

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040462.D
 Acq On : 5 Jun 2023 20:27
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL060523

Quant Time: Jun 06 06:24:53 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	5.189	49	1068255	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2728412	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2673268	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2029308	9.198	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	2118108	9.110	ppbv	99
3) Chlorodifluoromethane	2.661	51	1673809	9.567	ppbv	98
4) Chloromethane	2.803	50	653929	9.655	ppbv	99
5) Vinyl Chloride	2.909	62	723377	10.702	ppbv	99
6) Bromomethane	3.108	94	335691	9.594	ppbv	98
7) Chloroethane	3.186	64	243792	9.658	ppbv	94
8) Dichlorotetrafluoroethane	2.845	85	1720757	9.372	ppbv	99
9) Propene	2.681	41	526682	9.762	ppbv	96
10) Heptane	7.581	43	1341707	10.987	ppbv	100
11) Trichlorofluoromethane	3.552	101	1742573	9.204	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1270110	9.604	ppbv	100
13) Ethanol	3.227	45	117831	10.546	ppbv	96
14) Bromoethene	3.356	108	515397	9.317	ppbv	96
15) Acetone	3.459	43	1146835	8.901	ppbv	98
16) 1,3-Butadiene	2.973	39	632908	10.092	ppbv	98
17) tert-Butyl alcohol	3.867	59	1108708	10.467	ppbv	98
18) 1,1-Dichloroethene	3.874	96	583649	9.905	ppbv	99
19) Isopropyl Alcohol	3.565	45	642159	10.340	ppbv #	97
20) Methylene Chloride	3.925	84	508851	9.253	ppbv	97
21) Allyl Chloride	3.989	41	758228	10.418	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	611983	10.122	ppbv	94
23) Vinyl Acetate	4.620	43	1375959	10.933	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1226668	9.717	ppbv	99
25) Ethyl Acetate	5.198	43	2345041	10.044	ppbv	100
26) Hexane	5.208	57	1117015	10.104	ppbv	95
27) Carbon Disulfide	4.118	76	1501542	10.859	ppbv	100
28) Methyl tert-Butyl Ether	4.578	73	905075	10.634	ppbv	98
29) Chloroform	5.272	83	1820266	9.666	ppbv	98
30) Cyclohexane	6.600	84	921616	10.345	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1109578	10.490	ppbv	94
32) 1,1,1-Trichloroethane	6.002	97	1852778	9.967	ppbv	100
34) 2-Butanone	4.780	43	1210716	9.202	ppbv	99
35) Carbon Tetrachloride	6.494	117	1886518	10.146	ppbv	98
36) Benzene	6.372	78	2306928	10.630	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1383825	9.787	ppbv	99
38) Trichloroethene	7.291	130	921806	11.211	ppbv	96
39) 1,2-Dichloropropane	7.073	63	858945	10.267	ppbv	95
40) 1,4-Dioxane	7.288	88	237898	10.039	ppbv #	100
41) Tetrahydrofuran	5.552	42	800530	11.132	ppbv	100
42) Bromodichloromethane	7.250	83	1979348	10.166	ppbv	99
43) Methyl Methacrylate	7.475	69	899100	11.532	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3686851	10.395	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	725518	12.603	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
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Instrument :
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 ICVVL060523

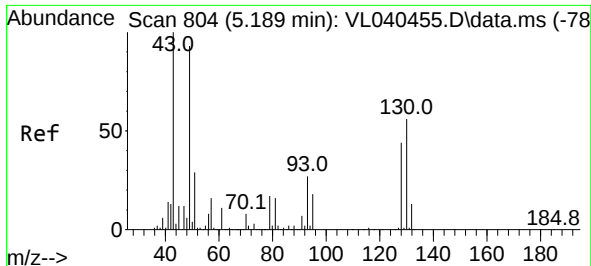
Quant Time: Jun 06 06:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	830887	11.840	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	942972	10.255	ppbv	97
48) Dibromochloromethane	9.716	129	1574380	10.710	ppbv	99
49) Bromoform	12.413	173	1198955	10.780	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	1901012	10.788	ppbv	99
51) 2-Hexanone	9.555	43	1367137	11.175	ppbv #	97
52) Tetrachloroethene	10.619	164	780387	11.452	ppbv	96
53) Toluene	9.227	91	2578951	11.282	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1379469	11.444	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.516	131	1174945	9.351	ppbv	98
57) Chlorobenzene	11.536	112	1967358	9.737	ppbv	98
58) Ethyl Benzene	12.095	91	3492410	10.782	ppbv	99
59) m/p-Xylene	12.378	91	3216586	10.806	ppbv #	39
60) o-Xylene	13.066	91	2892072	10.243	ppbv	100
61) Styrene	12.902	104	1476337	12.150	ppbv	99
62) Isopropylbenzene	14.037	105	4161731	9.916	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	1773686	9.702	ppbv	99
64) n-propylbenzene	14.925	120	1071519	10.055	ppbv	98
65) tert-Butylbenzene	16.098	119	3569143	9.912	ppbv	99
66) Benzyl Chloride	16.336	91	291224	10.495	ppbv	99
67) sec-Butylbenzene	16.645	105	5140755	9.791	ppbv	100
69) p-Isopropyltoluene	17.005	119	4215756	10.103	ppbv	99
70) n-Butylbenzene	17.896	91	4658700	10.002	ppbv	100
71) 2-Chlorotoluene	14.809	91	3251344	10.432	ppbv	100
72) 4-Ethyltoluene	15.201	105	3369607	10.596	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2906796	10.342	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	3231729	9.774	ppbv	99
75) 1,3-Dichlorobenzene	16.339	146	1831654	9.875	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1791759	9.934	ppbv	100
77) 1,2-Dichlorobenzene	17.153	146	1685971	9.622	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	1201659	8.892	ppbv	99
79) Naphthalene	21.394	128	2470530	12.972	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	864313	15.124	ppbv	99
81) 1,2,4-Trichlorobenzene	21.149	180	1400390	11.871	ppbv	100

