

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021425\
 Data File : VL042021.D
 Acq On : 14 Feb 2025 15:31
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 15 01:23:42 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	86925	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.936	114	262414	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.862	117	237914	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	198454	10.112	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	223559	14.940	ppbv	97
3) Chlorodifluoromethane	1.470	51	243126	14.686	ppbv	97
4) Chloromethane	1.525	50	88610	15.238	ppbv	99
5) Vinyl Chloride	1.573	62	84240	12.115	ppbv	97
6) Bromomethane	1.661	94	38291	14.205	ppbv	96
7) Chloroethane	1.696	64	33647	14.847	ppbv	98
8) Dichlorotetrafluoroethane	1.547	85	194356	14.765	ppbv	98
9) Propene	1.476	41	105896	14.803	ppbv	99
10) Heptane	4.949	43	287361	14.584	ppbv	100
11) Trichlorofluoromethane	1.868	101	220304	14.629	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.130	101	175546	14.948	ppbv	99
13) Ethanol	1.712	45	5186	5.987	ppbv	90
14) Bromoethene	1.774	108	62750	14.308	ppbv	98
15) Acetone	1.826	43	180374	12.572	ppbv	98
16) 1,3-Butadiene	1.602	39	92580	13.602	ppbv	99
17) tert-Butyl alcohol	2.030	59	246990	13.912	ppbv	97
18) 1,1-Dichloroethene	2.023	96	78879	13.810	ppbv	97
19) Isopropyl Alcohol	1.877	45	108718	13.435	ppbv	100
20) Methylene Chloride	2.052	84	69635	12.893	ppbv	97
21) Allyl Chloride	2.085	41	146143	14.153	ppbv	98
22) trans-1,2-Dichloroethene	2.331	96	88308	14.500	ppbv	99
23) Vinyl Acetate	2.450	43	116346	14.975	ppbv	97
24) 1,1-Dichloroethane	2.399	63	179098	14.485	ppbv	99
25) Ethyl Acetate	2.823	43	569390	14.459	ppbv	99
26) Hexane	2.813	57	228493	14.459	ppbv	99
27) Carbon Disulfide	2.140	76	222067	14.941	ppbv	97
28) Methyl tert-Butyl Ether	2.428	73	135275	14.003	ppbv	99
29) Chloroform	2.836	83	336006	14.680	ppbv	99
30) Cyclohexane	3.836	84	204650	14.786	ppbv	99
31) cis-1,2-Dichloroethene	2.709	61	233761	14.967	ppbv	97
32) 1,1,1-Trichloroethane	3.350	97	361627	14.247	ppbv	99
34) 2-Butanone	2.544	43	325304	14.409	ppbv	100
35) Carbon Tetrachloride	3.742	117	355299	14.222	ppbv	98
36) Benzene	3.638	78	477637	15.026	ppbv	99
37) 1,2-Dichloroethane	3.204	62	265263	14.659	ppbv	100
38) Trichloroethene	4.525	130	183311	14.041	ppbv	89
39) 1,2-Dichloropropane	4.289	63	173533	14.715	ppbv	97
40) 1,4-Dioxane	4.561	88	81743	13.560	ppbv #	98
41) Tetrahydrofuran	3.039	42	188901	14.339	ppbv	98
42) Bromodichloromethane	4.467	83	383649	15.642	ppbv	99
43) Methyl Methacrylate	4.852	69	195343	13.671	ppbv	97
44) 2,2,4-Trimethylpentane	4.616	57	792396	14.684	ppbv	99
45) t-1,3-Dichloropropene	6.389	75	212040	15.480	ppbv	94

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

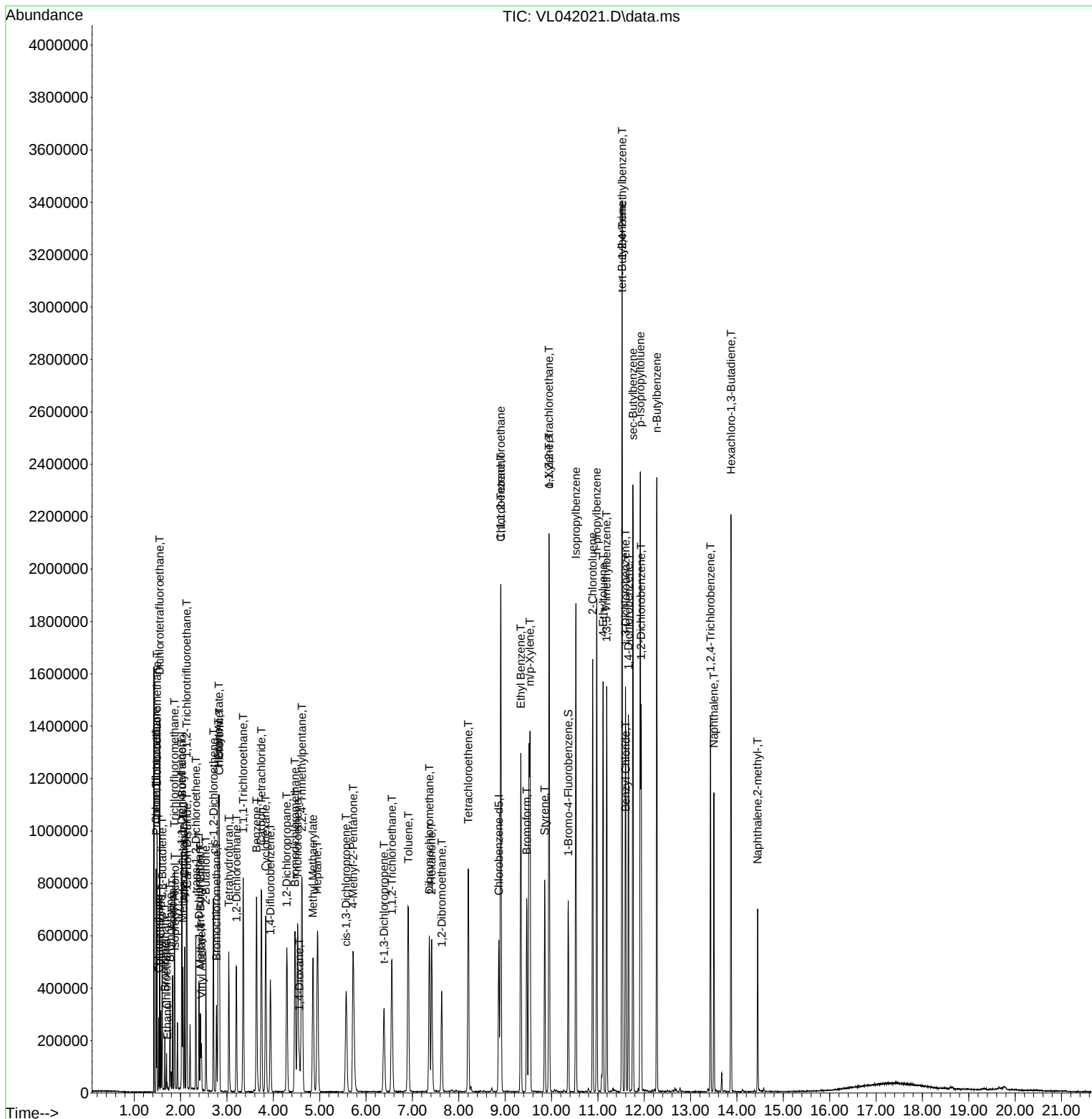
Instrument :
 MSVOA_L
 ClientSampleId :

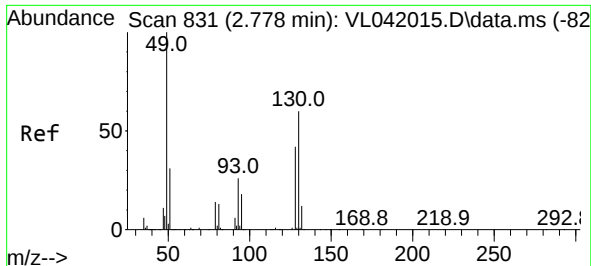
Quant Time: Feb 15 01:23:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 15 01:17:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.570	75	262404	15.119	ppbv	99
47) 1,1,2-Trichloroethane	6.558	97	184185	15.018	ppbv	97
48) Dibromochloromethane	7.367	129	307444	15.086	ppbv	99
49) Bromoform	9.467	173	256214	15.207	ppbv	99
50) 4-Methyl-2-Pentanone	5.723	43	493570	14.067	ppbv	100
51) 2-Hexanone	7.415	43	406282	14.128	ppbv #	99
52) Tetrachloroethene	8.205	164	150659	13.578	ppbv	93
53) Toluene	6.910	91	557848	14.831	ppbv	100
54) 1,2-Dibromoethane	7.632	107	256693	15.004	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.907	131	231487	13.630	ppbv	98
57) Chlorobenzene	8.904	112	391336	13.982	ppbv	95
58) Ethyl Benzene	9.338	91	768548	14.760	ppbv	100
59) m/p-Xylene	9.535	91	560028	13.643	ppbv #	22
60) o-Xylene	9.946	91	593457	14.307	ppbv	98
61) Styrene	9.853	104	296264	14.978	ppbv	98
62) Isopropylbenzene	10.526	105	883027	14.180	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.946	83	356686	13.331	ppbv	100
64) n-propylbenzene	10.976	120	218866	14.304	ppbv	96
65) tert-Butylbenzene	11.519	119	748190	13.782	ppbv	99
66) Benzyl Chloride	11.604	91	80312	14.663	ppbv	99
67) sec-Butylbenzene	11.756	105	1055064	13.836	ppbv	99
69) p-Isopropyltoluene	11.914	119	852283	13.654	ppbv	98
70) n-Butylbenzene	12.270	91	864461	14.059	ppbv	99
71) 2-Chlorotoluene	10.888	91	668867	14.262	ppbv	100
72) 4-Ethyltoluene	11.112	105	695430	14.289	ppbv	100
73) 1,3,5-Trimethylbenzene	11.189	105	599031	14.290	ppbv	95
74) 1,2,4-Trimethylbenzene	11.526	105	613669	13.640	ppbv	98
75) 1,3-Dichlorobenzene	11.594	146	336922	13.912	ppbv	99
76) 1,4-Dichlorobenzene	11.659	146	337749	14.301	ppbv	99
77) 1,2-Dichlorobenzene	11.934	146	320100	13.827	ppbv	99
78) Hexachloro-1,3-Butadiene	13.872	225	235409	12.291	ppbv	99
79) Naphthalene	13.503	128	518798	11.723	ppbv	99
80) Naphthalene,2-methyl-	14.445	142	188818	9.388	ppbv	99
81) 1,2,4-Trichlorobenzene	13.429	180	233085	12.956	ppbv	100

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

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

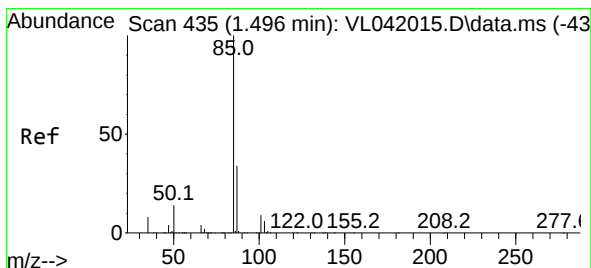
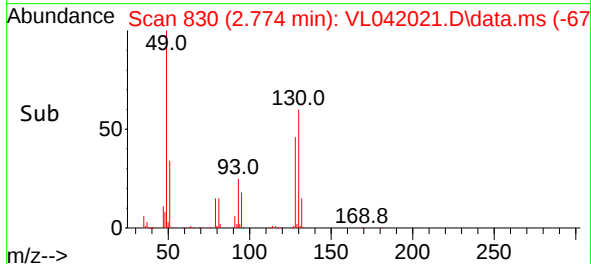
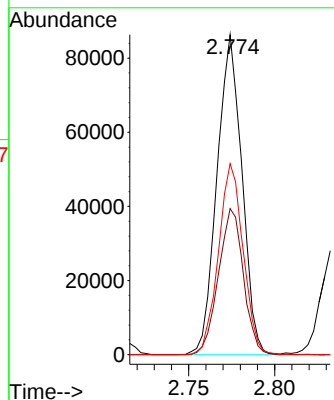
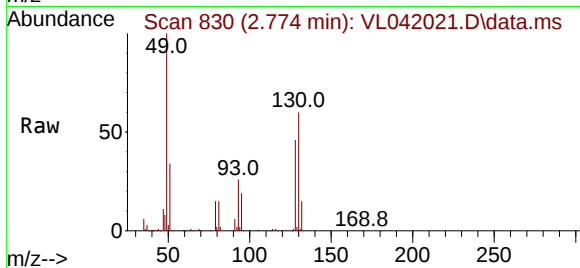




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 831
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

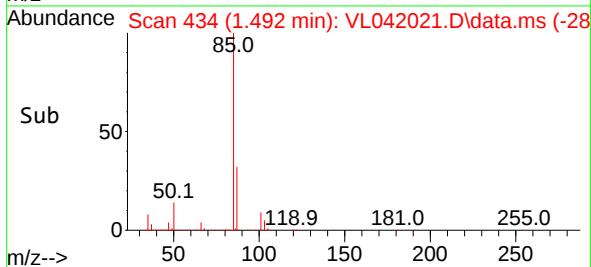
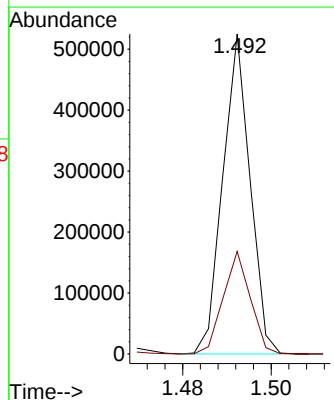
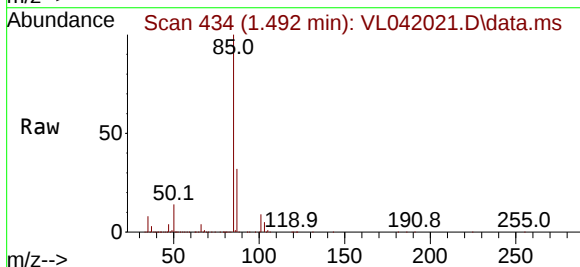
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MSVOA_L
ClientSampleId :

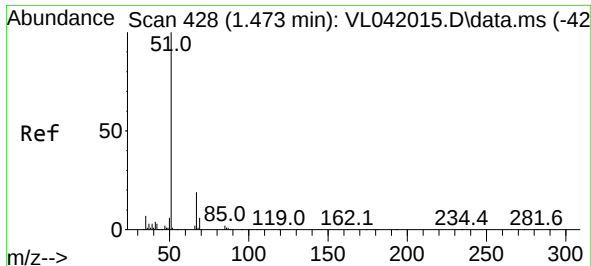
Tgt Ion: 49 Resp: 86925
Ion Ratio Lower Upper
49 100
128 45.6 22.7 68.0
130 59.2 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 14.940 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 85 Resp: 223559
Ion Ratio Lower Upper
85 100
87 32.1 26.9 40.3

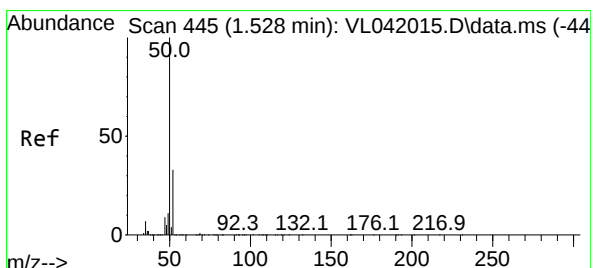
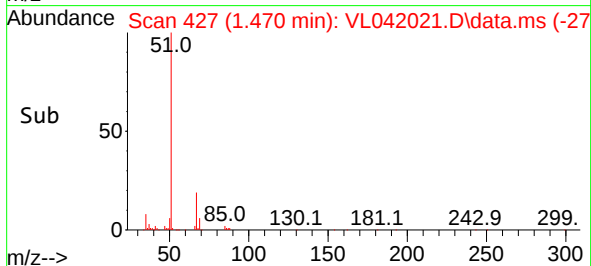
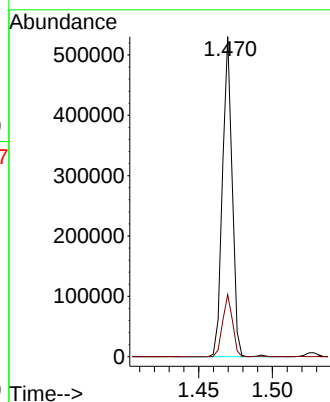
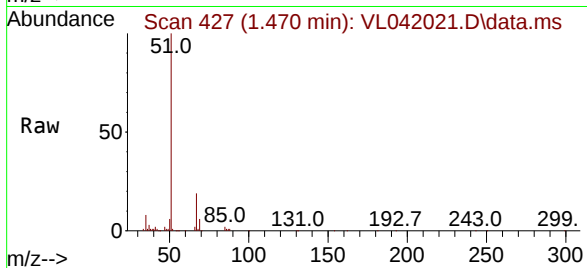




#3
Chlorodifluoromethane
Concen: 14.686 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

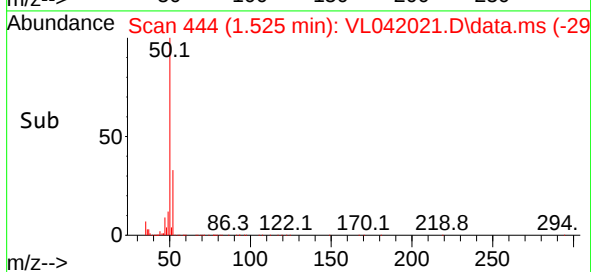
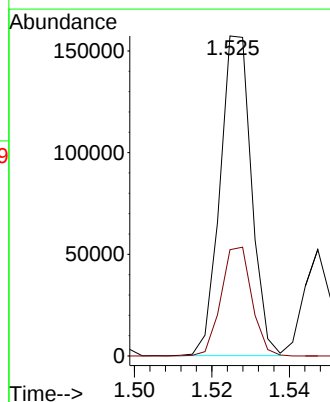
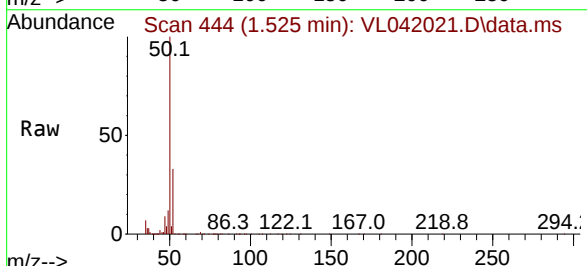
Instrument :
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ClientSampleId :

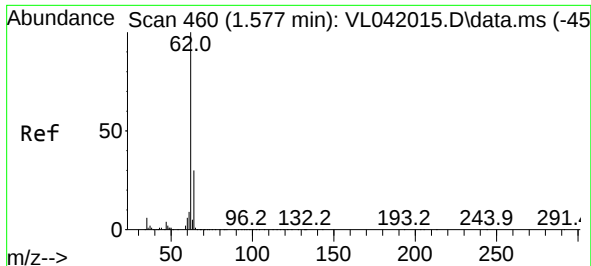
Tgt Ion: 51 Resp: 243126
Ion Ratio Lower Upper
51 100
67 19.9 15.0 22.6



#4
Chloromethane
Concen: 15.238 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 50 Resp: 88610
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2

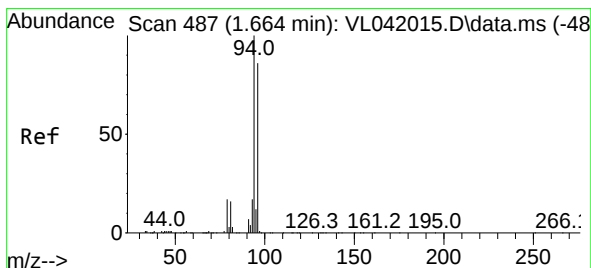
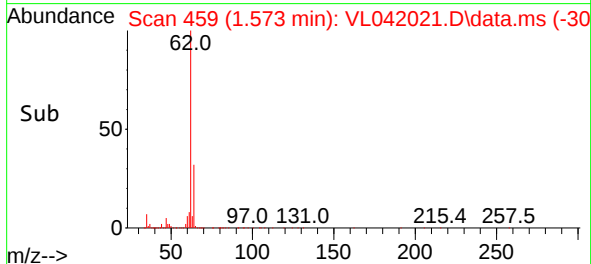
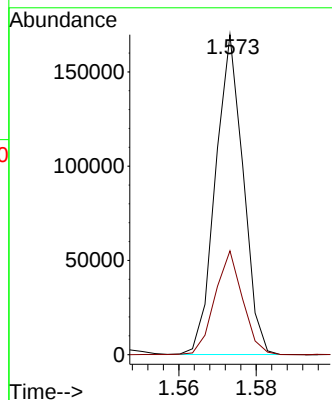
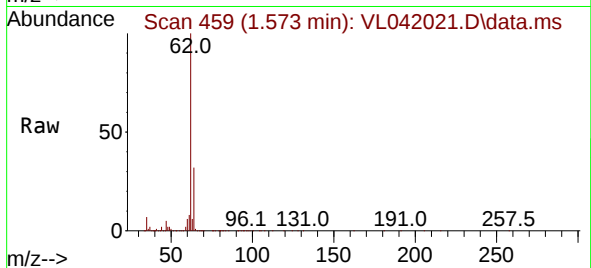




#5
 Vinyl Chloride
 Concen: 12.115 ppbv
 RT: 1.573 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

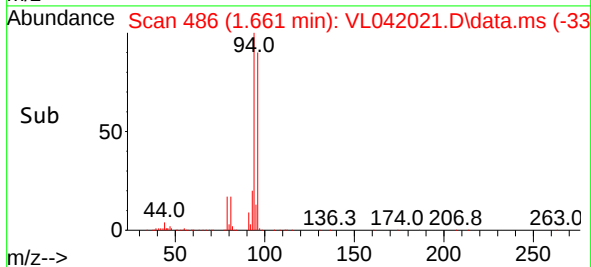
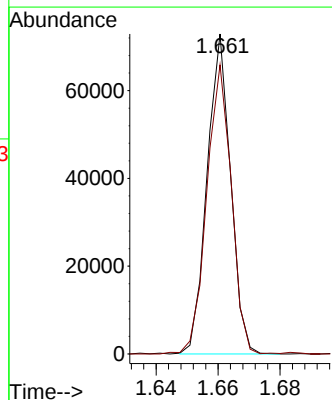
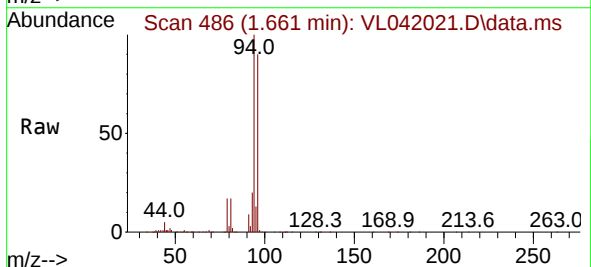
Instrument :
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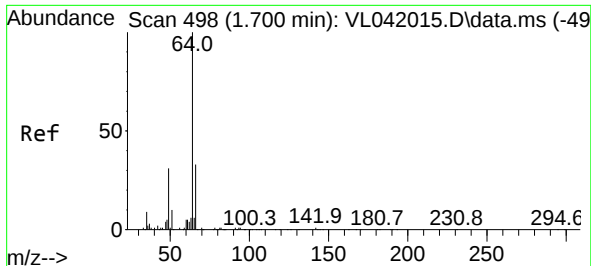
Tgt Ion: 62 Resp: 84240
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.4 36.6



#6
 Bromomethane
 Concen: 14.205 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Tgt Ion: 94 Resp: 38291
 Ion Ratio Lower Upper
 94 100
 96 90.2 69.0 103.6

