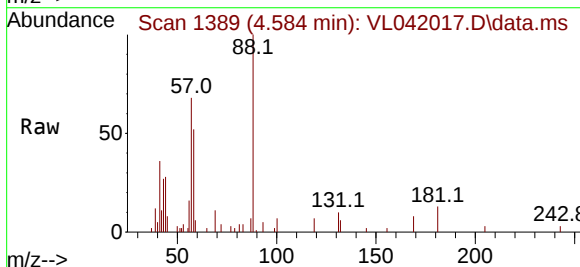
Ion Ratio Lower Upper

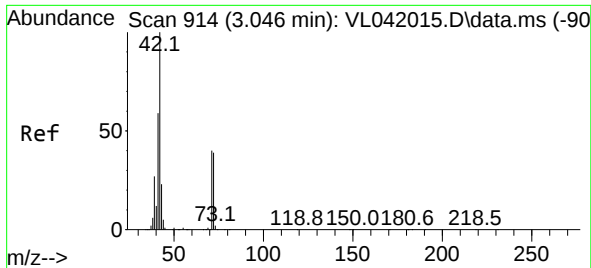
88 100

58 303.7 58.1 87.1#

43 0.0 27.3 40.9#

57 0.0 0.0 0.0

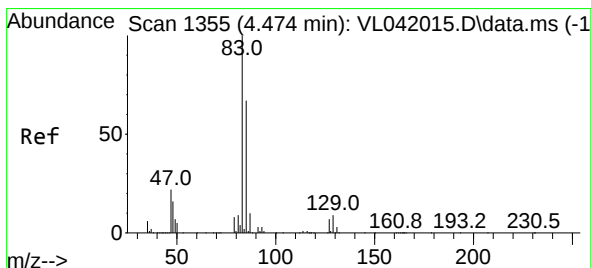
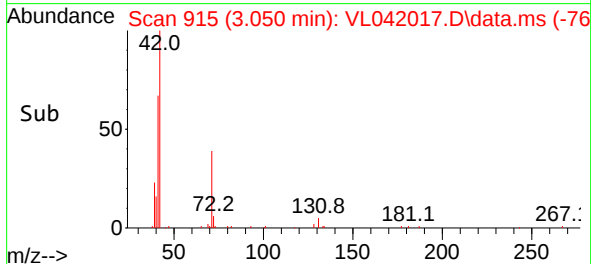
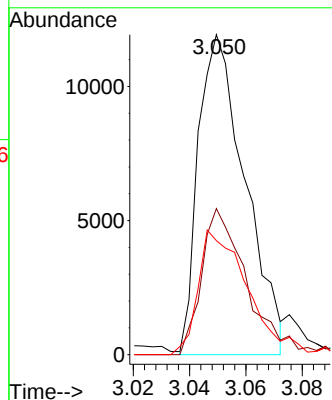
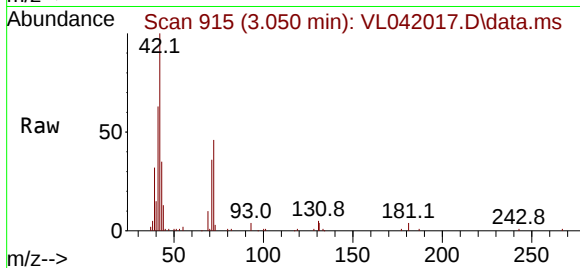




#41
Tetrahydrofuran
Concen: 0.971 ppbv
RT: 3.050 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

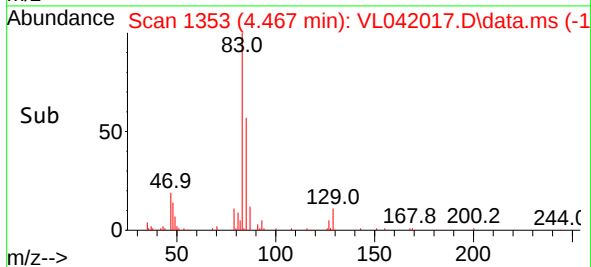
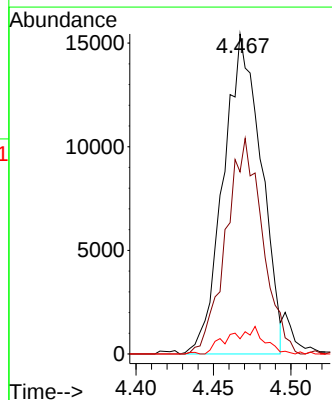
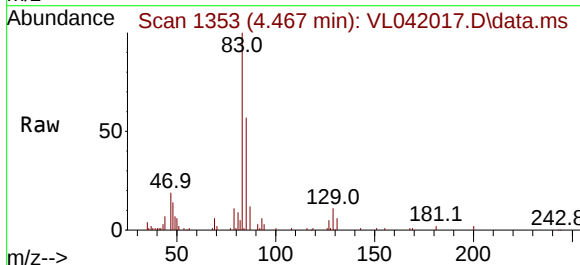
Instrument :
MSVOA_L
ClientSampleId :

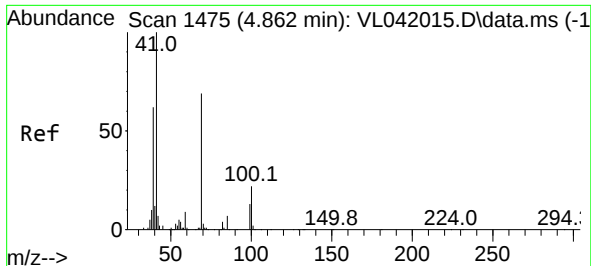
Tgt Ion:	42	Resp:	13754
Ion	Ratio	Lower	Upper
42	100		
72	44.6	32.3	48.5
71	41.4	30.9	46.3



#42
Bromodichloromethane
Concen: 0.995 ppbv
RT: 4.467 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:	83	Resp:	26223
Ion	Ratio	Lower	Upper
83	100		
85	56.9	53.3	79.9
127	4.7	6.0	9.0

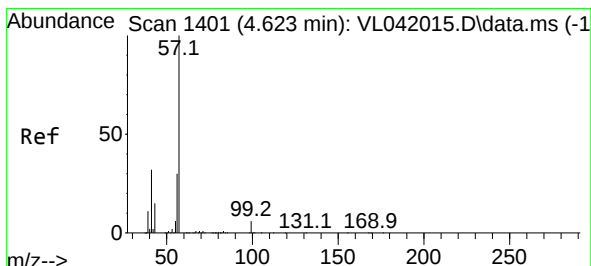
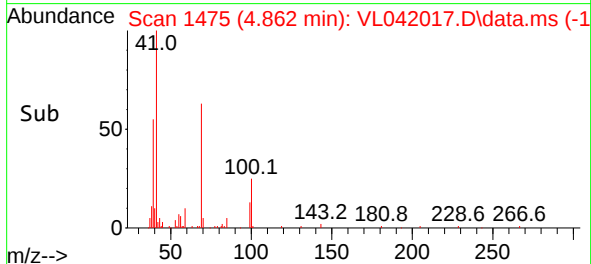
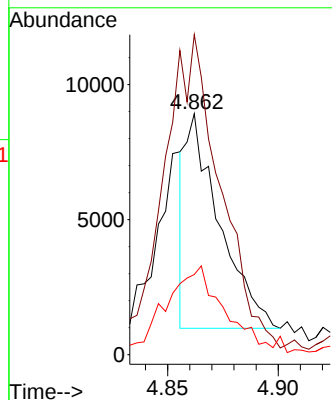
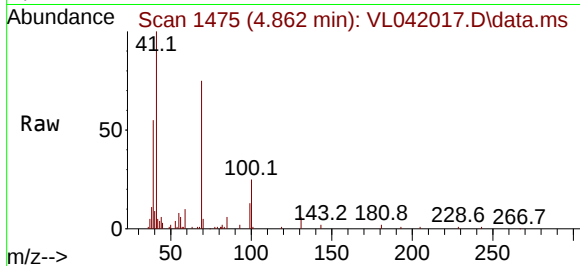




#43
Methyl Methacrylate
Concen: 0.552 ppbv
RT: 4.862 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

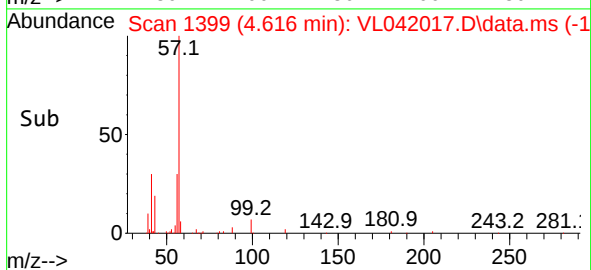
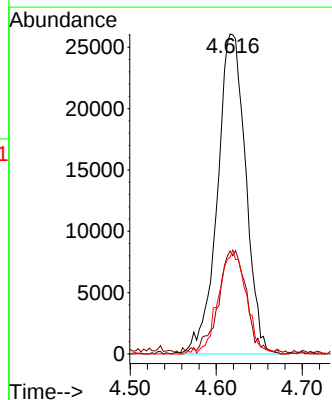
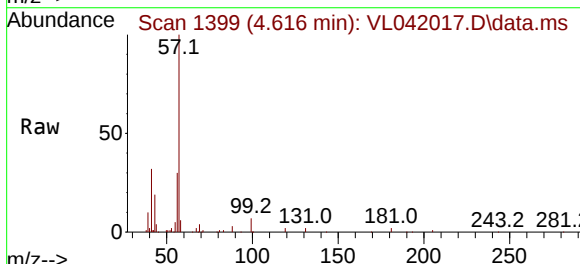
Instrument :
MSVOA_L
ClientSampleId :

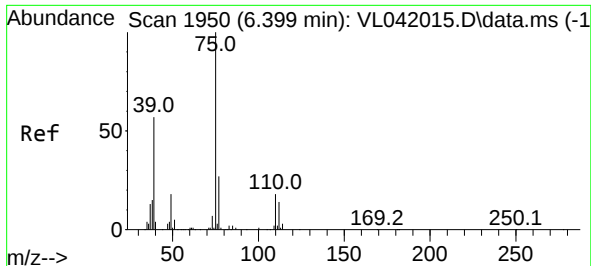
Tgt Ion: 69 Resp: 8482
Ion Ratio Lower Upper
69 100
41 261.9 114.9 172.3#
100 78.5 28.8 43.2#



#44
2,2,4-Trimethylpentane
Concen: 1.026 ppbv
RT: 4.616 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 57 Resp: 59532
Ion Ratio Lower Upper
57 100
41 32.0 25.9 38.9
56 32.1 24.9 37.3