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

Quant Time: Jun 06 06:24:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

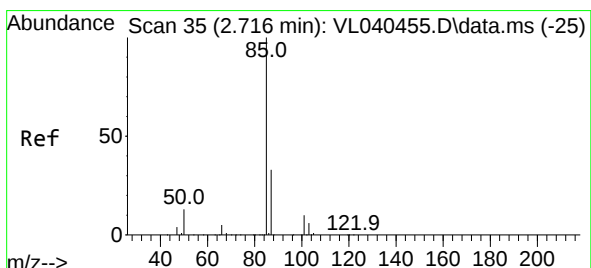
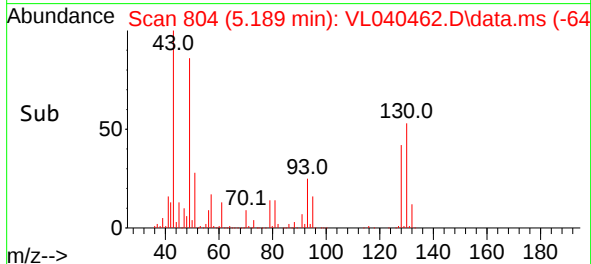
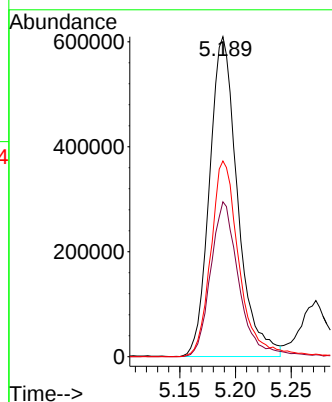
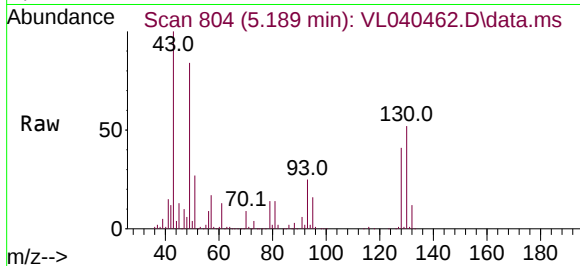




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

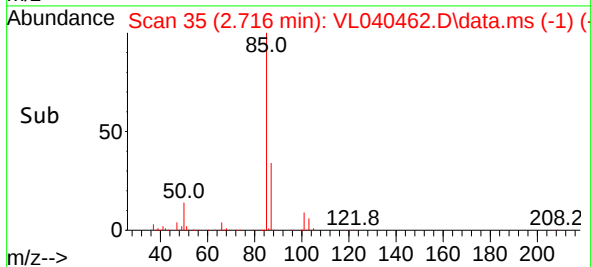
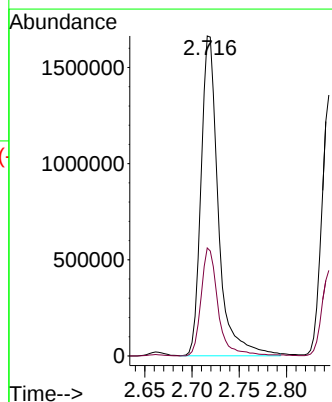
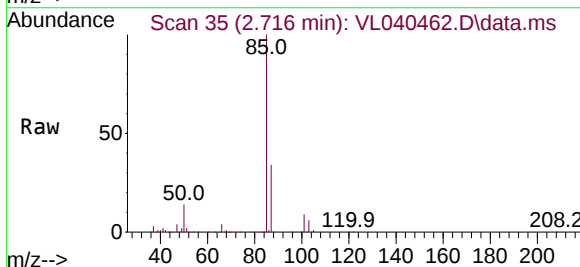
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MSVOA_L
ClientSampleId :
ICVVL060523