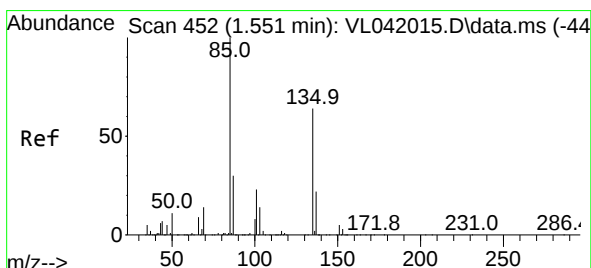
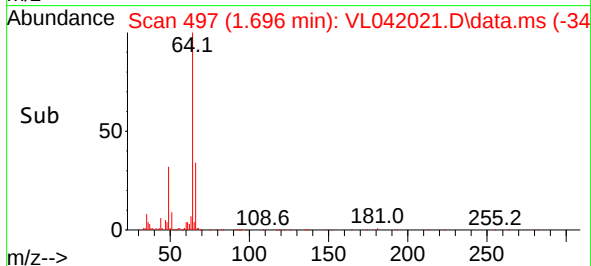
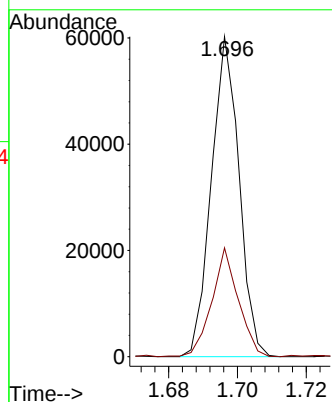
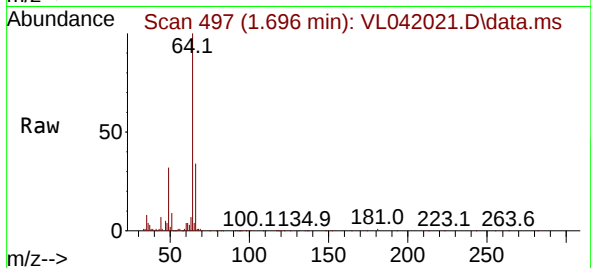




#7
Chloroethane
Concen: 14.847 ppbv
RT: 1.696 min Scan# 498
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

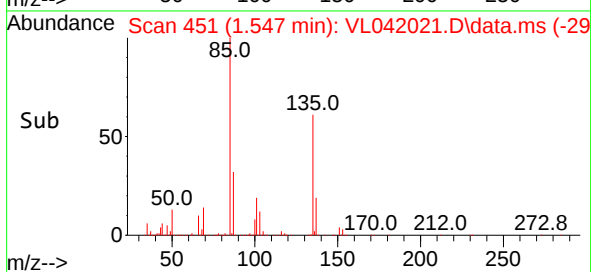
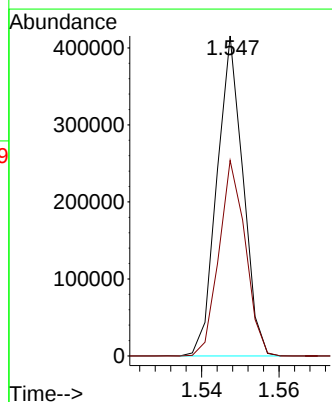
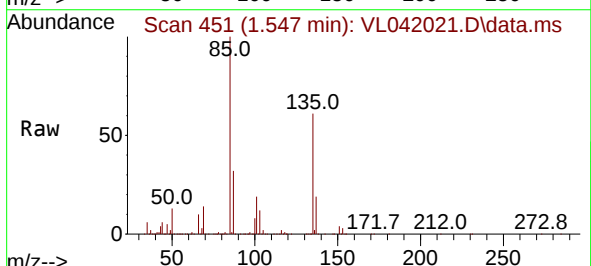
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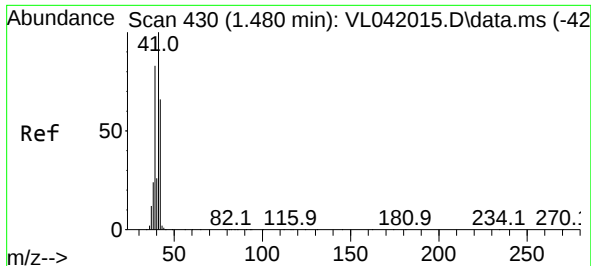
Tgt Ion: 64 Resp: 33647
Ion Ratio Lower Upper
64 100
66 34.0 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 14.765 ppbv
RT: 1.547 min Scan# 451
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 85 Resp: 194356
Ion Ratio Lower Upper
85 100
135 62.0 50.9 76.3

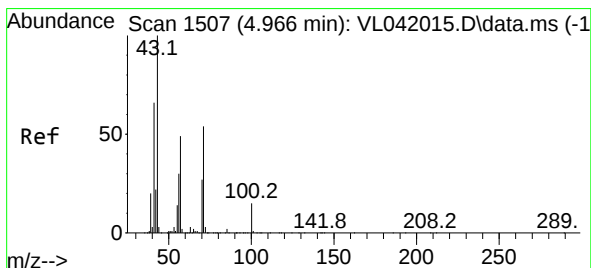
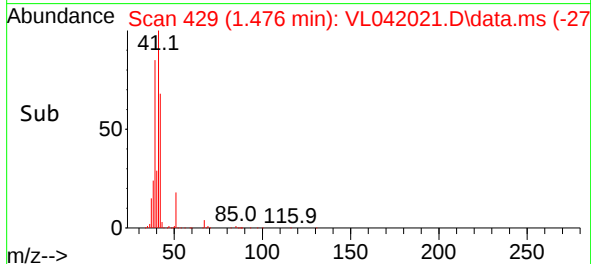
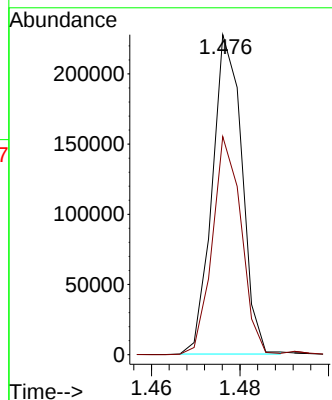
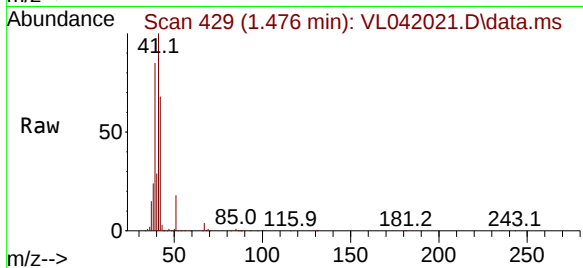




#9
Propene
Concen: 14.803 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

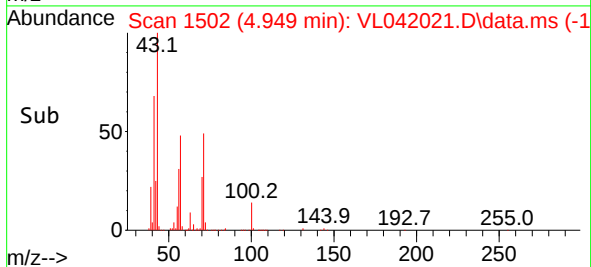
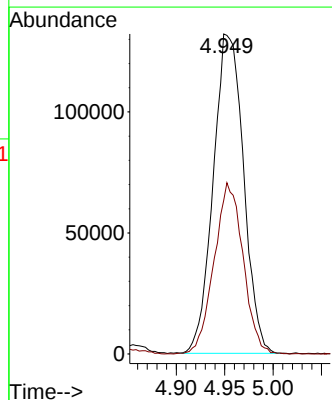
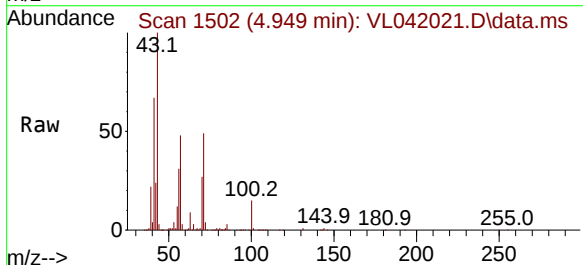
Instrument :
MSVOA_L
ClientSampleId :

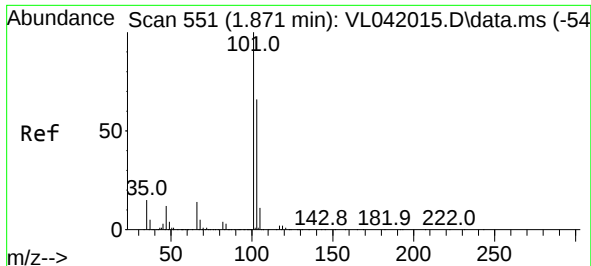
Tgt Ion: 41 Resp: 105896
Ion Ratio Lower Upper
41 100
42 67.6 53.5 80.3



#10
Heptane
Concen: 14.584 ppbv
RT: 4.949 min Scan# 1502
Delta R.T. -0.017 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

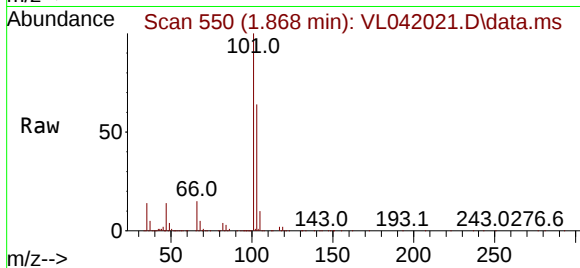
Tgt Ion: 43 Resp: 287361
Ion Ratio Lower Upper
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57 51.2 41.0 61.6



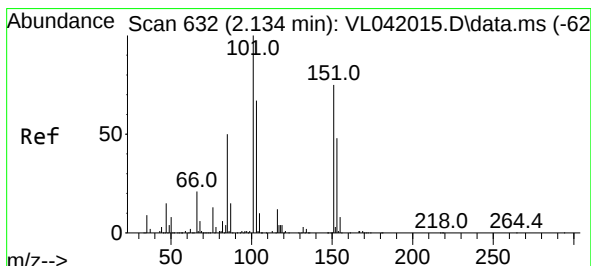
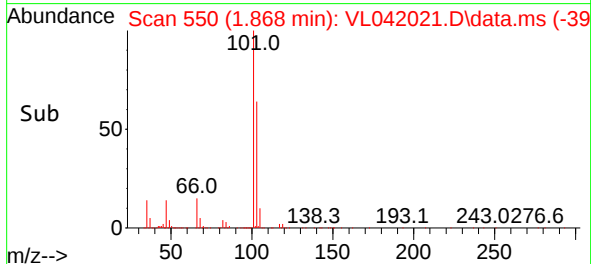
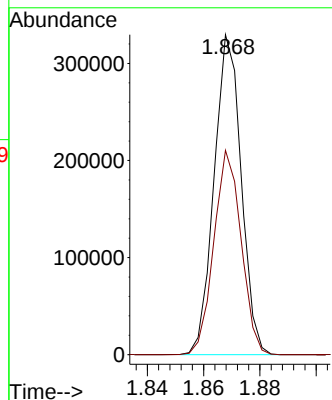


#11
 Trichlorofluoromethane
 Concen: 14.629 ppbv
 RT: 1.868 min Scan# 511
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Instrument :
 MSVOA_L
 ClientSampleId :

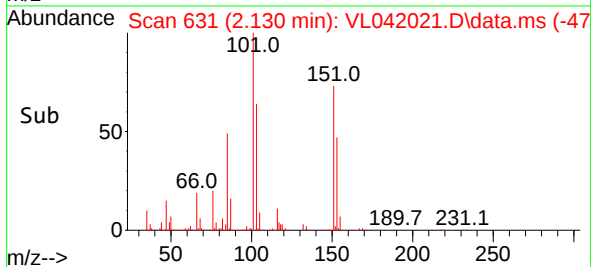
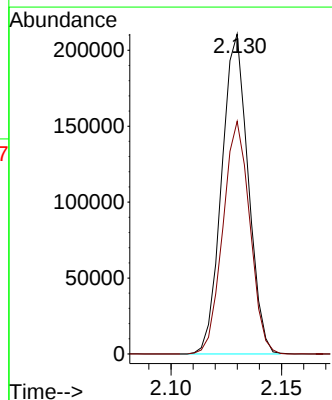
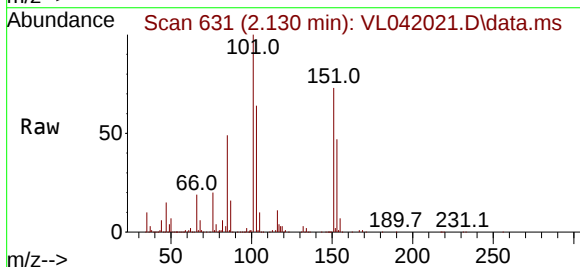


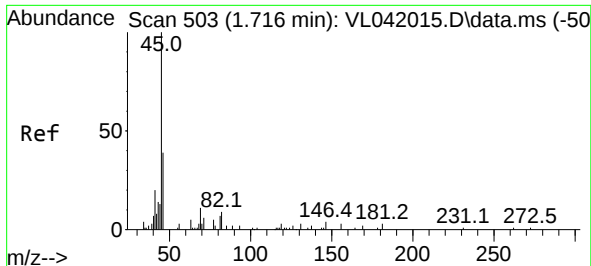
Tgt Ion:101 Resp: 220304
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.948 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Tgt Ion:101 Resp: 175546
 Ion Ratio Lower Upper
 101 100
 151 73.7 58.2 87.2





#13

Ethanol

Concen: 5.987 ppbv

RT: 1.712 min Scan# 503

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

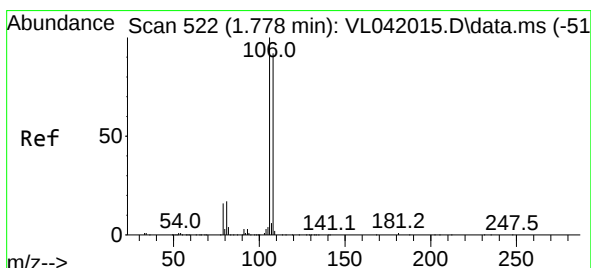
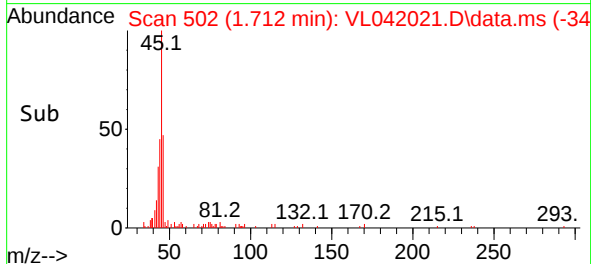
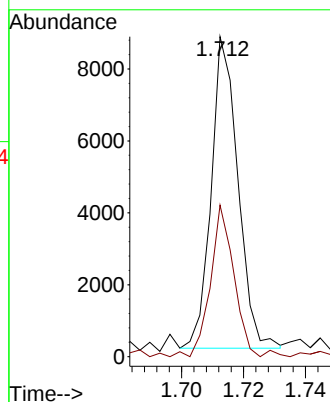
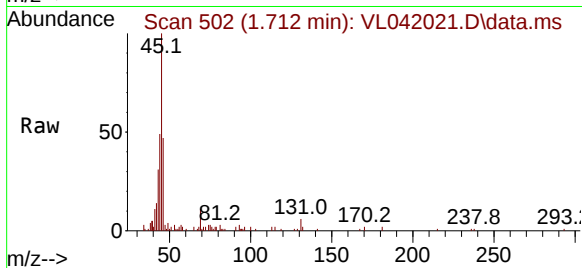
ClientSampleId :

Tgt Ion: 45 Resp: 5186

Ion Ratio Lower Upper

45 100

46 45.8 21.3 85.1



#14

Bromoethene

Concen: 14.308 ppbv

RT: 1.774 min Scan# 521

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

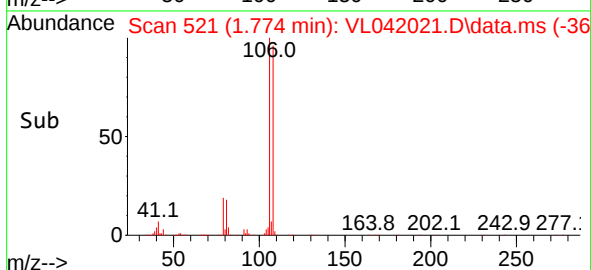
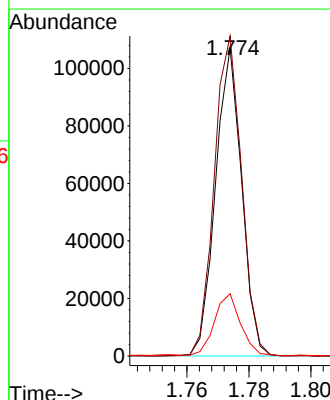
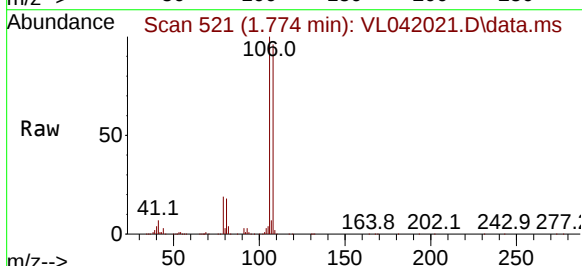
Tgt Ion: 108 Resp: 62750

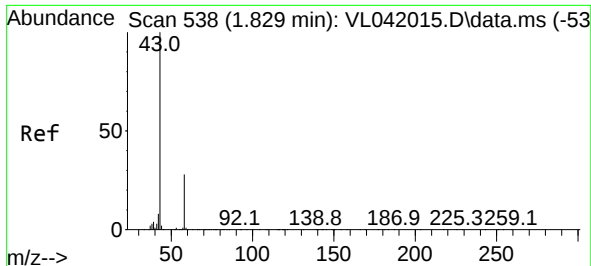
Ion Ratio Lower Upper

108 100

106 108.8 85.0 127.6

79 21.0 17.3 25.9

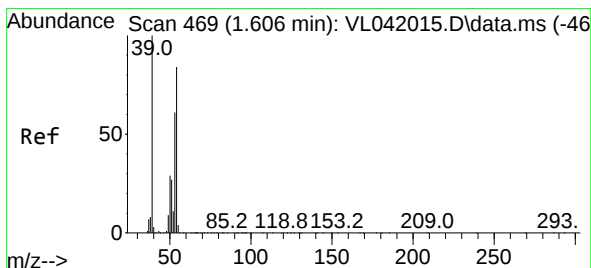
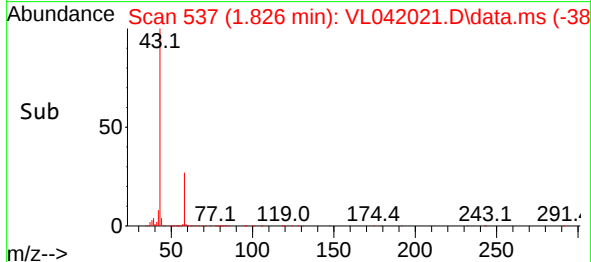
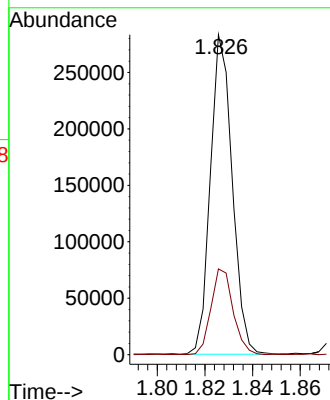
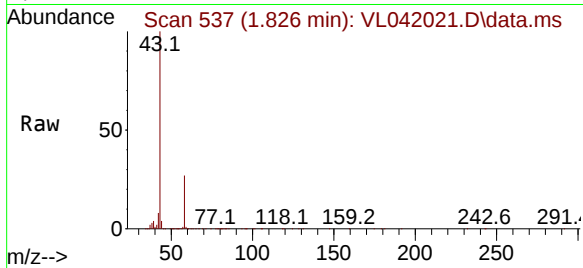




#15
Acetone
Concen: 12.572 ppbv
RT: 1.826 min Scan# 51
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

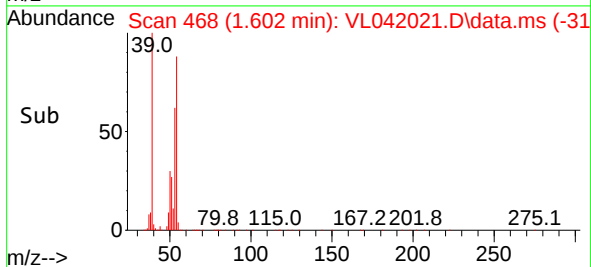
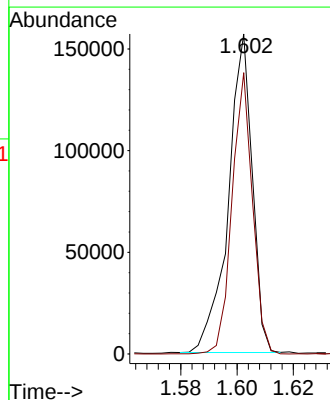
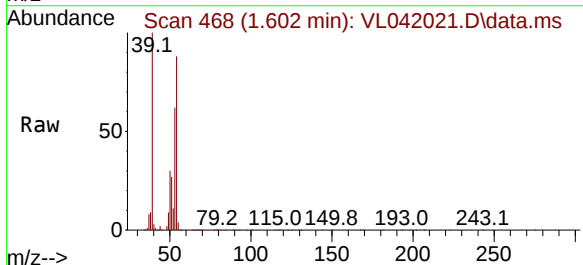
Instrument :
MSVOA_L
ClientSampleId :

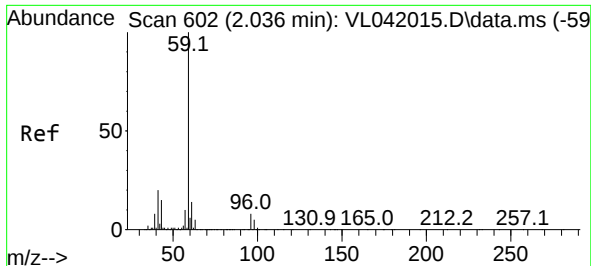
Tgt Ion: 43 Resp: 180374
Ion Ratio Lower Upper
43 100
58 27.4 22.9 34.3



#16
1,3-Butadiene
Concen: 13.602 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 39 Resp: 92580
Ion Ratio Lower Upper
39 100
54 75.5 59.4 89.2





#17

tert-Butyl alcohol

Concen: 13.912 ppbv

RT: 2.030 min Scan# 602

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

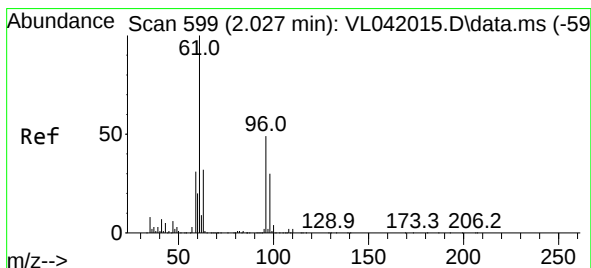
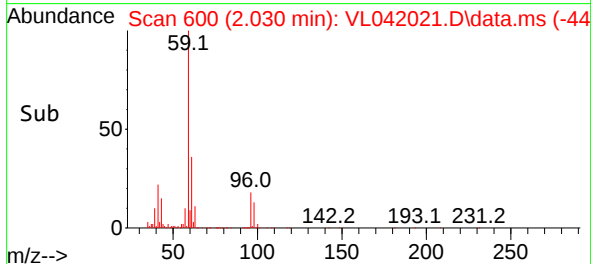
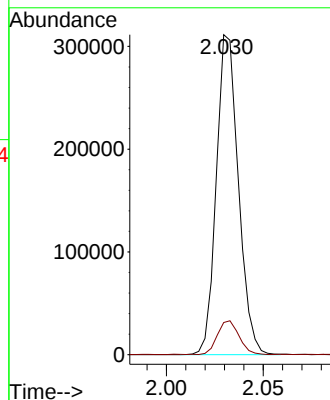
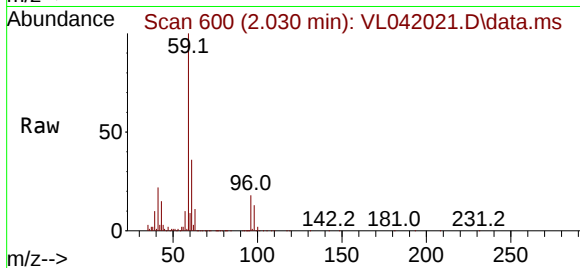
ClientSampleId :

