

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040466.D
 Acq On : 15 Jun 2023 13:55
 Operator : SY/MD
 Sample : VL0615ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

Quant Time: Jun 16 05:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1052454	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2592317	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	3142972	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	2130597	8.213	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	2087619	9.114	ppbv	100
3) Chlorodifluoromethane	2.668	51	1586909	9.206	ppbv	99
4) Chloromethane	2.809	50	611165	9.159	ppbv	98
5) Vinyl Chloride	2.915	62	668732	10.042	ppbv	98
6) Bromomethane	3.118	94	336416	9.759	ppbv	97
7) Chloroethane	3.195	64	238148	9.576	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	1672641	9.246	ppbv	98
9) Propene	2.687	41	475616	8.947	ppbv	99
10) Heptane	7.594	43	1246321	10.359	ppbv	100
11) Trichlorofluoromethane	3.562	101	1761563	9.444	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.067	101	1263866	9.700	ppbv	99
13) Ethanol	3.237	45	95565	8.682	ppbv	96
14) Bromoethene	3.366	108	500570	9.185	ppbv	95
15) Acetone	3.465	43	1119451	8.819	ppbv	99
16) 1,3-Butadiene	2.980	39	614762	9.950	ppbv	99
17) tert-Butyl alcohol	3.877	59	1005585	9.636	ppbv	99
18) 1,1-Dichloroethene	3.880	96	562068	9.682	ppbv	99
19) Isopropyl Alcohol	3.575	45	570202	9.319	ppbv	99
20) Methylene Chloride	3.935	84	463638	8.558	ppbv	96
21) Allyl Chloride	3.999	41	697043	9.721	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	587954	9.871	ppbv	93
23) Vinyl Acetate	4.629	43	1229993	9.920	ppbv	98
24) 1,1-Dichloroethane	4.568	63	1190779	9.574	ppbv	99
25) Ethyl Acetate	5.211	43	2185194	9.500	ppbv	100
26) Hexane	5.218	57	981253	9.009	ppbv	99
27) Carbon Disulfide	4.124	76	1426807	10.474	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	837055	9.982	ppbv	99
29) Chloroform	5.282	83	1765971	9.518	ppbv	99
30) Cyclohexane	6.613	84	831449	9.473	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	1033314	9.916	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1763622	9.630	ppbv	99
34) 2-Butanone	4.790	43	1258457	10.067	ppbv	99
35) Carbon Tetrachloride	6.504	117	1826504	10.339	ppbv	95
36) Benzene	6.382	78	2065268	10.016	ppbv	100
37) 1,2-Dichloroethane	5.816	62	1337845	9.959	ppbv	99
38) Trichloroethene	7.308	130	848035	10.855	ppbv	100
39) 1,2-Dichloropropane	7.086	63	790734	9.948	ppbv	98
40) 1,4-Dioxane	7.298	88	202758	9.005	ppbv	# 100
41) Tetrahydrofuran	5.562	42	702071	10.275	ppbv	99
42) Bromodichloromethane	7.263	83	1886118	10.196	ppbv	99
43) Methyl Methacrylate	7.488	69	822898	11.109	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	3415802	10.136	ppbv	100
45) t-1,3-Dichloropropene	8.726	75	643774	11.770	ppbv	99

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

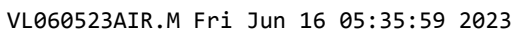
Instrument :
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 ClientSampleId :
 VL0615ABS01

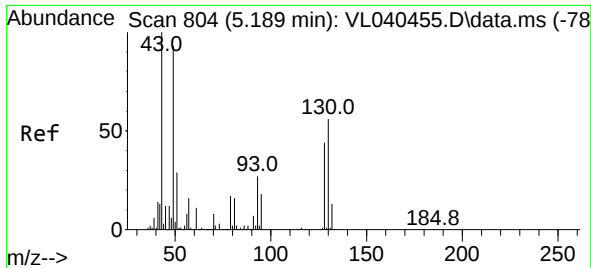
Quant Time: Jun 16 05:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	773372	11.599	ppbv	98
47) 1,1,2-Trichloroethane	8.915	97	872857	9.991	ppbv	96
48) Dibromochloromethane	9.729	129	1510323	10.814	ppbv	100
49) Bromoform	12.426	173	1160423	10.981	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1798692	10.743	ppbv	100
51) 2-Hexanone	9.565	43	1286931	11.072	ppbv	100
52) Tetrachloroethene	10.632	164	724715	11.194	ppbv	97
53) Toluene	9.237	91	2382505	10.970	ppbv	99
54) 1,2-Dibromoethane	10.025	107	1280033	11.177	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.526	131	1140807	7.723	ppbv	99
57) Chlorobenzene	11.545	112	1866231	7.856	ppbv	99
58) Ethyl Benzene	12.108	91	3306488	8.683	ppbv	98
59) m/p-Xylene	12.388	91	3323684	9.497	ppbv #	49
60) o-Xylene	13.079	91	2825262	8.511	ppbv	100
61) Styrene	12.915	104	1402539	9.818	ppbv	100
62) Isopropylbenzene	14.050	105	4095621	8.300	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1744814	8.118	ppbv	99
64) n-propylbenzene	14.937	120	1052706	8.403	ppbv	98
65) tert-Butylbenzene	16.114	119	3562617	8.415	ppbv	100
66) Benzyl Chloride	16.349	91	279518	8.568	ppbv	98
67) sec-Butylbenzene	16.658	105	5151555	8.345	ppbv	100
69) p-Isopropyltoluene	17.015	119	4214697	8.591	ppbv	100
70) n-Butylbenzene	17.905	91	4642123	8.477	ppbv	100
71) 2-Chlorotoluene	14.822	91	3185699	8.694	ppbv	100
72) 4-Ethyltoluene	15.214	105	3329319	8.905	ppbv	100
73) 1,3,5-Trimethylbenzene	15.372	105	2875274	8.701	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	3236689	8.326	ppbv	95
75) 1,3-Dichlorobenzene	16.352	146	1816976	8.332	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1770263	8.348	ppbv	99
77) 1,2-Dichlorobenzene	17.162	146	1687876	8.193	ppbv	99
78) Hexachloro-1,3-Butadiene	22.657	225	1206297	7.592	ppbv	99
79) Naphthalene	21.407	128	2364093	10.558	ppbv	98
80) Naphthalene,2-methyl-	24.390	142	686459	10.217	ppbv	99
81) 1,2,4-Trichlorobenzene	21.162	180	1365679	9.846	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
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QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

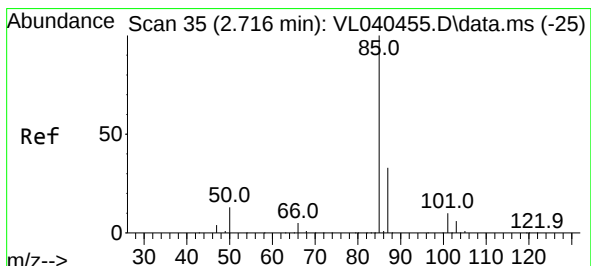
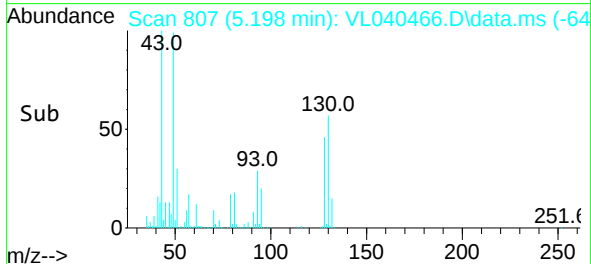
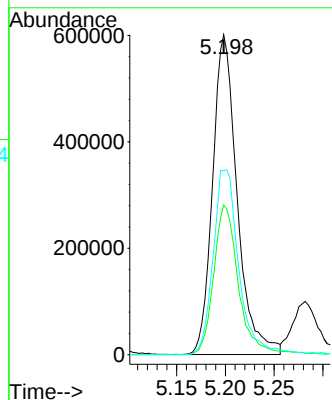
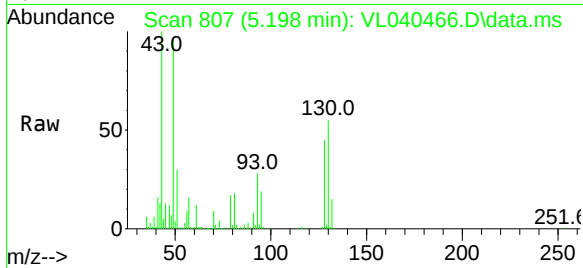




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. 0.009 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

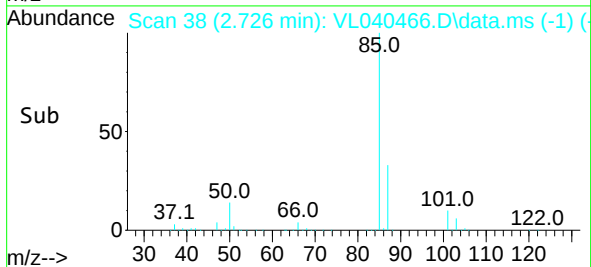
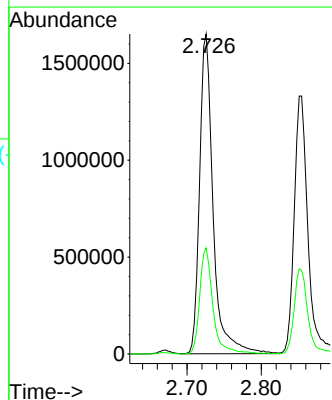
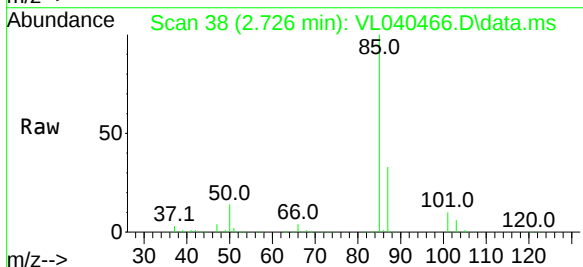
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

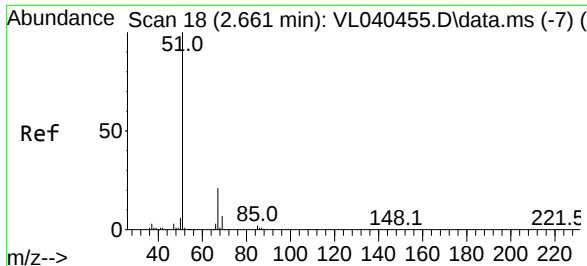
Tgt Ion: 49 Resp: 1052454
 Ion Ratio Lower Upper
 49 100
 128 47.8 24.7 74.1
 130 61.3 31.4 94.2



#2
 Dichlorodifluoromethane
 Concen: 9.114 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 85 Resp: 2087619
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8

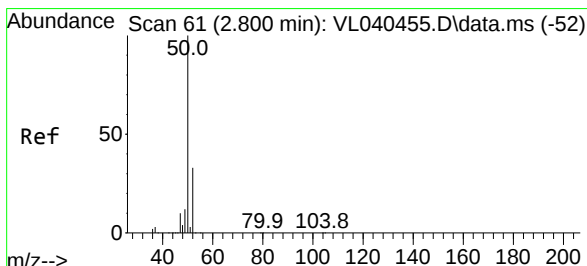
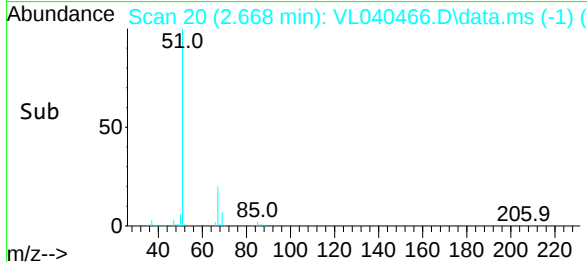
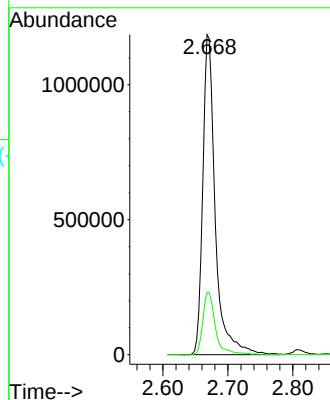
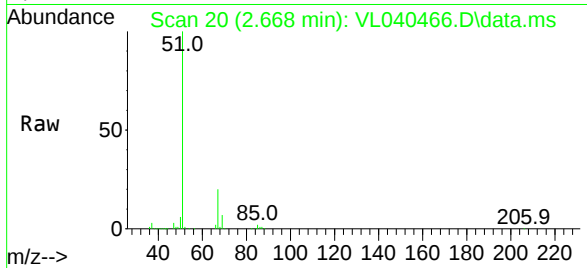




#3
Chlorodifluoromethane
Concen: 9.206 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

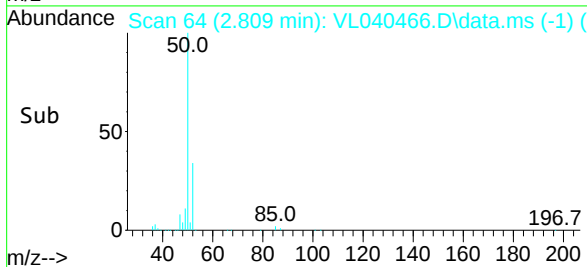
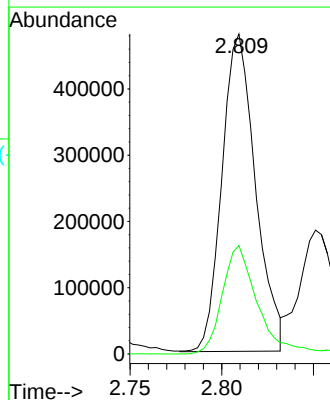
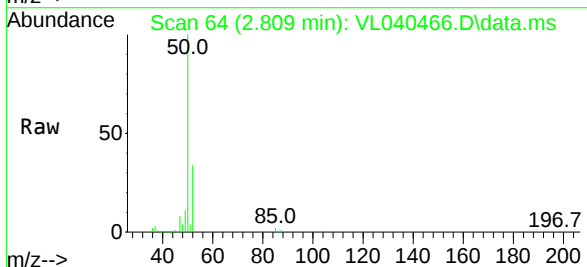
Instrument :
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ClientSampleId :
VL0615ABS01

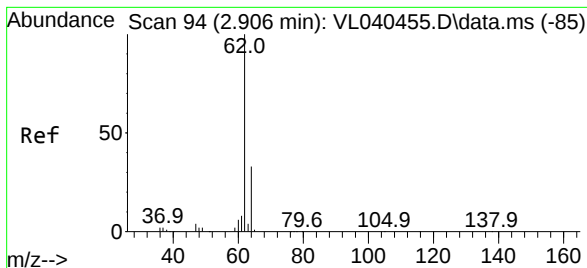
Tgt Ion: 51 Resp: 1586909
Ion Ratio Lower Upper
51 100
67 19.8 16.3 24.5



#4
Chloromethane
Concen: 9.159 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 50 Resp: 611165
Ion Ratio Lower Upper
50 100
52 34.2 26.3 39.5

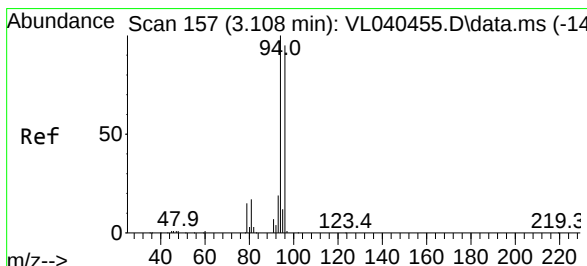
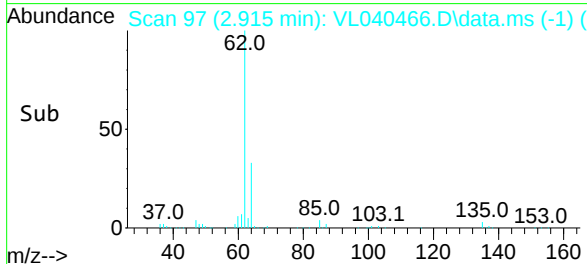
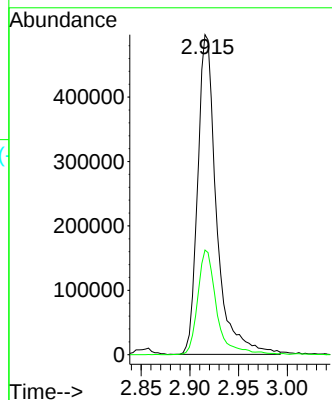
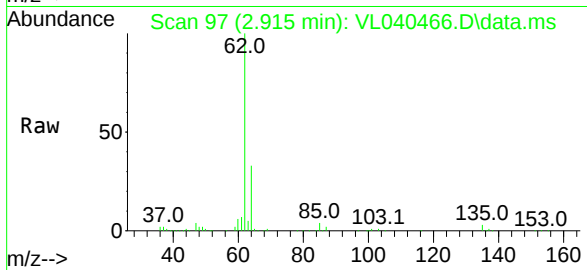




#5
 Vinyl Chloride
 Concen: 10.042 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

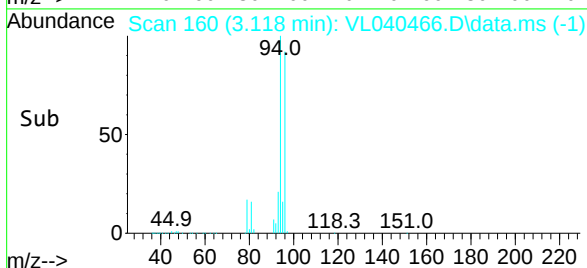
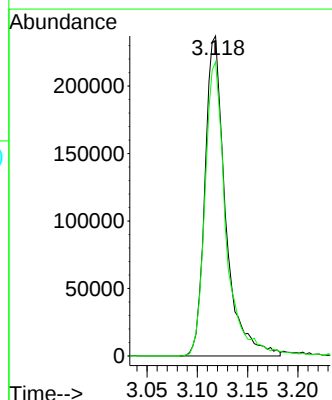
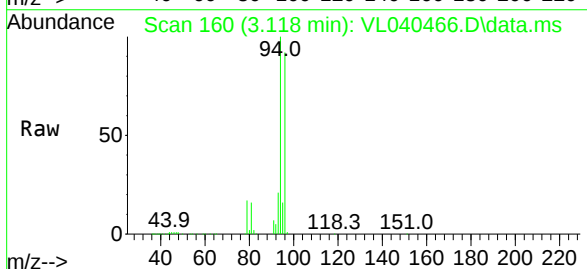
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 ClientSampleId :
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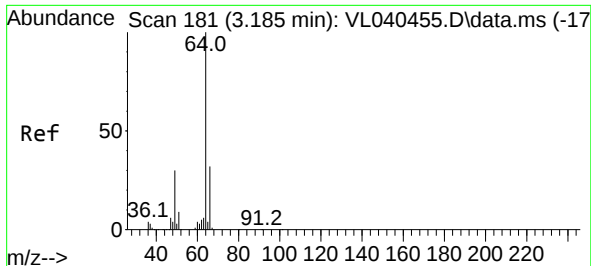
Tgt Ion: 62 Resp: 668732
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.8 40.2



#6
 Bromomethane
 Concen: 9.759 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 94 Resp: 336416
 Ion Ratio Lower Upper
 94 100
 96 91.9 75.8 113.8

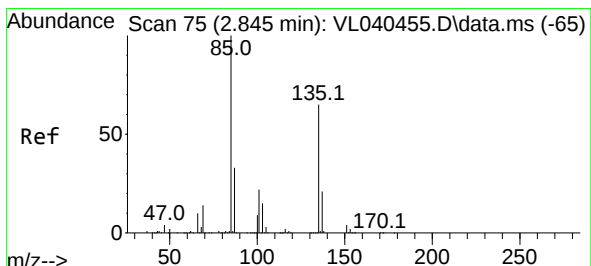
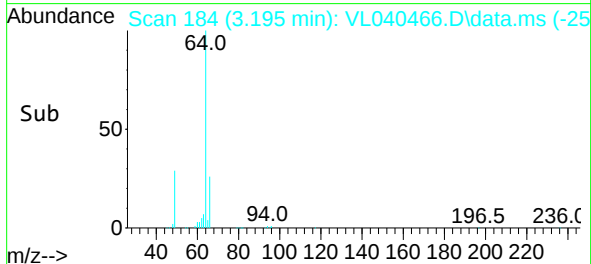
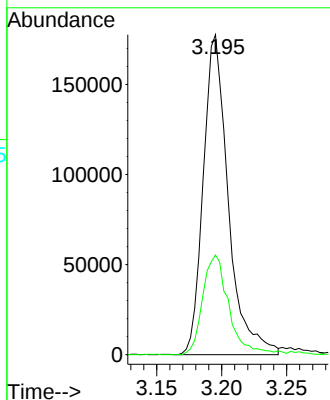
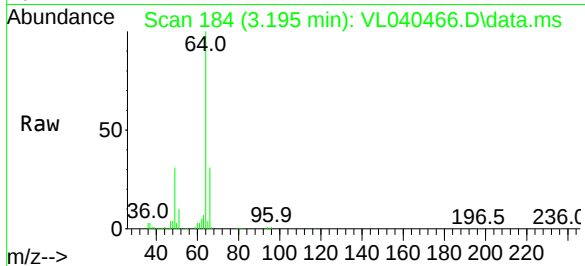




#7
Chloroethane
Concen: 9.576 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

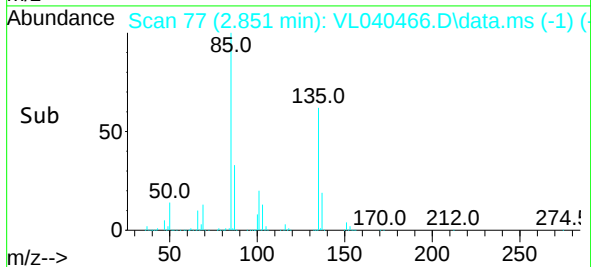
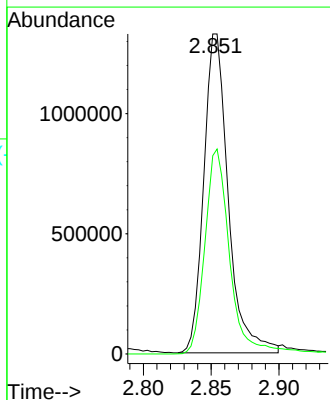
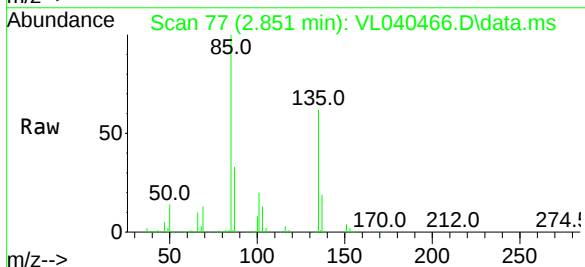
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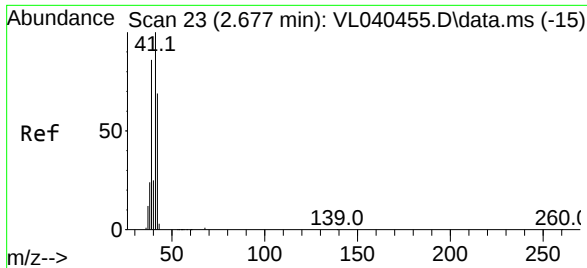
Tgt Ion: 64 Resp: 238148
Ion Ratio Lower Upper
64 100
66 31.2 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.246 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 85 Resp: 1672641
Ion Ratio Lower Upper
85 100
135 66.2 52.0 78.0

