

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042039.D
 Acq On : 21 Feb 2025 14:07
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Feb 21 21:53:27 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 : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	107319	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	270011	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.885	117	239019	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	205896	10.443	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	168793	9.136	ppbv	93
3) Chlorodifluoromethane	1.476	51	236947	11.601	ppbv	99
4) Chloromethane	1.534	50	65457	9.117	ppbv	99
5) Vinyl Chloride	1.580	62	61896	7.210	ppbv	99
6) Bromomethane	1.667	94	28423	8.541	ppbv	98
7) Chloroethane	1.706	64	25659	9.171	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	141682	8.718	ppbv	98
9) Propene	1.482	41	92288	10.481	ppbv	96
10) Heptane	4.985	43	280764	11.482	ppbv	98
11) Trichlorofluoromethane	1.877	101	168376	9.056	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	129761	8.950	ppbv	99
13) Ethanol	1.722	45	4903	4.937	ppbv	89
14) Bromoethene	1.784	108	46857	8.654	ppbv	97
15) Acetone	1.835	43	141344	7.979	ppbv	96
16) 1,3-Butadiene	1.609	39	69355	8.253	ppbv	99
17) tert-Butyl alcohol	2.042	59	176926	8.072	ppbv	97
18) 1,1-Dichloroethene	2.036	96	55729	8.043	ppbv	99
19) Isopropyl Alcohol	1.887	45	79049	7.958	ppbv	97
20) Methylene Chloride	2.062	84	51525	7.727	ppbv	97
21) Allyl Chloride	2.097	41	103960	8.106	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	66737	8.876	ppbv	96
23) Vinyl Acetate	2.463	43	141769	14.780	ppbv	98
24) 1,1-Dichloroethane	2.411	63	135757	8.893	ppbv	99
25) Ethyl Acetate	2.839	43	568377	11.691	ppbv	99
26) Hexane	2.829	57	237219	12.158	ppbv	95
27) Carbon Disulfide	2.149	76	169781	9.252	ppbv	97
28) Methyl tert-Butyl Ether	2.441	73	113493	9.516	ppbv	99
29) Chloroform	2.852	83	307000	10.864	ppbv	97
30) Cyclohexane	3.858	84	185648	11.730	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	221584	11.491	ppbv	95
32) 1,1,1-Trichloroethane	3.369	97	310707	9.914	ppbv	98
34) 2-Butanone	2.560	43	324492	13.969	ppbv	99
35) Carbon Tetrachloride	3.764	117	296092	11.293	ppbv	99
36) Benzene	3.658	78	436094	13.333	ppbv	99
37) 1,2-Dichloroethane	3.221	62	250762	13.468	ppbv	99
38) Trichloroethene	4.548	130	153529	11.554	ppbv	89
39) 1,2-Dichloropropane	4.318	63	162135	13.521	ppbv	95
40) 1,4-Dioxane	4.586	88	73465	11.774	ppbv #	94
41) Tetrahydrofuran	3.059	42	191348	14.413	ppbv	96
42) Bromodichloromethane	4.493	83	337106	13.364	ppbv	94
43) Methyl Methacrylate	4.884	69	179871	12.064	ppbv	95
44) 2,2,4-Trimethylpentane	4.641	57	760401	13.695	ppbv	98
45) t-1,3-Dichloropropene	6.422	75	186371	13.241	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042039.D
 Acq On : 21 Feb 2025 14:07
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

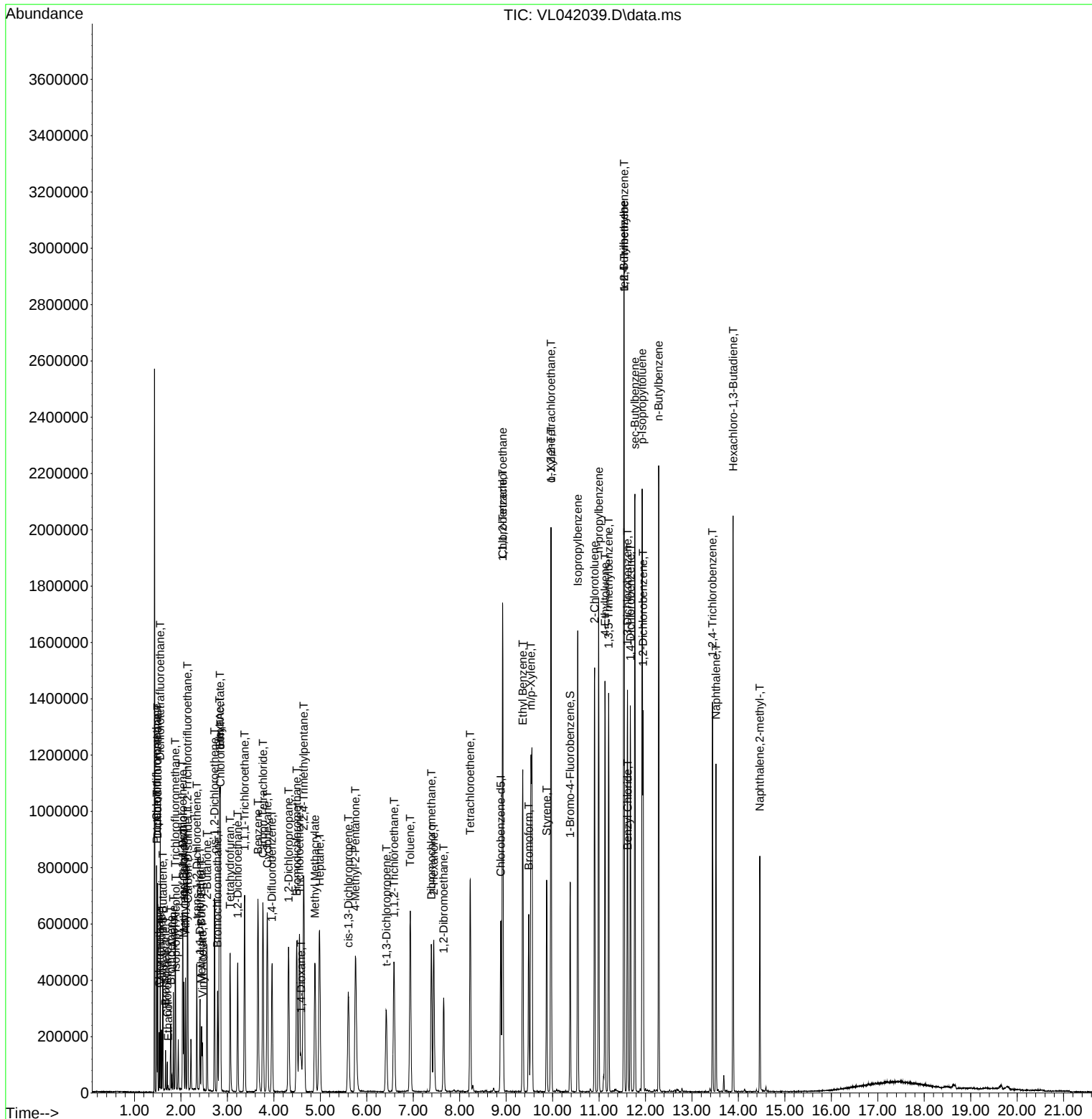
Instrument :
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 ClientSampleId :
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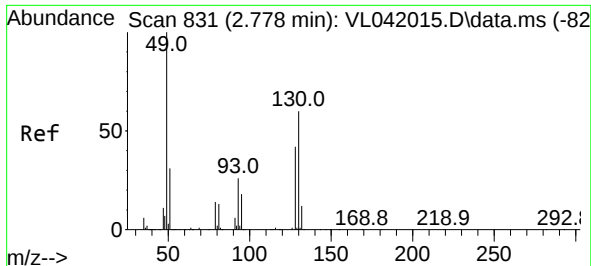
Quant Time: Feb 21 21:53:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	238360	13.347	ppbv	96
47) 1,1,2-Trichloroethane	6.587	97	161278	12.780	ppbv	95
48) Dibromochloromethane	7.389	129	256951	12.157	ppbv	99
49) Bromoform	9.487	173	205542	11.856	ppbv	98
50) 4-Methyl-2-Pentanone	5.755	43	460781	12.906	ppbv	100
51) 2-Hexanone	7.441	43	376032	12.878	ppbv #	99
52) Tetrachloroethene	8.228	164	129787	11.377	ppbv	98
53) Toluene	6.936	91	494594	12.690	ppbv	100
54) 1,2-Dibromoethane	7.655	107	219203	12.616	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.927	131	195165	11.408	ppbv	97
57) Chlorobenzene	8.924	112	347903	12.373	ppbv	94
58) Ethyl Benzene	9.357	91	681298	13.024	ppbv	99
59) m/p-Xylene	9.535	91	597591	14.503	ppbv #	31
60) o-Xylene	9.966	91	524229	12.580	ppbv	99
61) Styrene	9.872	104	256970	12.932	ppbv	97
62) Isopropylbenzene	10.542	105	777313	12.425	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	338130	12.577	ppbv	99
64) n-propylbenzene	10.992	120	190915	12.419	ppbv	93
65) tert-Butylbenzene	11.536	119	657527	12.056	ppbv	97
66) Benzyl Chloride	11.620	91	65030	11.895	ppbv	98
67) sec-Butylbenzene	11.772	105	962715	12.566	ppbv	99
69) p-Isopropyltoluene	11.927	119	763997	12.183	ppbv	98
70) n-Butylbenzene	12.283	91	825349	13.361	ppbv	99
71) 2-Chlorotoluene	10.904	91	610815	12.964	ppbv	98
72) 4-Ethyltoluene	11.128	105	631669	12.938	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	536429	12.737	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	567986	12.566	ppbv #	89
75) 1,3-Dichlorobenzene	11.610	146	307630	12.644	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	306295	12.909	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	298742	12.845	ppbv	98
78) Hexachloro-1,3-Butadiene	13.885	225	198295	10.306	ppbv	99
79) Naphthalene	13.516	128	515768	11.601	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	230760	11.464	ppbv	97
81) 1,2,4-Trichlorobenzene	13.442	180	214996	11.896	ppbv	99

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

Quant Time: Feb 21 21:53:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
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QLast Update : Tue Feb 18 00:13:37 2025
Response via : Initial Calibration

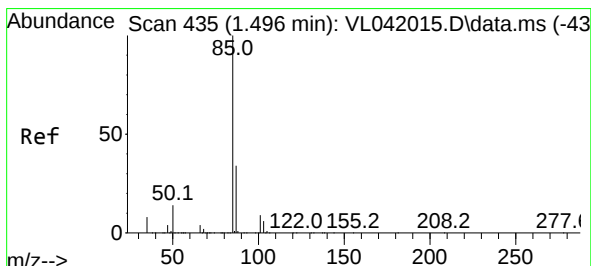
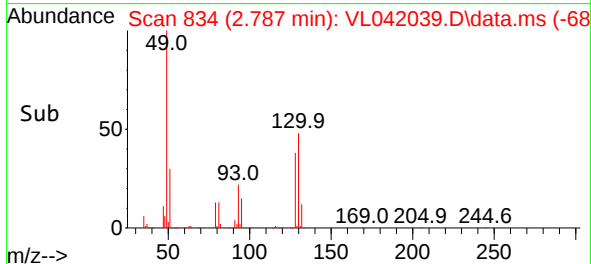
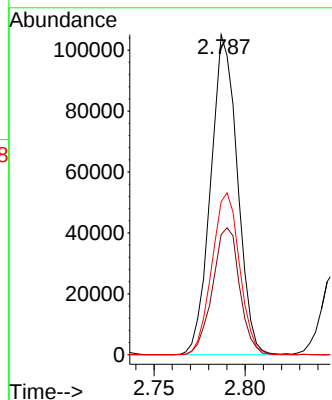
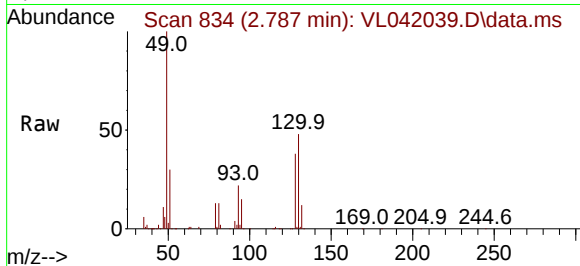




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

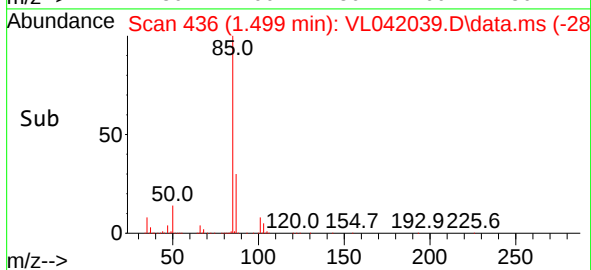
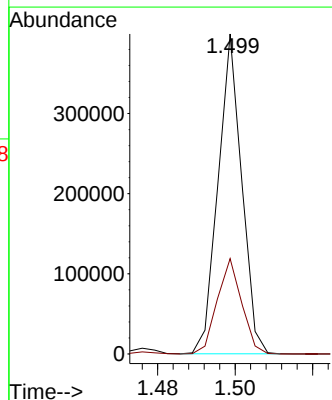
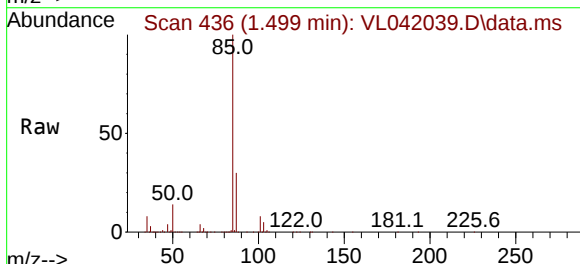
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

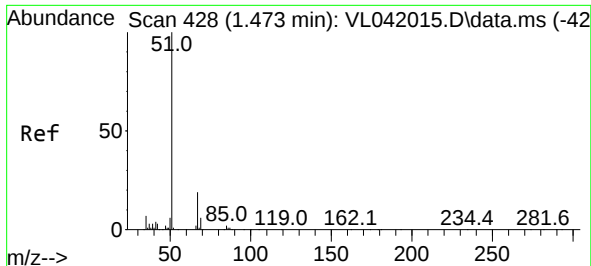
Tgt Ion: 49 Resp: 107319
Ion Ratio Lower Upper
49 100
128 40.2 22.7 68.0
130 52.2 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 9.136 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 85 Resp: 168793
Ion Ratio Lower Upper
85 100
87 29.8 26.9 40.3

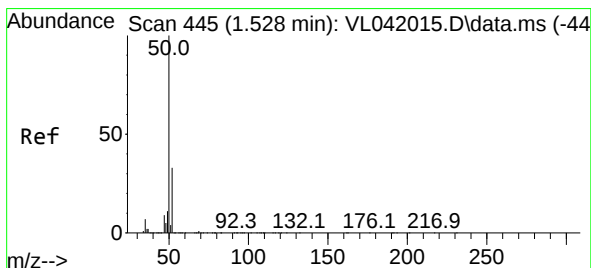
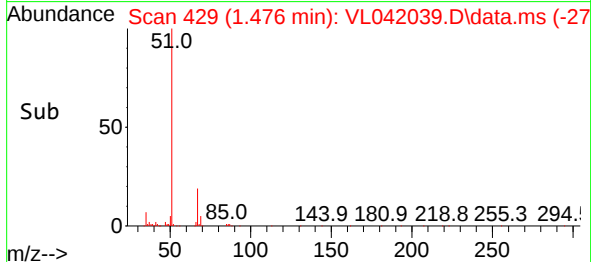
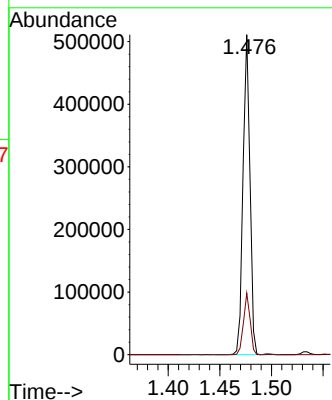
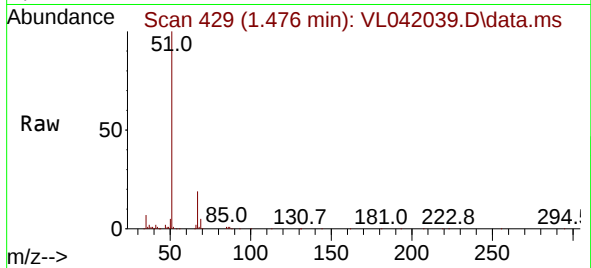




#3
Chlorodifluoromethane
Concen: 11.601 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

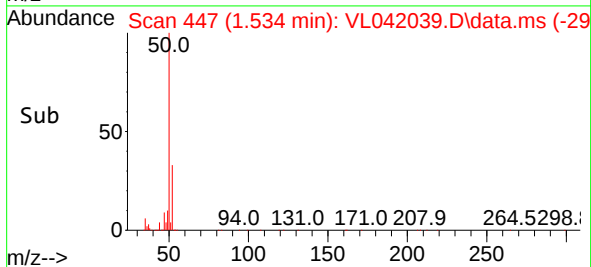
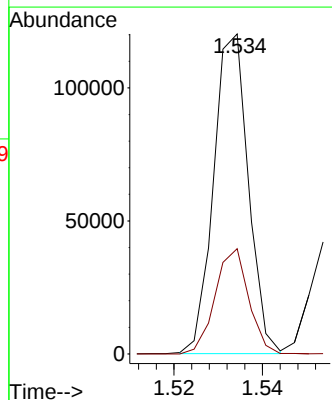
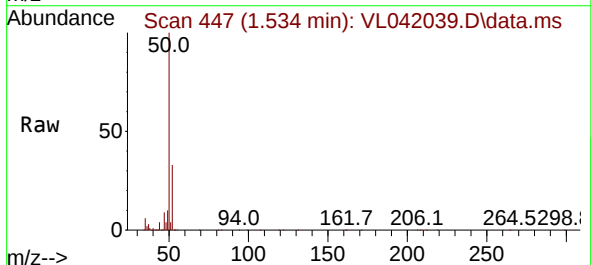
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MSVOA_L
ClientSampleId :
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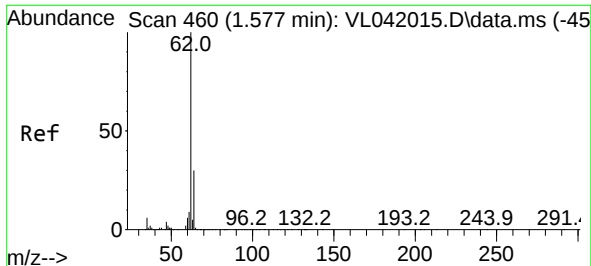
Tgt Ion: 51 Resp: 236947
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.6



#4
Chloromethane
Concen: 9.117 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 50 Resp: 65457
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

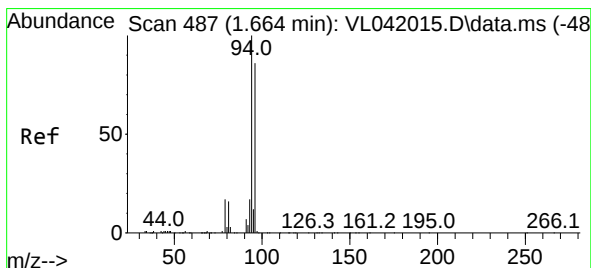
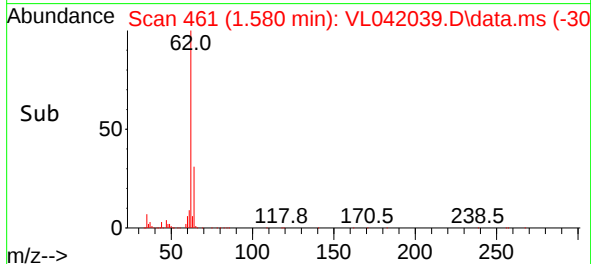
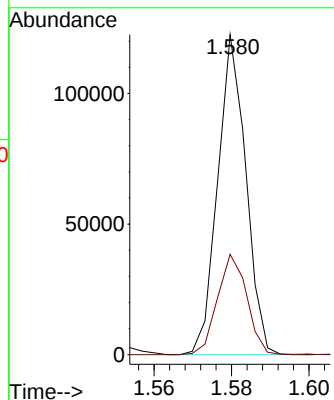
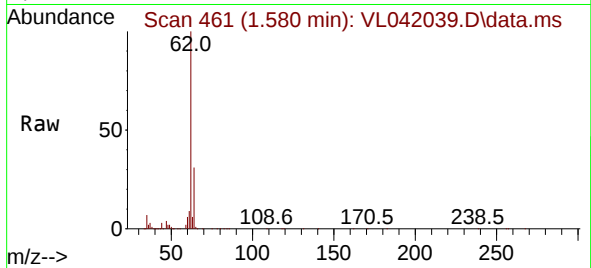




#5
 Vinyl Chloride
 Concen: 7.210 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

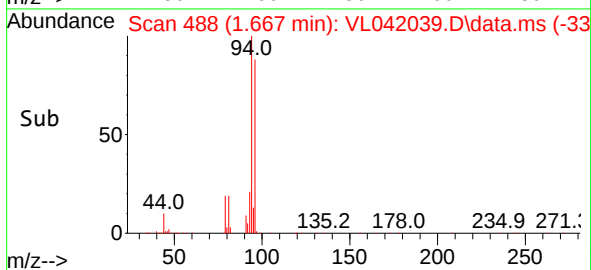
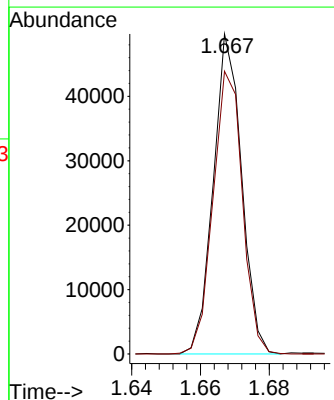
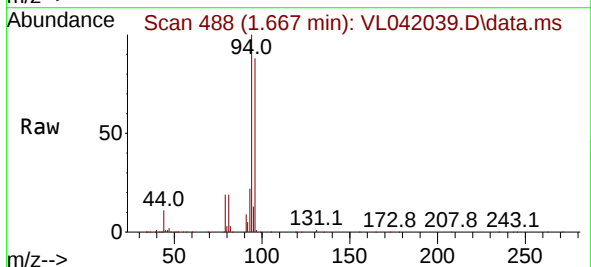
Instrument :
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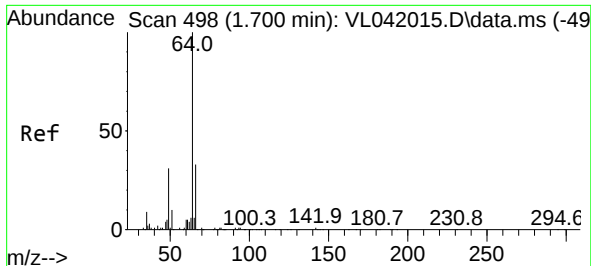
Tgt Ion: 62 Resp: 61896
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.4 36.6



#6
 Bromomethane
 Concen: 8.541 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion: 94 Resp: 28423
 Ion Ratio Lower Upper
 94 100
 96 88.2 69.0 103.6