Tgt Ion: 59 Resp: 246990

Ion Ratio Lower Upper

59 100

57 10.5 9.2 13.8



#18

1,1-Dichloroethene

Concen: 13.810 ppbv

RT: 2.023 min Scan# 598

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

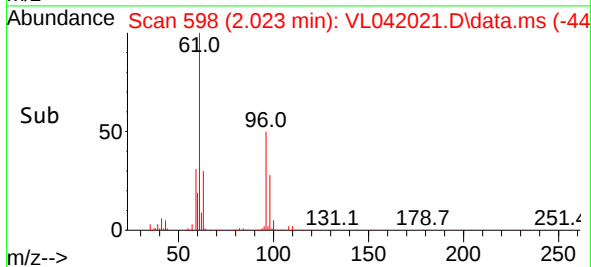
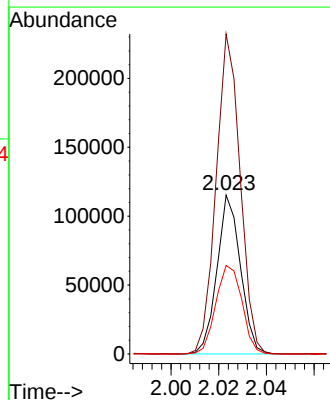
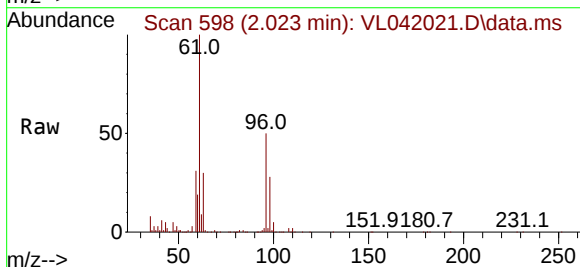
Tgt Ion: 96 Resp: 78879

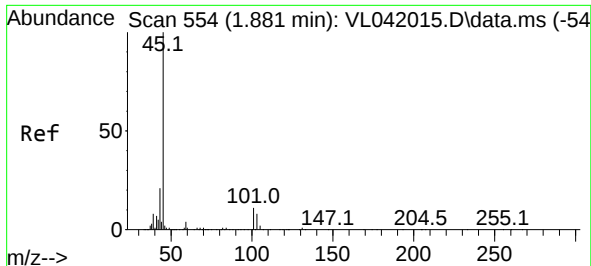
Ion Ratio Lower Upper

96 100

61 201.5 163.5 245.3

98 55.7 49.4 74.0

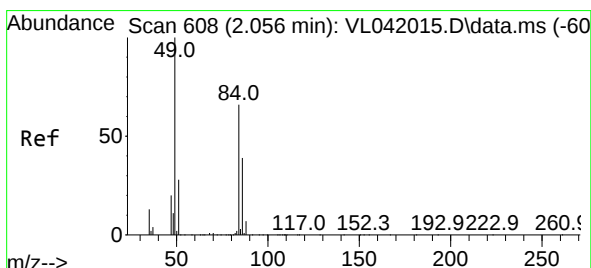
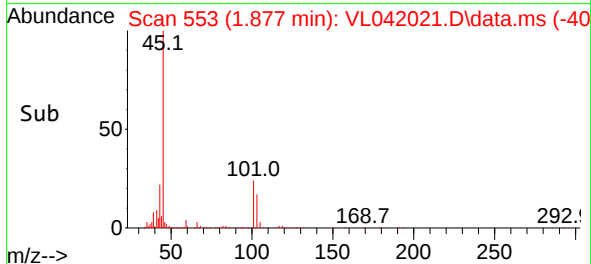
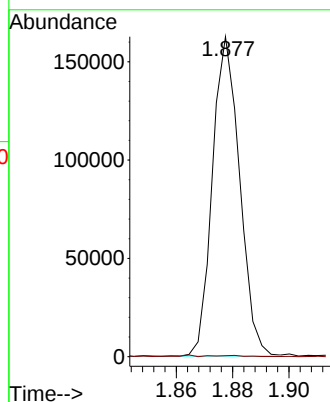
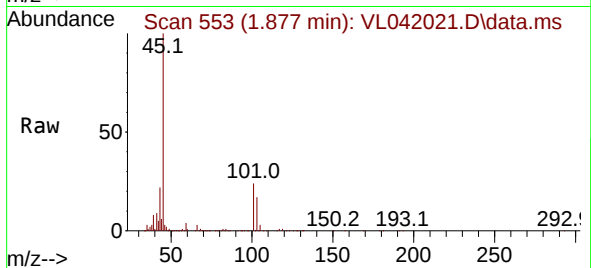




#19
Isopropyl Alcohol
Concen: 13.435 ppbv
RT: 1.877 min Scan# 51
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

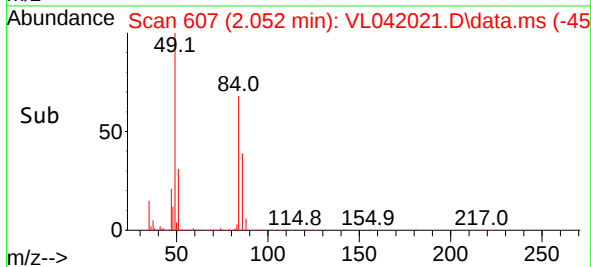
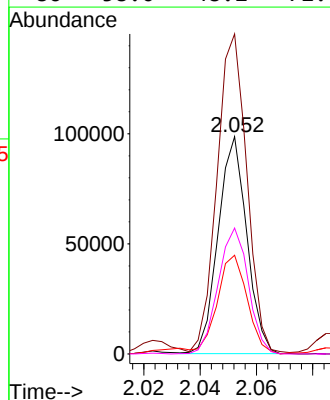
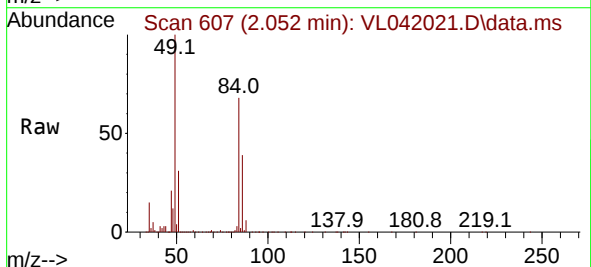
Instrument :
MSVOA_L
ClientSampleId :

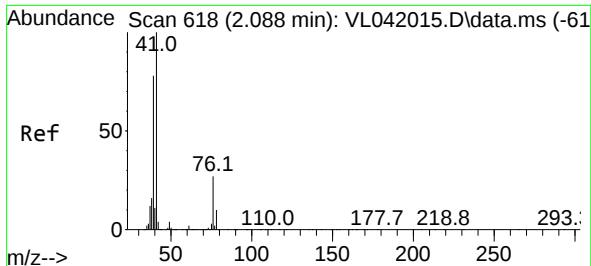
Tgt Ion: 45 Resp: 108718
Ion Ratio Lower Upper
45 100
58 45.5 36.2 54.4



#20
Methylene Chloride
Concen: 12.893 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 84 Resp: 69635
Ion Ratio Lower Upper
84 100
49 146.4 121.0 181.4
51 45.5 35.1 52.7
86 58.0 48.2 72.4

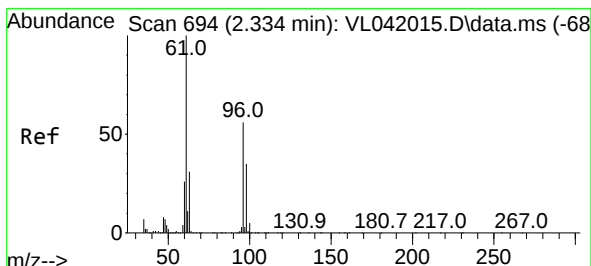
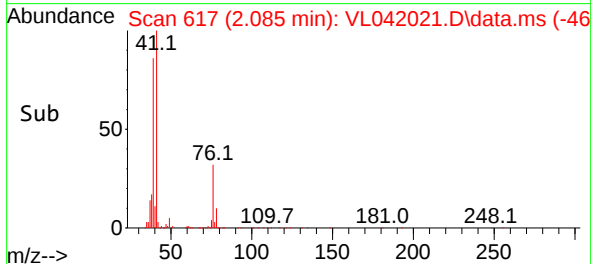
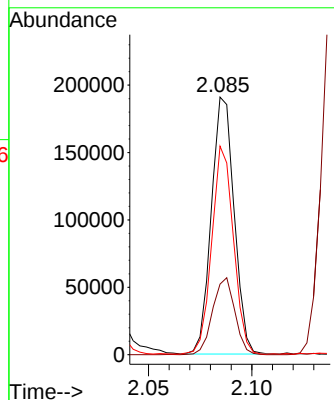
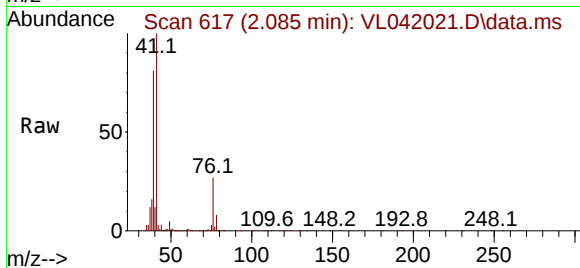




#21
 Allyl Chloride
 Concen: 14.153 ppbv
 RT: 2.085 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

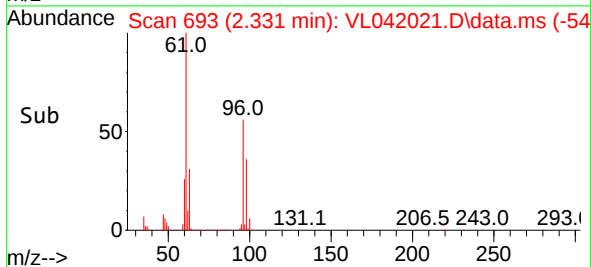
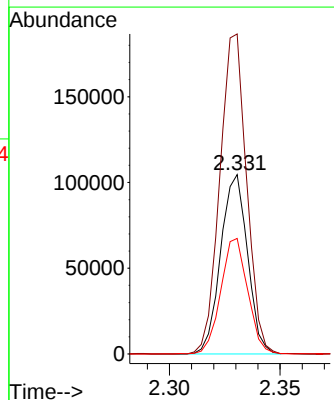
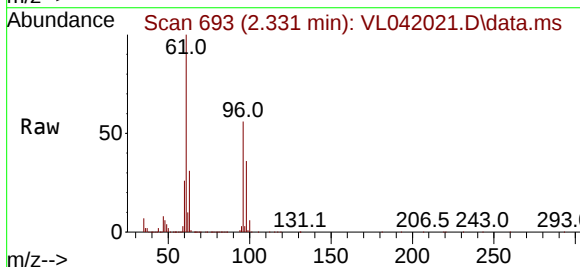
Instrument :
 MSVOA_L
 ClientSampleId :

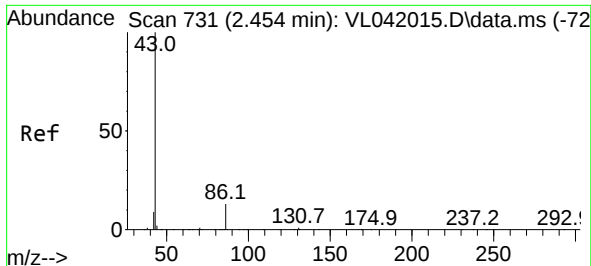
Tgt Ion: 41 Resp: 146143
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 76.9 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 14.500 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

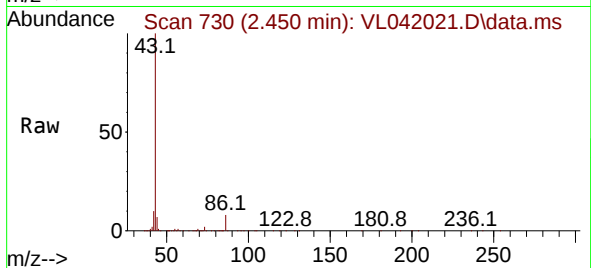
Tgt Ion: 96 Resp: 88308
 Ion Ratio Lower Upper
 96 100
 61 178.4 142.3 213.5
 98 64.1 50.2 75.2



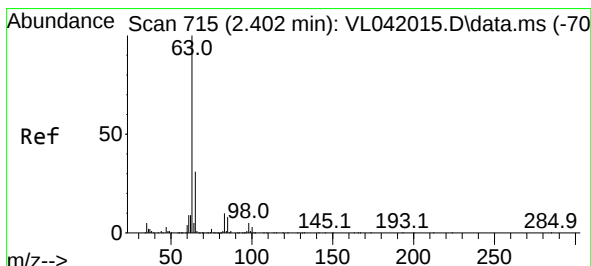
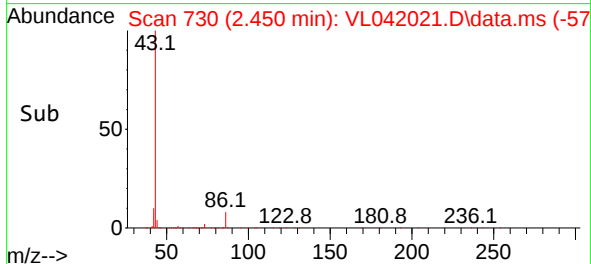
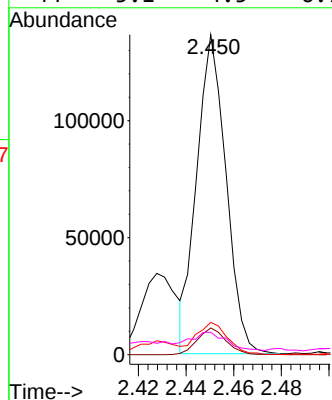


#23
 Vinyl Acetate
 Concen: 14.975 ppbv
 RT: 2.450 min Scan# 714
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Instrument :
 MSVOA_L
 ClientSampleId :

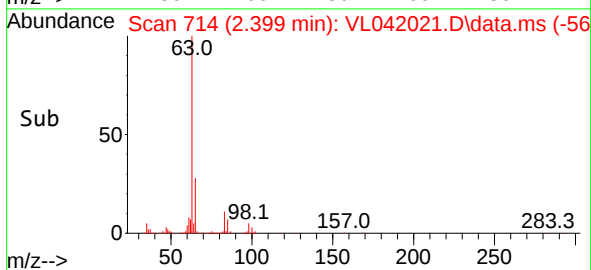
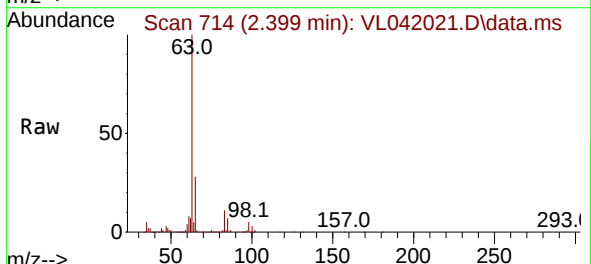
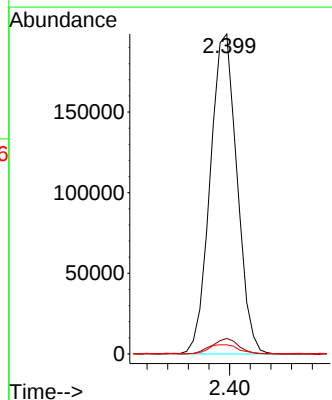


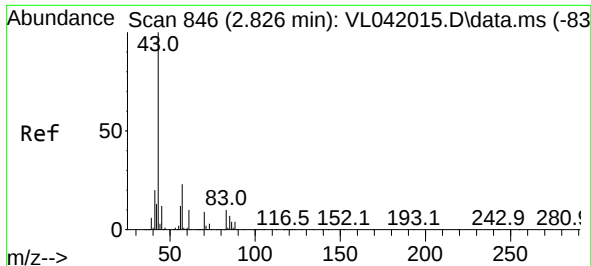
Tgt Ion:	43	Resp:	116346
Ion	Ratio	Lower	Upper
43	100		
86	8.3	8.1	12.1
42	10.1	7.5	11.3
44	5.1	4.5	6.7



#24
 1,1-Dichloroethane
 Concen: 14.485 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Tgt Ion:	63	Resp:	179098
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.4	7.2
100	2.8	1.6	4.8



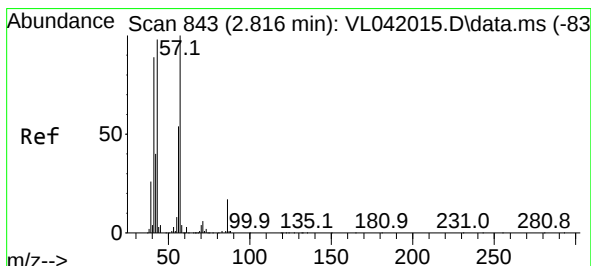
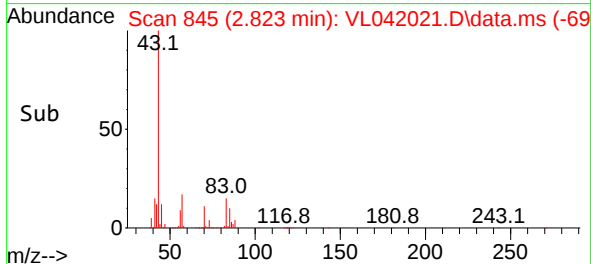
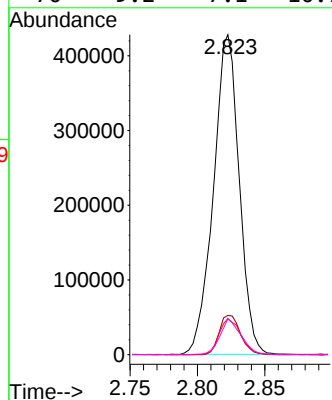
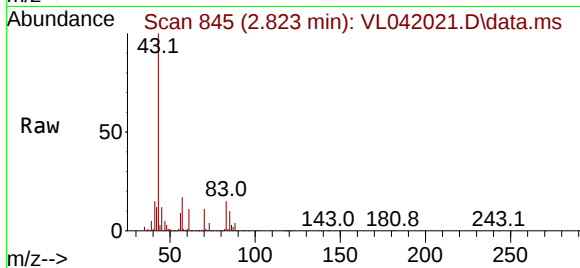


#25
Ethyl Acetate
Concen: 14.459 ppbv
RT: 2.823 min Scan# 84
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 569390

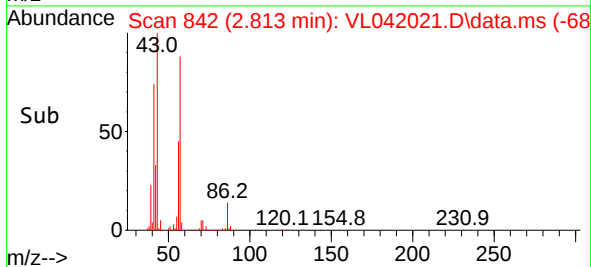
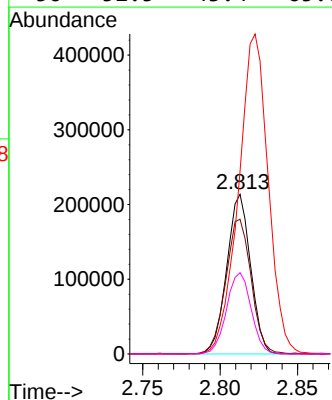
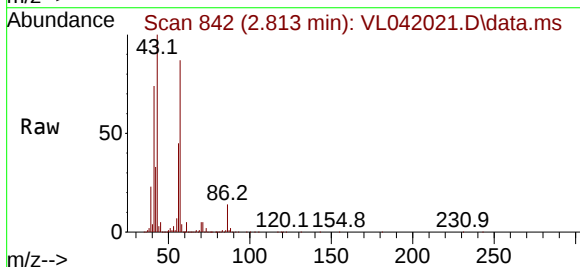
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.4	7.5	11.3
70	9.2	7.1	10.7

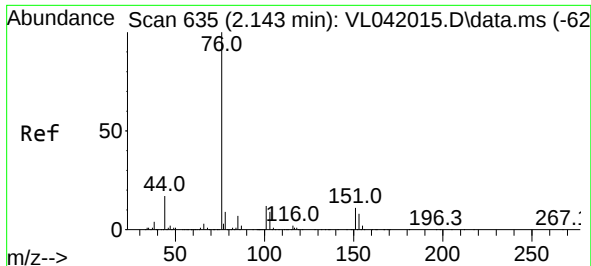


#26
Hexane
Concen: 14.459 ppbv
RT: 2.813 min Scan# 842
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 57 Resp: 228493

Ion	Ratio	Lower	Upper
57	100		
41	91.3	73.2	109.8
43	249.8	200.8	301.2
56	52.5	43.4	65.0

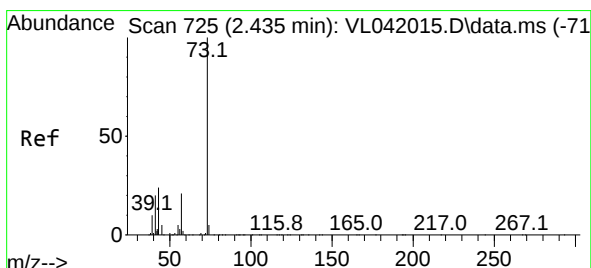
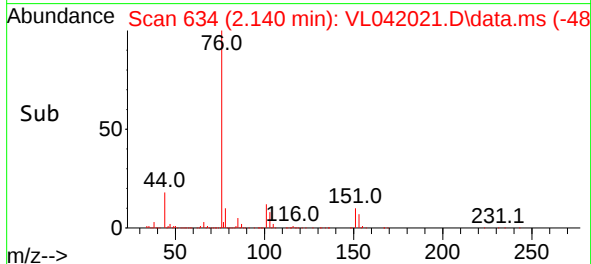
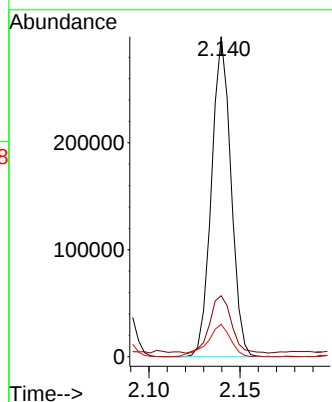
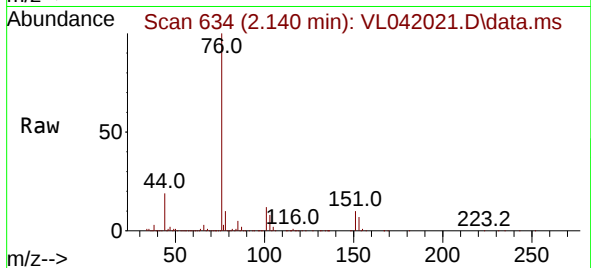




#27
Carbon Disulfide
Concen: 14.941 ppbv
RT: 2.140 min Scan# 61
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

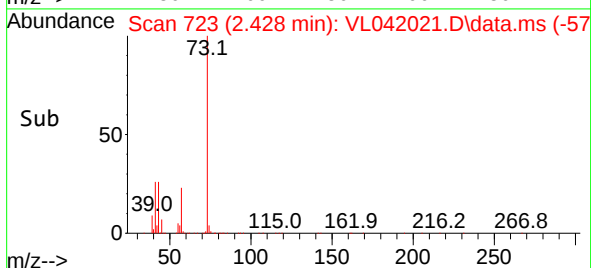
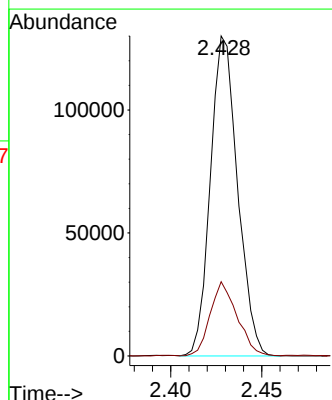
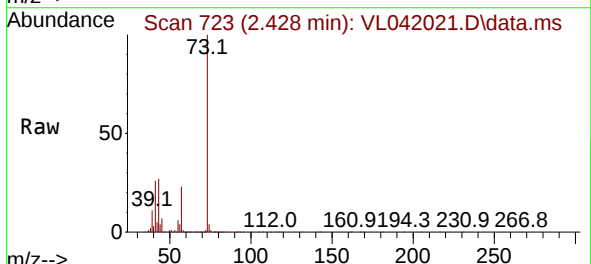
Instrument :
MSVOA_L
ClientSampleId :