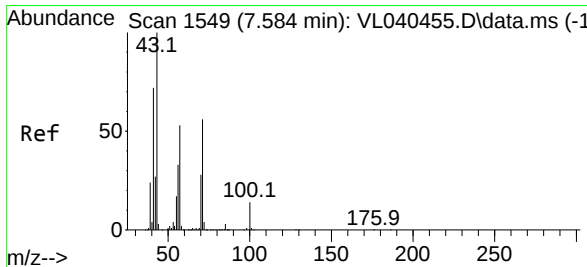
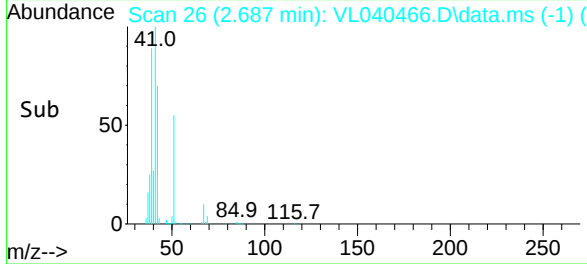
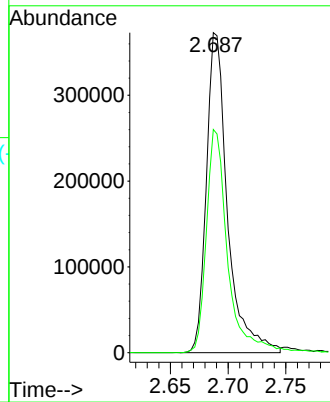
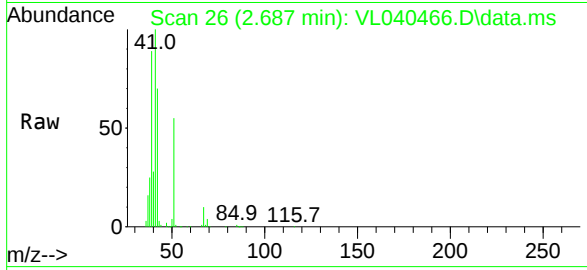




#9
Propene
Concen: 8.947 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

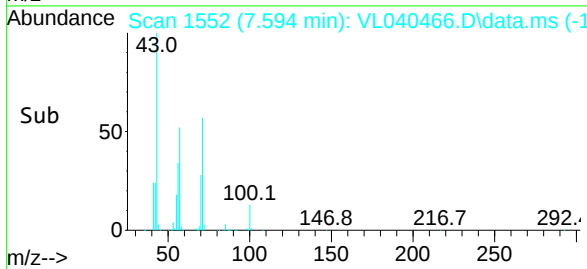
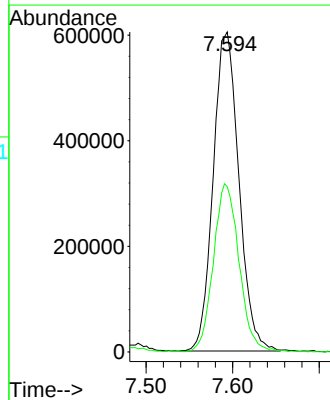
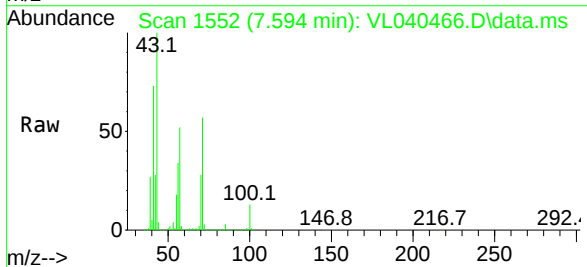
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

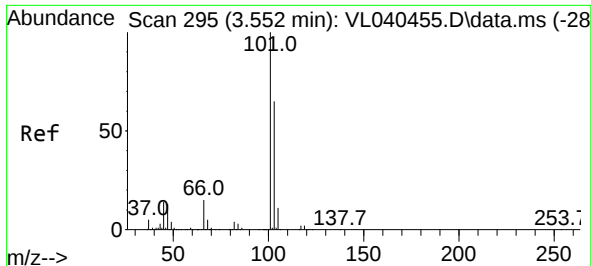
Tgt Ion: 41 Resp: 475616
Ion Ratio Lower Upper
41 100
42 70.7 56.2 84.2



#10
Heptane
Concen: 10.359 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 43 Resp: 1246321
Ion Ratio Lower Upper
43 100
57 53.1 42.5 63.7

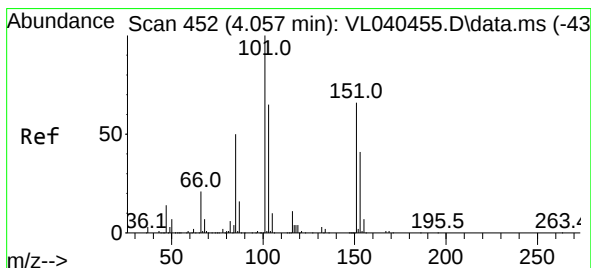
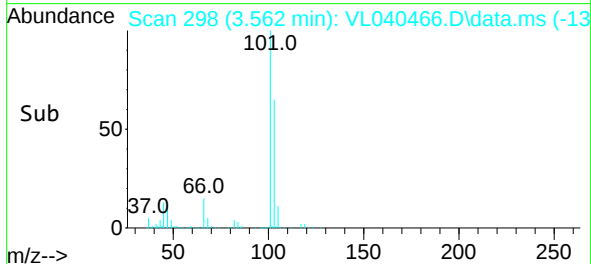
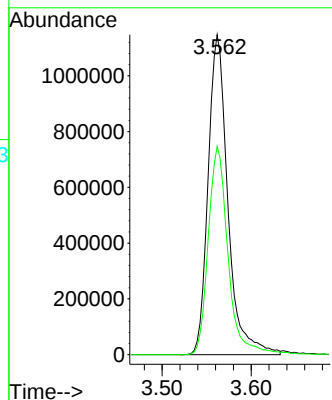
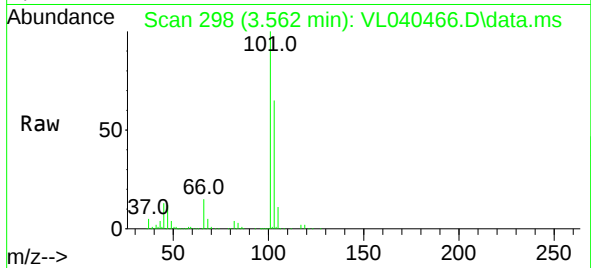




#11
 Trichlorofluoromethane
 Concen: 9.444 ppbv
 RT: 3.562 min Scan# 295
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

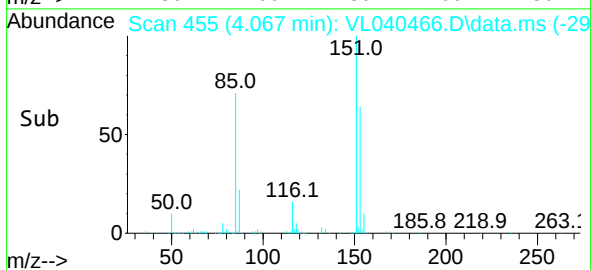
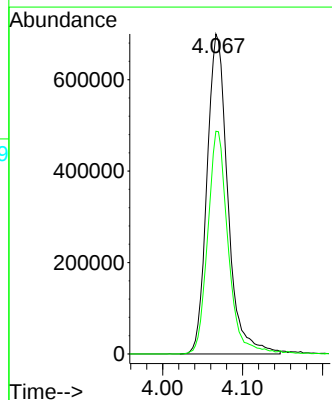
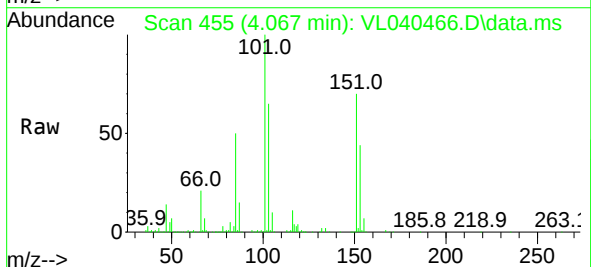
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

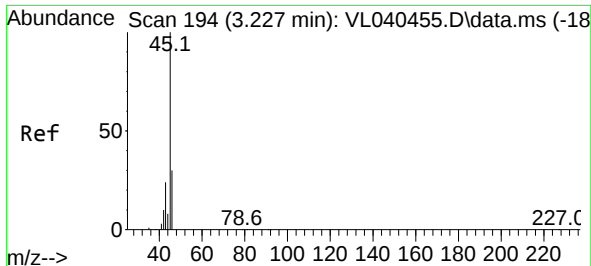
Tgt Ion:101 Resp: 1761563
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.700 ppbv
 RT: 4.067 min Scan# 455
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion:101 Resp: 1263866
 Ion Ratio Lower Upper
 101 100
 151 68.8 54.3 81.5

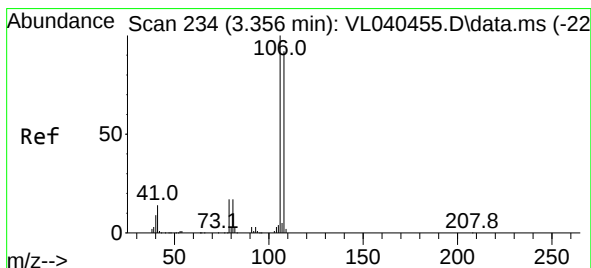
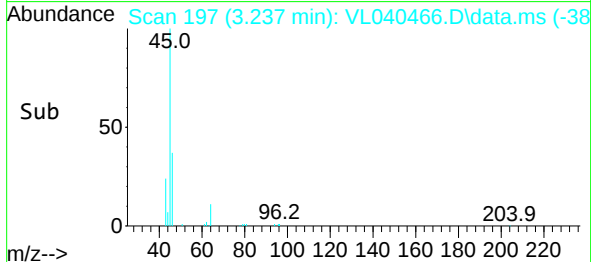
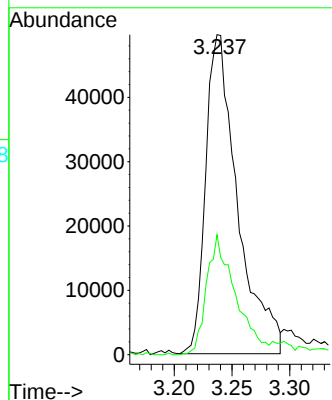
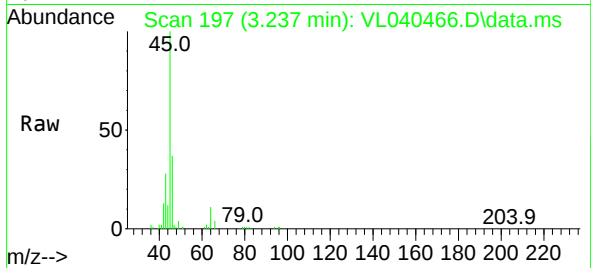




#13
Ethanol
Concen: 8.682 ppbv
RT: 3.237 min Scan# 194
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

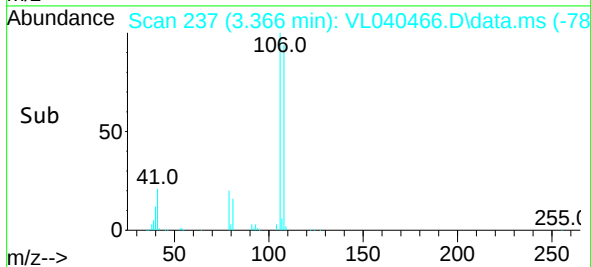
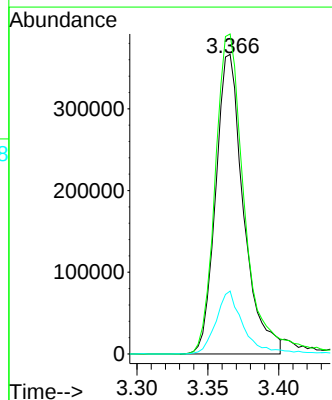
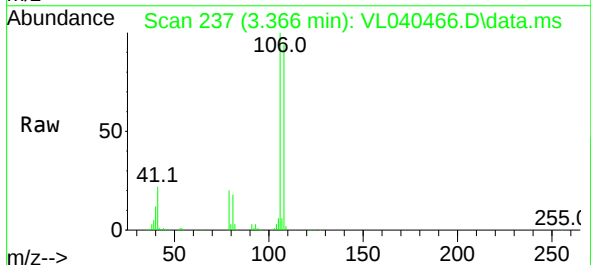
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

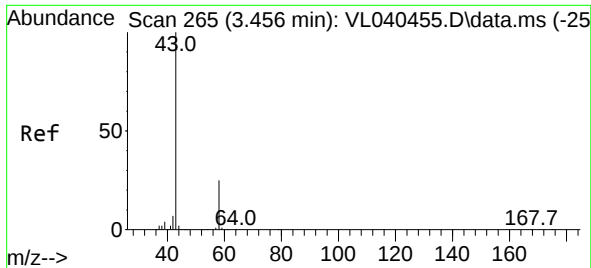
Tgt Ion: 45 Resp: 95565
Ion Ratio Lower Upper
45 100
46 38.5 14.5 58.1



#14
Bromoethene
Concen: 9.185 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 108 Resp: 500570
Ion Ratio Lower Upper
108 100
106 115.2 87.4 131.0
79 21.5 15.9 23.9





#15

Acetone

Concen: 8.819 ppbv

RT: 3.465 min Scan# 2

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

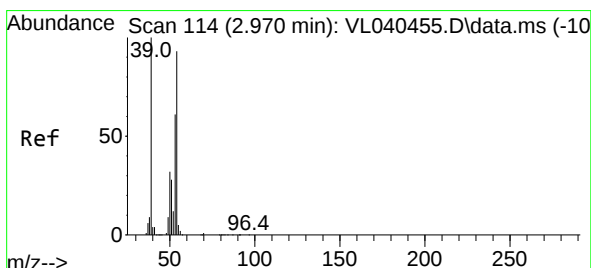
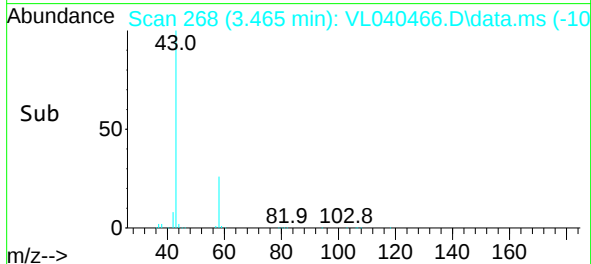
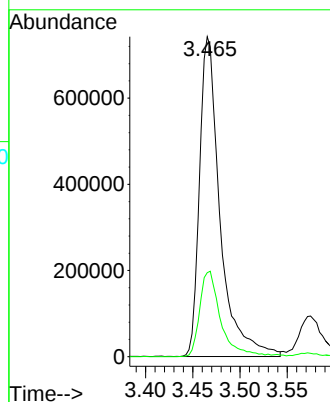
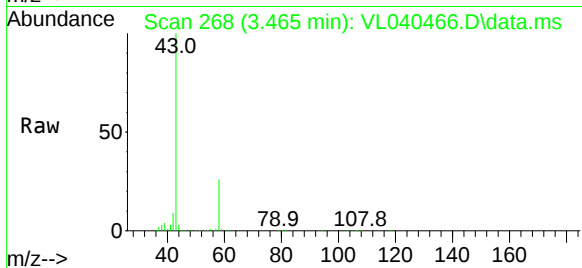
VL0615ABS01

Tgt Ion: 43 Resp: 1119451

Ion Ratio Lower Upper

43 100

58 27.6 21.6 32.4



#16

1,3-Butadiene

Concen: 9.950 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.010 min

Lab File: VL040466.D

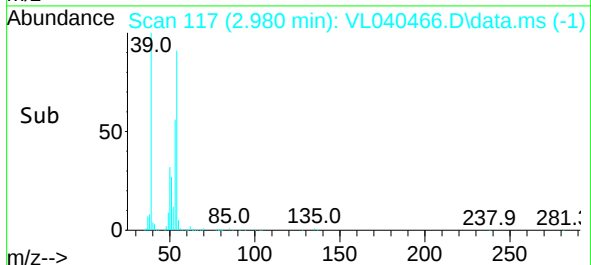
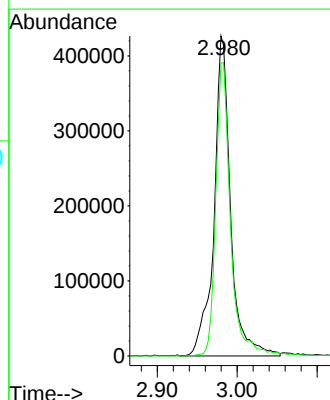
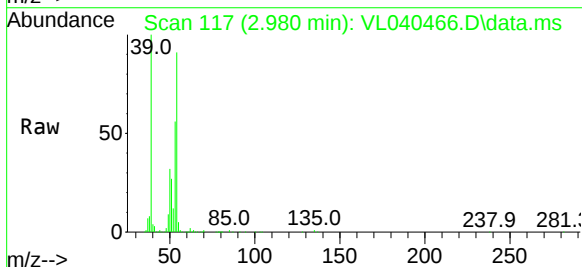
Acq: 15 Jun 2023 13:55

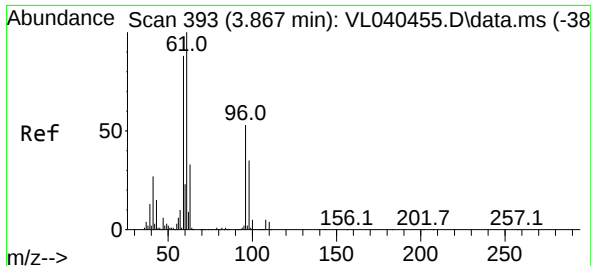
Tgt Ion: 39 Resp: 614762

Ion Ratio Lower Upper

39 100

54 82.6 66.9 100.3

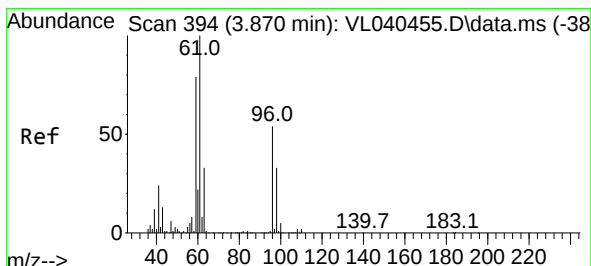
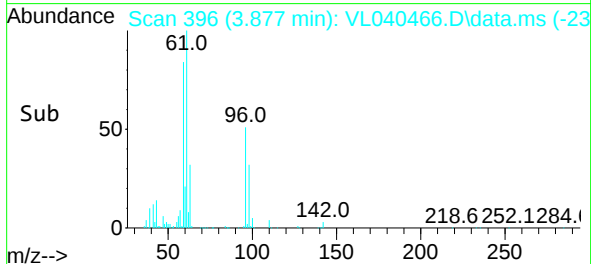
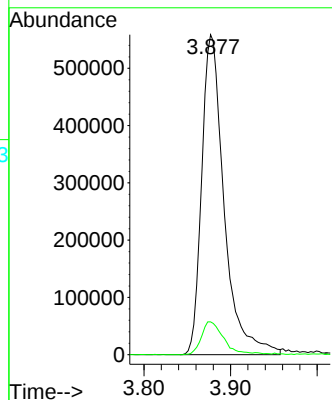
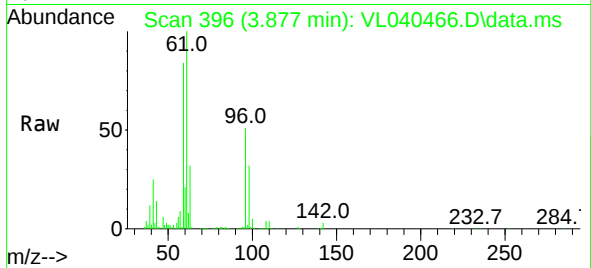




#17
tert-Butyl alcohol
Concen: 9.636 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

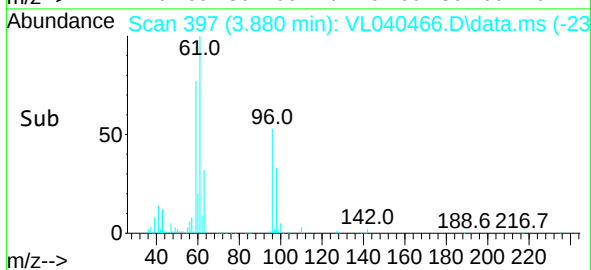
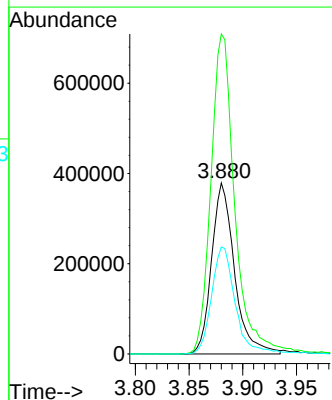
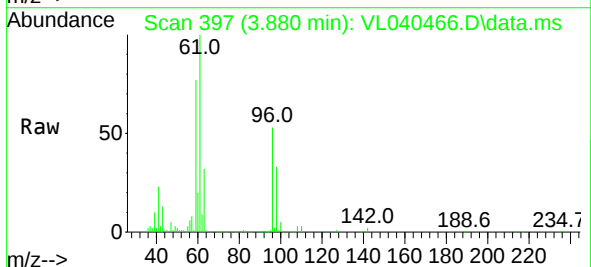
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

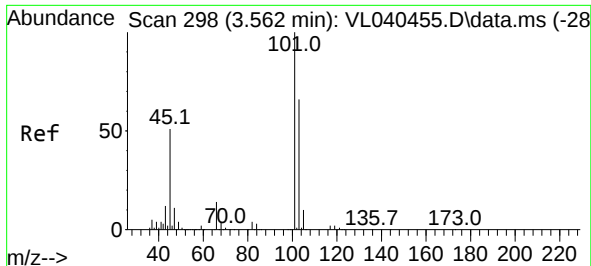
Tgt Ion: 59 Resp: 1005585
Ion Ratio Lower Upper
59 100
57 10.7 8.8 13.2



#18
1,1-Dichloroethene
Concen: 9.682 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 96 Resp: 562068
Ion Ratio Lower Upper
96 100
61 187.0 149.5 224.3
98 62.5 48.7 73.1

