

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041917.D
 Acq On : 20 Jan 2025 12:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 21 03:02:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	141673	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	411747	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	366617	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	293204	10.154	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	203725	10.557	ppbv	99
3) Chlorodifluoromethane	1.473	51	206837	10.231	ppbv	98
4) Chloromethane	1.531	50	74817	10.309	ppbv	98
5) Vinyl Chloride	1.576	62	75435	10.262	ppbv	94
6) Bromomethane	1.667	94	34889	9.958	ppbv	93
7) Chloroethane	1.703	64	29546	10.330	ppbv	96
8) Dichlorotetrafluoroethane	1.554	85	171284	10.156	ppbv	100
9) Propene	1.483	41	84715	10.173	ppbv	98
10) Heptane	4.975	43	229131	10.294	ppbv	100
11) Trichlorofluoromethane	1.874	101	197469	9.837	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	160467	10.200	ppbv	99
13) Ethanol	1.719	45	3749	6.146	ppbv	94
14) Bromoethene	1.780	108	56412	9.793	ppbv	99
15) Acetone	1.832	43	153081	8.996	ppbv	98
16) 1,3-Butadiene	1.606	39	76981	10.080	ppbv	97
17) tert-Butyl alcohol	2.039	59	188440	8.998	ppbv	99
18) 1,1-Dichloroethene	2.033	96	69158	9.753	ppbv	90
19) Isopropyl Alcohol	1.884	45	89019	8.823	ppbv	92
20) Methylene Chloride	2.059	84	57546	8.557	ppbv	96
21) Allyl Chloride	2.094	41	119961	10.181	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	79830	9.975	ppbv	97
23) Vinyl Acetate	2.460	43	79276	9.399	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	155899	10.071	ppbv	100
25) Ethyl Acetate	2.832	43	472214	10.291	ppbv	100
26) Hexane	2.823	57	189473	10.441	ppbv	98
27) Carbon Disulfide	2.146	76	191777	10.679	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	134406	9.690	ppbv	99
29) Chloroform	2.845	83	293833	10.243	ppbv	99
30) Cyclohexane	3.852	84	164556	10.454	ppbv	96
31) cis-1,2-Dichloroethene	2.719	61	193337	10.118	ppbv	94
32) 1,1,1-Trichloroethane	3.363	97	295721	10.773	ppbv	99
34) 2-Butanone	2.554	43	279040	10.656	ppbv	99
35) Carbon Tetrachloride	3.758	117	297344	11.497	ppbv	99
36) Benzene	3.651	78	390961	10.353	ppbv	98
37) 1,2-Dichloroethane	3.214	62	226025	10.657	ppbv	99
38) Trichloroethene	4.541	130	156566	10.447	ppbv	96
39) 1,2-Dichloropropane	4.308	63	135938	10.262	ppbv	98
40) 1,4-Dioxane	4.580	88	62682	9.370	ppbv #	91
41) Tetrahydrofuran	3.052	42	153011	10.752	ppbv	98
42) Bromodichloromethane	4.486	83	311544	10.955	ppbv	98
43) Methyl Methacrylate	4.878	69	146142	10.417	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	643085	10.528	ppbv	100
45) t-1,3-Dichloropropene	6.409	75	147278	11.215	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

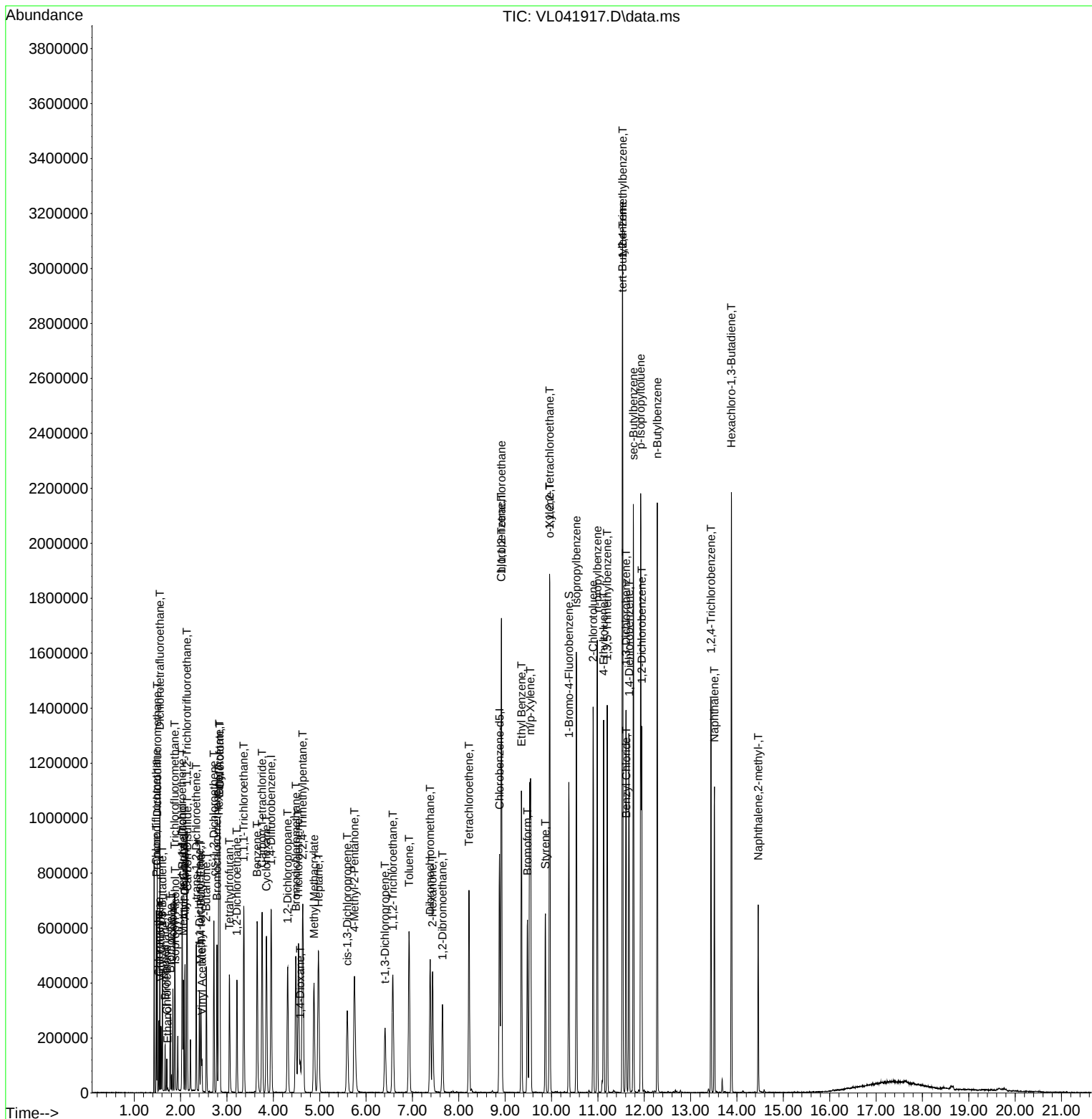
Instrument :
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 ClientSampleId :

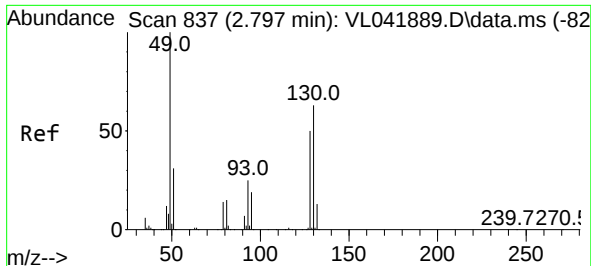
Quant Time: Jan 21 03:02:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	191623	11.114	ppbv	97
47) 1,1,2-Trichloroethane	6.577	97	151234	10.772	ppbv	96
48) Dibromochloromethane	7.383	129	250059	11.543	ppbv	98
49) Bromoform	9.480	173	208438	11.713	ppbv	99
50) 4-Methyl-2-Pentanone	5.748	43	380994	10.658	ppbv	99
51) 2-Hexanone	7.435	43	296893	10.809	ppbv #	98
52) Tetrachloroethene	8.221	164	128925	9.846	ppbv	97
53) Toluene	6.927	91	441480	10.732	ppbv	99
54) 1,2-Dibromoethane	7.648	107	208665	10.811	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.920	131	196915	10.766	ppbv	99
57) Chlorobenzene	8.917	112	344297	10.181	ppbv	97
58) Ethyl Benzene	9.351	91	621872	10.854	ppbv	98
59) m/p-Xylene	9.545	91	468213	10.195	ppbv #	22
60) o-Xylene	9.963	91	501346	10.998	ppbv	99
61) Styrene	9.869	104	230415	11.268	ppbv	100
62) Isopropylbenzene	10.535	105	754701	10.699	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.959	83	308812	10.602	ppbv	99
64) n-propylbenzene	10.989	120	191700	10.756	ppbv	99
65) tert-Butylbenzene	11.529	119	689403	10.725	ppbv	99
66) Benzyl Chloride	11.613	91	43319	10.888	ppbv	99
67) sec-Butylbenzene	11.765	105	942685	10.650	ppbv	100
69) p-Isopropyltoluene	11.924	119	791581	10.860	ppbv	100
70) n-Butylbenzene	12.280	91	761646	10.537	ppbv	100
71) 2-Chlorotoluene	10.898	91	559890	10.730	ppbv	100
72) 4-Ethyltoluene	11.124	105	594409	10.901	ppbv	100
73) 1,3,5-Trimethylbenzene	11.202	105	519084	10.780	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	556666	10.675	ppbv	95
75) 1,3-Dichlorobenzene	11.607	146	318934	10.321	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	318485	10.535	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	314384	10.266	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	228831	9.104	ppbv	99
79) Naphthalene	13.513	128	503311	9.586	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	179578	7.214	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	238914	9.322	ppbv	97

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

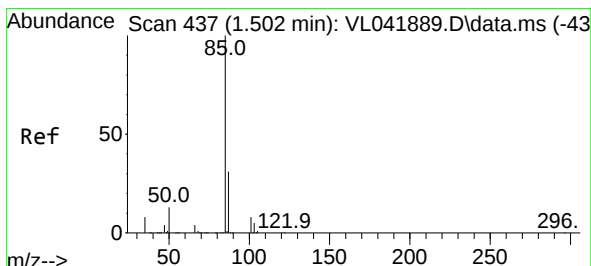
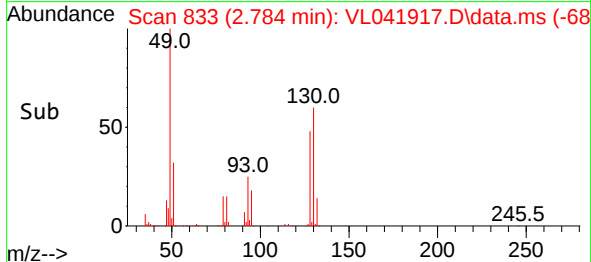
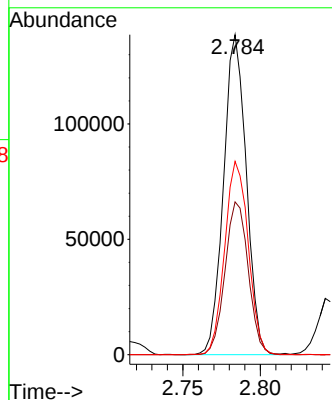
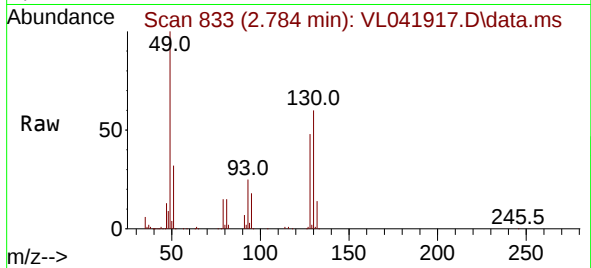




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

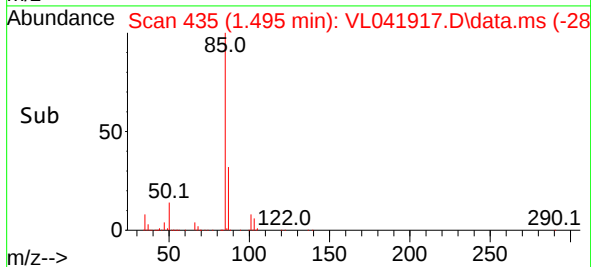
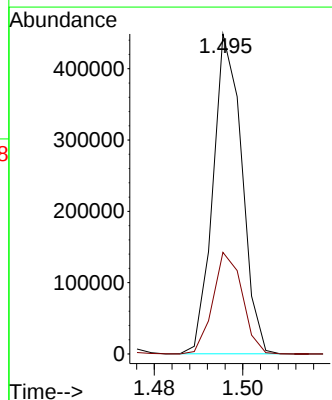
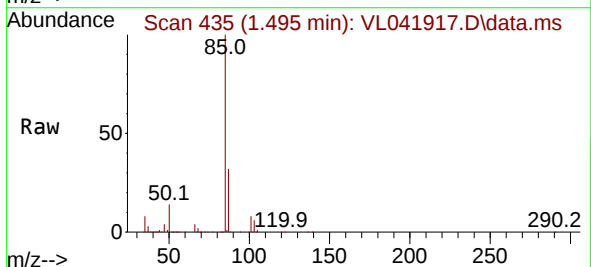
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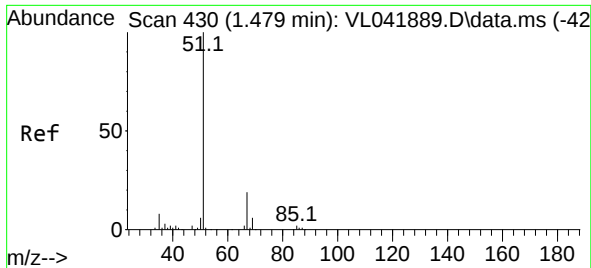
Tgt Ion: 49 Resp: 141673
 Ion Ratio Lower Upper
 49 100
 128 48.8 24.3 73.0
 130 62.5 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 10.557 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.006 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Tgt Ion: 85 Resp: 203725
 Ion Ratio Lower Upper
 85 100
 87 31.8 24.9 37.3

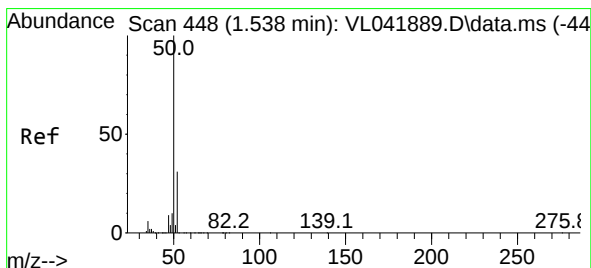
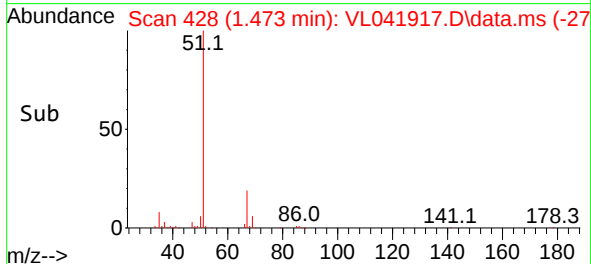
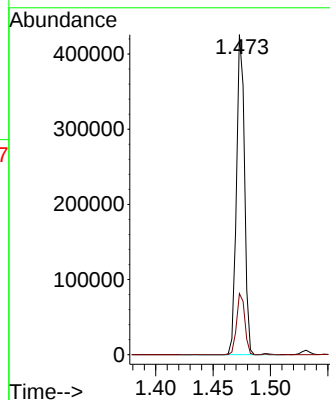
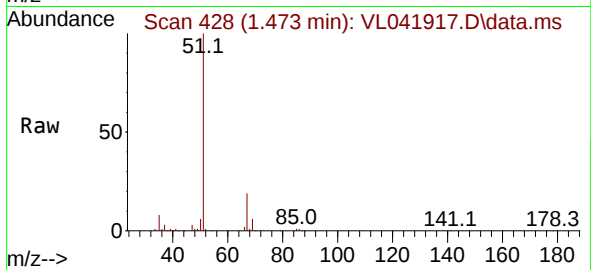




#3
Chlorodifluoromethane
Concen: 10.231 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

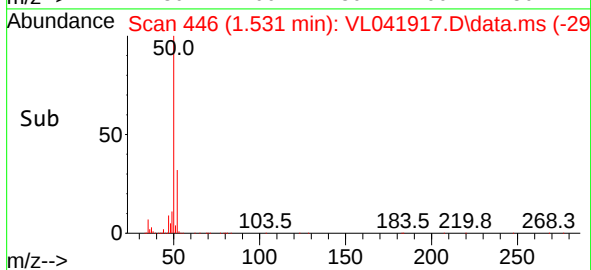
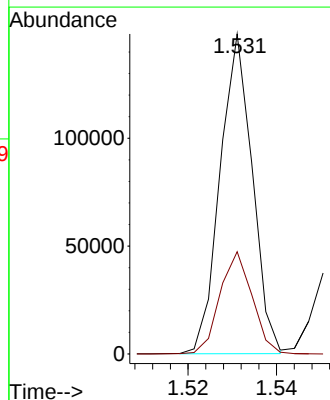
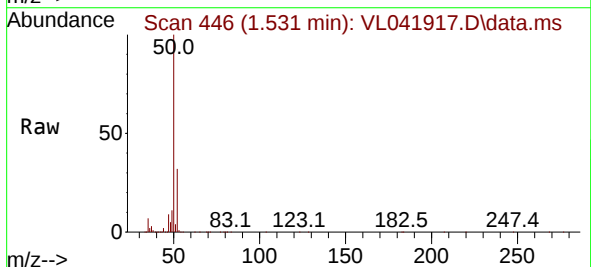
Instrument :
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ClientSampleId :

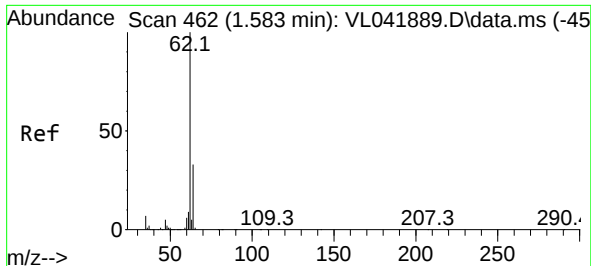
Tgt Ion: 51 Resp: 206837
Ion Ratio Lower Upper
51 100
67 19.6 15.0 22.4



#4
Chloromethane
Concen: 10.309 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 50 Resp: 74817
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8

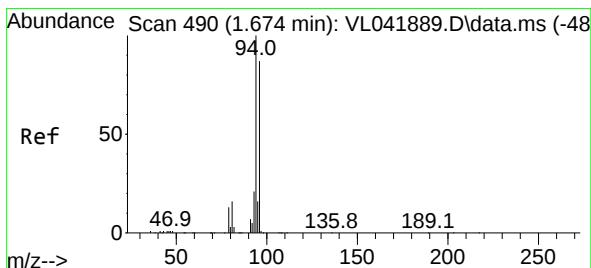
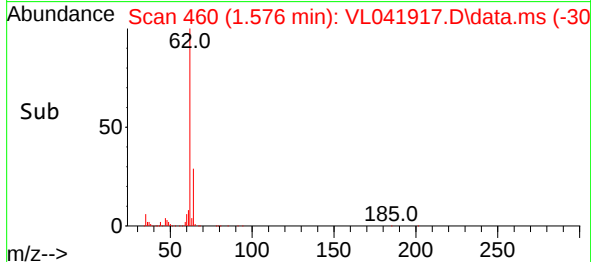
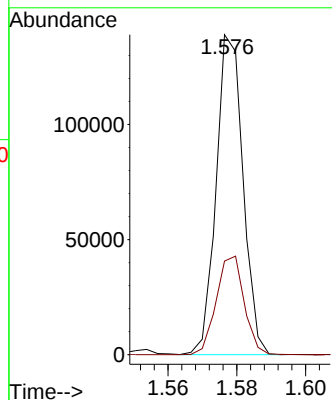
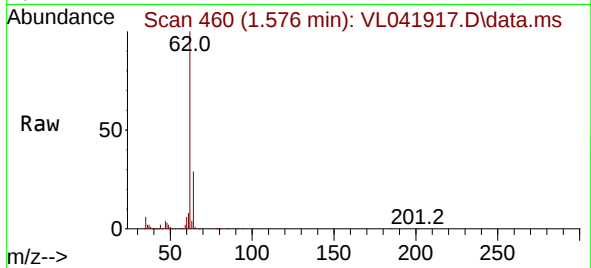




#5
 Vinyl Chloride
 Concen: 10.262 ppbv
 RT: 1.576 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

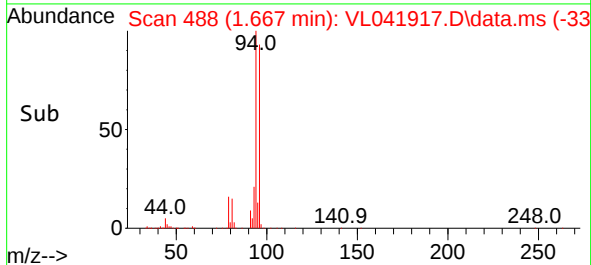
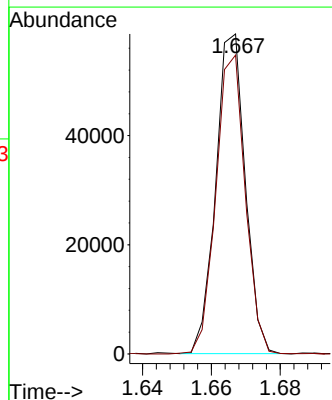
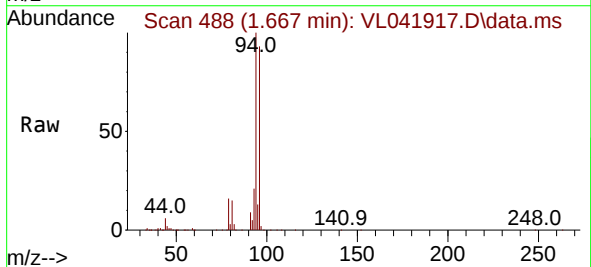
Instrument :
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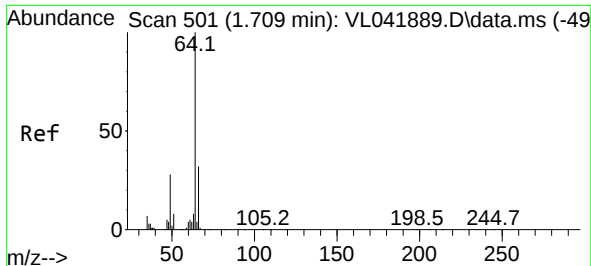
Tgt Ion: 62 Resp: 75435
 Ion Ratio Lower Upper
 62 100
 64 29.2 26.1 39.1



#6
 Bromomethane
 Concen: 9.958 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Tgt Ion: 94 Resp: 34889
 Ion Ratio Lower Upper
 94 100
 96 93.4 69.5 104.3