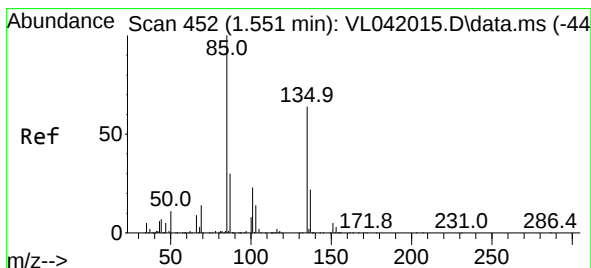
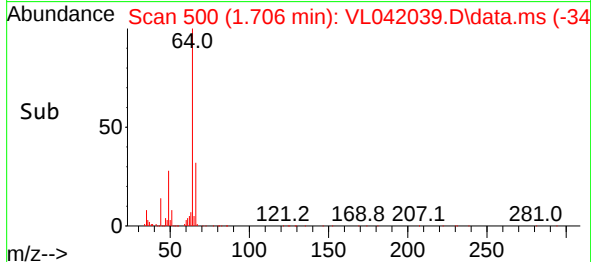
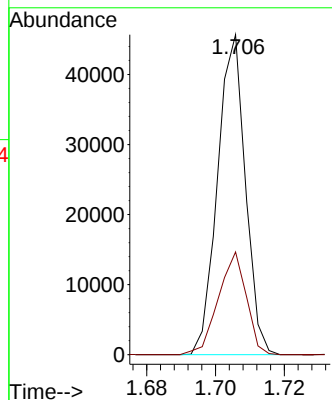
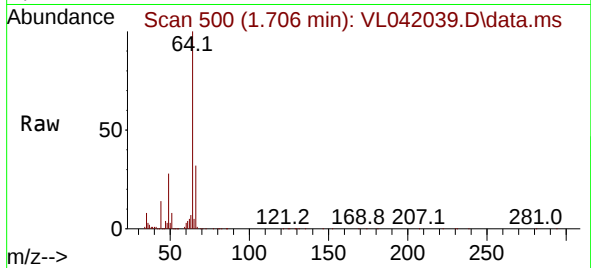




#7
Chloroethane
Concen: 9.171 ppbv
RT: 1.706 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

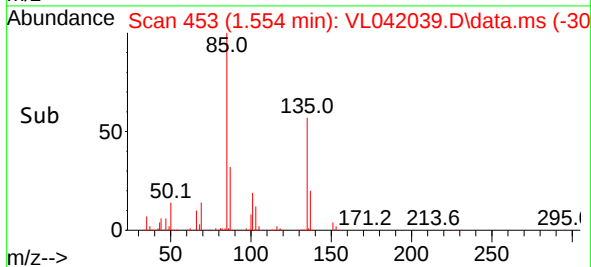
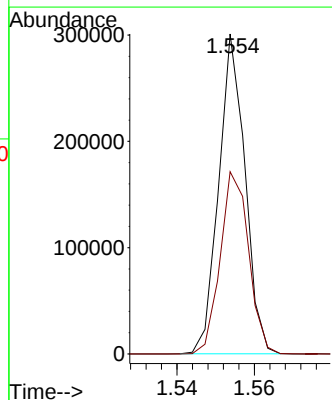
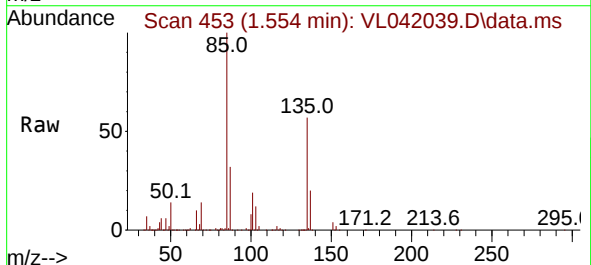
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MSVOA_L
ClientSampleId :
VSTDCCC010EC

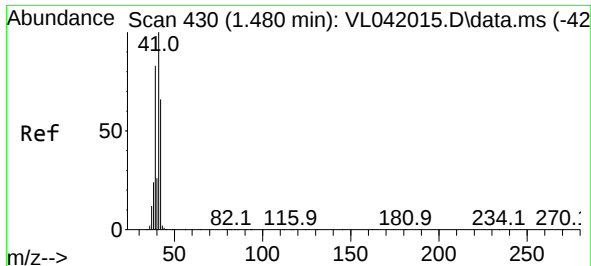
Tgt Ion: 64 Resp: 25659
Ion Ratio Lower Upper
64 100
66 32.1 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 8.718 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 85 Resp: 141682
Ion Ratio Lower Upper
85 100
135 61.7 50.9 76.3





#9

Propene

Concen: 10.481 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

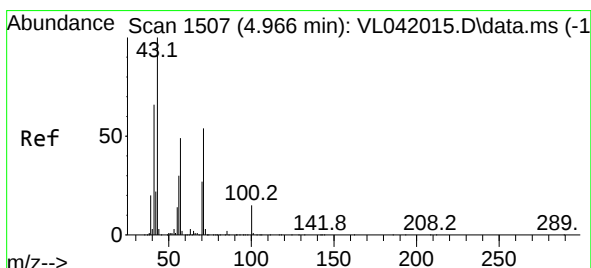
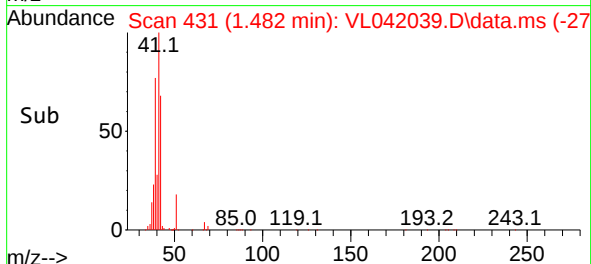
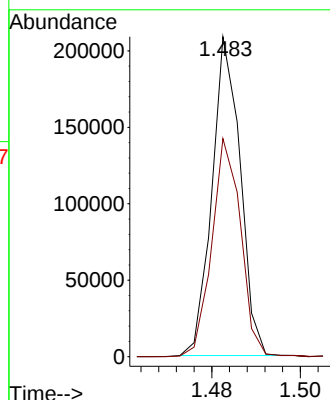
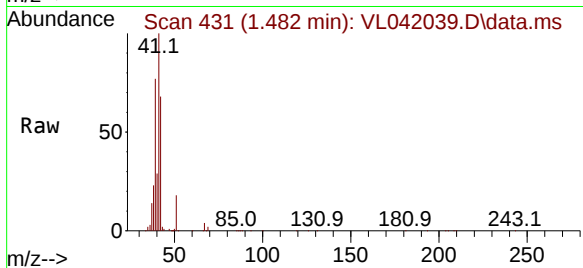
VSTDCCC010EC

Tgt Ion: 41 Resp: 92288

Ion Ratio Lower Upper

41 100

42 70.3 53.5 80.3



#10

Heptane

Concen: 11.482 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.019 min

Lab File: VL042039.D

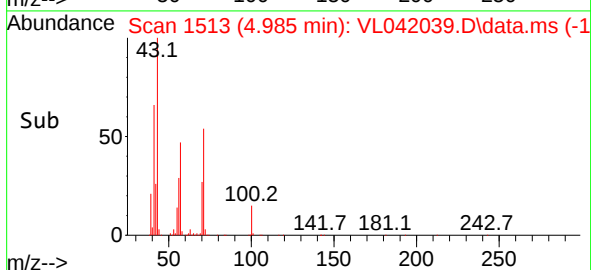
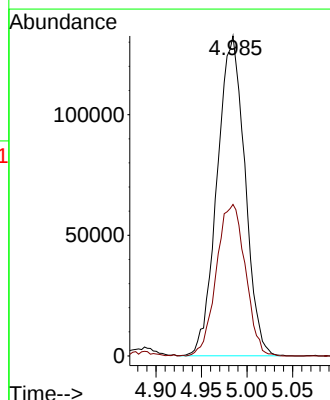
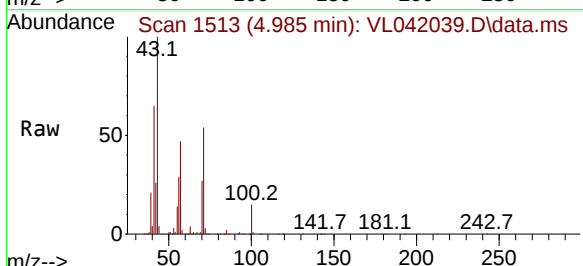
Acq: 21 Feb 2025 14:07

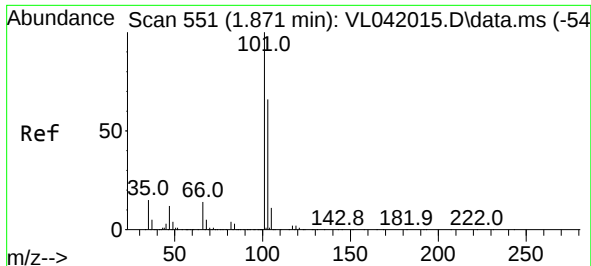
Tgt Ion: 43 Resp: 280764

Ion Ratio Lower Upper

43 100

57 49.6 41.0 61.6

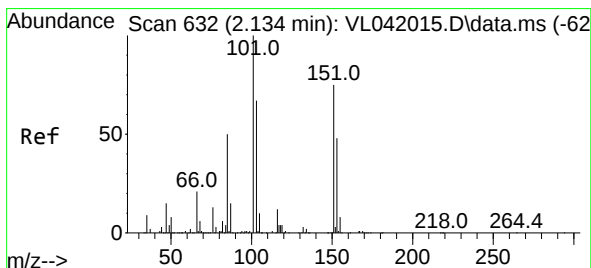
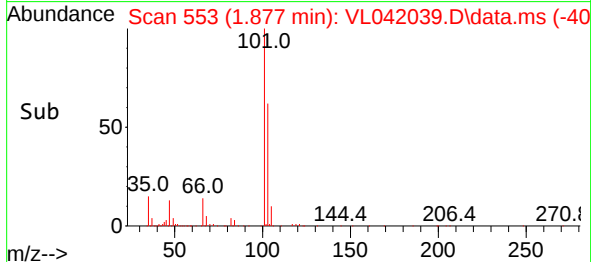
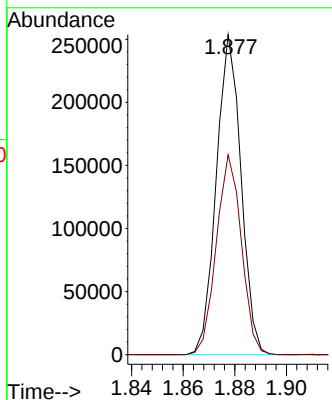
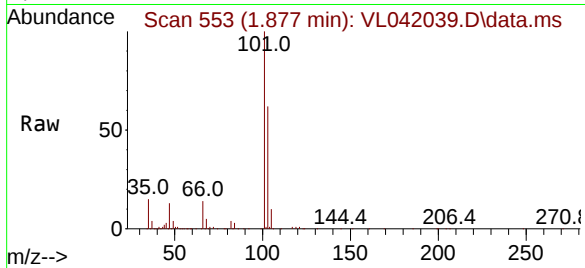




#11
 Trichlorofluoromethane
 Concen: 9.056 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

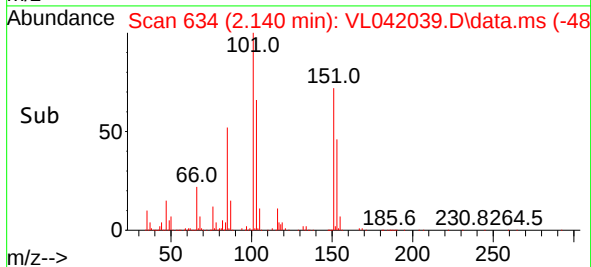
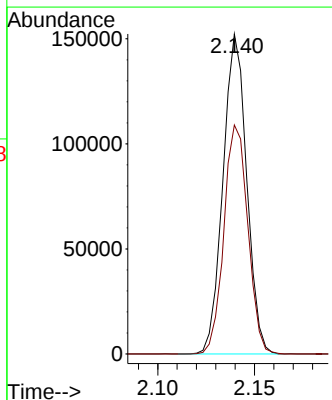
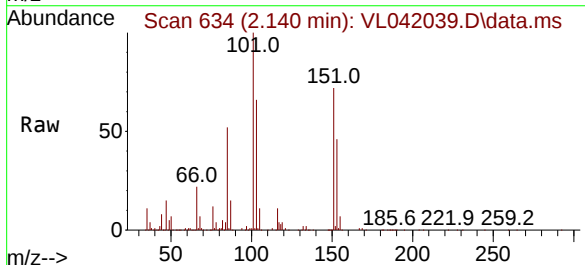
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

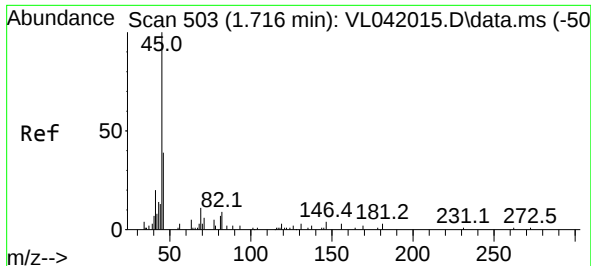
Tgt Ion:101 Resp: 168376
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.950 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion:101 Resp: 129761
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.2 87.2

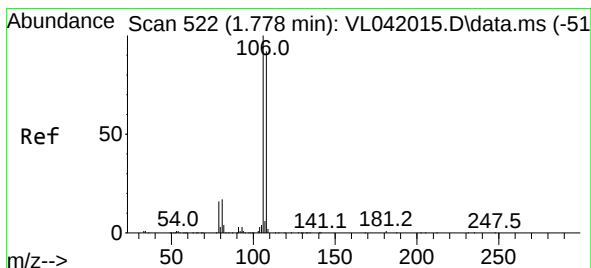
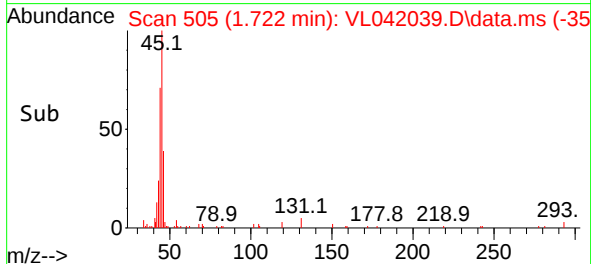
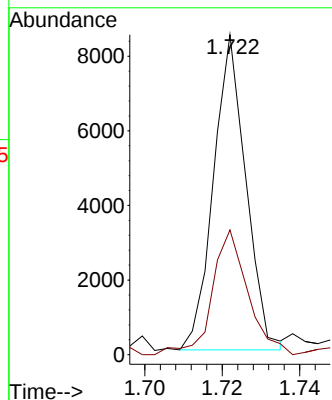
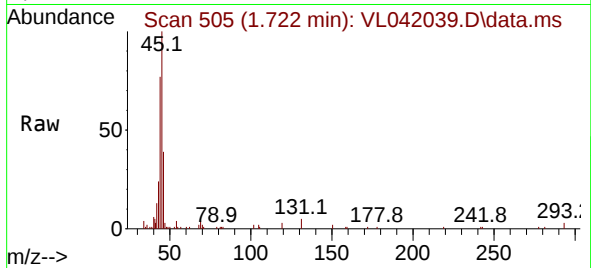




#13
Ethanol
Concen: 4.937 ppbv
RT: 1.722 min Scan# 503
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

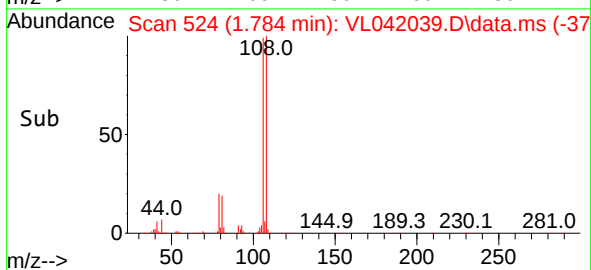
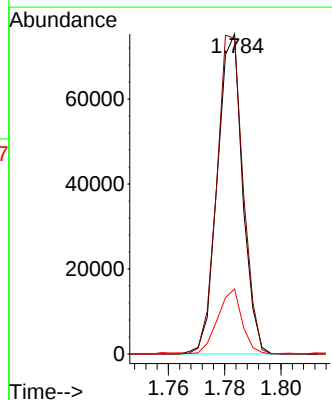
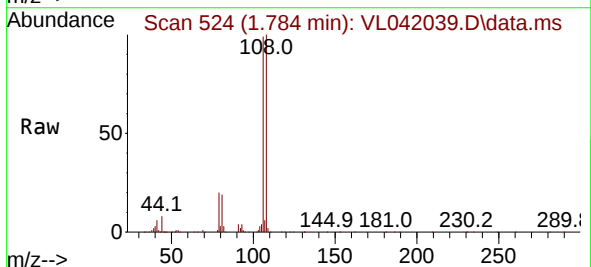
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

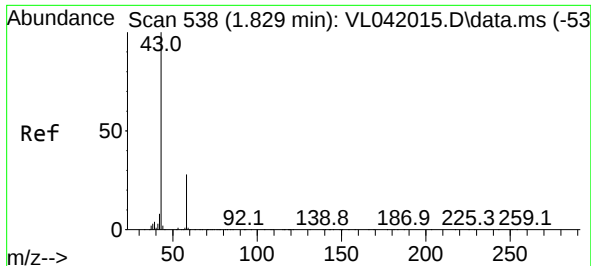
Tgt Ion: 45 Resp: 4903
Ion Ratio Lower Upper
45 100
46 45.1 21.3 85.1



#14
Bromoethene
Concen: 8.654 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 108 Resp: 46857
Ion Ratio Lower Upper
108 100
106 103.7 85.0 127.6
79 20.2 17.3 25.9

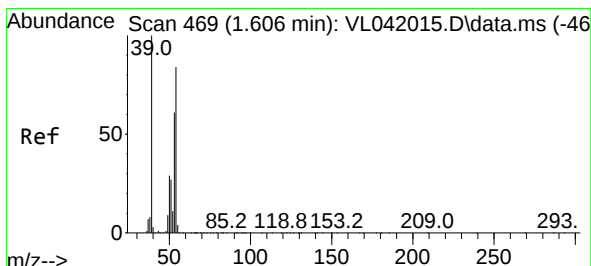
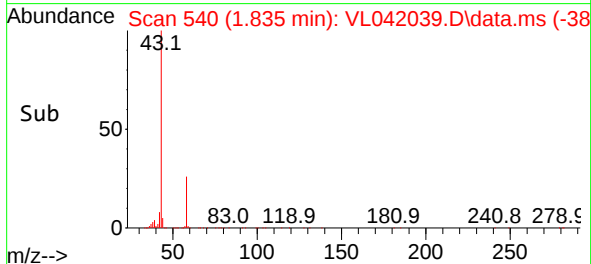
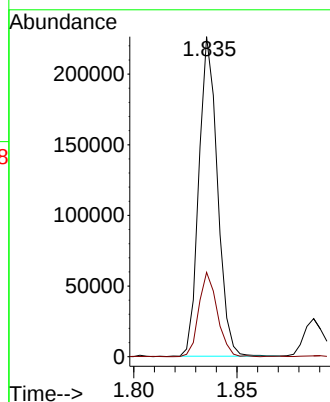
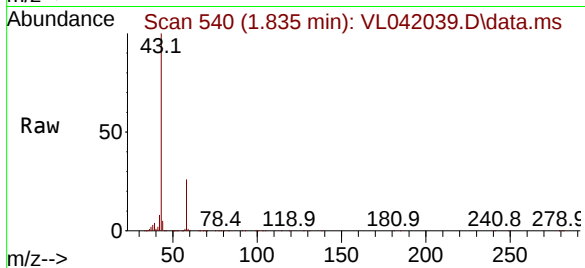




#15
Acetone
Concen: 7.979 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

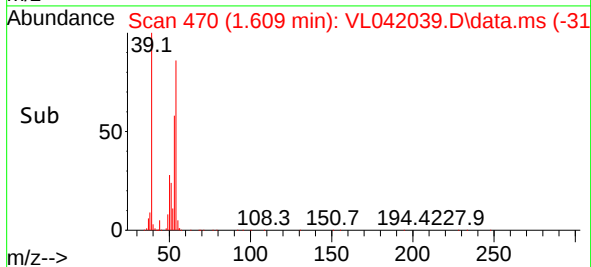
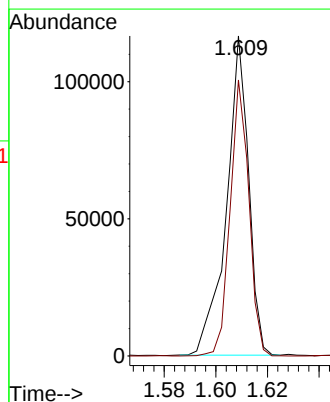
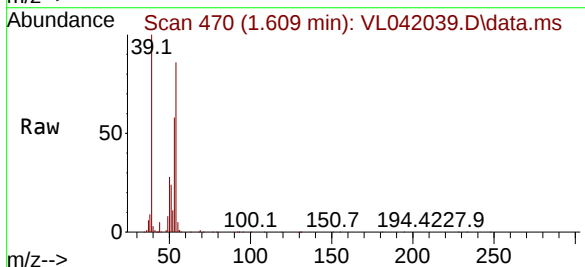
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

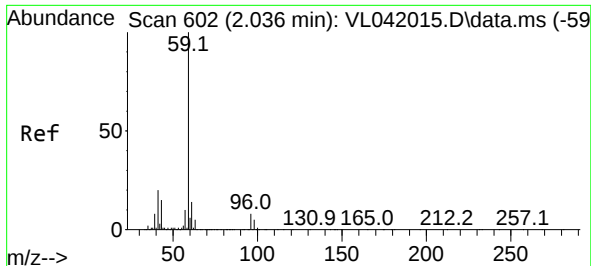
Tgt Ion: 43 Resp: 141344
Ion Ratio Lower Upper
43 100
58 26.4 22.9 34.3



#16
1,3-Butadiene
Concen: 8.253 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 39 Resp: 69355
Ion Ratio Lower Upper
39 100
54 73.3 59.4 89.2





#17

tert-Butyl alcohol

Concen: 8.072 ppbv

RT: 2.042 min Scan# 602

Delta R.T. -0.006 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

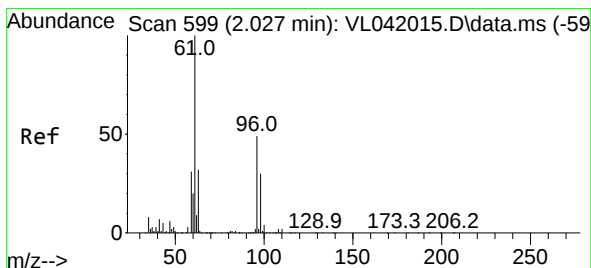
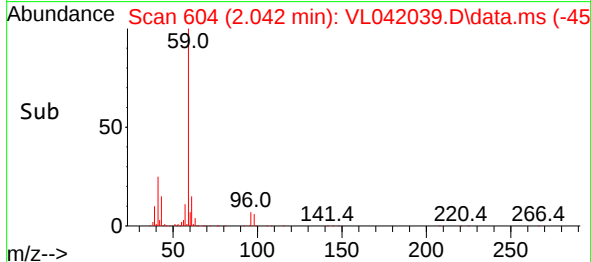
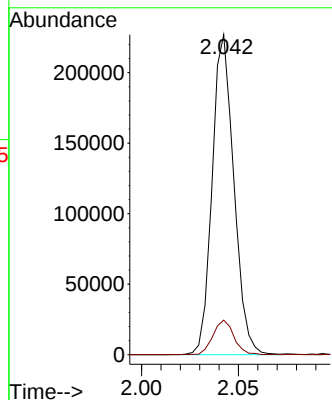
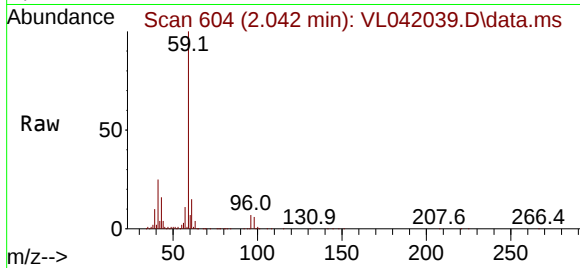
VSTDCCC010EC