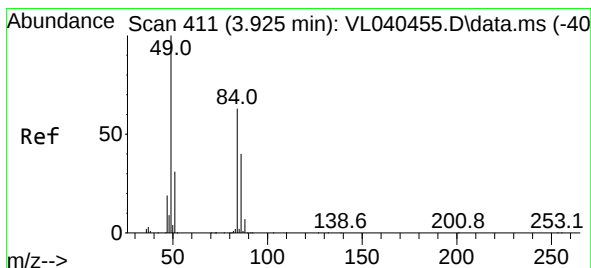
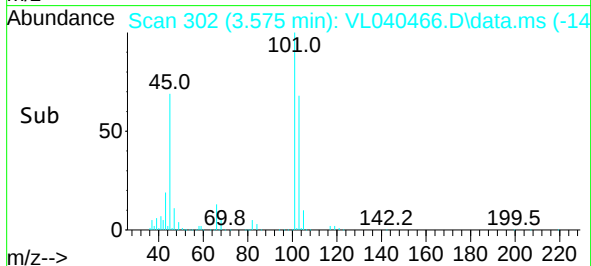
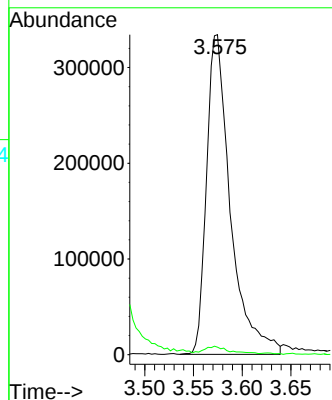
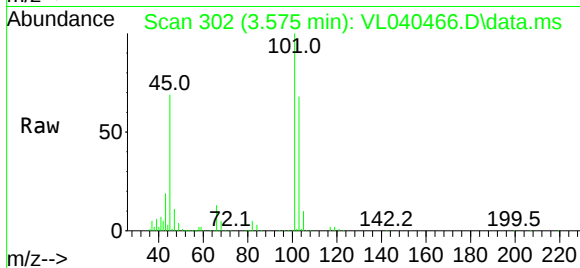




#19
Isopropyl Alcohol
Concen: 9.319 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.013 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

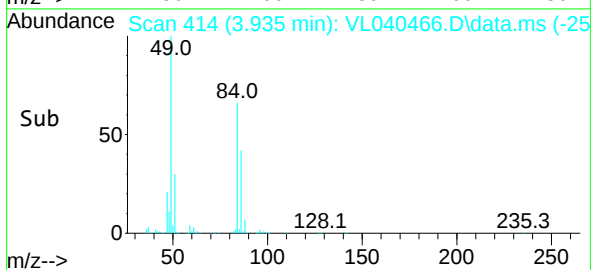
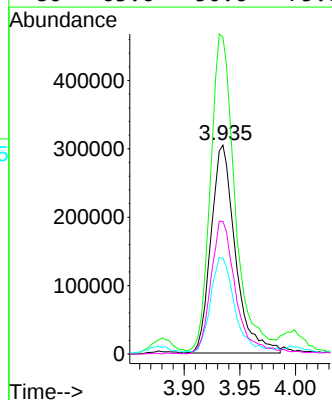
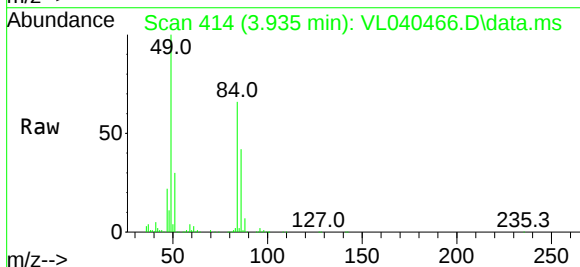
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

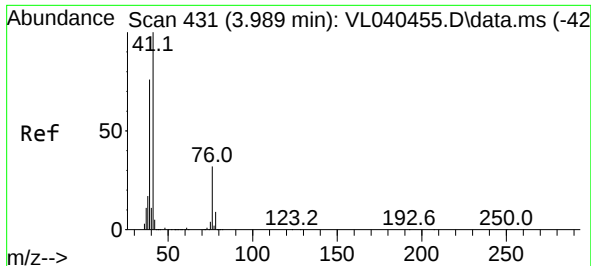
Tgt Ion: 45 Resp: 570202
Ion Ratio Lower Upper
45 100
58 3.0 2.6 4.0



#20
Methylene Chloride
Concen: 8.558 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 84 Resp: 463638
Ion Ratio Lower Upper
84 100
49 150.5 126.2 189.2
51 44.8 38.7 58.1
86 63.6 50.6 75.8

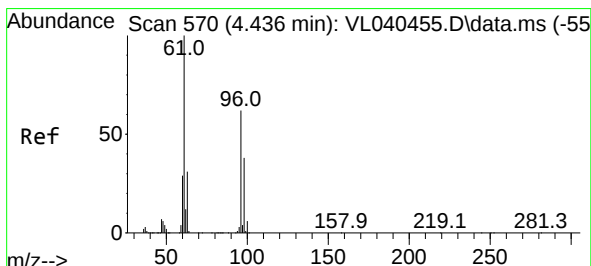
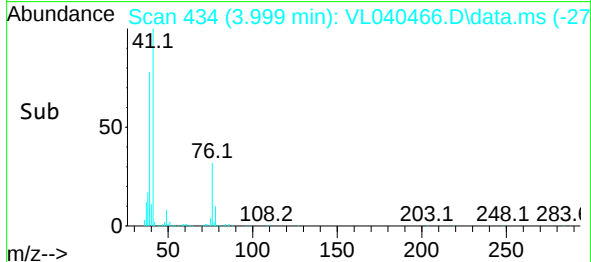
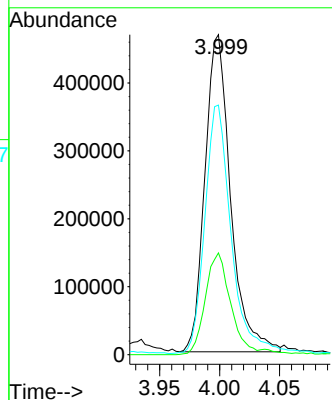
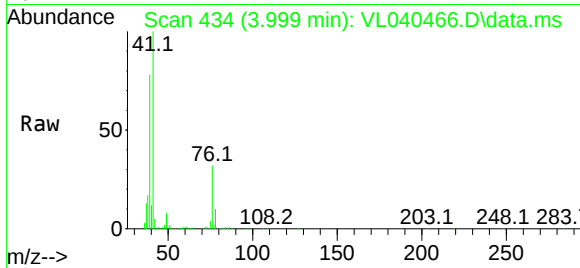




#21
 Allyl Chloride
 Concen: 9.721 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

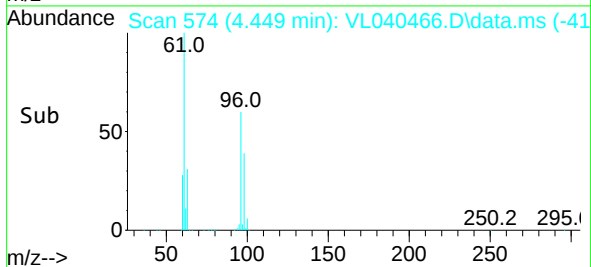
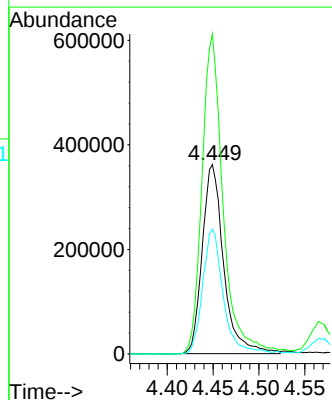
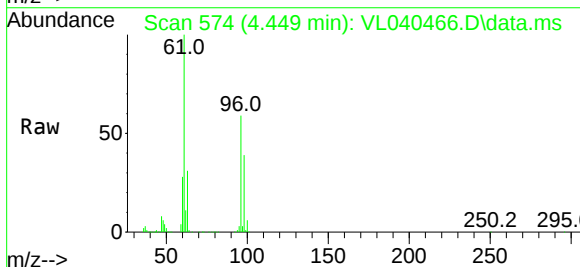
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

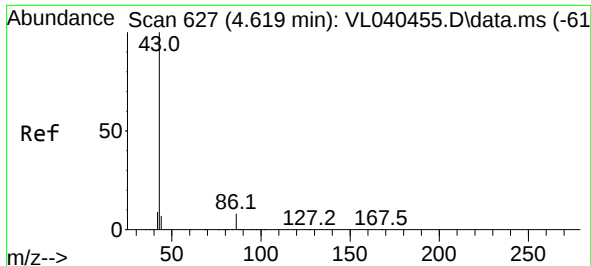
Tgt Ion: 41 Resp: 697043
 Ion Ratio Lower Upper
 41 100
 76 32.8 26.1 39.1
 39 80.9 63.9 95.9



#22
 trans-1,2-Dichloroethene
 Concen: 9.871 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.013 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 96 Resp: 587954
 Ion Ratio Lower Upper
 96 100
 61 169.2 128.1 192.1
 98 66.0 48.2 72.4



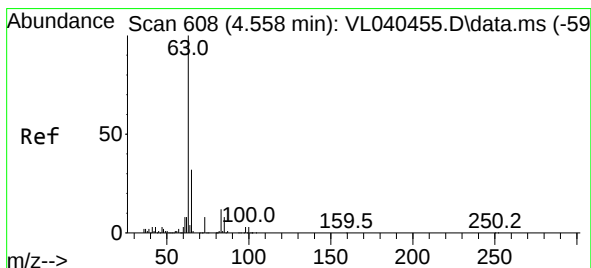
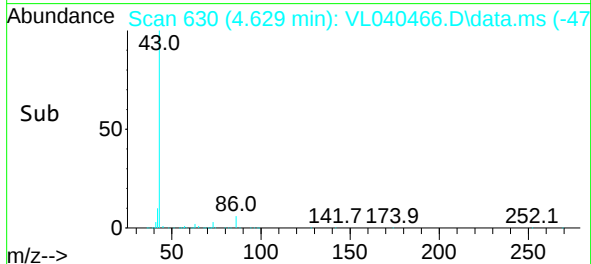
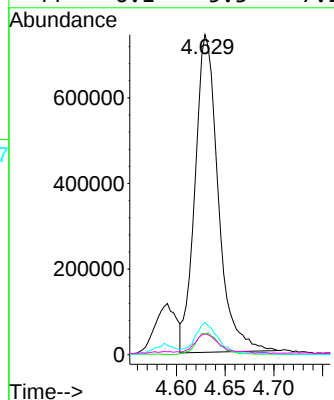
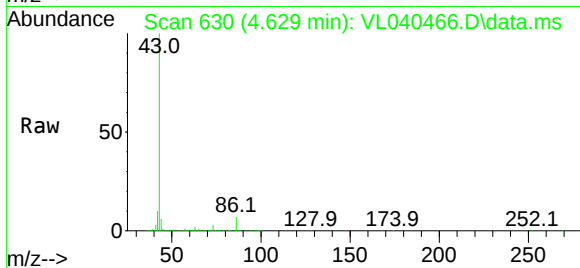


#23
 Vinyl Acetate
 Concen: 9.920 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0615ABS01

Tgt Ion: 43 Resp: 1229993

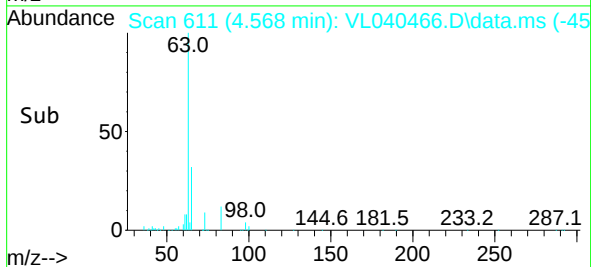
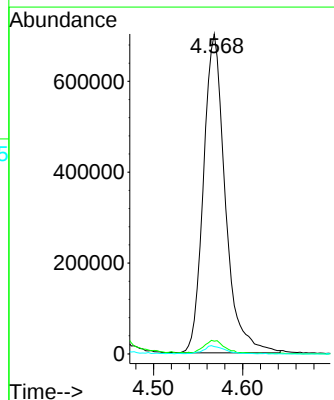
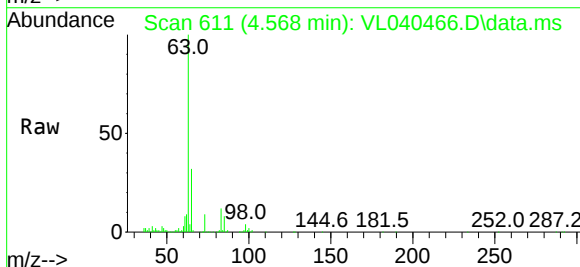
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.8	8.6
42	10.1	7.4	11.2
44	6.1	5.3	7.9

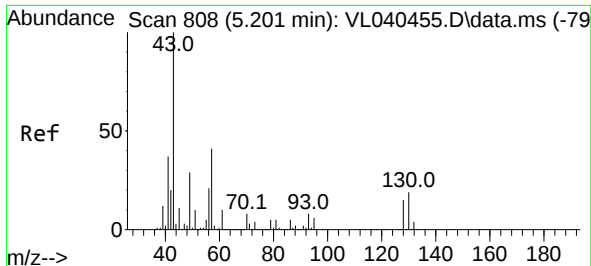


#24
 1,1-Dichloroethane
 Concen: 9.574 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 63 Resp: 1190779

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.5
100	2.3	1.4	4.0



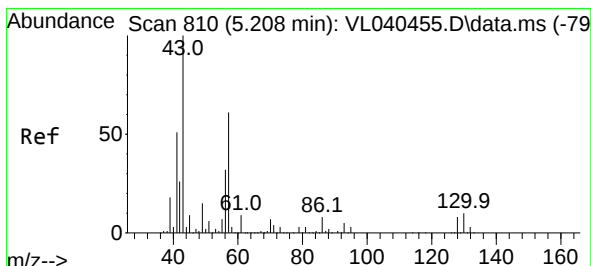
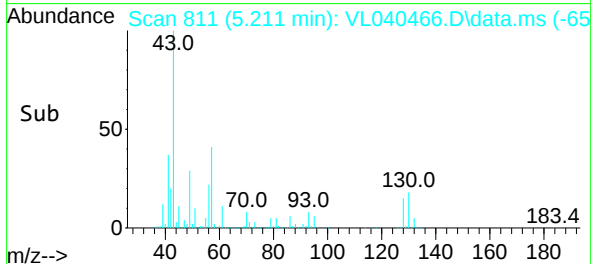
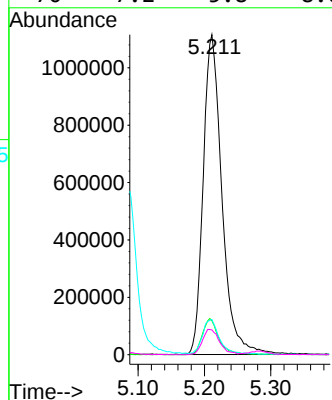
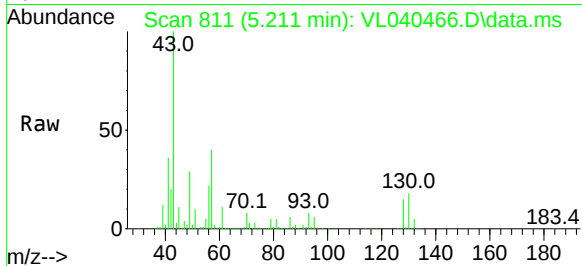


#25
Ethyl Acetate
Concen: 9.500 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 43 Resp: 2185194

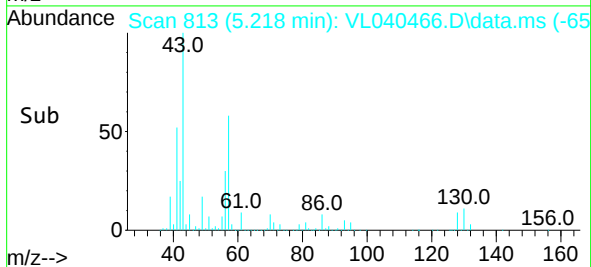
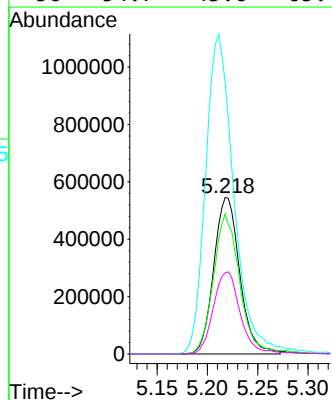
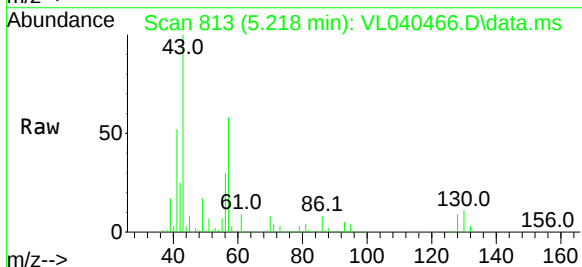
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	10.2	8.1	12.1
70	7.2	5.8	8.6

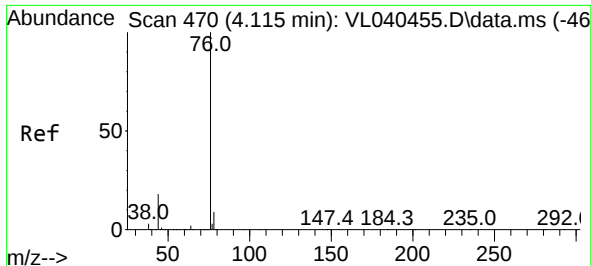


#26
Hexane
Concen: 9.009 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 57 Resp: 981253

Ion	Ratio	Lower	Upper
57	100		
41	91.7	73.0	109.6
43	223.1	177.5	266.3
56	54.7	43.6	65.4

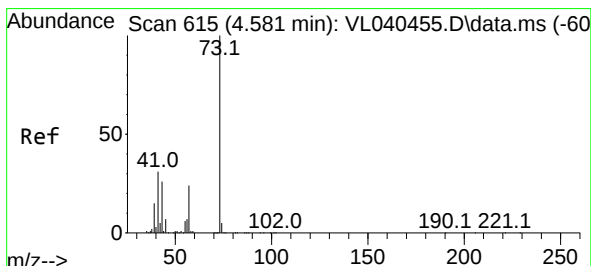
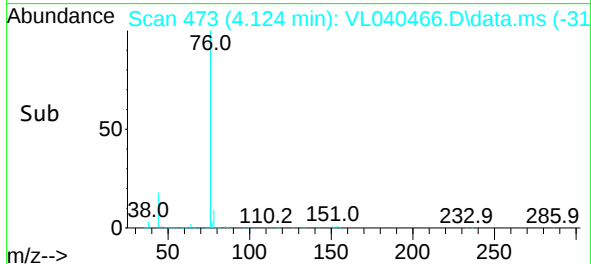
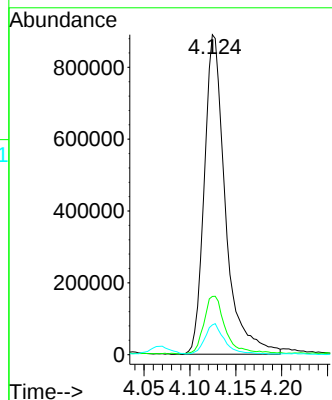
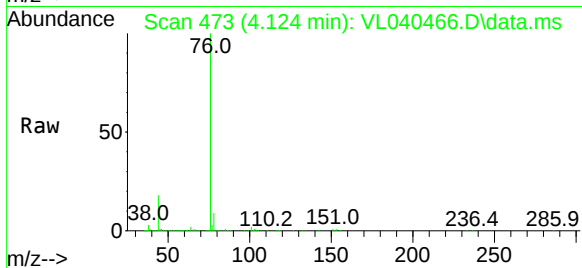




#27
Carbon Disulfide
Concen: 10.474 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

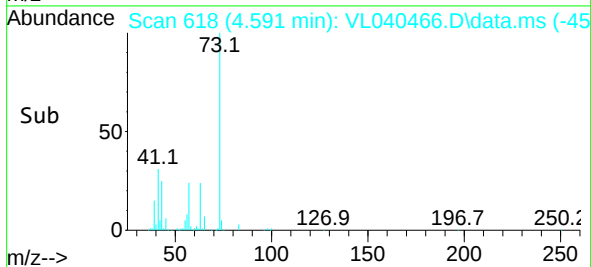
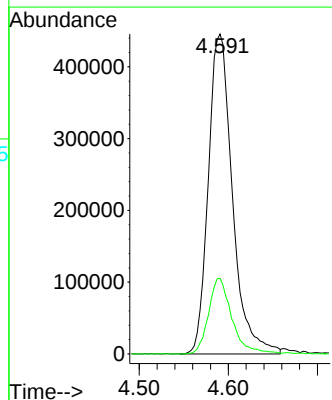
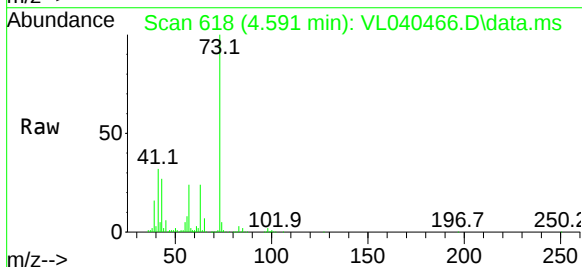
Instrument :
MSVOA_1
ClientSampleId :
VL0615ABS01

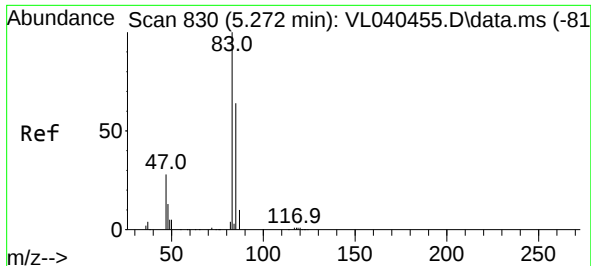
Tgt Ion: 76 Resp: 1426807
Ion Ratio Lower Upper
76 100
44 18.8 14.6 22.0
78 9.5 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.982 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 73 Resp: 837055
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.4





#29

Chloroform

Concen: 9.518 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

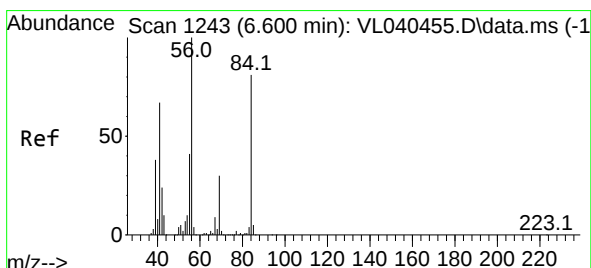
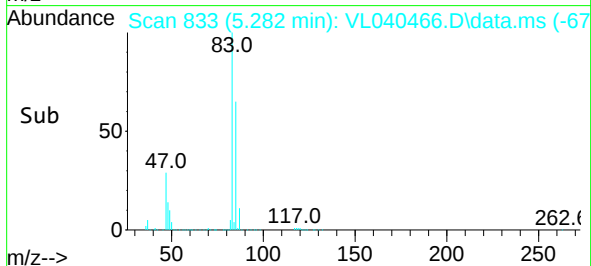
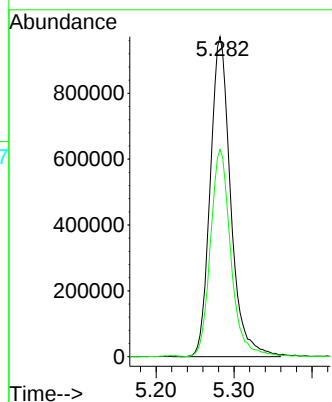
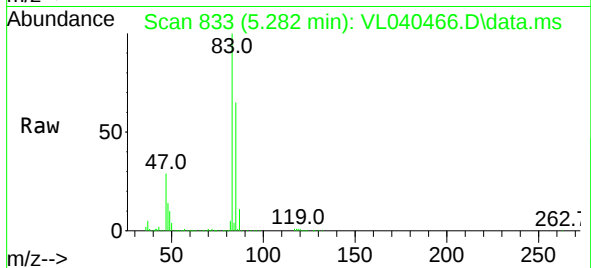
VL0615ABS01