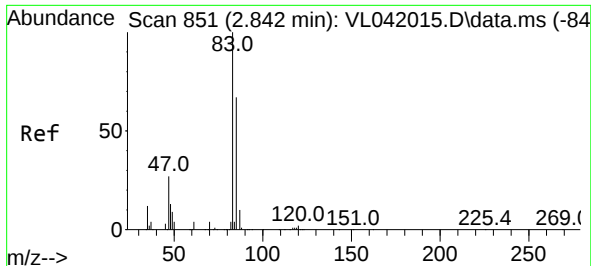
Tgt Ion: 76 Resp: 222067
Ion Ratio Lower Upper
76 100
44 20.8 18.1 27.1
78 12.0 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 14.003 ppbv
RT: 2.428 min Scan# 723
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 73 Resp: 135275
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5





#29

Chloroform

Concen: 14.680 ppbv

RT: 2.836 min Scan# 84

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

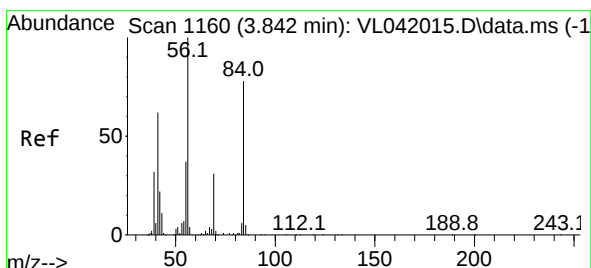
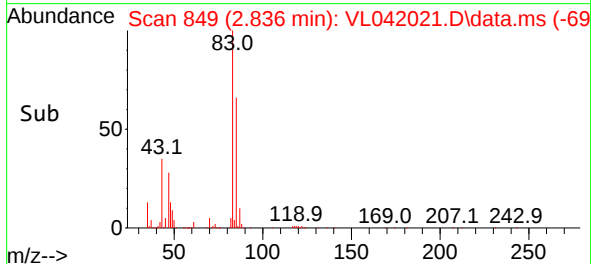
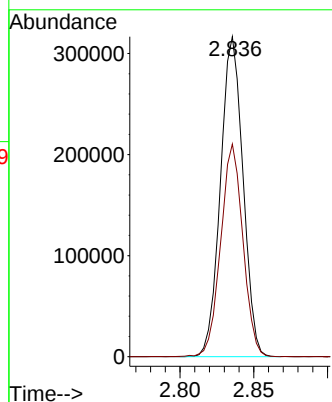
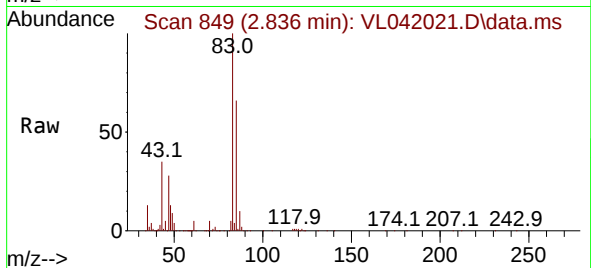
ClientSampleId :

Tgt Ion: 83 Resp: 336006

Ion Ratio Lower Upper

83 100

85 66.4 53.8 80.6



#30

Cyclohexane

Concen: 14.786 ppbv

RT: 3.836 min Scan# 1158

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

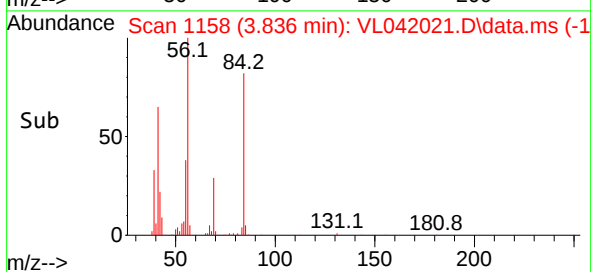
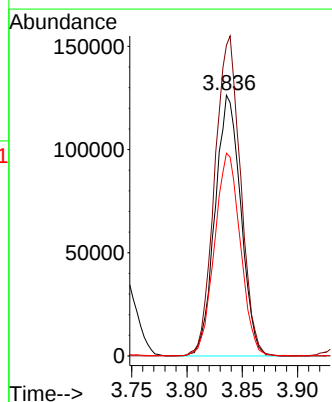
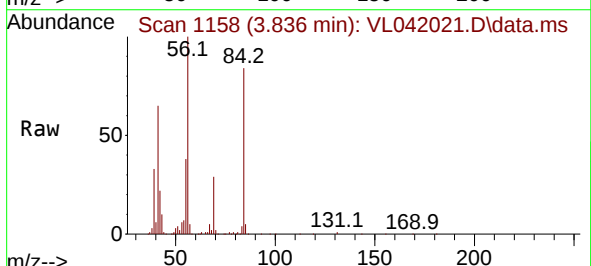
Tgt Ion: 84 Resp: 204650

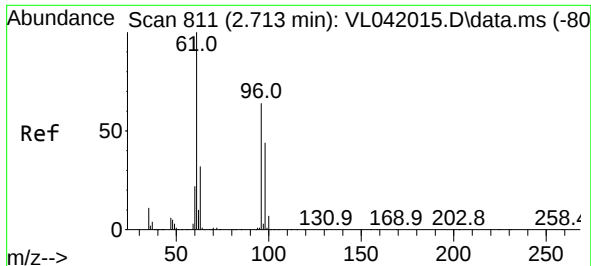
Ion Ratio Lower Upper

84 100

56 122.5 99.5 149.3

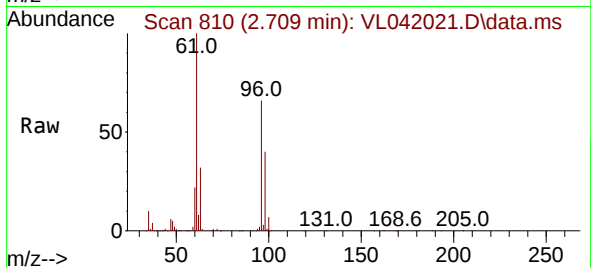
41 78.1 62.2 93.2



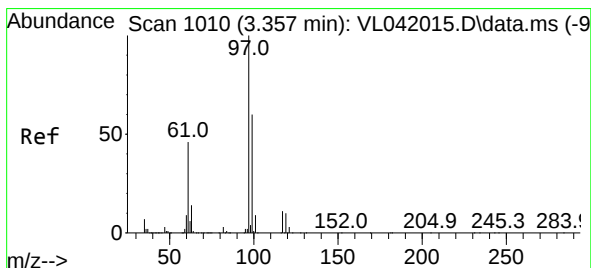
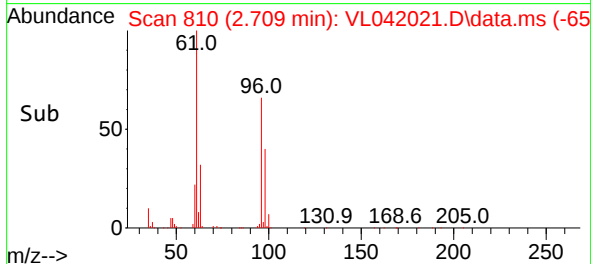
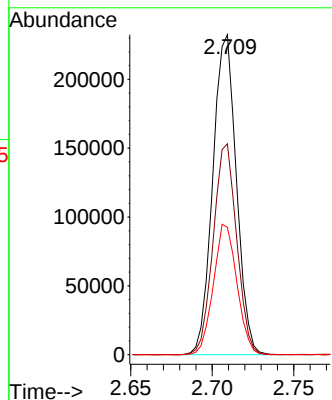


#31
 cis-1,2-Dichloroethene
 Concen: 14.967 ppbv
 RT: 2.709 min Scan# 811
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Instrument :
 MSVOA_L
 ClientSampleId :

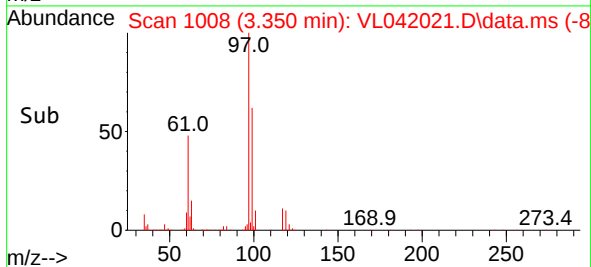
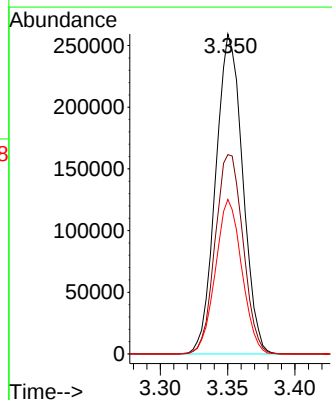
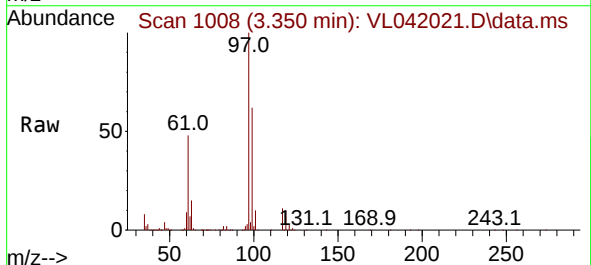


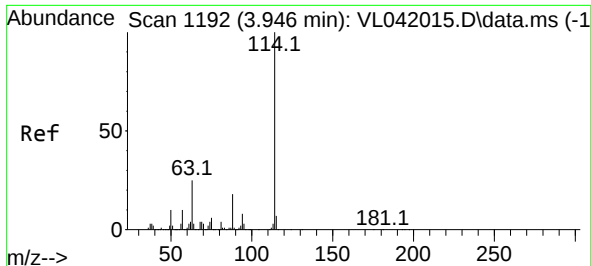
Tgt Ion: 61 Resp: 233761
 Ion Ratio Lower Upper
 61 100
 96 65.9 51.6 77.4
 98 39.8 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 14.247 ppbv
 RT: 3.350 min Scan# 1008
 Delta R.T. -0.007 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Tgt Ion: 97 Resp: 361627
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.0 76.4
 61 47.2 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.936 min Scan# 1189

Delta R.T. -0.010 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

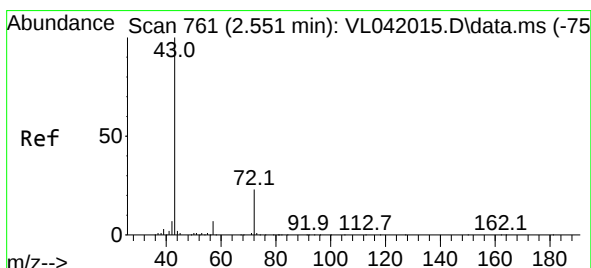
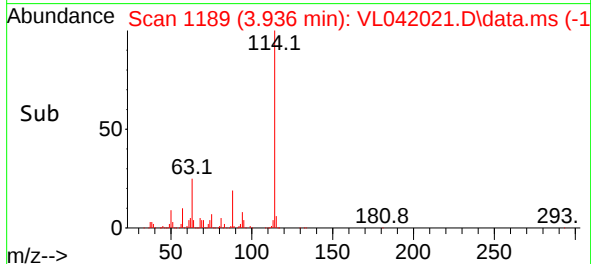
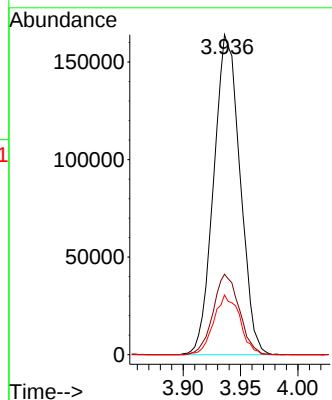
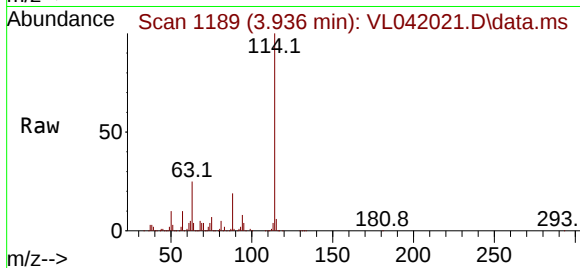
Tgt Ion:114 Resp: 262414

Ion Ratio Lower Upper

114 100

63 24.9 20.2 30.2

88 18.4 14.4 21.6



#34

2-Butanone

Concen: 14.409 ppbv

RT: 2.544 min Scan# 759

Delta R.T. -0.007 min

Lab File: VL042021.D

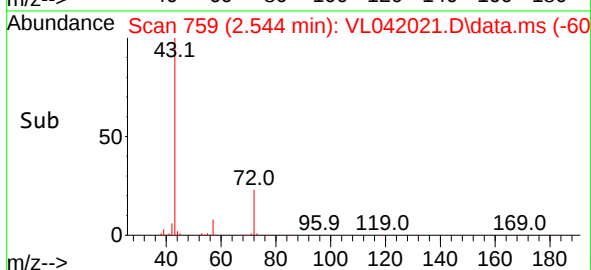
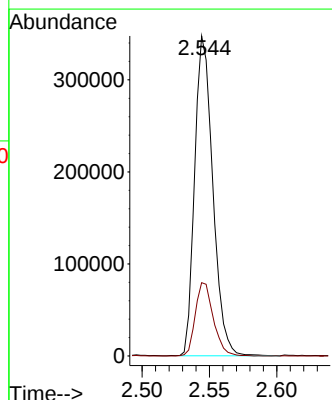
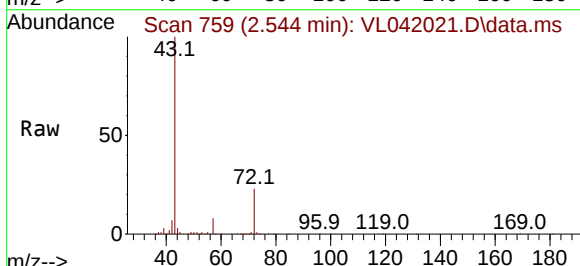
Acq: 14 Feb 2025 15:31

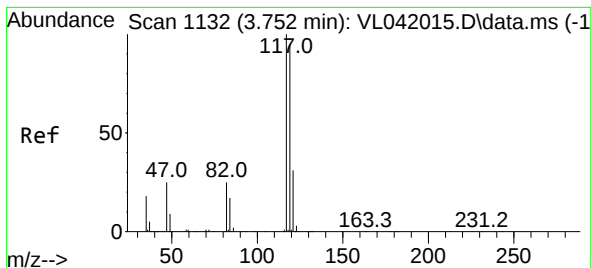
Tgt Ion: 43 Resp: 325304

Ion Ratio Lower Upper

43 100

72 22.8 18.3 27.5





#35

Carbon Tetrachloride

Concen: 14.222 ppbv

RT: 3.742 min Scan# 1129

Delta R.T. -0.010 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

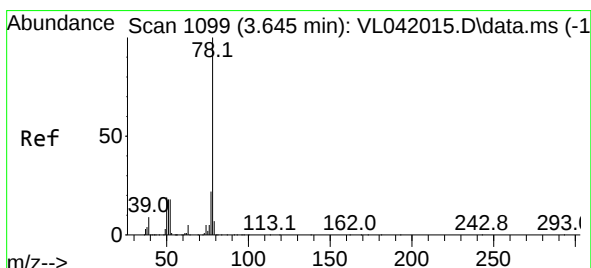
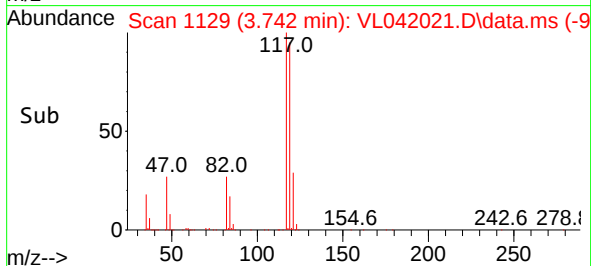
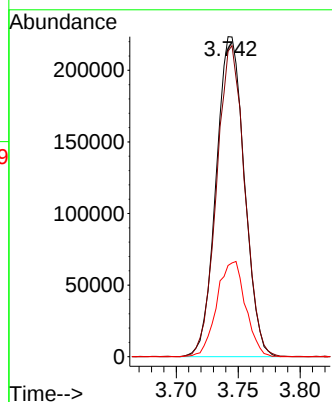
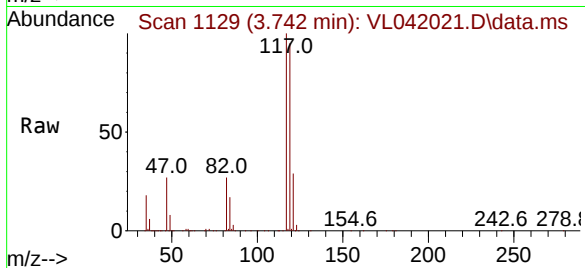
Tgt Ion:117 Resp: 355299

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.6

121 28.5 24.6 36.8



#36

Benzene

Concen: 15.026 ppbv

RT: 3.638 min Scan# 1097

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

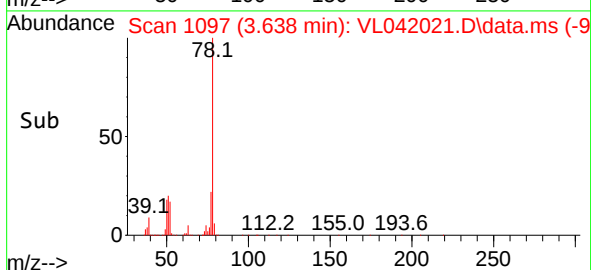
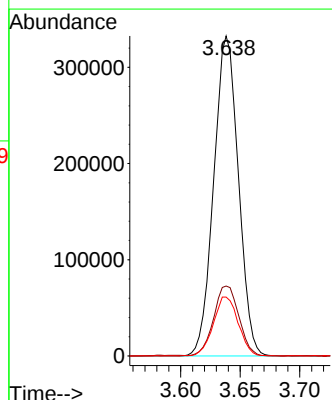
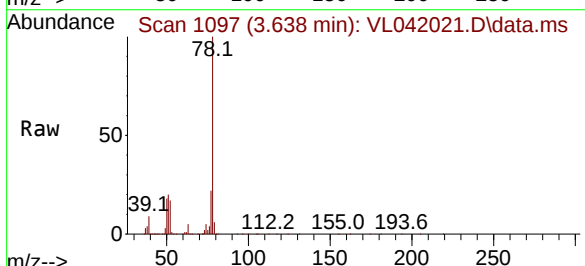
Tgt Ion: 78 Resp: 477637

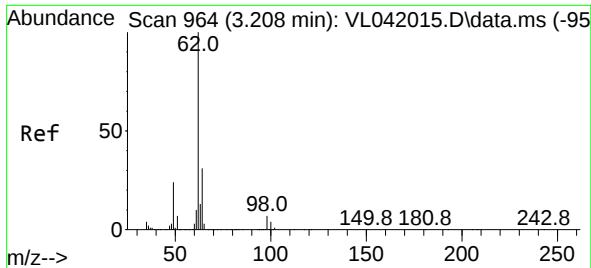
Ion Ratio Lower Upper

78 100

77 21.9 18.0 27.0

50 18.4 15.2 22.8





#37

1,2-Dichloroethane

Concen: 14.659 ppbv

RT: 3.204 min Scan# 9

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

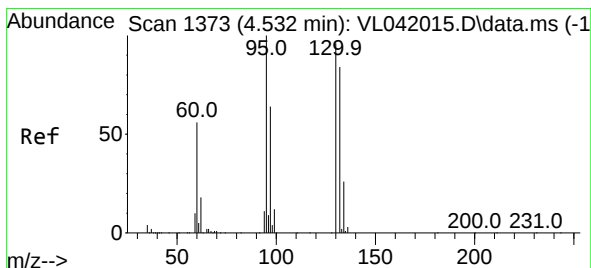
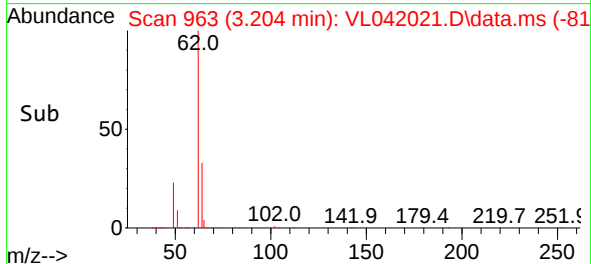
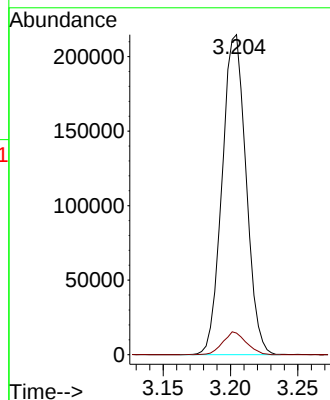
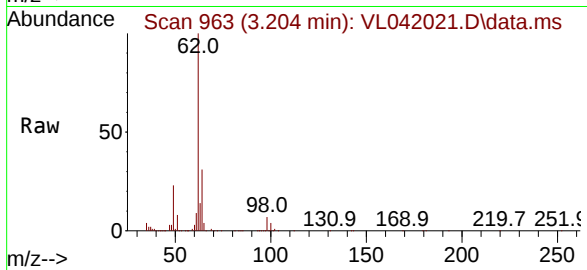
ClientSampleId :

Tgt Ion: 62 Resp: 265263

Ion Ratio Lower Upper

62 100

98 7.0 5.7 8.5



#38

Trichloroethene

Concen: 14.041 ppbv

RT: 4.525 min Scan# 1371

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Tgt Ion:130 Resp: 183311

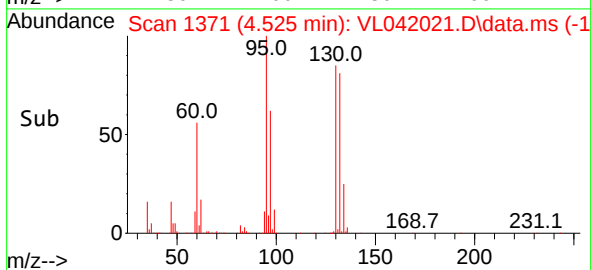
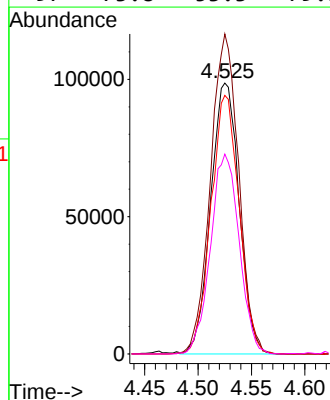
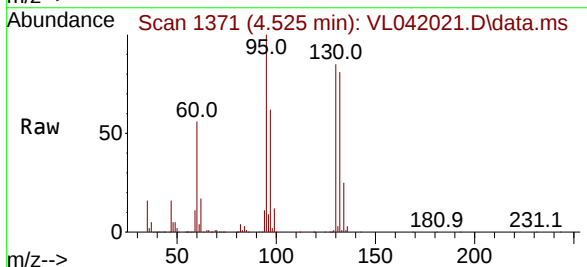
Ion Ratio Lower Upper