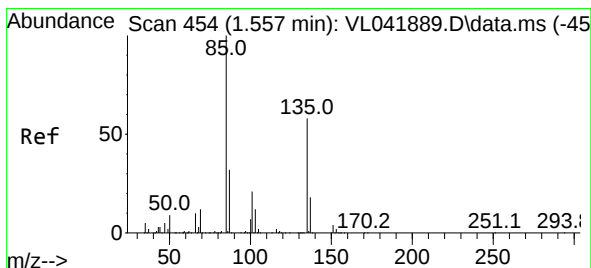
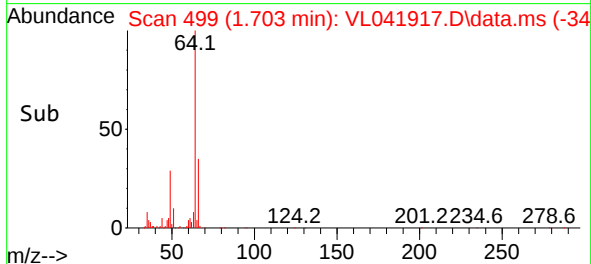
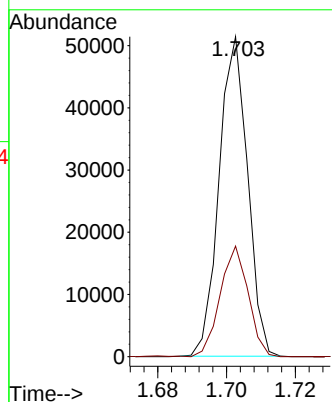
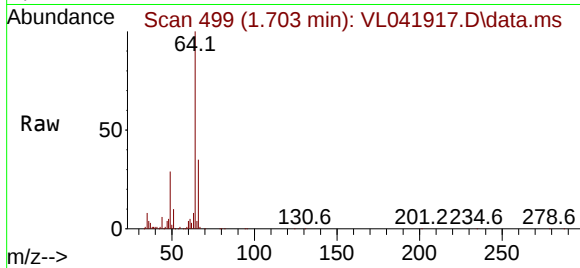




#7
Chloroethane
Concen: 10.330 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

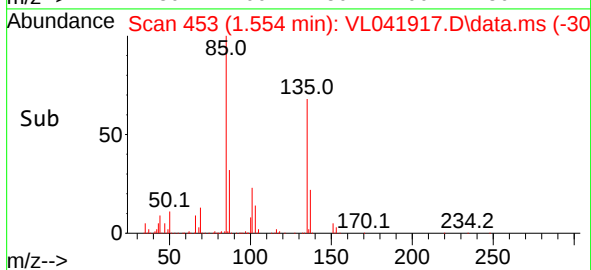
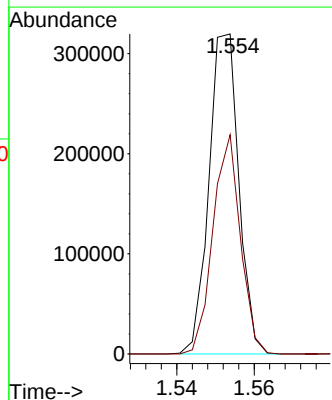
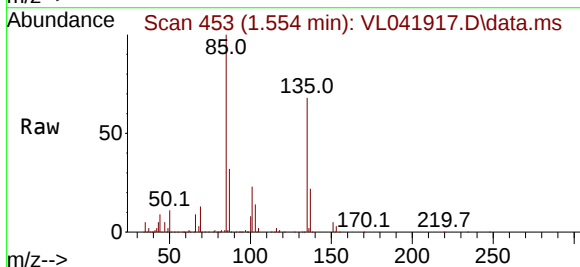
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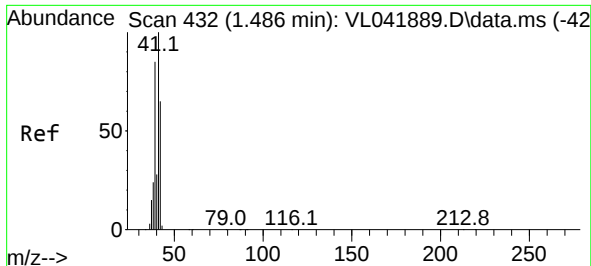
Tgt Ion: 64 Resp: 29546
Ion Ratio Lower Upper
64 100
66 34.6 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 10.156 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 85 Resp: 171284
Ion Ratio Lower Upper
85 100
135 62.9 50.0 75.0

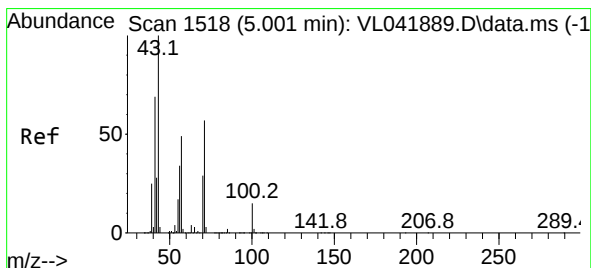
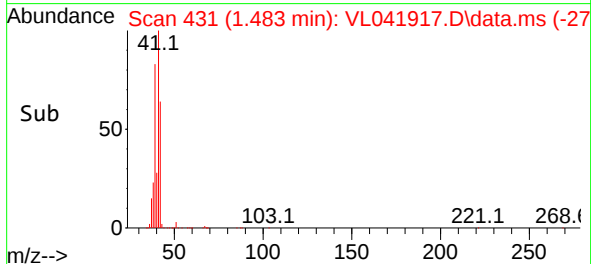
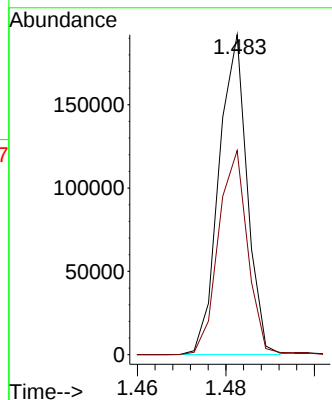
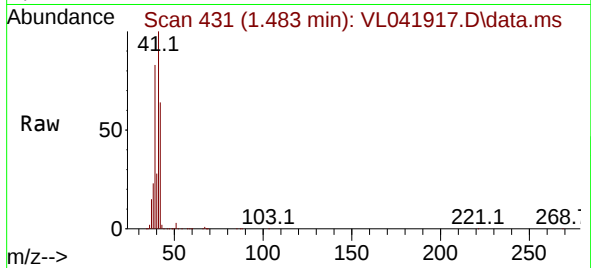




#9
 Propene
 Concen: 10.173 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

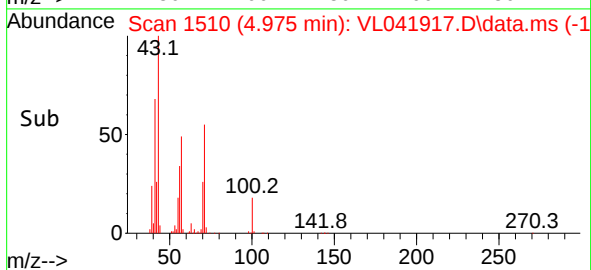
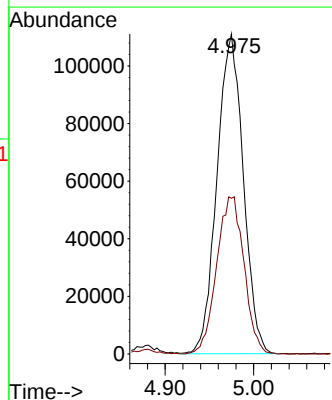
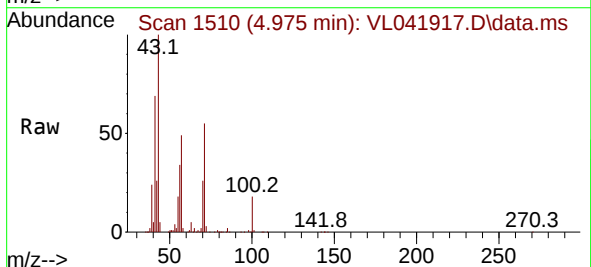
Instrument :
 MSVOA_L
 ClientSampleId :

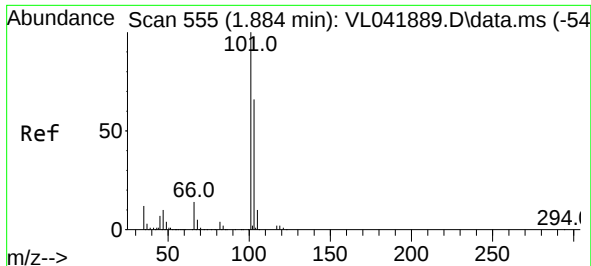
Tgt Ion: 41 Resp: 84715
 Ion Ratio Lower Upper
 41 100
 42 66.9 52.0 78.0



#10
 Heptane
 Concen: 10.294 ppbv
 RT: 4.975 min Scan# 1510
 Delta R.T. -0.026 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

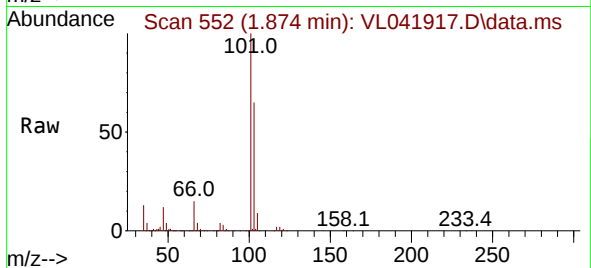
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 Ion Ratio Lower Upper
 43 100
 57 51.2 41.0 61.4



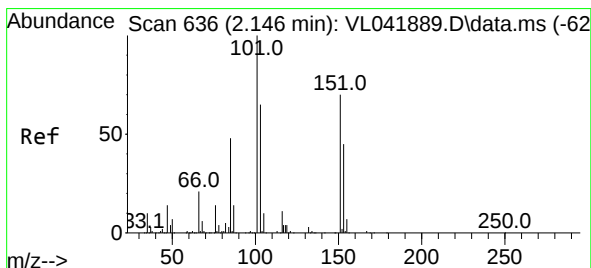
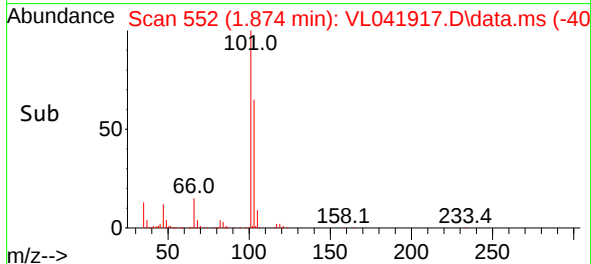
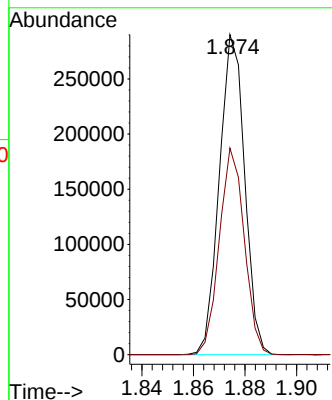


#11
 Trichlorofluoromethane
 Concen: 9.837 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.010 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Instrument :
 MSVOA_L
 ClientSampleId :

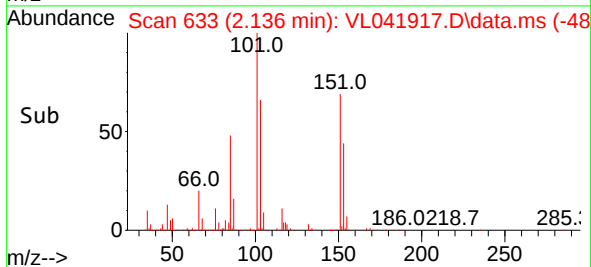
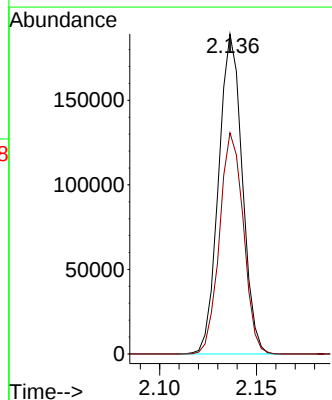
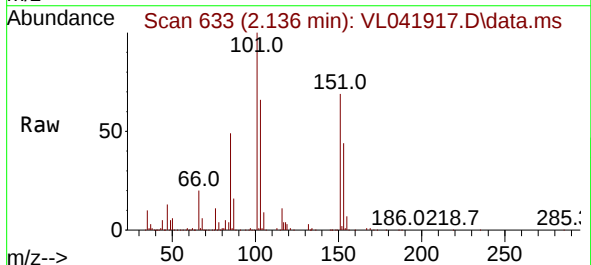


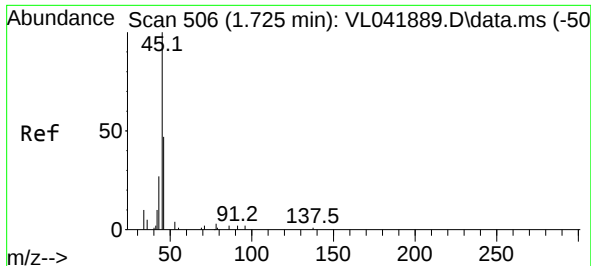
Tgt Ion:101 Resp: 197469
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.200 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.010 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Tgt Ion:101 Resp: 160467
 Ion Ratio Lower Upper
 101 100
 151 69.6 56.1 84.1

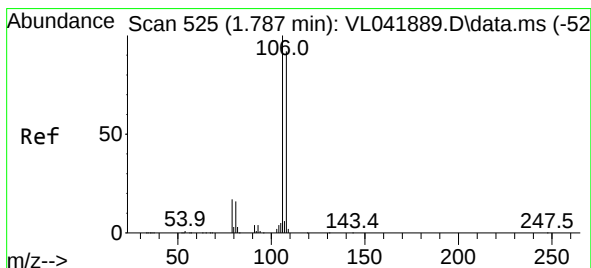
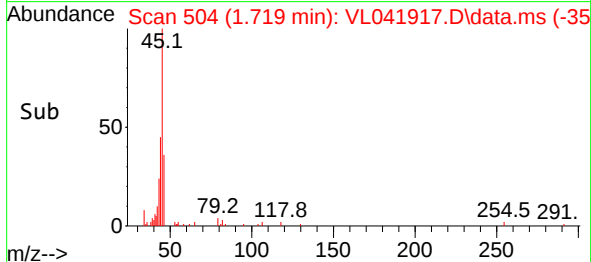
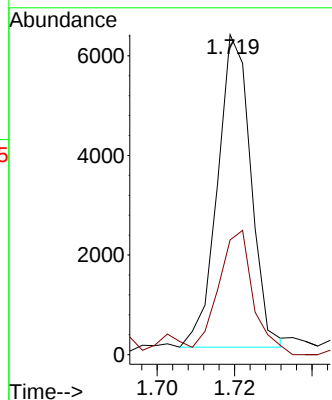
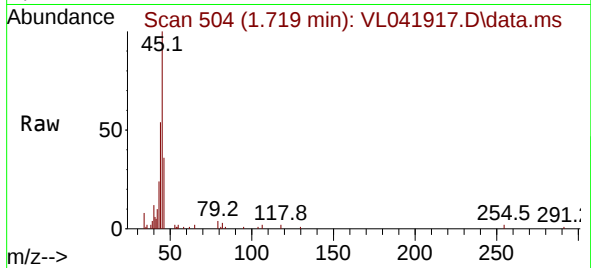




#13
Ethanol
Concen: 6.146 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

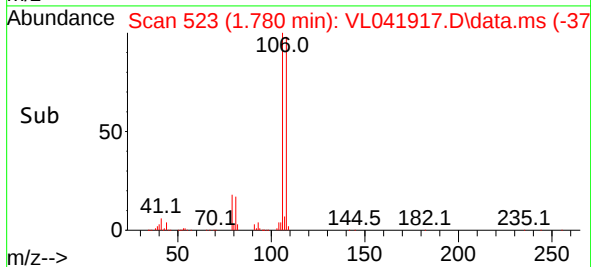
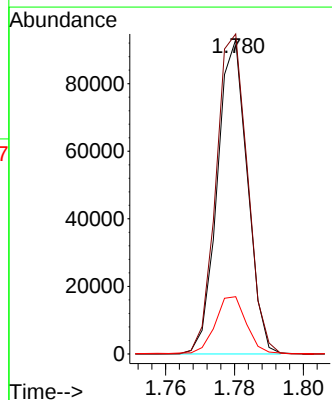
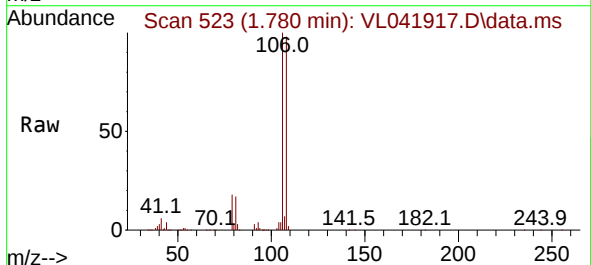
Instrument :
MSVOA_L
ClientSampleId :

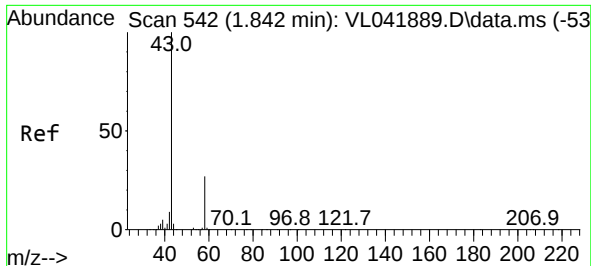
Tgt Ion: 45 Resp: 3749
Ion Ratio Lower Upper
45 100
46 49.5 18.1 72.5



#14
Bromoethene
Concen: 9.793 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion:108 Resp: 56412
Ion Ratio Lower Upper
108 100
106 106.6 85.5 128.3
79 20.0 15.3 22.9

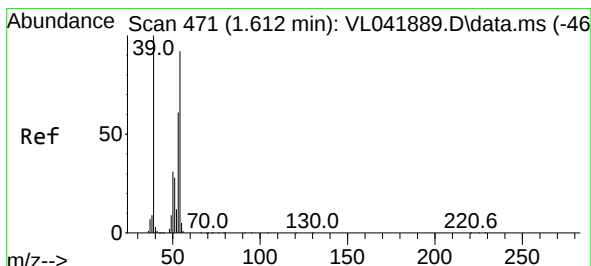
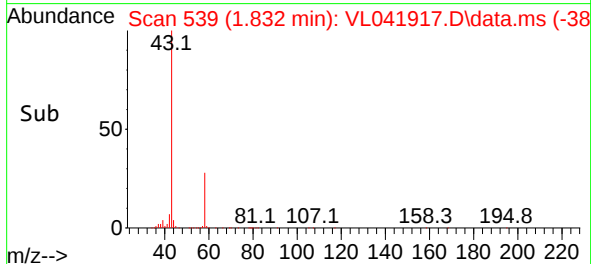
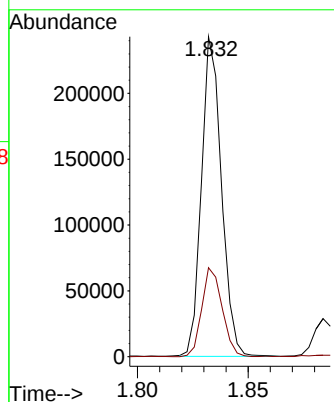
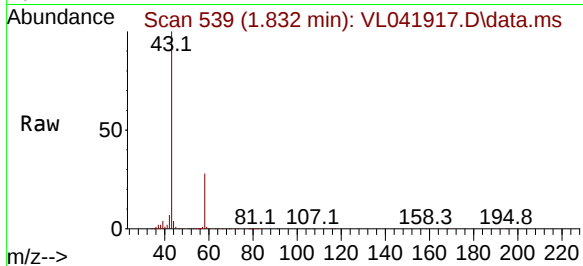




#15
Acetone
Concen: 8.996 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

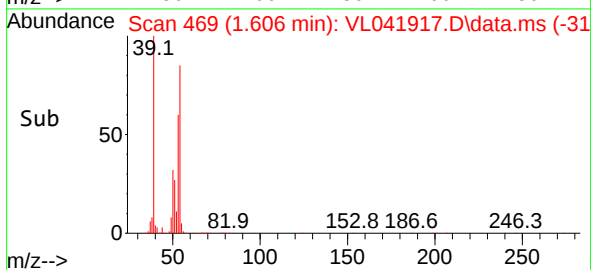
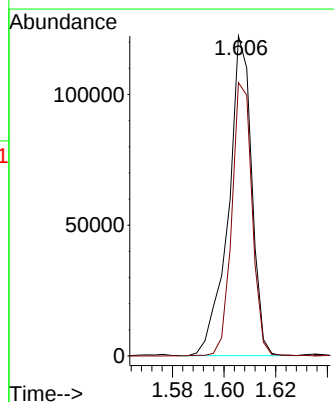
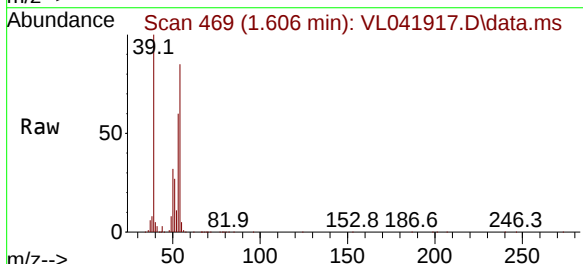
Instrument :
MSVOA_L
ClientSampleId :

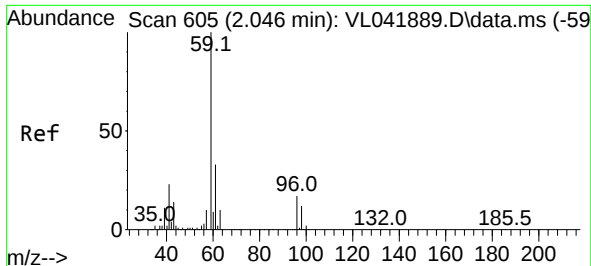
Tgt Ion: 43 Resp: 153081
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#16
1,3-Butadiene
Concen: 10.080 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.007 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 39 Resp: 76981
Ion Ratio Lower Upper
39 100
54 74.6 61.6 92.4

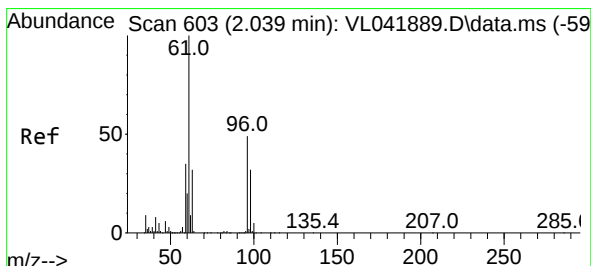
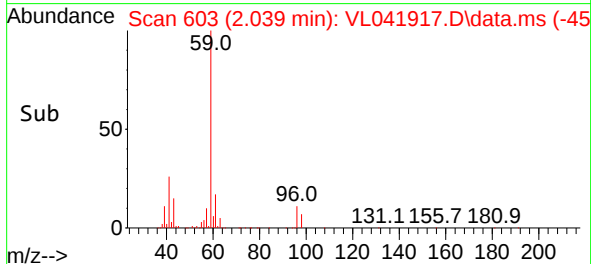
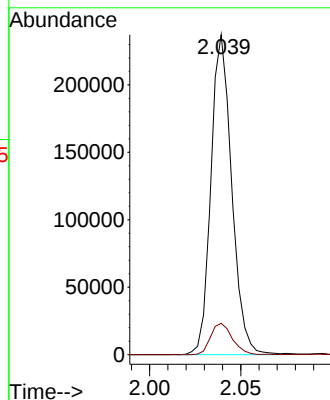
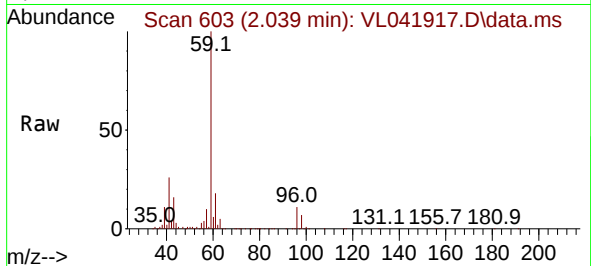




#17
tert-Butyl alcohol
Concen: 8.998 ppbv
RT: 2.039 min Scan# 601
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