Tgt Ion: 83 Resp: 1765971

Ion Ratio Lower Upper

83 100

85 64.6 51.1 76.7



#30

Cyclohexane

Concen: 9.473 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

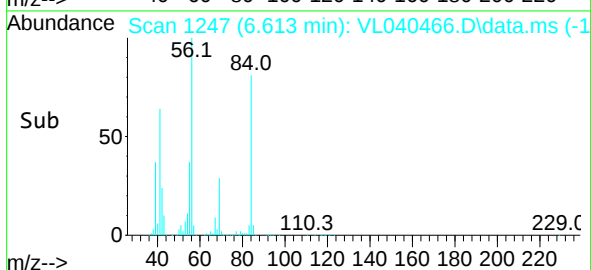
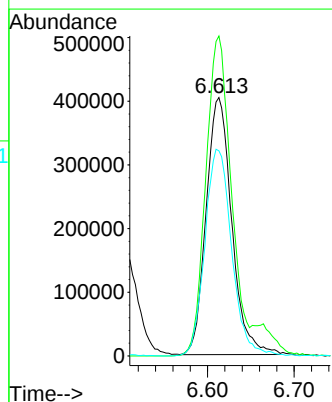
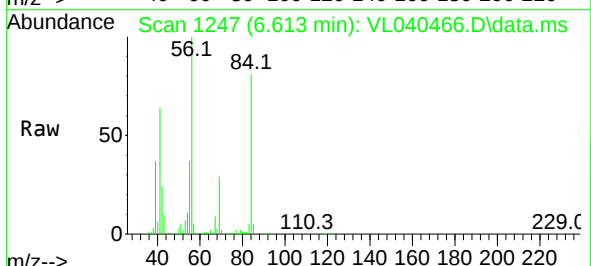
Tgt Ion: 84 Resp: 831449

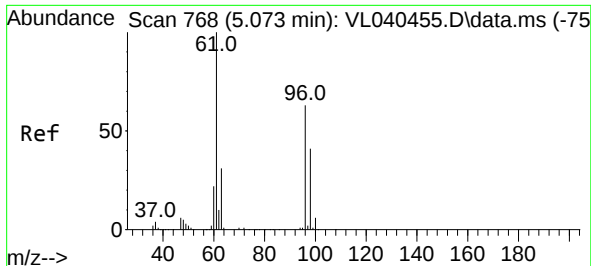
Ion Ratio Lower Upper

84 100

56 133.0 106.0 159.0

41 84.6 66.8 100.2

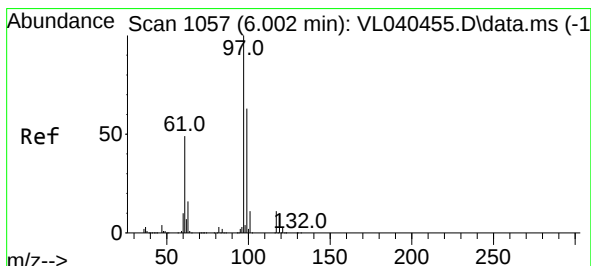
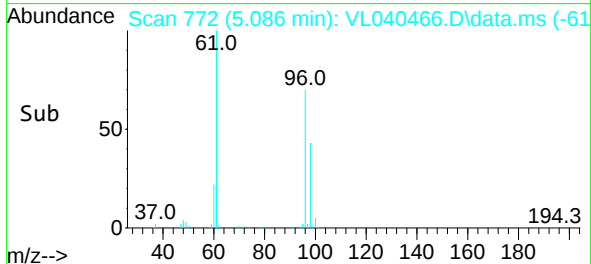
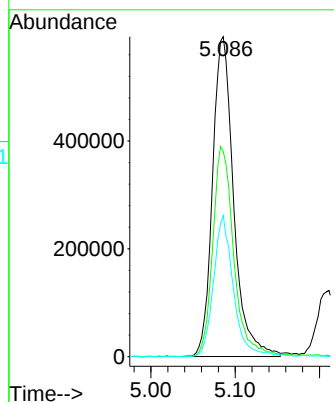
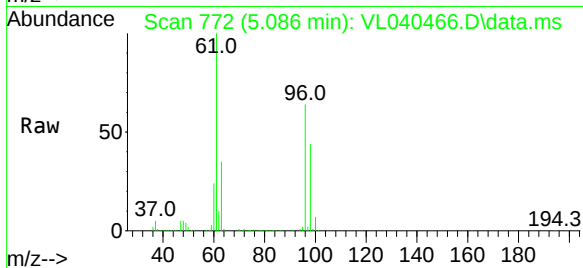




#31
 cis-1,2-Dichloroethene
 Concen: 9.916 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

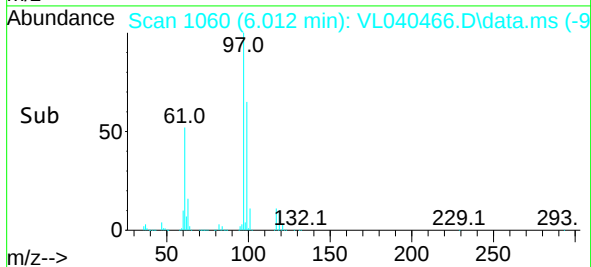
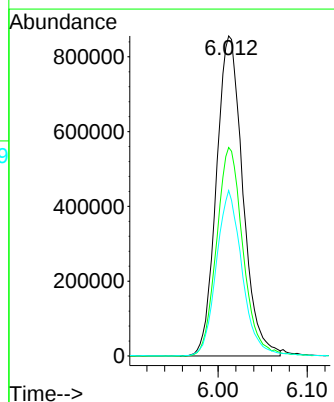
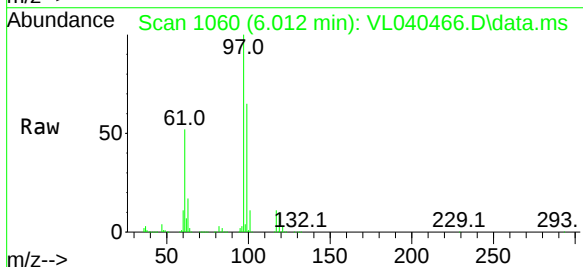
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

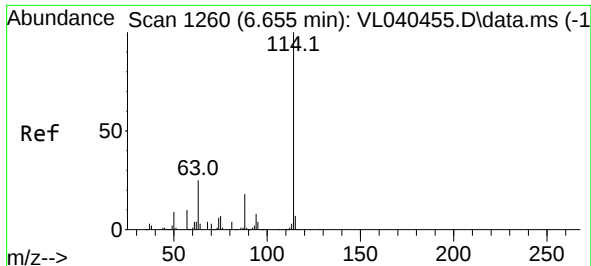
Tgt Ion: 61 Resp: 1033314
 Ion Ratio Lower Upper
 61 100
 96 64.1 50.2 75.4
 98 44.1 32.9 49.3



#32
 1,1,1-Trichloroethane
 Concen: 9.630 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 97 Resp: 1763622
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.5 77.3
 61 50.9 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.665 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

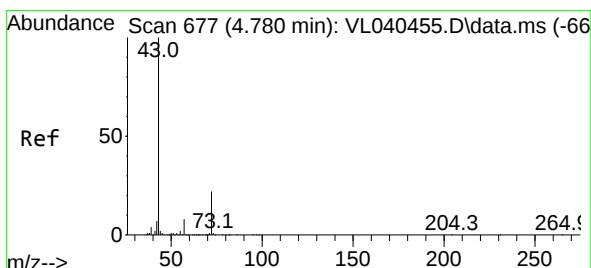
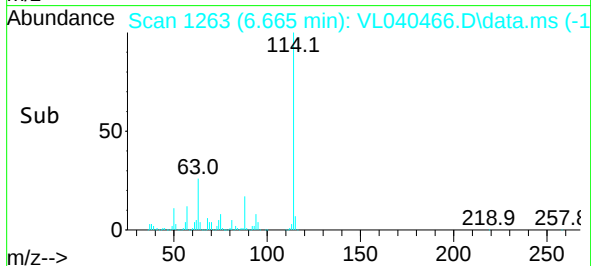
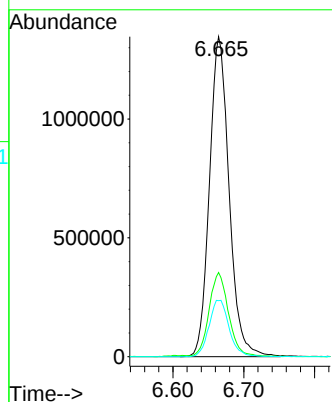
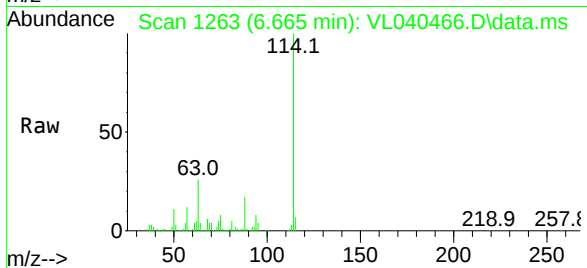
Tgt Ion:114 Resp: 2592317

Ion Ratio Lower Upper

114 100

63 26.5 21.0 31.6

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 10.067 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.010 min

Lab File: VL040466.D

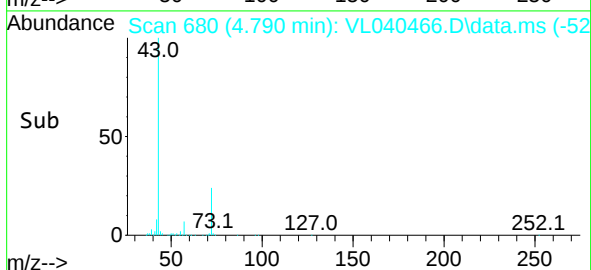
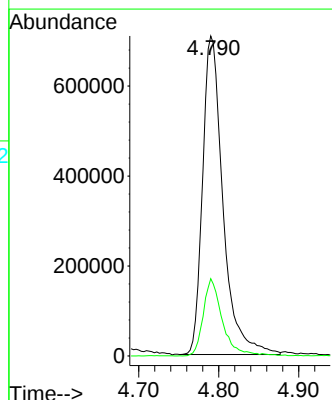
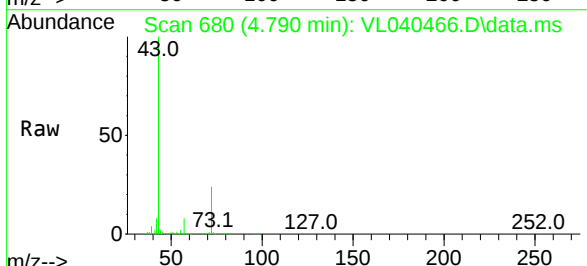
Acq: 15 Jun 2023 13:55

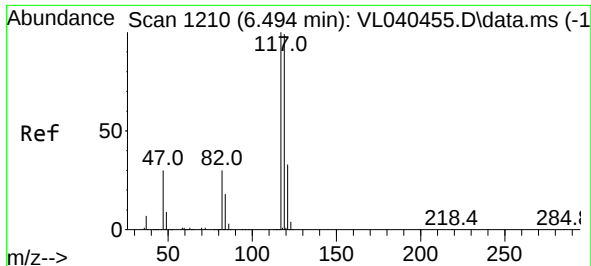
Tgt Ion: 43 Resp: 1258457

Ion Ratio Lower Upper

43 100

72 23.1 18.1 27.1

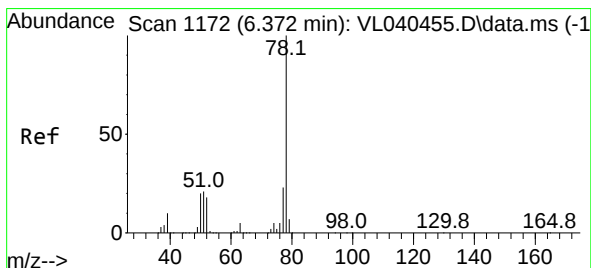
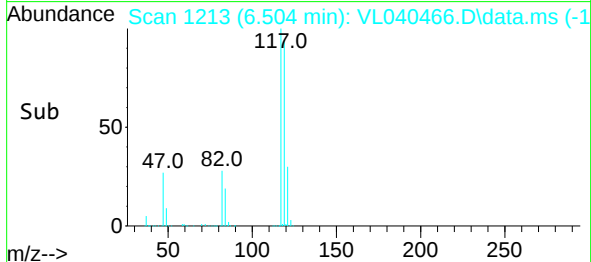
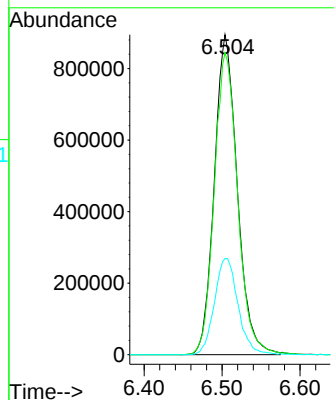
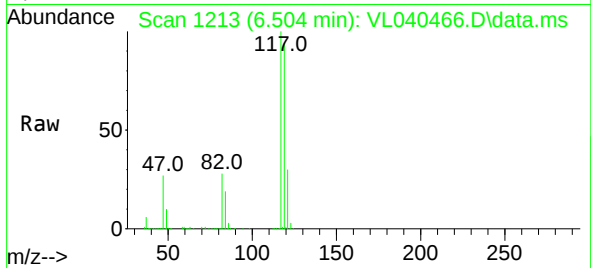




#35
Carbon Tetrachloride
Concen: 10.339 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

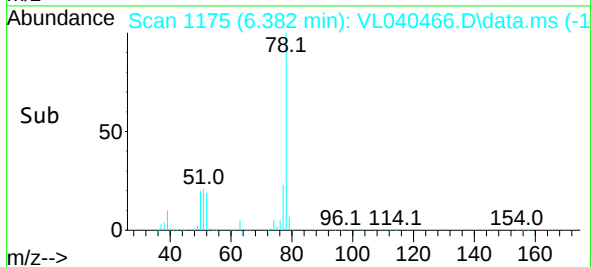
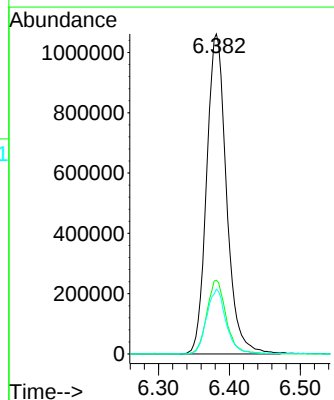
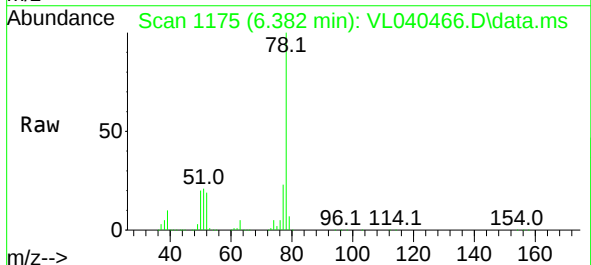
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

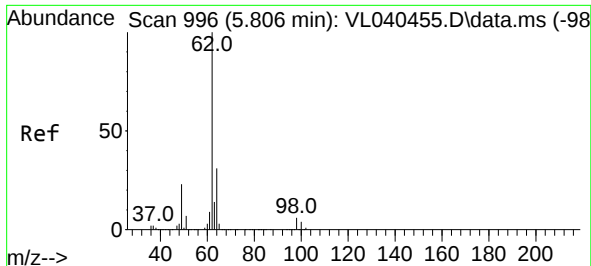
Tgt Ion:117 Resp: 1826504
Ion Ratio Lower Upper
117 100
119 94.3 79.1 118.7
121 30.0 26.0 39.0



#36
Benzene
Concen: 10.016 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 78 Resp: 2065268
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
50 20.2 16.1 24.1





#37

1,2-Dichloroethane

Concen: 9.959 ppbv

RT: 5.816 min Scan# 99

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

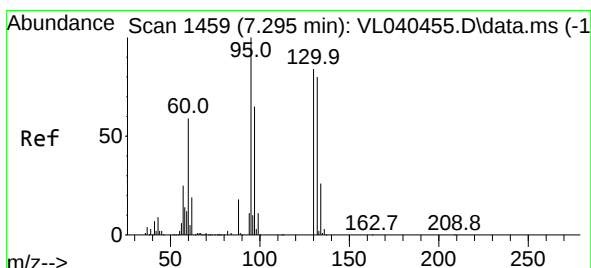
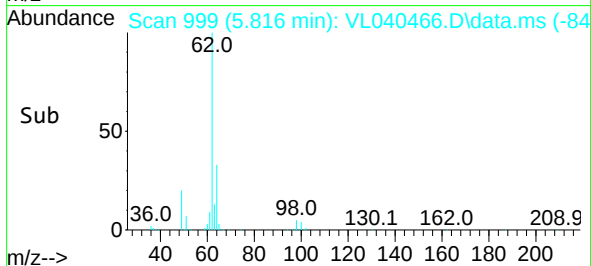
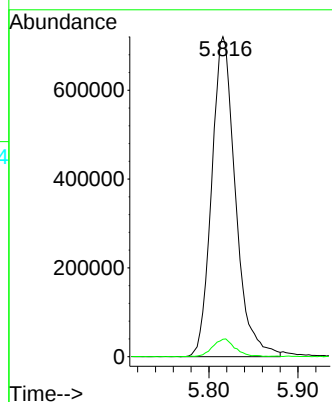
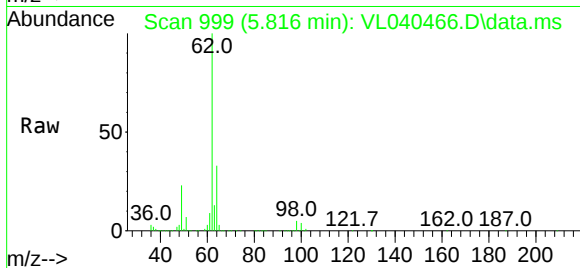
VL0615ABS01

Tgt Ion: 62 Resp: 1337845

Ion Ratio Lower Upper

62 100

98 5.5 4.6 6.8



#38

Trichloroethene

Concen: 10.855 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Tgt Ion:130 Resp: 848035

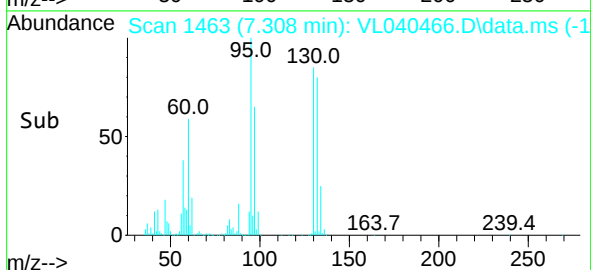
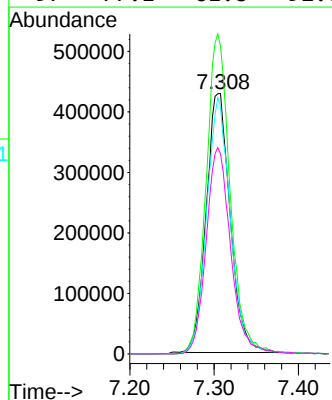
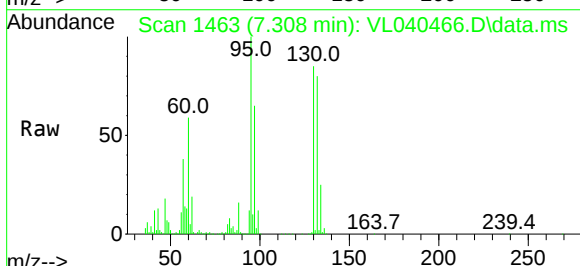
Ion Ratio Lower Upper

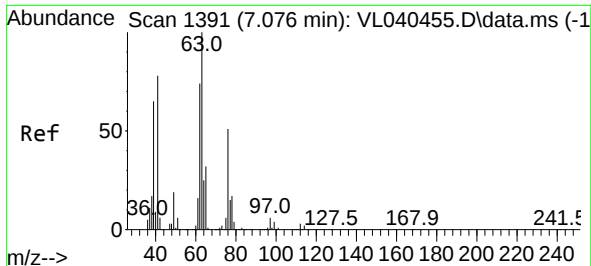
130 100

95 118.5 95.4 143.0

132 95.0 76.3 114.5

97 77.1 61.8 92.6





#39

1,2-Dichloropropane

Concen: 9.948 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

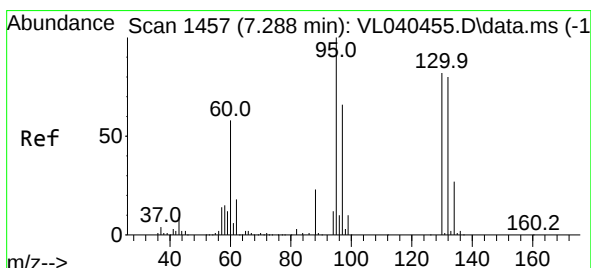
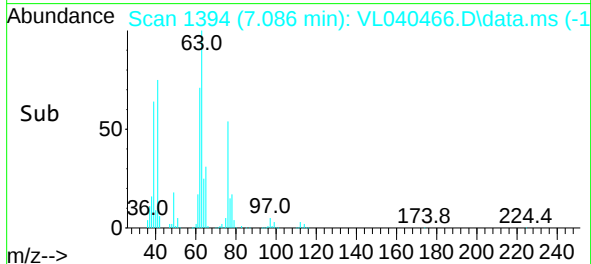
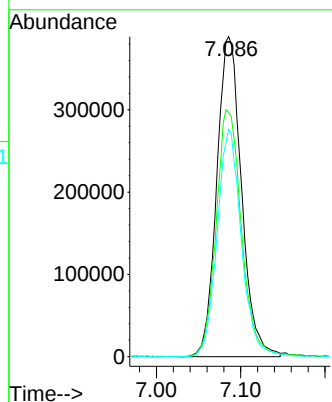
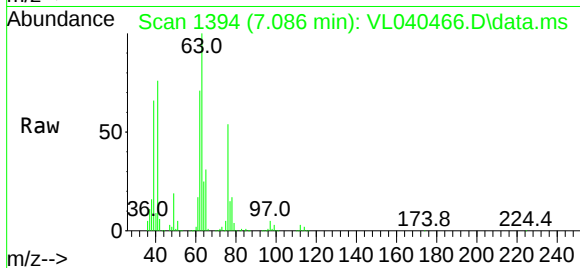
Tgt Ion: 63 Resp: 790734