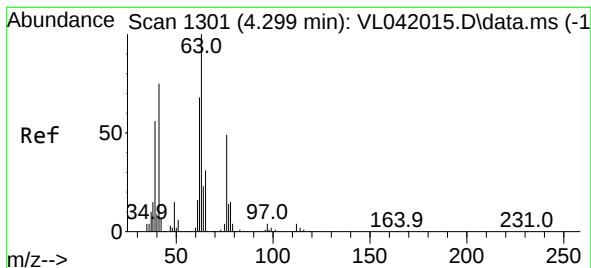
130 100

95 118.2 82.8 124.2

132 95.4 70.0 105.0

97 73.8 53.3 79.9





#39

1,2-Dichloropropane

Concen: 14.715 ppbv

RT: 4.289 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

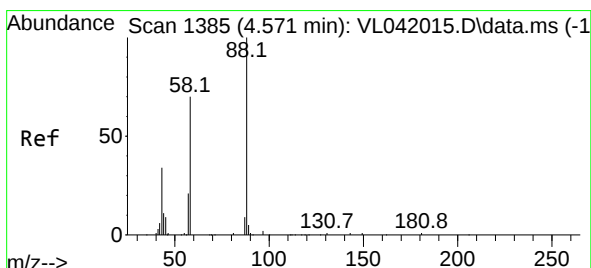
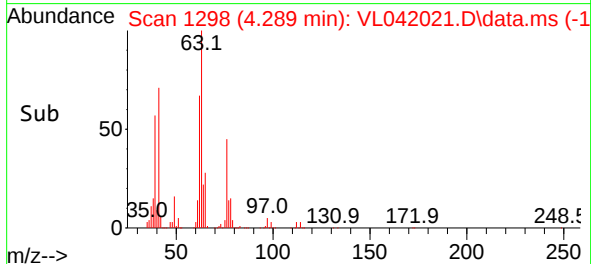
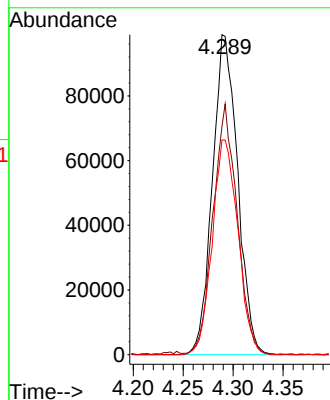
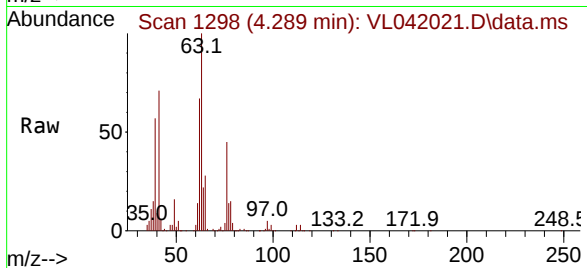
Tgt Ion: 63 Resp: 173533

Ion Ratio Lower Upper

63 100

41 71.0 60.1 90.1

62 67.1 54.0 81.0



#40

1,4-Dioxane

Concen: 13.560 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. -0.010 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Tgt Ion: 88 Resp: 81743

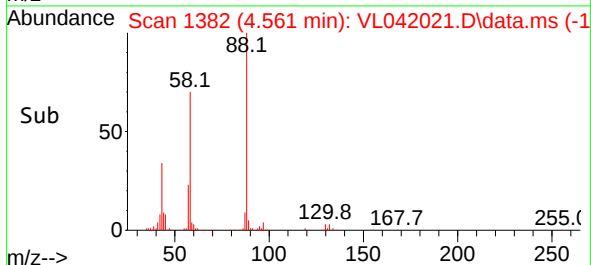
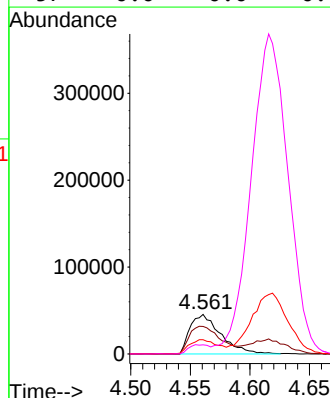
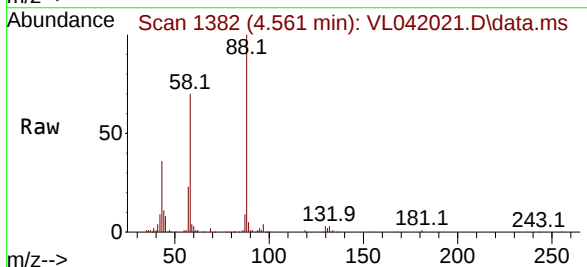
Ion Ratio Lower Upper

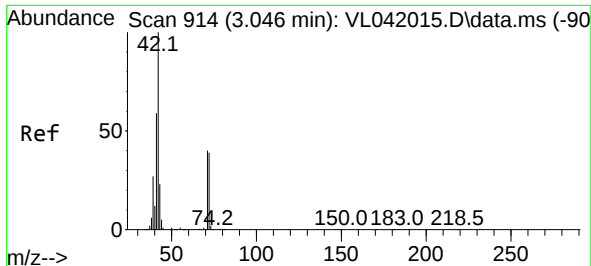
88 100

58 73.7 58.1 87.1

43 35.3 27.3 40.9

57 0.0 0.0 0.0

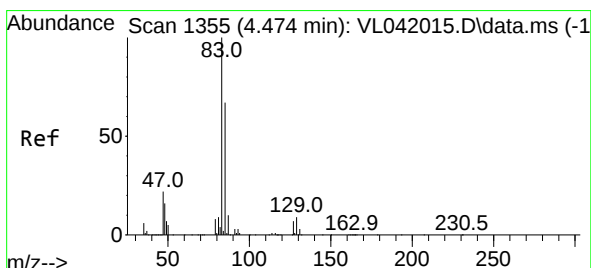
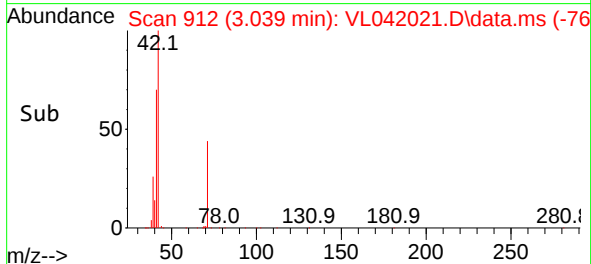
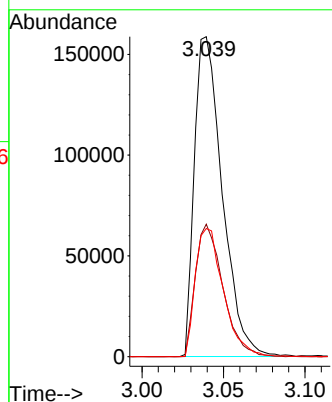
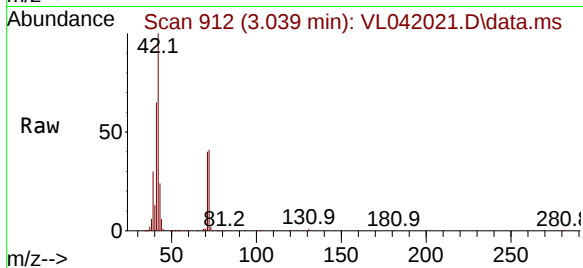




#41
Tetrahydrofuran
Concen: 14.339 ppbv
RT: 3.039 min Scan# 914
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

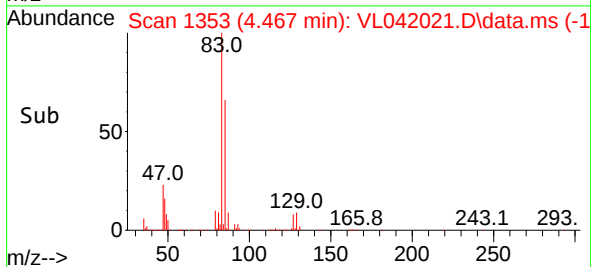
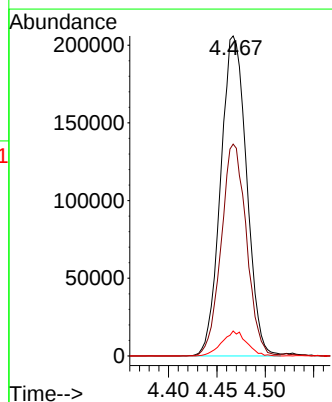
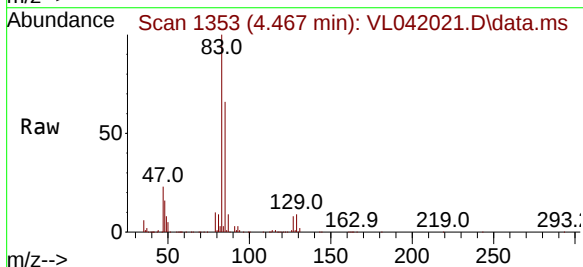
Instrument :
MSVOA_L
ClientSampleId :

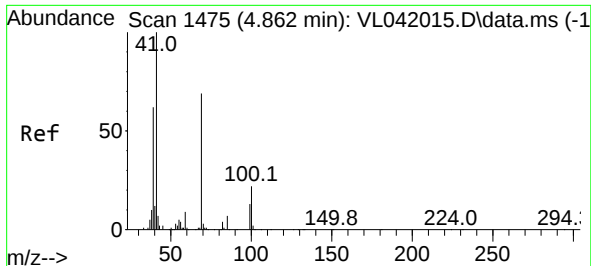
Tgt Ion: 42 Resp: 188901
Ion Ratio Lower Upper
42 100
72 40.9 32.3 48.5
71 40.5 30.9 46.3



#42
Bromodichloromethane
Concen: 15.642 ppbv
RT: 4.467 min Scan# 1353
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 83 Resp: 383649
Ion Ratio Lower Upper
83 100
85 66.2 53.3 79.9
127 7.8 6.0 9.0





#43

Methyl Methacrylate

Concen: 13.671 ppbv

RT: 4.852 min Scan# 1475

Delta R.T. -0.010 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

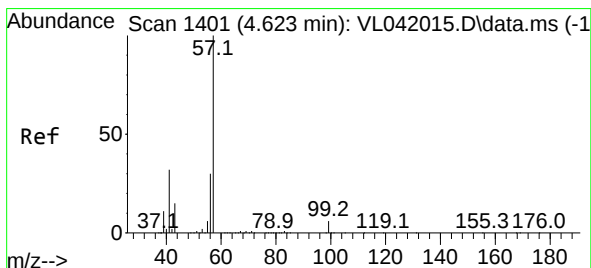
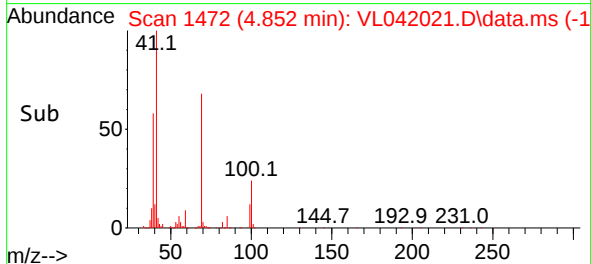
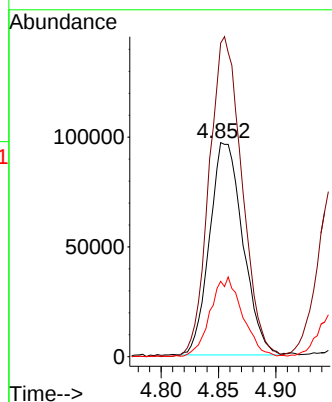
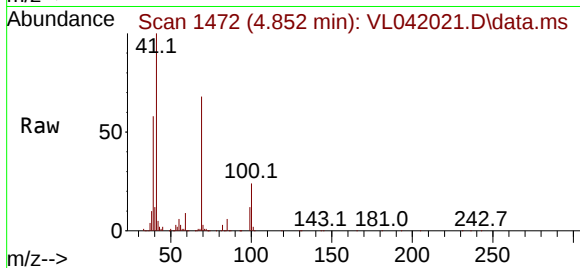
Tgt Ion: 69 Resp: 195343

Ion Ratio Lower Upper

69 100

41 148.3 114.9 172.3

100 36.4 28.8 43.2



#44

2,2,4-Trimethylpentane

Concen: 14.684 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

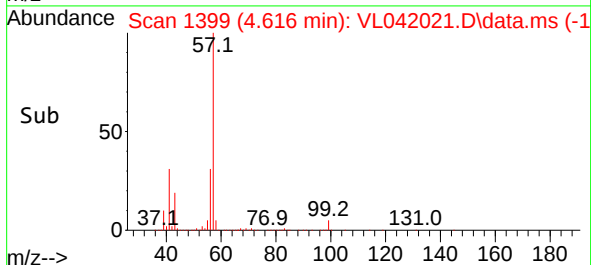
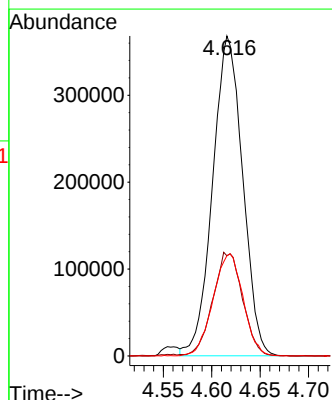
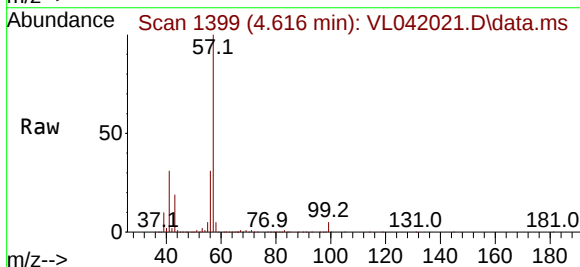
Tgt Ion: 57 Resp: 792396

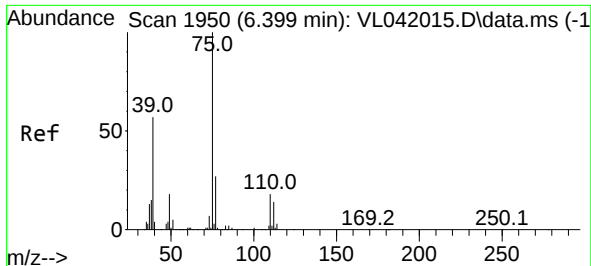
Ion Ratio Lower Upper

57 100

41 32.6 25.9 38.9

56 32.0 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 15.480 ppbv

RT: 6.389 min Scan# 1947

Delta R.T. -0.010 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

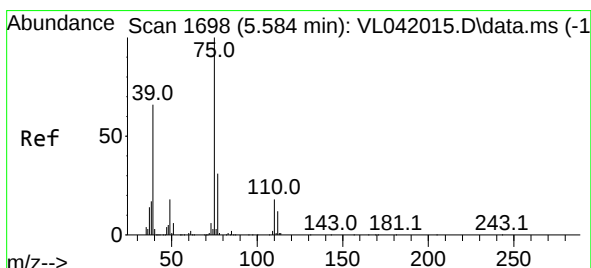
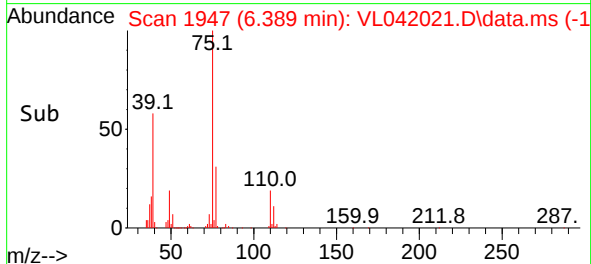
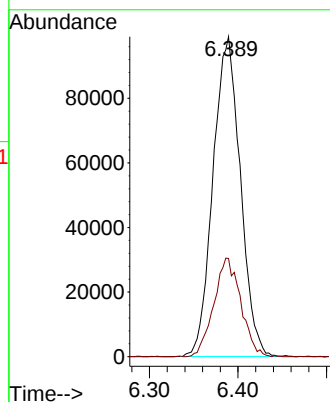
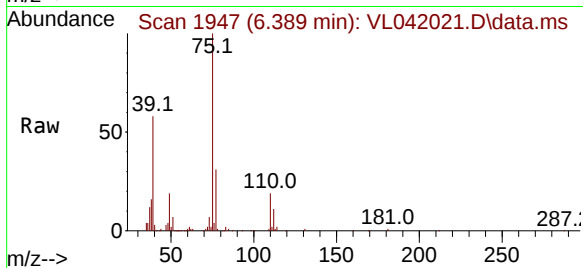
ClientSampleId :

Tgt Ion: 75 Resp: 212040

Ion Ratio Lower Upper

75 100

77 30.7 22.1 33.1



#46

cis-1,3-Dichloropropene

Concen: 15.119 ppbv

RT: 5.570 min Scan# 1694

Delta R.T. -0.013 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

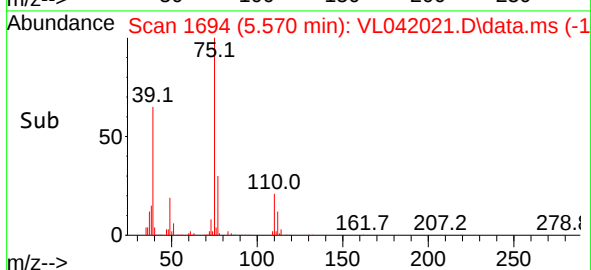
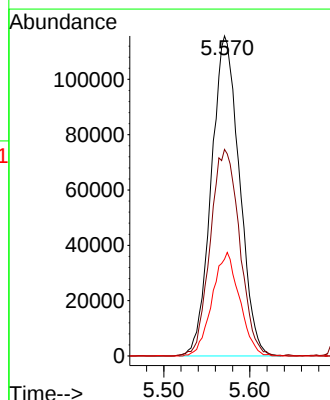
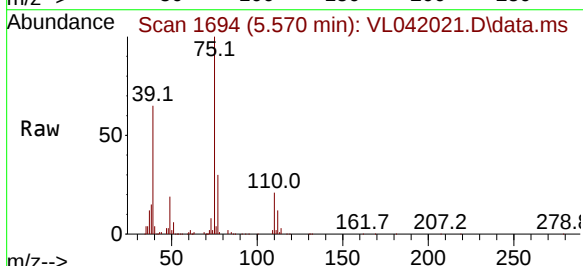
Tgt Ion: 75 Resp: 262404

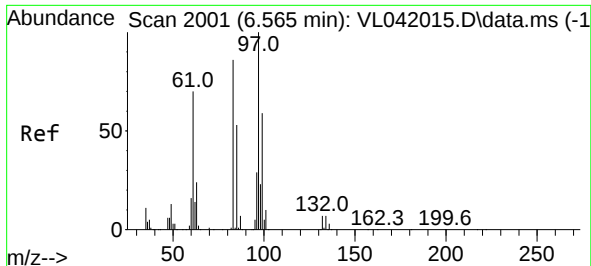
Ion Ratio Lower Upper

75 100

39 64.3 52.2 78.4

77 30.3 24.5 36.7





#47

1,1,2-Trichloroethane

Concen: 15.018 ppbv

RT: 6.558 min Scan# 1999

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 184185

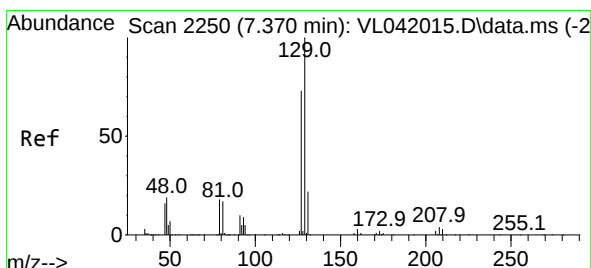
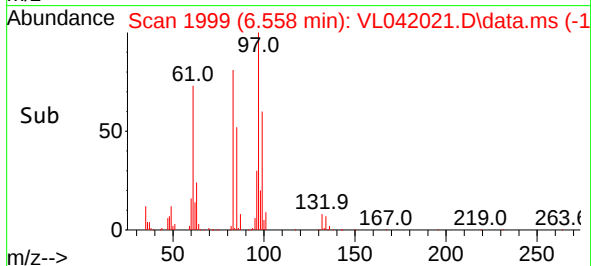
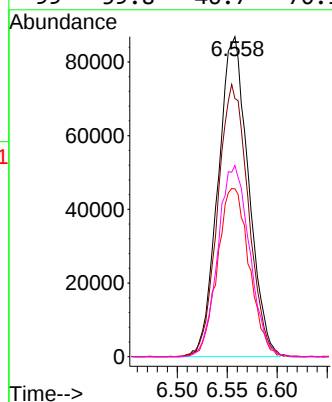
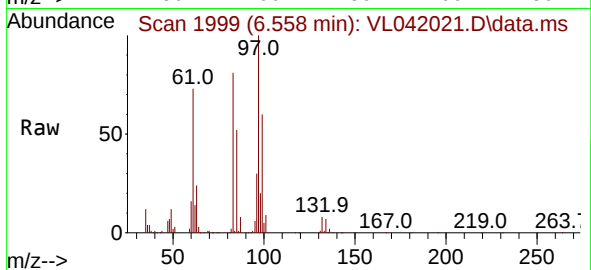
Ion Ratio Lower Upper

97 100

83 80.6 68.6 102.8

85 52.3 42.2 63.4

99 59.8 46.7 70.1



#48

Dibromochloromethane

Concen: 15.086 ppbv

RT: 7.367 min Scan# 2249

Delta R.T. -0.004 min

Lab File: VL042021.D

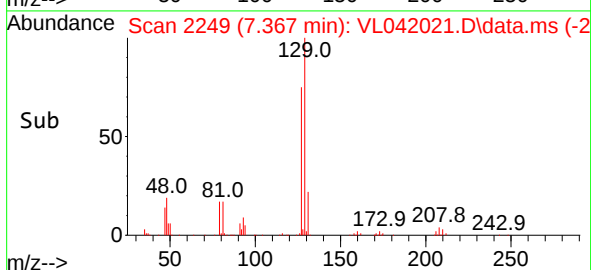
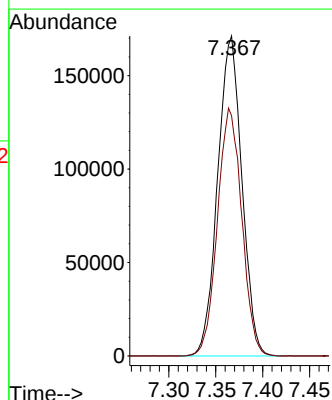
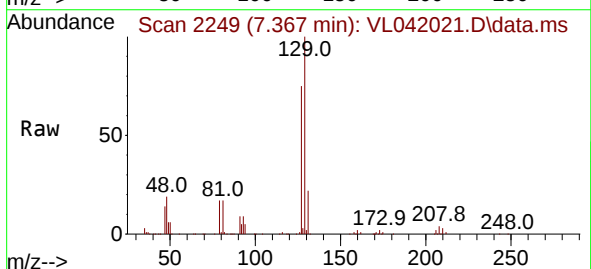
Acq: 14 Feb 2025 15:31

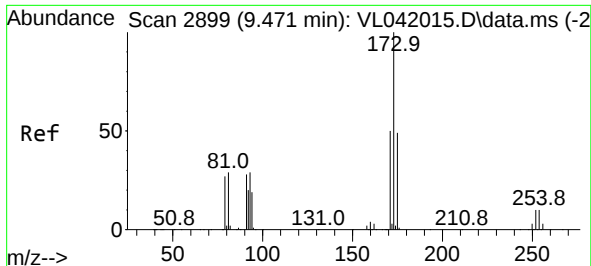
Tgt Ion: 129 Resp: 307444

Ion Ratio Lower Upper

129 100

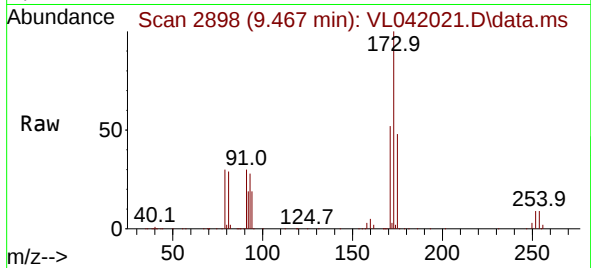
127 77.5 38.2 114.6



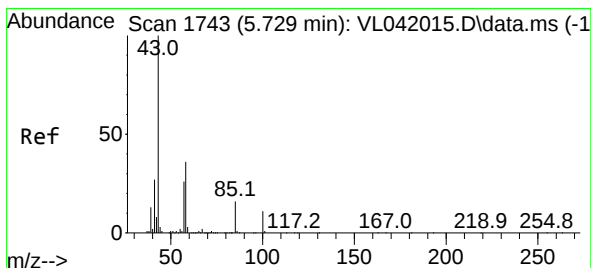
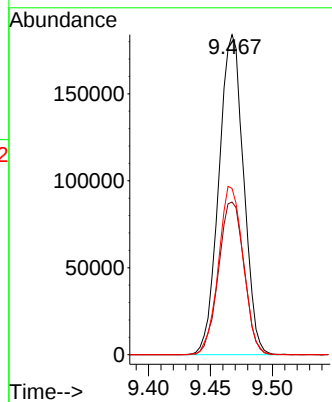
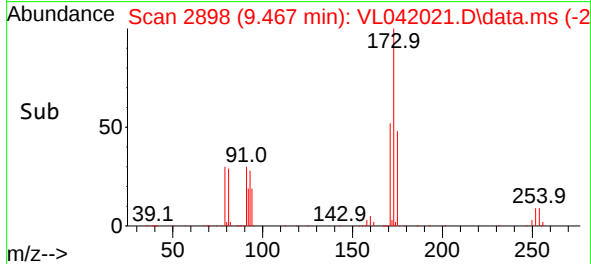