Tgt Ion: 59 Resp: 176926

Ion Ratio Lower Upper

59 100

57 10.5 9.2 13.8



#18

1,1-Dichloroethene

Concen: 8.043 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.006 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

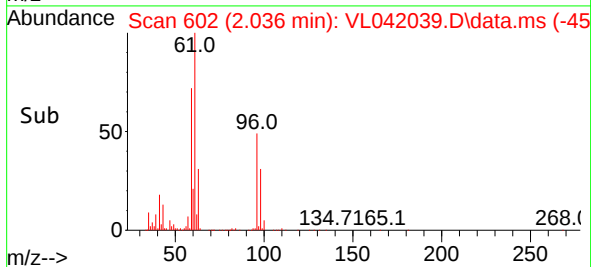
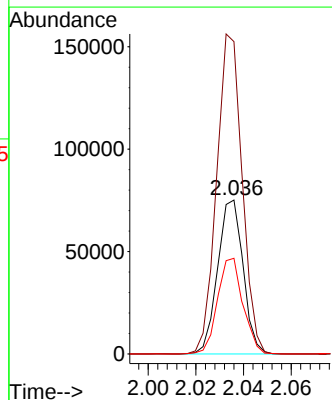
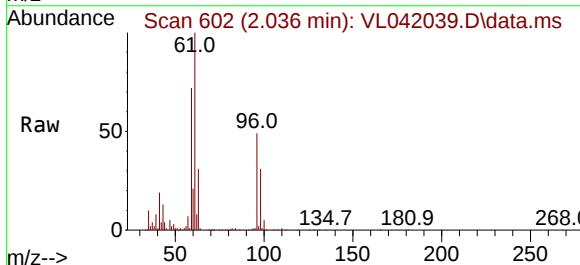
Tgt Ion: 96 Resp: 55729

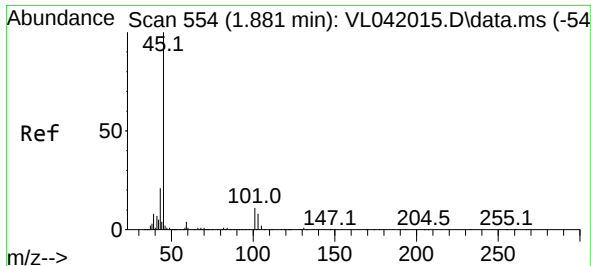
Ion Ratio Lower Upper

96 100

61 202.9 163.5 245.3

98 62.2 49.4 74.0

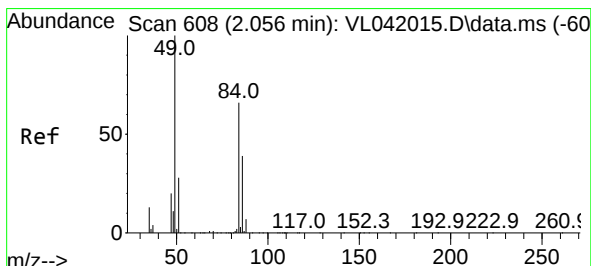
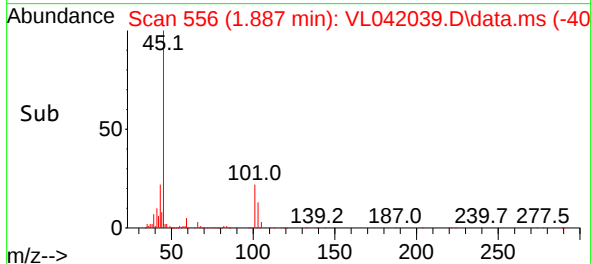
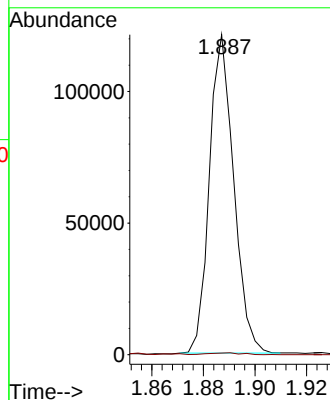
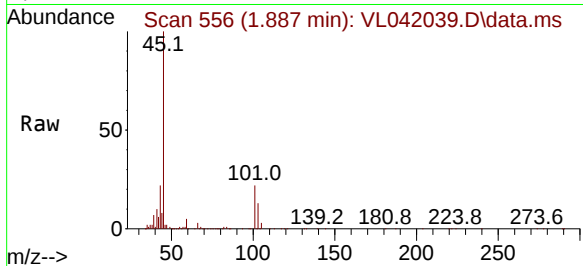




#19
Isopropyl Alcohol
Concen: 7.958 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

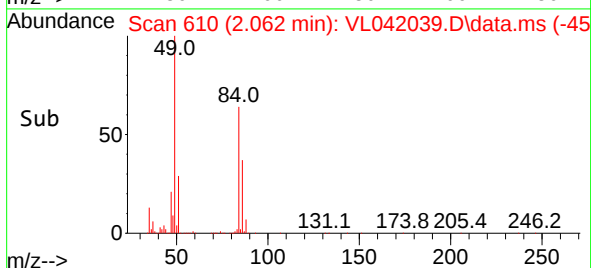
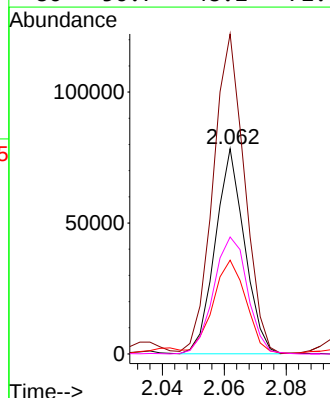
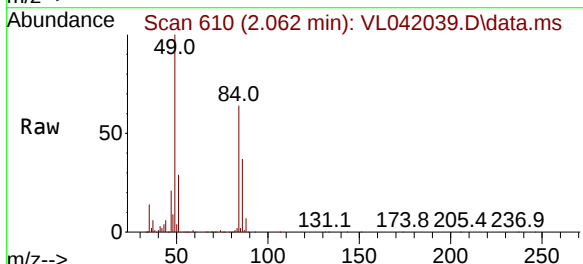
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

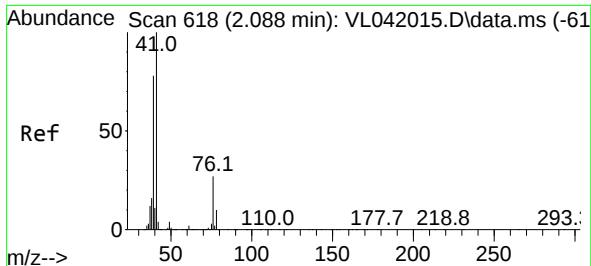
Tgt Ion: 45 Resp: 79049
Ion Ratio Lower Upper
45 100
58 47.3 36.2 54.4



#20
Methylene Chloride
Concen: 7.727 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 84 Resp: 51525
Ion Ratio Lower Upper
84 100
49 155.4 121.0 181.4
51 45.2 35.1 52.7
86 56.7 48.2 72.4

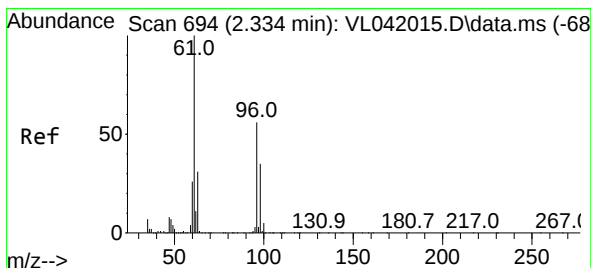
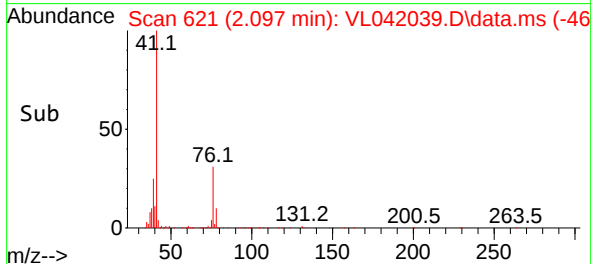
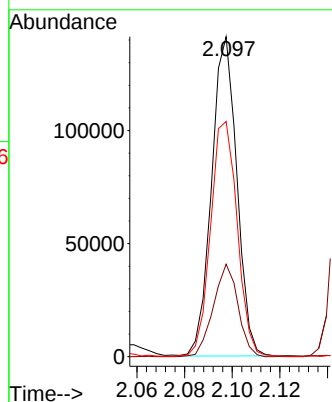
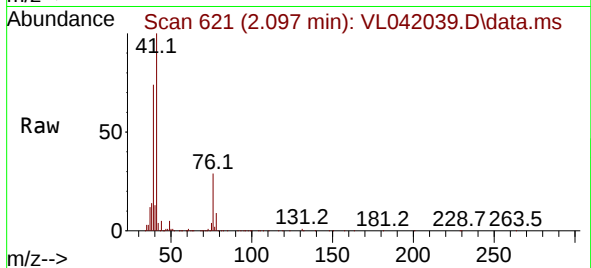




#21
 Allyl Chloride
 Concen: 8.106 ppbv
 RT: 2.097 min Scan# 618
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

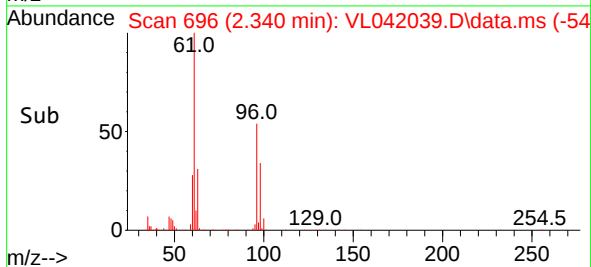
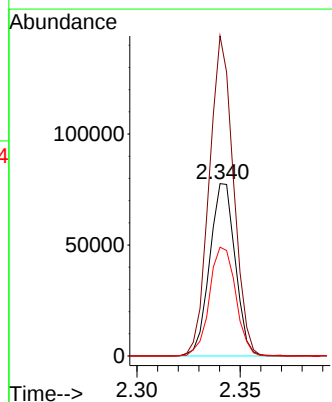
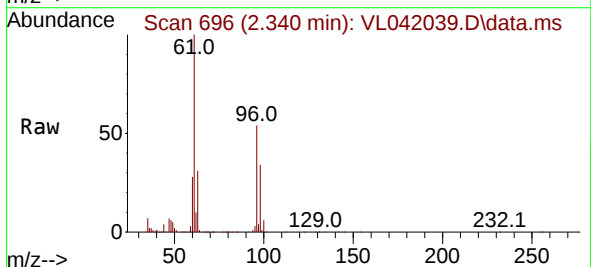
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

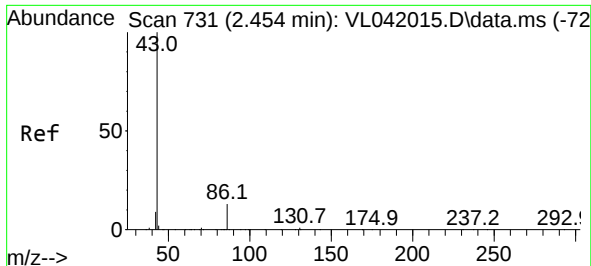
Tgt Ion: 41 Resp: 103960
 Ion Ratio Lower Upper
 41 100
 76 28.2 23.7 35.5
 39 77.1 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 8.876 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion: 96 Resp: 66737
 Ion Ratio Lower Upper
 96 100
 61 185.5 142.3 213.5
 98 63.2 50.2 75.2



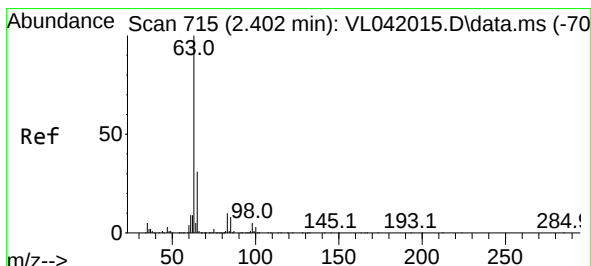
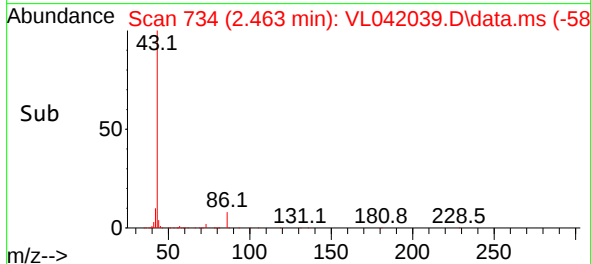
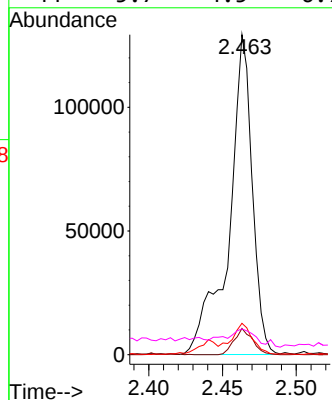
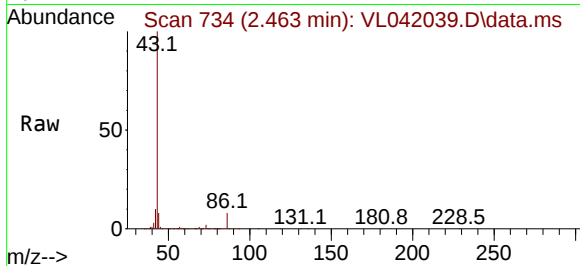


#23
 Vinyl Acetate
 Concen: 14.780 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 141769

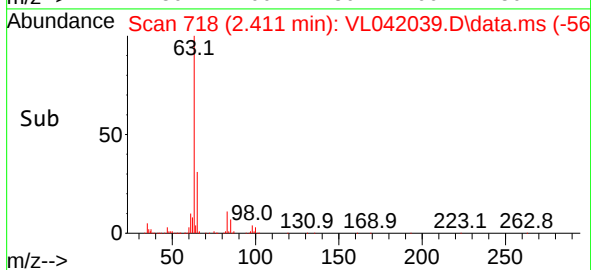
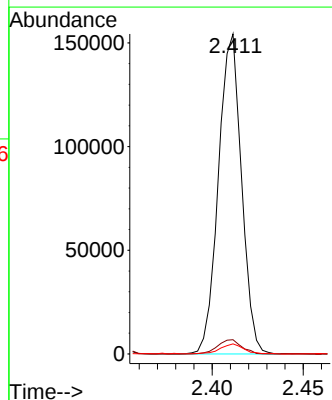
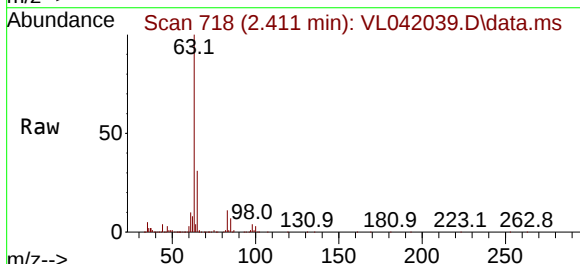
Ion	Ratio	Lower	Upper
43	100		
86	8.2	8.1	12.1
42	9.3	7.5	11.3
44	5.7	4.5	6.7

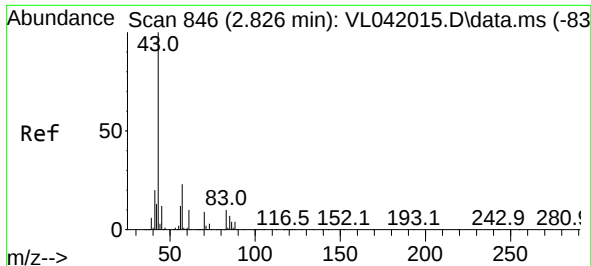


#24
 1,1-Dichloroethane
 Concen: 8.893 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion: 63 Resp: 135757

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.4	7.2
100	3.1	1.6	4.8





#25

Ethyl Acetate

Concen: 11.691 ppbv

RT: 2.839 min Scan# 846

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 568377

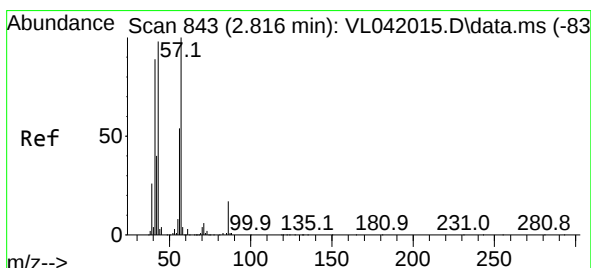
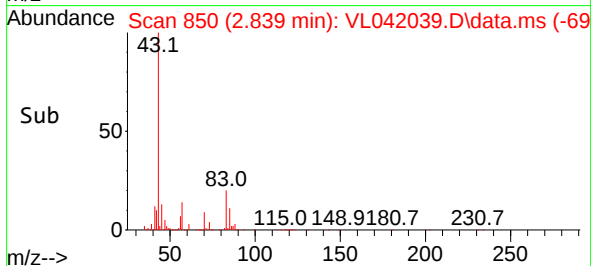
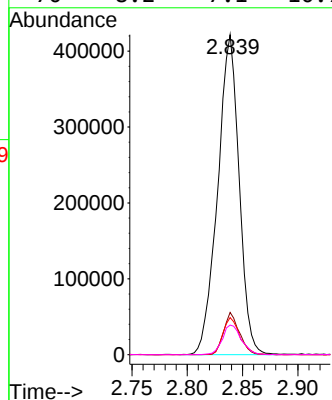
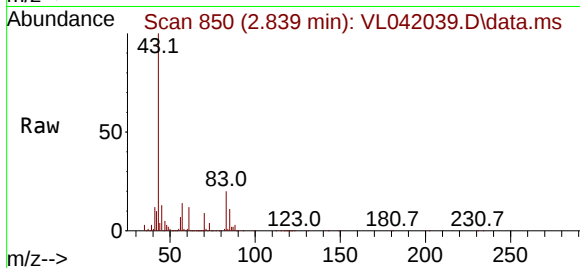
Ion Ratio Lower Upper

43 100

45 9.8 8.1 12.1

61 9.2 7.5 11.3

70 8.2 7.1 10.7



#26

Hexane

Concen: 12.158 ppbv

RT: 2.829 min Scan# 847

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Tgt Ion: 57 Resp: 237219

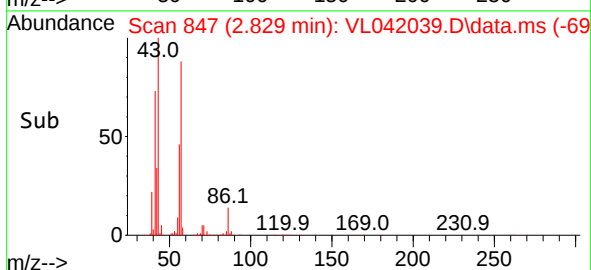
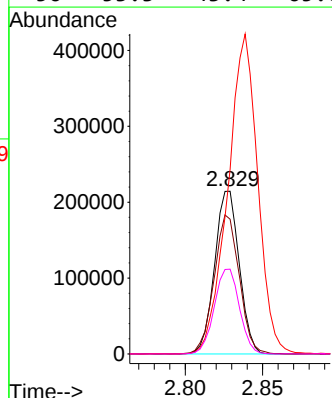
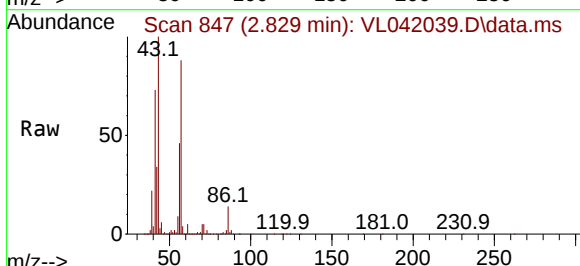
Ion Ratio Lower Upper

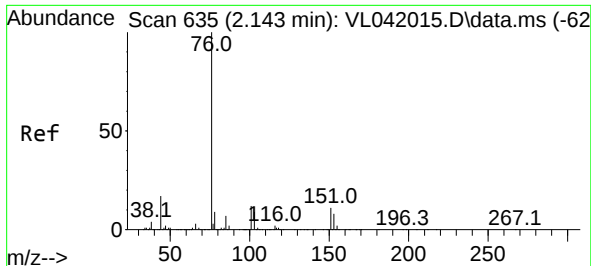
57 100

41 87.8 73.2 109.8

43 240.2 200.8 301.2

56 53.3 43.4 65.0

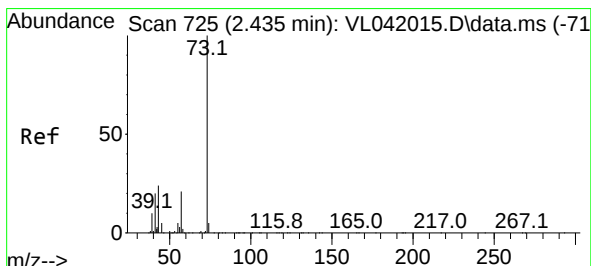
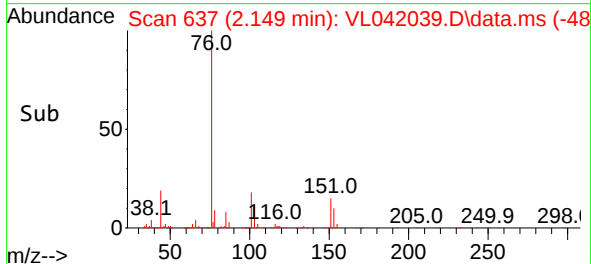
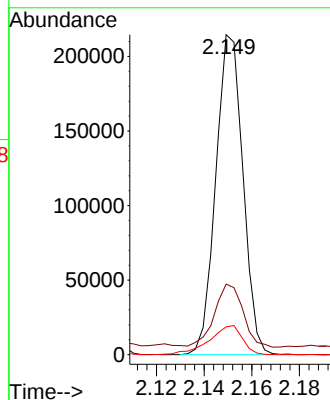
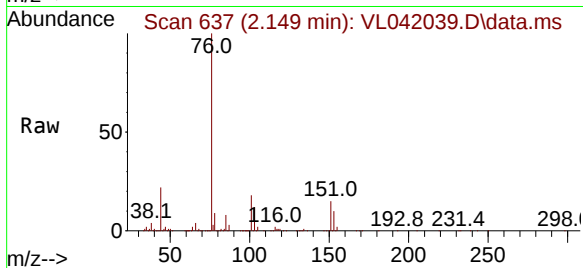




#27
Carbon Disulfide
Concen: 9.252 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

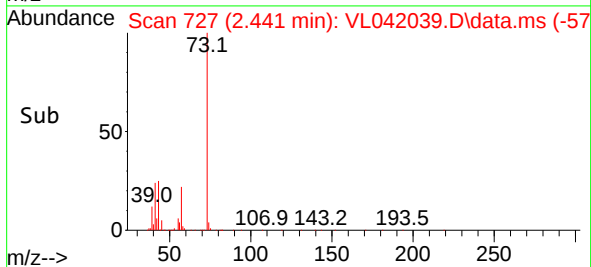
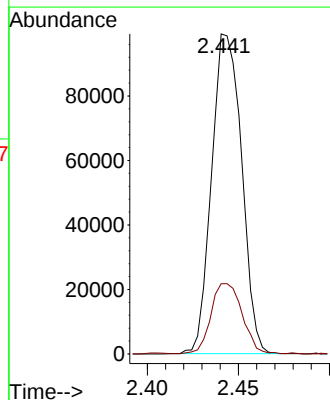
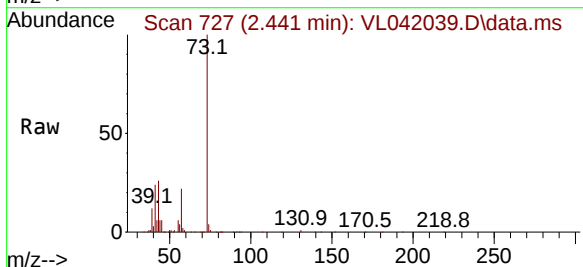
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