Ion Ratio Lower Upper

63 100

41 76.3 62.2 93.2

62 71.0 59.0 88.4



#40

1,4-Dioxane

Concen: 9.005 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Tgt Ion: 88 Resp: 202758

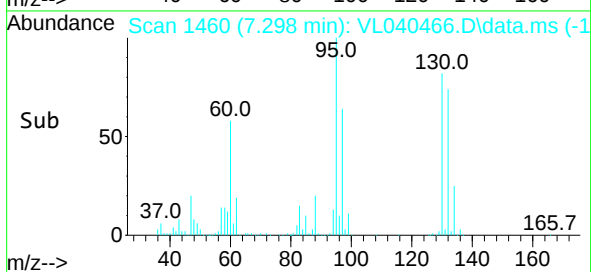
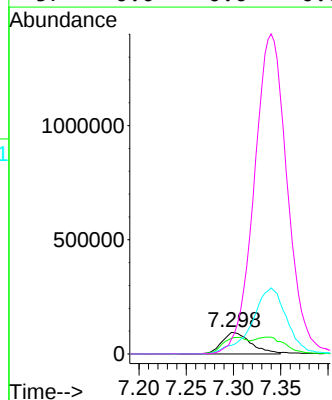
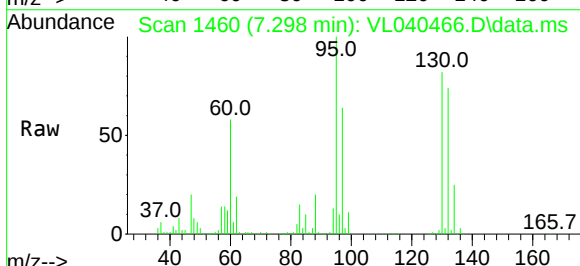
Ion Ratio Lower Upper

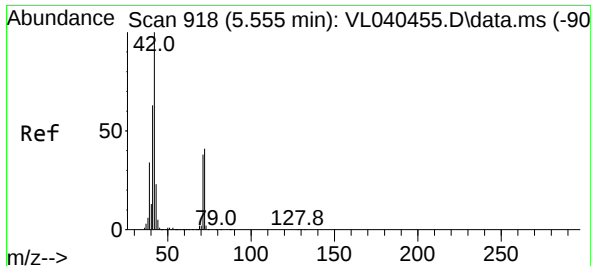
88 100

58 72.3 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.275 ppbv

RT: 5.562 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

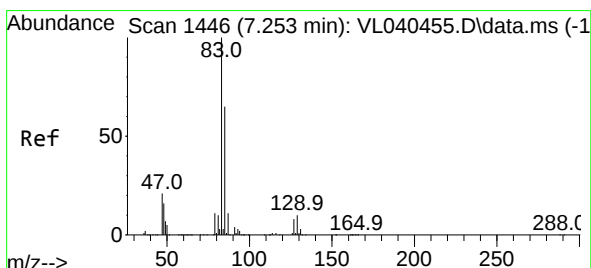
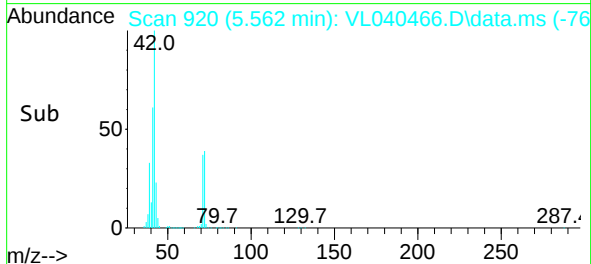
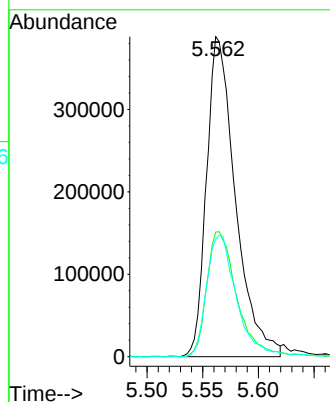
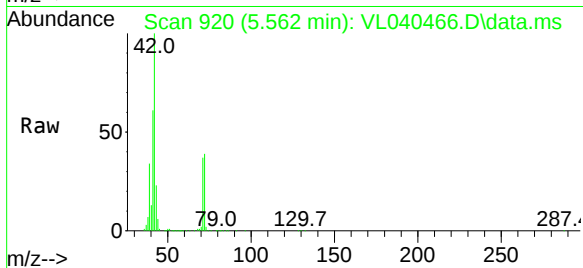
Tgt Ion: 42 Resp: 702071

Ion Ratio Lower Upper

42 100

72 41.2 33.8 50.8

71 39.7 32.3 48.5



#42

Bromodichloromethane

Concen: 10.196 ppbv

RT: 7.263 min Scan# 1449

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

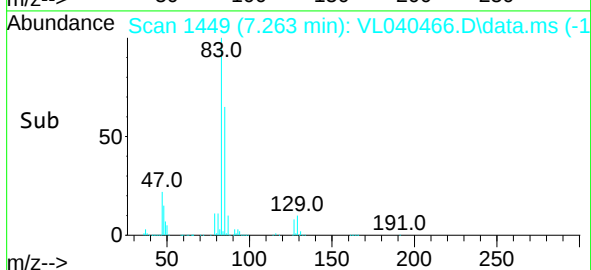
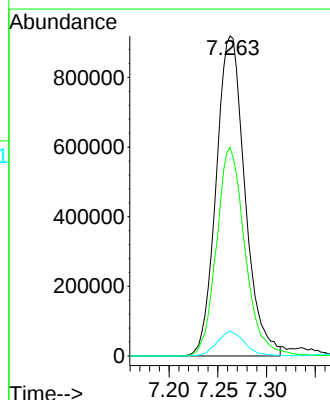
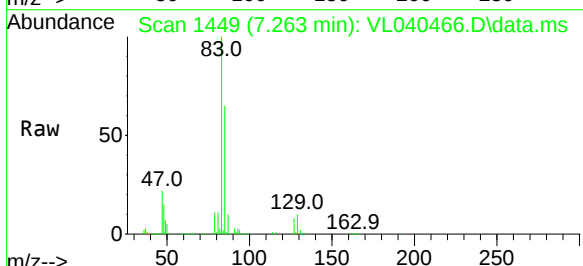
Tgt Ion: 83 Resp: 1886118

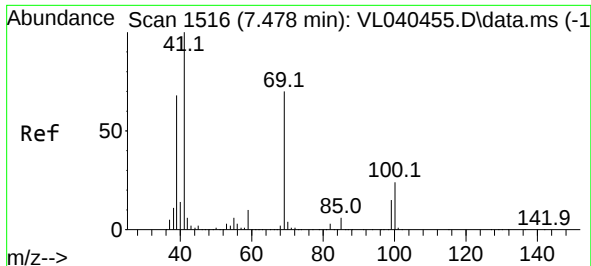
Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6

127 7.9 6.1 9.1

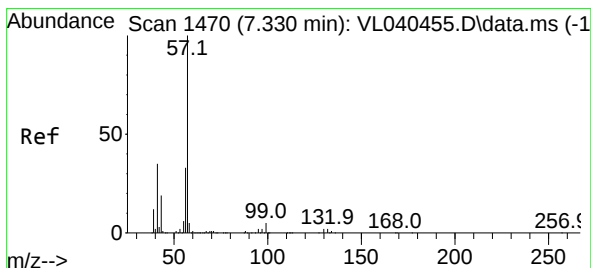
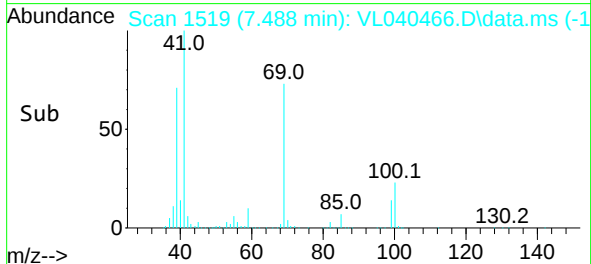
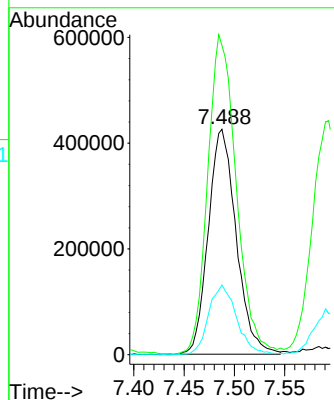
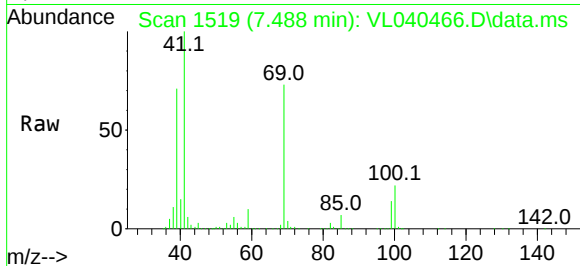




#43
Methyl Methacrylate
Concen: 11.109 ppbv
RT: 7.488 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

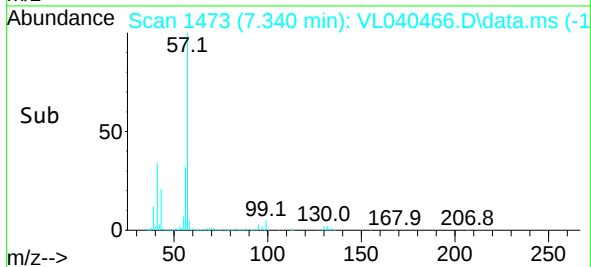
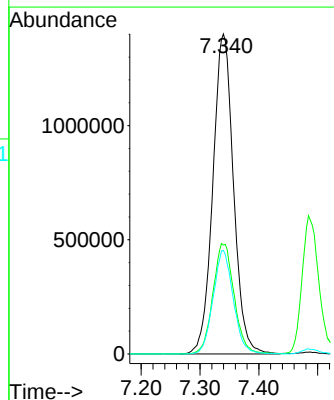
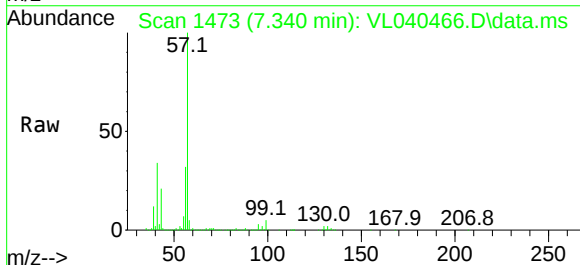
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

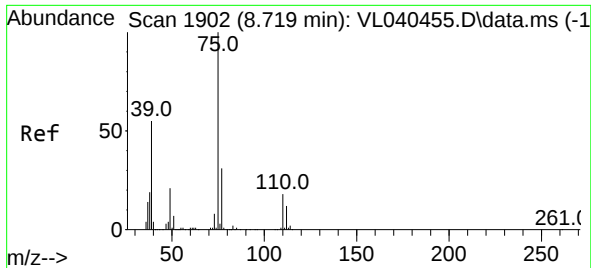
Tgt Ion: 69 Resp: 822898
Ion Ratio Lower Upper
69 100
41 145.7 114.3 171.5
100 31.2 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.136 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 57 Resp: 3415802
Ion Ratio Lower Upper
57 100
41 35.3 27.8 41.8
56 31.6 25.3 37.9

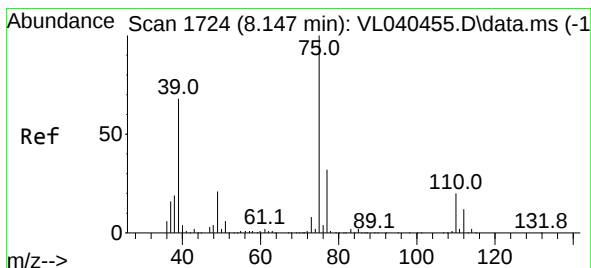
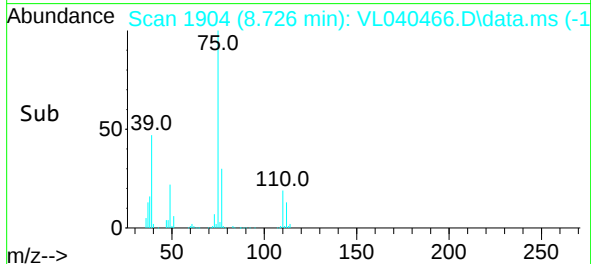
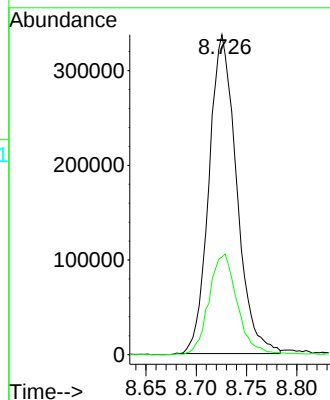
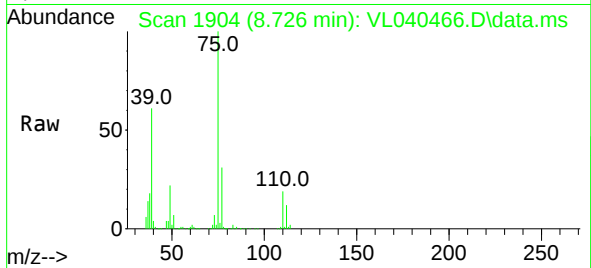




#45
 t-1,3-Dichloropropene
 Concen: 11.770 ppbv
 RT: 8.726 min Scan# 1902
 Delta R.T. 0.007 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

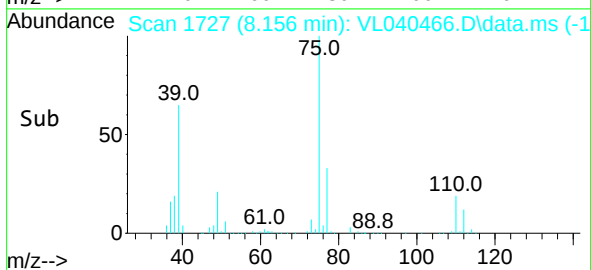
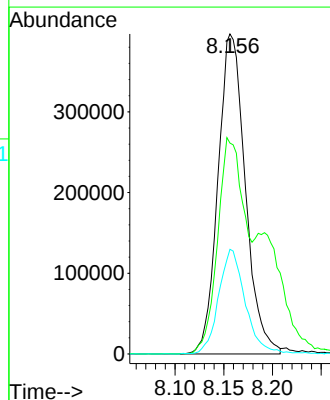
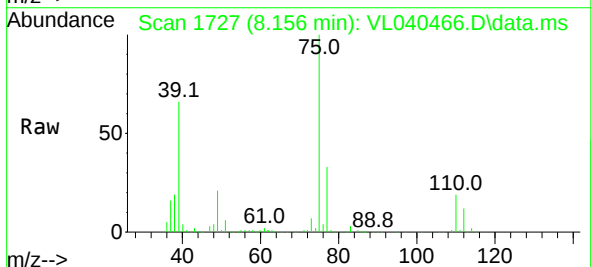
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

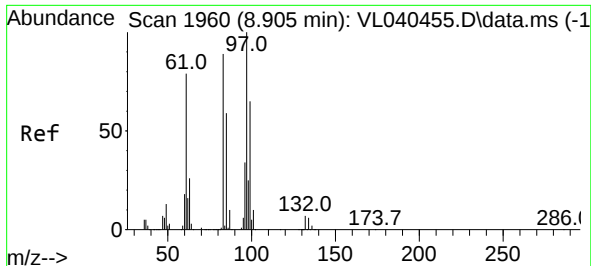
Tgt Ion: 75 Resp: 643774
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.599 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 75 Resp: 773372
 Ion Ratio Lower Upper
 75 100
 39 65.7 54.2 81.4
 77 32.7 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.991 ppbv

RT: 8.915 min Scan# 1960

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

Tgt Ion: 97 Resp: 872857

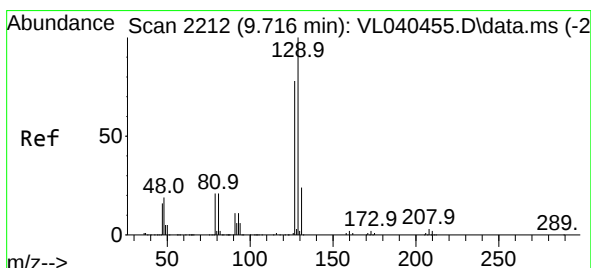
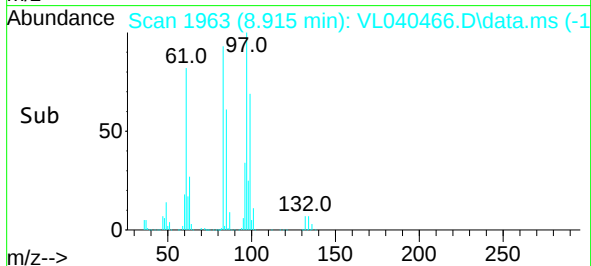
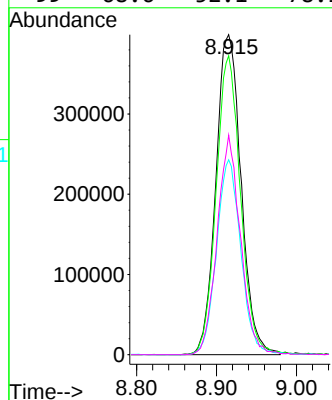
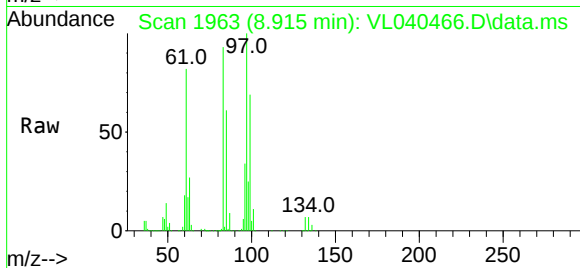
Ion Ratio Lower Upper

97 100

83 93.4 71.4 107.2

85 60.9 47.2 70.8

99 68.6 52.1 78.1



#48

Dibromochloromethane

Concen: 10.814 ppbv

RT: 9.729 min Scan# 2216

Delta R.T. 0.013 min

Lab File: VL040466.D

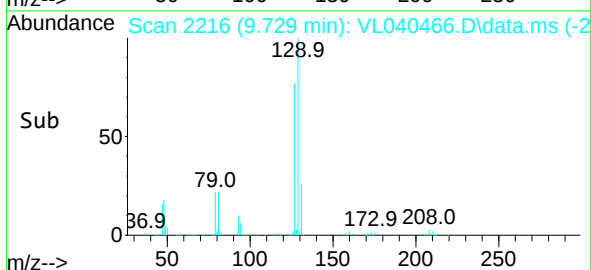
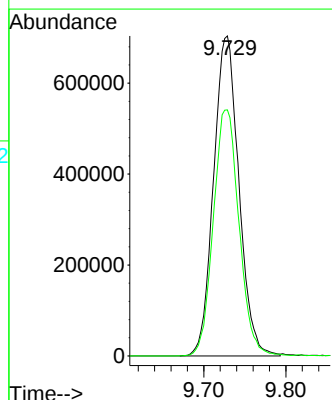
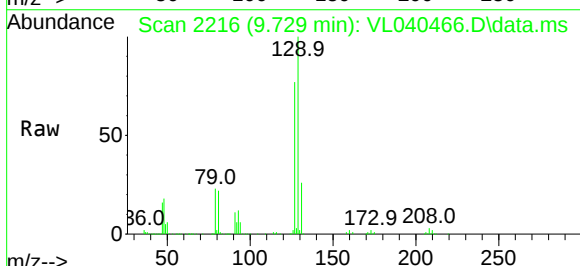
Acq: 15 Jun 2023 13:55

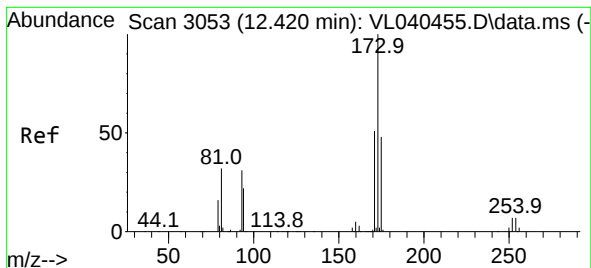
Tgt Ion: 129 Resp: 1510323

Ion Ratio Lower Upper

129 100

127 78.4 39.4 118.1





#49

Bromoform

Concen: 10.981 ppbv

RT: 12.426 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

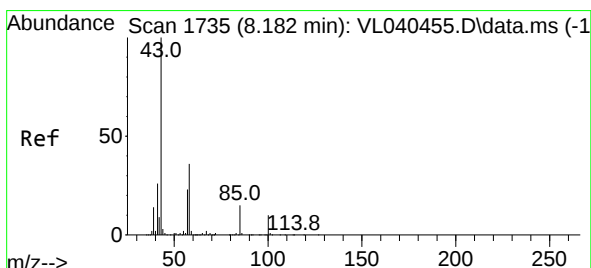
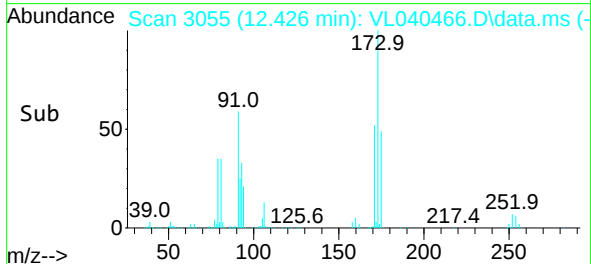
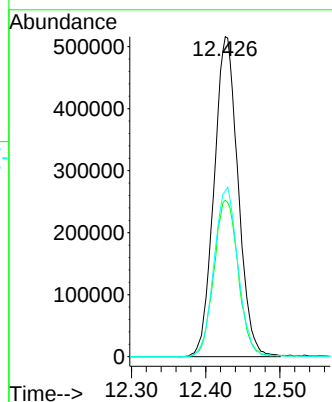
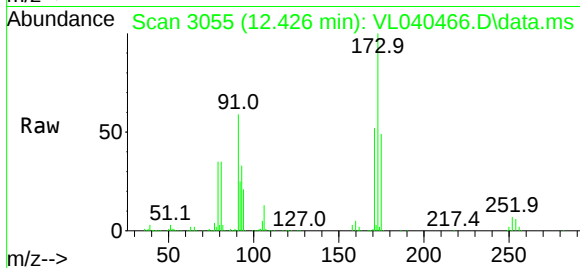
Tgt Ion:173 Resp: 1160423

Ion Ratio Lower Upper

173 100

175 50.0 39.2 58.8

171 52.7 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.743 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.013 min