#49
Bromoform
Concen: 15.207 ppbv
RT: 9.467 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Instrument :
MSVOA_L
ClientSampleId :

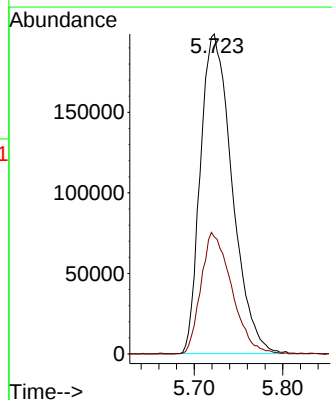
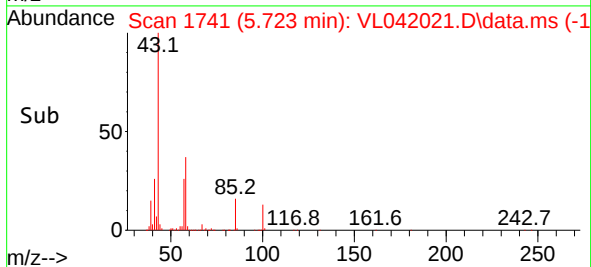
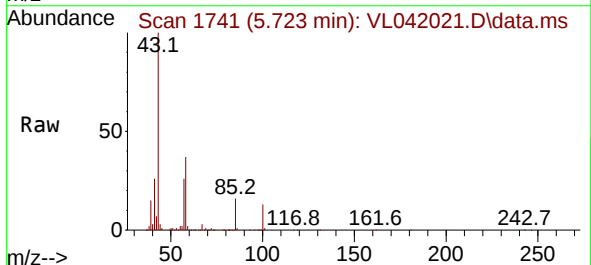


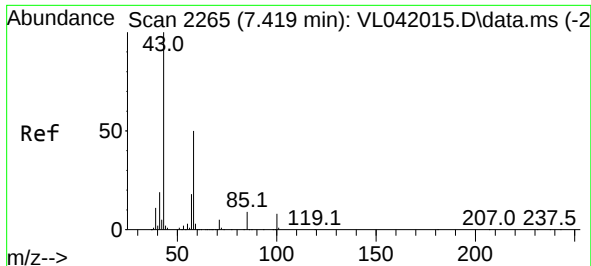
Tgt Ion:173 Resp: 256214
Ion Ratio Lower Upper
173 100
175 49.3 39.3 58.9
171 52.3 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 14.067 ppbv
RT: 5.723 min Scan# 1741
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 43 Resp: 493570
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0

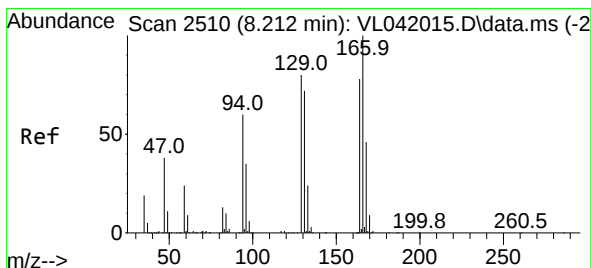
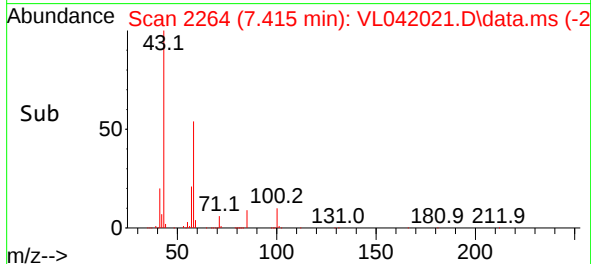
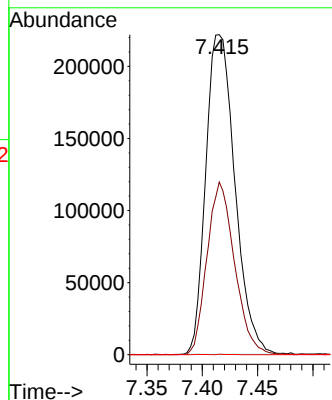
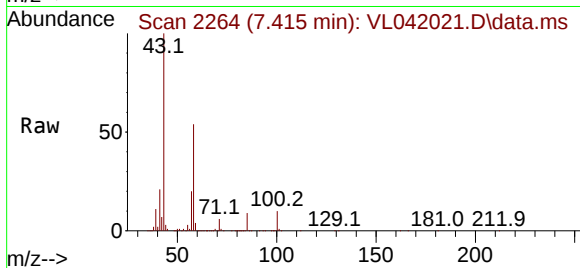




#51
2-Hexanone
Concen: 14.128 ppbv
RT: 7.415 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

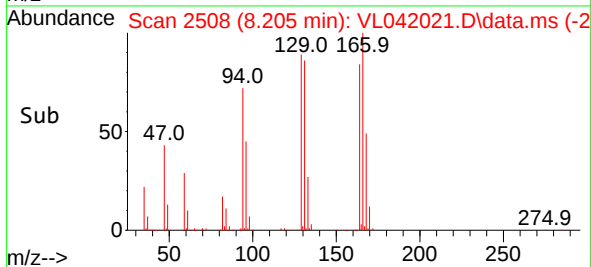
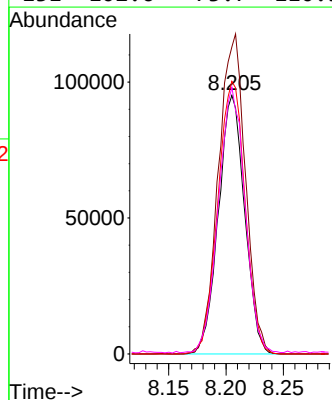
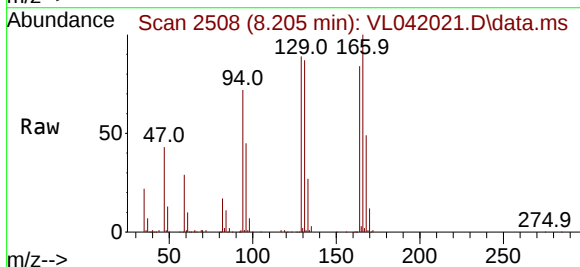
Instrument :
MSVOA_L
ClientSampleId :

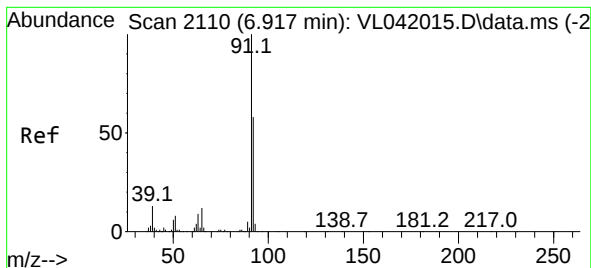
Tgt Ion: 43 Resp: 406282
Ion Ratio Lower Upper
43 100
58 51.0 41.4 62.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 13.578 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 164 Resp: 150659
Ion Ratio Lower Upper
164 100
166 118.7 102.2 153.2
129 105.4 82.2 123.4
131 102.6 73.7 110.5





#53

Toluene

Concen: 14.831 ppbv

RT: 6.910 min Scan# 2110

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

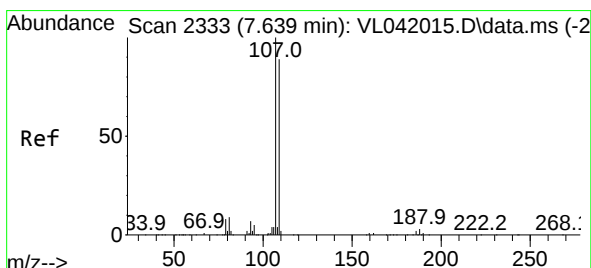
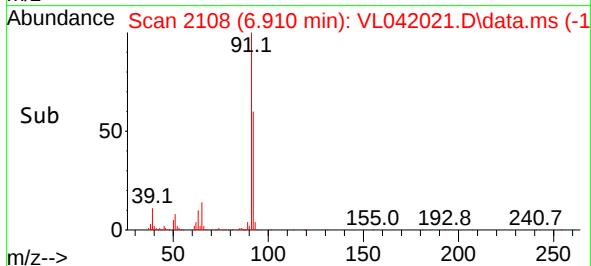
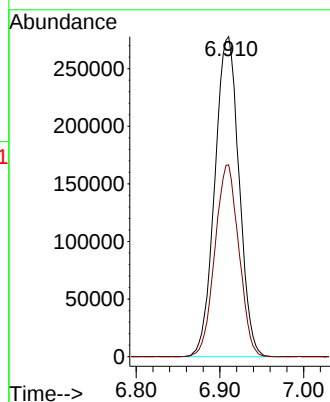
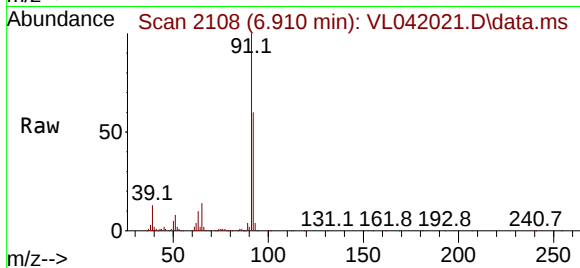
ClientSampleId :

Tgt Ion: 91 Resp: 557848

Ion Ratio Lower Upper

91 100

92 59.3 47.5 71.3



#54

1,2-Dibromoethane

Concen: 15.004 ppbv

RT: 7.632 min Scan# 2331

Delta R.T. -0.007 min

Lab File: VL042021.D

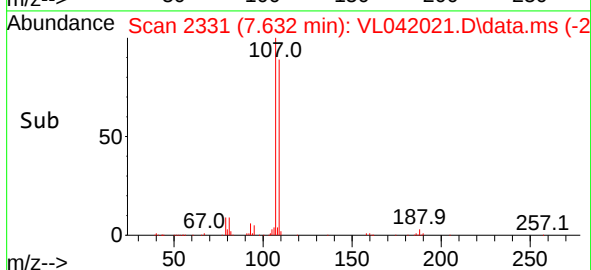
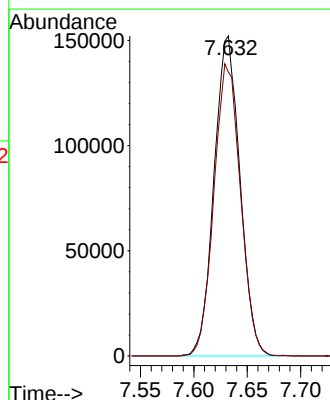
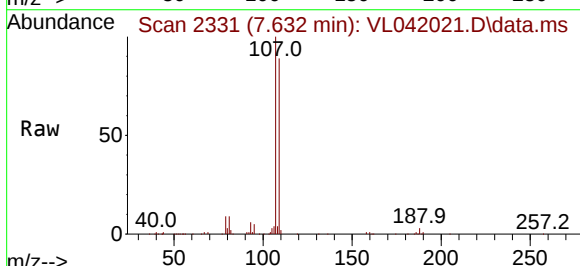
Acq: 14 Feb 2025 15:31

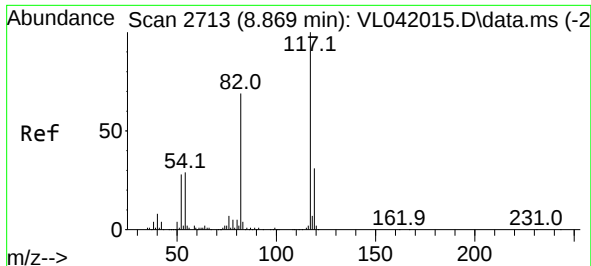
Tgt Ion: 107 Resp: 256693

Ion Ratio Lower Upper

107 100

109 88.7 71.5 107.3

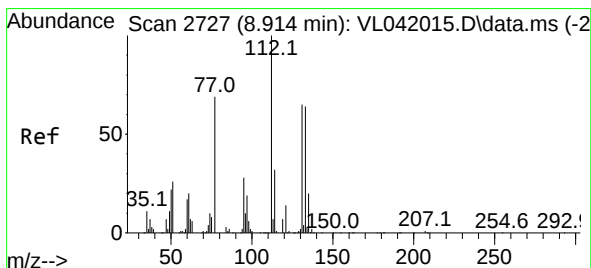
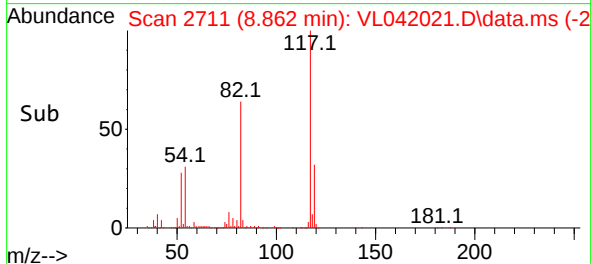
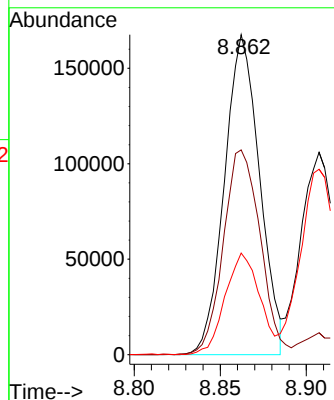
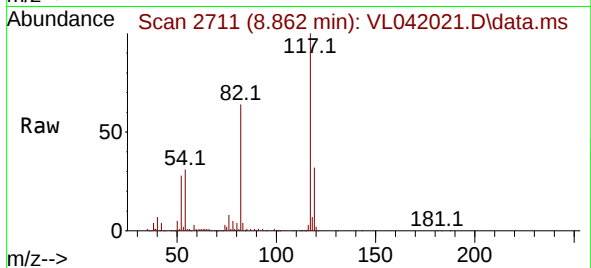




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

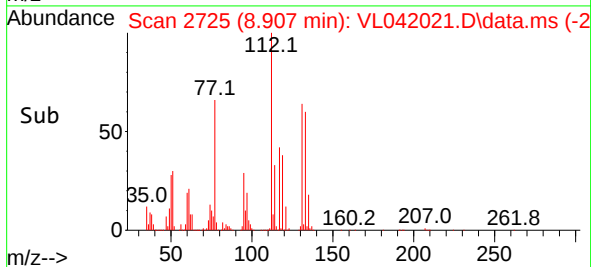
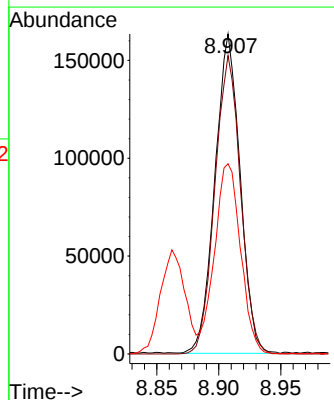
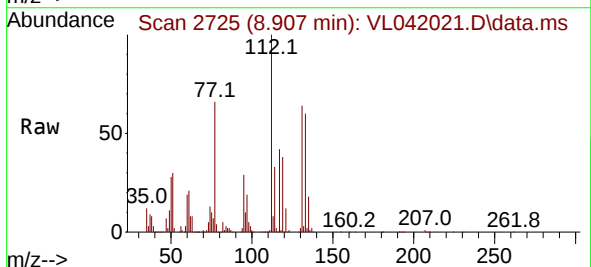
Instrument :
MSVOA_L
ClientSampleId :

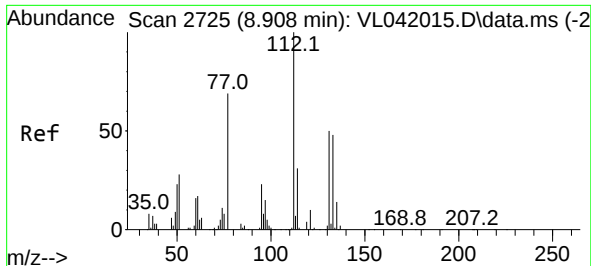
Tgt Ion:117 Resp: 237914
Ion Ratio Lower Upper
117 100
82 73.4 55.7 83.5
119 31.2 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 13.630 ppbv
RT: 8.907 min Scan# 2725
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion:131 Resp: 231487
Ion Ratio Lower Upper
131 100
133 95.1 77.8 116.8
119 61.1 49.1 73.7





#57

Chlorobenzene

Concen: 13.982 ppbv

RT: 8.904 min Scan# 21

Delta R.T. -0.004 min

Lab File: VL042021.D

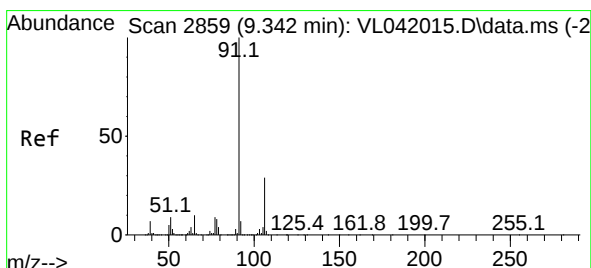
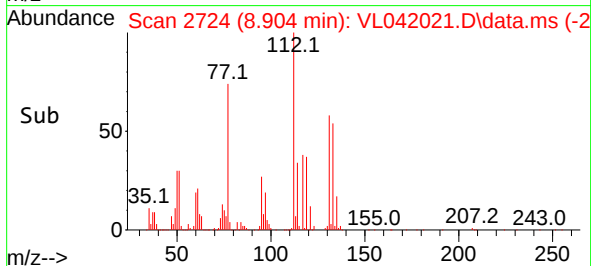
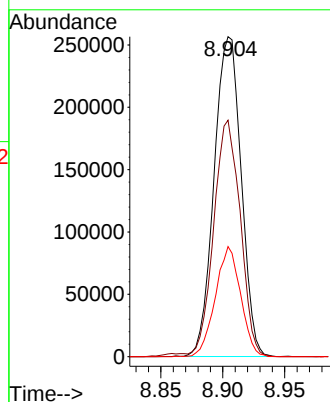
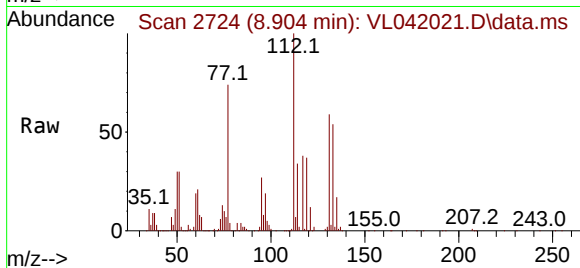
Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	391336
Ion	Ratio	Lower Upper
112	100	
77	73.9	56.2 84.2
114	34.4	28.2 34.4



#58

Ethyl Benzene

Concen: 14.760 ppbv

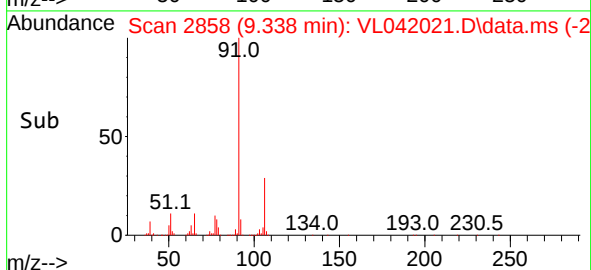
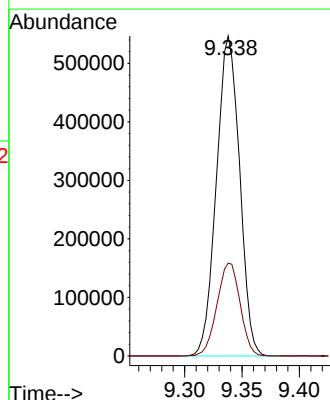
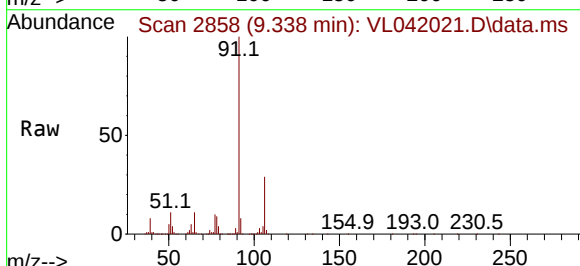
RT: 9.338 min Scan# 2858

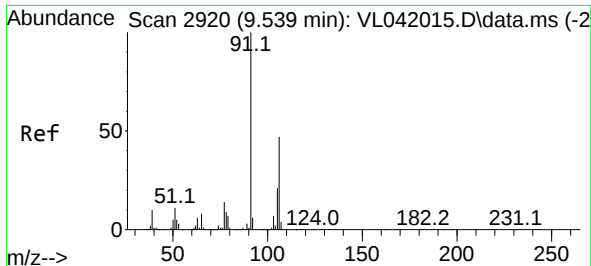
Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Tgt Ion: 91	Resp:	768548
Ion	Ratio	Lower Upper
91	100	
106	29.0	23.1 34.7





#59

m/p-Xylene

Concen: 13.643 ppbv

RT: 9.535 min Scan# 2919

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

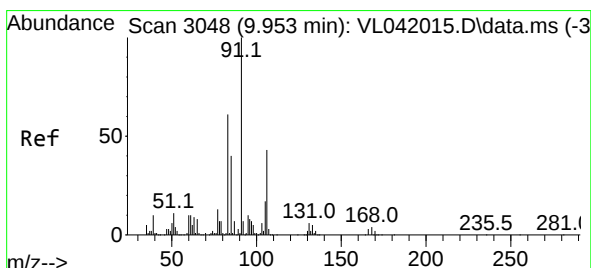
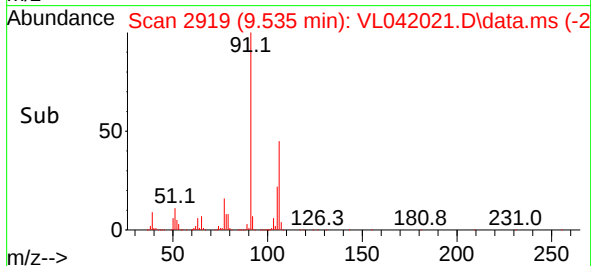
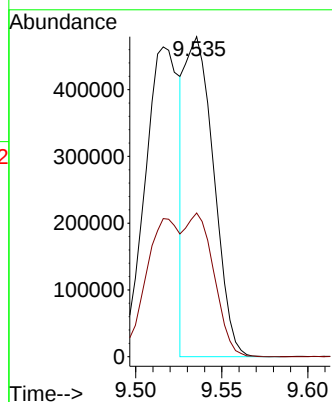
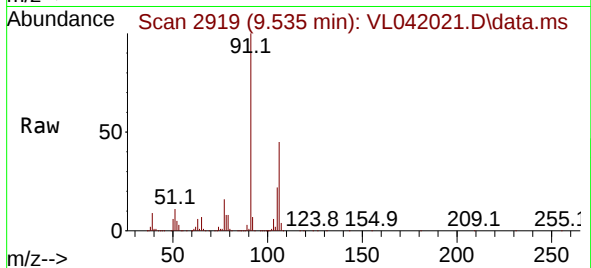
ClientSampleId :

Tgt Ion: 91 Resp: 560028

Ion Ratio Lower Upper

91 100

106 95.4 35.8 53.8#



#60

o-Xylene

Concen: 14.307 ppbv

RT: 9.946 min Scan# 3046

Delta R.T. -0.007 min

Lab File: VL042021.D

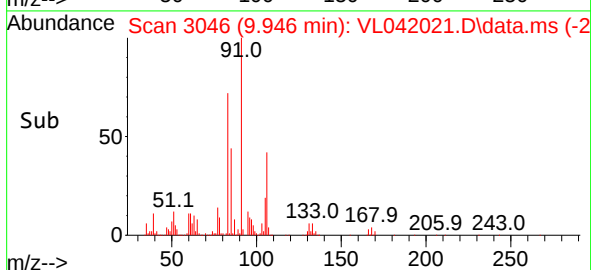
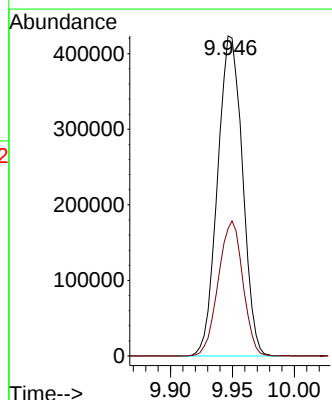
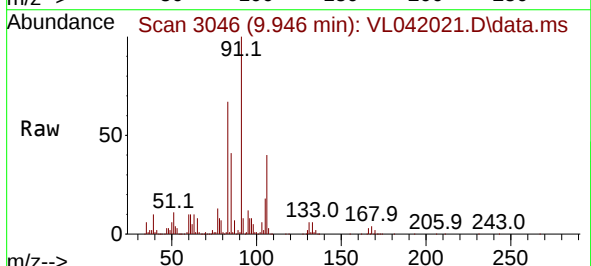
Acq: 14 Feb 2025 15:31