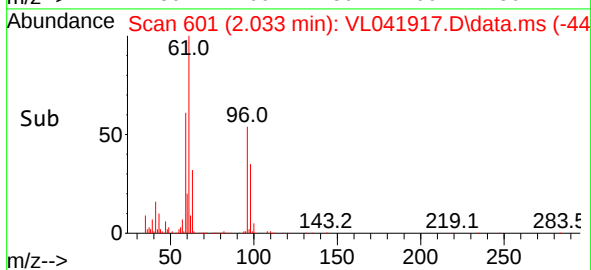
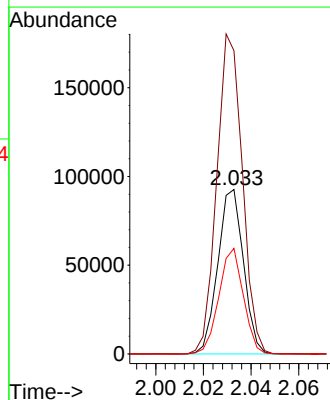
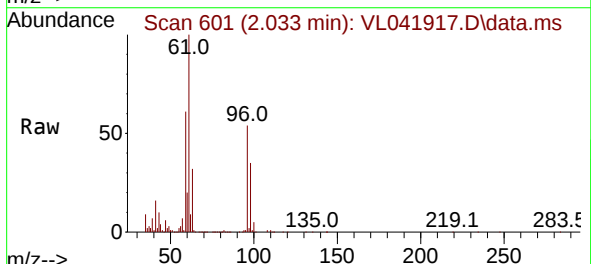
Instrument :
MSVOA_L
ClientSampleId :

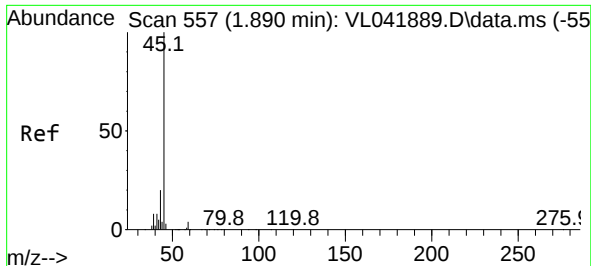
Tgt Ion: 59 Resp: 188440
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#18
1,1-Dichloroethene
Concen: 9.753 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.006 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 96 Resp: 69158
Ion Ratio Lower Upper
96 100
61 184.3 163.1 244.7
98 64.2 52.7 79.1





#19

Isopropyl Alcohol

Concen: 8.823 ppbv

RT: 1.884 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

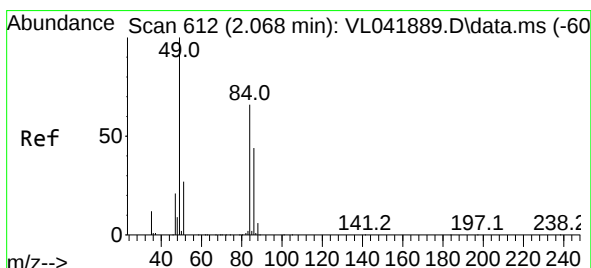
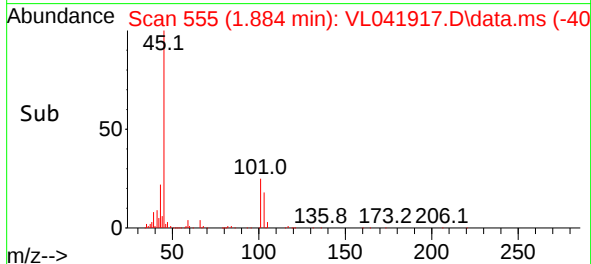
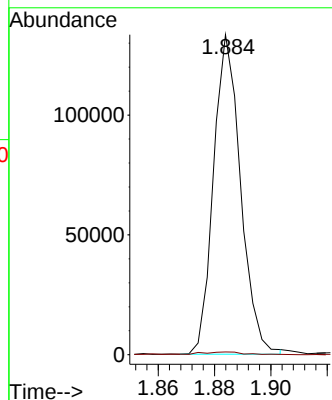
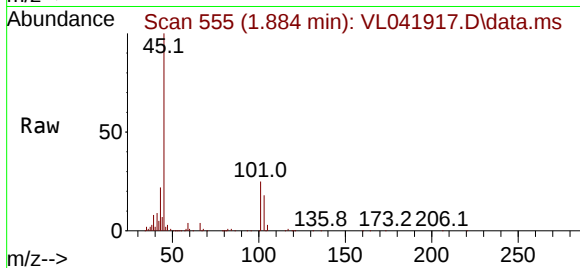
ClientSampleId :

Tgt Ion: 45 Resp: 89019

Ion Ratio Lower Upper

45 100

58 48.9 35.0 52.6



#20

Methylene Chloride

Concen: 8.557 ppbv

RT: 2.059 min Scan# 609

Delta R.T. -0.010 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Tgt Ion: 84 Resp: 57546

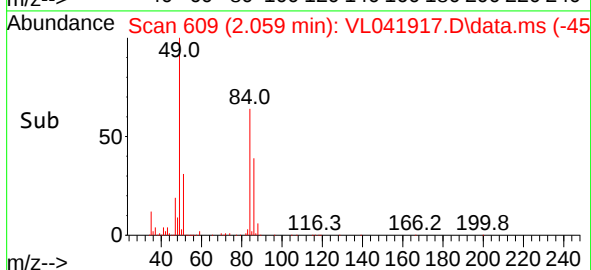
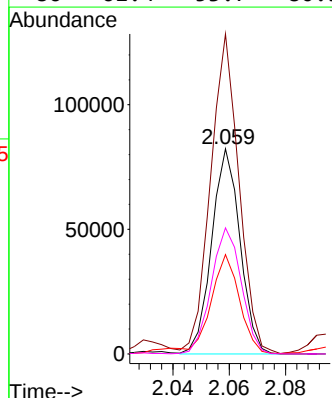
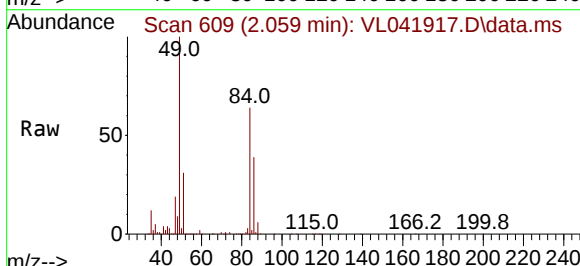
Ion Ratio Lower Upper

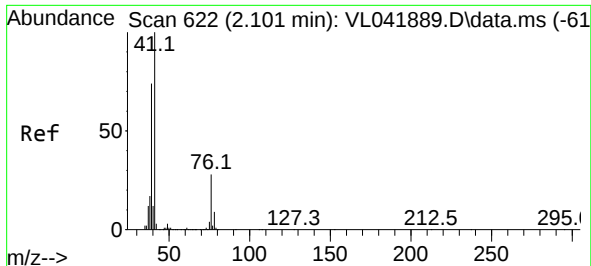
84 100

49 155.7 123.1 184.7

51 48.3 35.8 53.8

86 61.4 53.7 80.5

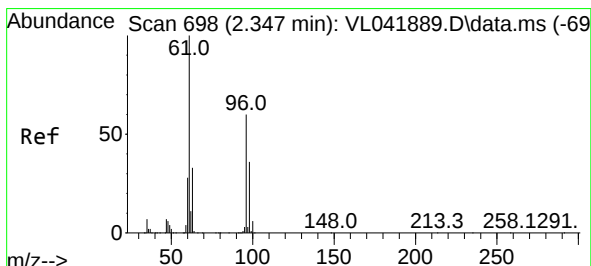
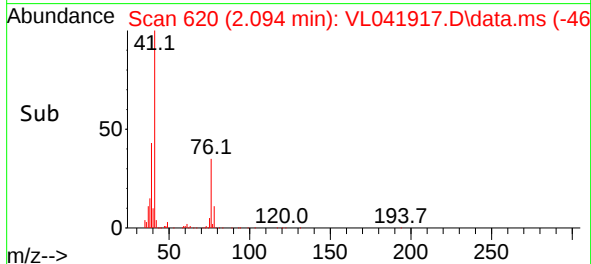
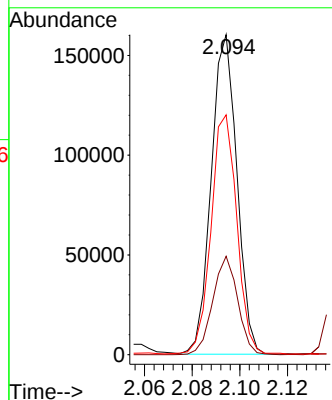
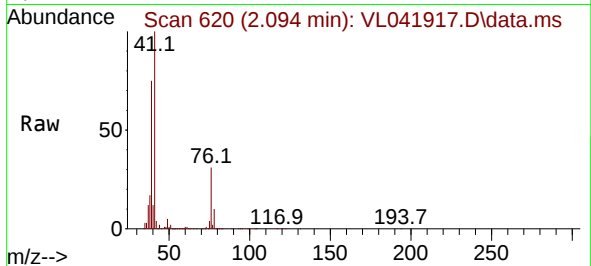




#21
 Allyl Chloride
 Concen: 10.181 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

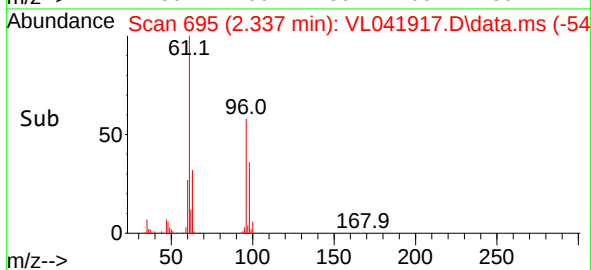
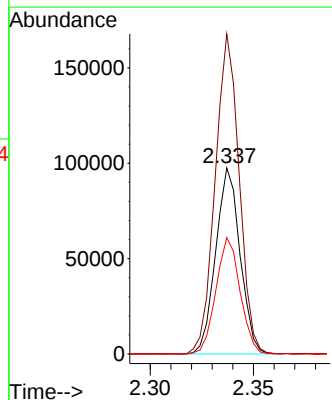
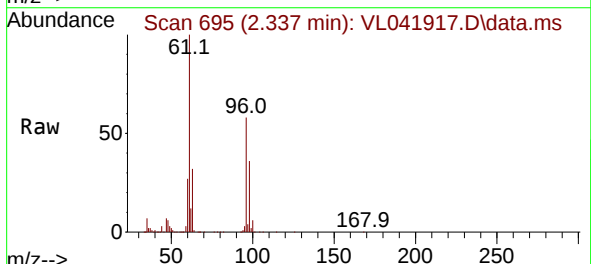
Instrument :
 MSVOA_L
 ClientSampleId :

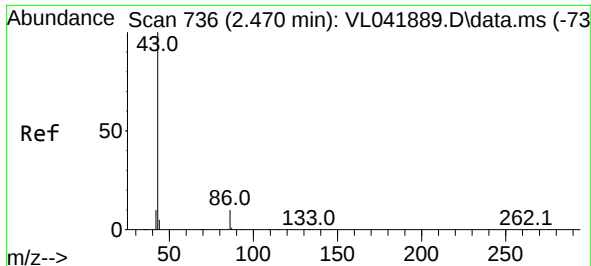
Tgt Ion: 41 Resp: 119961
 Ion Ratio Lower Upper
 41 100
 76 29.8 24.2 36.4
 39 75.0 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.975 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.010 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

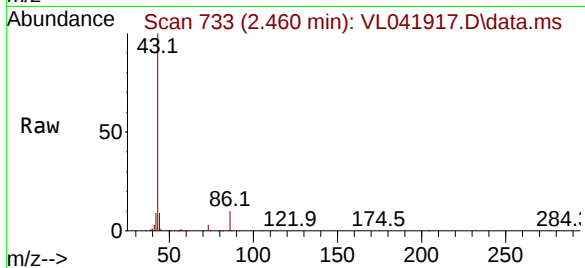
Tgt Ion: 96 Resp: 79830
 Ion Ratio Lower Upper
 96 100
 61 171.9 134.5 201.7
 98 62.5 48.9 73.3



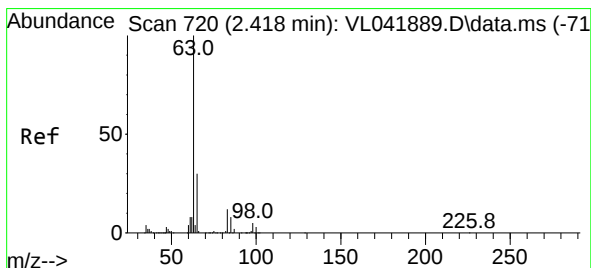
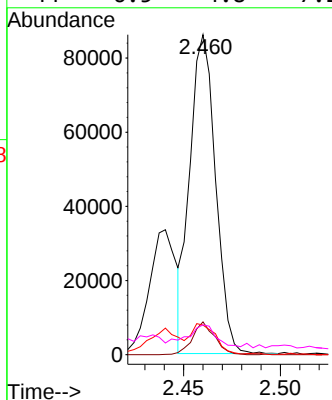
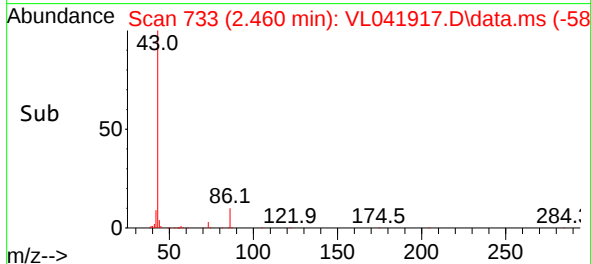


#23
 Vinyl Acetate
 Concen: 9.399 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.010 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

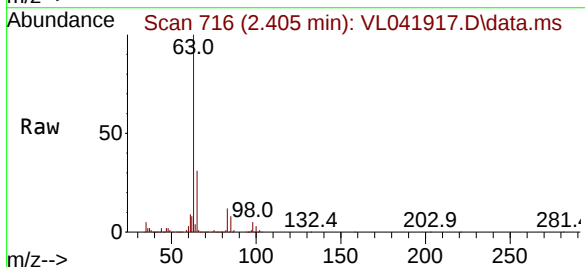
Instrument :
 MSVOA_L
 ClientSampleId :



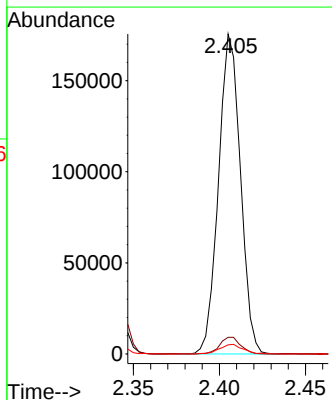
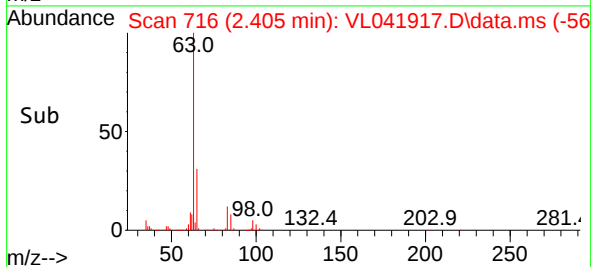
Tgt Ion:	43	Resp:	79276
Ion	Ratio	Lower	Upper
43	100		
86	10.3	6.2	9.4#
42	9.2	8.5	12.7
44	6.5	4.8	7.2

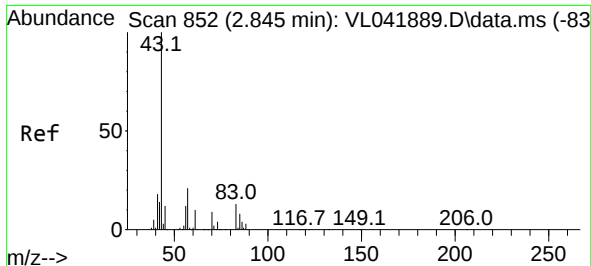


#24
 1,1-Dichloroethane
 Concen: 10.071 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25



Tgt Ion:	63	Resp:	155899
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.6	7.8
100	2.9	1.4	4.2



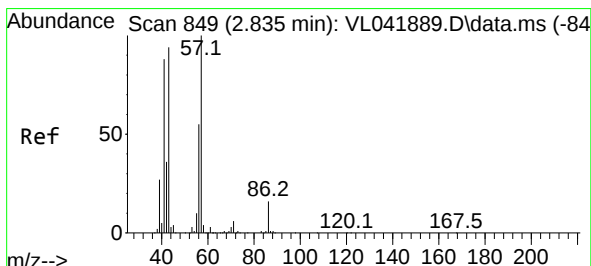
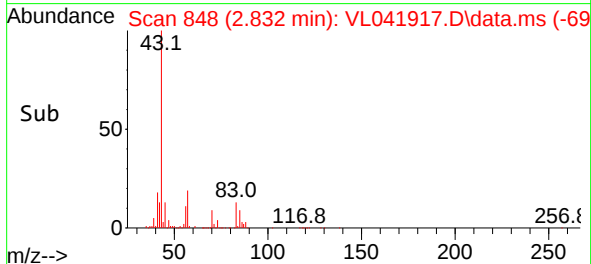
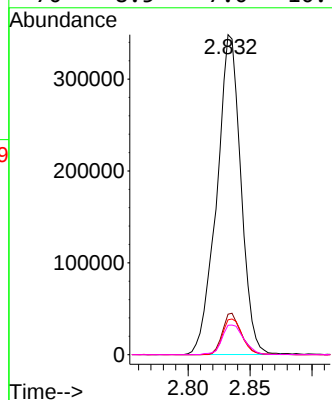
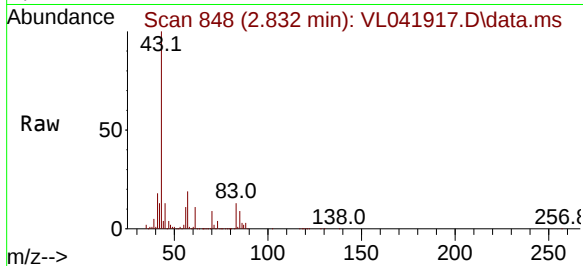


#25
Ethyl Acetate
Concen: 10.291 ppbv
RT: 2.832 min Scan# 844
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 472214

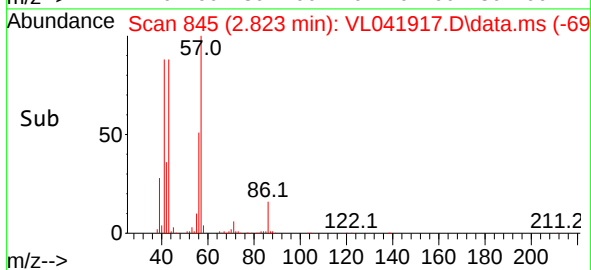
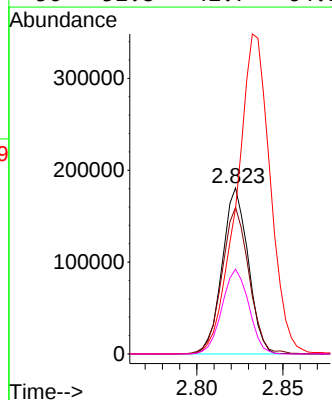
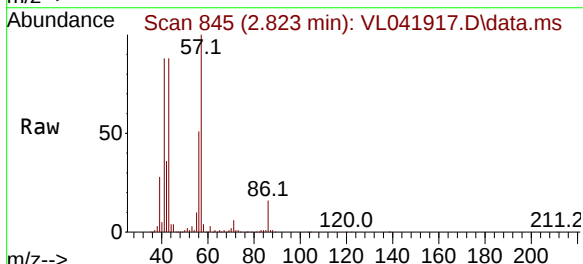
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.2	7.4	11.0
70	8.5	7.0	10.4

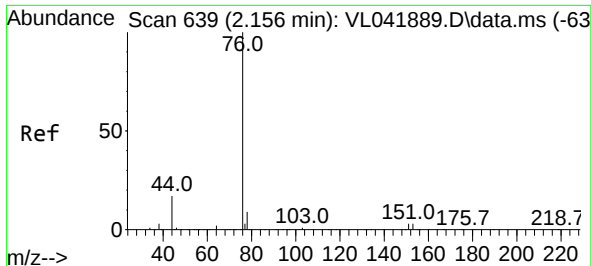


#26
Hexane
Concen: 10.441 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 57 Resp: 189473

Ion	Ratio	Lower	Upper
57	100		
41	92.9	73.8	110.8
43	250.2	197.3	295.9
56	52.8	42.7	64.1





#27

Carbon Disulfide

Concen: 10.679 ppbv

RT: 2.146 min Scan# 61

Delta R.T. -0.010 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

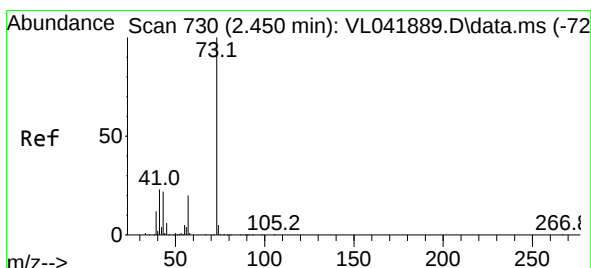
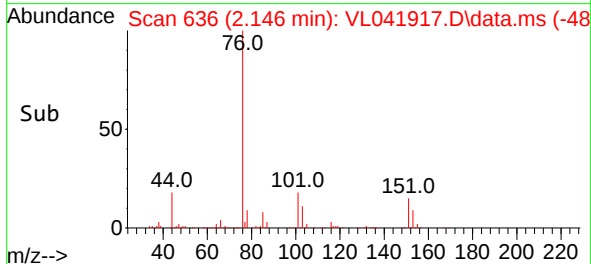
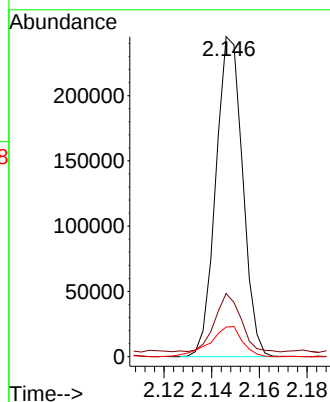
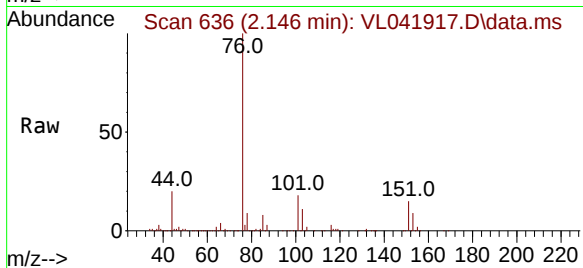
Tgt Ion: 76 Resp: 191777

Ion Ratio Lower Upper

76 100

44 18.1 15.4 23.0

78 11.5 9.3 13.9



#28

Methyl tert-Butyl Ether

Concen: 9.690 ppbv

RT: 2.441 min Scan# 727

Delta R.T. -0.010 min

Lab File: VL041917.D

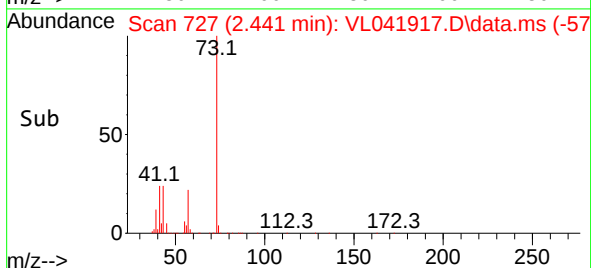
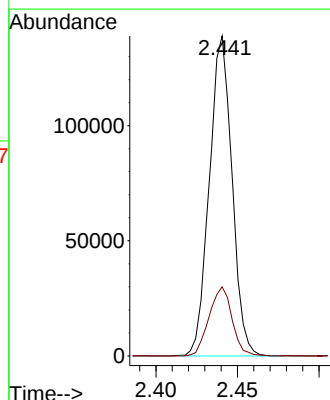
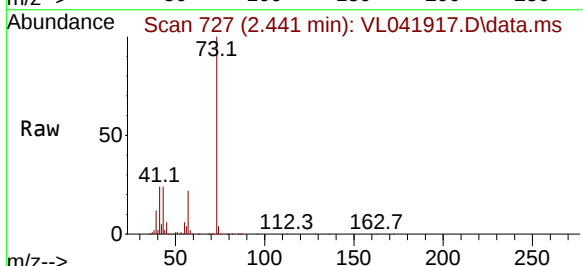
Acq: 20 Jan 2025 12:25