Lab File: VL040466.D

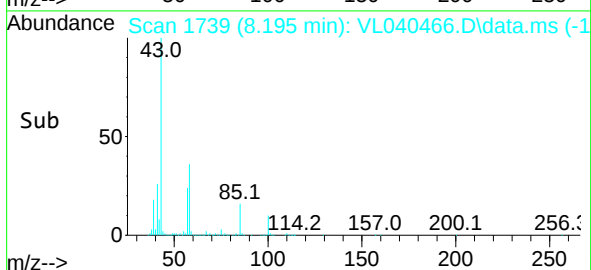
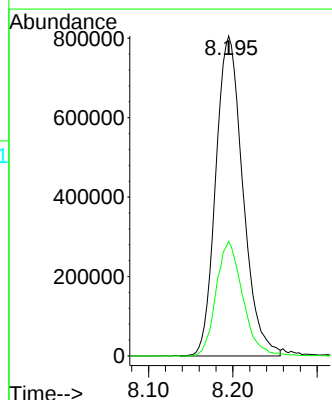
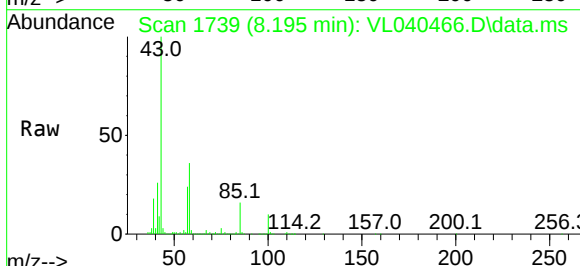
Acq: 15 Jun 2023 13:55

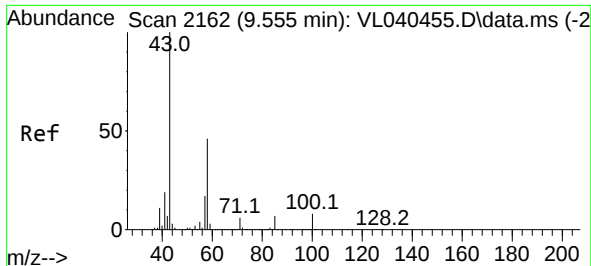
Tgt Ion: 43 Resp: 1798692

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.4

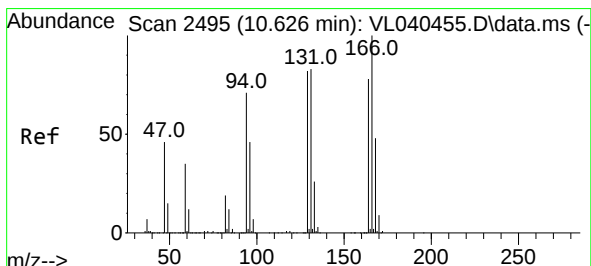
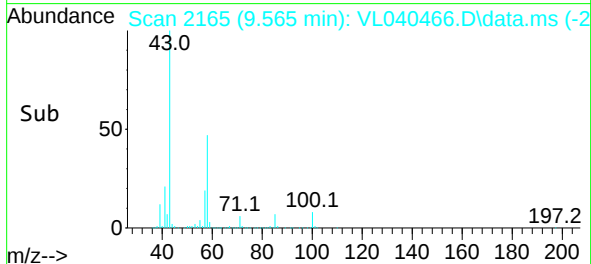
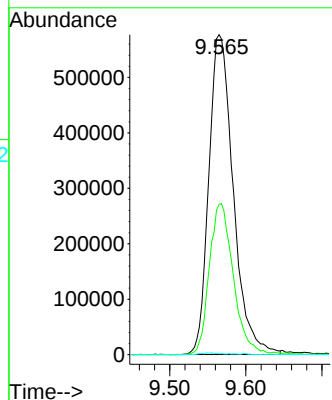
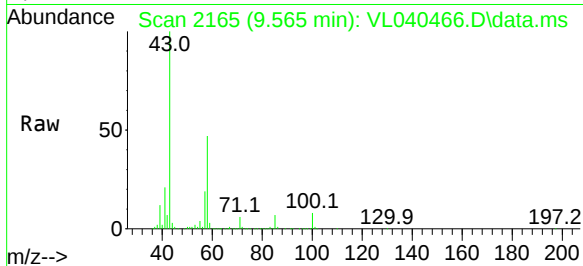




#51
2-Hexanone
Concen: 11.072 ppbv
RT: 9.565 min Scan# 2162
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

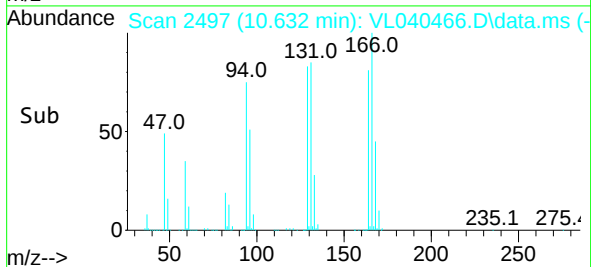
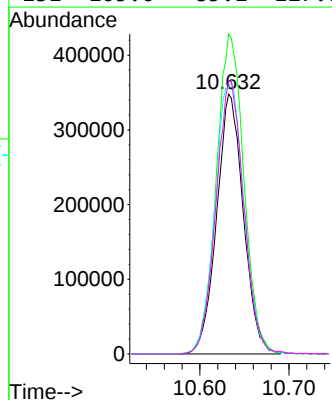
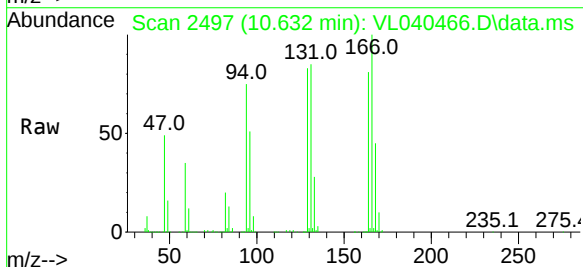
Instrument :
MSVOA_1
ClientSampleId :
VL0615ABS01

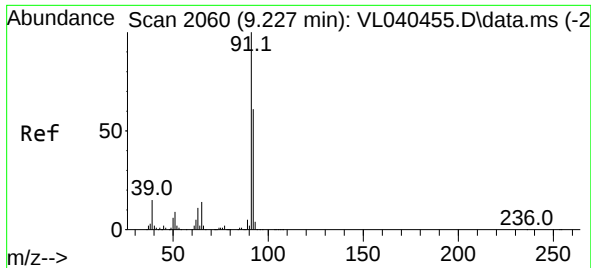
Tgt Ion: 43 Resp: 1286931
Ion Ratio Lower Upper
43 100
58 46.7 37.1 55.7
98 0.7 0.5 0.7



#52
Tetrachloroethene
Concen: 11.194 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 164 Resp: 724715
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 102.5 84.6 126.8
131 105.0 85.1 127.7

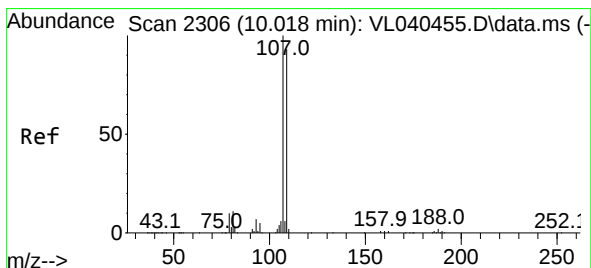
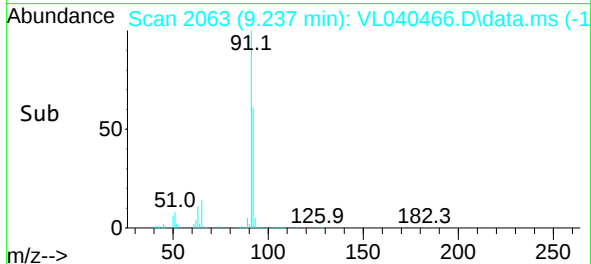
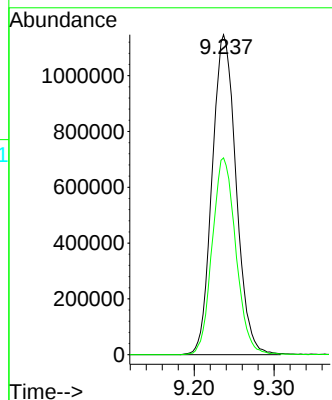
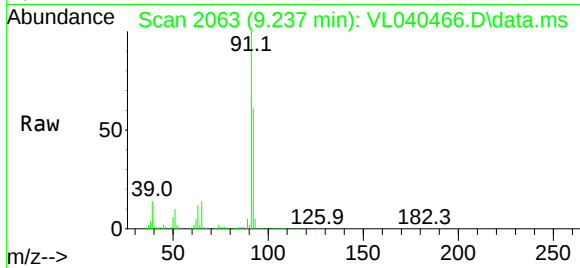




#53
Toluene
Concen: 10.970 ppbv
RT: 9.237 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

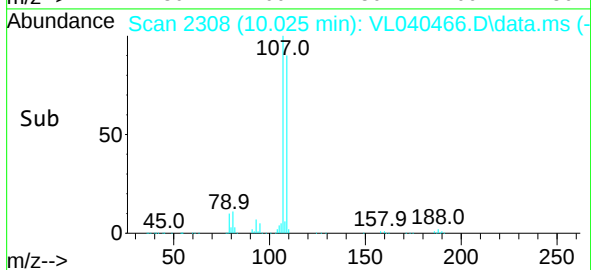
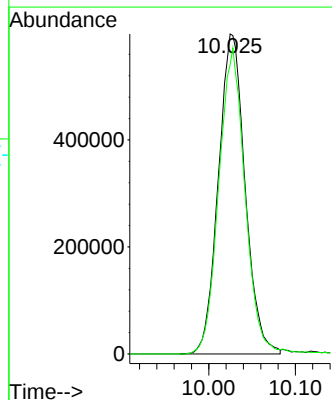
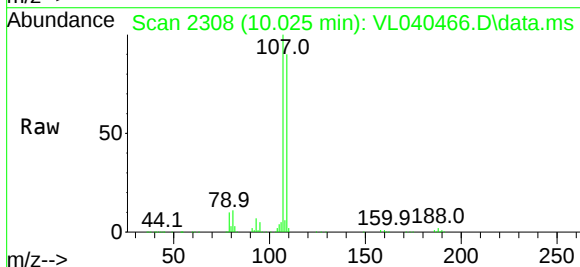
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

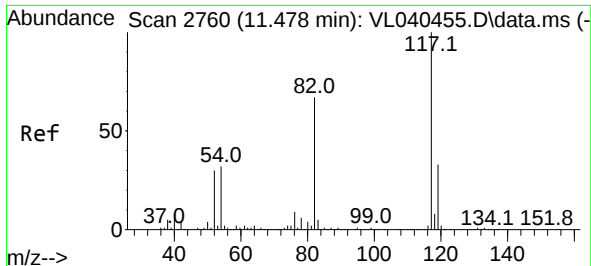
Tgt Ion: 91 Resp: 2382505
Ion Ratio Lower Upper
91 100
92 60.9 49.1 73.7



#54
1,2-Dibromoethane
Concen: 11.177 ppbv
RT: 10.025 min Scan# 2308
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 107 Resp: 1280033
Ion Ratio Lower Upper
107 100
109 90.3 74.5 111.7

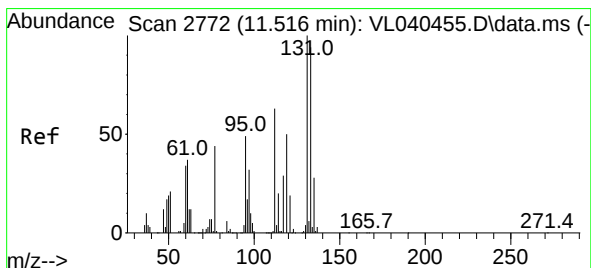
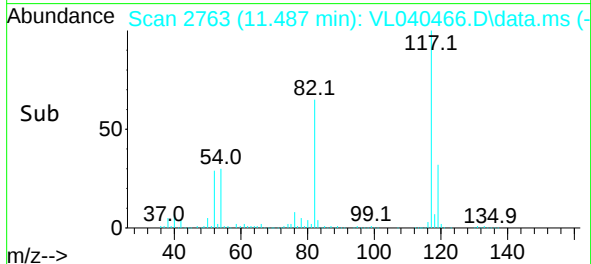
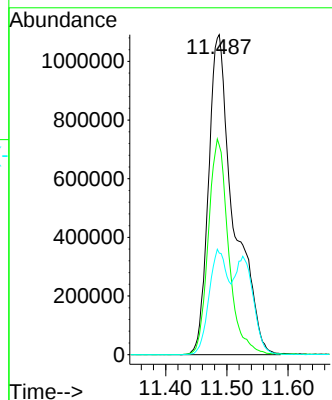
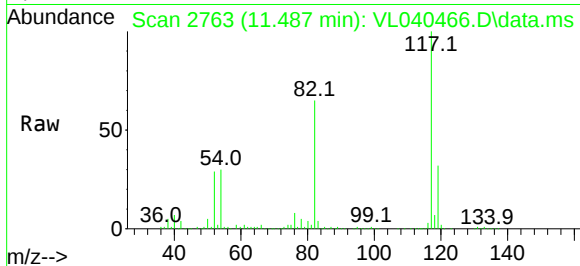




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

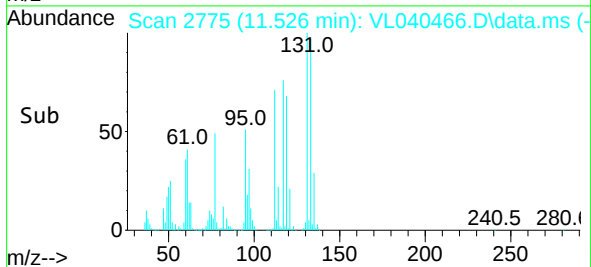
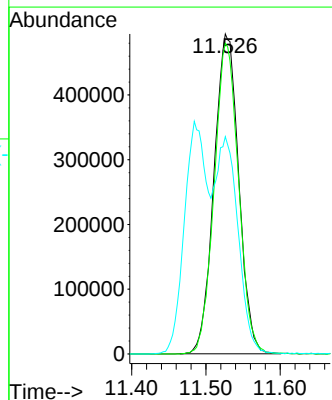
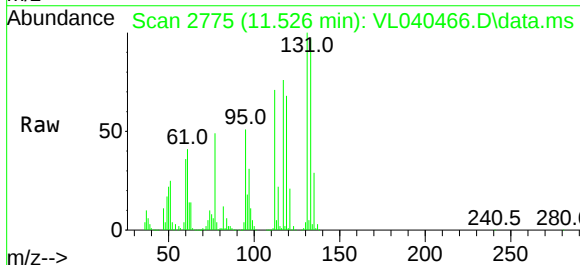
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

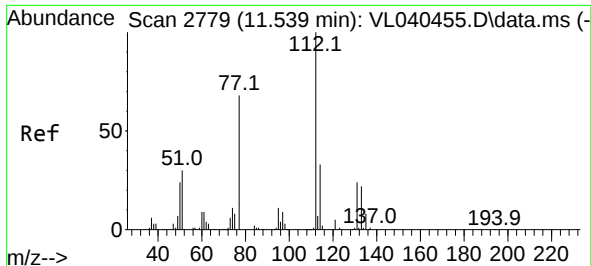
Tgt Ion:117 Resp: 3142972
Ion Ratio Lower Upper
117 100
82 54.1 53.0 79.4
119 23.1 24.4 36.6#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.723 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion:131 Resp: 1140807
Ion Ratio Lower Upper
131 100
133 95.9 75.7 113.5
119 63.2 51.4 77.2

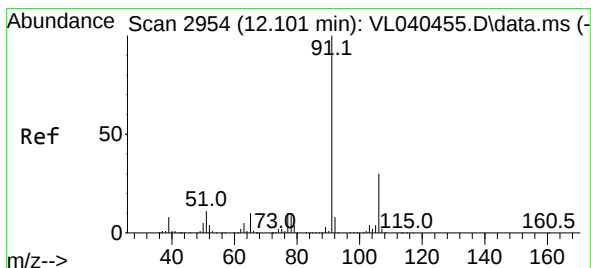
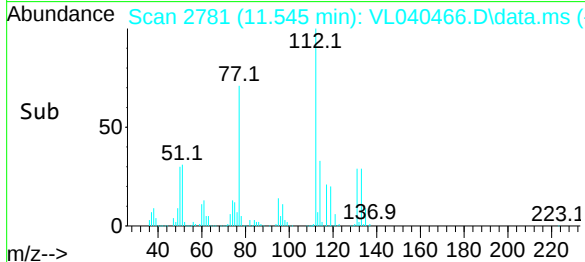
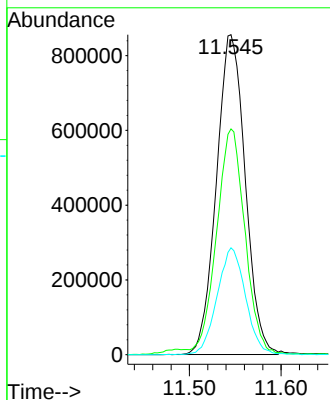
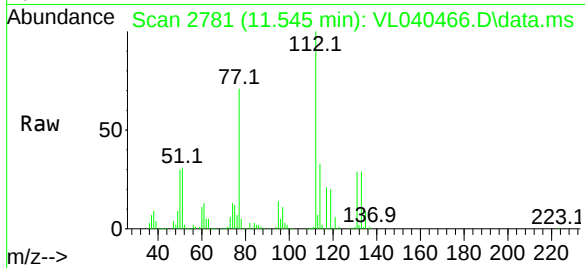




#57
Chlorobenzene
Concen: 7.856 ppbv
RT: 11.545 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

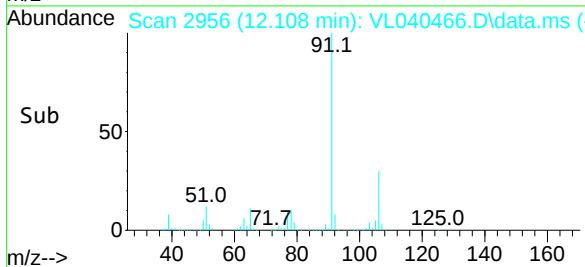
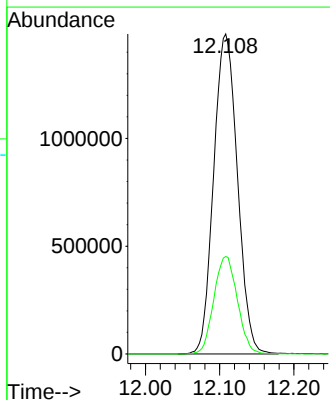
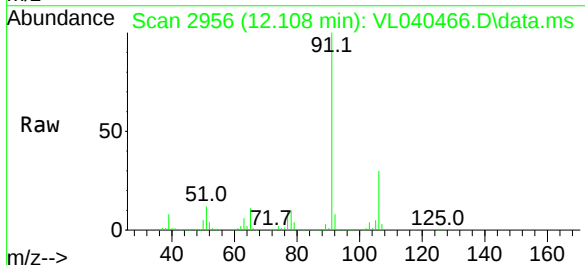
Instrument :
MSVOA_1
ClientSampleId :
VL0615ABS01

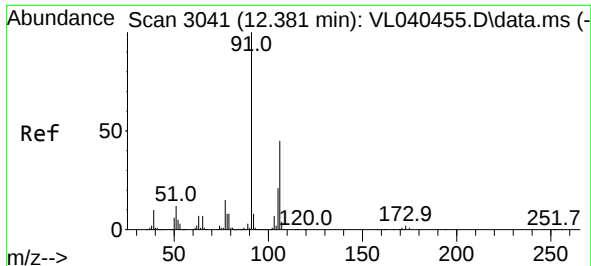
Tgt Ion:112 Resp: 1866231
Ion Ratio Lower Upper
112 100
77 70.0 55.4 83.2
114 33.2 30.0 36.6



#58
Ethyl Benzene
Concen: 8.683 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 91 Resp: 3306488
Ion Ratio Lower Upper
91 100
106 30.4 23.7 35.5





#59

m/p-Xylene

Concen: 9.497 ppbv

RT: 12.388 min Scan# 3041

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

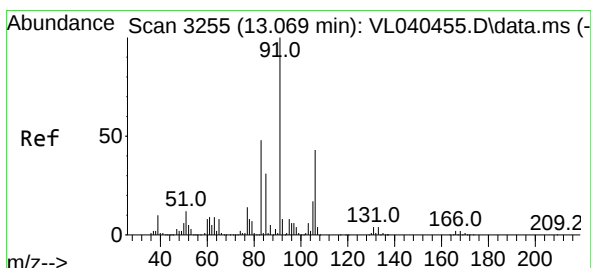
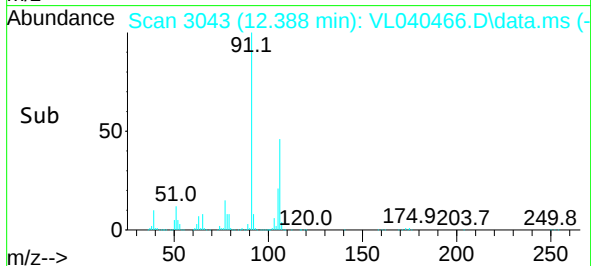
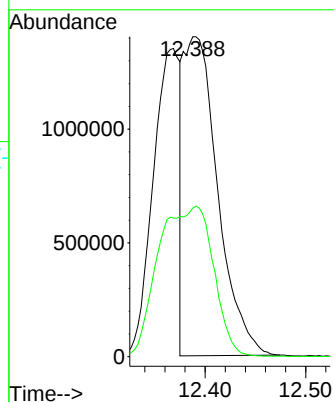
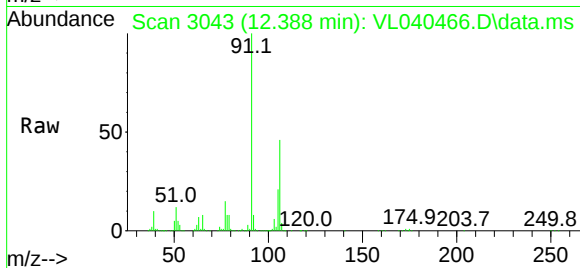
VL0615ABS01

Tgt Ion: 91 Resp: 3323684

Ion Ratio Lower Upper

91 100

106 76.2 34.6 52.0#



#60

o-Xylene

Concen: 8.511 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. 0.010 min

Lab File: VL040466.D

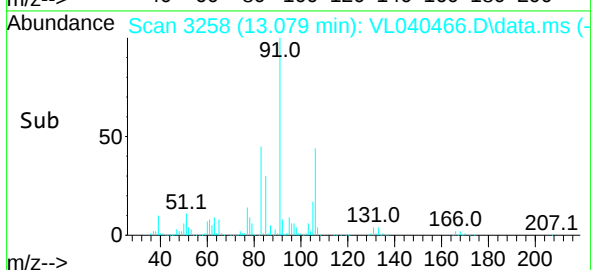
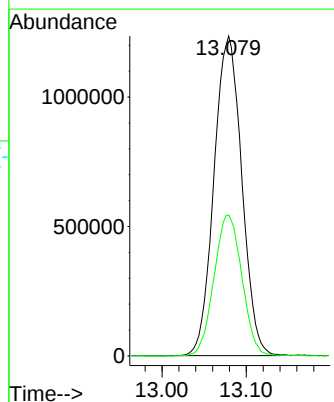
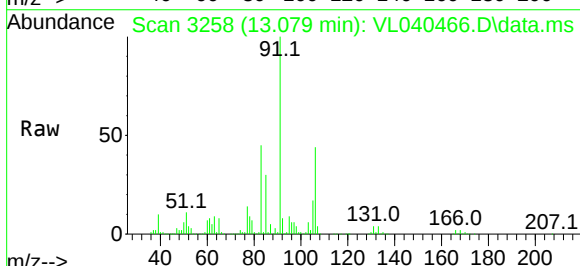
Acq: 15 Jun 2023 13:55