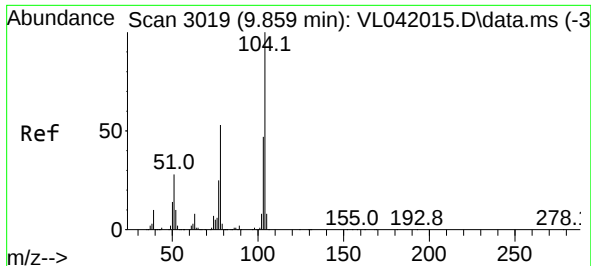
Tgt Ion: 91 Resp: 593457

Ion Ratio Lower Upper

91 100

106 41.5 21.4 64.3

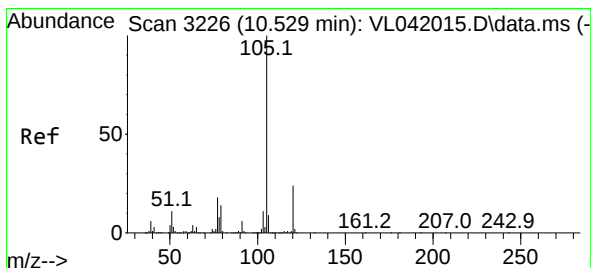
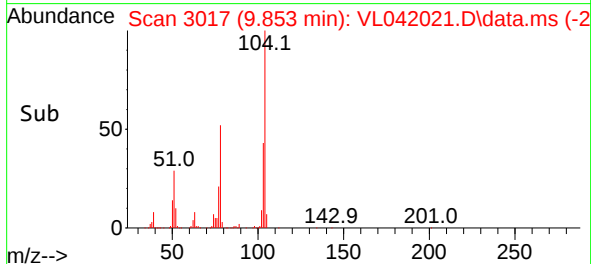
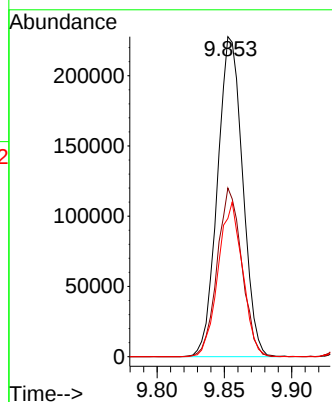
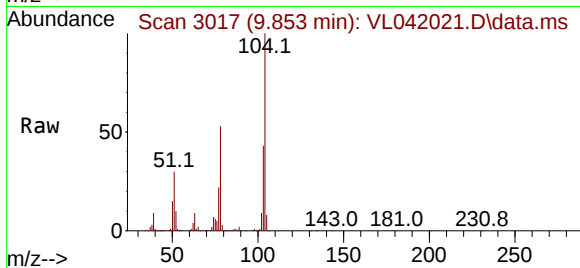




#61
Styrene
Concen: 14.978 ppbv
RT: 9.853 min Scan# 3019
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

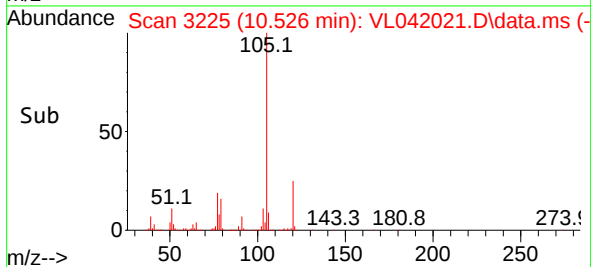
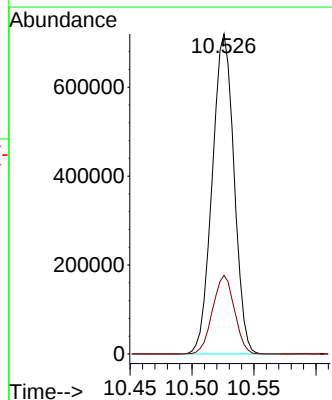
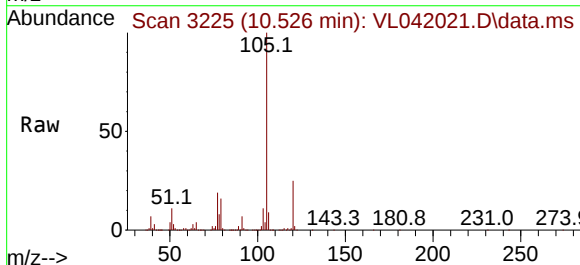
Instrument :
MSVOA_L
ClientSampleId :

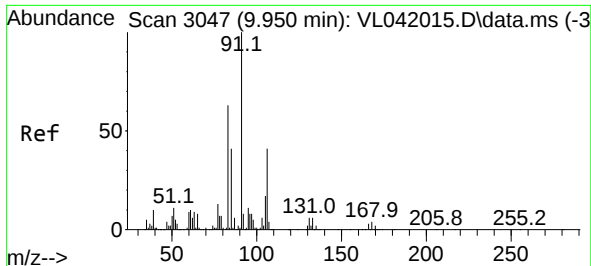
Tgt Ion:104 Resp: 296264
Ion Ratio Lower Upper
104 100
78 51.4 42.2 63.4
103 46.8 38.1 57.1



#62
Isopropylbenzene
Concen: 14.180 ppbv
RT: 10.526 min Scan# 3225
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion:105 Resp: 883027
Ion Ratio Lower Upper
105 100
120 24.6 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 13.331 ppbv

RT: 9.946 min Scan# 3046

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

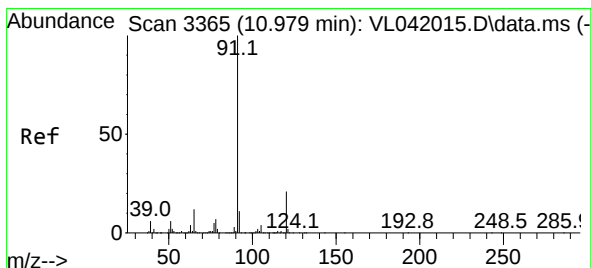
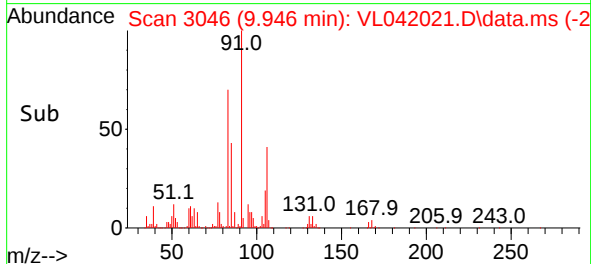
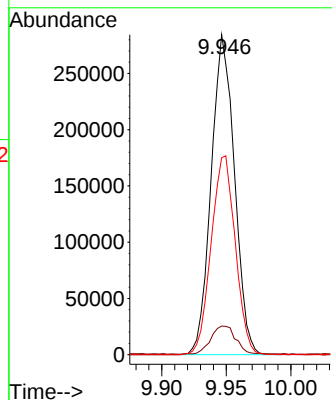
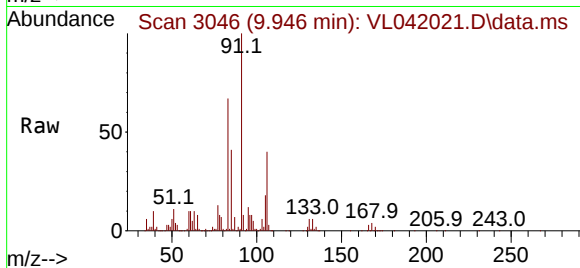
Tgt Ion: 83 Resp: 356686

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 64.4 32.1 96.3



#64

n-propylbenzene

Concen: 14.304 ppbv

RT: 10.976 min Scan# 3364

Delta R.T. -0.004 min

Lab File: VL042021.D

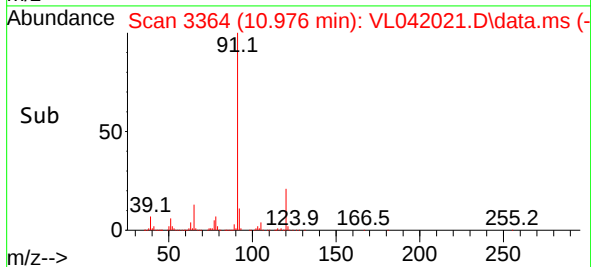
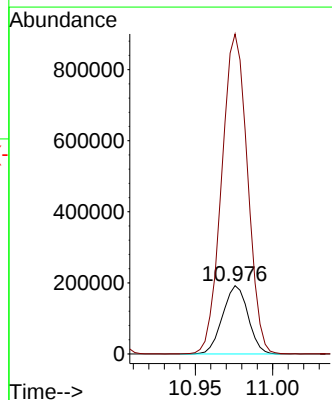
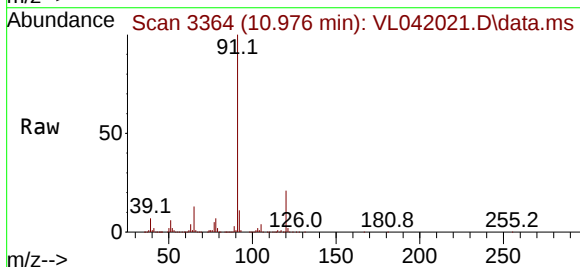
Acq: 14 Feb 2025 15:31

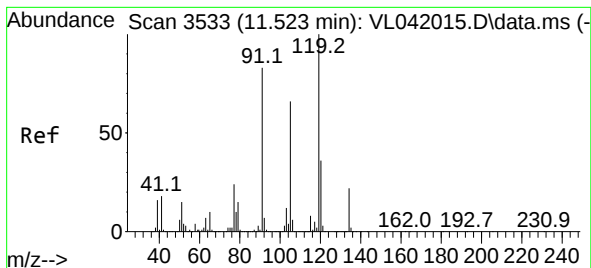
Tgt Ion: 120 Resp: 218866

Ion Ratio Lower Upper

120 100

91 478.6 392.2 588.2





#65

tert-Butylbenzene

Concen: 13.782 ppbv

RT: 11.519 min Scan# 3532

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

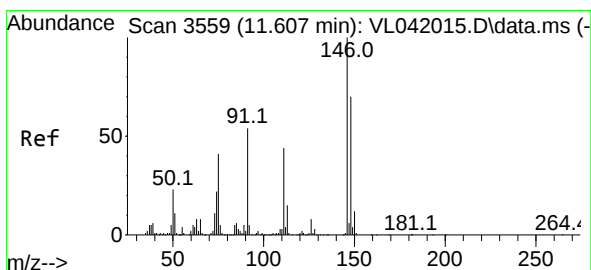
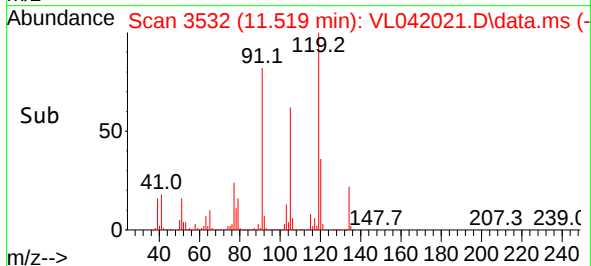
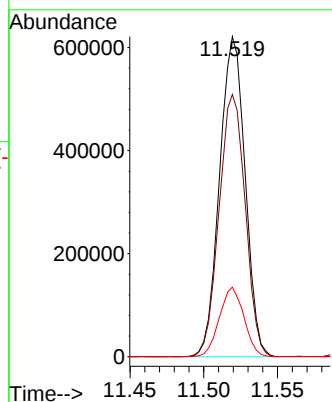
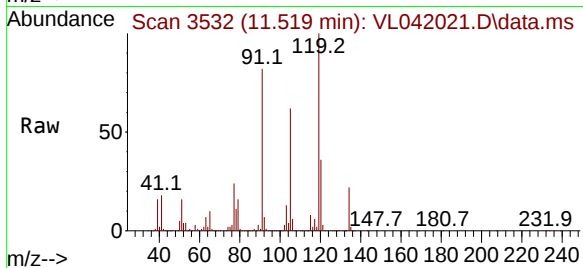
Tgt Ion:119 Resp: 748190

Ion Ratio Lower Upper

119 100

91 83.9 66.5 99.7

134 20.8 16.6 24.8



#66

Benzyl Chloride

Concen: 14.663 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

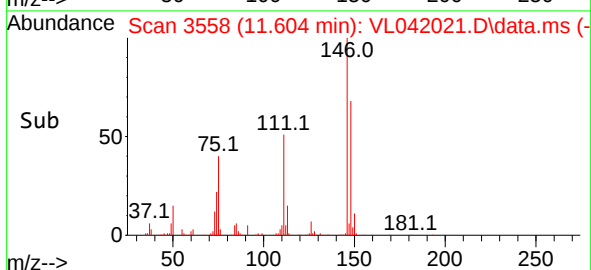
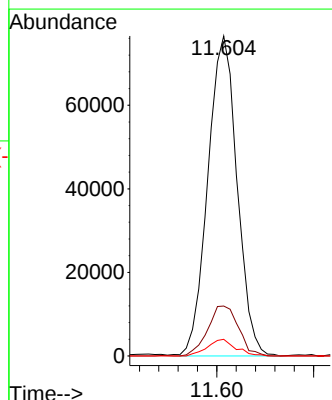
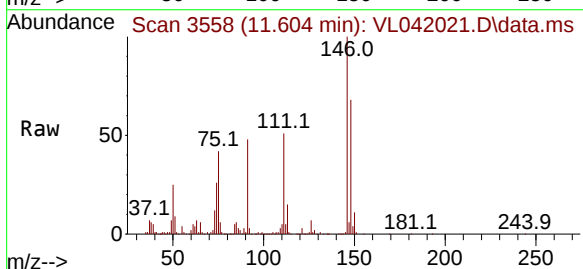
Tgt Ion: 91 Resp: 80312

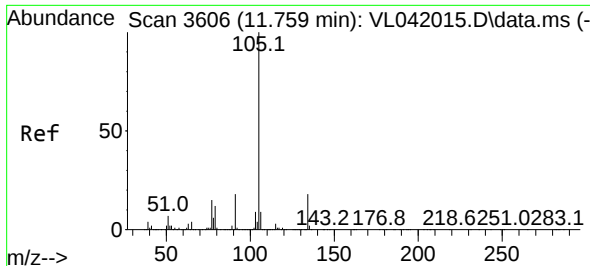
Ion Ratio Lower Upper

91 100

126 16.5 13.8 20.6

128 5.0 4.1 6.1

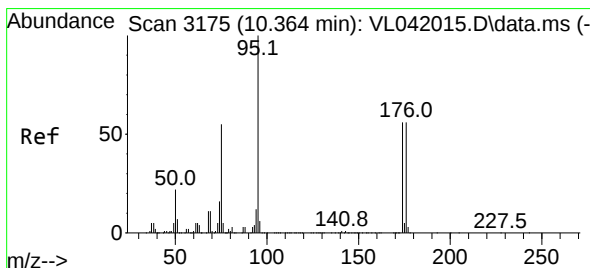
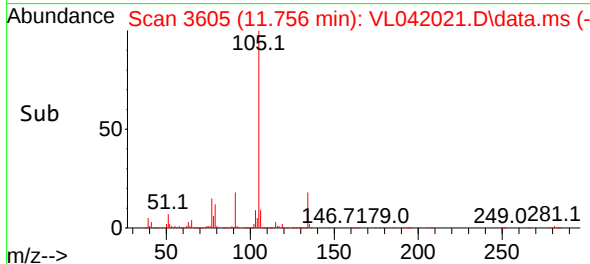
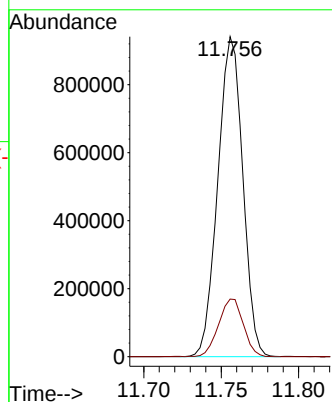
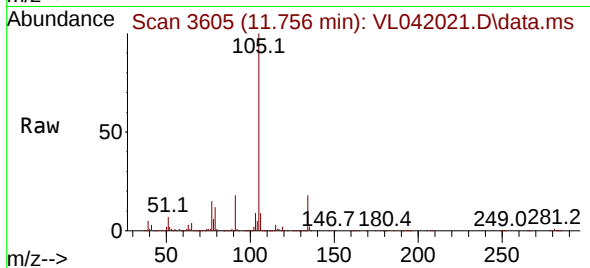




#67
 sec-Butylbenzene
 Concen: 13.836 ppbv
 RT: 11.756 min Scan# 310
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

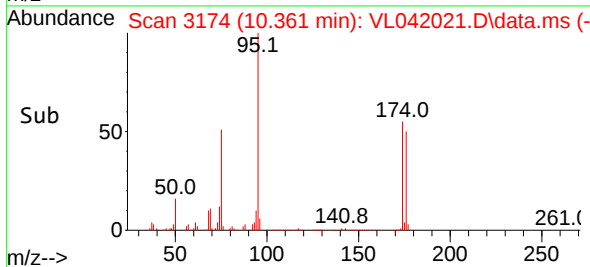
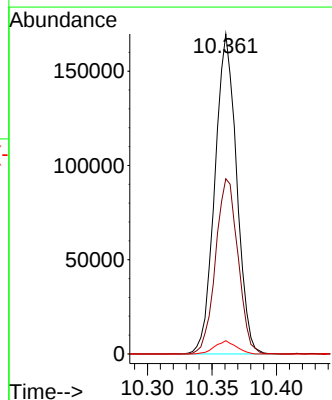
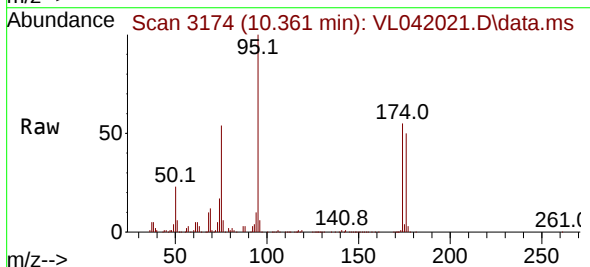
Instrument :
 MSVOA_L
 ClientSampleId :

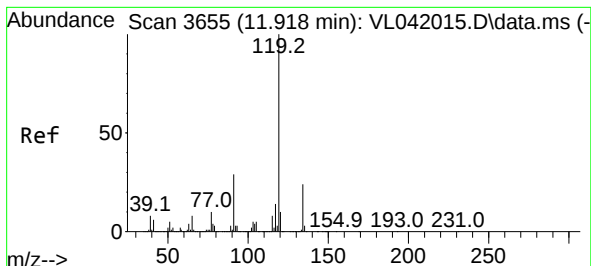
Tgt Ion:105 Resp: 1055064
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.112 ppbv
 RT: 10.361 min Scan# 3174
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Tgt Ion: 95 Resp: 198454
 Ion Ratio Lower Upper
 95 100
 174 56.4 46.7 70.1
 175 4.1 3.7 5.5

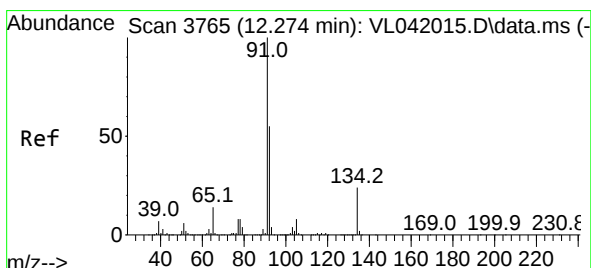
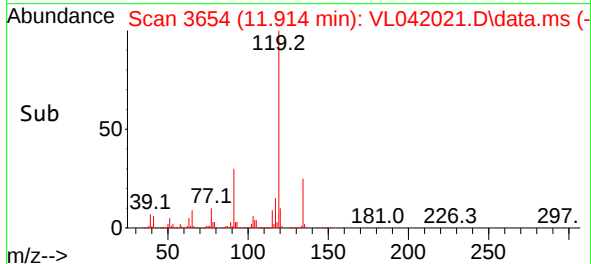
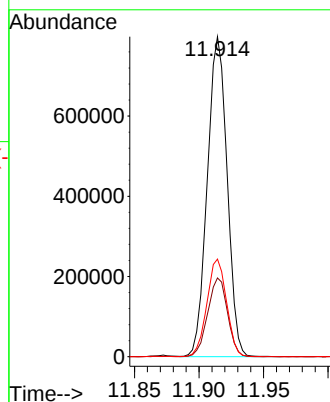
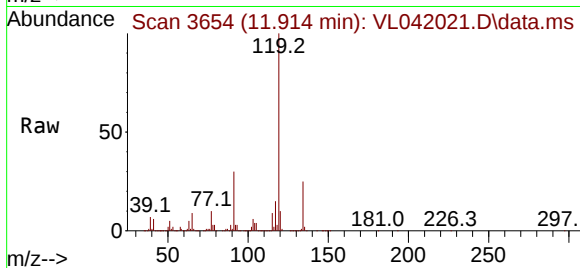




#69
 p-Isopropyltoluene
 Concen: 13.654 ppbv
 RT: 11.914 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

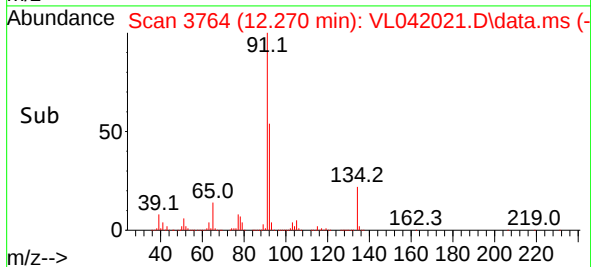
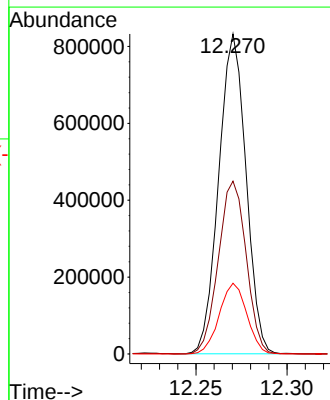
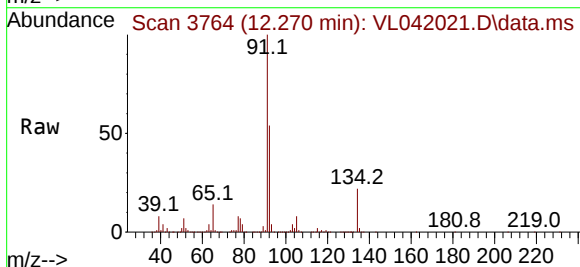
Instrument :
 MSVOA_L
 ClientSampleId :

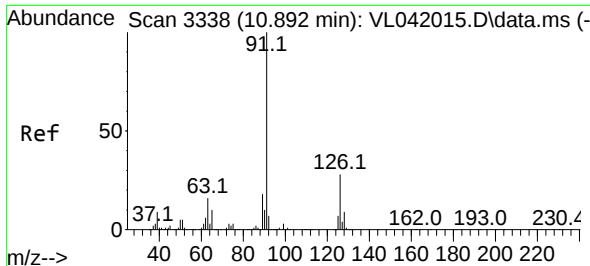
Tgt Ion:119 Resp: 852283
 Ion Ratio Lower Upper
 119 100
 134 24.7 19.4 29.0
 91 30.3 23.4 35.2