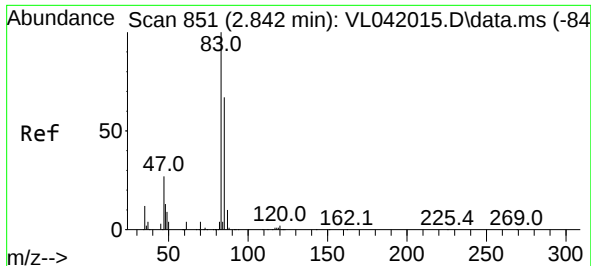
Tgt Ion: 76 Resp: 169781
Ion Ratio Lower Upper
76 100
44 20.7 18.1 27.1
78 11.1 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 9.516 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 73 Resp: 113493
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5





#29

Chloroform

Concen: 10.864 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

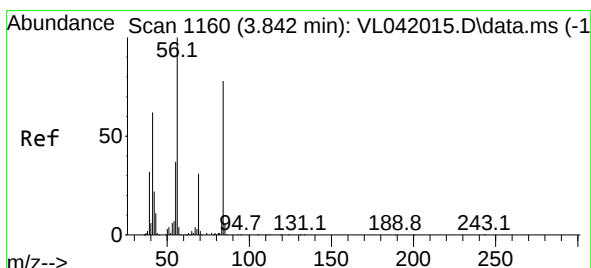
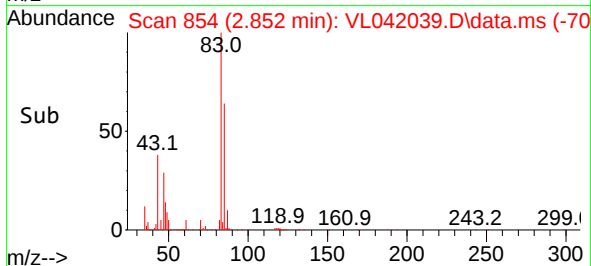
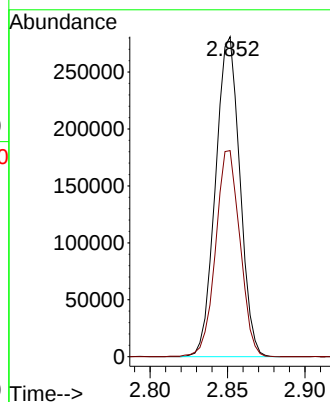
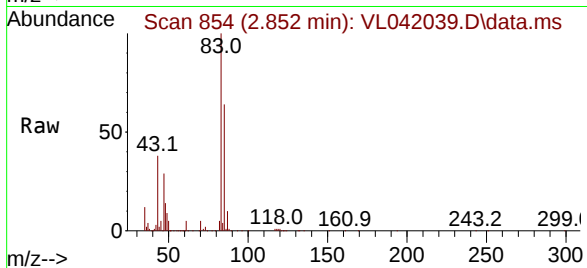
VSTDCCC010EC

Tgt Ion: 83 Resp: 307000

Ion Ratio Lower Upper

83 100

85 64.4 53.8 80.6



#30

Cyclohexane

Concen: 11.730 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.016 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

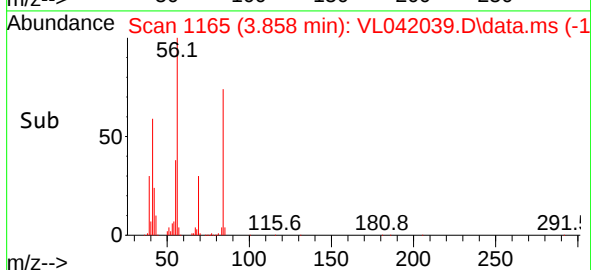
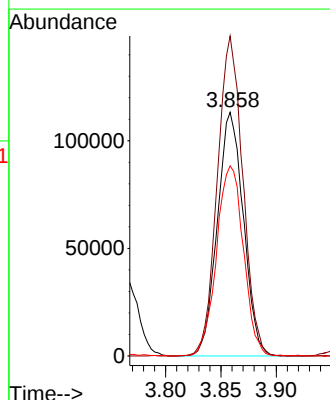
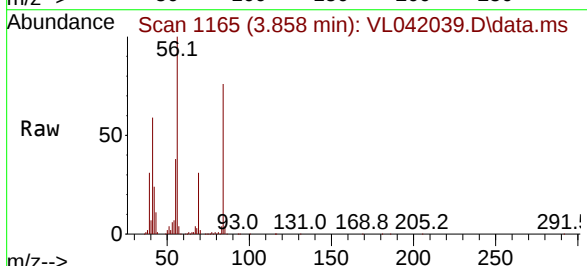
Tgt Ion: 84 Resp: 185648

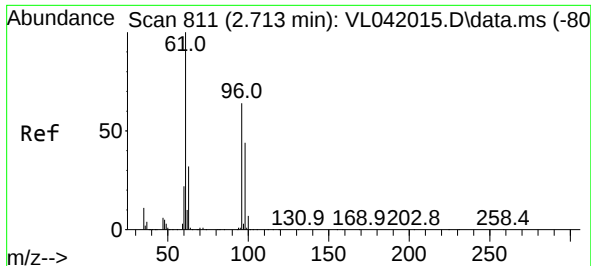
Ion Ratio Lower Upper

84 100

56 128.0 99.5 149.3

41 80.6 62.2 93.2

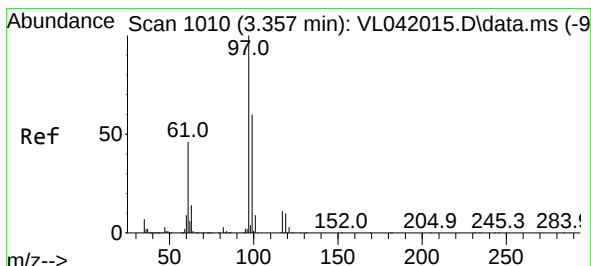
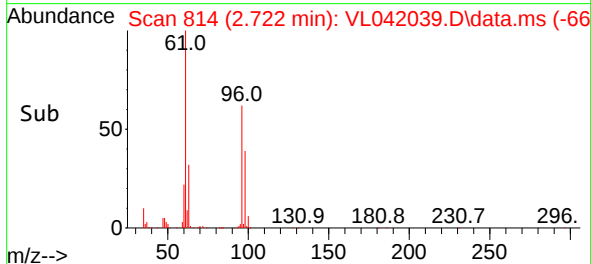
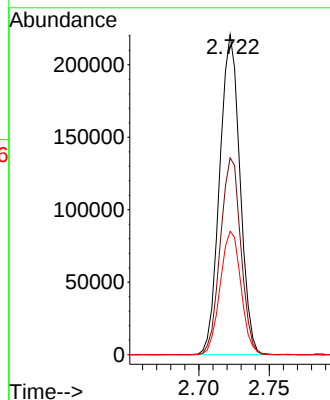
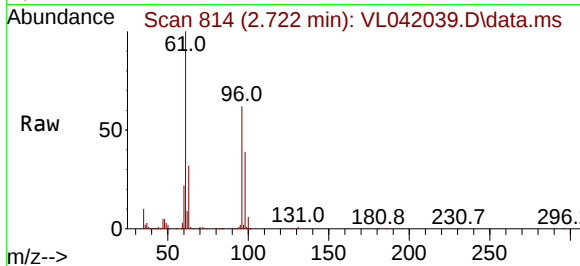




#31
 cis-1,2-Dichloroethene
 Concen: 11.491 ppbv
 RT: 2.722 min Scan# 811
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

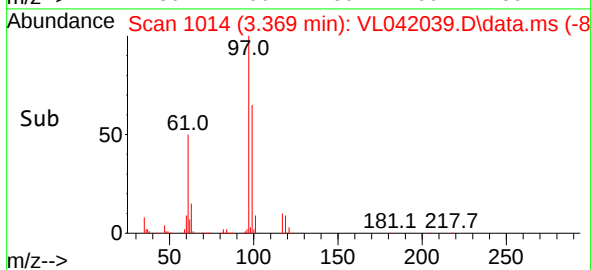
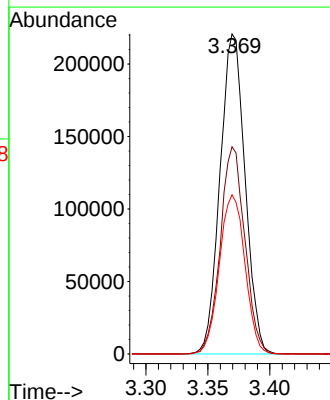
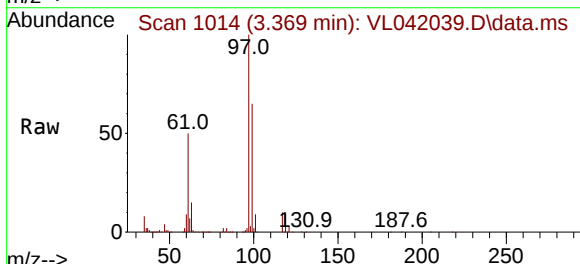
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

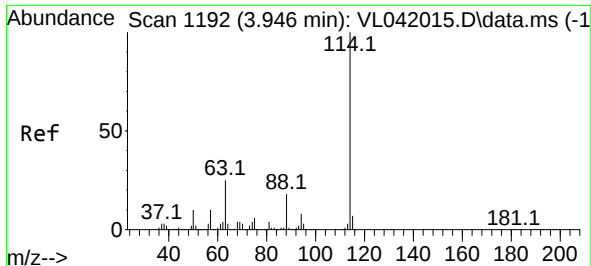
Tgt Ion: 61 Resp: 221584
 Ion Ratio Lower Upper
 61 100
 96 61.5 51.6 77.4
 98 38.6 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.914 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. -0.013 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion: 97 Resp: 310707
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.0 76.4
 61 50.9 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.019 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

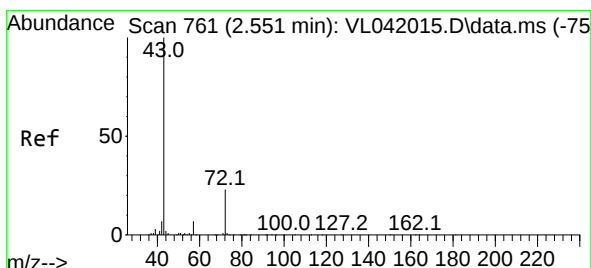
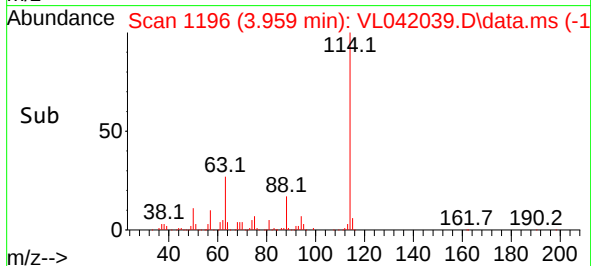
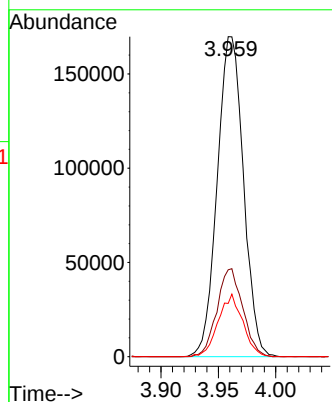
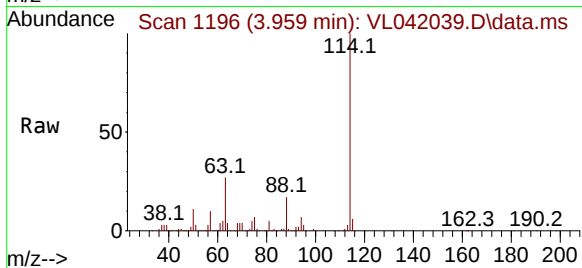
Tgt Ion:114 Resp: 270011

Ion Ratio Lower Upper

114 100

63 27.0 20.2 30.2

88 18.3 14.4 21.6



#34

2-Butanone

Concen: 13.969 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.010 min

Lab File: VL042039.D

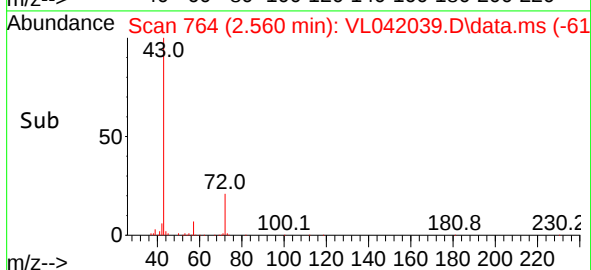
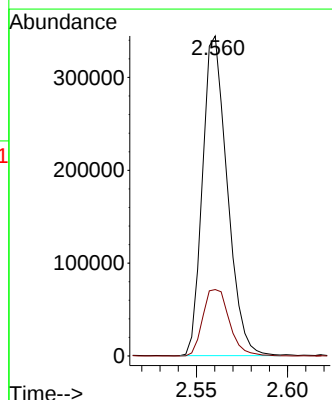
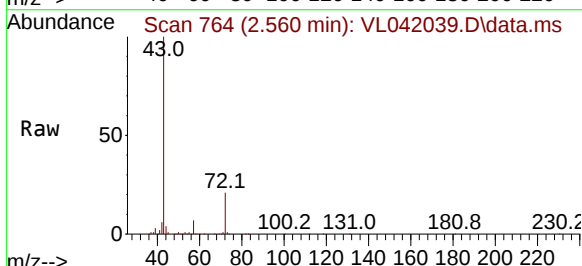
Acq: 21 Feb 2025 14:07

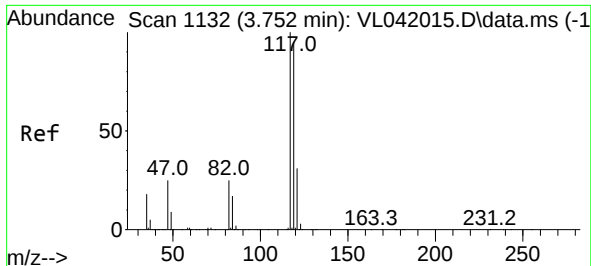
Tgt Ion: 43 Resp: 324492

Ion Ratio Lower Upper

43 100

72 22.4 18.3 27.5

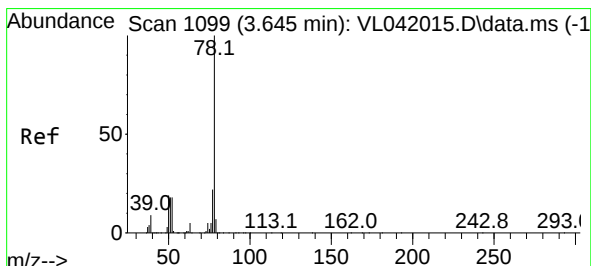
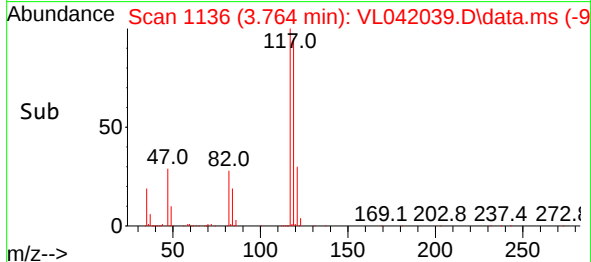
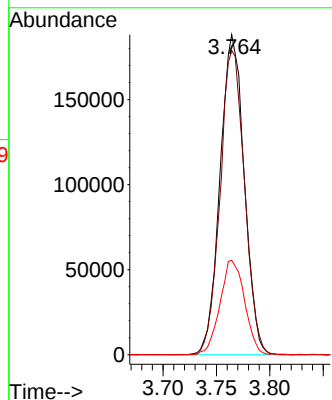
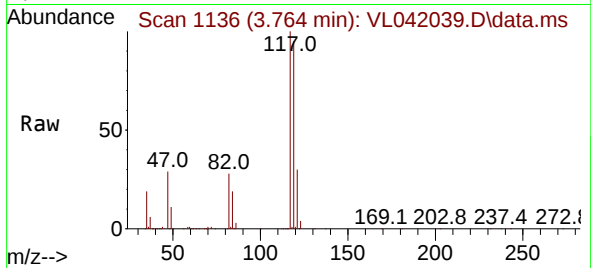




#35
Carbon Tetrachloride
Concen: 11.293 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

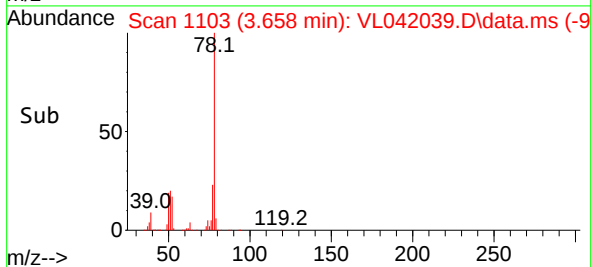
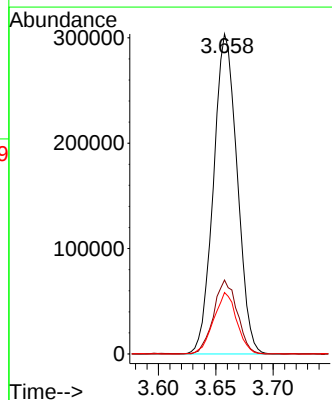
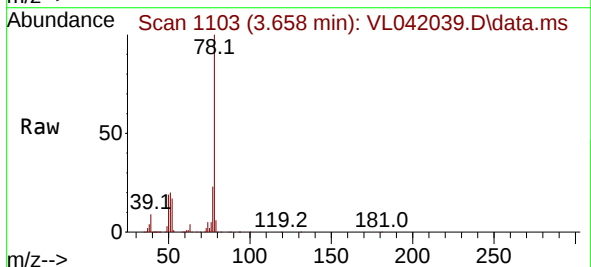
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

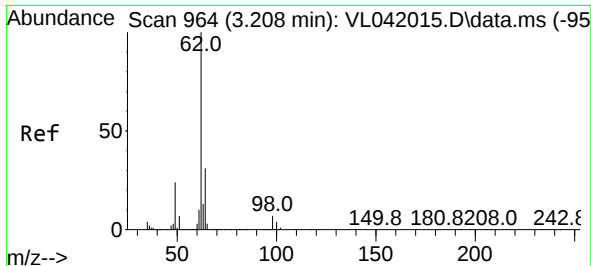
Tgt Ion:117 Resp: 296092
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
121 29.5 24.6 36.8



#36
Benzene
Concen: 13.333 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 78 Resp: 436094
Ion Ratio Lower Upper
78 100
77 23.1 18.0 27.0
50 19.2 15.2 22.8





#37

1,2-Dichloroethane

Concen: 13.468 ppbv

RT: 3.221 min Scan# 9

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

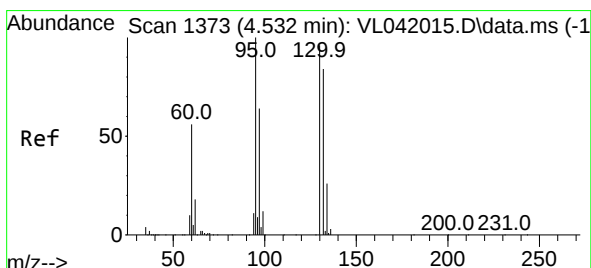
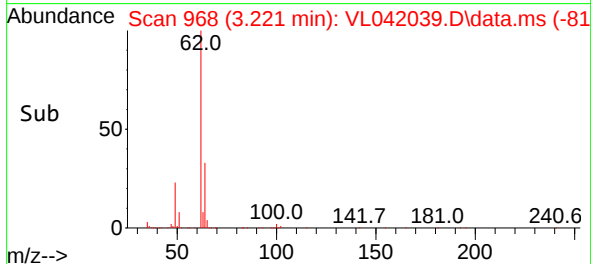
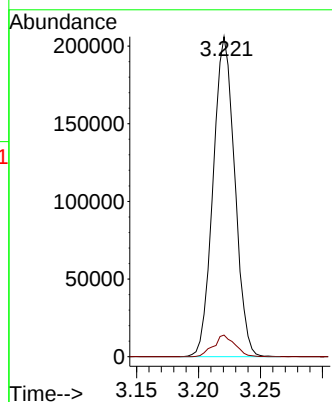
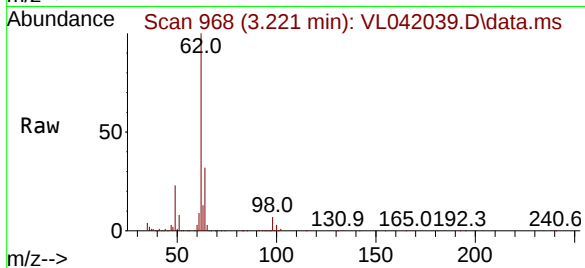
VSTDCCC010EC

Tgt Ion: 62 Resp: 250762

Ion Ratio Lower Upper

62 100

98 6.7 5.7 8.5



#38

Trichloroethene

Concen: 11.554 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. -0.019 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Tgt Ion:130 Resp: 153529

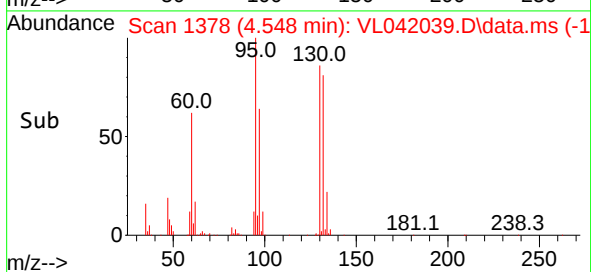
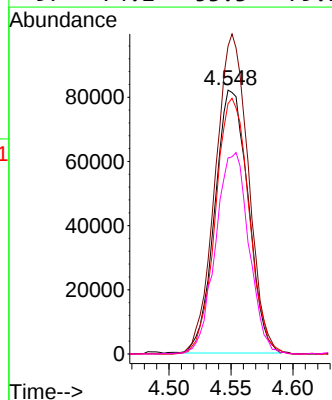
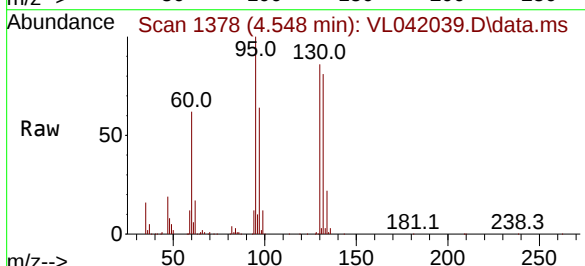
Ion Ratio Lower Upper