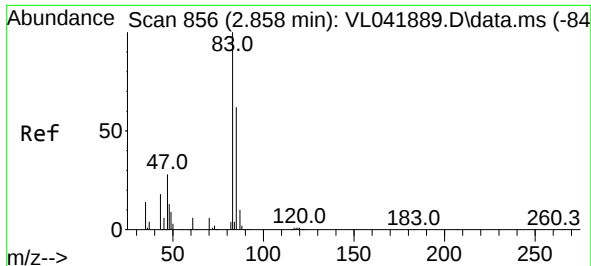
Tgt Ion: 73 Resp: 134406

Ion Ratio Lower Upper

73 100

57 22.0 18.1 27.1





#29

Chloroform

Concen: 10.243 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

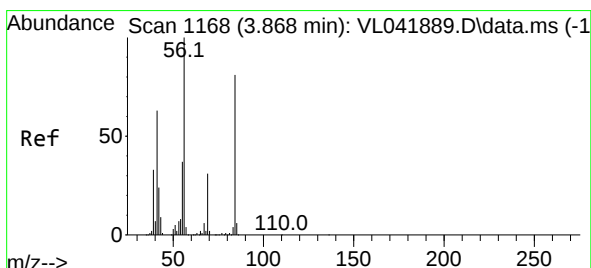
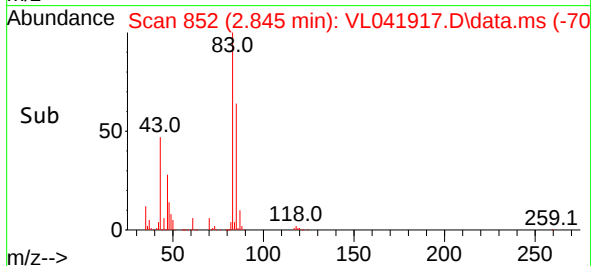
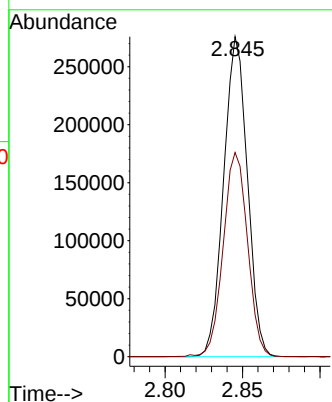
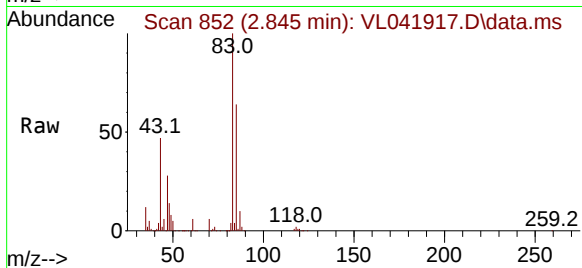
ClientSampleId :

Tgt Ion: 83 Resp: 293833

Ion Ratio Lower Upper

83 100

85 63.7 50.1 75.1



#30

Cyclohexane

Concen: 10.454 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.016 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

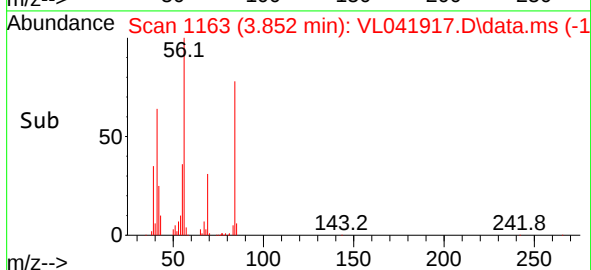
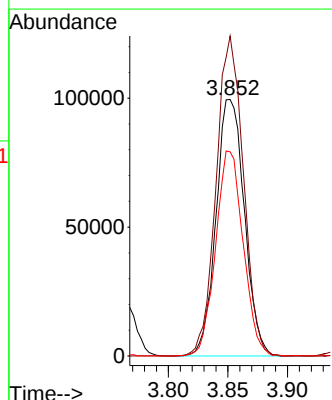
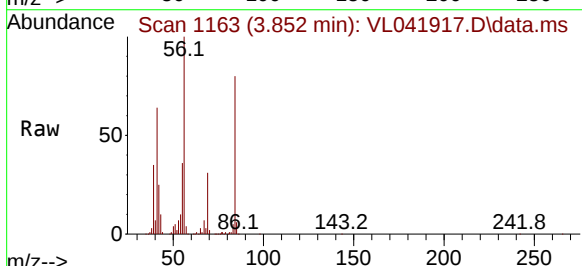
Tgt Ion: 84 Resp: 164556

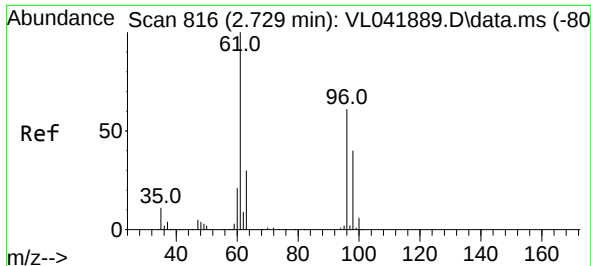
Ion Ratio Lower Upper

84 100

56 119.6 99.3 148.9

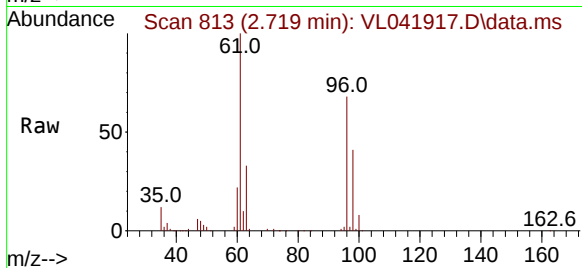
41 77.8 64.3 96.5





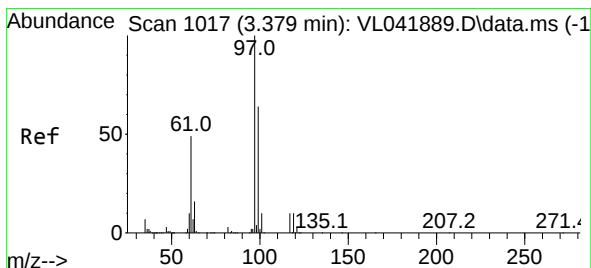
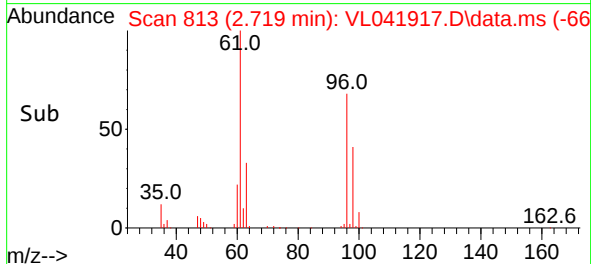
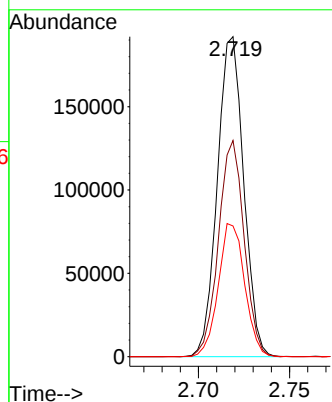
#31
 cis-1,2-Dichloroethene
 Concen: 10.118 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 193337

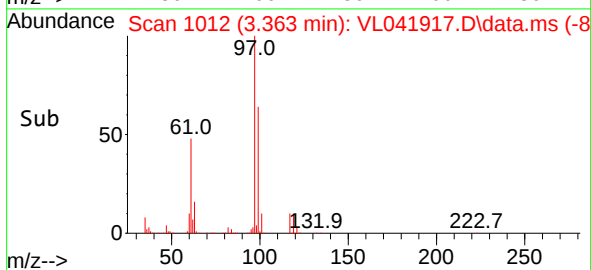
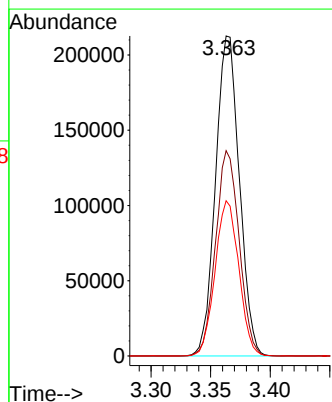
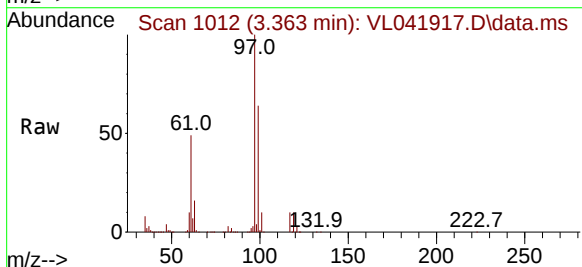
Ion	Ratio	Lower	Upper
61	100		
96	67.5	48.7	73.1
98	40.8	31.6	47.4

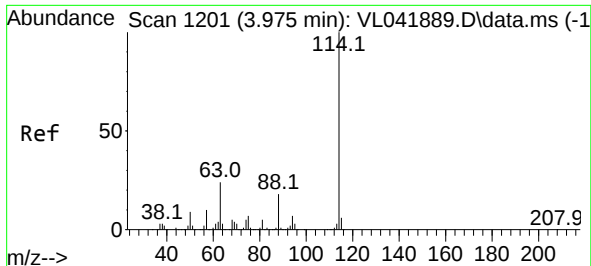


#32
 1,1,1-Trichloroethane
 Concen: 10.773 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.016 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Tgt Ion: 97 Resp: 295721

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.1	76.7
61	48.4	39.0	58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.019 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

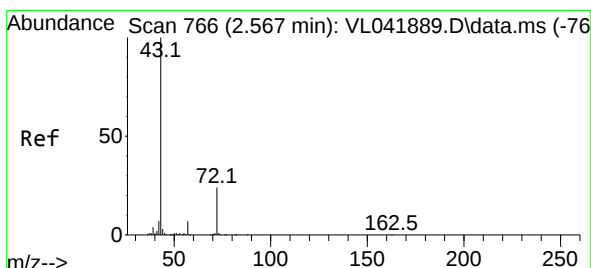
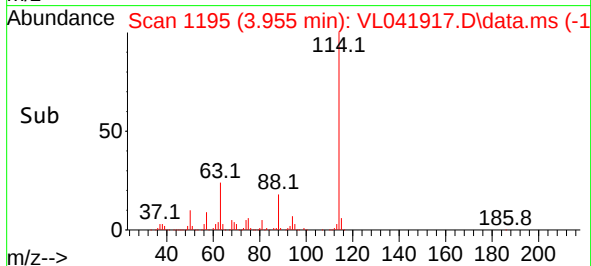
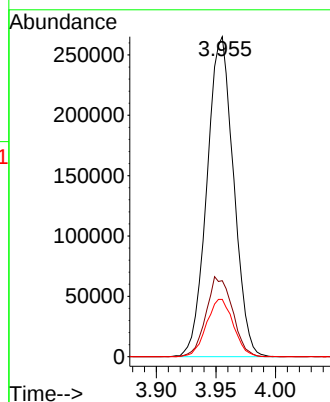
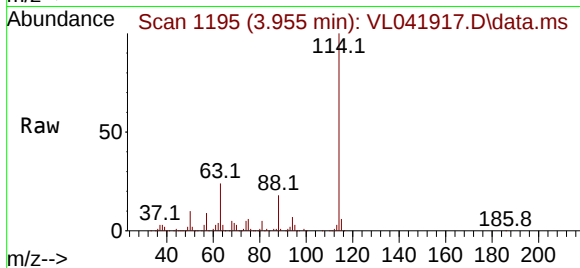
Tgt Ion:114 Resp: 411747

Ion Ratio Lower Upper

114 100

63 24.8 19.8 29.6

88 18.1 14.4 21.6



#34

2-Butanone

Concen: 10.656 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL041917.D

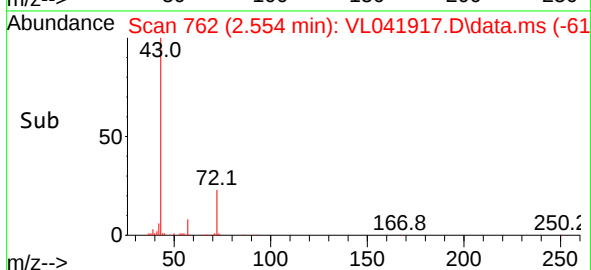
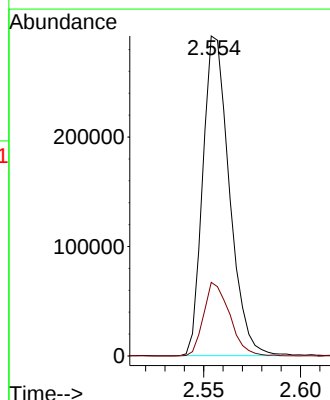
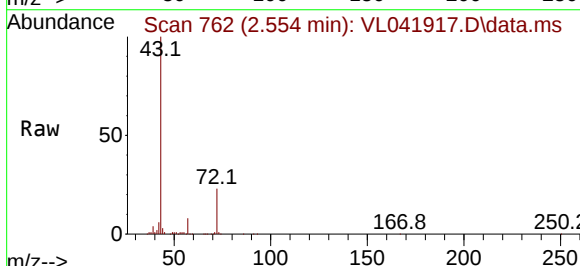
Acq: 20 Jan 2025 12:25

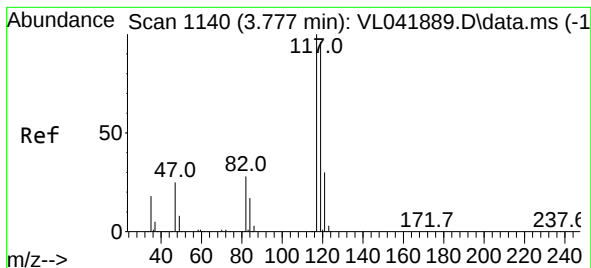
Tgt Ion: 43 Resp: 279040

Ion Ratio Lower Upper

43 100

72 22.7 18.6 28.0





#35

Carbon Tetrachloride

Concen: 11.497 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. -0.019 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

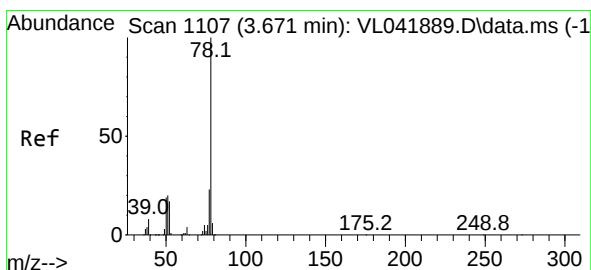
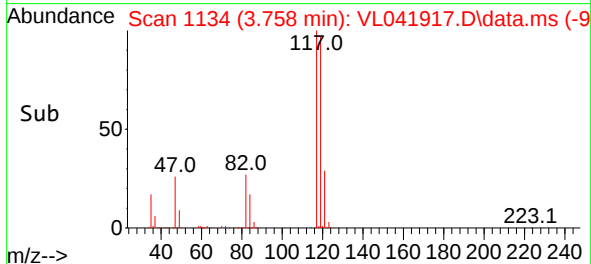
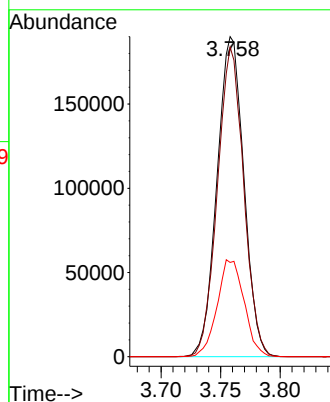
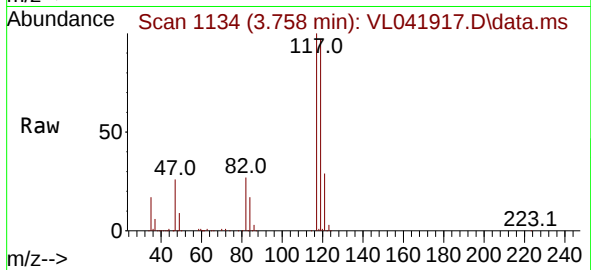
Tgt Ion:117 Resp: 297344

Ion Ratio Lower Upper

117 100

119 96.7 76.9 115.3

121 29.4 23.8 35.6



#36

Benzene

Concen: 10.353 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.019 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

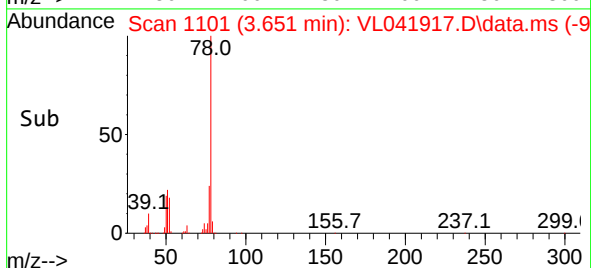
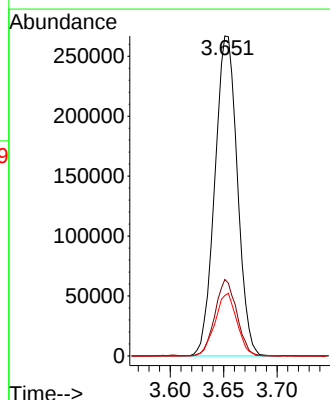
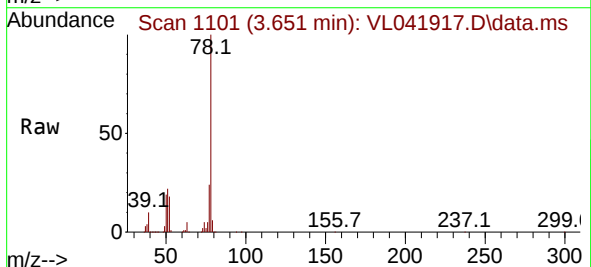
Tgt Ion: 78 Resp: 390961

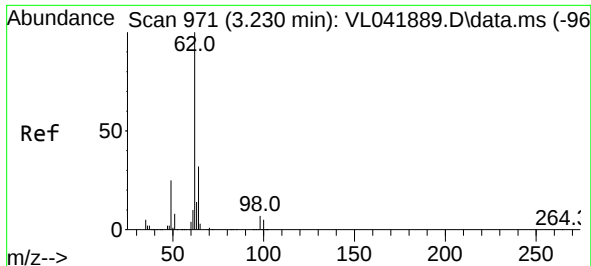
Ion Ratio Lower Upper

78 100

77 23.9 18.1 27.1

50 18.9 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.657 ppbv

RT: 3.214 min Scan# 91

Delta R.T. -0.016 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

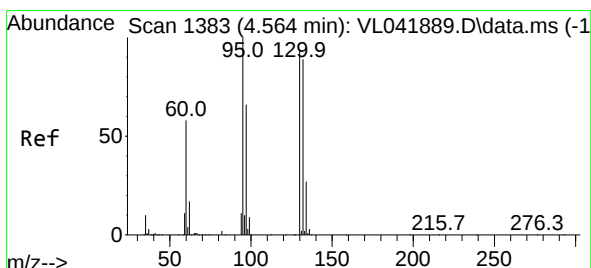
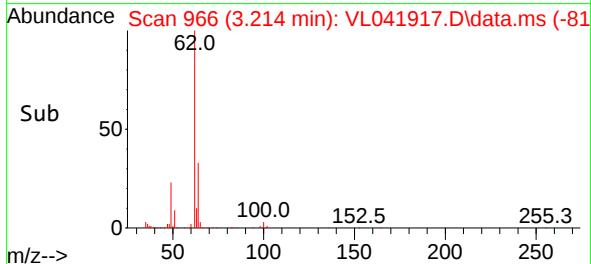
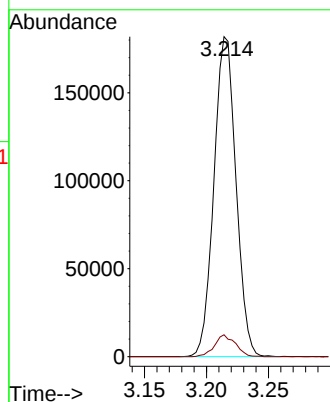
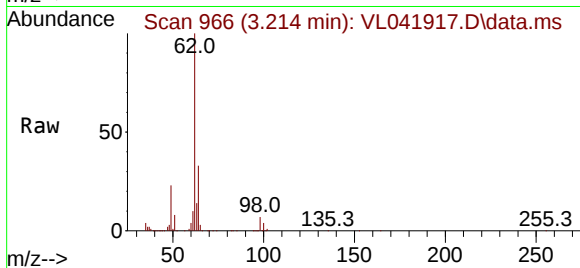
ClientSampleId :

Tgt Ion: 62 Resp: 226025

Ion Ratio Lower Upper

62 100

98 6.5 5.4 8.0



#38

Trichloroethene

Concen: 10.447 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.023 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Tgt Ion:130 Resp: 156566

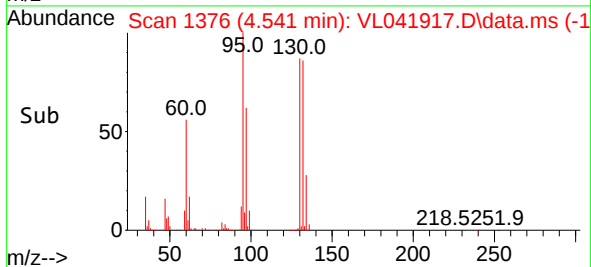
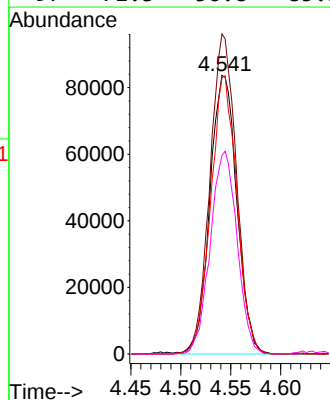
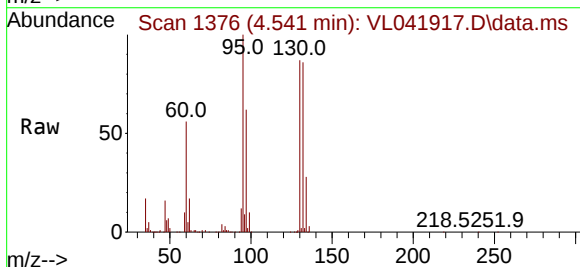
Ion Ratio Lower Upper