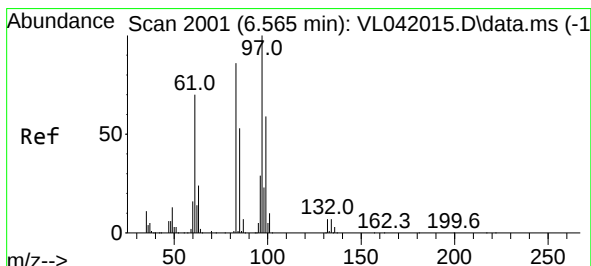
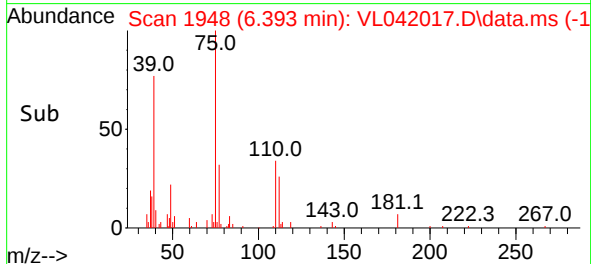
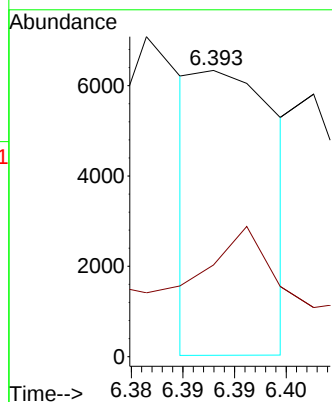
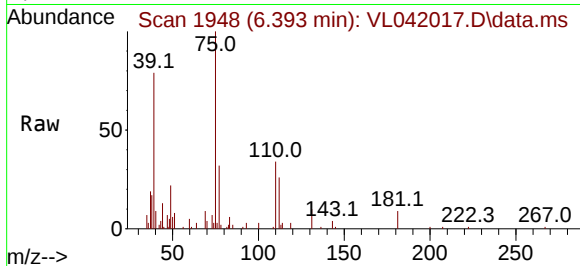




#45
 t-1,3-Dichloropropene
 Concen: 0.232 ppbv
 RT: 6.393 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

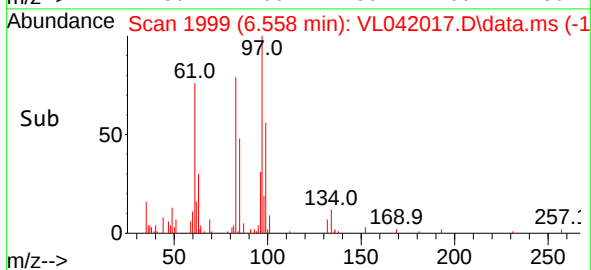
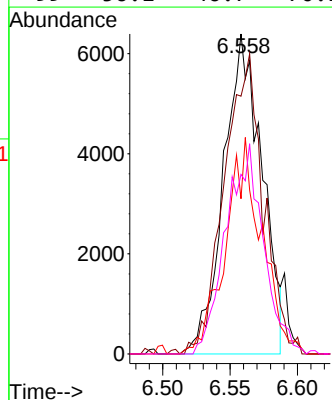
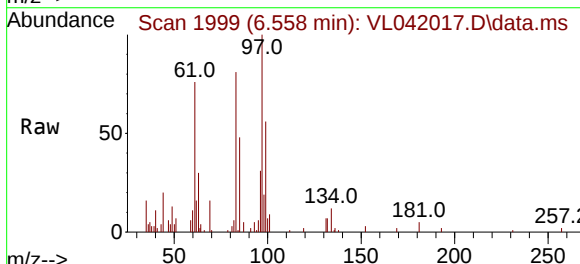
Instrument :
 MSVOA_L
 ClientSampleId :

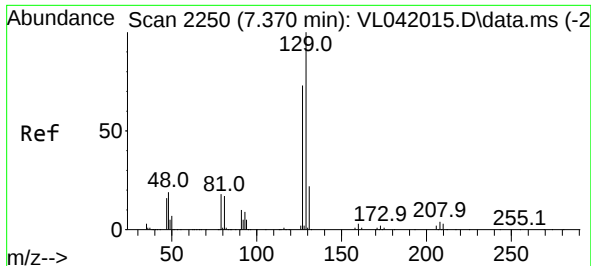
Tgt Ion: 75 Resp: 3419
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.1 33.1



#47
 1,1,2-Trichloroethane
 Concen: 0.959 ppbv
 RT: 6.558 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Tgt Ion: 97 Resp: 12639
 Ion Ratio Lower Upper
 97 100
 83 80.6 68.6 102.8
 85 48.5 42.2 63.4
 99 56.1 46.7 70.1

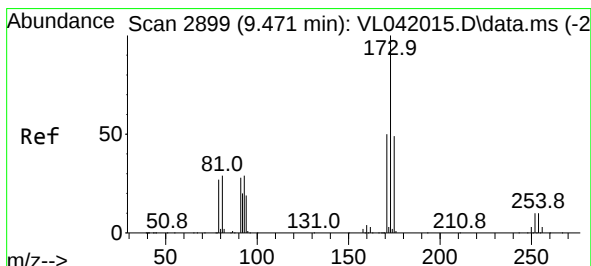
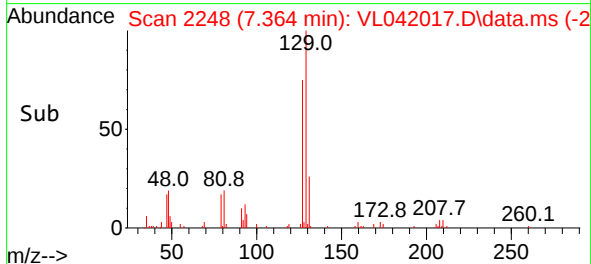
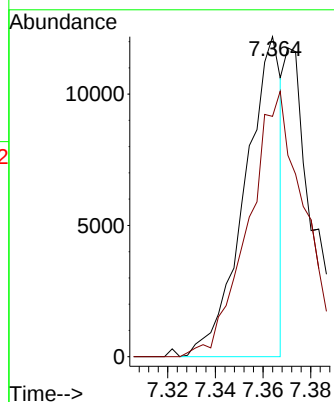
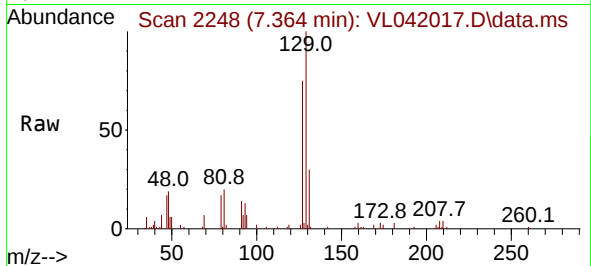




#48
Dibromochloromethane
Concen: 0.589 ppbv
RT: 7.364 min Scan# 211
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

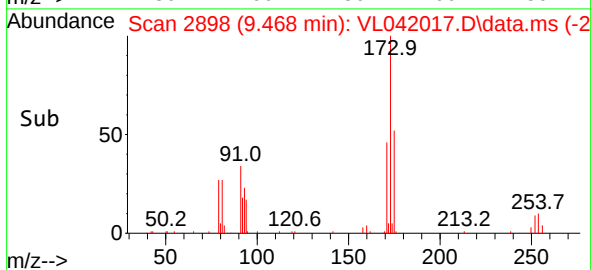
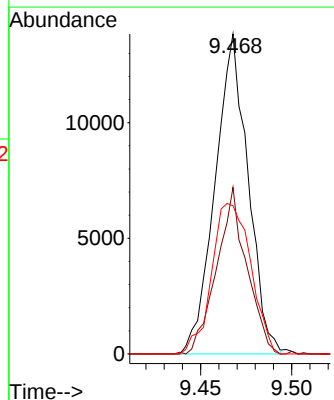
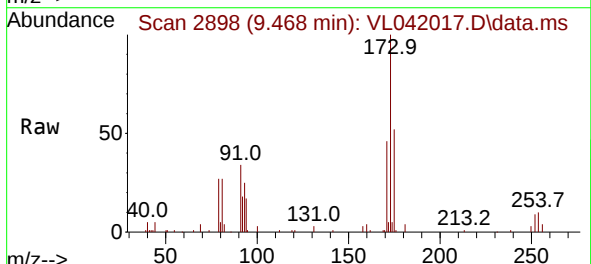
Instrument :
MSVOA_L
ClientSampleId :

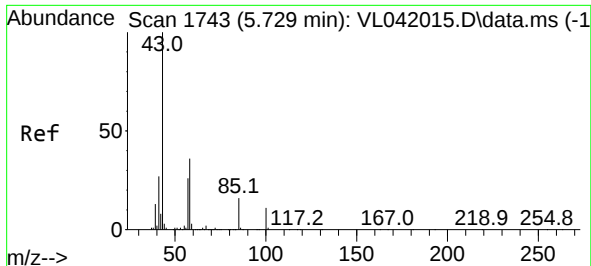
Tgt Ion:129 Resp: 12892
Ion Ratio Lower Upper
129 100
127 128.4 38.2 114.6#



#49
Bromoform
Concen: 0.960 ppbv
RT: 9.468 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:173 Resp: 17395
Ion Ratio Lower Upper
173 100
175 47.5 39.3 58.9
171 55.6 41.4 62.2

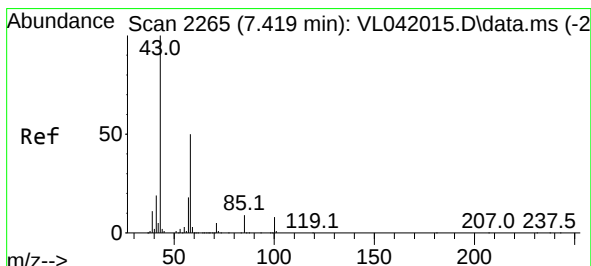
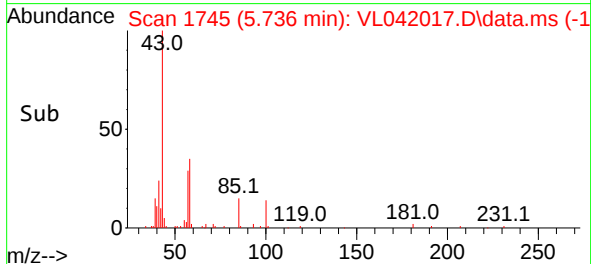
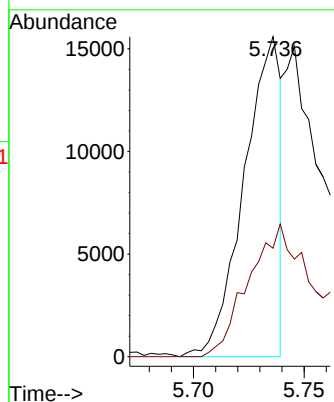
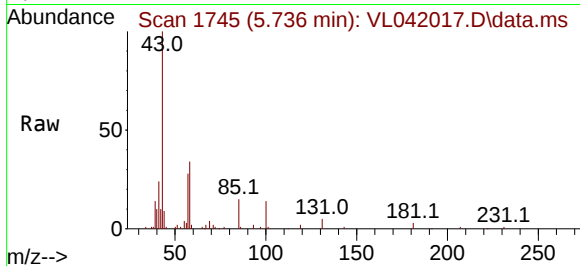




#50
4-Methyl-2-Pentanone
Concen: 0.478 ppbv
RT: 5.736 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

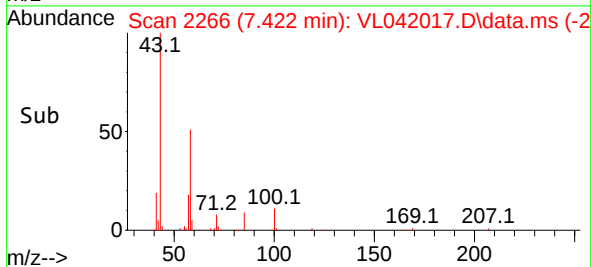
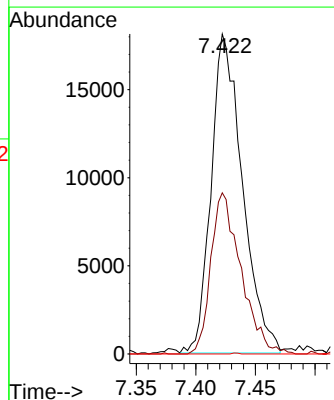
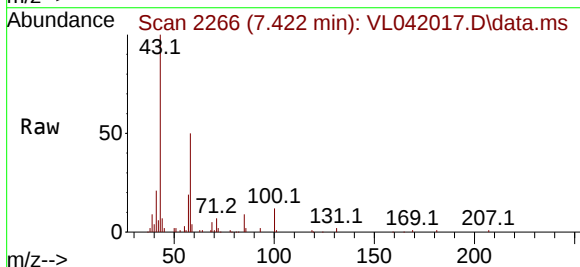
Instrument :
MSVOA_L
ClientSampleId :