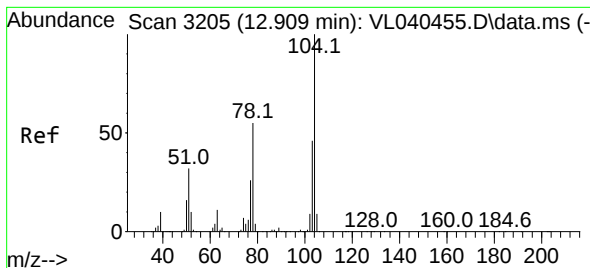
Tgt Ion: 91 Resp: 2825262

Ion Ratio Lower Upper

91 100

106 44.4 22.1 66.1





#61

Styrene

Concen: 9.818 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

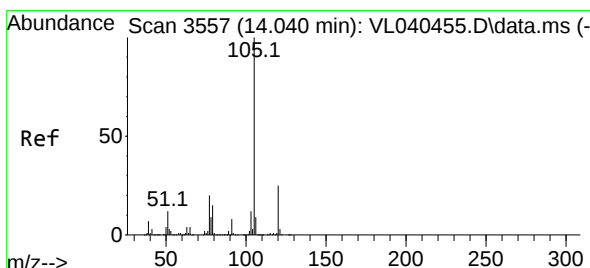
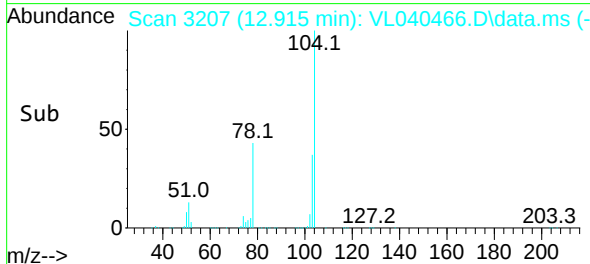
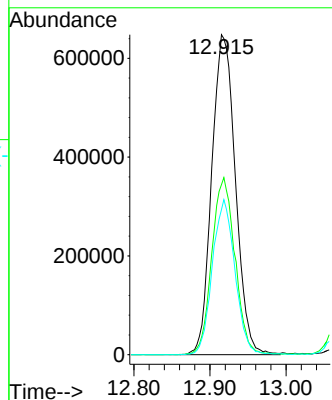
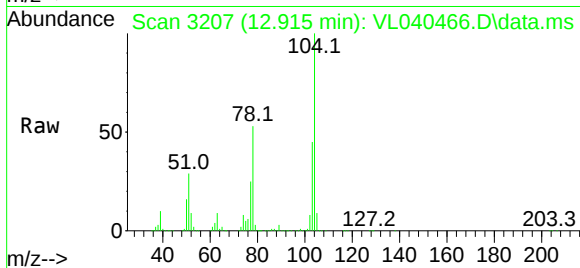
Tgt Ion:104 Resp: 1402539

Ion Ratio Lower Upper

104 100

78 54.3 43.1 64.7

103 46.4 37.1 55.7



#62

Isopropylbenzene

Concen: 8.300 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.010 min

Lab File: VL040466.D

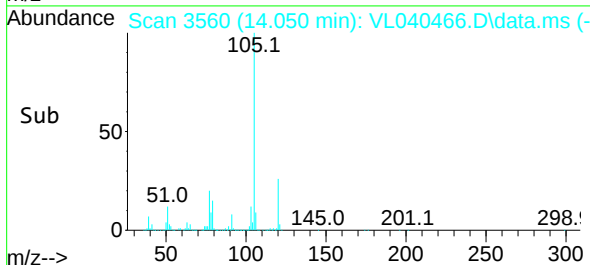
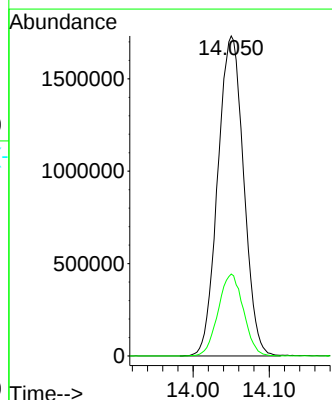
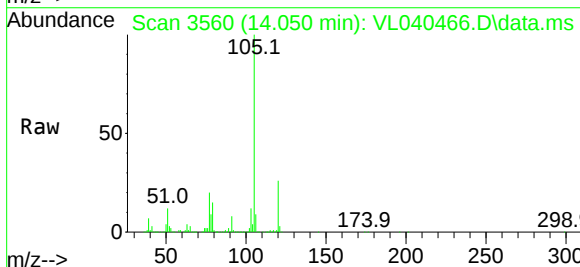
Acq: 15 Jun 2023 13:55

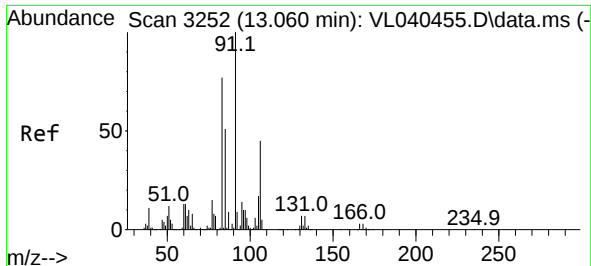
Tgt Ion:105 Resp: 4095621

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.4

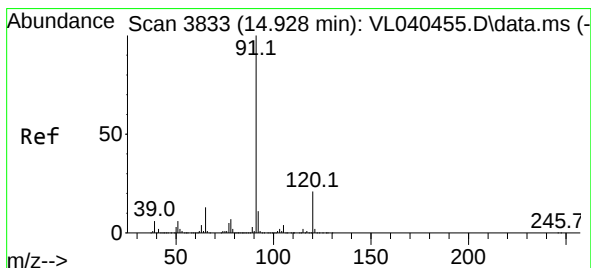
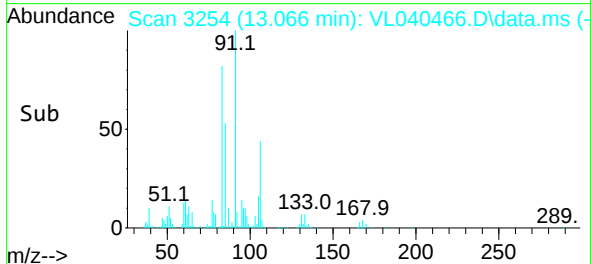
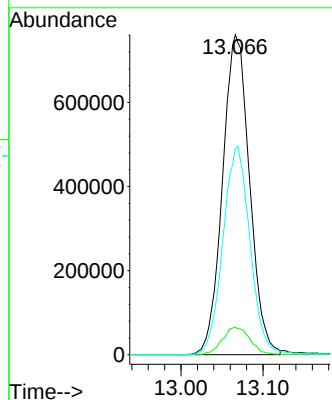
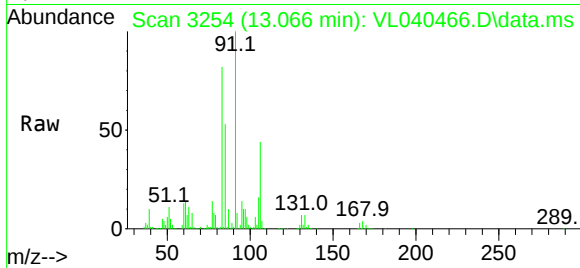




#63
1,1,2,2-Tetrachloroethane
Concen: 8.118 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

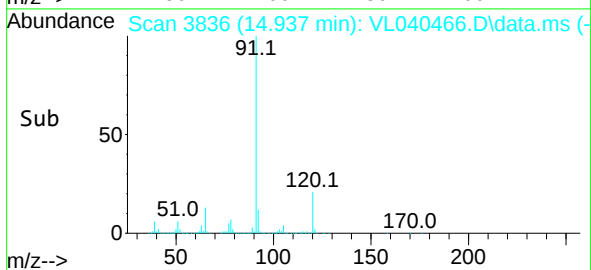
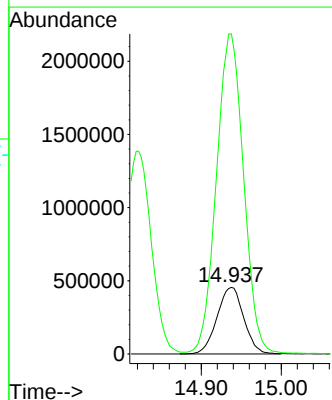
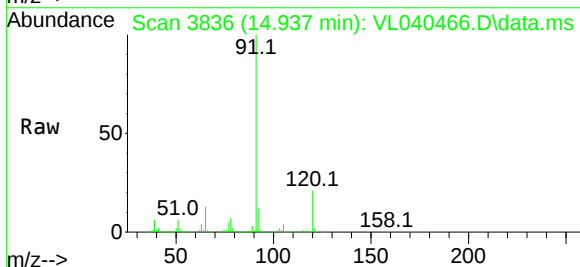
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

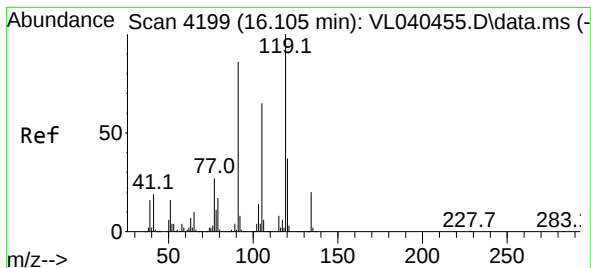
Tgt Ion: 83 Resp: 1744814
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 65.5 33.0 99.0



#64
n-propylbenzene
Concen: 8.403 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion:120 Resp: 1052706
Ion Ratio Lower Upper
120 100
91 492.1 388.5 582.7

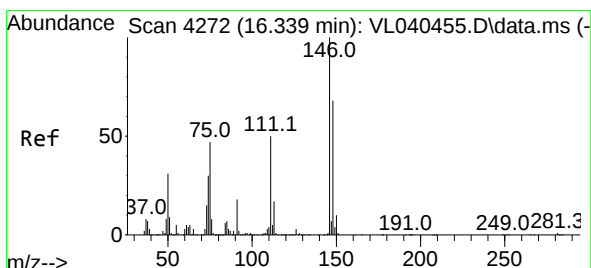
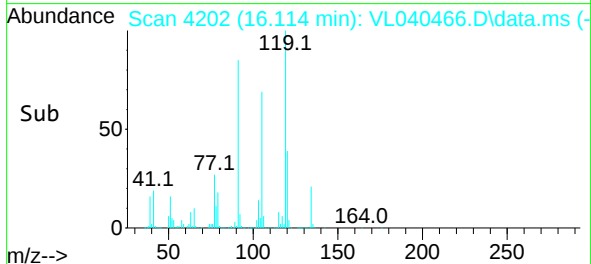
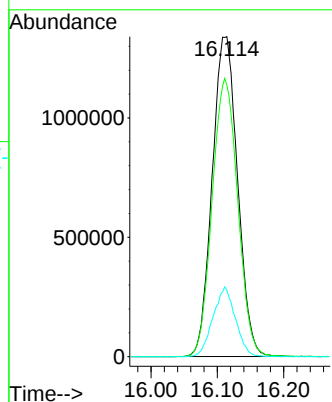
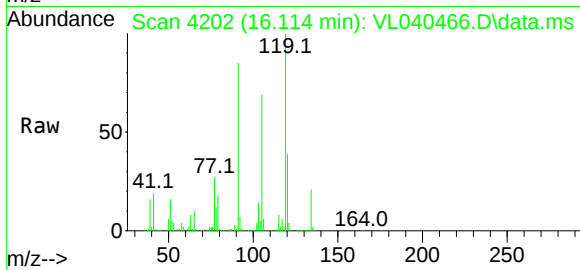




#65
tert-Butylbenzene
Concen: 8.415 ppbv
RT: 16.114 min Scan# 4199
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

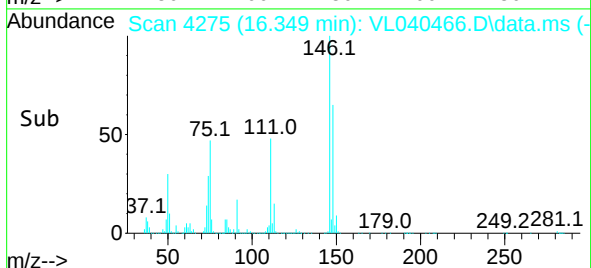
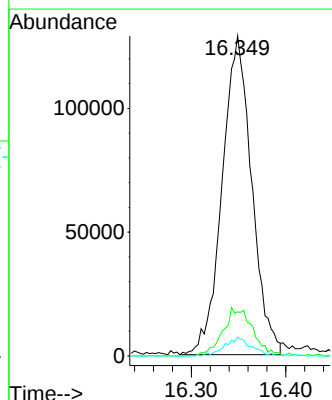
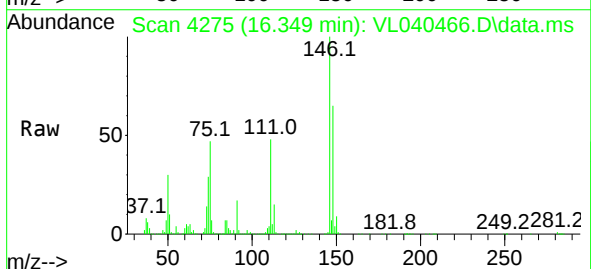
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

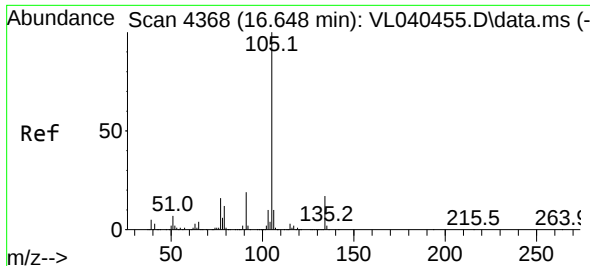
Tgt Ion:119 Resp: 3562617
Ion Ratio Lower Upper
119 100
91 87.8 70.5 105.7
134 19.3 15.6 23.4



#66
Benzyl Chloride
Concen: 8.568 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 91 Resp: 279518
Ion Ratio Lower Upper
91 100
126 15.5 13.2 19.8
128 5.5 4.6 6.8

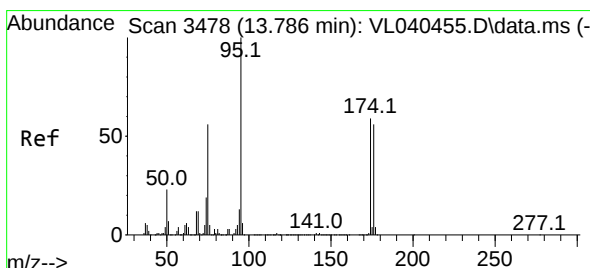
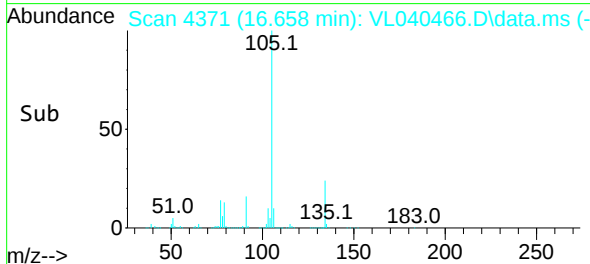
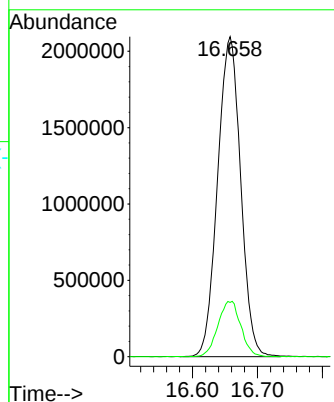
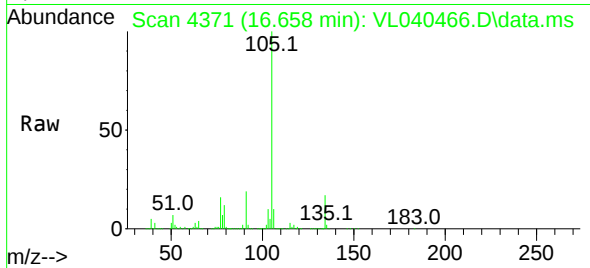




#67
 sec-Butylbenzene
 Concen: 8.345 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

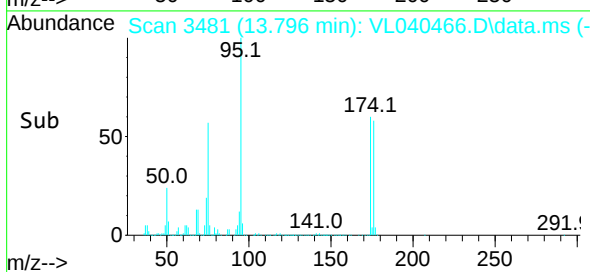
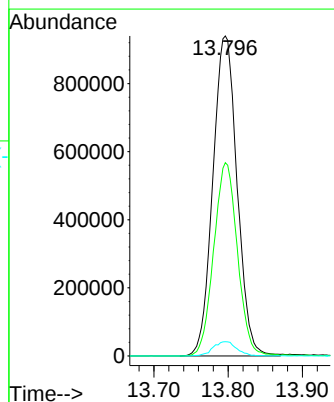
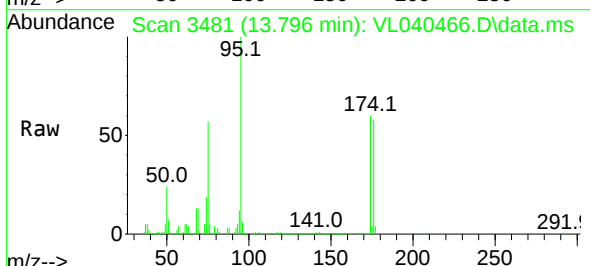
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

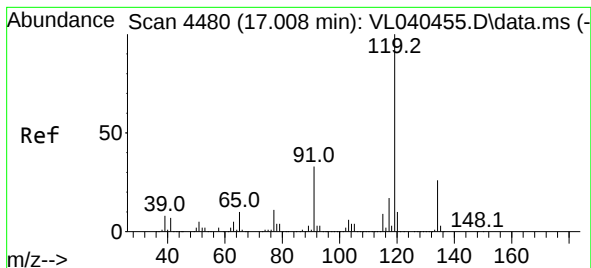
Tgt Ion:105 Resp: 5151555
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.213 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Tgt Ion: 95 Resp: 2130597
 Ion Ratio Lower Upper
 95 100
 174 59.5 47.7 71.5
 175 4.4 3.5 5.3





#69

p-Isopropyltoluene

Concen: 8.591 ppbv

RT: 17.015 min Scan# 4480

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

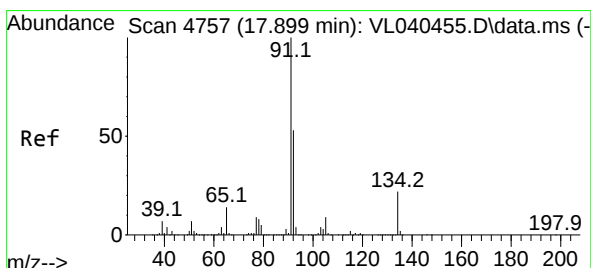
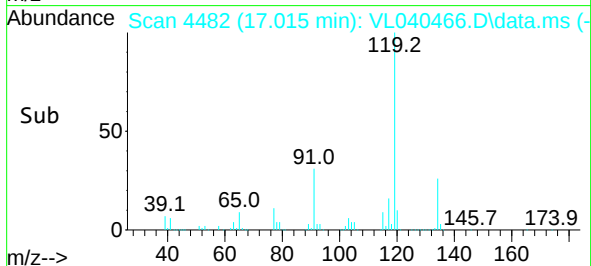
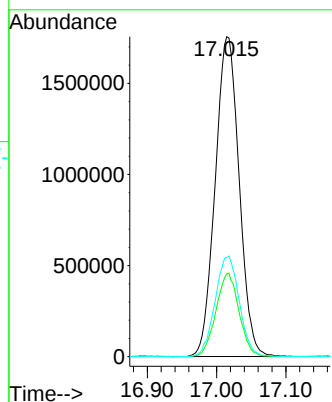
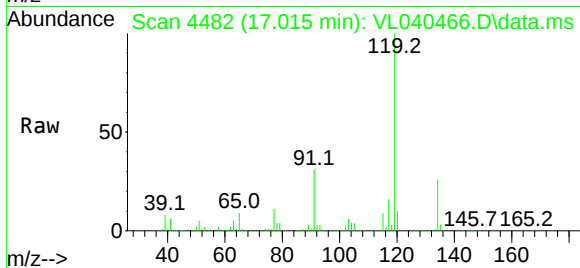
Tgt Ion:119 Resp: 4214697

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

91 31.7 25.5 38.3



#70

n-Butylbenzene

Concen: 8.477 ppbv

RT: 17.905 min Scan# 4759

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

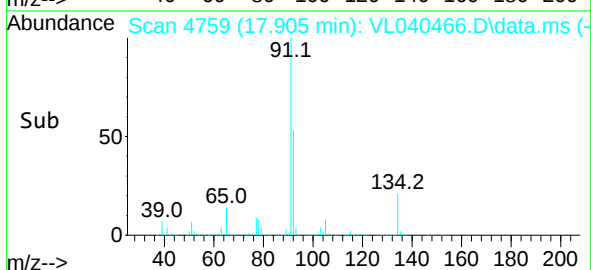
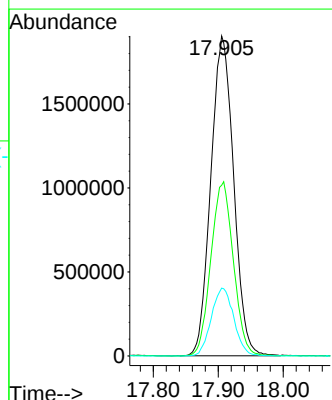
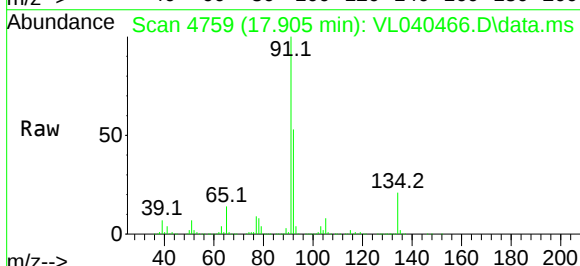
Tgt Ion: 91 Resp: 4642123