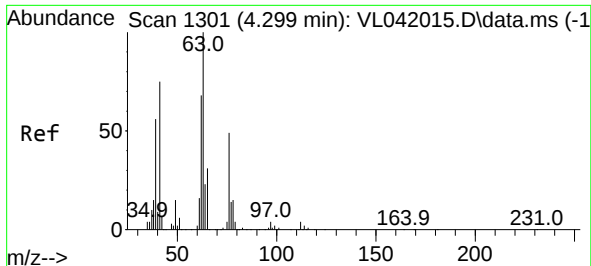
130 100

95 117.0 82.8 124.2

132 95.0 70.0 105.0

97 74.2 53.3 79.9





#39

1,2-Dichloropropane

Concen: 13.521 ppbv

RT: 4.318 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

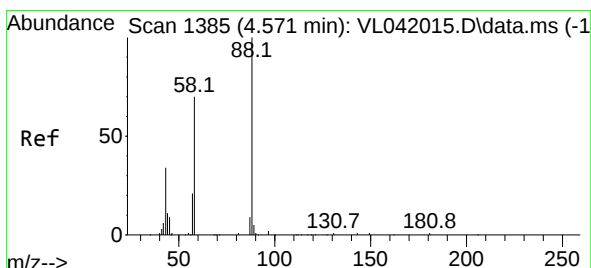
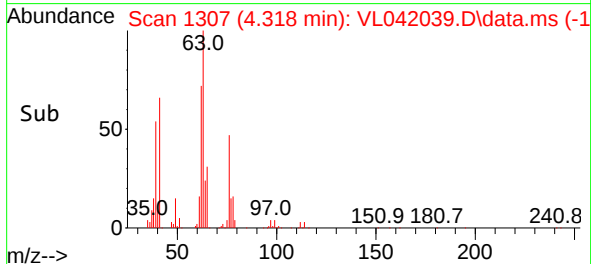
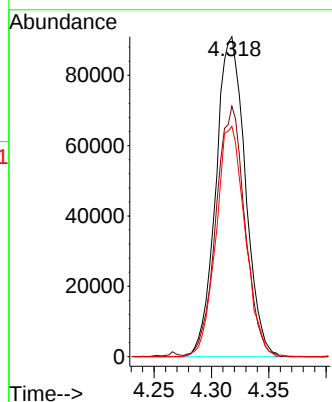
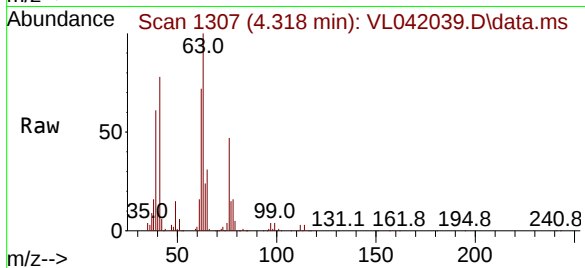
Tgt Ion: 63 Resp: 162135

Ion Ratio Lower Upper

63 100

41 78.2 60.1 90.1

62 72.1 54.0 81.0



#40

1,4-Dioxane

Concen: 11.774 ppbv

RT: 4.586 min Scan# 1390

Delta R.T. -0.023 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Tgt Ion: 88 Resp: 73465

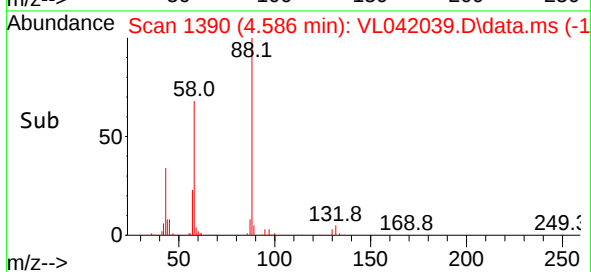
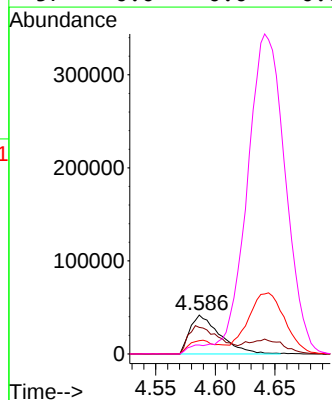
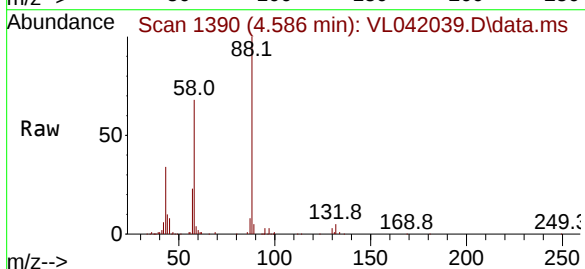
Ion Ratio Lower Upper

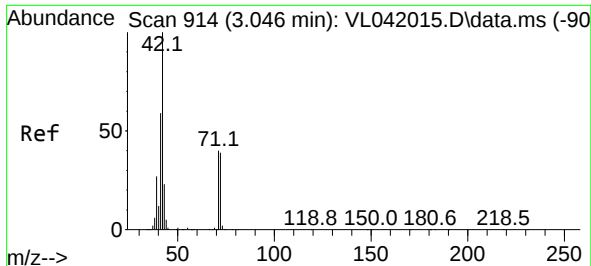
88 100

58 77.9 58.1 87.1

43 37.8 27.3 40.9

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 14.413 ppbv

RT: 3.059 min Scan# 914

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

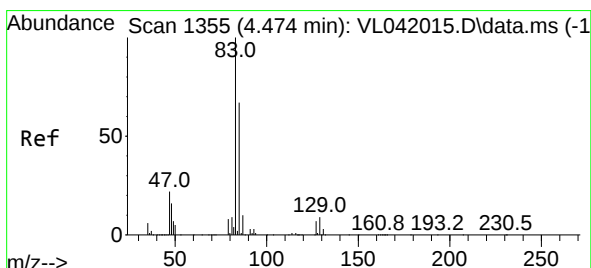
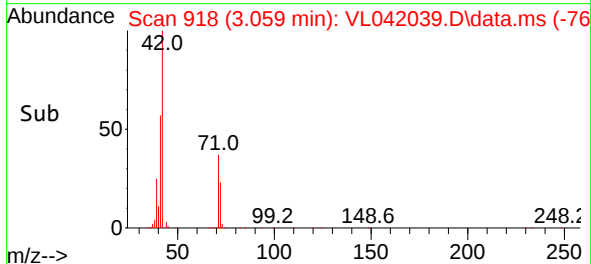
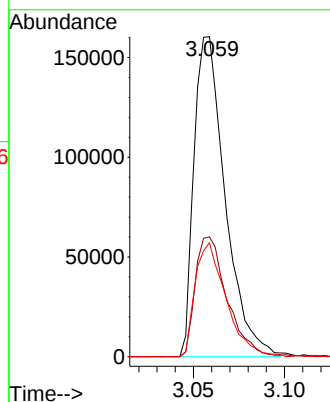
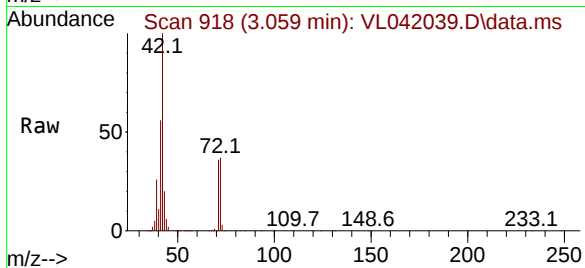
Tgt Ion: 42 Resp: 191348

Ion Ratio Lower Upper

42 100

72 38.4 32.3 48.5

71 35.3 30.9 46.3



#42

Bromodichloromethane

Concen: 13.364 ppbv

RT: 4.493 min Scan# 1361

Delta R.T. -0.023 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

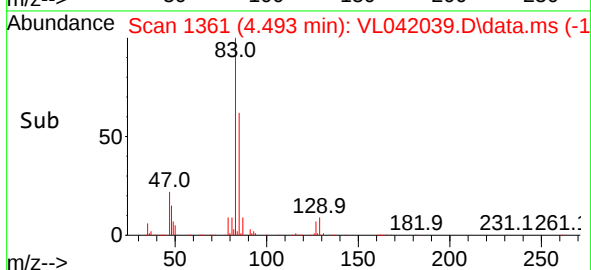
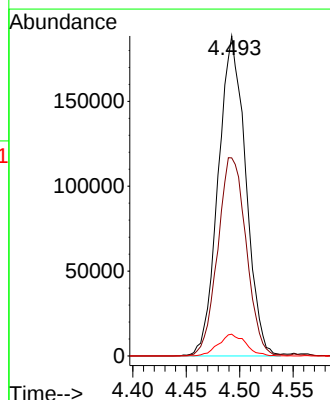
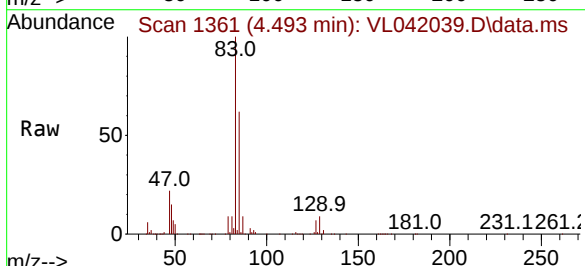
Tgt Ion: 83 Resp: 337106

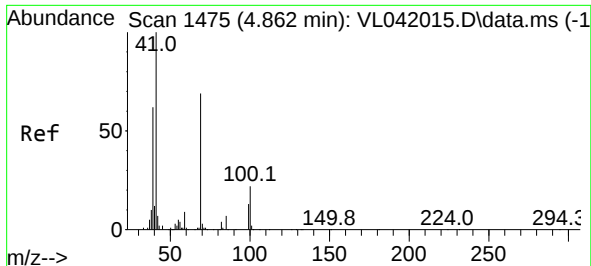
Ion Ratio Lower Upper

83 100

85 61.8 53.3 79.9

127 6.8 6.0 9.0

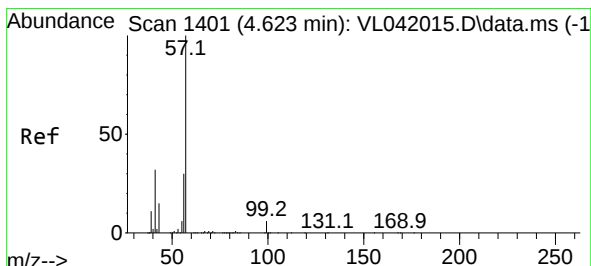
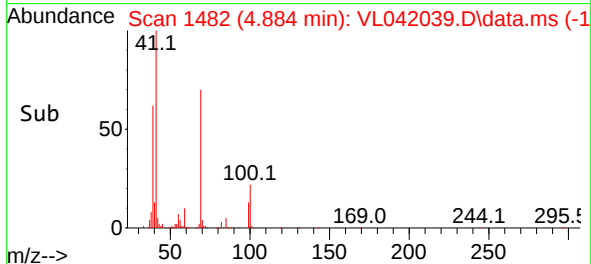
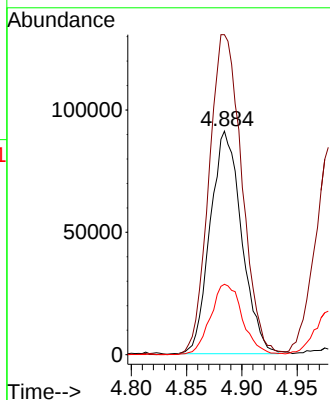
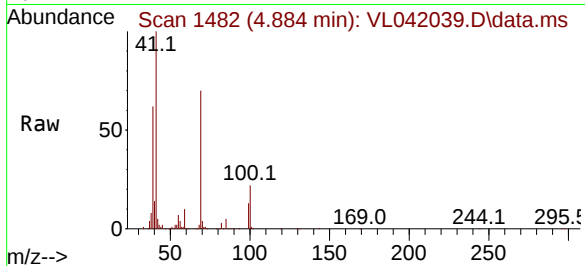




#43
Methyl Methacrylate
Concen: 12.064 ppbv
RT: 4.884 min Scan# 1475
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

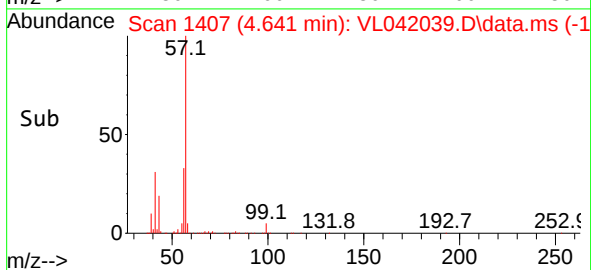
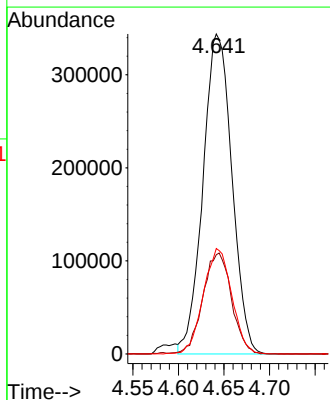
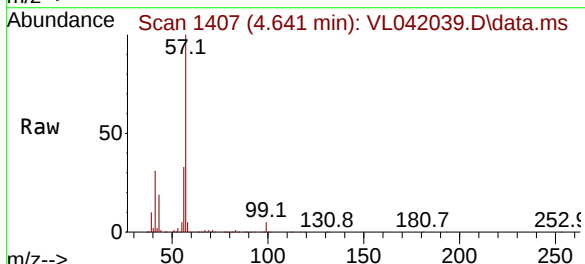
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

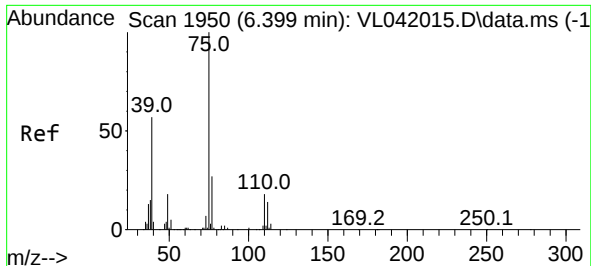
Tgt Ion: 69 Resp: 179871
Ion Ratio Lower Upper
69 100
41 150.0 114.9 172.3
100 32.2 28.8 43.2



#44
2,2,4-Trimethylpentane
Concen: 13.695 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.023 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 57 Resp: 760401
Ion Ratio Lower Upper
57 100
41 31.5 25.9 38.9
56 32.3 24.9 37.3

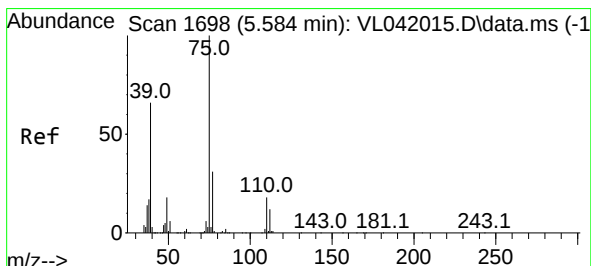
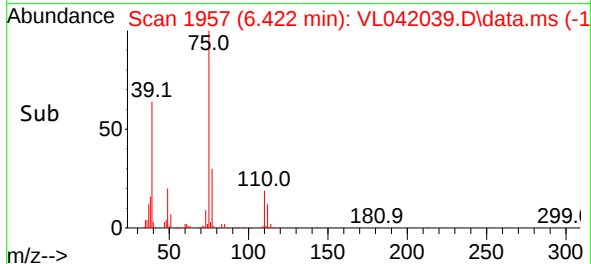
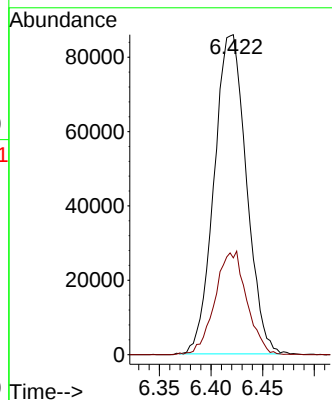
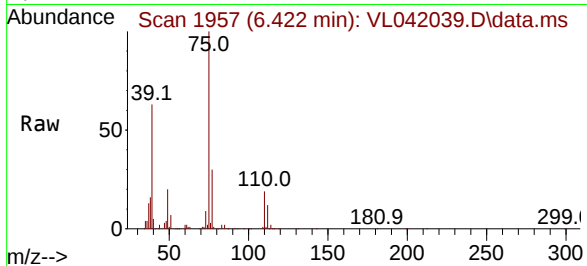




#45
 t-1,3-Dichloropropene
 Concen: 13.241 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. -0.023 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

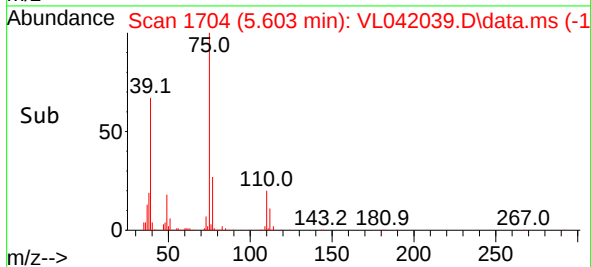
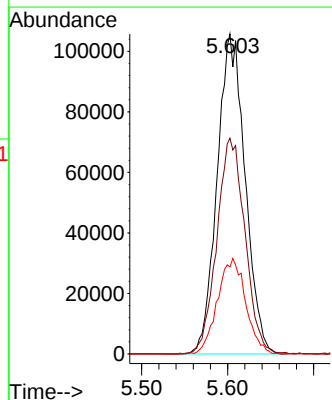
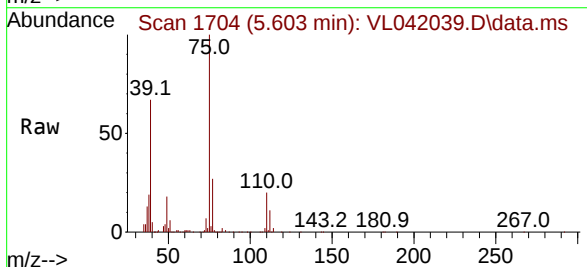
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

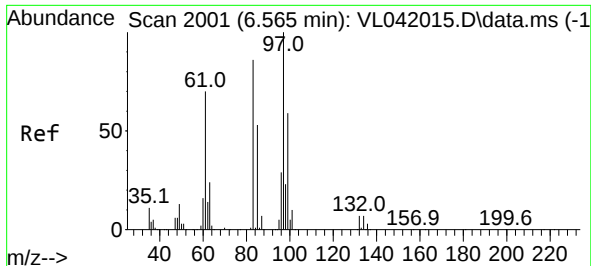
Tgt Ion: 75 Resp: 186371
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.1 33.1



#46
 cis-1,3-Dichloropropene
 Concen: 13.347 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.026 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion: 75 Resp: 238360
 Ion Ratio Lower Upper
 75 100
 39 67.2 52.2 78.4
 77 27.2 24.5 36.7



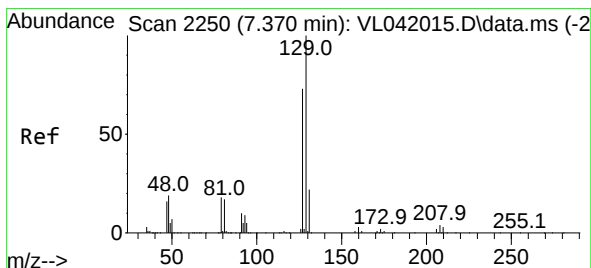
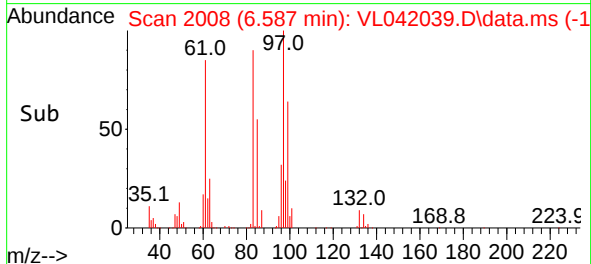
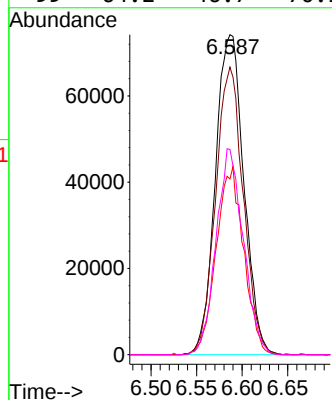
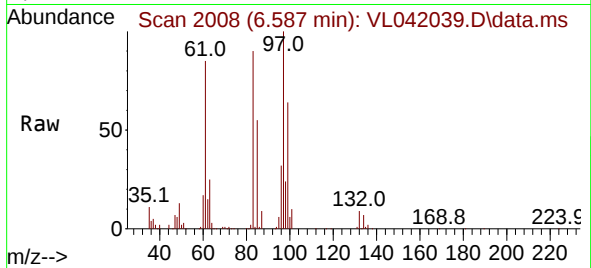


#47
1,1,2-Trichloroethane
Concen: 12.780 ppbv
RT: 6.587 min Scan# 2008
Delta R.T. -0.023 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 161278

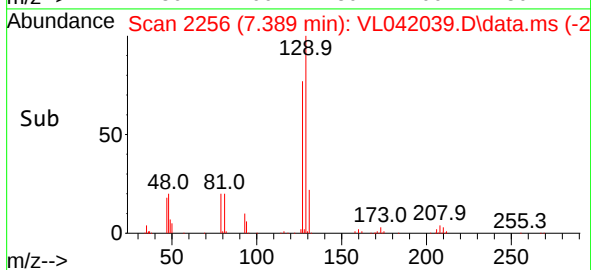
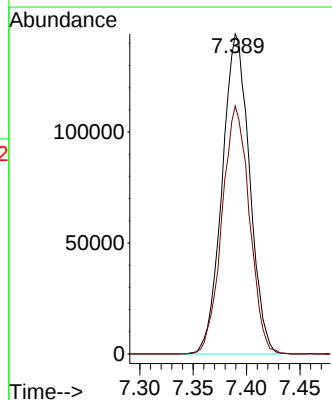
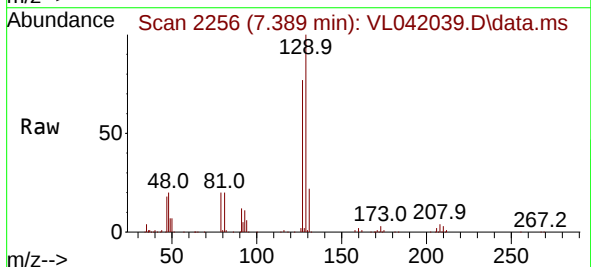
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.6	102.8
85	54.9	42.2	63.4
99	64.2	46.7	70.1

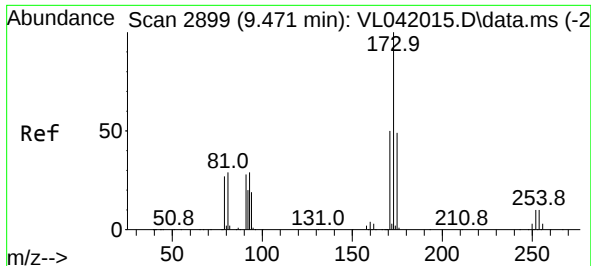


#48
Dibromochloromethane
Concen: 12.157 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 129 Resp: 256951

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.2	114.6

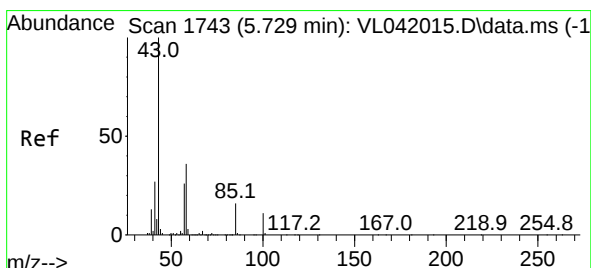
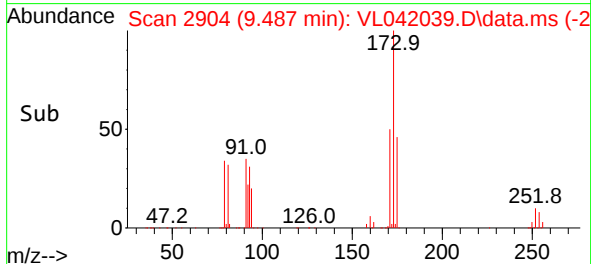
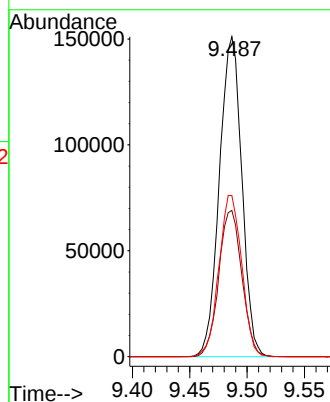
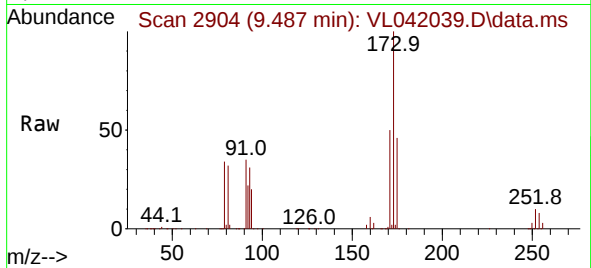