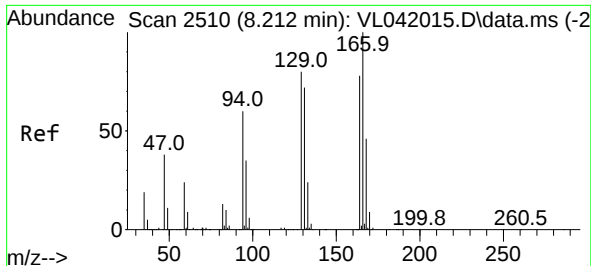
Tgt Ion: 43 Resp: 18022
Ion Ratio Lower Upper
43 100
58 80.6 29.4 44.0#



#51
2-Hexanone
Concen: 1.069 ppbv
RT: 7.422 min Scan# 2266
Delta R.T. 0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 43 Resp: 33046
Ion Ratio Lower Upper
43 100
58 48.8 41.4 62.0
98 0.1 0.0 0.0#



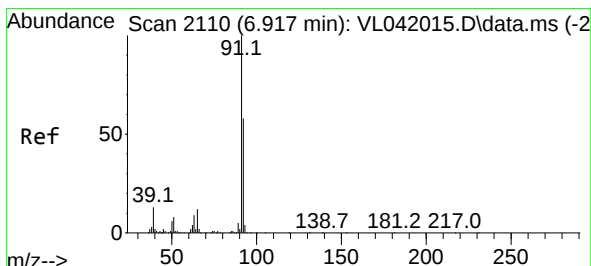
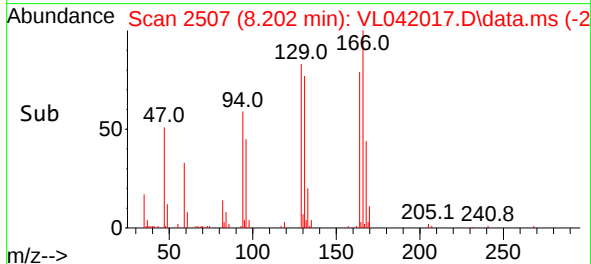
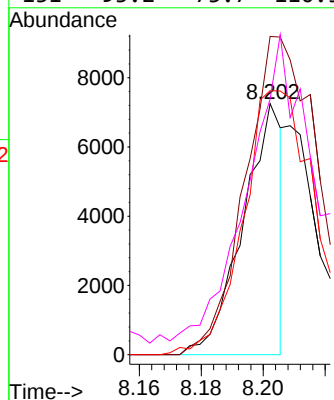
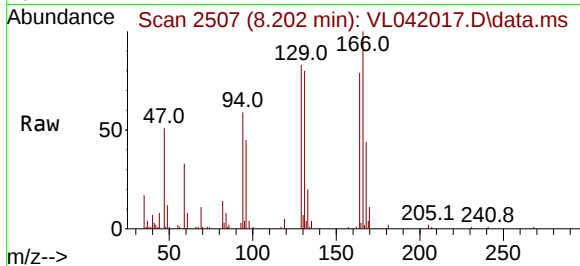


#52
Tetrachloroethene
Concen: 0.534 ppbv
RT: 8.202 min Scan# 2109
Delta R.T. -0.010 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 6365

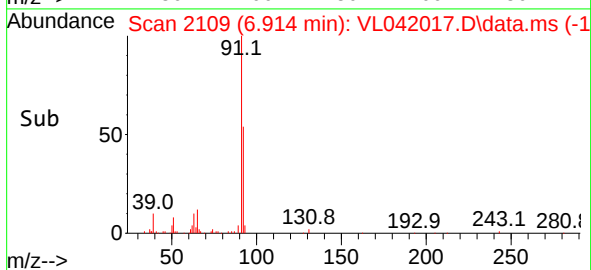
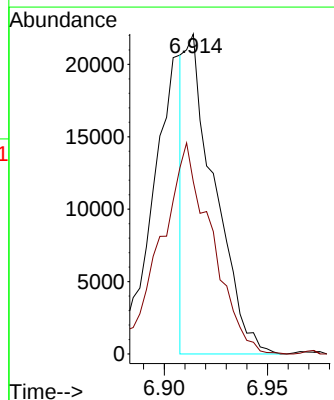
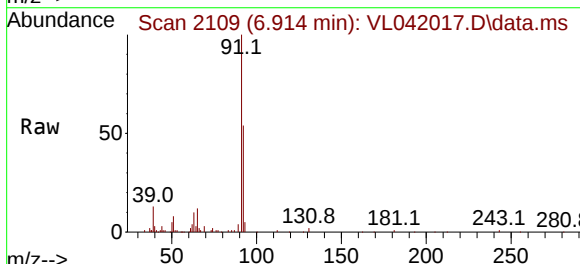
Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.2	153.2
129	102.3	82.2	123.4
131	93.2	73.7	110.5

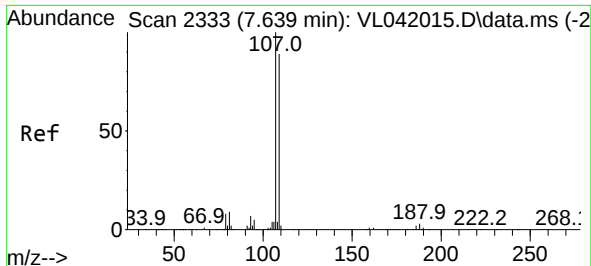


#53
Toluene
Concen: 0.552 ppbv
RT: 6.914 min Scan# 2109
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 91 Resp: 22309

Ion	Ratio	Lower	Upper
91	100		
92	113.4	47.5	71.3#

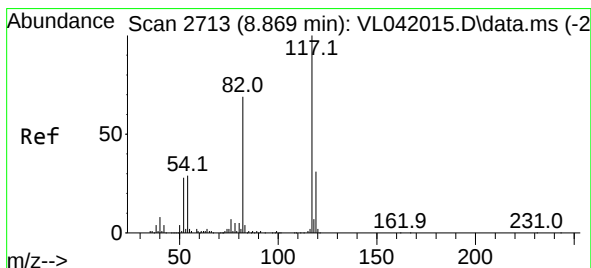
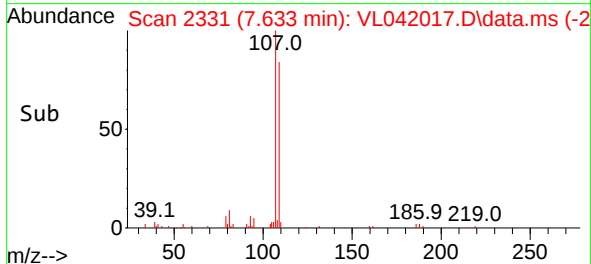
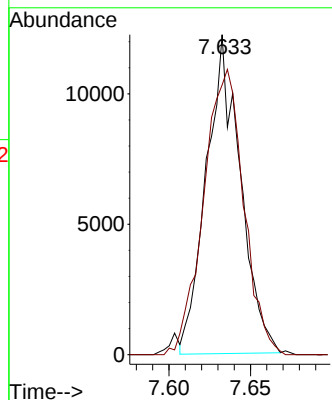
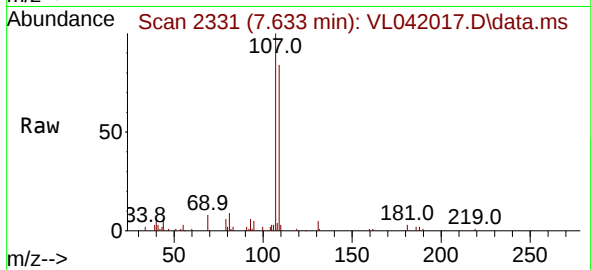




#54
1,2-Dibromoethane
Concen: 0.964 ppbv
RT: 7.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

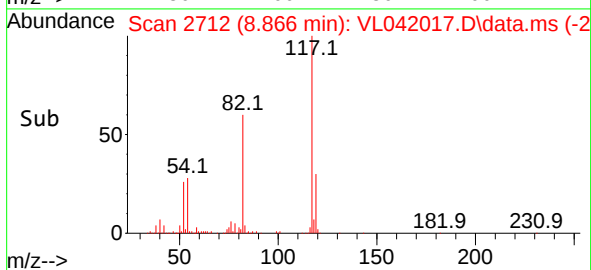
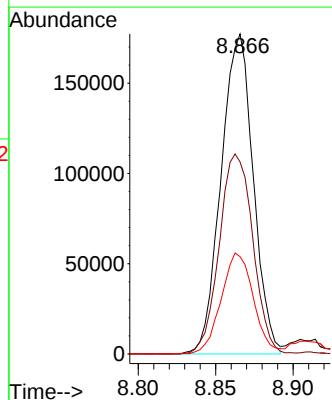
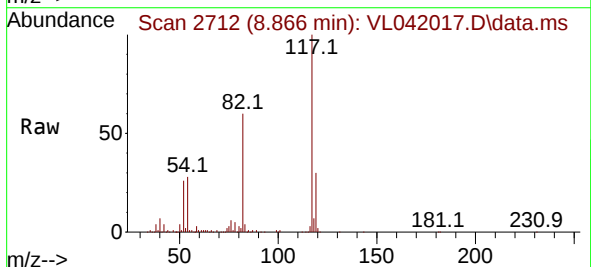
Instrument :
MSVOA_L
ClientSampleId :

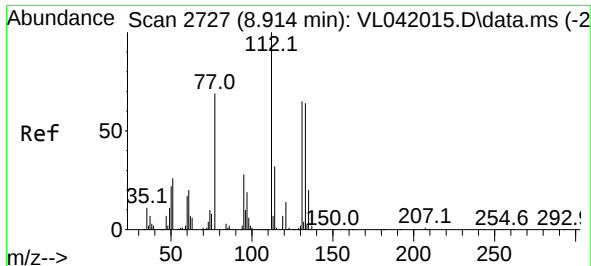
Tgt Ion:107 Resp: 17720
Ion Ratio Lower Upper
107 100
109 83.7 71.5 107.3



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.866 min Scan# 2712
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:117 Resp: 256509
Ion Ratio Lower Upper
117 100
82 65.7 55.7 83.5
119 32.2 25.2 37.8