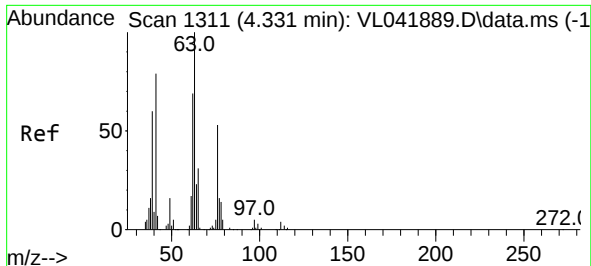
130 100

95 114.8 85.8 128.8

132 99.2 76.5 114.7

97 71.3 56.8 85.2





#39

1,2-Dichloropropane

Concen: 10.262 ppbv

RT: 4.308 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

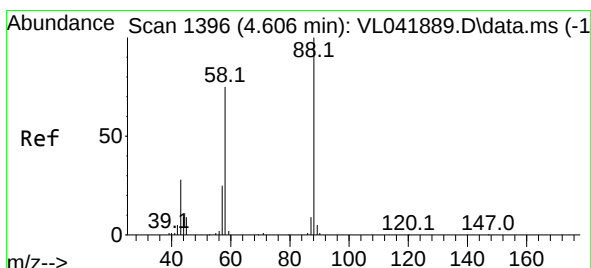
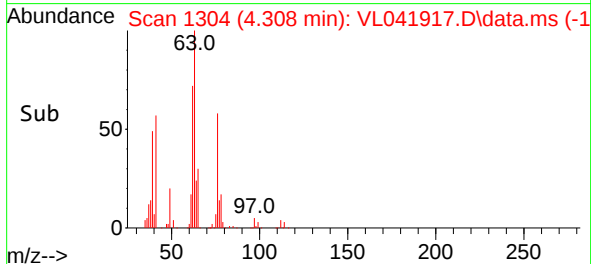
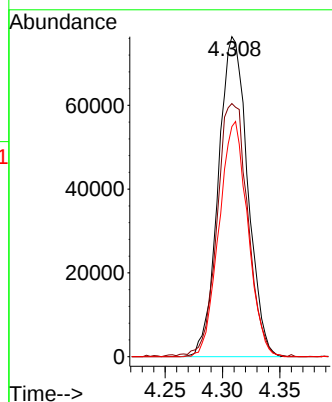
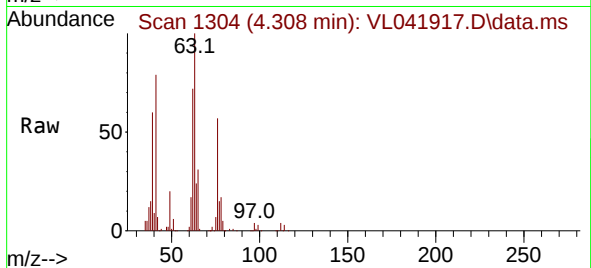
Tgt Ion: 63 Resp: 135938

Ion Ratio Lower Upper

63 100

41 78.5 63.7 95.5

62 71.9 55.4 83.2



#40

1,4-Dioxane

Concen: 9.370 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.026 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Tgt Ion: 88 Resp: 62682

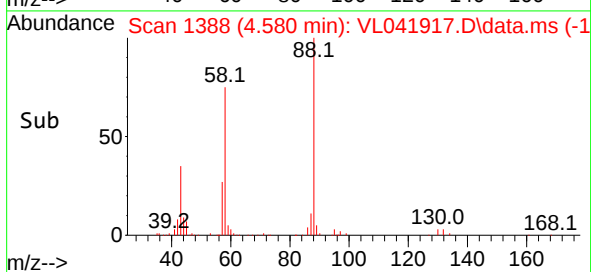
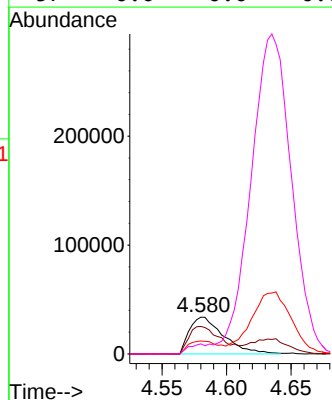
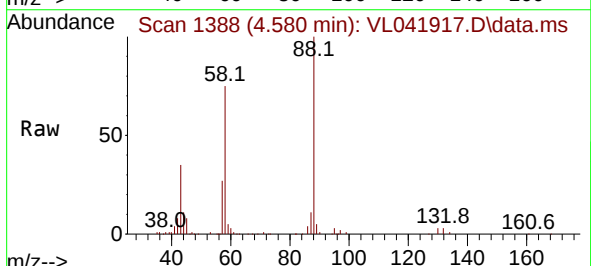
Ion Ratio Lower Upper

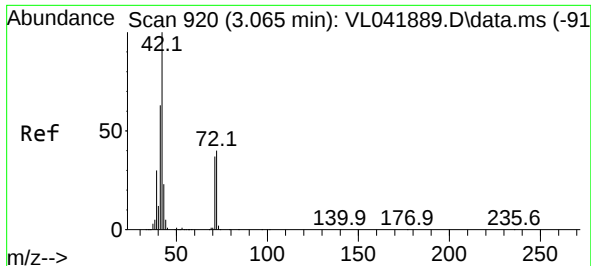
88 100

58 69.6 62.1 93.1

43 31.5 0.0 0.0#

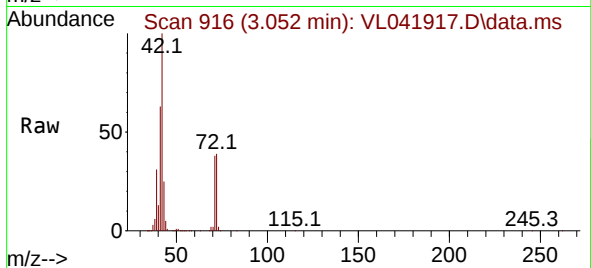
57 0.0 0.0 0.0



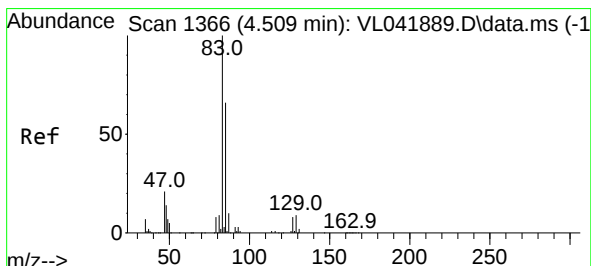
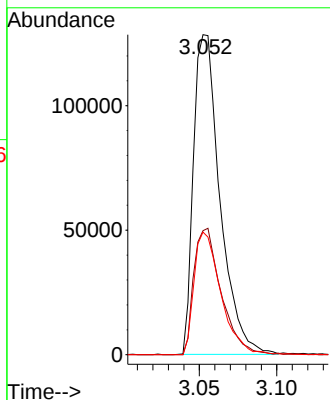
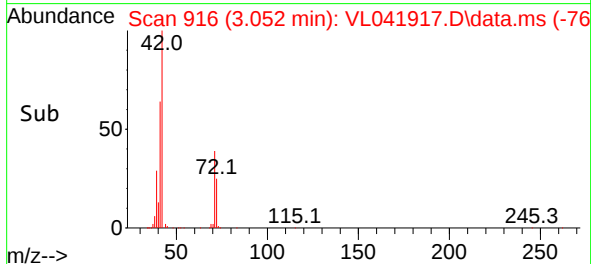


#41
Tetrahydrofuran
Concen: 10.752 ppbv
RT: 3.052 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

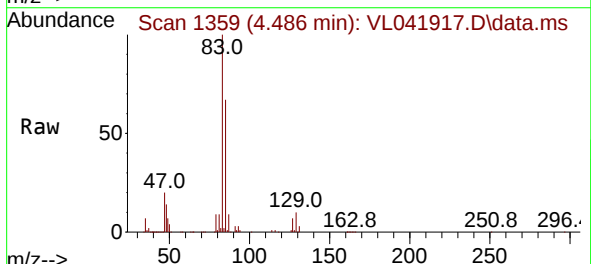
Instrument :
MSVOA_L
ClientSampleId :



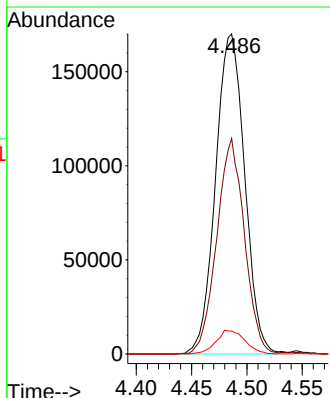
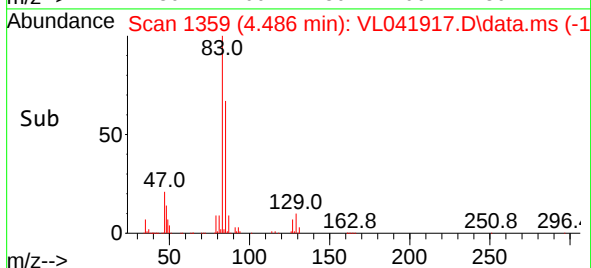
Tgt Ion: 42 Resp: 153011
Ion Ratio Lower Upper
42 100
72 40.9 32.3 48.5
71 38.8 29.9 44.9

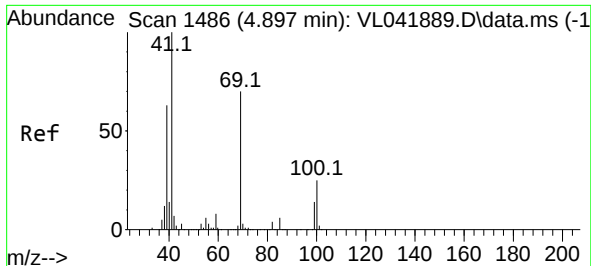


#42
Bromodichloromethane
Concen: 10.955 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.023 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25



Tgt Ion: 83 Resp: 311544
Ion Ratio Lower Upper
83 100
85 67.3 52.6 78.8
127 7.2 6.4 9.6





#43

Methyl Methacrylate

Concen: 10.417 ppbv

RT: 4.878 min Scan# 1486

Delta R.T. -0.019 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

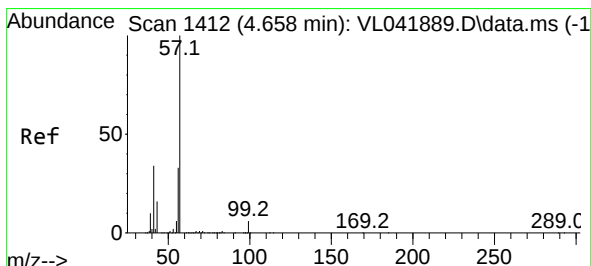
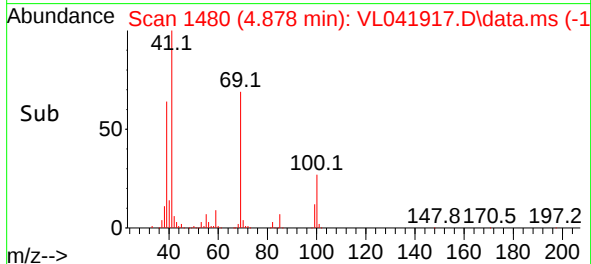
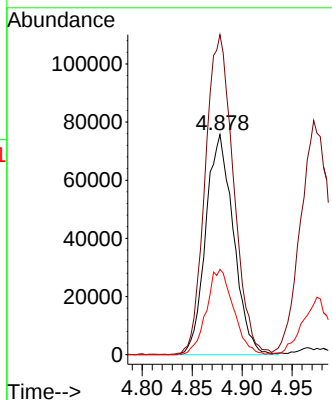
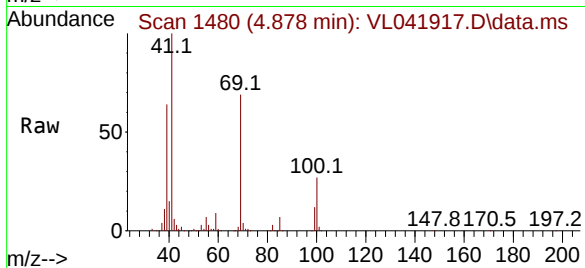
Tgt Ion: 69 Resp: 146142

Ion Ratio Lower Upper

69 100

41 148.5 118.6 177.8

100 37.9 29.3 43.9



#44

2,2,4-Trimethylpentane

Concen: 10.528 ppbv

RT: 4.635 min Scan# 1405

Delta R.T. -0.023 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

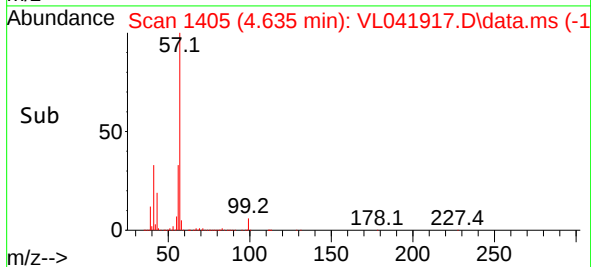
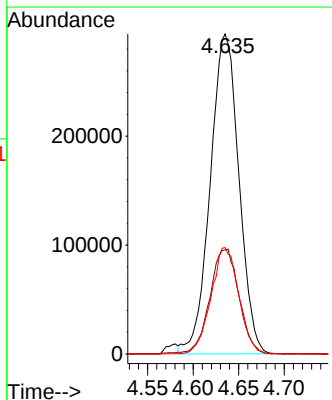
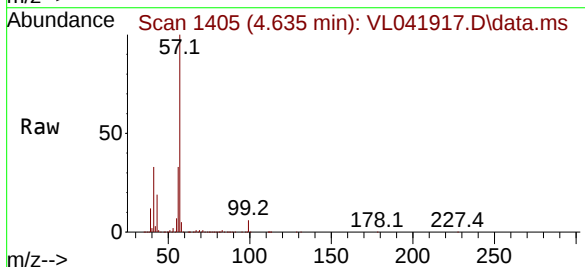
Tgt Ion: 57 Resp: 643085

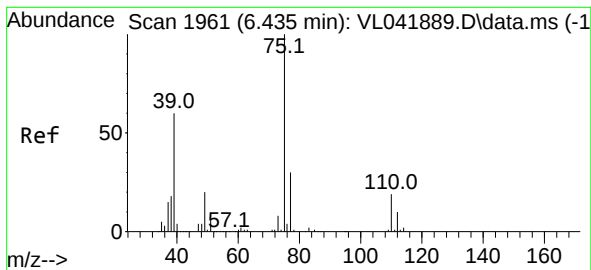
Ion Ratio Lower Upper

57 100

41 33.6 26.6 40.0

56 32.0 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 11.215 ppbv

RT: 6.409 min Scan# 1961

Delta R.T. -0.026 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_1

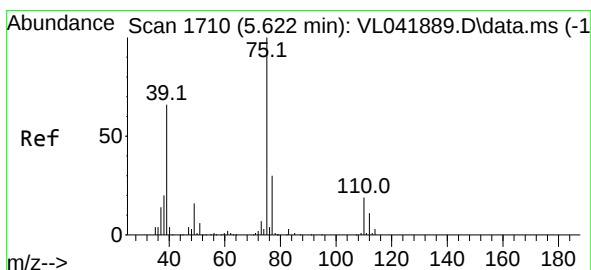
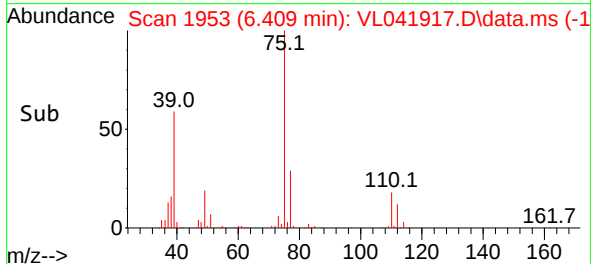
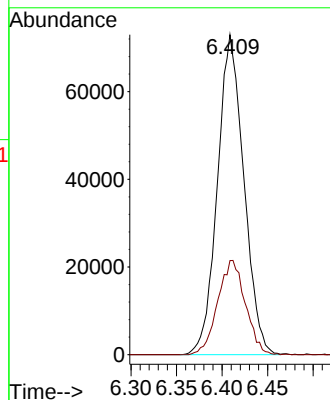
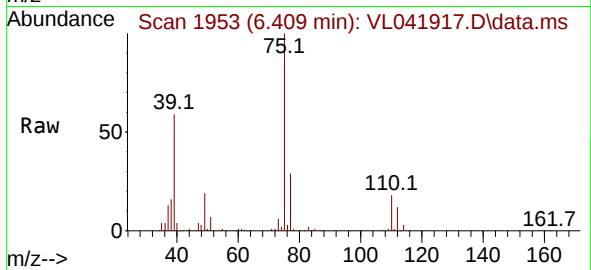
ClientSampleId :

Tgt Ion: 75 Resp: 147278

Ion Ratio Lower Upper

75 100

77 29.4 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 11.114 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.029 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

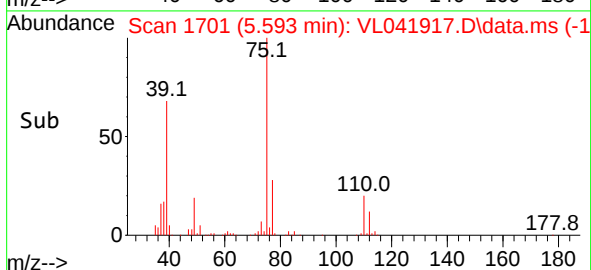
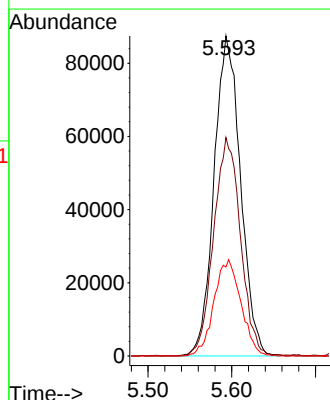
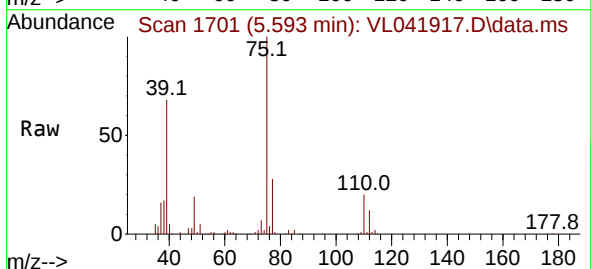
Tgt Ion: 75 Resp: 191623

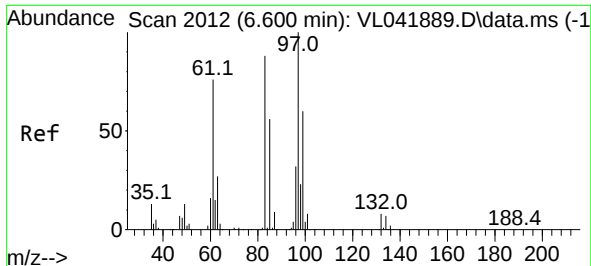
Ion Ratio Lower Upper

75 100

39 68.1 53.1 79.7

77 27.8 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 10.772 ppbv

RT: 6.577 min Scan# 2012

Delta R.T. -0.023 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 151234

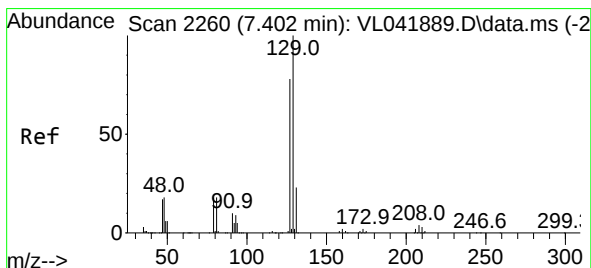
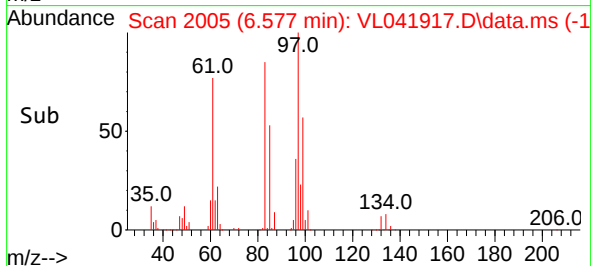
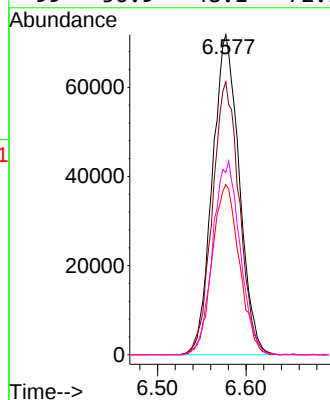
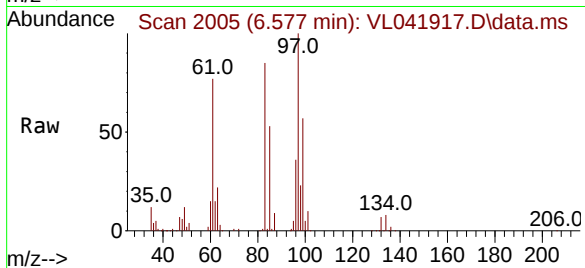
Ion Ratio Lower Upper

97 100

83 85.3 70.4 105.6

85 53.1 45.0 67.4

99 56.9 48.1 72.1



#48

Dibromochloromethane

Concen: 11.543 ppbv

RT: 7.383 min Scan# 2254

Delta R.T. -0.019 min

Lab File: VL041917.D

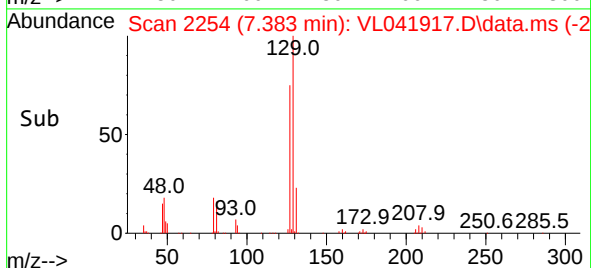
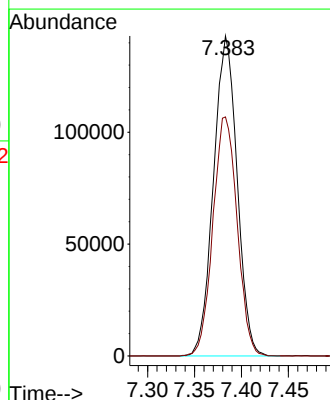
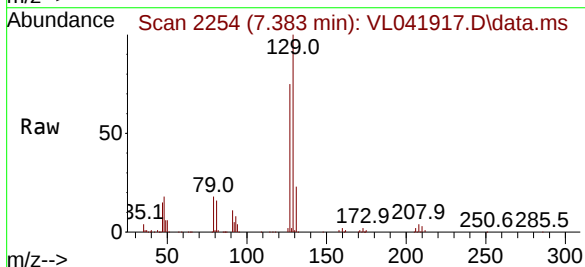
Acq: 20 Jan 2025 12:25

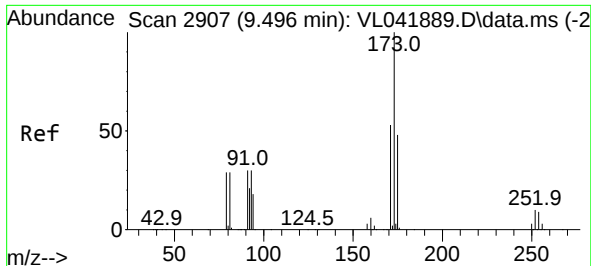
Tgt Ion: 129 Resp: 250059

Ion Ratio Lower Upper

129 100

127 76.6 39.3 117.8

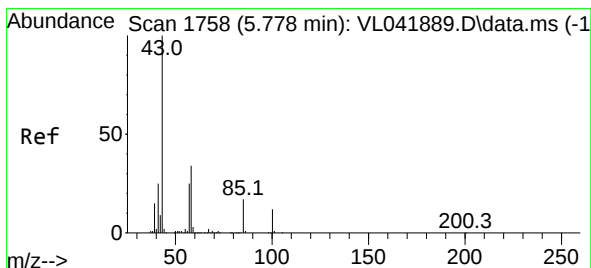
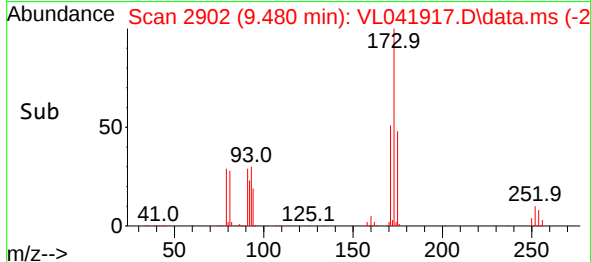
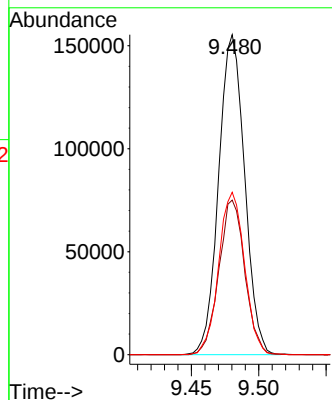
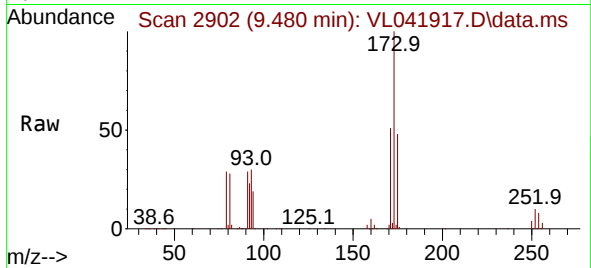