#49
Bromoform
Concen: 11.856 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

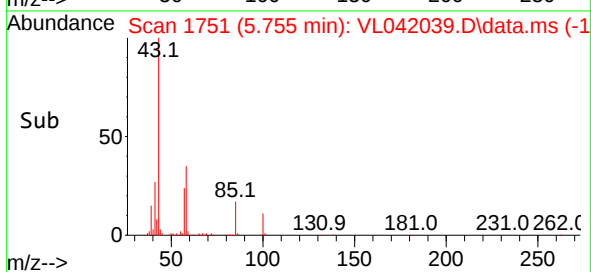
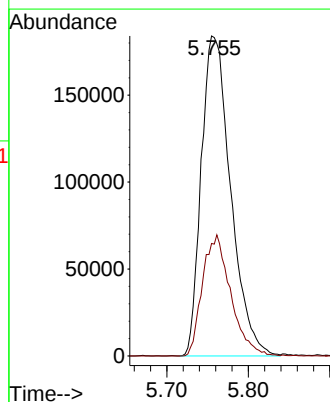
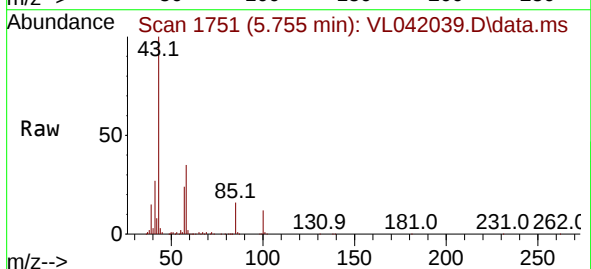
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

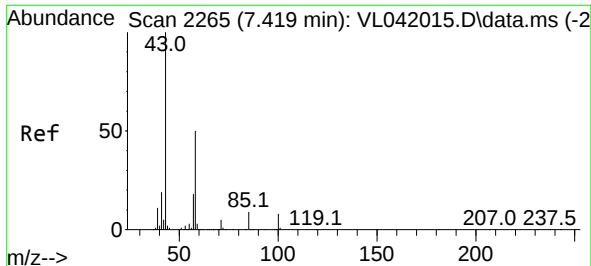
Tgt Ion:173 Resp: 205542
Ion Ratio Lower Upper
173 100
175 47.1 39.3 58.9
171 51.3 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 12.906 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.029 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 43 Resp: 460781
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.0

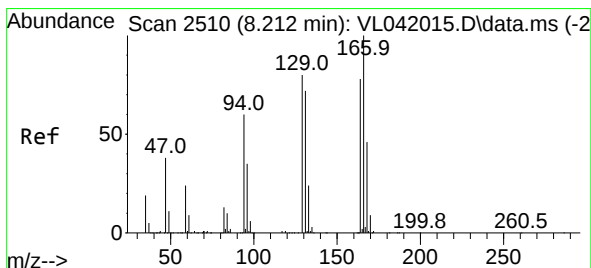
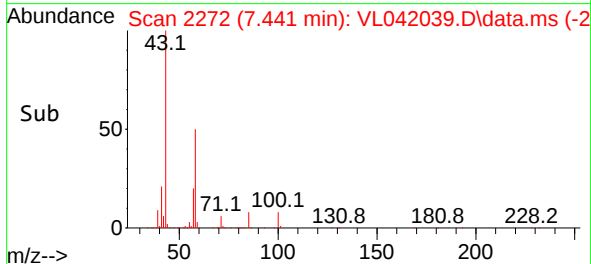
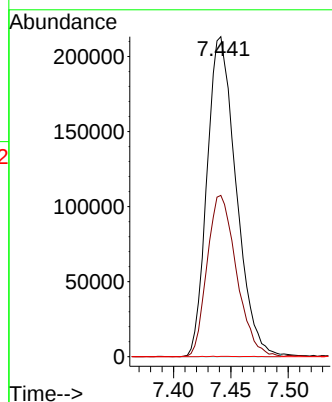
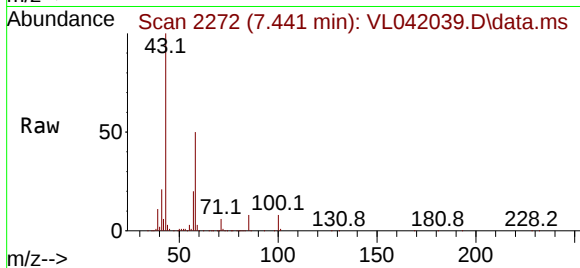




#51
2-Hexanone
Concen: 12.878 ppbv
RT: 7.441 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

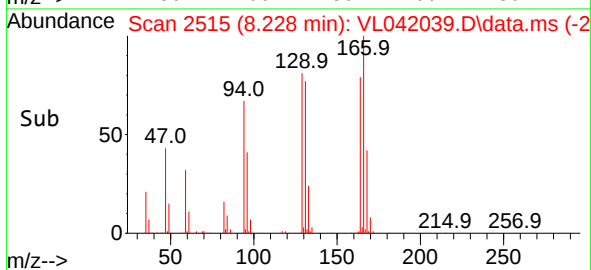
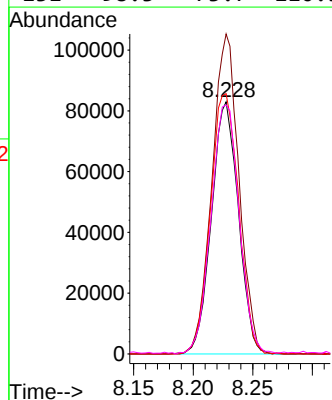
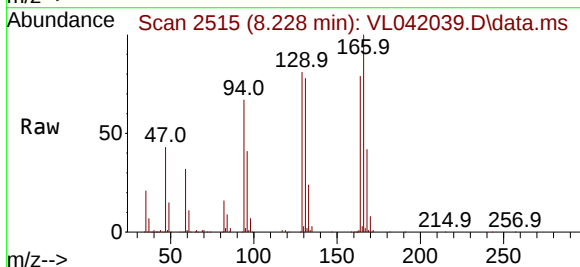
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

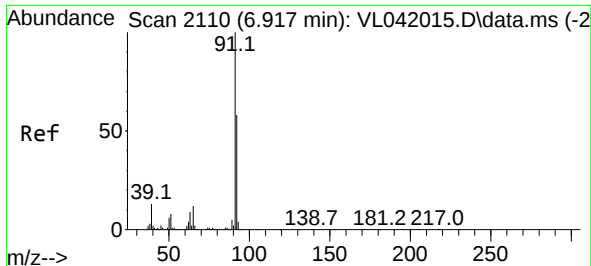
Tgt Ion: 43 Resp: 376032
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 11.377 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 164 Resp: 129787
Ion Ratio Lower Upper
164 100
166 126.7 102.2 153.2
129 103.2 82.2 123.4
131 98.3 73.7 110.5

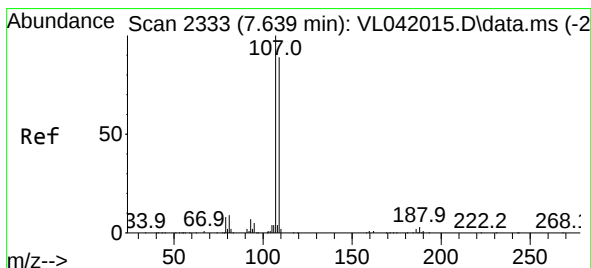
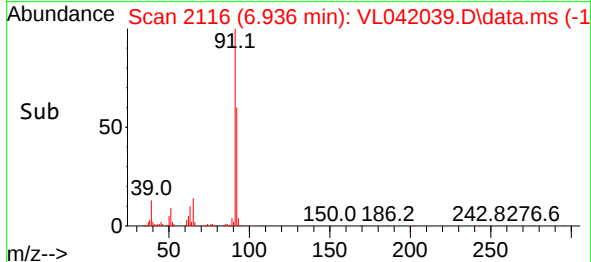
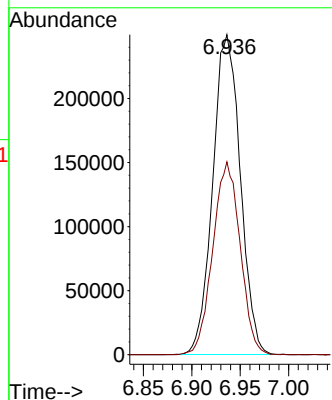
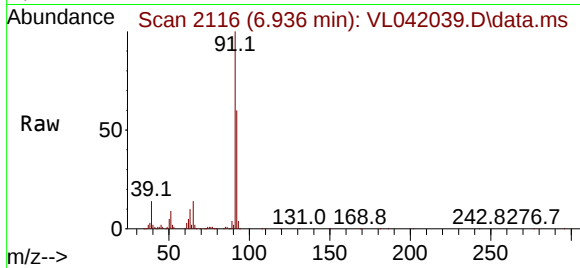




#53
Toluene
Concen: 12.690 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

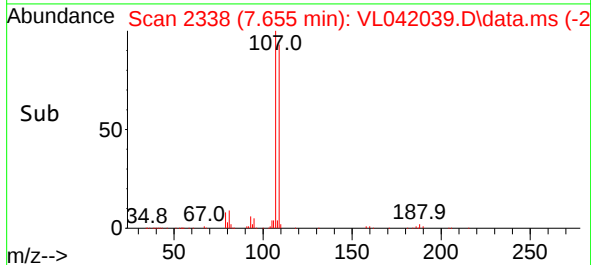
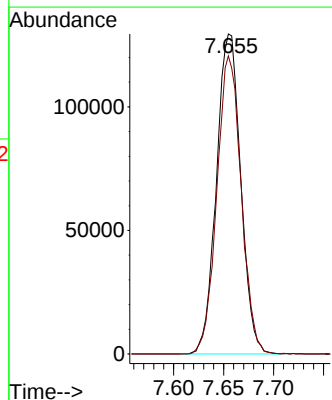
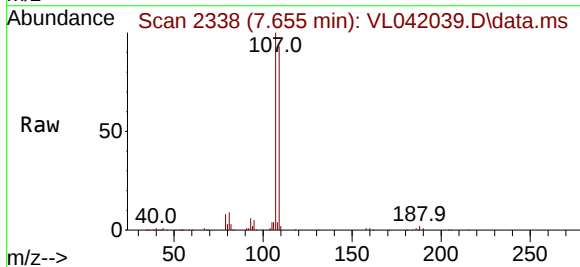
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

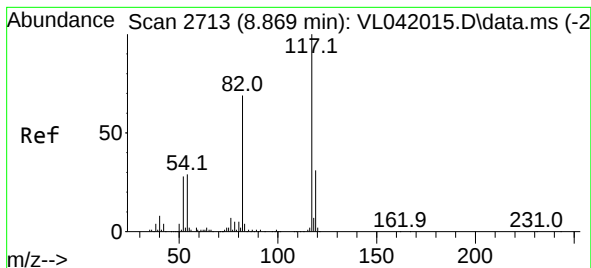
Tgt Ion: 91 Resp: 494594
Ion Ratio Lower Upper
91 100
92 59.8 47.5 71.3



#54
1,2-Dibromoethane
Concen: 12.616 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 107 Resp: 219203
Ion Ratio Lower Upper
107 100
109 93.2 71.5 107.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

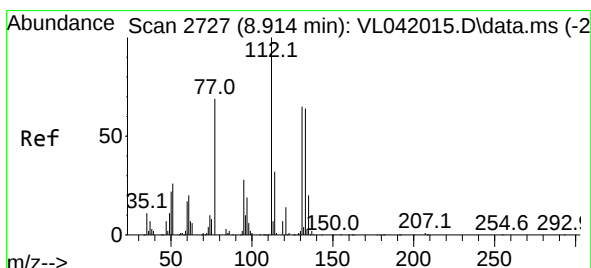
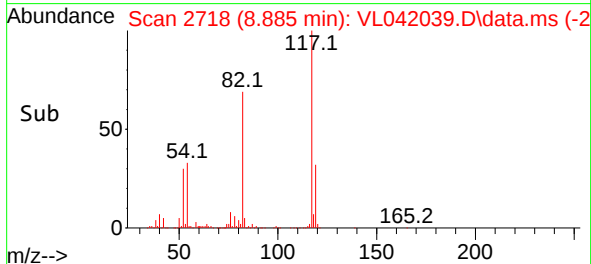
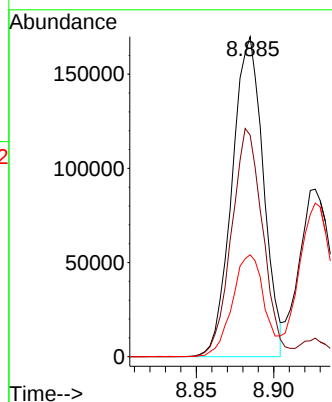
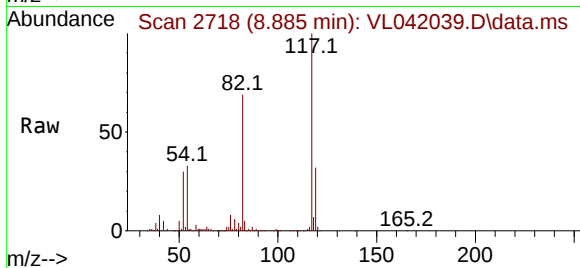
Tgt Ion:117 Resp: 239019

Ion Ratio Lower Upper

117 100

82 76.6 55.7 83.5

119 32.0 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 11.408 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.016 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

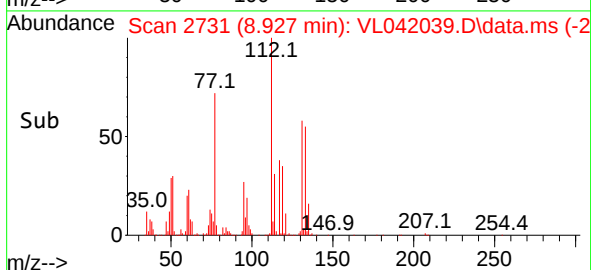
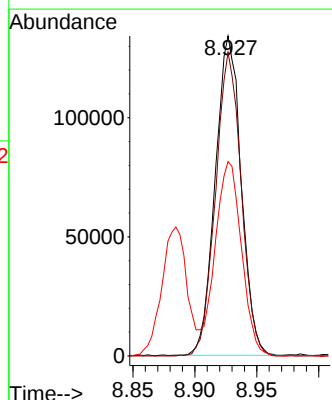
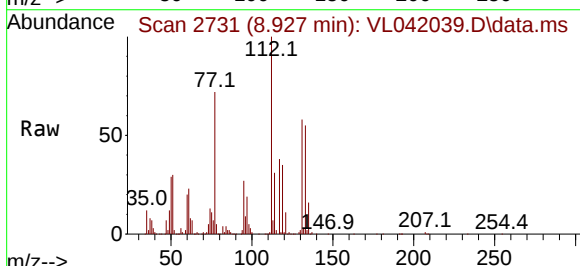
Tgt Ion:131 Resp: 195165

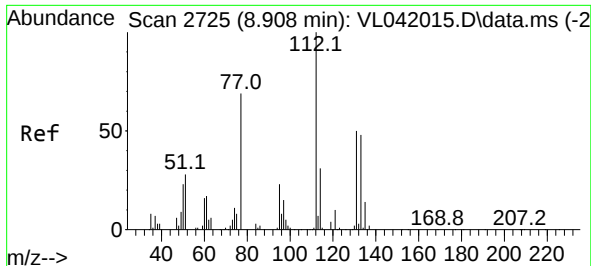
Ion Ratio Lower Upper

131 100

133 94.2 77.8 116.8

119 60.3 49.1 73.7

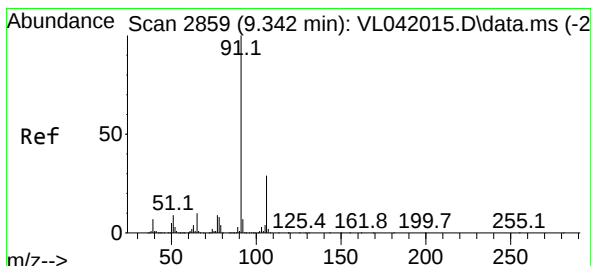
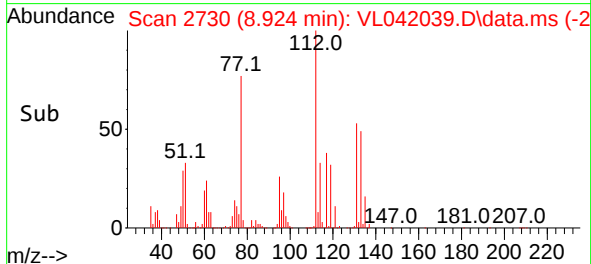
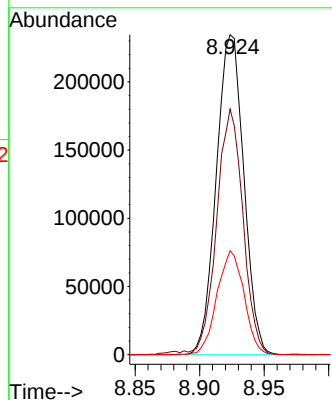
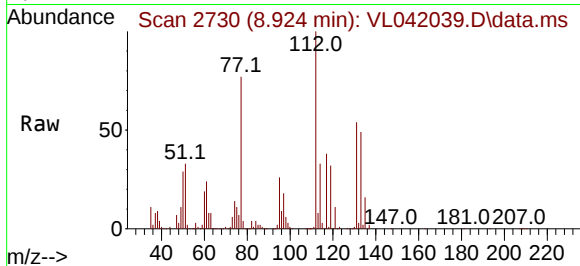




#57
Chlorobenzene
Concen: 12.373 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

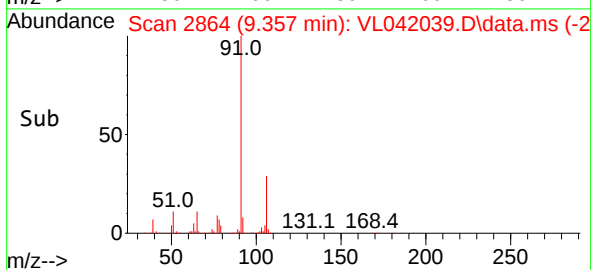
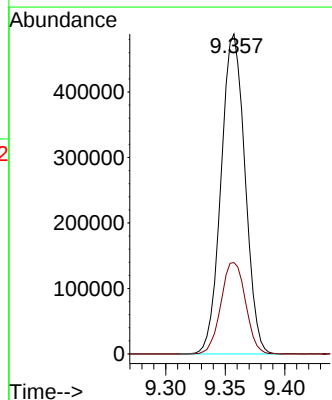
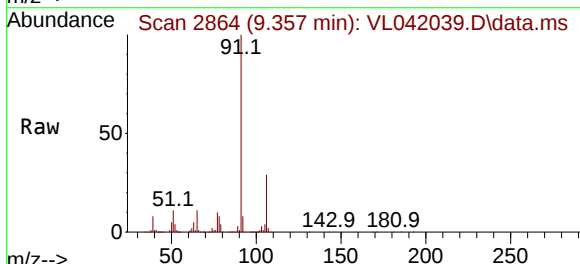
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

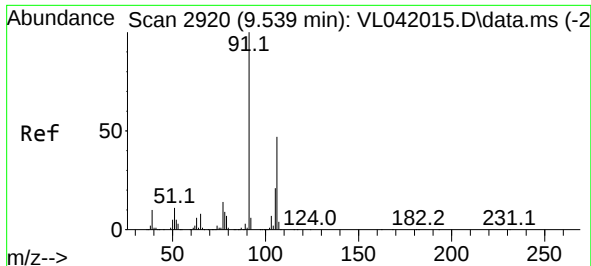
Tgt Ion:112 Resp: 347903
Ion Ratio Lower Upper
112 100
77 76.6 56.2 84.2
114 32.5 28.2 34.4



#58
Ethyl Benzene
Concen: 13.024 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 91 Resp: 681298
Ion Ratio Lower Upper
91 100
106 28.6 23.1 34.7





#59

m/p-Xylene

Concen: 14.503 ppbv

RT: 9.535 min Scan# 2919

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

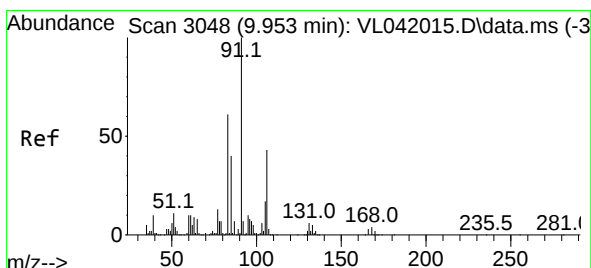
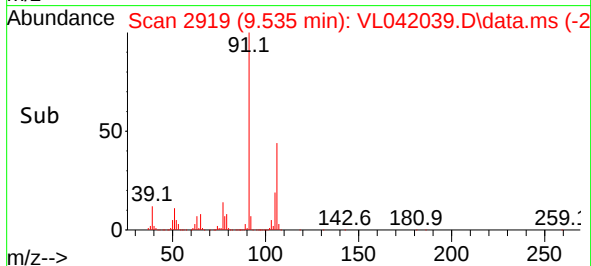
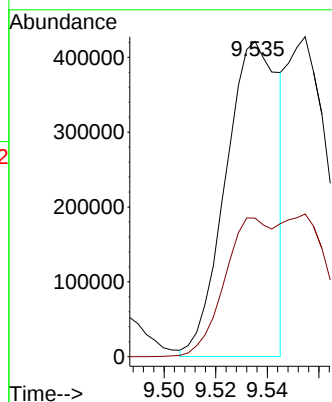
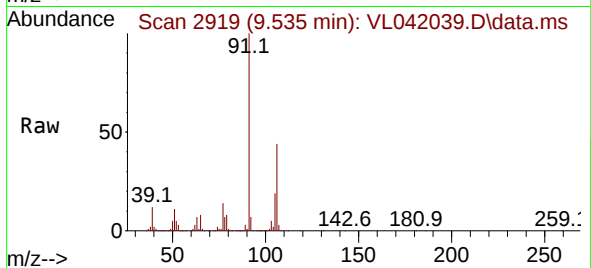
VSTDCCC010EC

Tgt Ion: 91 Resp: 597591

Ion Ratio Lower Upper

91 100

106 0.0 35.8 53.8#



#60

o-Xylene

Concen: 12.580 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.013 min

Lab File: VL042039.D

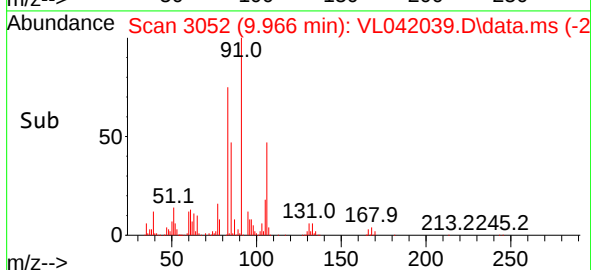
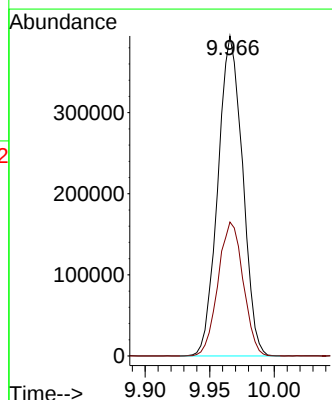
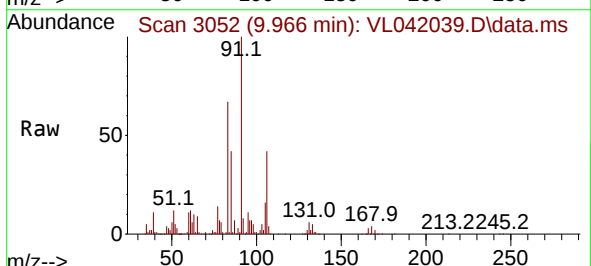
Acq: 21 Feb 2025 14:07