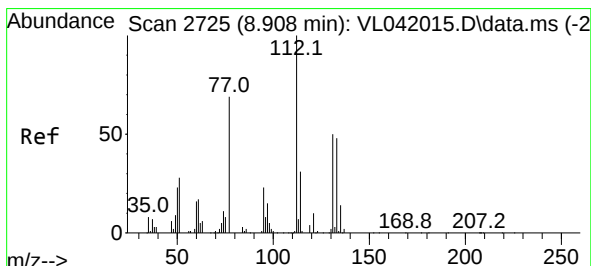
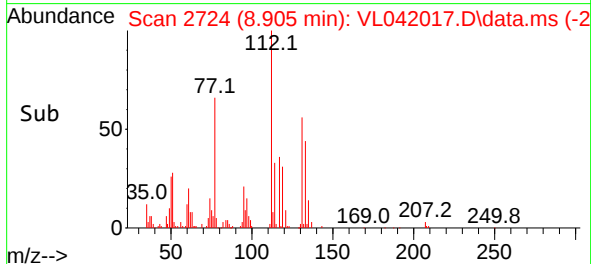
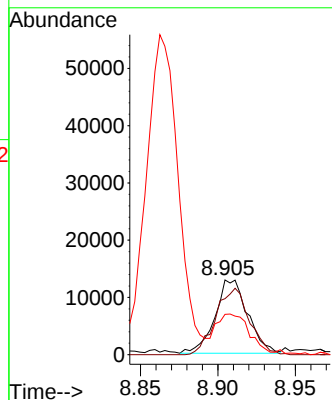
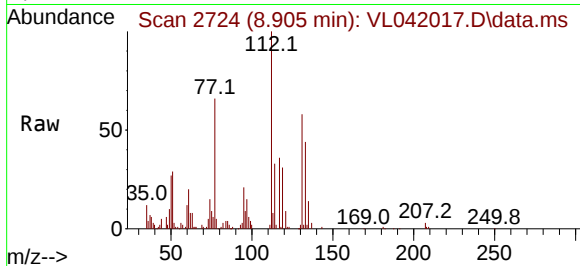




#56
 1,1,1,2-Tetrachloroethane
 Concen: 1.032 ppbv
 RT: 8.905 min Scan# 2724
 Delta R.T. -0.010 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

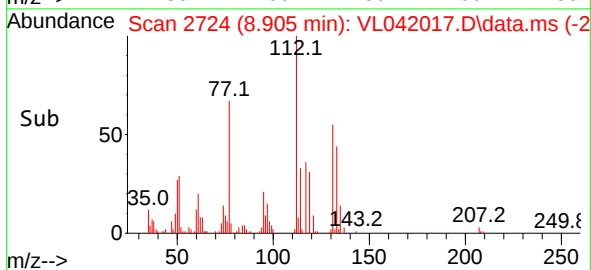
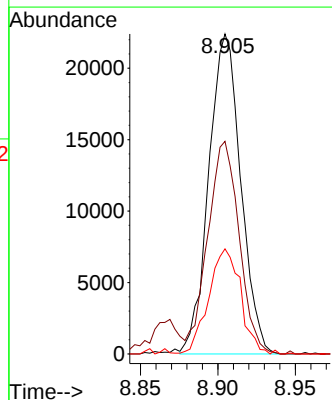
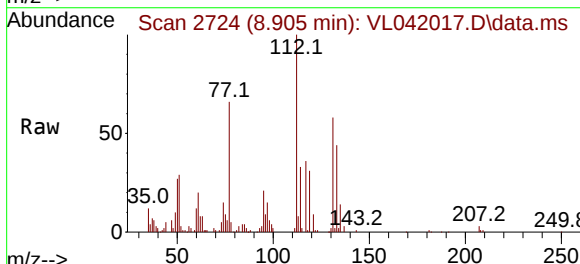
Instrument :
 MSVOA_L
 ClientSampleId :

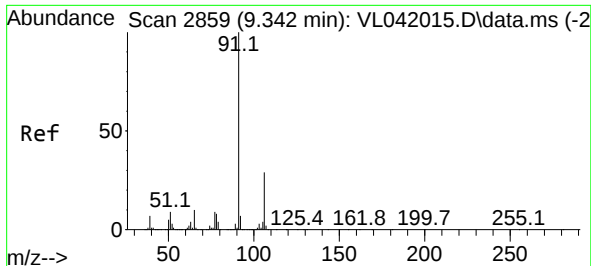
Tgt Ion:131 Resp: 18900
 Ion Ratio Lower Upper
 131 100
 133 93.2 77.8 116.8
 119 52.1 49.1 73.7



#57
 Chlorobenzene
 Concen: 1.066 ppbv
 RT: 8.905 min Scan# 2724
 Delta R.T. -0.003 min
 Lab File: VL042017.D
 Acq: 14 Feb 2025 13:25

Tgt Ion:112 Resp: 32156
 Ion Ratio Lower Upper
 112 100
 77 66.4 56.2 84.2
 114 32.9 28.2 34.4

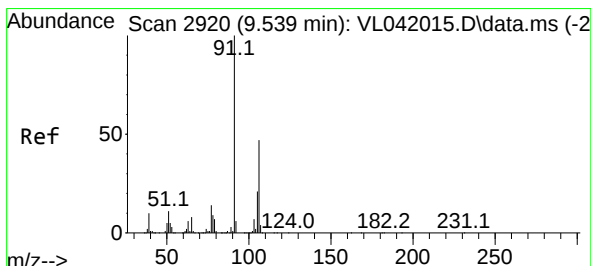
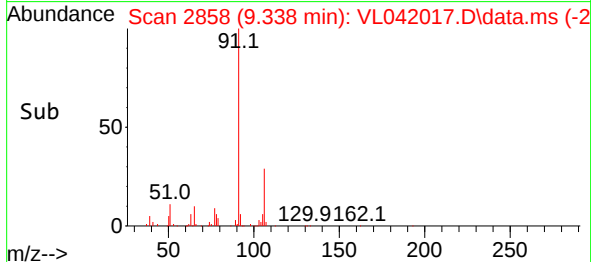
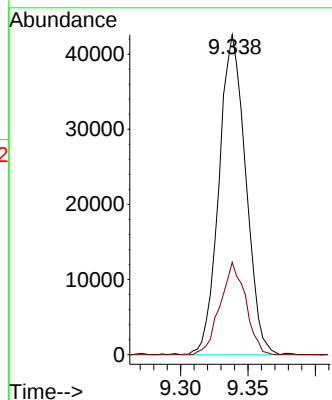
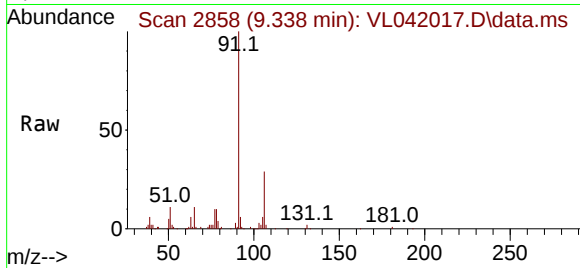




#58
Ethyl Benzene
Concen: 1.046 ppbv
RT: 9.338 min Scan# 218
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

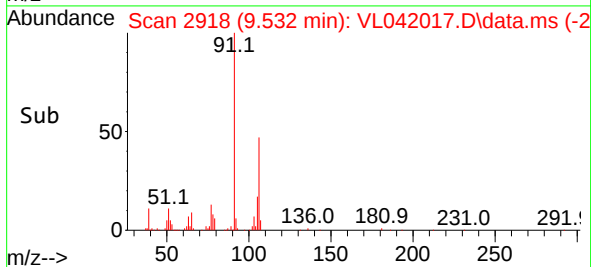
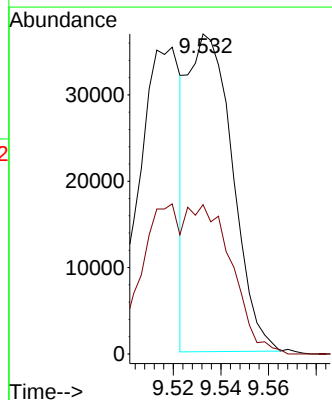
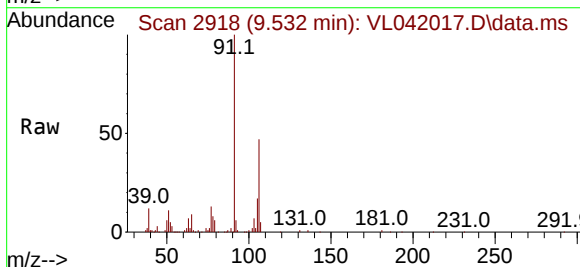
Instrument :
MSVOA_L
ClientSampleId :

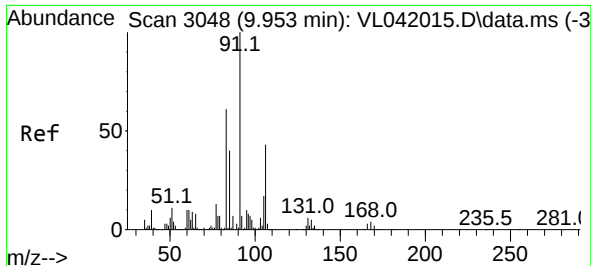
Tgt Ion: 91 Resp: 58735
Ion Ratio Lower Upper
91 100
106 28.8 23.1 34.7



#59
m/p-Xylene
Concen: 1.079 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 91 Resp: 47741
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.8#

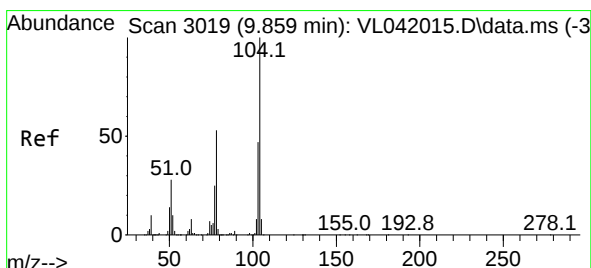
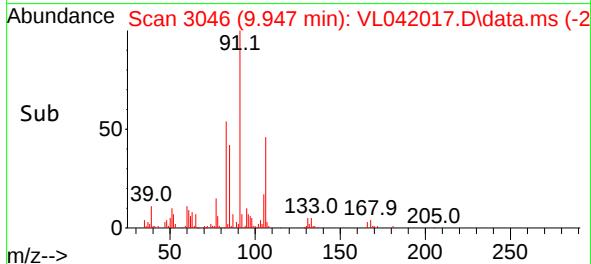
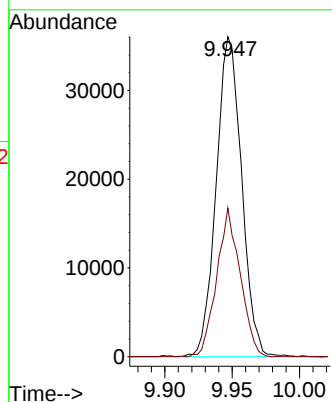
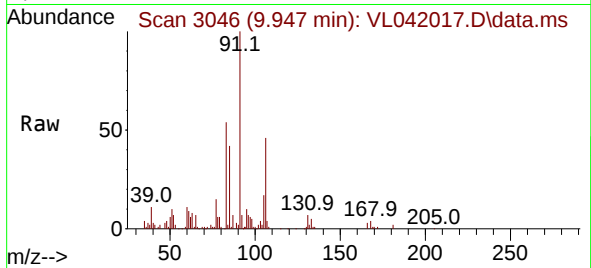




#60
o-Xylene
Concen: 1.059 ppbv
RT: 9.947 min Scan# 3046
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

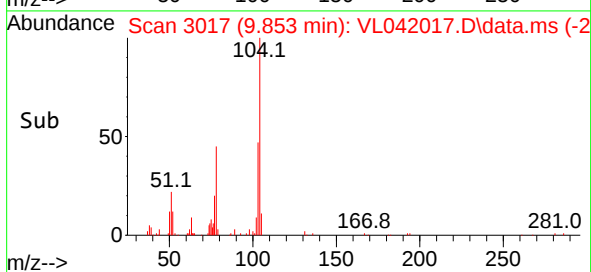
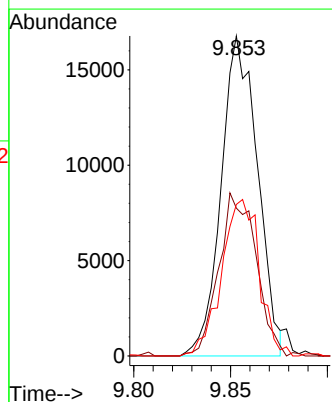
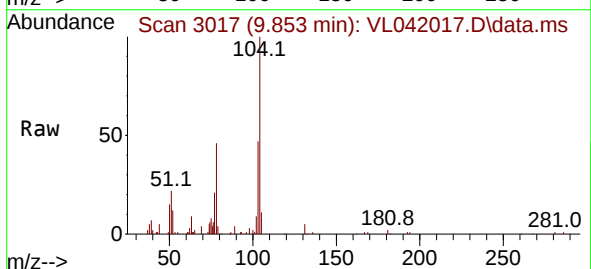
Instrument :
MSVOA_L
ClientSampleId :