#49
Bromoform
Concen: 11.713 ppbv
RT: 9.480 min Scan# 2907
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

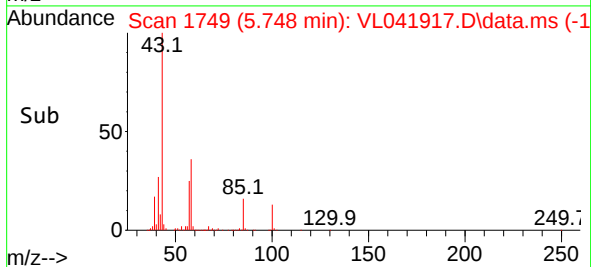
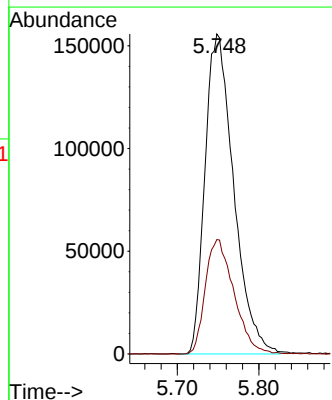
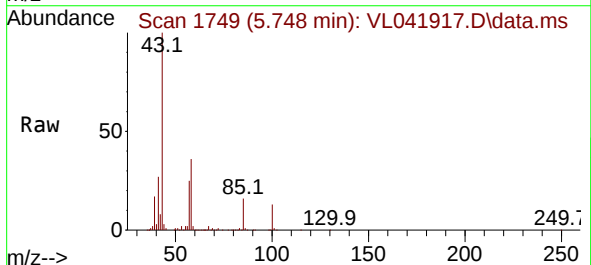
Instrument :
MSVOA_L
ClientSampleId :

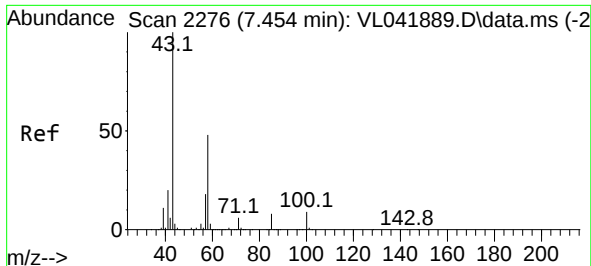
Tgt Ion:173 Resp: 208438
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
171 50.5 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 10.658 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. -0.029 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 43 Resp: 380994
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6

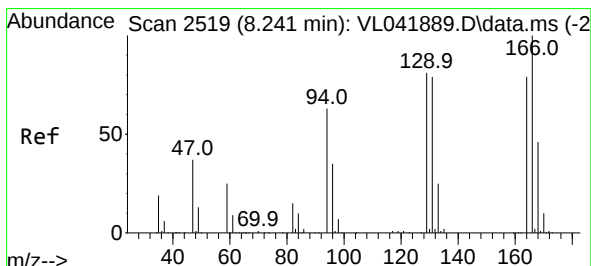
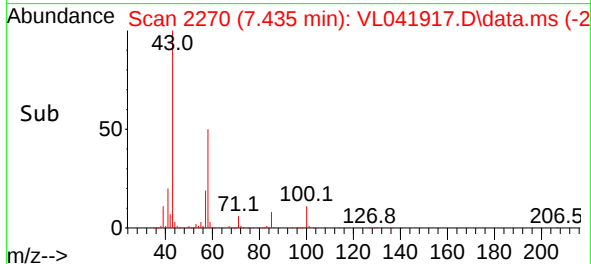
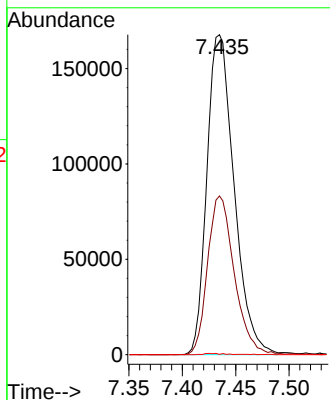
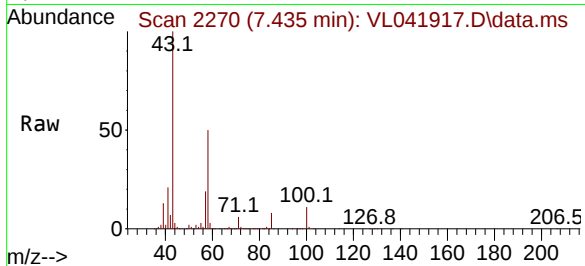




#51
2-Hexanone
Concen: 10.809 ppbv
RT: 7.435 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

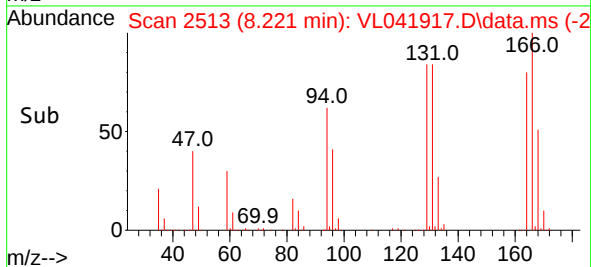
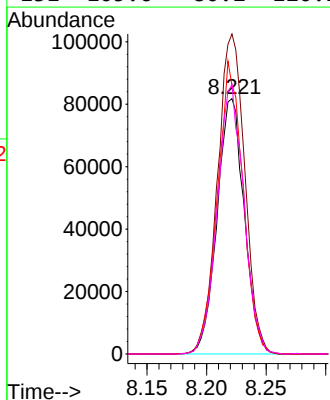
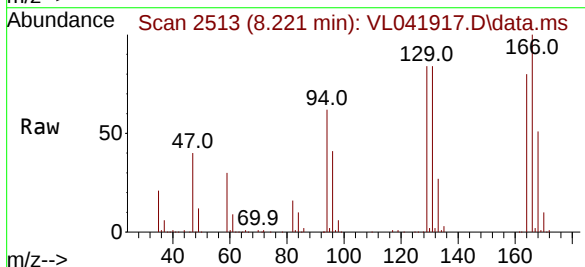
Instrument :
MSVOA_L
ClientSampleId :

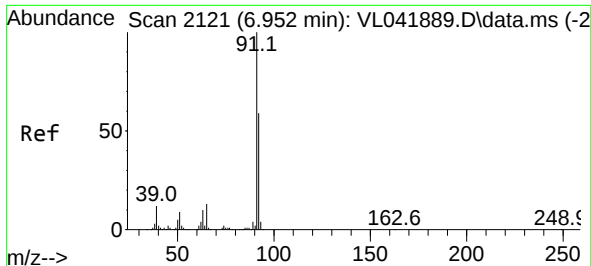
Tgt Ion: 43 Resp: 296893
Ion Ratio Lower Upper
43 100
58 48.9 40.4 60.6
98 0.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.846 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.019 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion:164 Resp: 128925
Ion Ratio Lower Upper
164 100
166 125.3 100.8 151.2
129 105.2 82.0 123.0
131 105.6 80.2 120.2

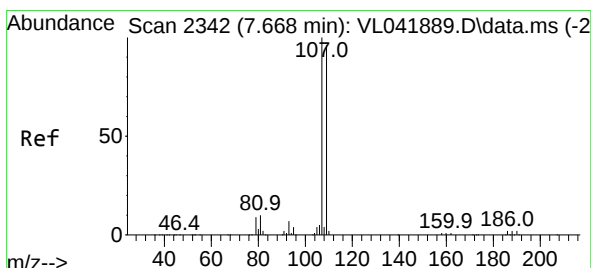
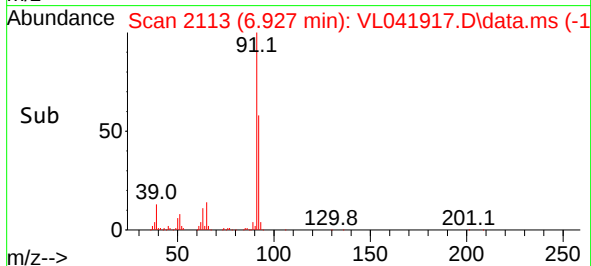
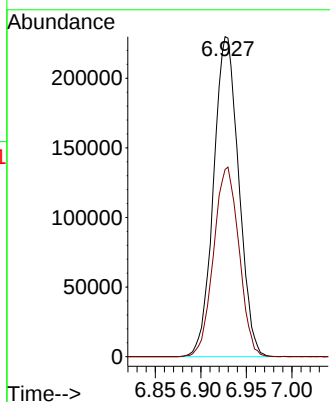
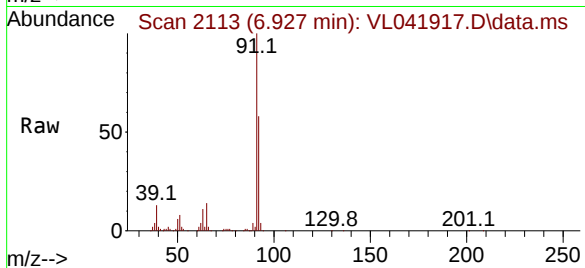




#53
Toluene
Concen: 10.732 ppbv
RT: 6.927 min Scan# 2121
Delta R.T. -0.026 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

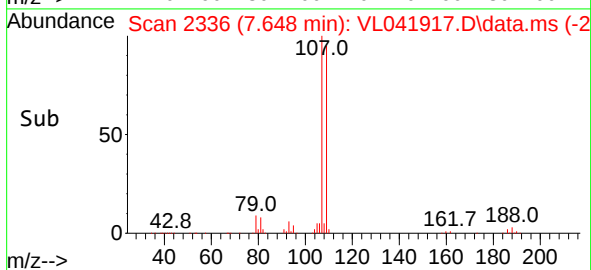
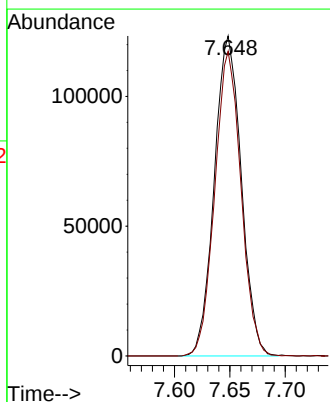
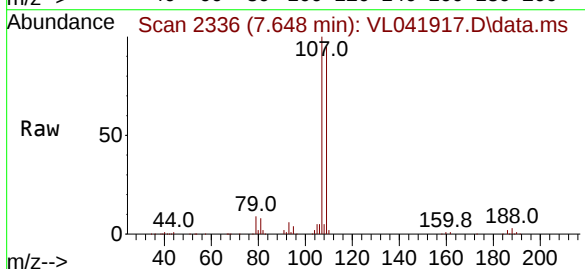
Instrument :
MSVOA_L
ClientSampleId :

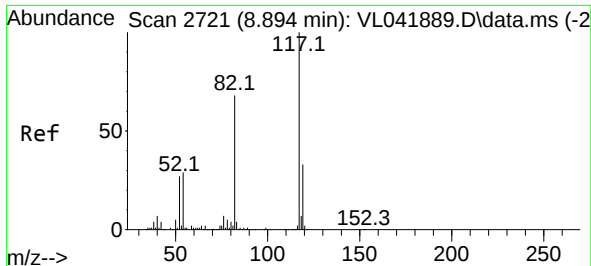
Tgt Ion: 91 Resp: 441480
Ion Ratio Lower Upper
91 100
92 59.8 47.4 71.0



#54
1,2-Dibromoethane
Concen: 10.811 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.019 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 107 Resp: 208665
Ion Ratio Lower Upper
107 100
109 95.2 76.7 115.1

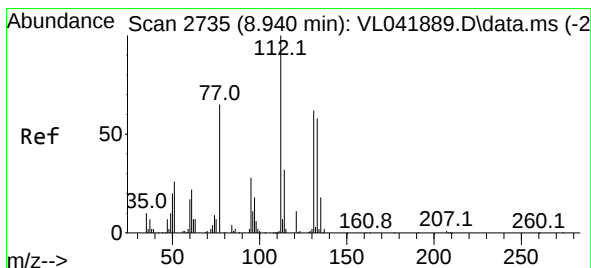
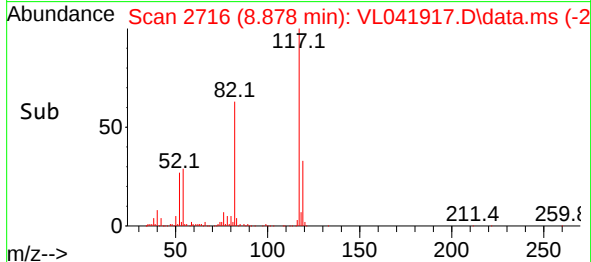
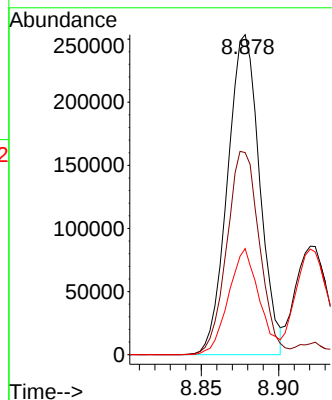
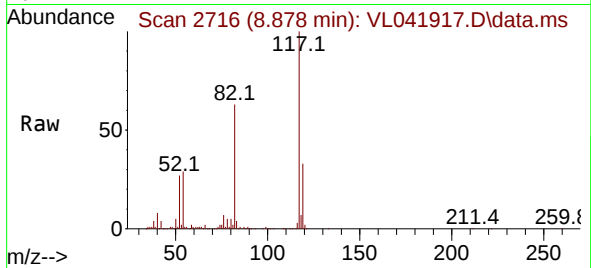




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

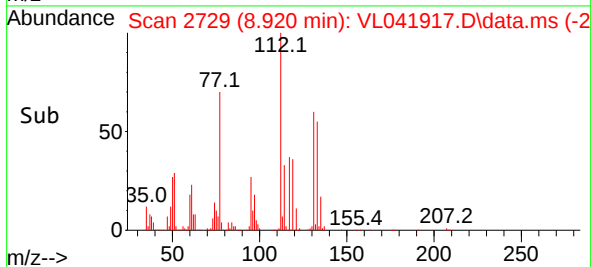
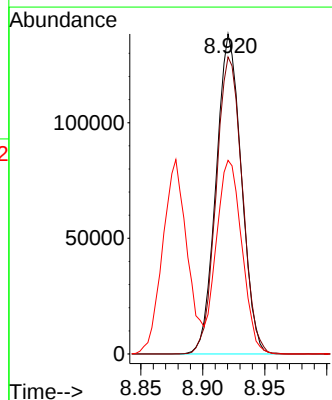
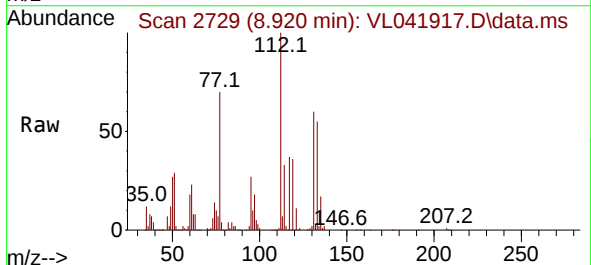
Instrument :
MSVOA_L
ClientSampleId :

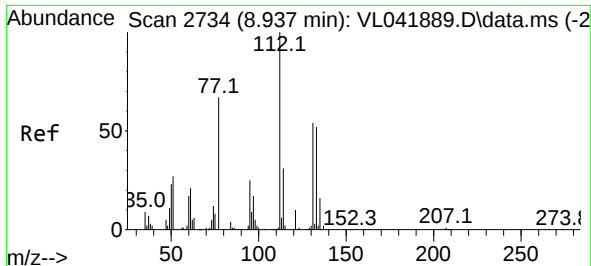
Tgt Ion:117 Resp: 366617
Ion Ratio Lower Upper
117 100
82 68.0 54.2 81.4
119 31.3 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 10.766 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.019 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion:131 Resp: 196915
Ion Ratio Lower Upper
131 100
133 95.7 76.0 114.0
119 60.9 49.7 74.5





#57

Chlorobenzene

Concen: 10.181 ppbv

RT: 8.917 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

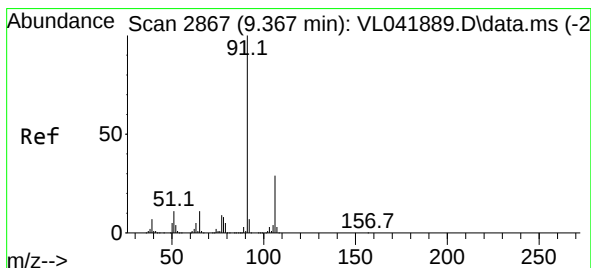
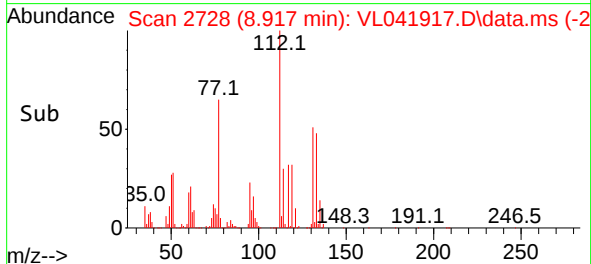
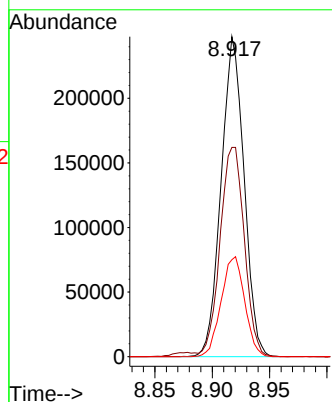
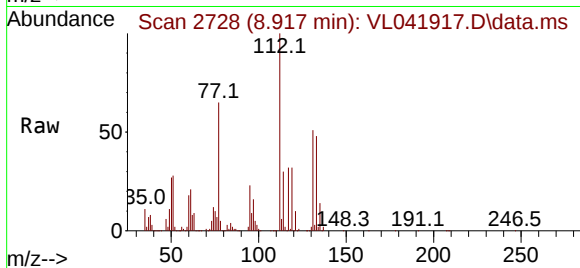
Tgt Ion:112 Resp: 344297

Ion Ratio Lower Upper

112 100

77 65.4 54.6 82.0

114 30.3 28.2 34.4



#58

Ethyl Benzene

Concen: 10.854 ppbv

RT: 9.351 min Scan# 2862

Delta R.T. -0.016 min

Lab File: VL041917.D

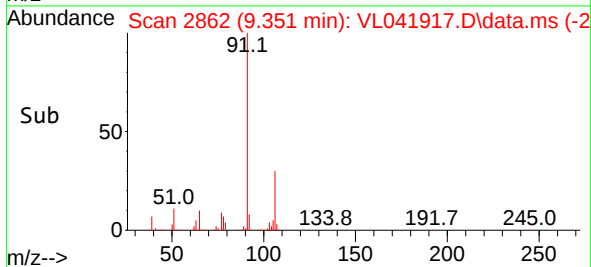
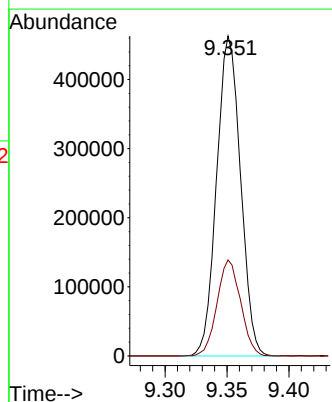
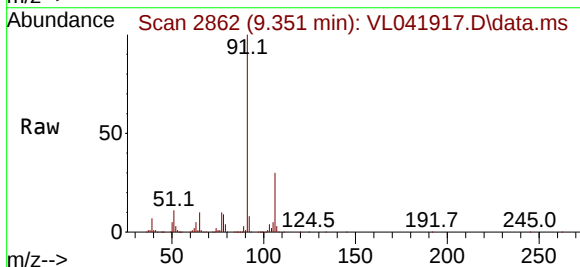
Acq: 20 Jan 2025 12:25

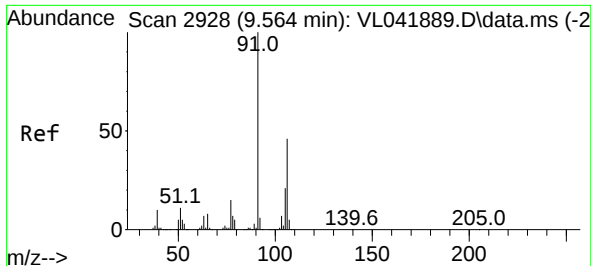
Tgt Ion: 91 Resp: 621872

Ion Ratio Lower Upper

91 100

106 30.0 23.1 34.7





#59

m/p-Xylene

Concen: 10.195 ppbv

RT: 9.545 min Scan# 2922

Delta R.T. -0.019 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

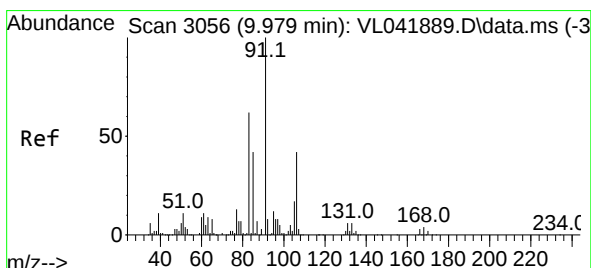
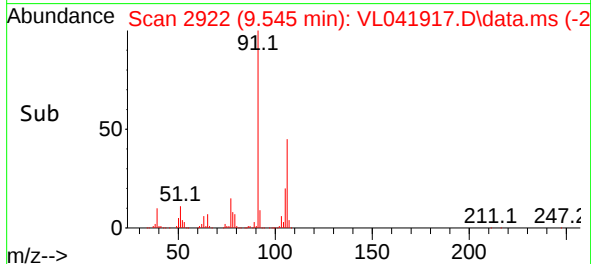
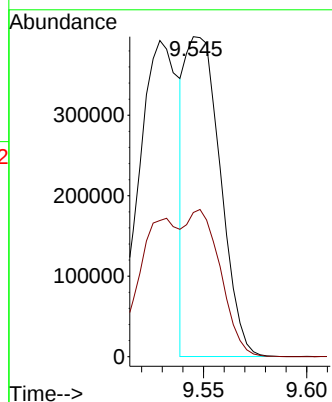
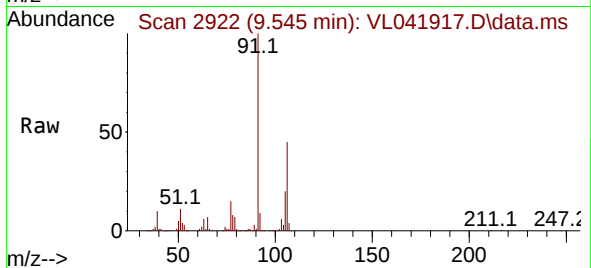
ClientSampleId :