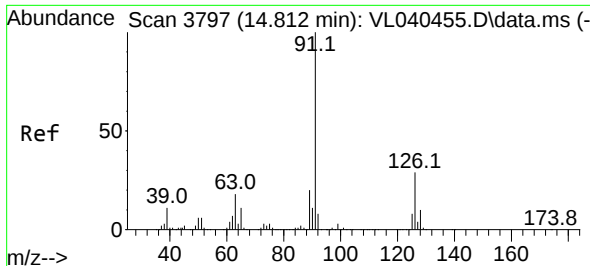
Ion Ratio Lower Upper

91 100

92 53.8 42.7 64.1

134 21.0 16.9 25.3

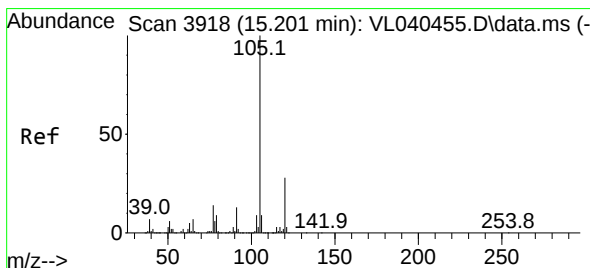
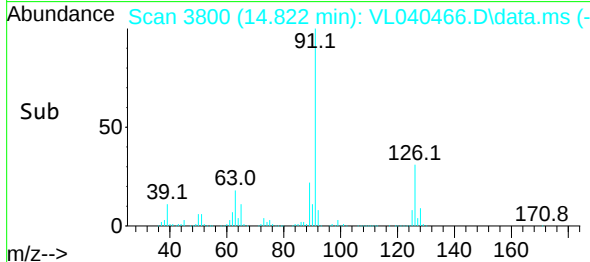
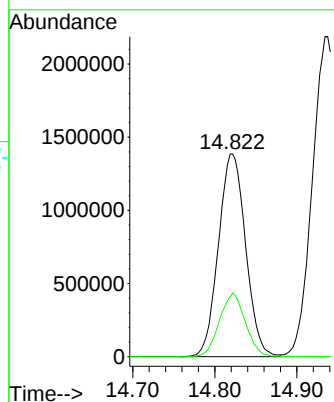
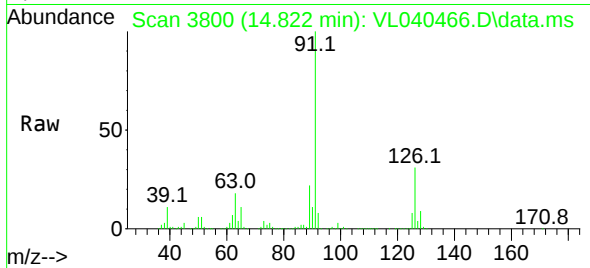




#71
2-Chlorotoluene
Concen: 8.694 ppbv
RT: 14.822 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

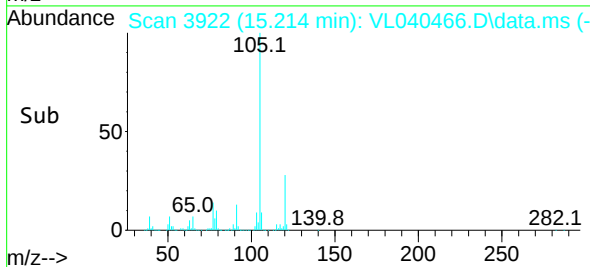
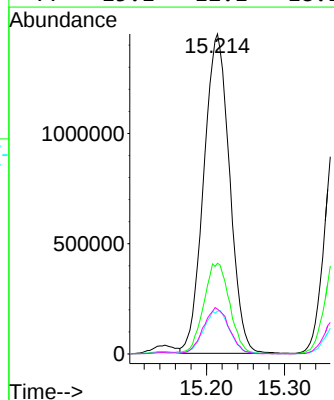
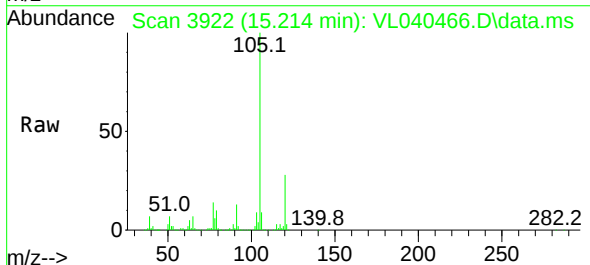
Instrument :
MSVOA_1
ClientSampleId :
VL0615ABS01

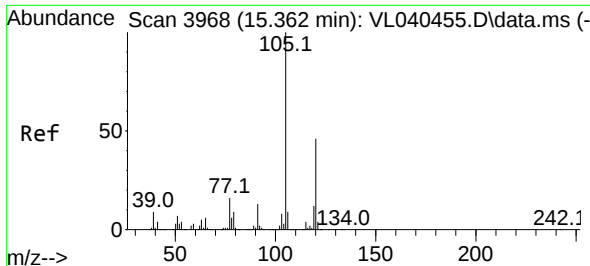
Tgt Ion: 91 Resp: 3185699
Ion Ratio Lower Upper
91 100
126 29.9 12.0 48.2



#72
4-Ethyltoluene
Concen: 8.905 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.013 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion: 105 Resp: 3329319
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.0
91 13.8 11.1 16.7
77 15.1 12.1 18.1

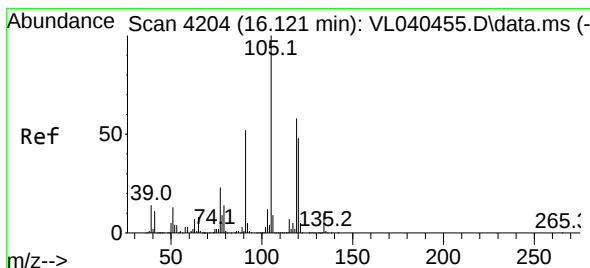
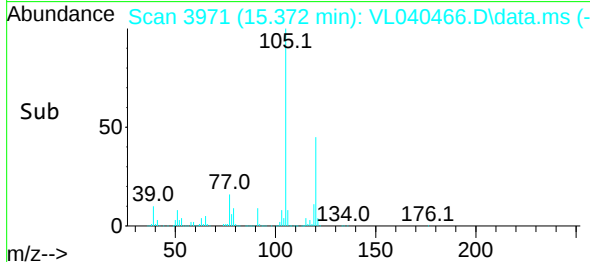
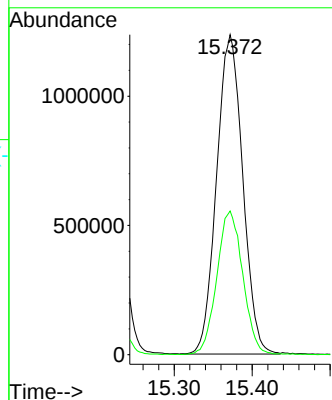
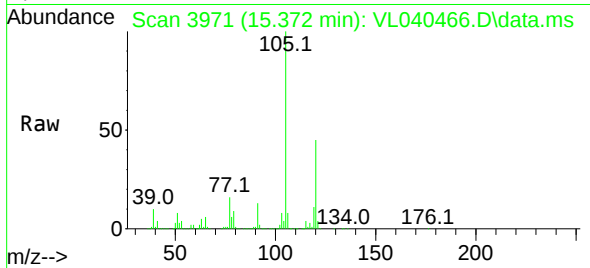




#73
1,3,5-Trimethylbenzene
Concen: 8.701 ppbv
RT: 15.372 min Scan# 3968
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

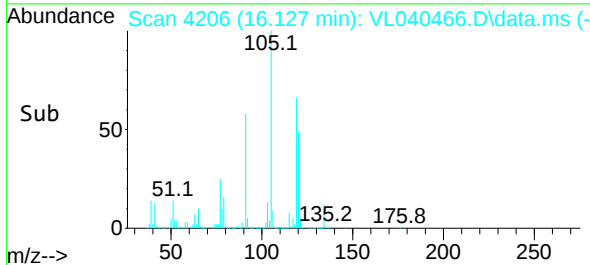
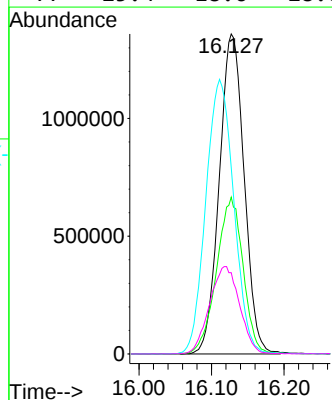
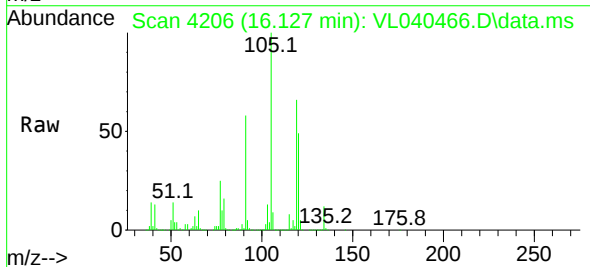
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

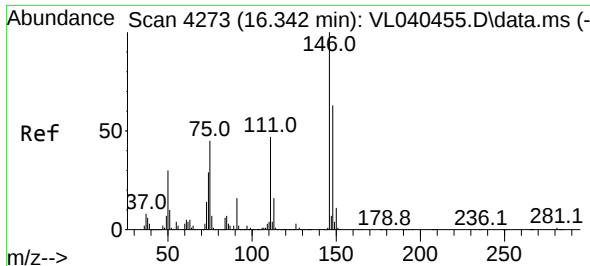
Tgt Ion:105 Resp: 2875274
Ion Ratio Lower Upper
105 100
120 44.9 36.4 54.6



#74
1,2,4-Trimethylbenzene
Concen: 8.326 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.007 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion:105 Resp: 3236689
Ion Ratio Lower Upper
105 100
120 49.0 38.4 57.6
91 58.0 41.3 61.9
77 25.4 18.6 28.0

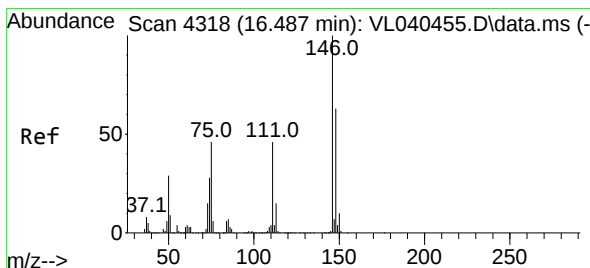
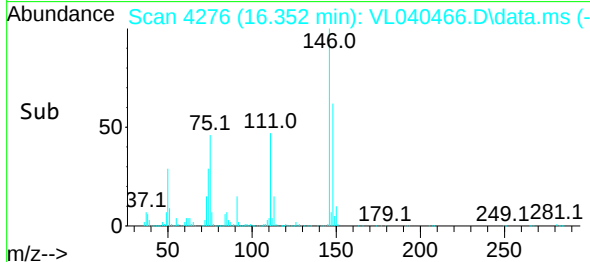
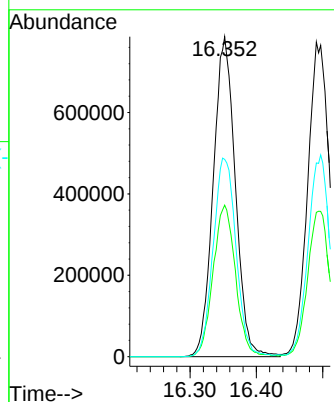
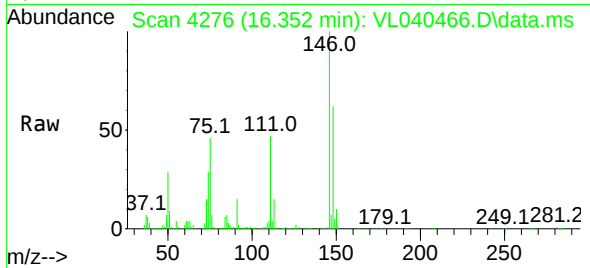




#75
1,3-Dichlorobenzene
Concen: 8.332 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

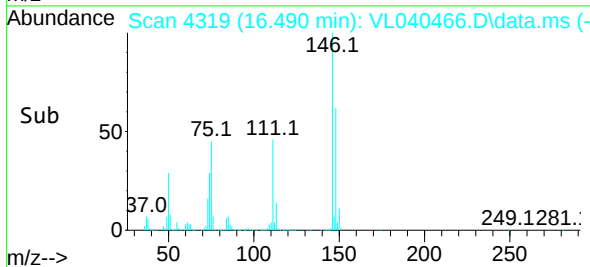
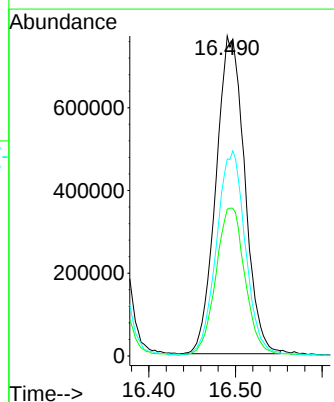
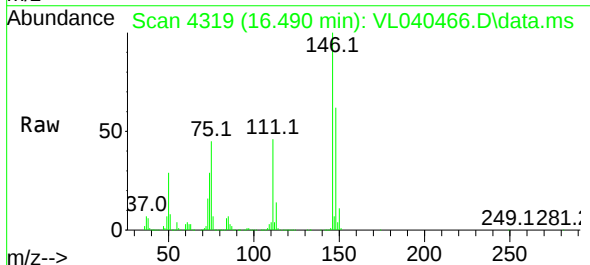
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

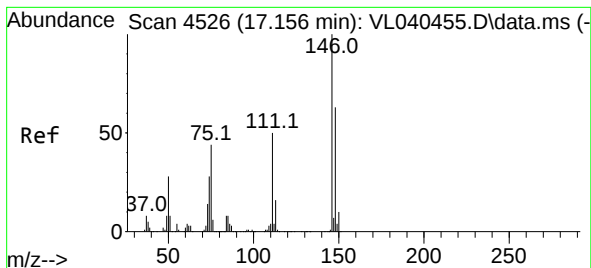
Tgt Ion:146 Resp: 1816976
Ion Ratio Lower Upper
146 100
111 48.2 24.6 73.8
148 64.4 32.4 97.2



#76
1,4-Dichlorobenzene
Concen: 8.348 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.003 min
Lab File: VL040466.D
Acq: 15 Jun 2023 13:55

Tgt Ion:146 Resp: 1770263
Ion Ratio Lower Upper
146 100
111 48.3 23.8 71.5
148 65.9 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 8.193 ppbv

RT: 17.162 min Scan# 4526

Delta R.T. 0.007 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

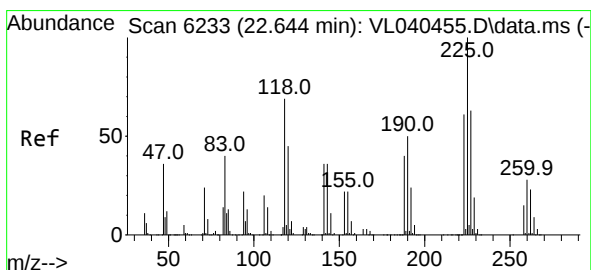
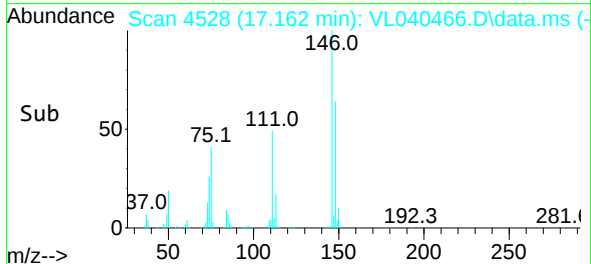
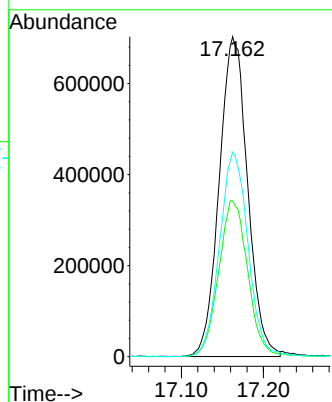
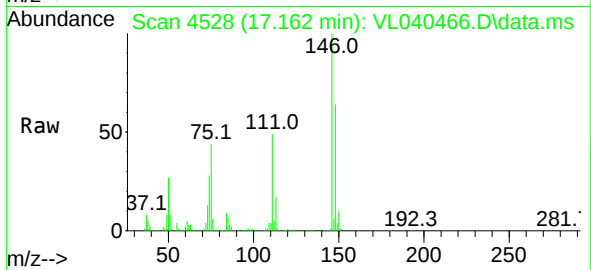
Tgt Ion:146 Resp: 1687876

Ion Ratio Lower Upper

146 100

111 50.0 25.1 75.3

148 64.7 32.0 96.2



#78

Hexachloro-1,3-Butadiene

Concen: 7.592 ppbv

RT: 22.657 min Scan# 6237

Delta R.T. 0.013 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

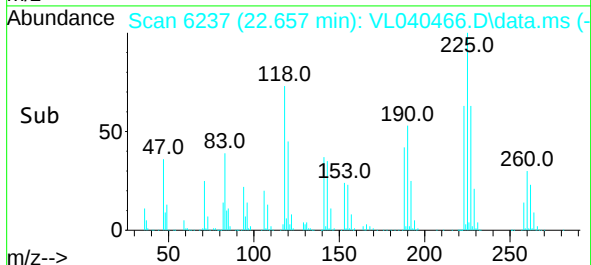
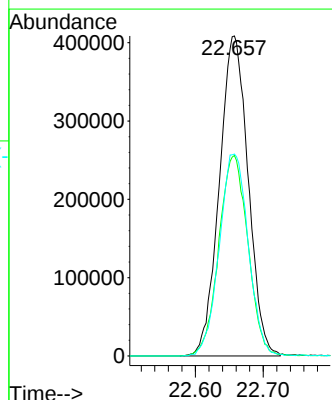
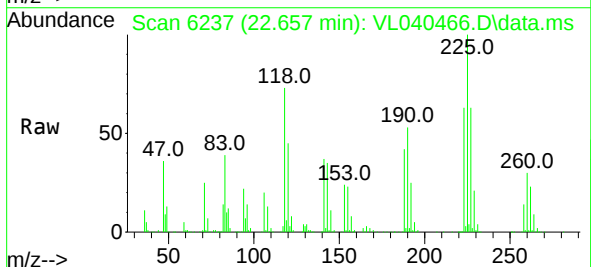
Tgt Ion:225 Resp: 1206297

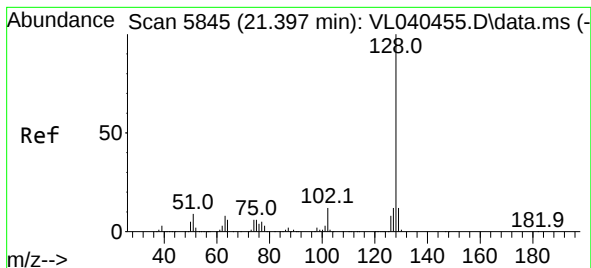
Ion Ratio Lower Upper

225 100

223 63.4 50.0 75.0

227 63.7 50.9 76.3





#79

Naphthalene

Concen: 10.558 ppbv

RT: 21.407 min Scan# 5848

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

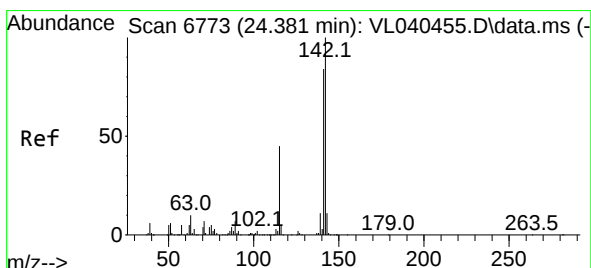
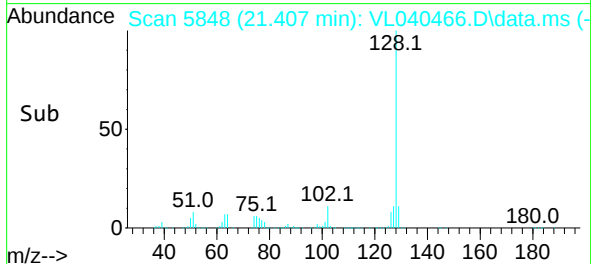
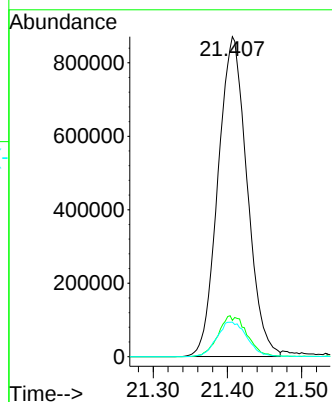
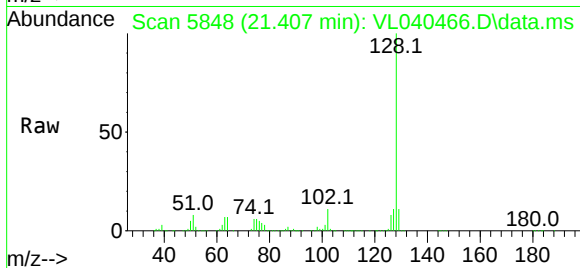
Tgt Ion:128 Resp: 2364093

Ion Ratio Lower Upper

128 100

127 11.4 9.9 14.9

129 10.8 9.2 13.8



#80

Naphthalene,2-methyl-

Concen: 10.217 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.010 min

Lab File: VL040466.D

Acq: 15 Jun 2023 13:55

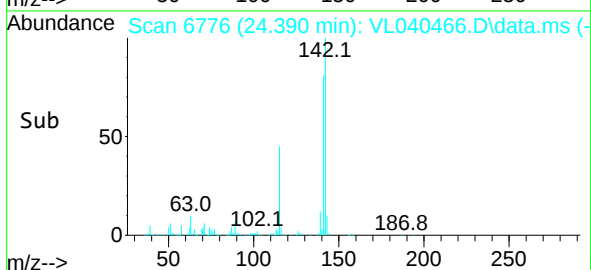
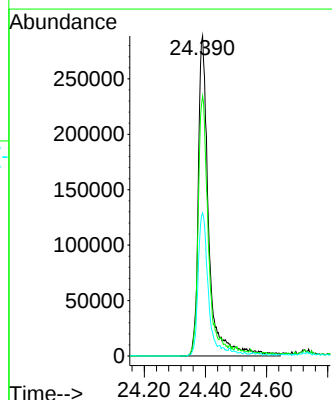
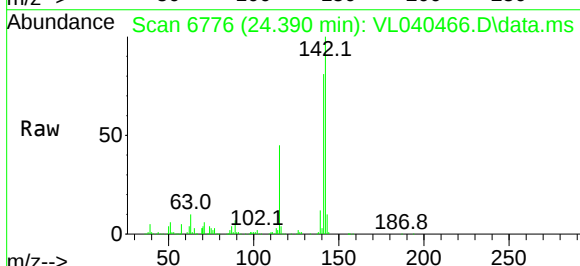
Tgt Ion:142 Resp: 686459

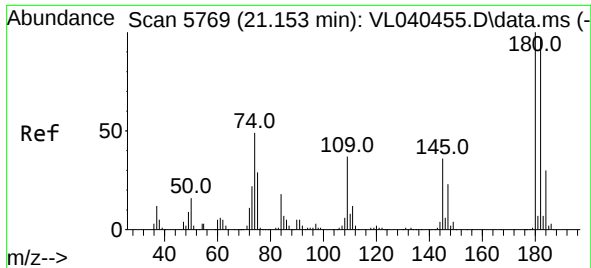
Ion Ratio Lower Upper

142 100

141 80.5 65.4 98.0

115 45.3 36.6 55.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.846 ppbv
 RT: 21.162 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL040466.D
 Acq: 15 Jun 2023 13:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

Tgt Ion:180 Resp: 1365679

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.2	115.8
184	30.5	24.4	36.6