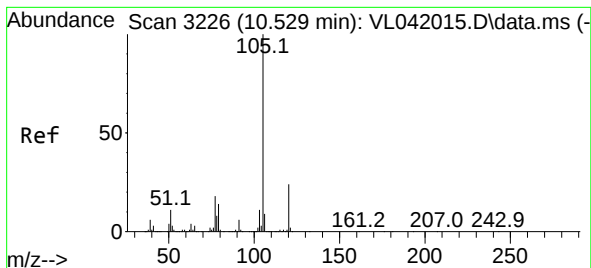
Tgt Ion: 91 Resp: 47347
Ion Ratio Lower Upper
91 100
106 42.8 21.4 64.3



#61
Styrene
Concen: 1.026 ppbv
RT: 9.853 min Scan# 3017
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:104 Resp: 21872
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 51.0 38.1 57.1





#62

Isopropylbenzene

Concen: 1.053 ppbv

RT: 10.526 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Instrument :

MSVOA_L

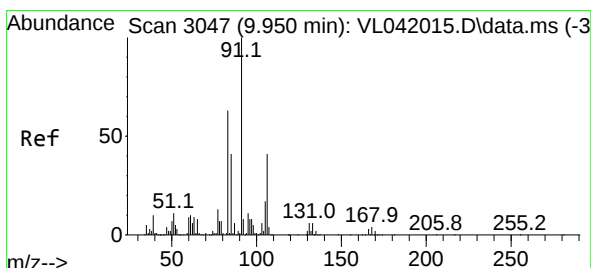
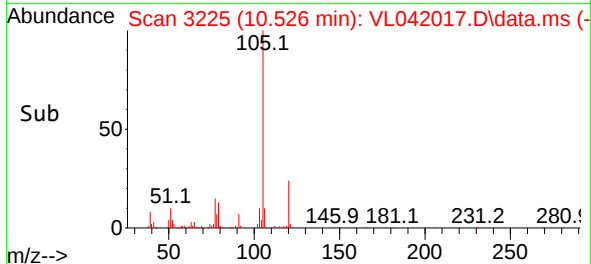
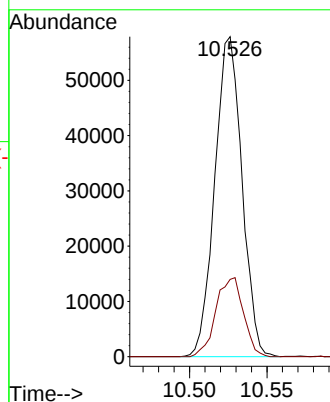
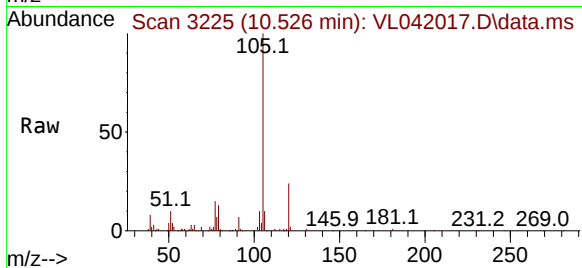
ClientSampleId :

Tgt Ion:105 Resp: 70665

Ion Ratio Lower Upper

105 100

120 25.0 19.8 29.8



#63

1,1,2,2-Tetrachloroethane

Concen: 0.965 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

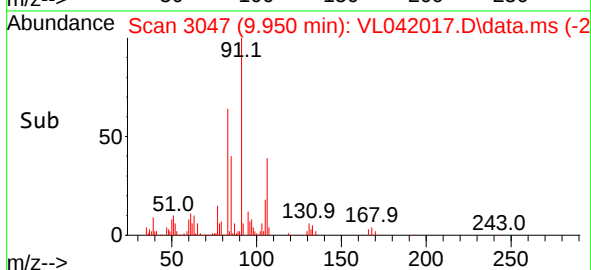
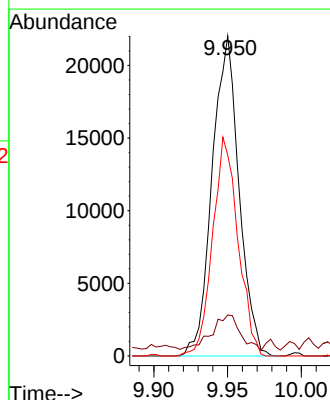
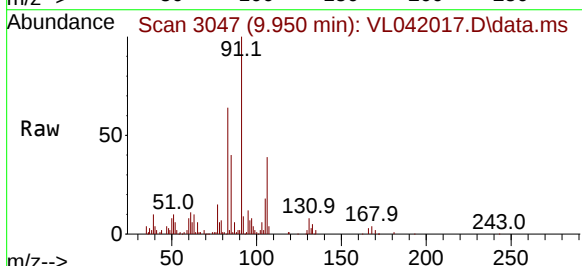
Tgt Ion: 83 Resp: 27852

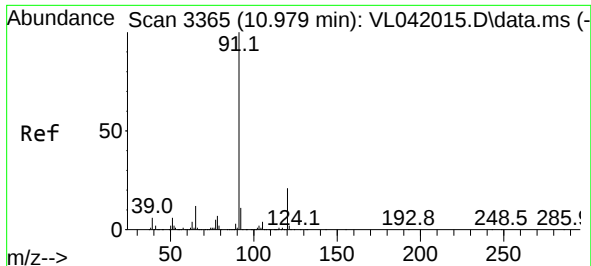
Ion Ratio Lower Upper

83 100

131 13.4 5.0 15.0

85 64.9 32.1 96.3

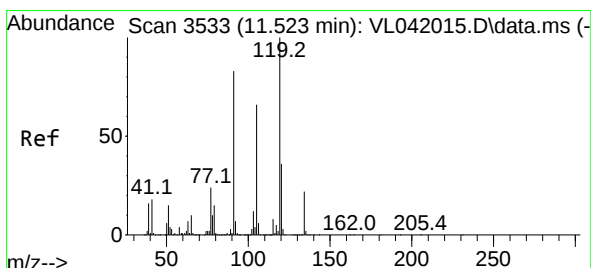
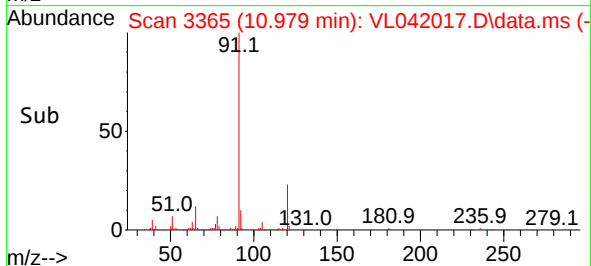
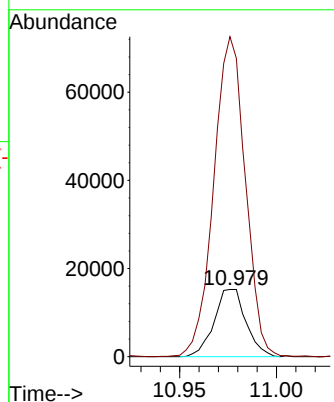
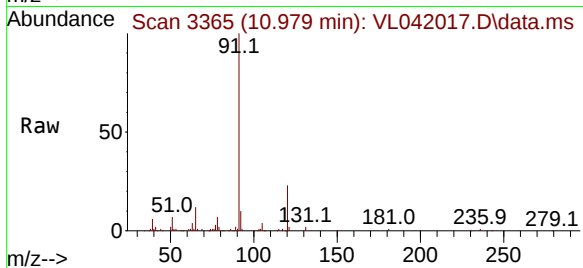




#64
n-propylbenzene
Concen: 1.059 ppbv
RT: 10.979 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

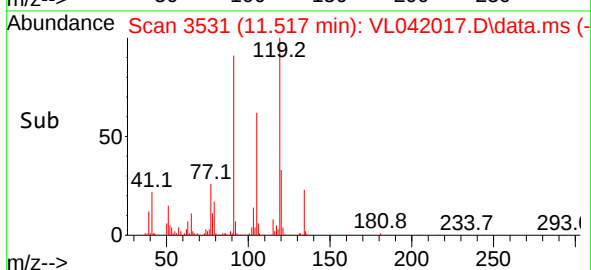
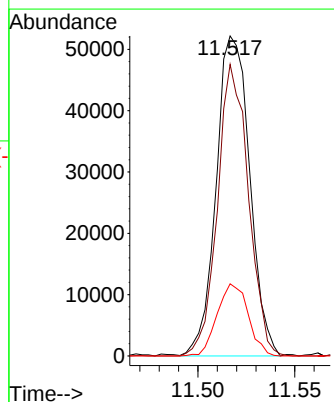
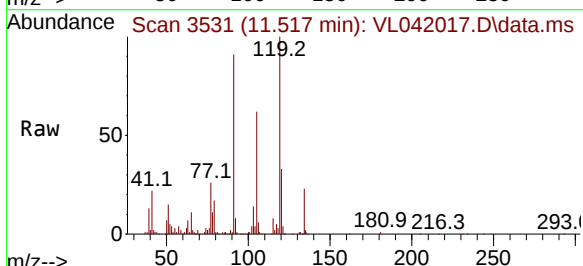
Instrument :
MSVOA_L
ClientSampleId :

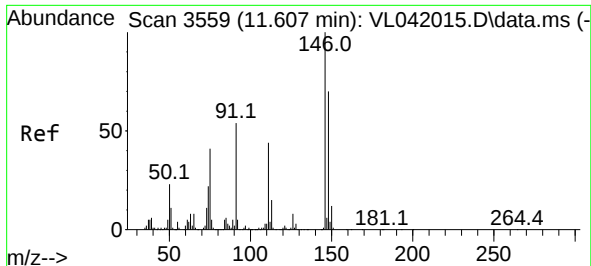
Tgt Ion:120 Resp: 17468
Ion Ratio Lower Upper
120 100
91 470.9 392.2 588.2



#65
tert-Butylbenzene
Concen: 1.074 ppbv
RT: 11.517 min Scan# 3531
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:119 Resp: 62846
Ion Ratio Lower Upper
119 100
91 83.8 66.5 99.7
134 20.9 16.6 24.8