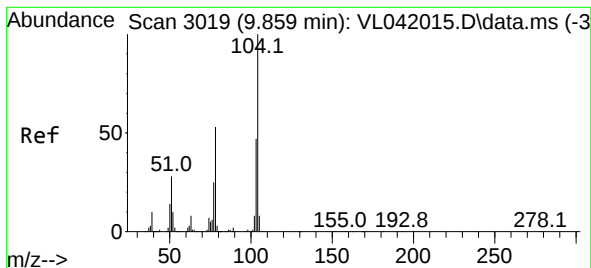
Tgt Ion: 91 Resp: 524229

Ion Ratio Lower Upper

91 100

106 42.6 21.4 64.3





#61

Styrene

Concen: 12.932 ppbv

RT: 9.872 min Scan# 3019

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

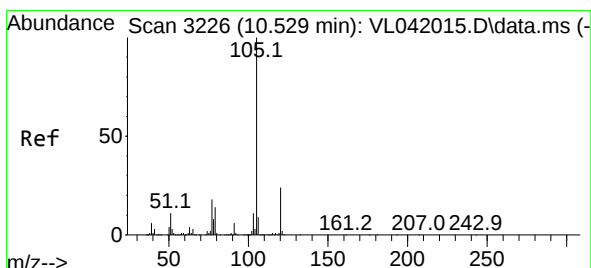
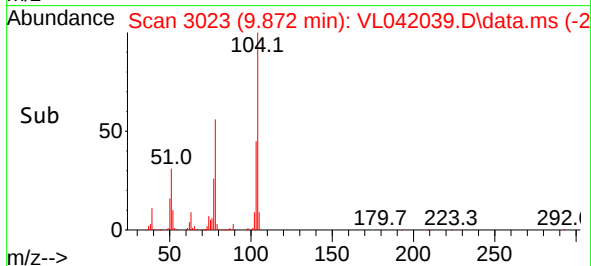
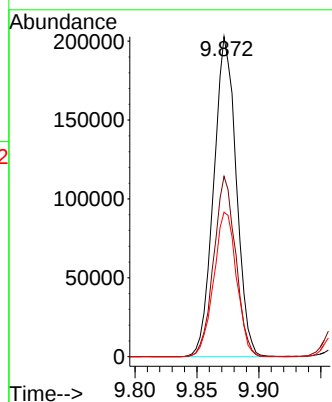
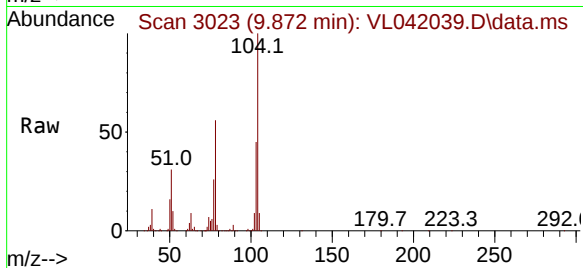
Tgt Ion:104 Resp: 256970

Ion Ratio Lower Upper

104 100

78 54.9 42.2 63.4

103 45.9 38.1 57.1



#62

Isopropylbenzene

Concen: 12.425 ppbv

RT: 10.542 min Scan# 3230

Delta R.T. -0.013 min

Lab File: VL042039.D

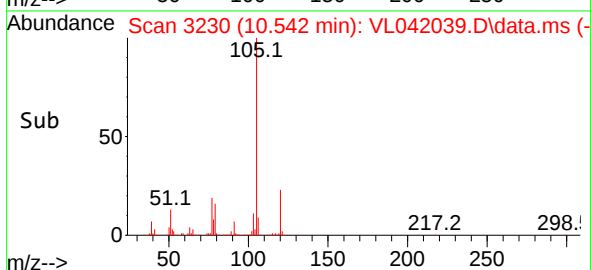
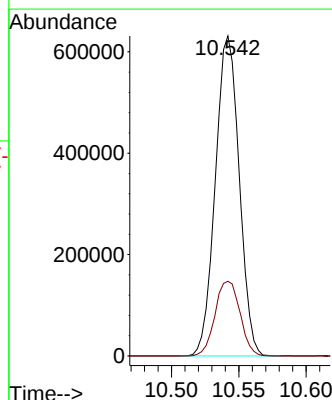
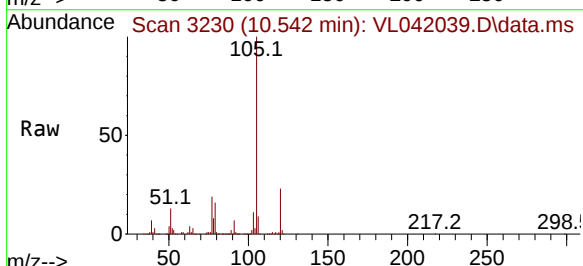
Acq: 21 Feb 2025 14:07

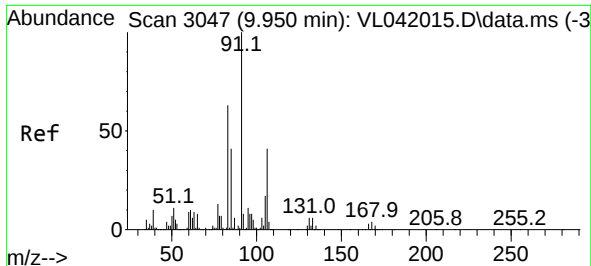
Tgt Ion:105 Resp: 777313

Ion Ratio Lower Upper

105 100

120 24.4 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 12.577 ppbv

RT: 9.966 min Scan# 3047

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

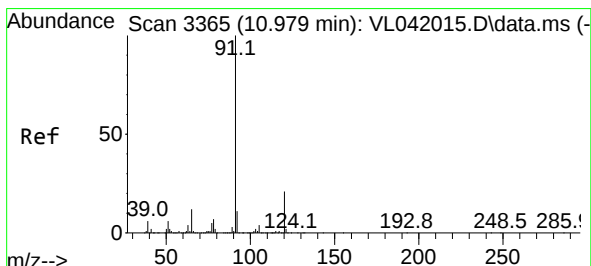
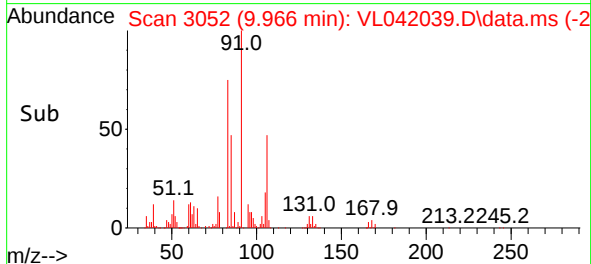
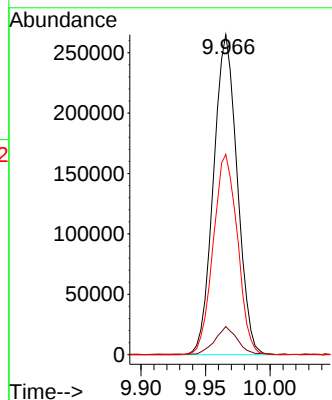
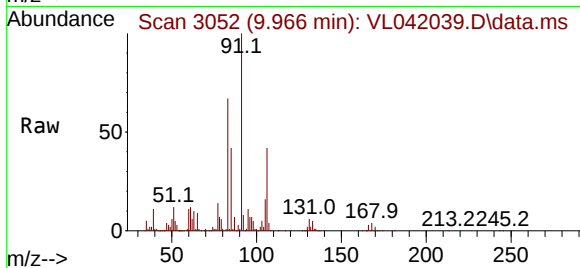
Tgt Ion: 83 Resp: 338130

Ion Ratio Lower Upper

83 100

131 8.4 5.0 15.0

85 64.0 32.1 96.3



#64

n-propylbenzene

Concen: 12.419 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. -0.013 min

Lab File: VL042039.D

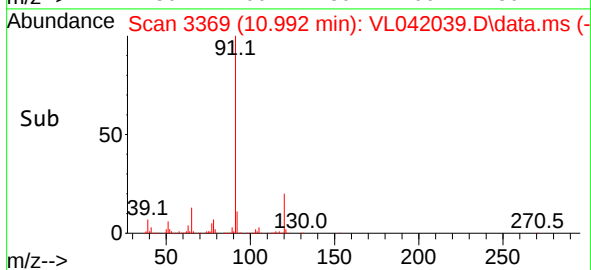
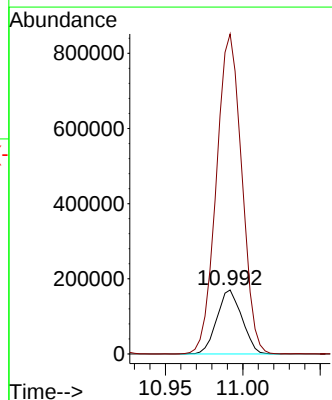
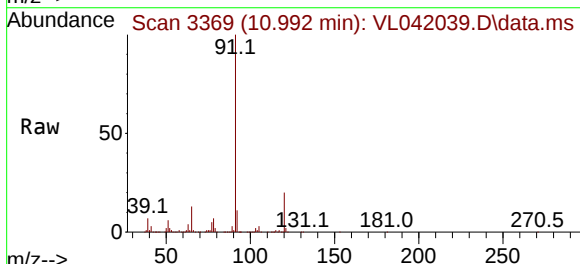
Acq: 21 Feb 2025 14:07

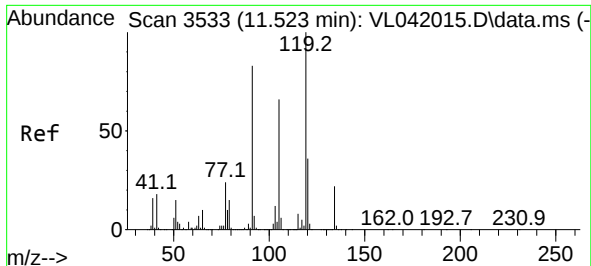
Tgt Ion: 120 Resp: 190915

Ion Ratio Lower Upper

120 100

91 510.2 392.2 588.2

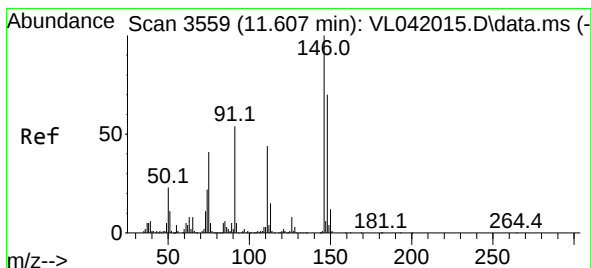
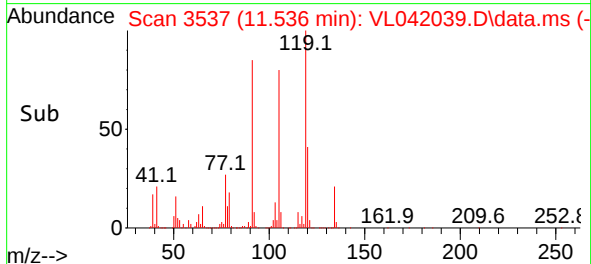
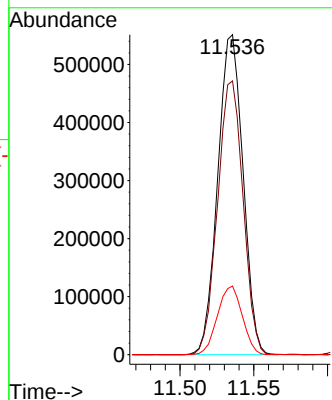
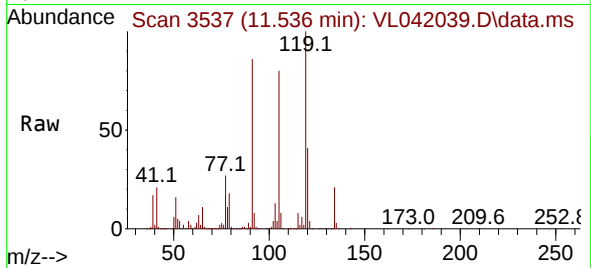




#65
tert-Butylbenzene
Concen: 12.056 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

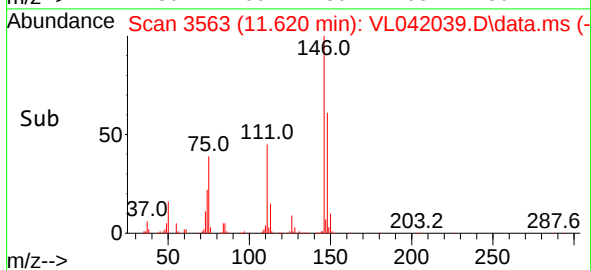
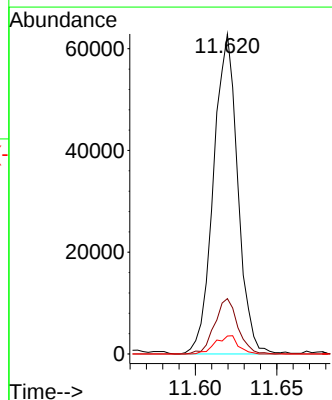
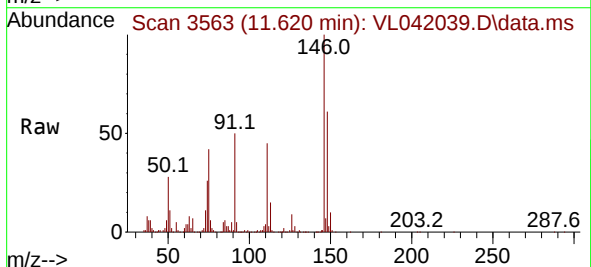
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

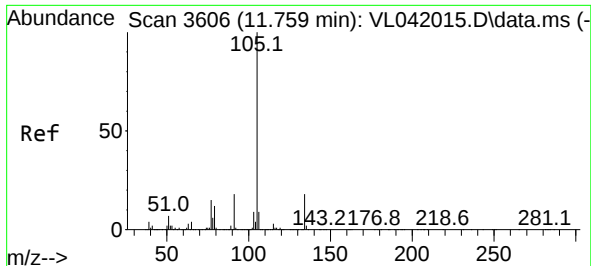
Tgt Ion:119 Resp: 657527
Ion Ratio Lower Upper
119 100
91 86.3 66.5 99.7
134 21.1 16.6 24.8



#66
Benzyl Chloride
Concen: 11.895 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 91 Resp: 65030
Ion Ratio Lower Upper
91 100
126 16.5 13.8 20.6
128 5.4 4.1 6.1





#67

sec-Butylbenzene

Concen: 12.566 ppbv

RT: 11.772 min Scan# 3610

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

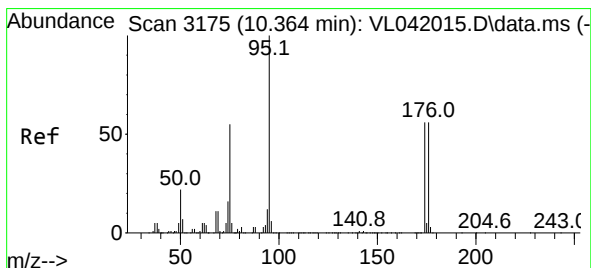
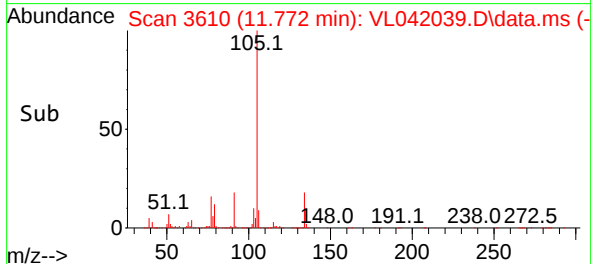
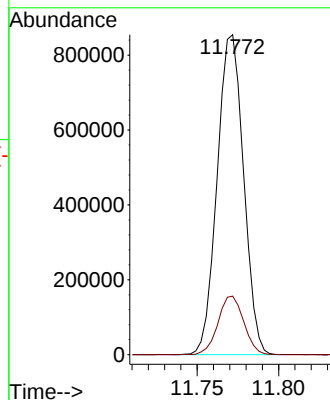
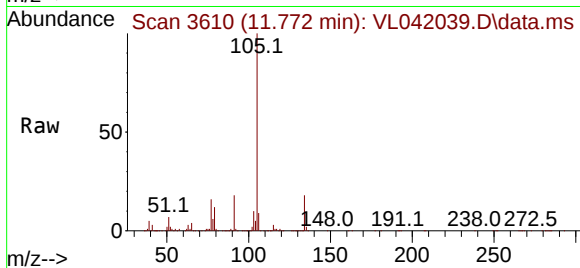
VSTDCCC010EC

Tgt Ion:105 Resp: 962715

Ion Ratio Lower Upper

105 100

134 17.9 14.7 22.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.443 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

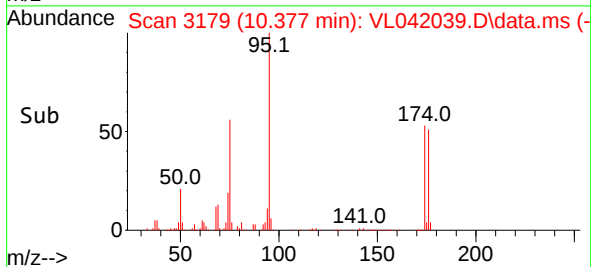
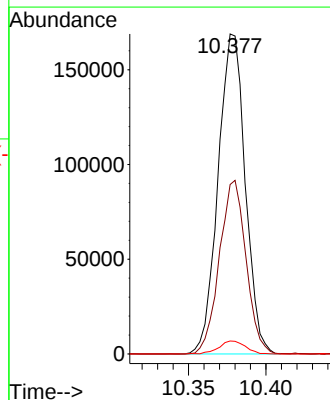
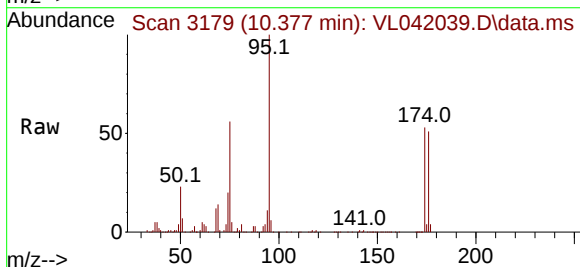
Tgt Ion: 95 Resp: 205896

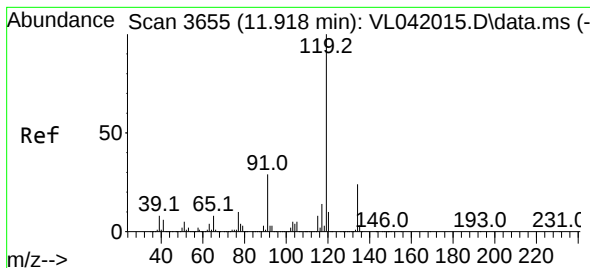
Ion Ratio Lower Upper

95 100

174 53.3 46.7 70.1

175 4.0 3.7 5.5

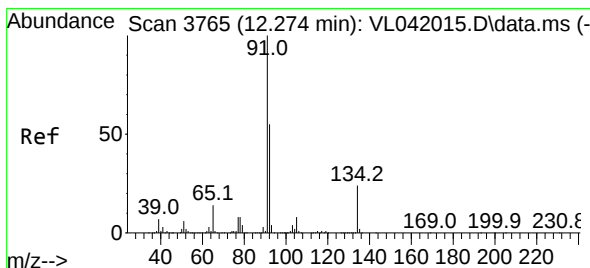
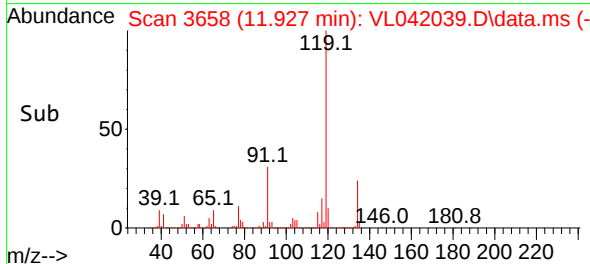
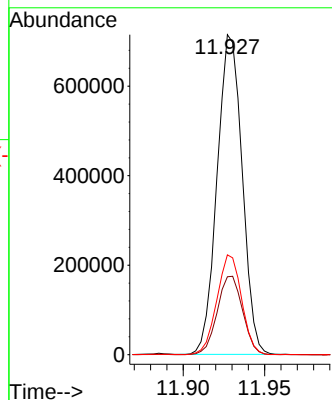
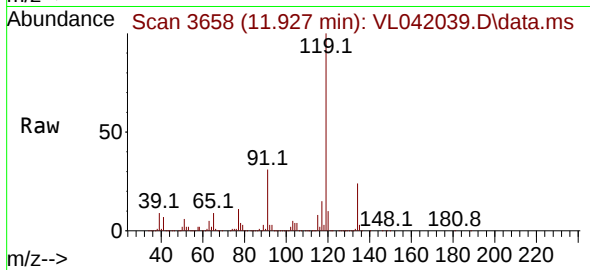




#69
 p-Isopropyltoluene
 Concen: 12.183 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. -0.013 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

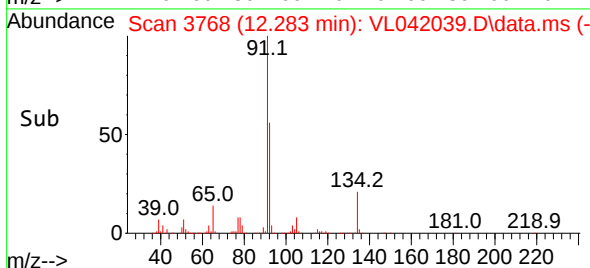
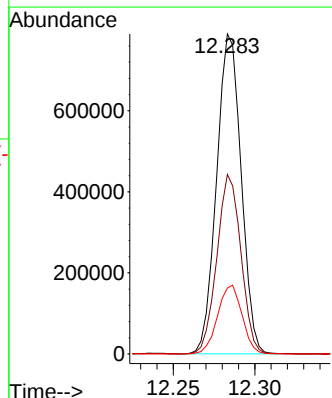
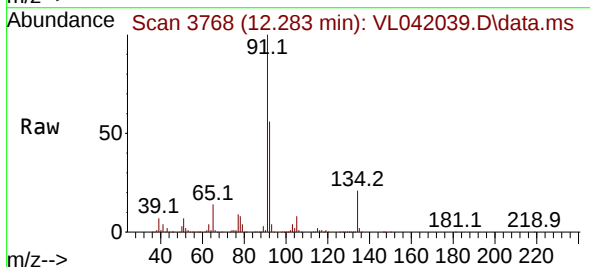
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

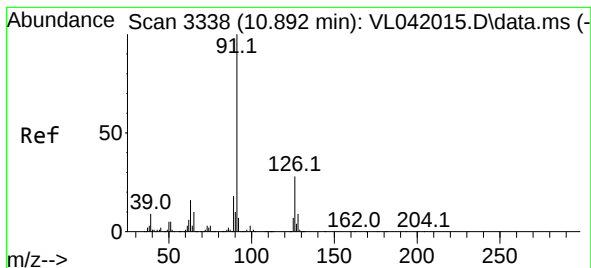
Tgt Ion:119 Resp: 763997
 Ion Ratio Lower Upper
 119 100
 134 24.9 19.4 29.0
 91 30.9 23.4 35.2