Tgt Ion: 91 Resp: 468213

Ion Ratio Lower Upper

91 100

106 96.0 36.0 54.0#



#60

o-Xylene

Concen: 10.998 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.016 min

Lab File: VL041917.D

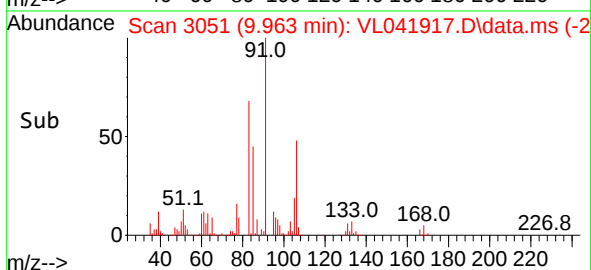
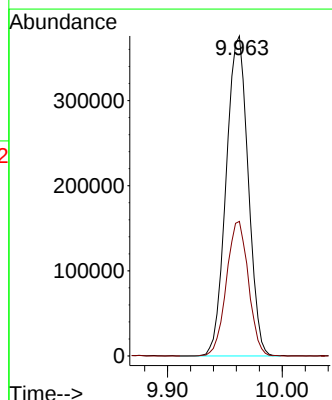
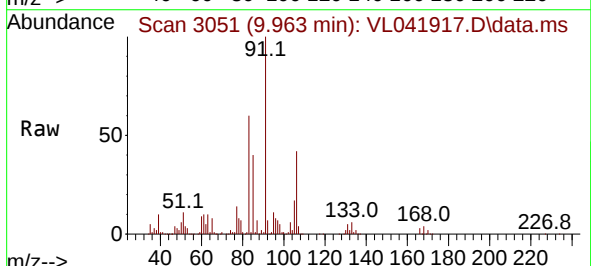
Acq: 20 Jan 2025 12:25

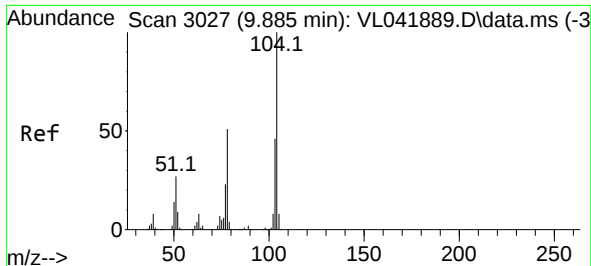
Tgt Ion: 91 Resp: 501346

Ion Ratio Lower Upper

91 100

106 42.0 21.3 63.9

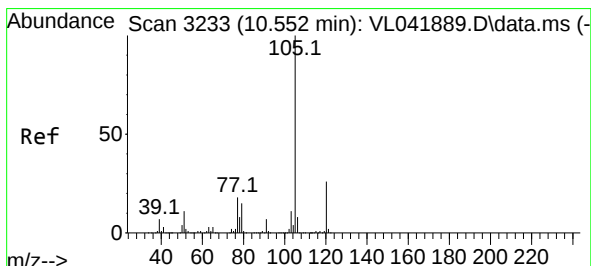
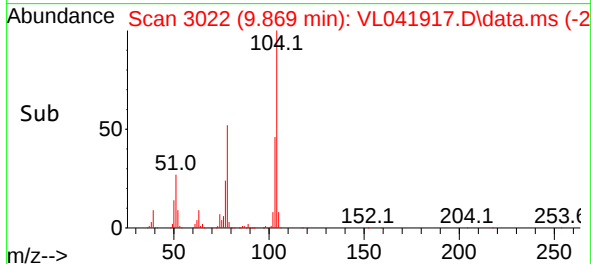
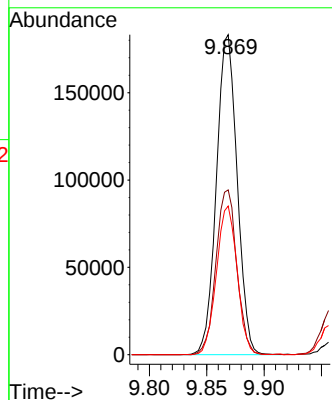
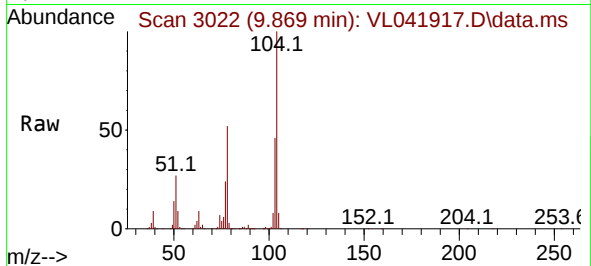




#61
Styrene
Concen: 11.268 ppbv
RT: 9.869 min Scan# 3027
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

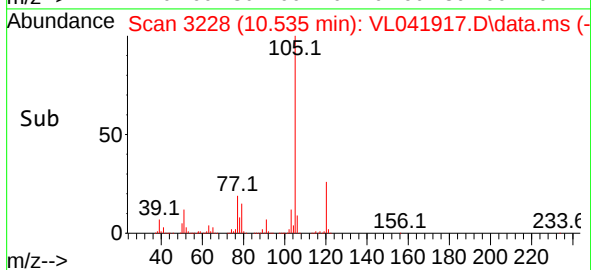
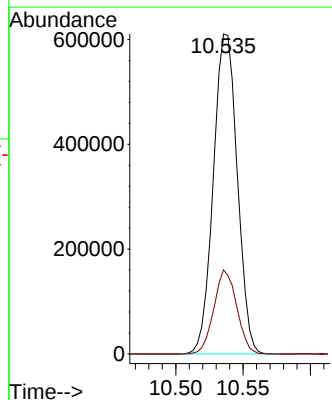
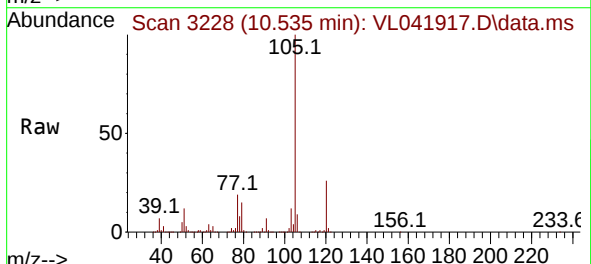
Instrument :
MSVOA_L
ClientSampleId :

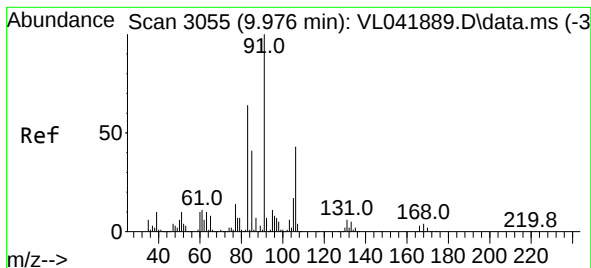
Tgt Ion:104 Resp: 230415
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 46.4 37.2 55.8



#62
Isopropylbenzene
Concen: 10.699 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion:105 Resp: 754701
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5

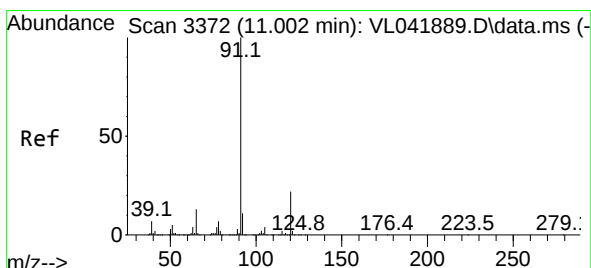
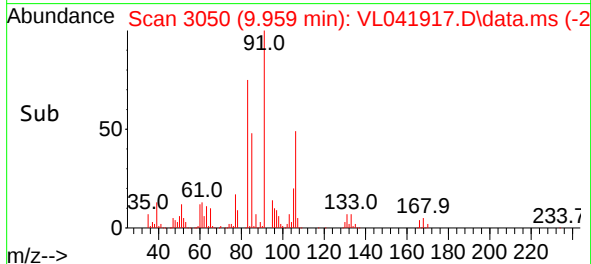
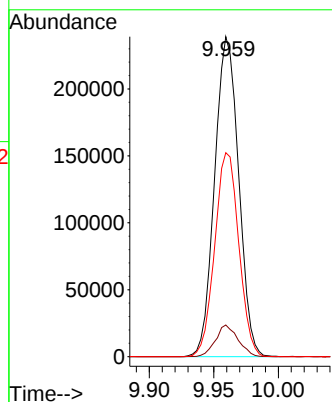
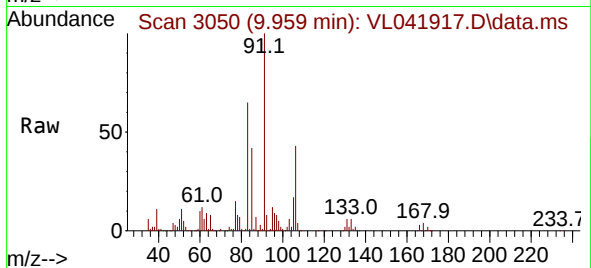




#63
1,1,2,2-Tetrachloroethane
Concen: 10.602 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

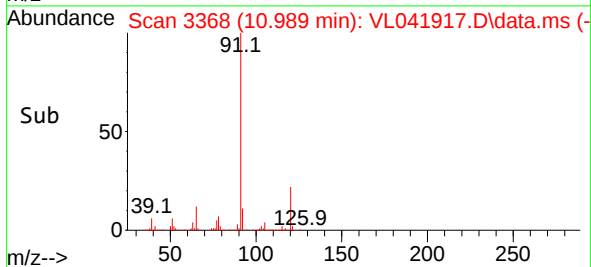
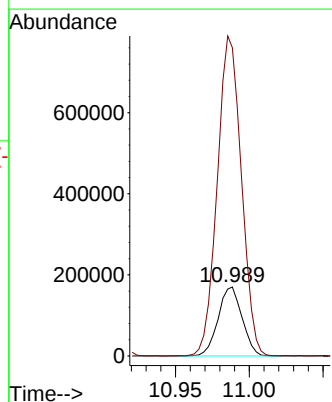
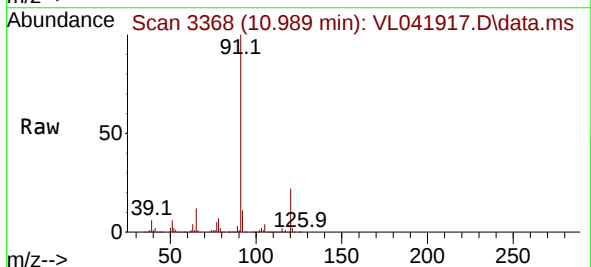
Instrument :
MSVOA_L
ClientSampleId :

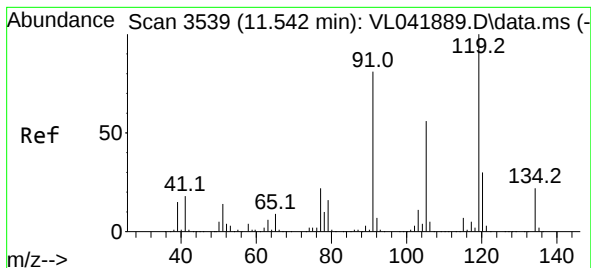
Tgt Ion: 83 Resp: 308812
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 63.9 32.4 97.2



#64
n-propylbenzene
Concen: 10.756 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 120 Resp: 191700
Ion Ratio Lower Upper
120 100
91 469.8 374.1 561.1

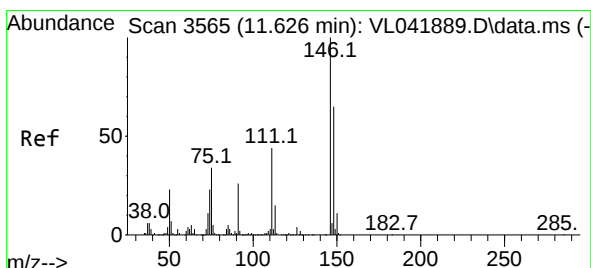
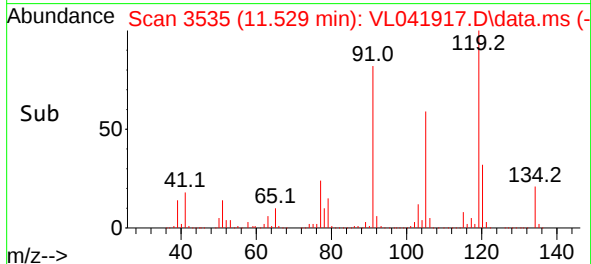
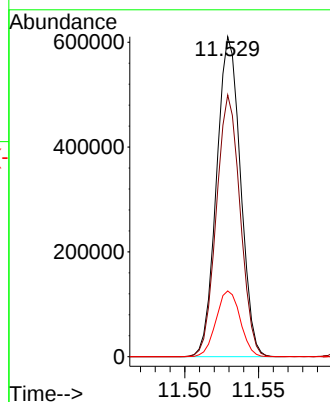
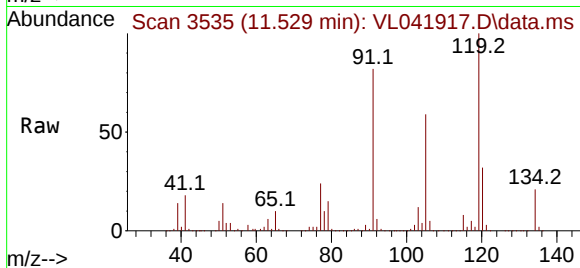




#65
tert-Butylbenzene
Concen: 10.725 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

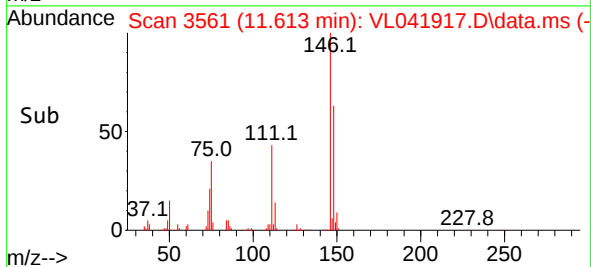
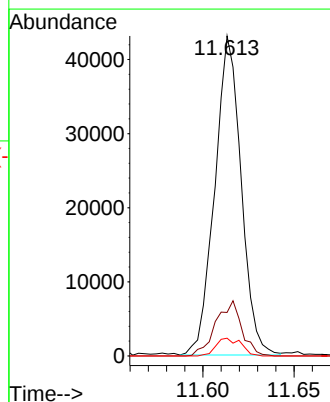
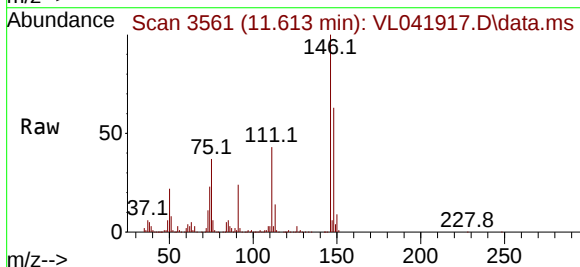
Instrument :
MSVOA_L
ClientSampleId :

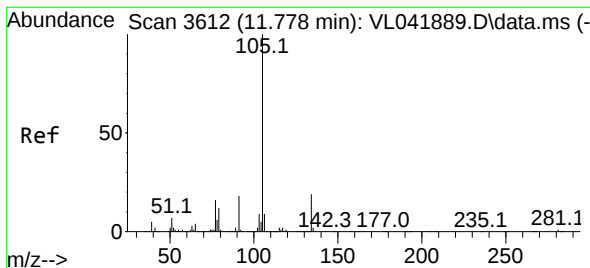
Tgt Ion:119 Resp: 689403
Ion Ratio Lower Upper
119 100
91 81.3 64.6 97.0
134 20.8 16.8 25.2



#66
Benzyl Chloride
Concen: 10.888 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion: 91 Resp: 43319
Ion Ratio Lower Upper
91 100
126 17.0 14.1 21.1
128 5.3 4.3 6.5





#67

sec-Butylbenzene

Concen: 10.650 ppbv

RT: 11.765 min Scan# 3

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

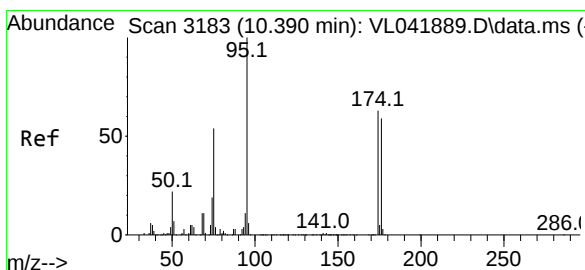
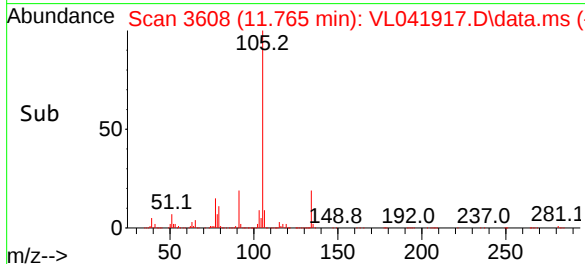
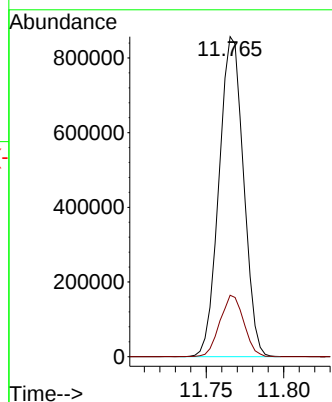
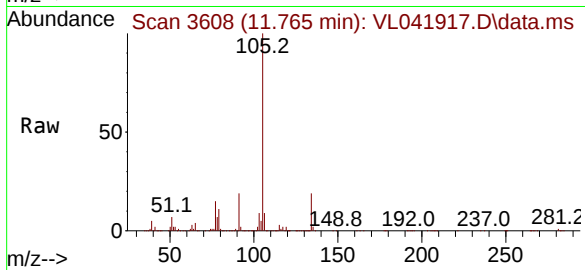
ClientSampleId :

Tgt Ion:105 Resp: 942685

Ion Ratio Lower Upper

105 100

134 18.8 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.154 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. -0.016 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

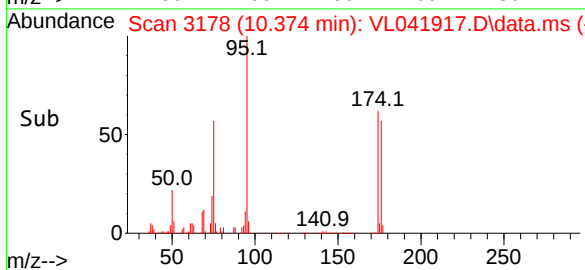
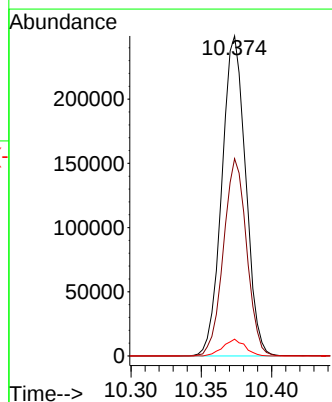
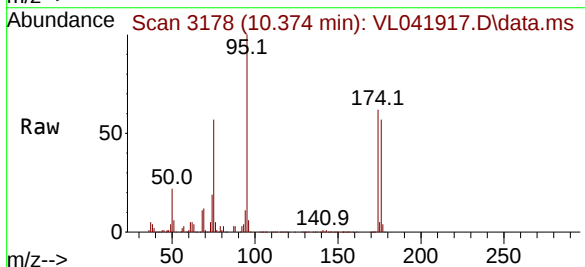
Tgt Ion: 95 Resp: 293204

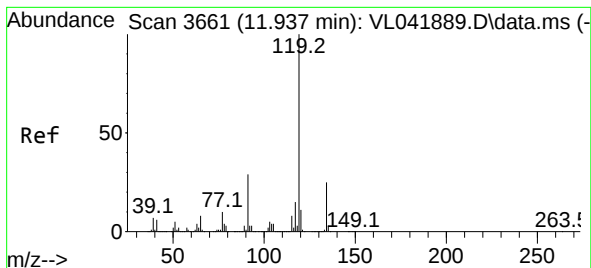
Ion Ratio Lower Upper

95 100

174 60.1 49.0 73.4

175 4.9 3.8 5.8





#69

p-Isopropyltoluene

Concen: 10.860 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

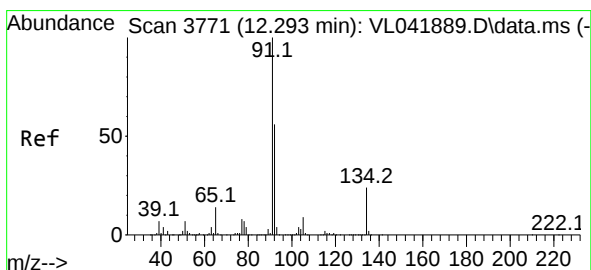
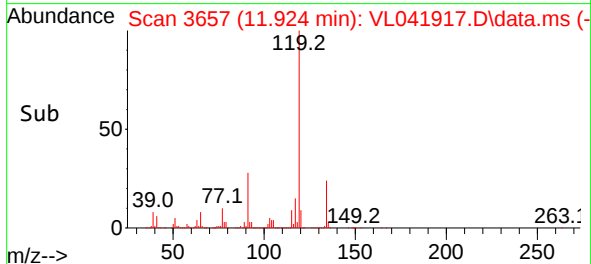
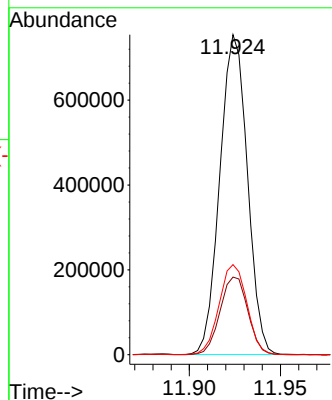
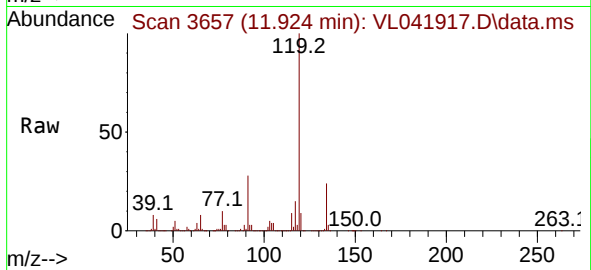
Tgt Ion:119 Resp: 791581

Ion Ratio Lower Upper

119 100

134 24.6 19.8 29.6

91 28.6 23.0 34.4



#70

n-Butylbenzene

Concen: 10.537 ppbv

RT: 12.280 min Scan# 3767

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

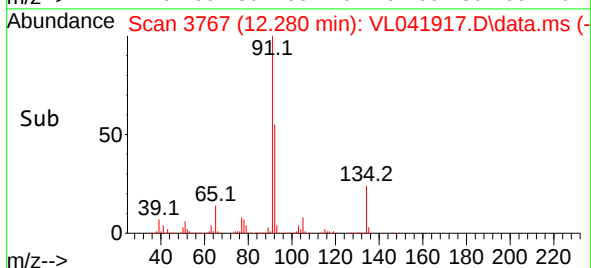
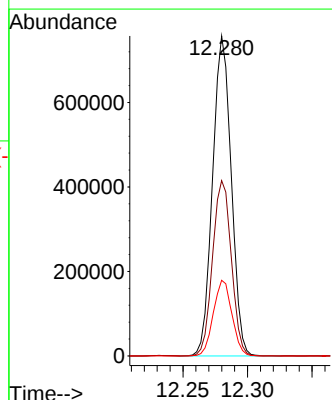
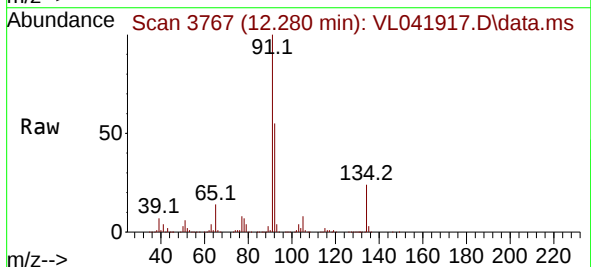
Tgt Ion: 91 Resp: 761646