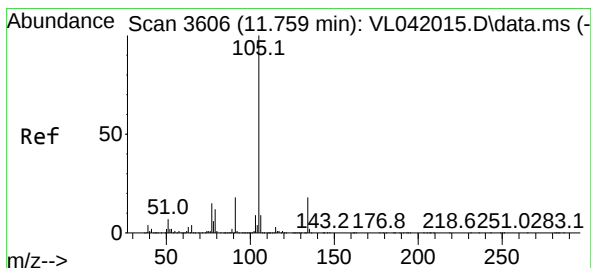
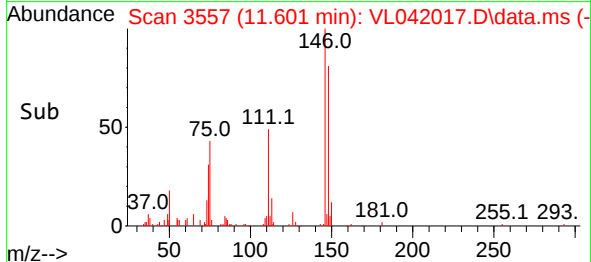
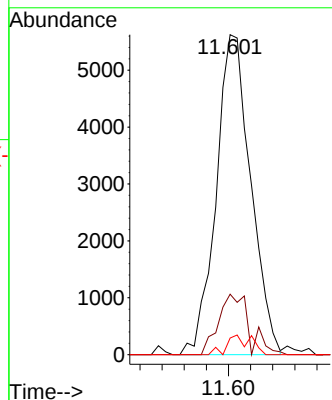
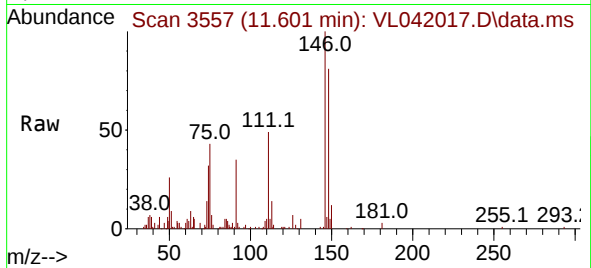




#66
Benzyl Chloride
Concen: 1.035 ppbv
RT: 11.601 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

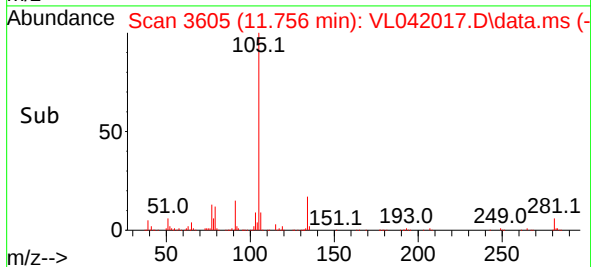
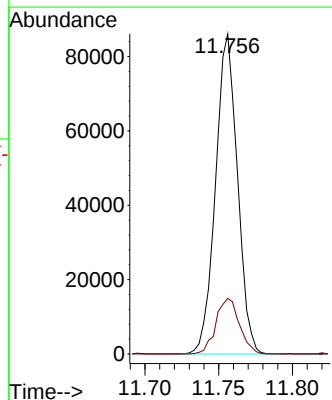
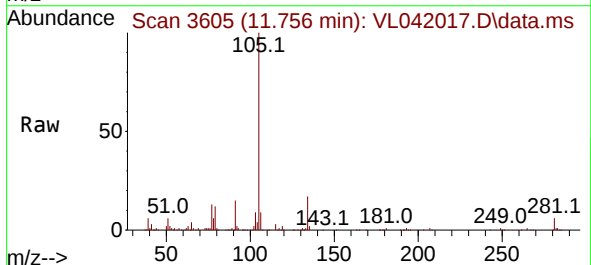
Instrument :
MSVOA_L
ClientSampleId :

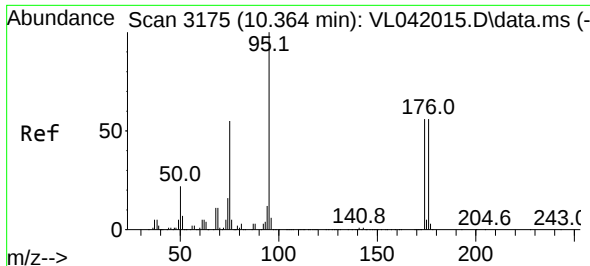
Tgt Ion: 91 Resp: 6113
Ion Ratio Lower Upper
91 100
126 16.9 13.8 20.6
128 4.3 4.1 6.1



#67
sec-Butylbenzene
Concen: 1.081 ppbv
RT: 11.756 min Scan# 3605
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 105 Resp: 88881
Ion Ratio Lower Upper
105 100
134 18.6 14.7 22.1

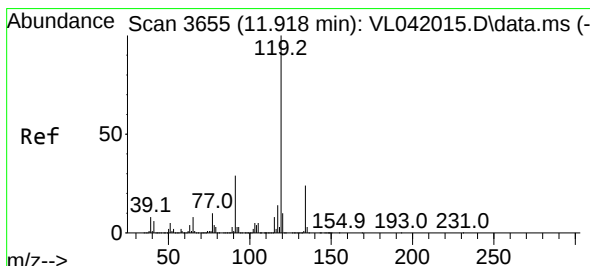
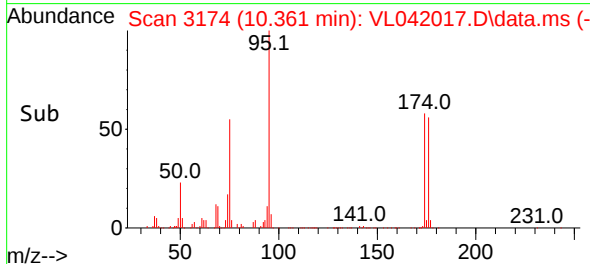
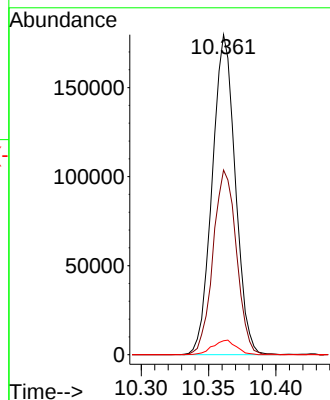
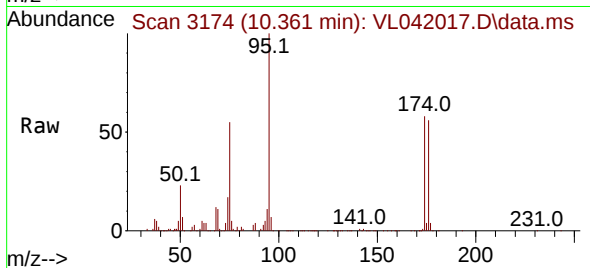




#68
1-Bromo-4-Fluorobenzene
Concen: 10.121 ppbv
RT: 10.361 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

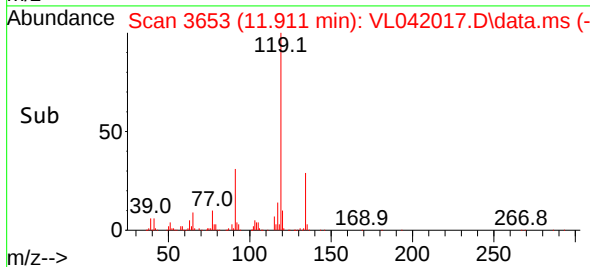
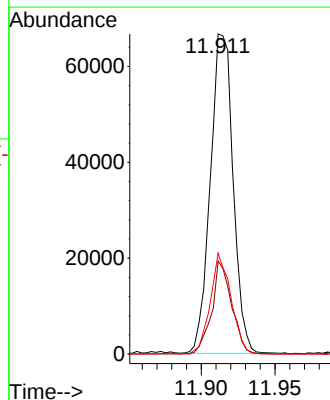
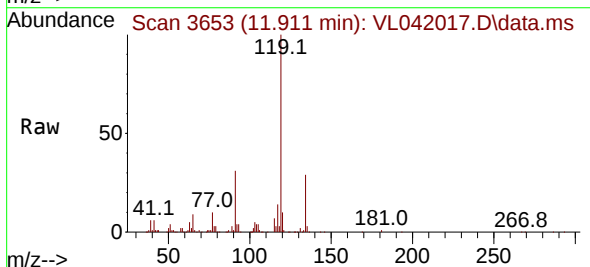
Instrument :
MSVOA_L
ClientSampleId :

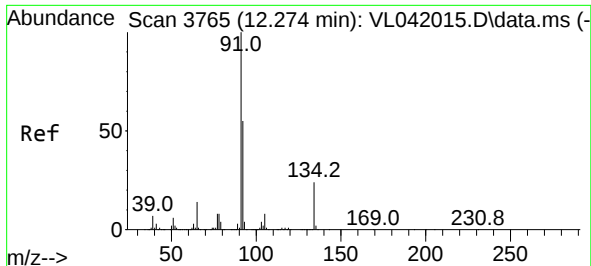
Tgt Ion: 95 Resp: 214136
Ion Ratio Lower Upper
95 100
174 58.5 46.7 70.1
175 4.6 3.7 5.5



#69
p-Isopropyltoluene
Concen: 1.065 ppbv
RT: 11.911 min Scan# 3653
Delta R.T. -0.007 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 119 Resp: 71697
Ion Ratio Lower Upper
119 100
134 25.3 19.4 29.0
91 28.8 23.4 35.2

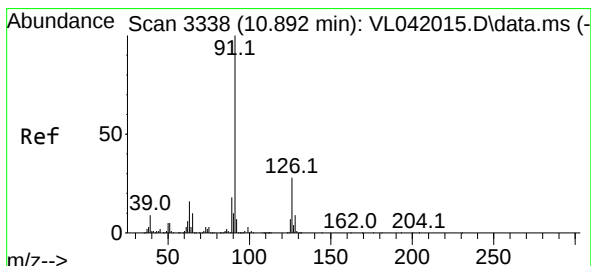
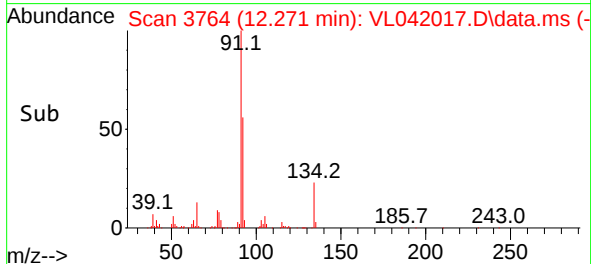
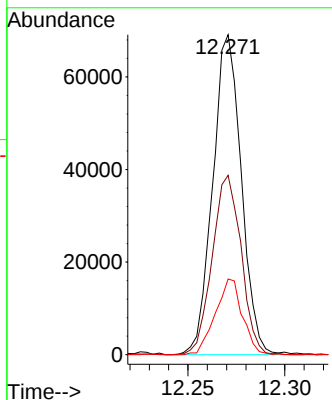
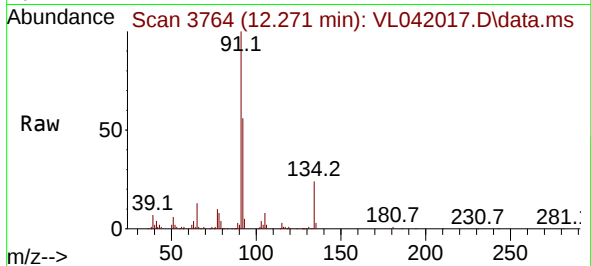




#70
n-Butylbenzene
Concen: 1.070 ppbv
RT: 12.271 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

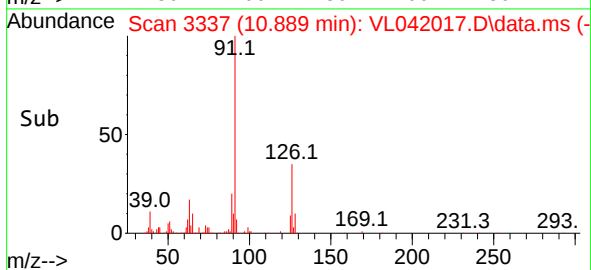
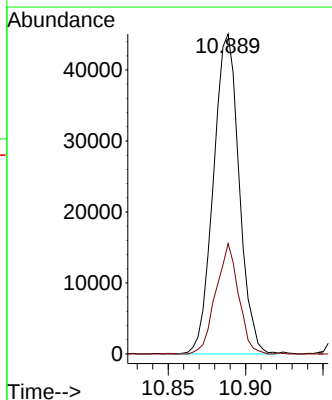
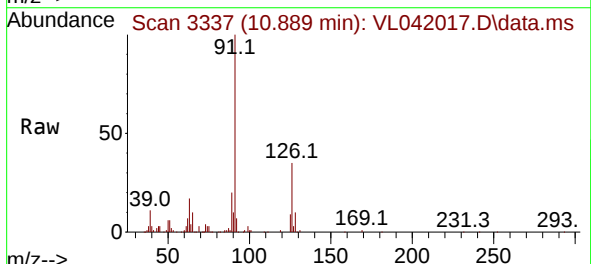
Instrument :
MSVOA_L
ClientSampleId :