#70
 n-Butylbenzene
 Concen: 13.361 ppbv
 RT: 12.283 min Scan# 3768
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion: 91 Resp: 825349
 Ion Ratio Lower Upper
 91 100
 92 55.2 43.8 65.8
 134 21.5 18.6 27.8

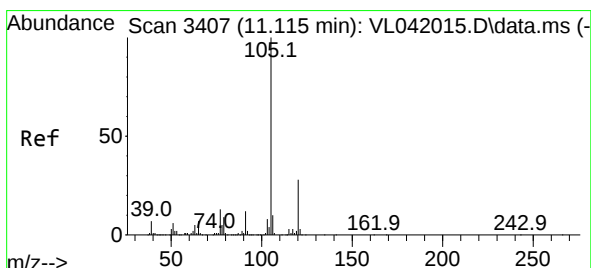
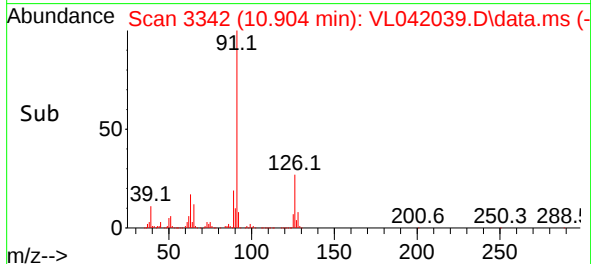
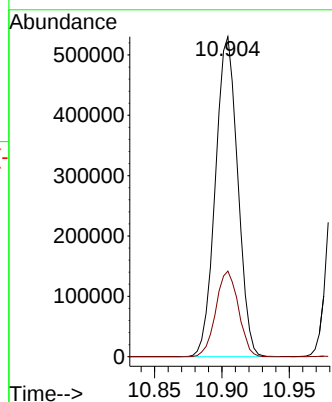
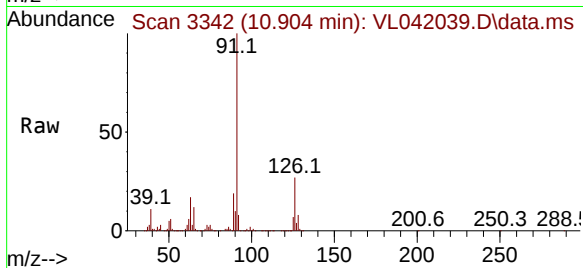




#71
2-Chlorotoluene
Concen: 12.964 ppbv
RT: 10.904 min Scan# 3111
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

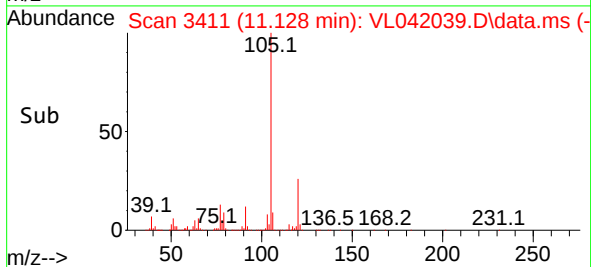
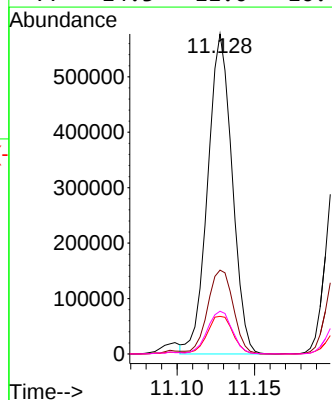
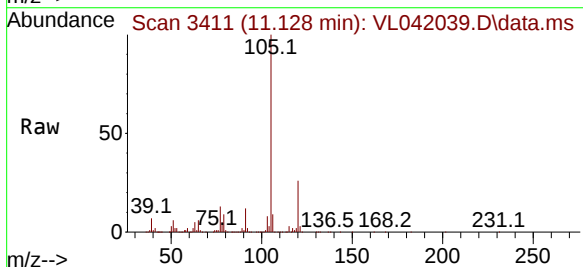
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

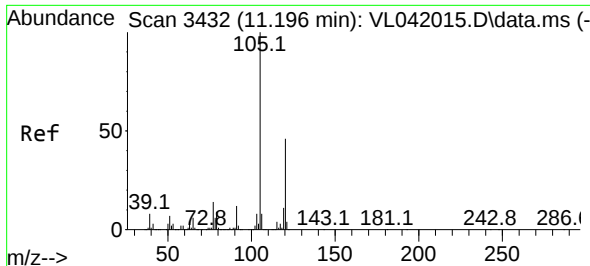
Tgt Ion: 91 Resp: 610815
Ion Ratio Lower Upper
91 100
126 27.0 11.2 45.0



#72
4-Ethyltoluene
Concen: 12.938 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 105 Resp: 631669
Ion Ratio Lower Upper
105 100
120 28.5 22.7 34.1
91 13.1 10.2 15.2
77 14.3 11.0 16.4

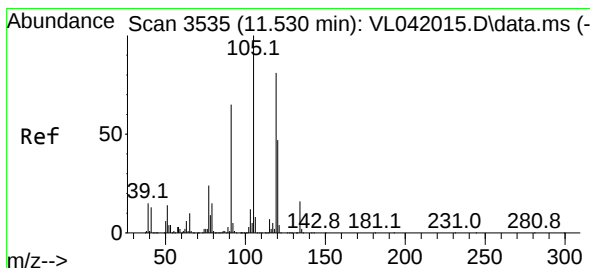
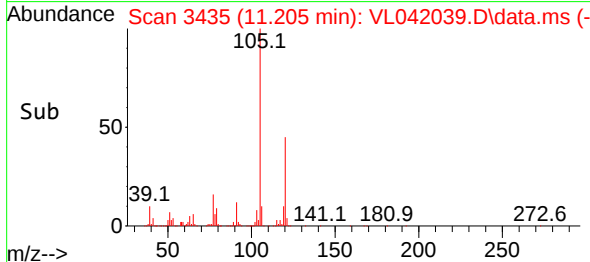
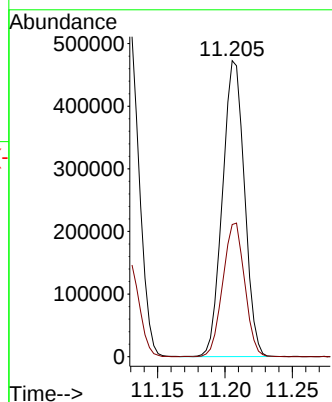
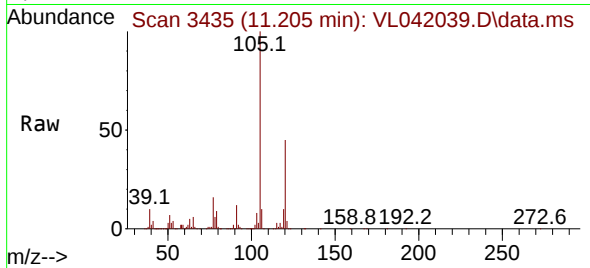




#73
 1,3,5-Trimethylbenzene
 Concen: 12.737 ppbv
 RT: 11.205 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

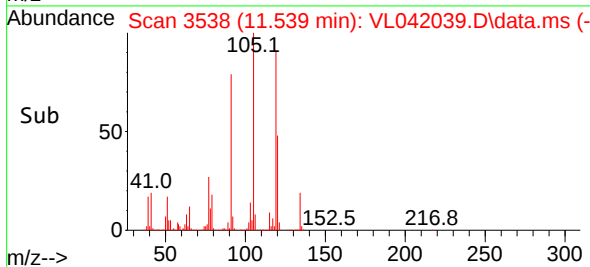
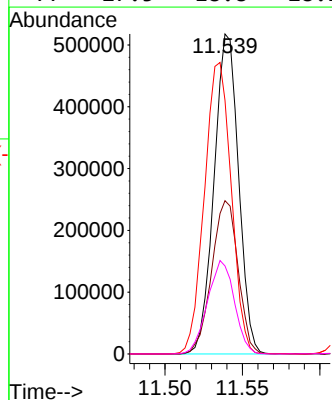
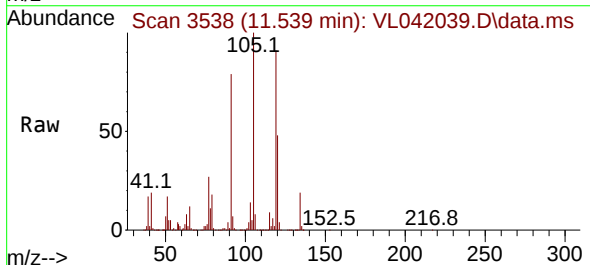
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

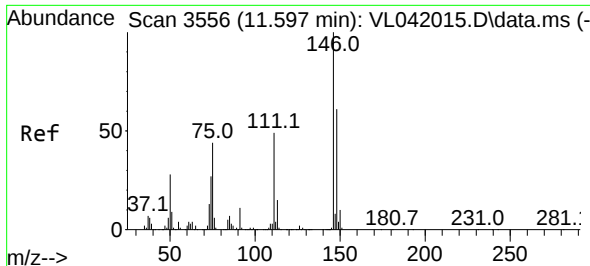
Tgt Ion:105 Resp: 536429
 Ion Ratio Lower Upper
 105 100
 120 44.7 37.1 55.7



#74
 1,2,4-Trimethylbenzene
 Concen: 12.566 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. -0.013 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

Tgt Ion:105 Resp: 567986
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.5 56.3
 91 79.2 51.7 77.5#
 77 27.5 18.8 28.2

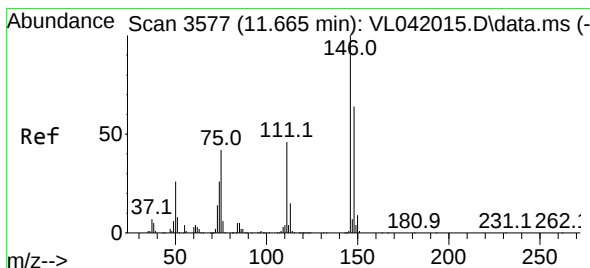
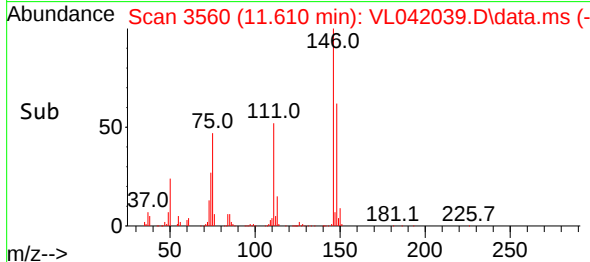
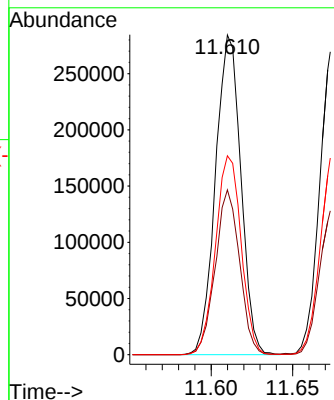
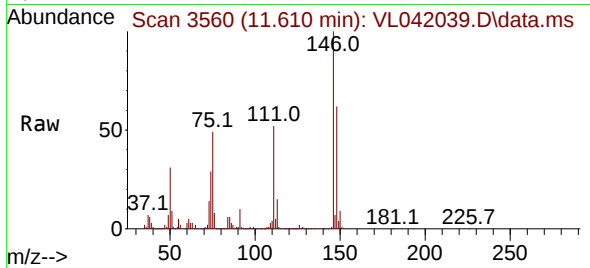




#75
1,3-Dichlorobenzene
Concen: 12.644 ppbv
RT: 11.610 min Scan# 3556
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

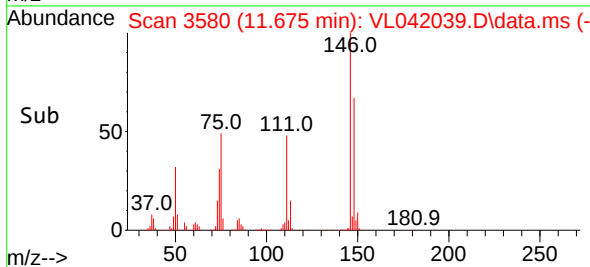
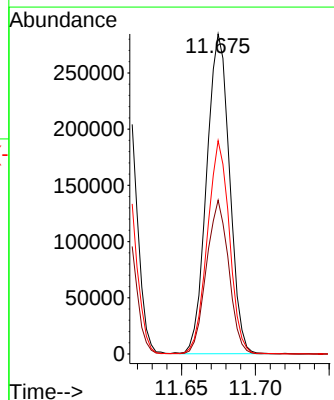
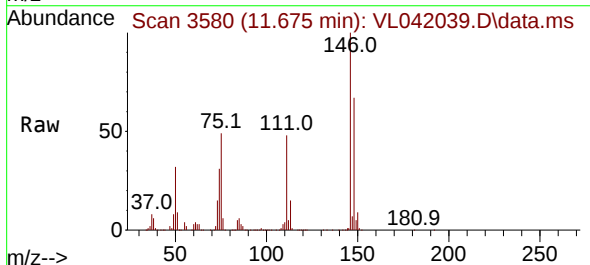
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

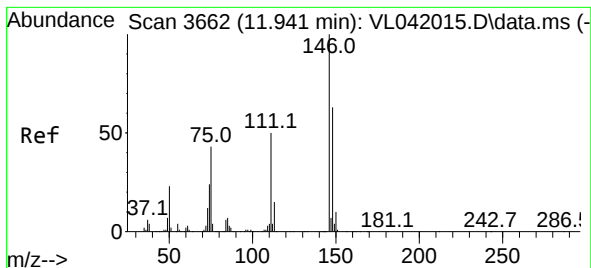
Tgt Ion:146 Resp: 307630
Ion Ratio Lower Upper
146 100
111 49.5 23.9 71.7
148 62.8 31.5 94.5



#76
1,4-Dichlorobenzene
Concen: 12.909 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion:146 Resp: 306295
Ion Ratio Lower Upper
146 100
111 46.9 23.5 70.5
148 64.5 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 12.845 ppbv

RT: 11.950 min Scan# 3

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

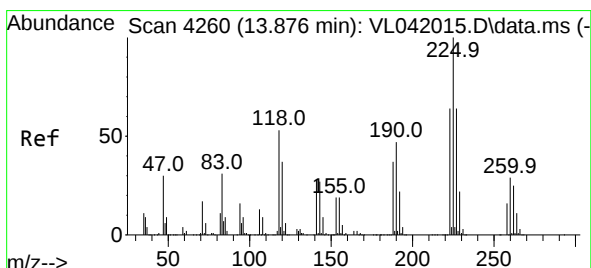
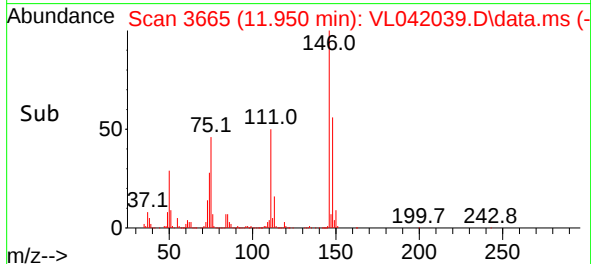
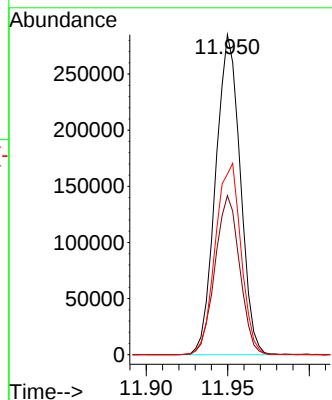
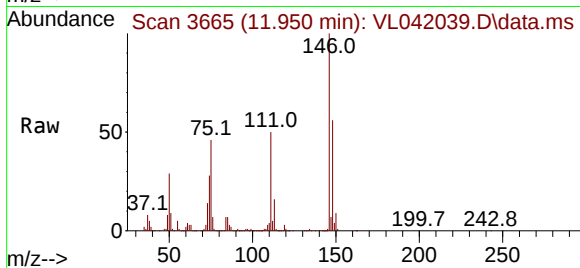
Tgt Ion:146 Resp: 298742

Ion Ratio Lower Upper

146 100

111 50.0 25.6 76.8

148 62.3 31.9 95.7



#78

Hexachloro-1,3-Butadiene

Concen: 10.306 ppbv

RT: 13.885 min Scan# 4263

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

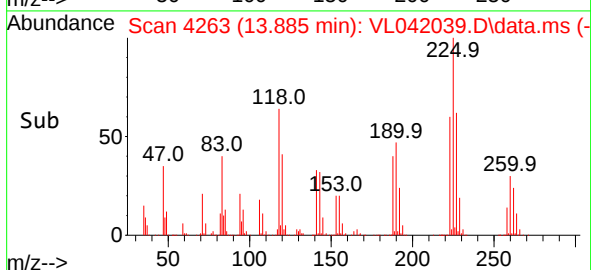
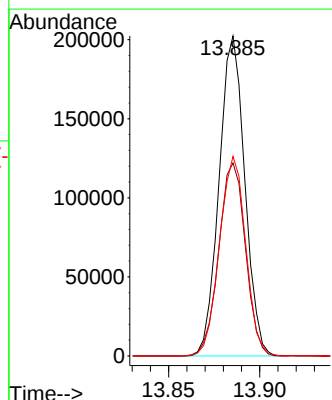
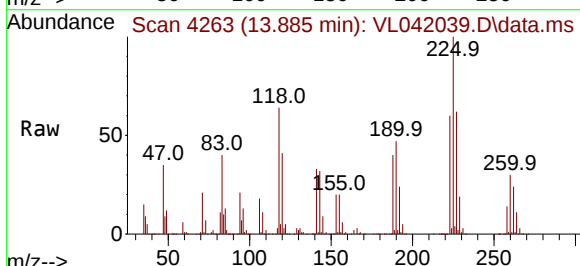
Tgt Ion:225 Resp: 198295

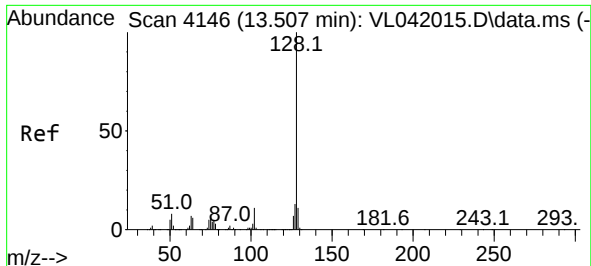
Ion Ratio Lower Upper

225 100

223 62.4 50.6 75.8

227 63.6 50.9 76.3

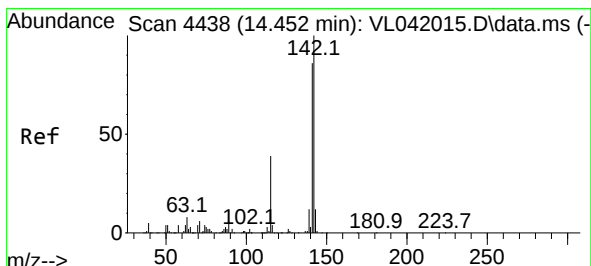
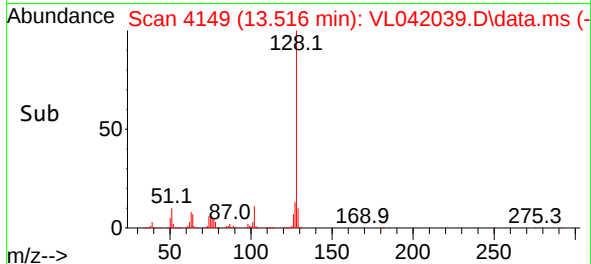
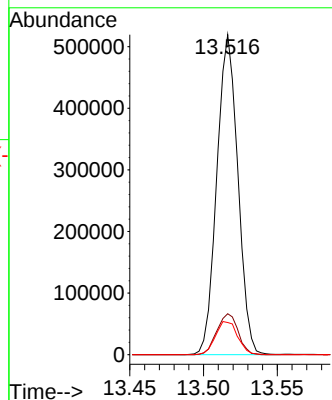
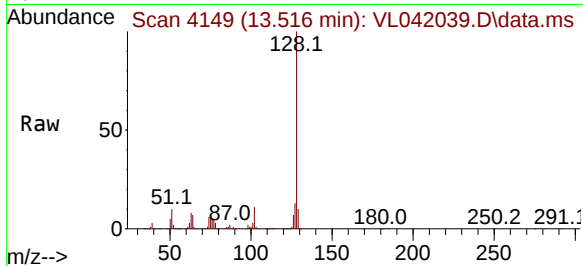




#79
Naphthalene
Concen: 11.601 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

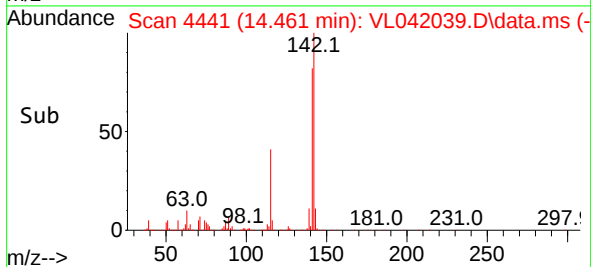
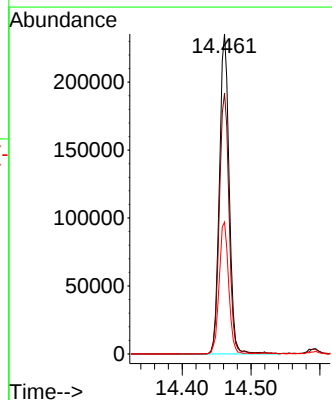
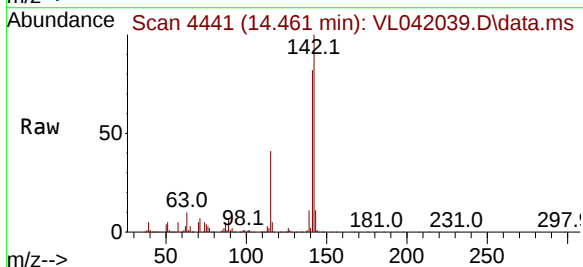
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

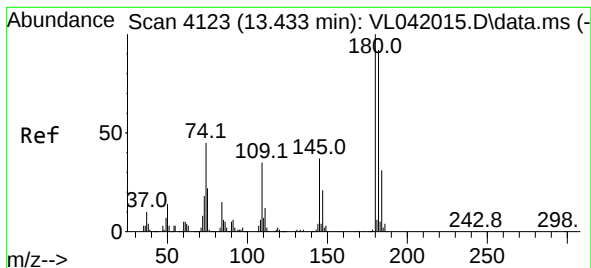
Tgt Ion:128 Resp: 515768
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.1 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 11.464 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion:142 Resp: 230760
Ion Ratio Lower Upper
142 100
141 82.6 68.2 102.2
115 40.5 33.6 50.4





#81

1,2,4-Trichlorobenzene

Concen: 11.896 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL042039.D

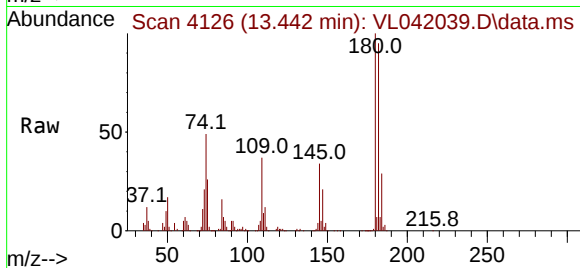
Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 214996

Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

184 29.0 24.2 36.4