#70
 n-Butylbenzene
 Concen: 14.059 ppbv
 RT: 12.270 min Scan# 3764
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Tgt Ion: 91 Resp: 864461
 Ion Ratio Lower Upper
 91 100
 92 55.4 43.8 65.8
 134 22.4 18.6 27.8

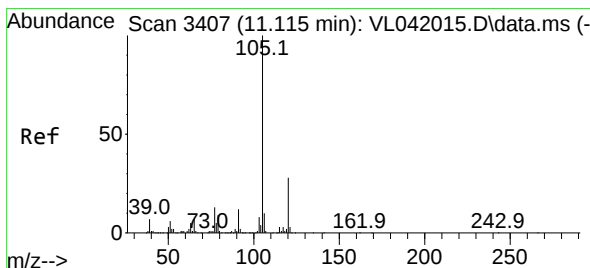
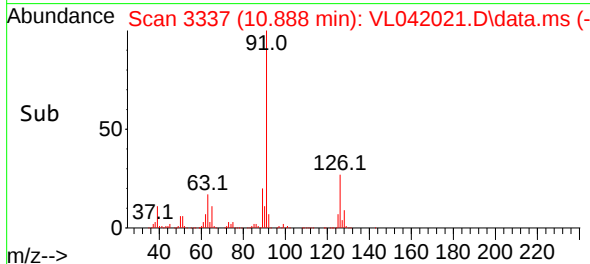
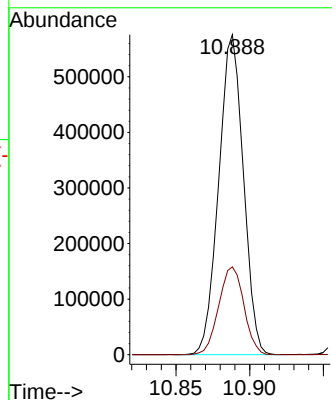
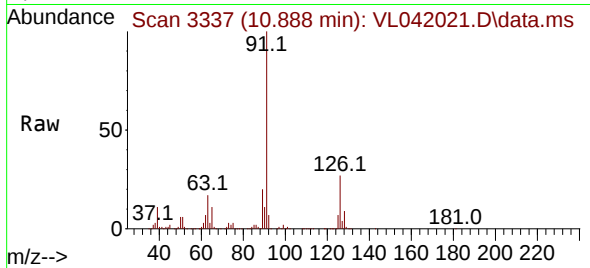




#71
2-Chlorotoluene
Concen: 14.262 ppbv
RT: 10.888 min Scan# 31
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

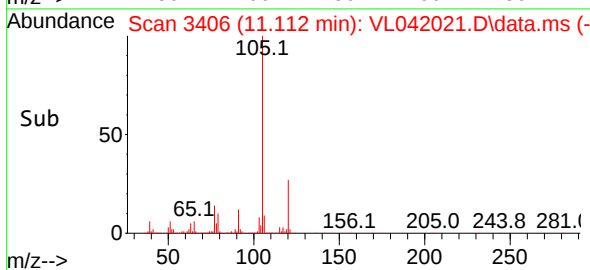
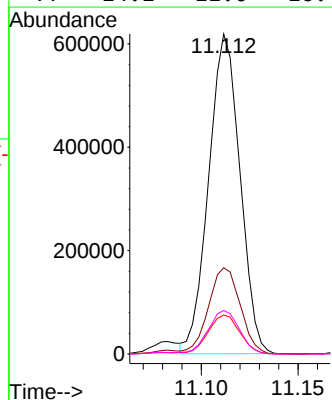
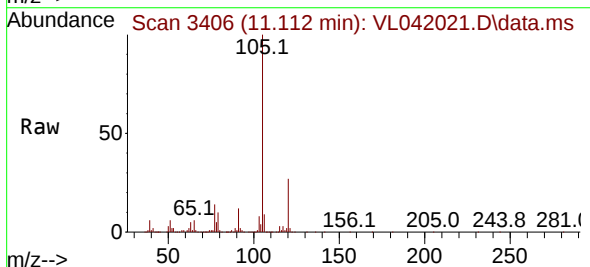
Instrument :
MSVOA_L
ClientSampleId :

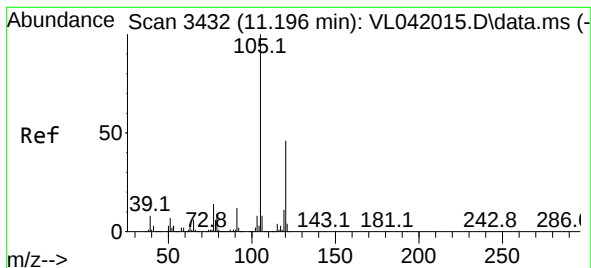
Tgt Ion: 91 Resp: 668867
Ion Ratio Lower Upper
91 100
126 27.9 11.2 45.0



#72
4-Ethyltoluene
Concen: 14.289 ppbv
RT: 11.112 min Scan# 3406
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion: 105 Resp: 695430
Ion Ratio Lower Upper
105 100
120 28.3 22.7 34.1
91 12.8 10.2 15.2
77 14.1 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 14.290 ppbv

RT: 11.189 min Scan# 34

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

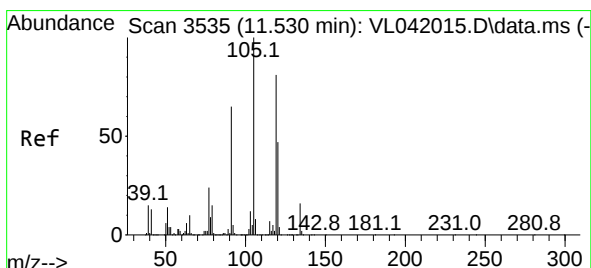
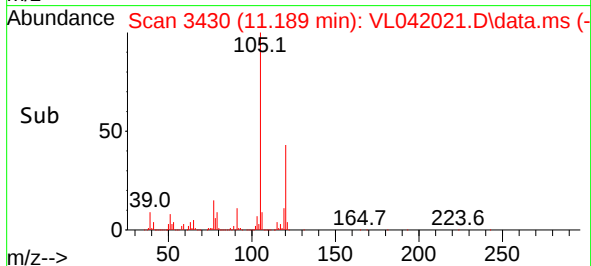
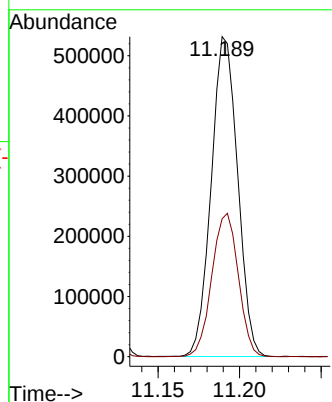
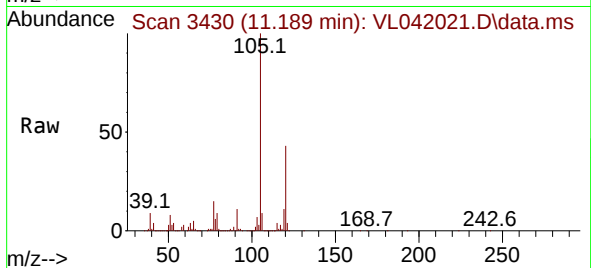
ClientSampleId :

Tgt Ion:105 Resp: 599031

Ion Ratio Lower Upper

105 100

120 43.1 37.1 55.7



#74

1,2,4-Trimethylbenzene

Concen: 13.640 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Tgt Ion:105 Resp: 613669

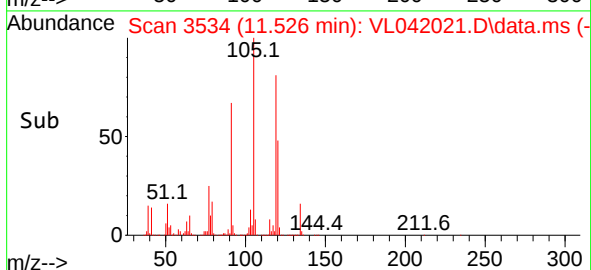
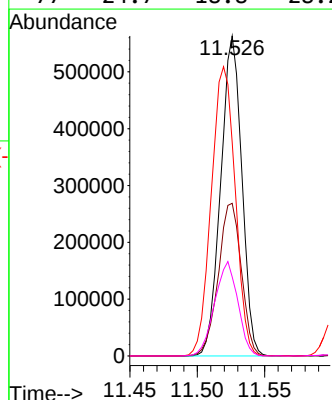
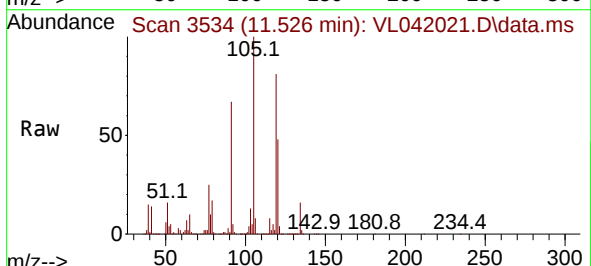
Ion Ratio Lower Upper

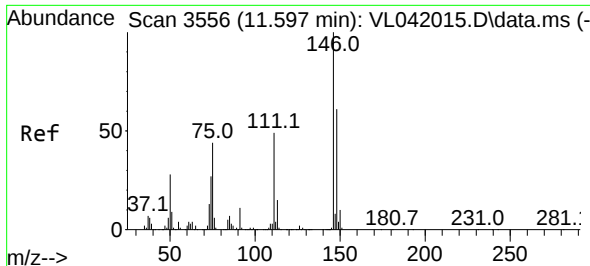
105 100

120 47.7 37.5 56.3

91 66.7 51.7 77.5

77 24.7 18.8 28.2

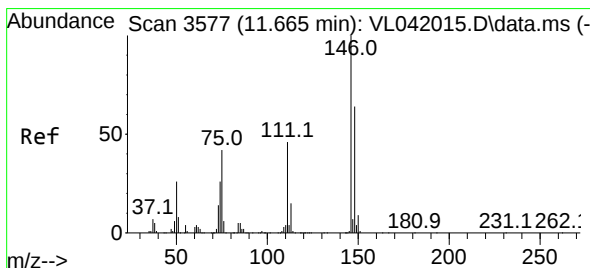
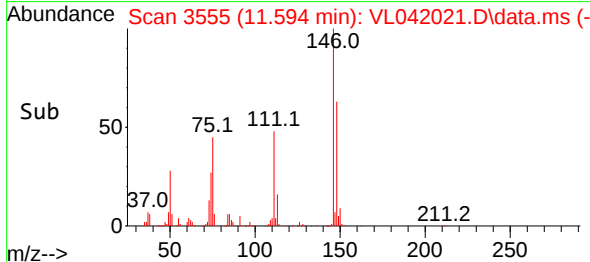
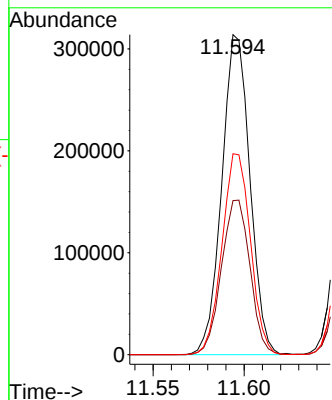
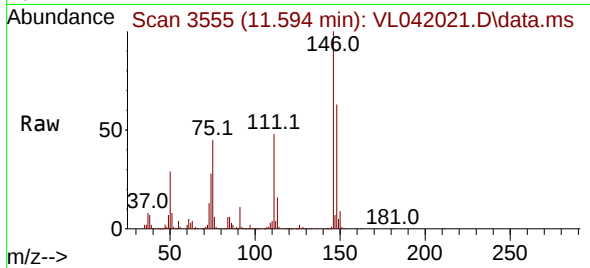




#75
1,3-Dichlorobenzene
Concen: 13.912 ppbv
RT: 11.594 min Scan# 3555
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

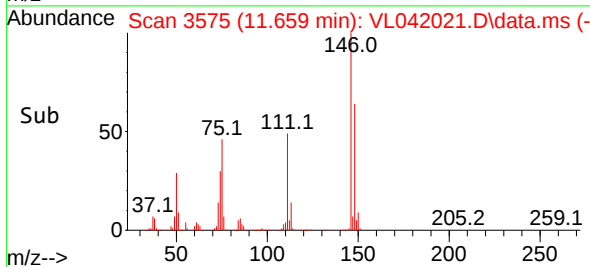
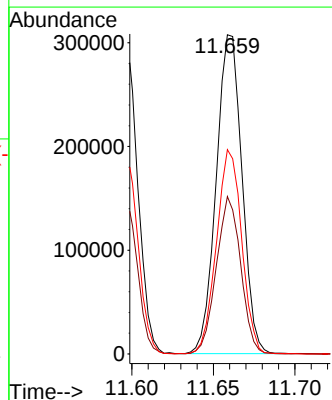
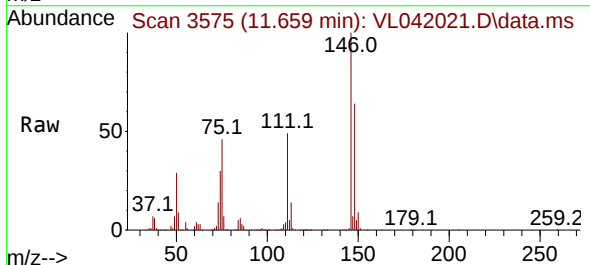
Instrument :
MSVOA_L
ClientSampleId :

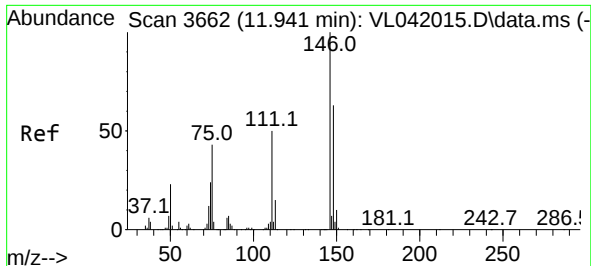
Tgt Ion:146 Resp: 336922
Ion Ratio Lower Upper
146 100
111 49.2 23.9 71.7
148 63.6 31.5 94.5



#76
1,4-Dichlorobenzene
Concen: 14.301 ppbv
RT: 11.659 min Scan# 3575
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

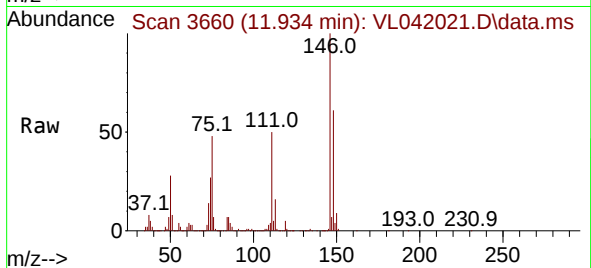
Tgt Ion:146 Resp: 337749
Ion Ratio Lower Upper
146 100
111 46.8 23.5 70.5
148 62.9 32.3 96.9



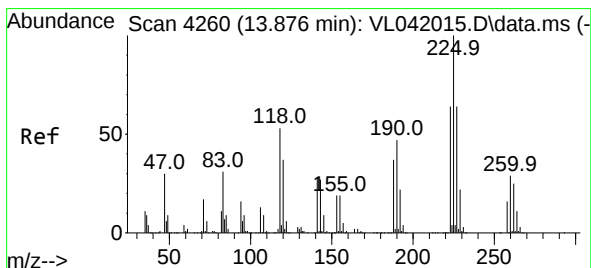
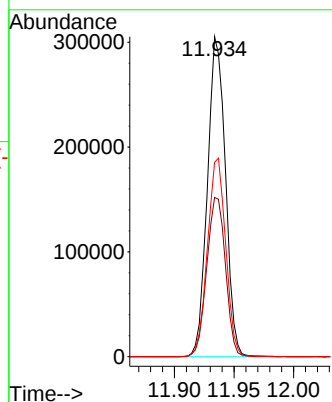
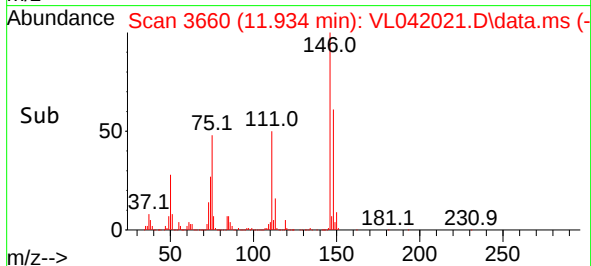


#77
1,2-Dichlorobenzene
Concen: 13.827 ppbv
RT: 11.934 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Instrument :
MSVOA_L
ClientSampleId :

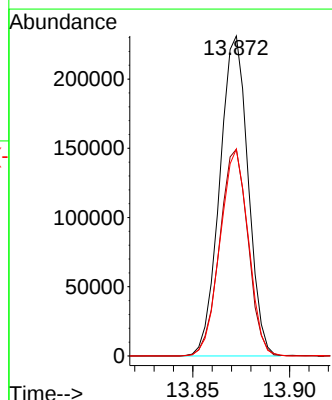
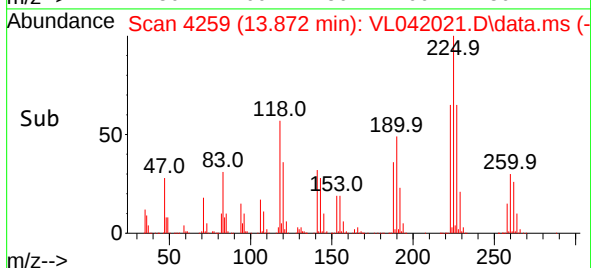
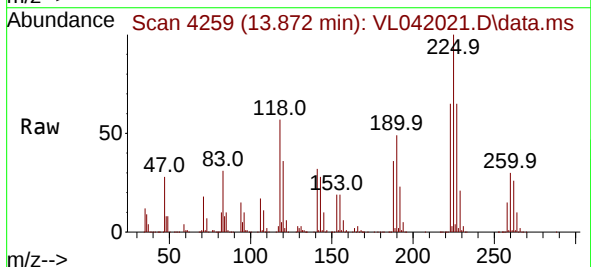


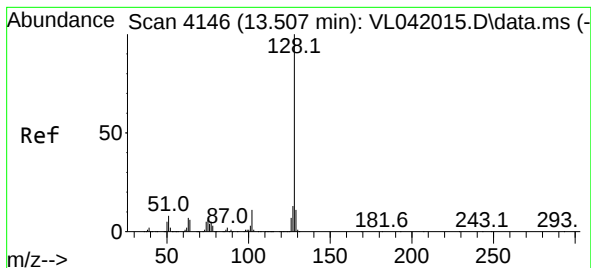
Tgt Ion:146 Resp: 320100
Ion Ratio Lower Upper
146 100
111 51.9 25.6 76.8
148 63.0 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 12.291 ppbv
RT: 13.872 min Scan# 4259
Delta R.T. -0.004 min
Lab File: VL042021.D
Acq: 14 Feb 2025 15:31

Tgt Ion:225 Resp: 235409
Ion Ratio Lower Upper
225 100
223 64.6 50.6 75.8
227 64.3 50.9 76.3





#79

Naphthalene

Concen: 11.723 ppbv

RT: 13.503 min Scan# 4146

Delta R.T. -0.004 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

Instrument :

MSVOA_L

ClientSampleId :

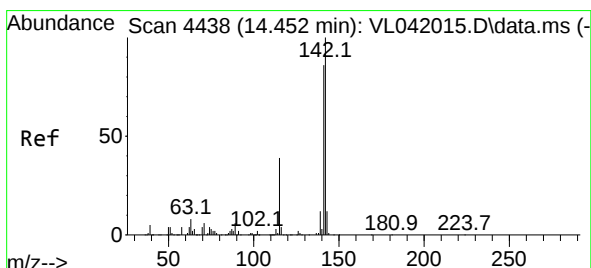
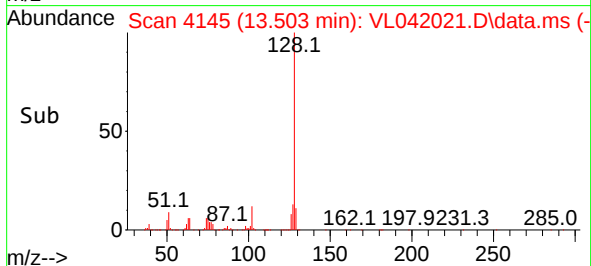
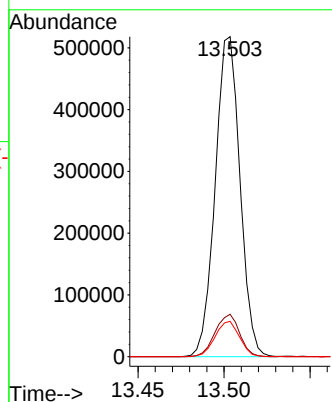
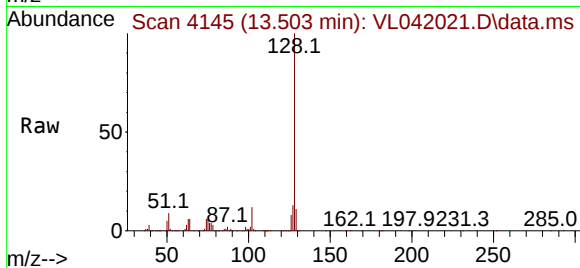
Tgt Ion:128 Resp: 518798

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.1 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 9.388 ppbv

RT: 14.445 min Scan# 4436

Delta R.T. -0.007 min

Lab File: VL042021.D

Acq: 14 Feb 2025 15:31

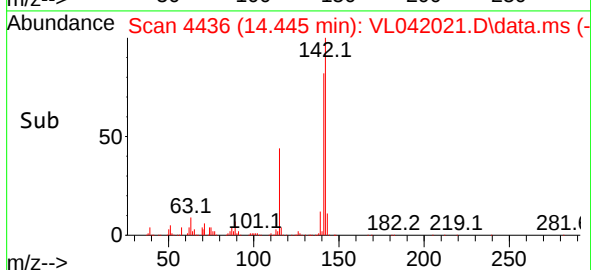
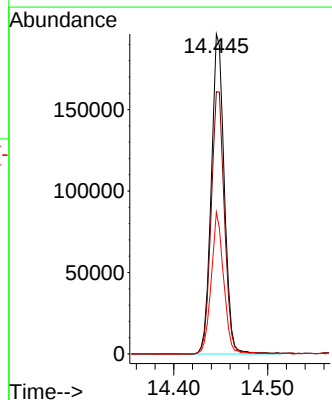
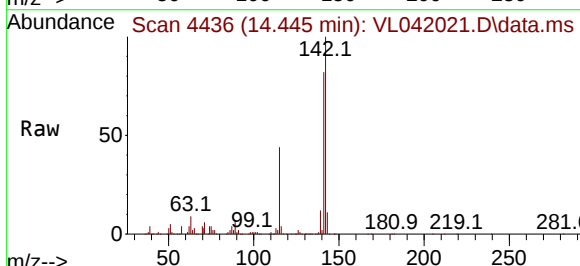
Tgt Ion:142 Resp: 188818

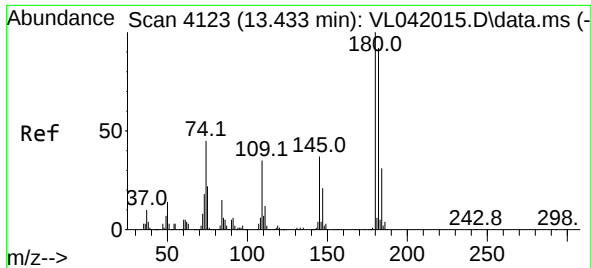
Ion Ratio Lower Upper

142 100

141 84.3 68.2 102.2

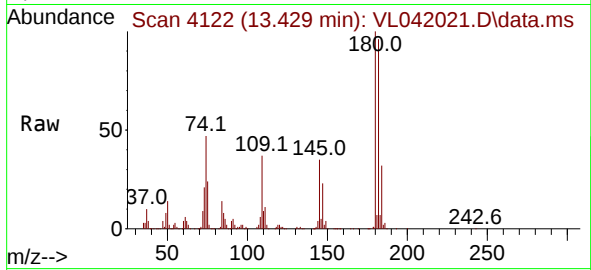
115 42.6 33.6 50.4





#81
 1,2,4-Trichlorobenzene
 Concen: 12.956 ppbv
 RT: 13.429 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: VL042021.D
 Acq: 14 Feb 2025 15:31

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 233085
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.6
 184 30.0 24.2 36.4