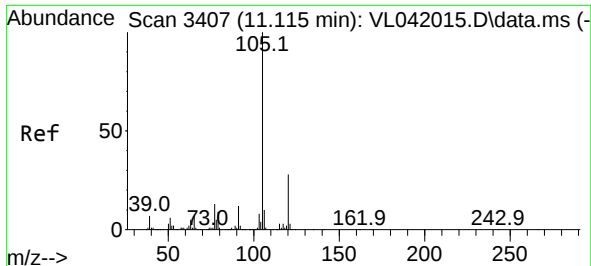
Tgt Ion: 91 Resp: 70916
Ion Ratio Lower Upper
91 100
92 57.0 43.8 65.8
134 22.4 18.6 27.8



#71
2-Chlorotoluene
Concen: 1.028 ppbv
RT: 10.889 min Scan# 3337
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion: 91 Resp: 51962
Ion Ratio Lower Upper
91 100
126 30.6 11.2 45.0

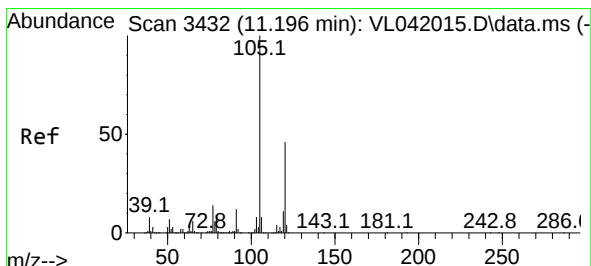
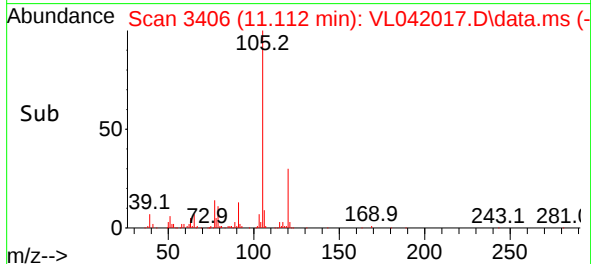
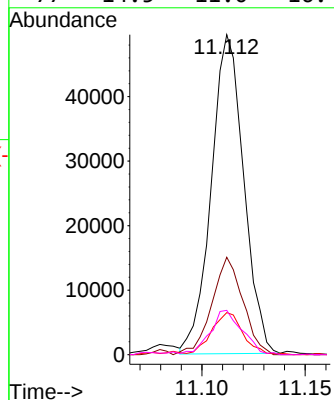
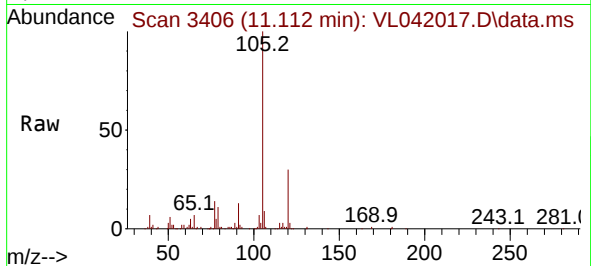




#72
4-Ethyltoluene
Concen: 1.031 ppbv
RT: 11.112 min Scan# 3406
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

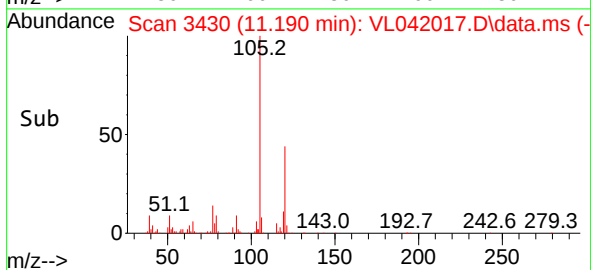
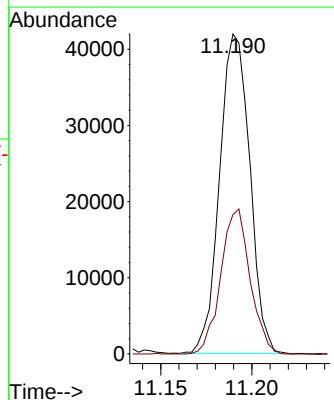
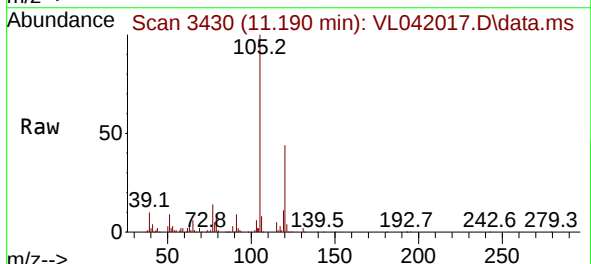
Instrument :
MSVOA_L
ClientSampleId :

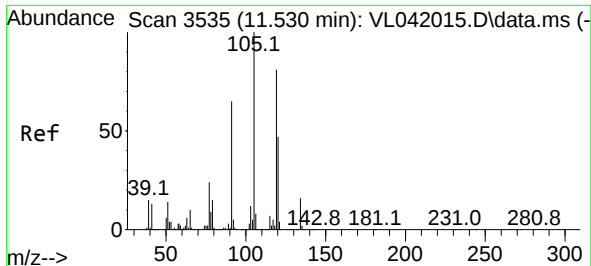
Tgt Ion:105	Resp:	54079
Ion Ratio	Lower	Upper
105	100	
120	29.8	22.7 34.1
91	13.7	10.2 15.2
77	14.5	11.0 16.4



#73
1,3,5-Trimethylbenzene
Concen: 1.069 ppbv
RT: 11.190 min Scan# 3430
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:105	Resp:	48308
Ion Ratio	Lower	Upper
105	100	
120	43.7	37.1 55.7

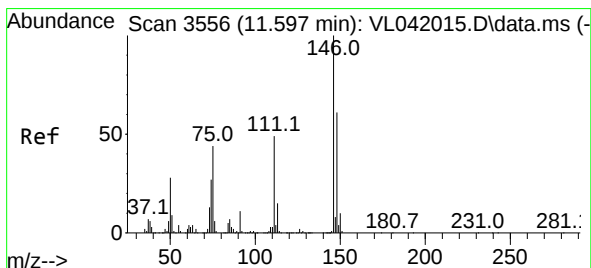
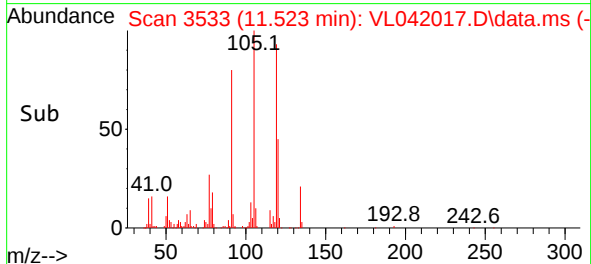
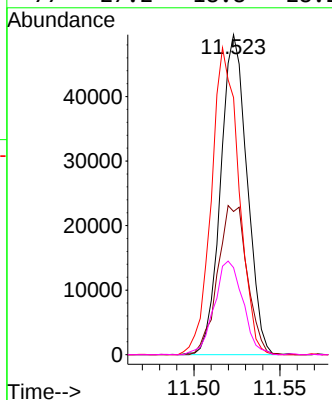
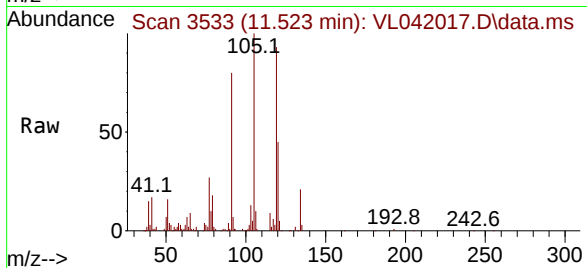




#74
1,2,4-Trimethylbenzene
Concen: 1.091 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

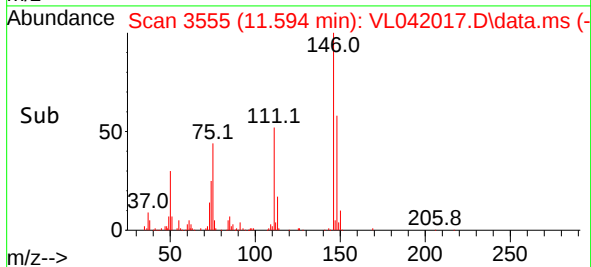
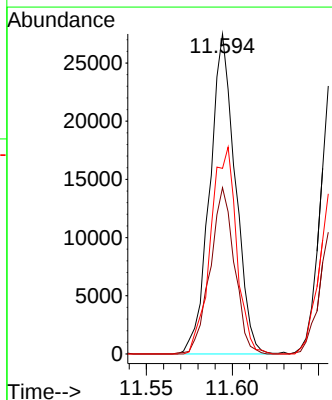
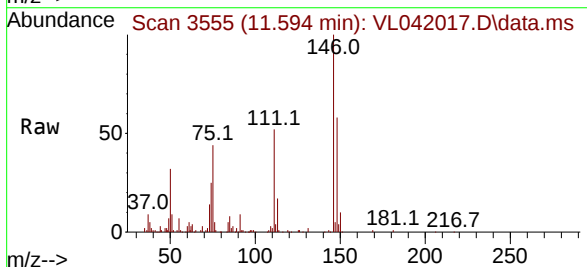
Instrument :
MSVOA_L
ClientSampleId :

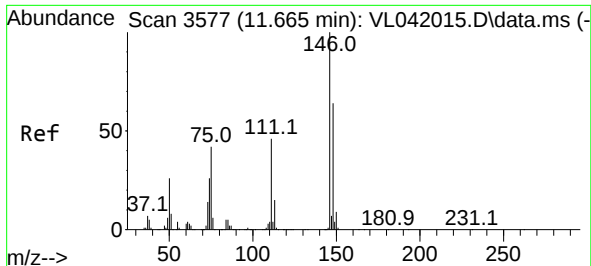
Tgt Ion:	105	Resp:	52921
Ion	Ratio	Lower	Upper
105	100		
120	44.8	37.5	56.3
91	80.3	51.7	77.5#
77	27.2	18.8	28.2



#75
1,3-Dichlorobenzene
Concen: 1.086 ppbv
RT: 11.594 min Scan# 3555
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:	146	Resp:	28362
Ion	Ratio	Lower	Upper
146	100		
111	49.4	23.9	71.7
148	65.6	31.5	94.5