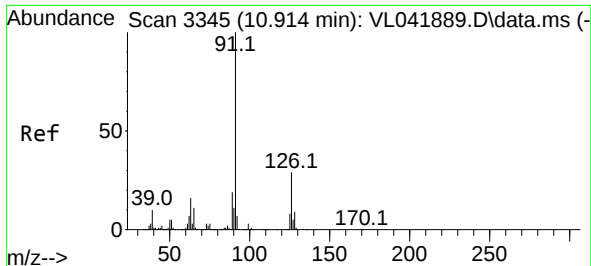
Ion Ratio Lower Upper

91 100

92 55.1 43.8 65.6

134 23.6 19.0 28.6

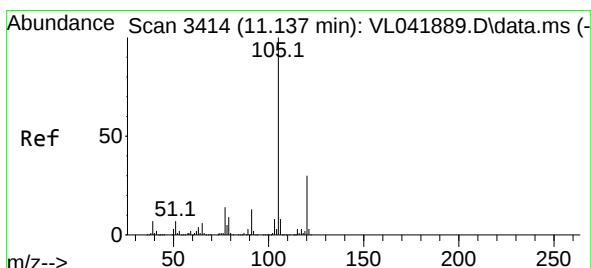
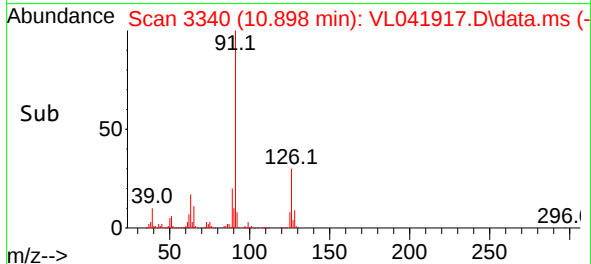
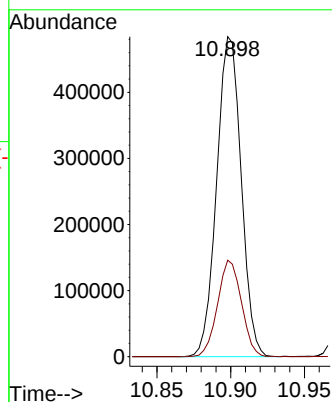
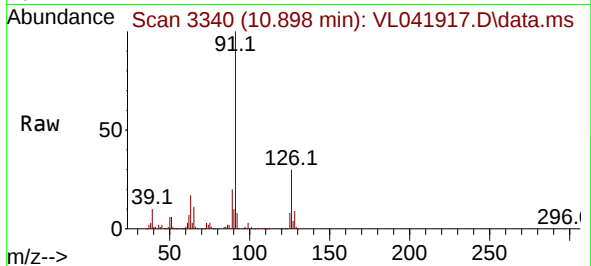




#71
2-Chlorotoluene
Concen: 10.730 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

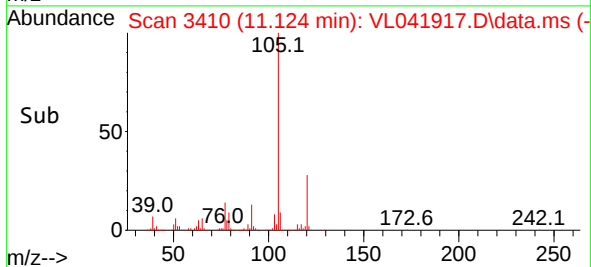
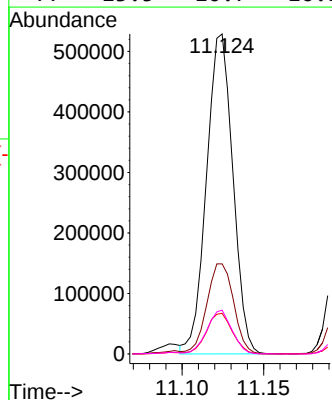
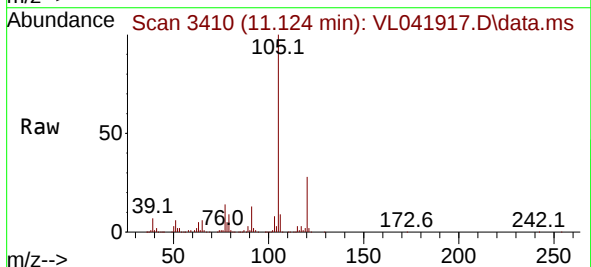
Instrument :
MSVOA_L
ClientSampleId :

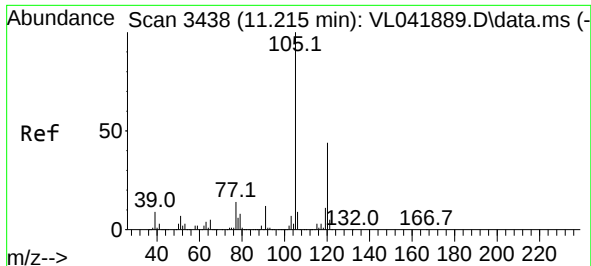
Tgt Ion: 91 Resp: 559890
Ion Ratio Lower Upper
91 100
126 29.3 11.7 46.7



#72
4-Ethyltoluene
Concen: 10.901 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion:105 Resp: 594409
Ion Ratio Lower Upper
105 100
120 29.5 23.7 35.5
91 13.0 10.2 15.2
77 13.5 10.7 16.1

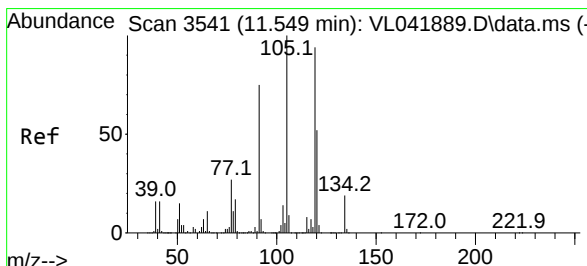
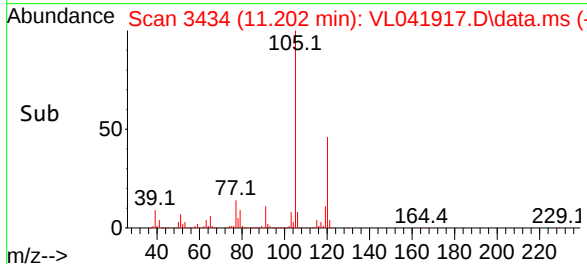
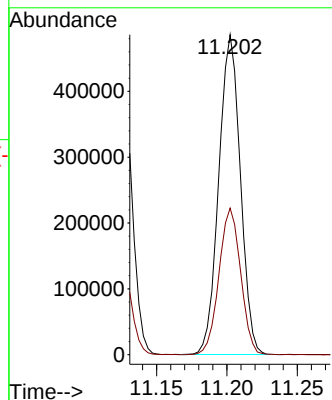
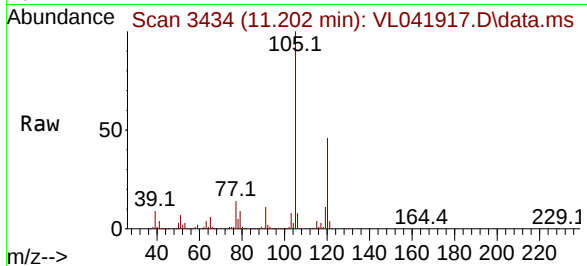




#73
 1,3,5-Trimethylbenzene
 Concen: 10.780 ppbv
 RT: 11.202 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

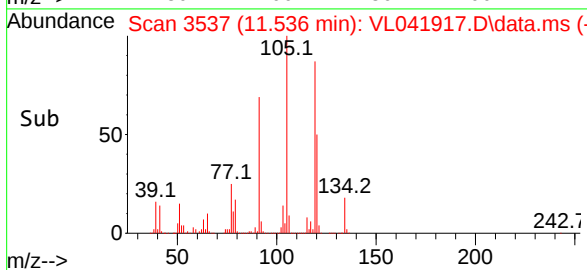
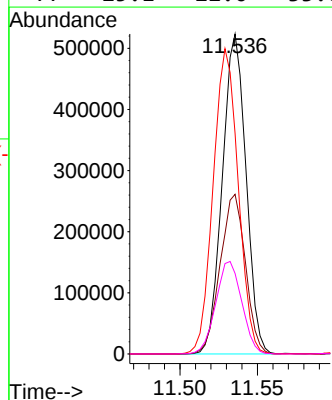
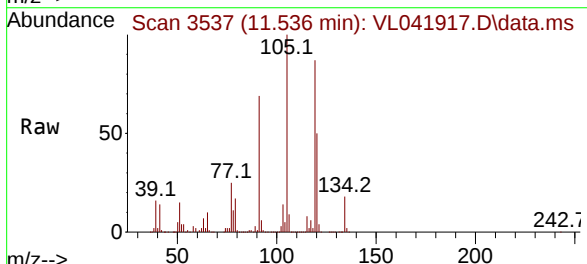
Instrument :
 MSVOA_L
 ClientSampleId :

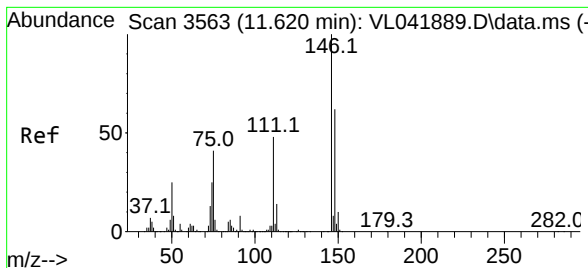
Tgt Ion:105 Resp: 519084
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 10.675 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. -0.013 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Tgt Ion:105 Resp: 556666
 Ion Ratio Lower Upper
 105 100
 120 49.9 41.4 62.2
 91 68.9 60.2 90.2
 77 25.1 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 10.321 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

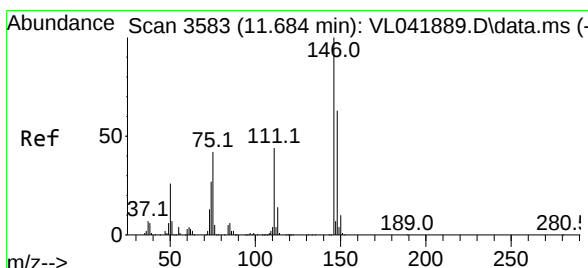
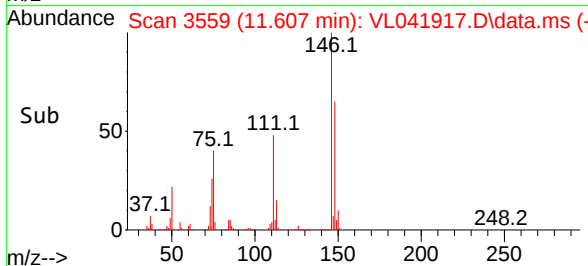
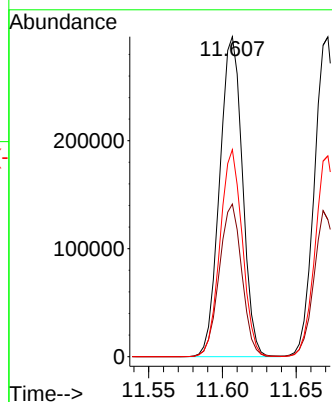
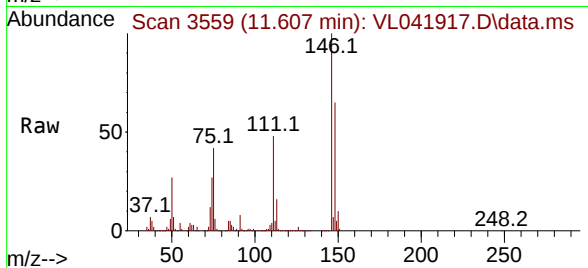
Tgt Ion:146 Resp: 318934

Ion Ratio Lower Upper

146 100

111 47.3 23.6 70.8

148 63.2 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 10.535 ppbv

RT: 11.671 min Scan# 3579

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

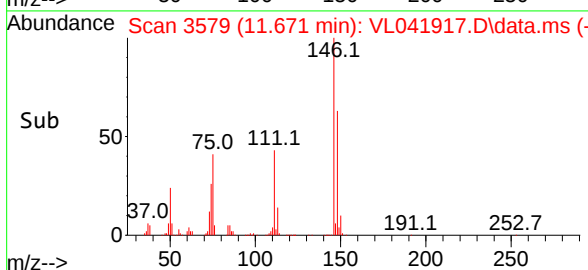
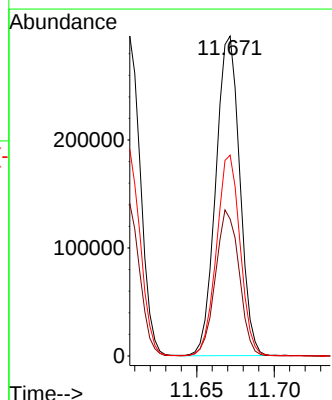
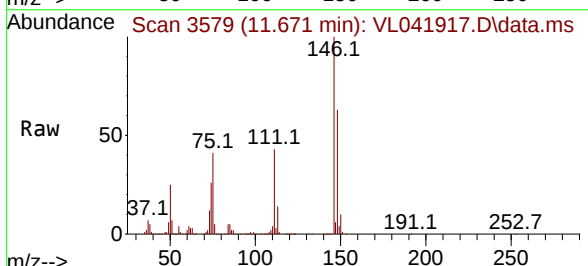
Tgt Ion:146 Resp: 318485

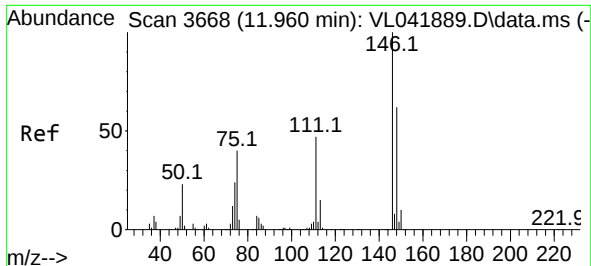
Ion Ratio Lower Upper

146 100

111 45.3 22.4 67.0

148 62.1 31.9 95.5

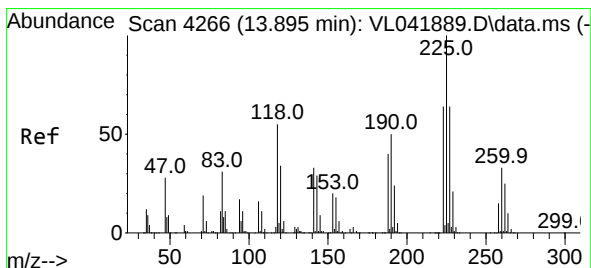
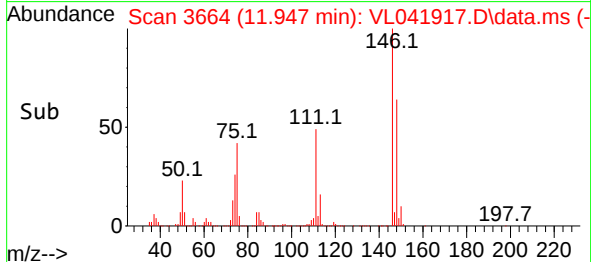
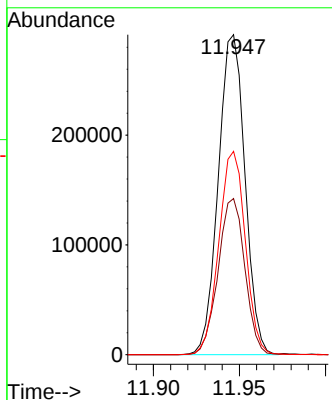
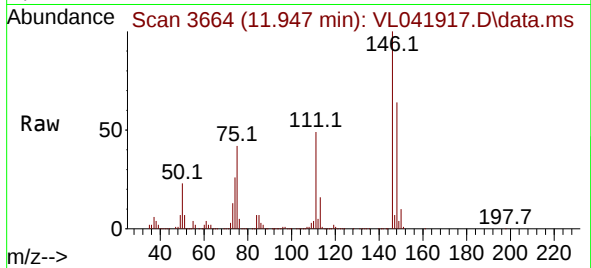




#77
1,2-Dichlorobenzene
Concen: 10.266 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.013 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

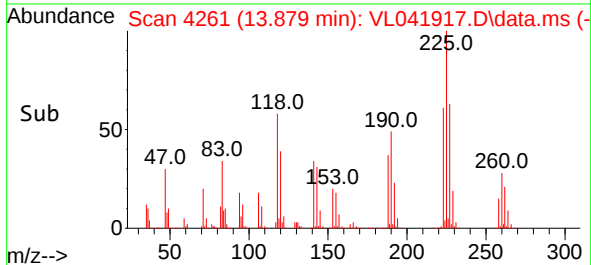
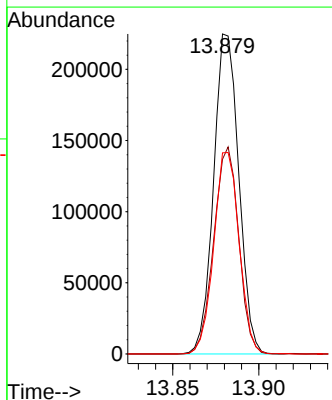
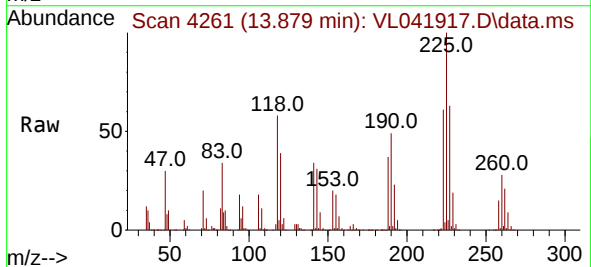
Instrument :
MSVOA_L
ClientSampleId :

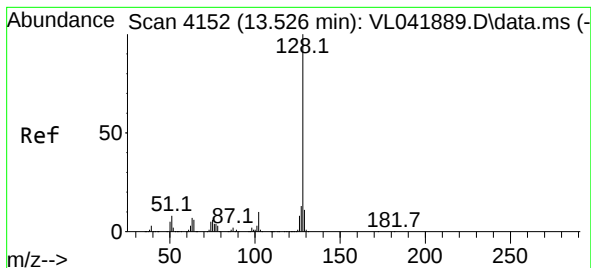
Tgt Ion:146 Resp: 314384
Ion Ratio Lower Upper
146 100
111 49.0 24.2 72.6
148 63.2 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 9.104 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.016 min
Lab File: VL041917.D
Acq: 20 Jan 2025 12:25

Tgt Ion:225 Resp: 228831
Ion Ratio Lower Upper
225 100
223 64.2 50.8 76.2
227 63.4 50.3 75.5





#79

Naphthalene

Concen: 9.586 ppbv

RT: 13.513 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

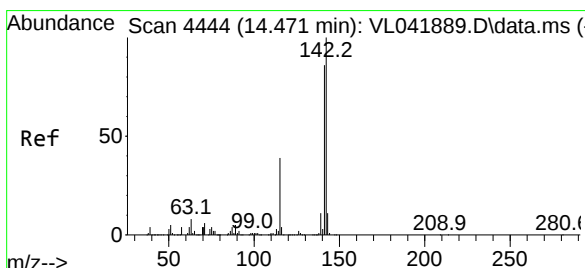
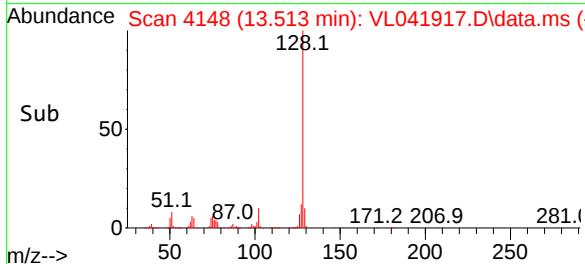
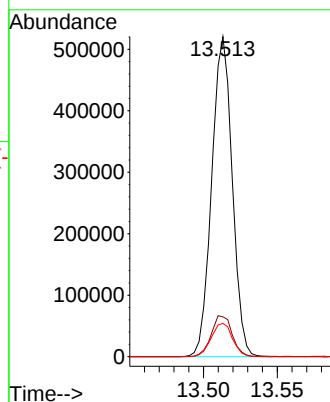
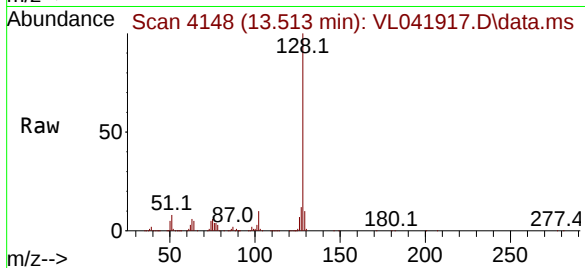
Tgt Ion:128 Resp: 503311

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.4 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 7.214 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.013 min

Lab File: VL041917.D

Acq: 20 Jan 2025 12:25

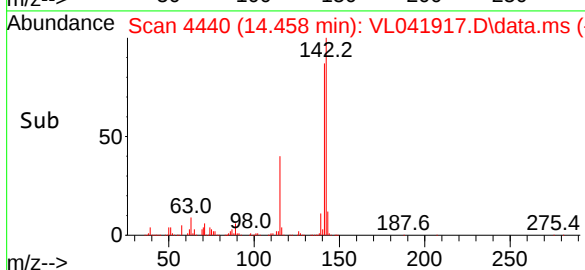
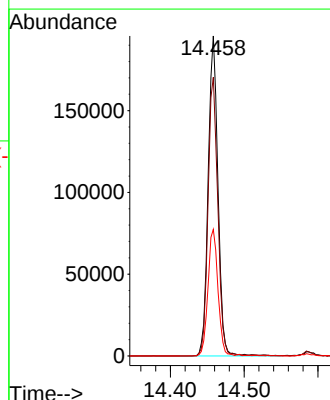
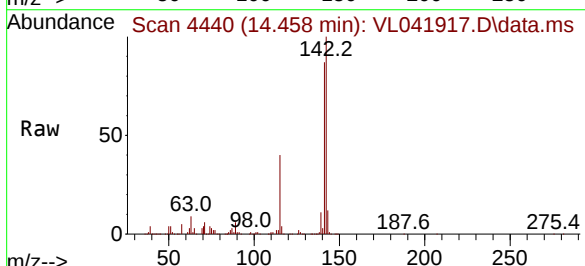
Tgt Ion:142 Resp: 179578

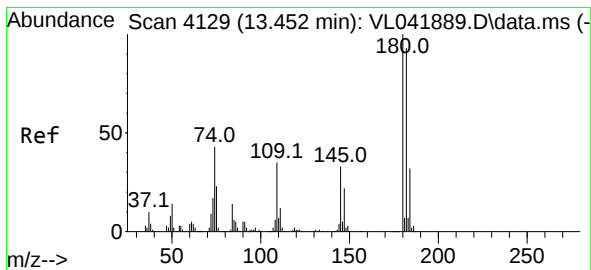
Ion Ratio Lower Upper

142 100

141 87.4 68.1 102.1

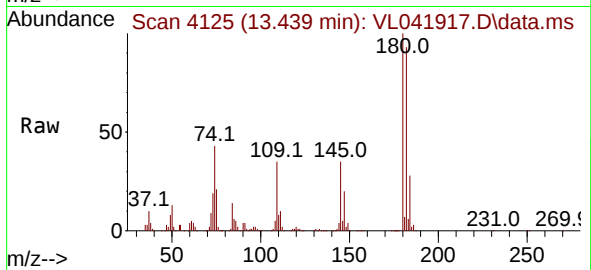
115 40.8 31.7 47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.322 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL041917.D
 Acq: 20 Jan 2025 12:25

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 238914
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.0 115.6
 184 29.5 24.9 37.3