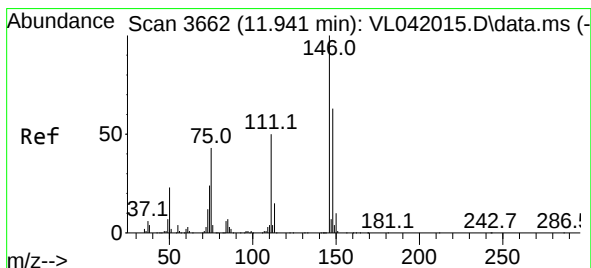
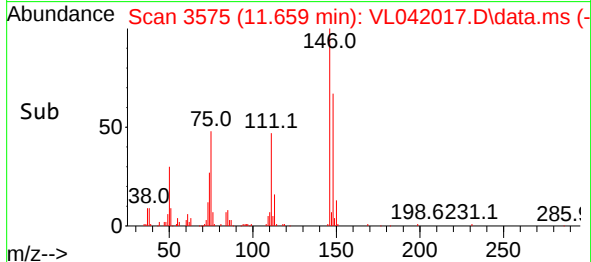
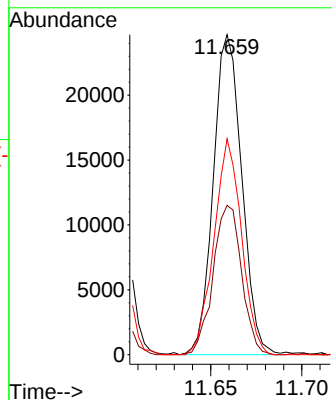
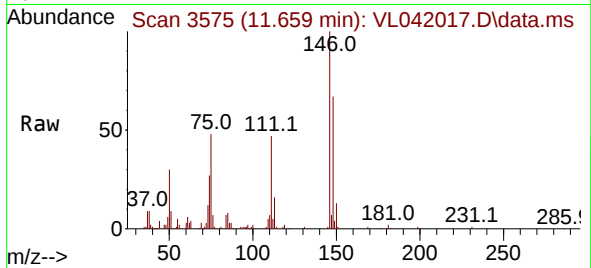




#76
1,4-Dichlorobenzene
Concen: 1.052 ppbv
RT: 11.659 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

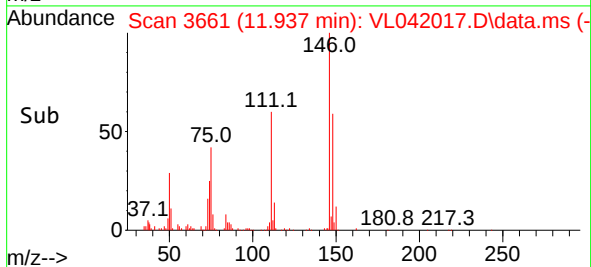
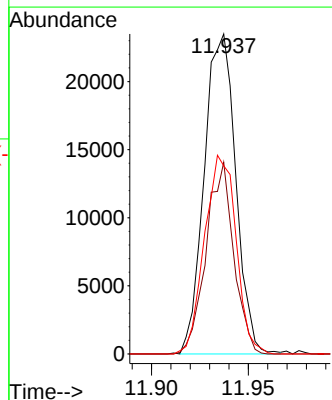
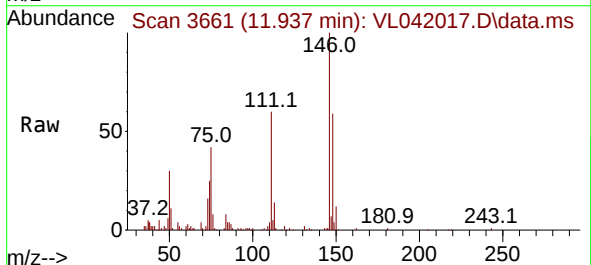
Instrument :
MSVOA_L
ClientSampleId :

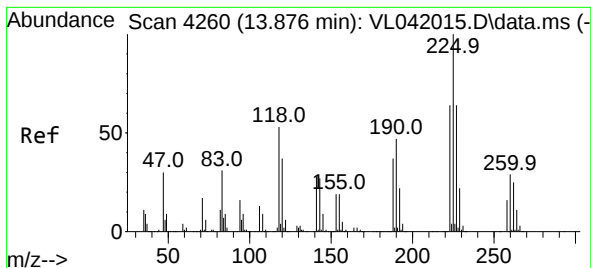
Tgt Ion:146 Resp: 26798
Ion Ratio Lower Upper
146 100
111 47.0 23.5 70.5
148 65.3 32.3 96.9



#77
1,2-Dichlorobenzene
Concen: 1.065 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:146 Resp: 26585
Ion Ratio Lower Upper
146 100
111 52.4 25.6 76.8
148 62.0 31.9 95.7





#78

Hexachloro-1,3-Butadiene

Concen: 1.058 ppbv

RT: 13.870 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

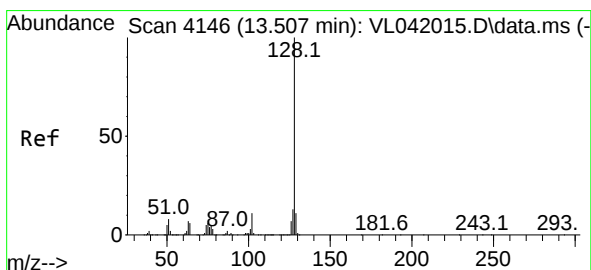
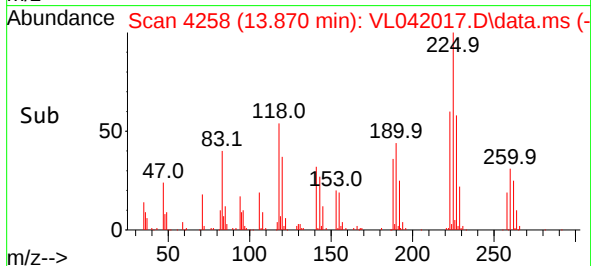
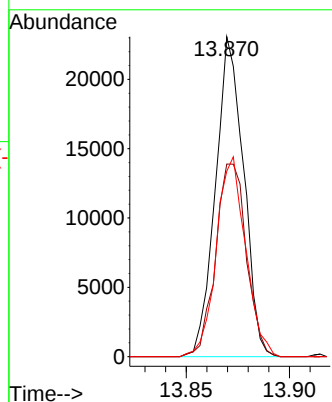
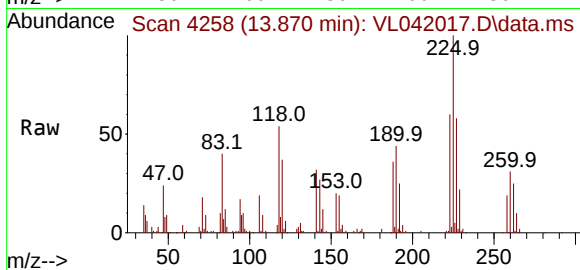
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:225 Resp: 21844

Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.6	75.8
227	65.2	50.9	76.3



#79

Naphthalene

Concen: 1.185 ppbv

RT: 13.504 min Scan# 4145

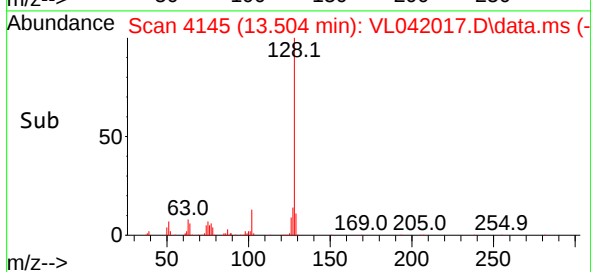
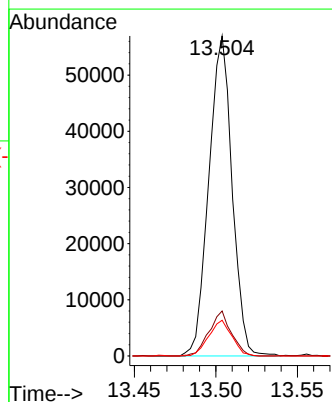
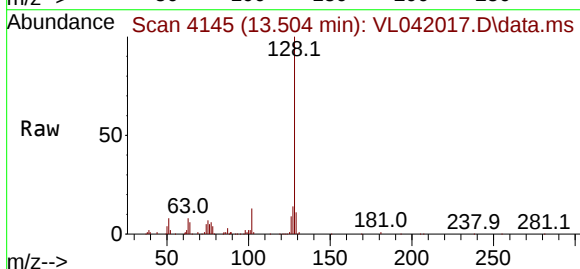
Delta R.T. -0.003 min

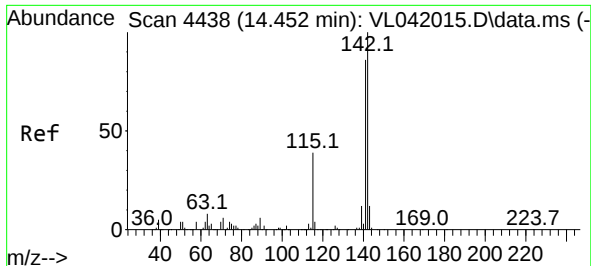
Lab File: VL042017.D

Acq: 14 Feb 2025 13:25

Tgt Ion:128 Resp: 56546

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.1	8.6	13.0

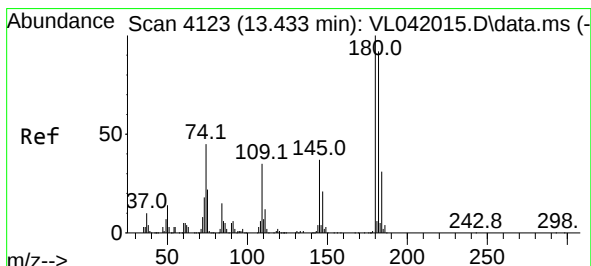
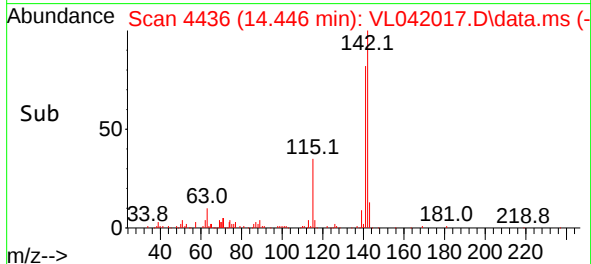
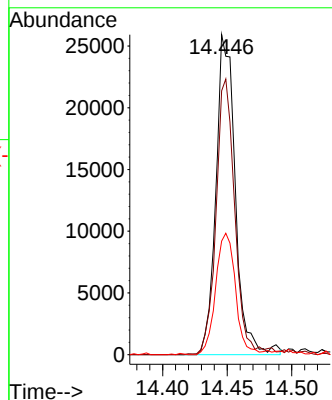
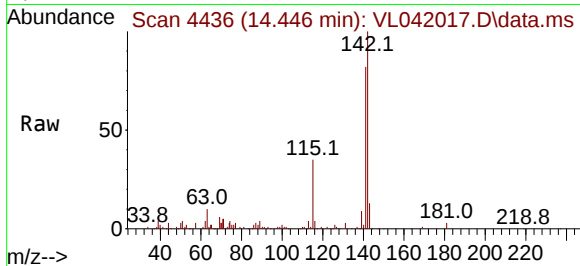




#80
Naphthalene, 2-methyl-
Concen: 1.245 ppbv
RT: 14.446 min Scan# 4436
Delta R.T. -0.006 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 26997
Ion Ratio Lower Upper
142 100
141 85.5 68.2 102.2
115 41.3 33.6 50.4



#81
1,2,4-Trichlorobenzene
Concen: 1.131 ppbv
RT: 13.429 min Scan# 4122
Delta R.T. -0.003 min
Lab File: VL042017.D
Acq: 14 Feb 2025 13:25

Tgt Ion:180 Resp: 21943
Ion Ratio Lower Upper
180 100
182 96.6 75.8 113.6
184 33.2 24.2 36.4