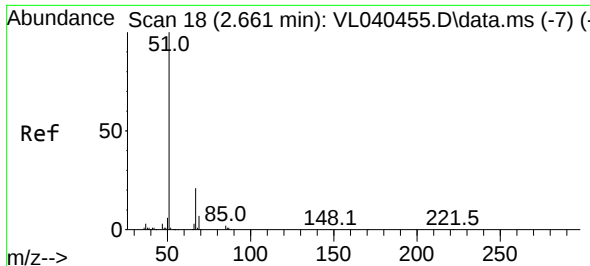
Tgt Ion: 49 Resp: 1068255
Ion Ratio Lower Upper
49 100
128 49.3 24.7 74.1
130 62.6 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 9.110 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 85 Resp: 2118108
Ion Ratio Lower Upper
85 100
87 33.7 26.6 39.8

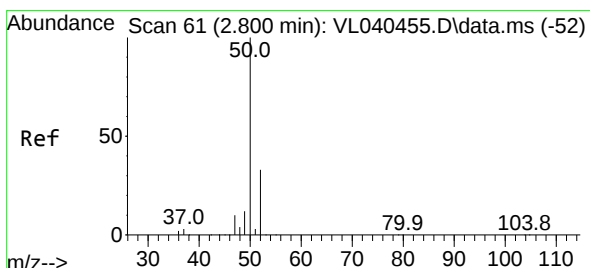
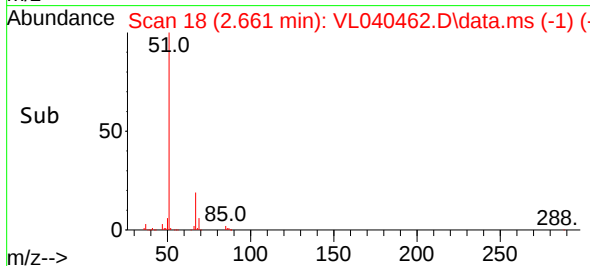
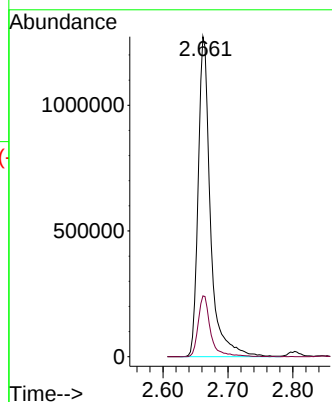
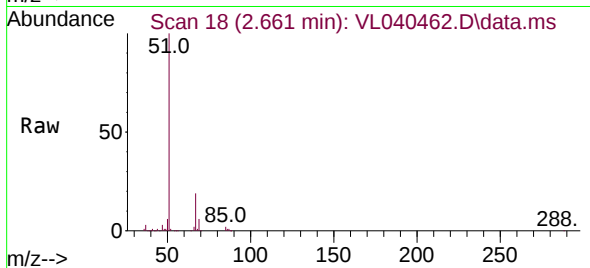




#3
Chlorodifluoromethane
Concen: 9.567 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

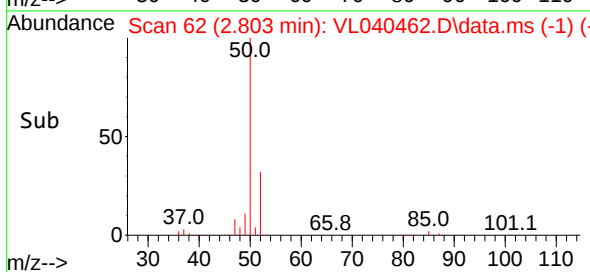
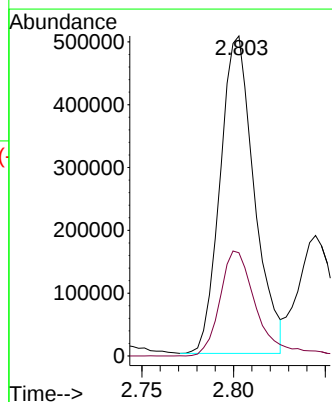
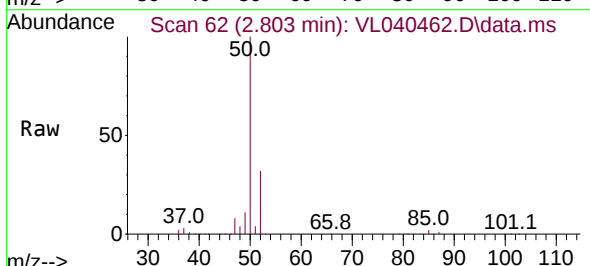
Instrument :
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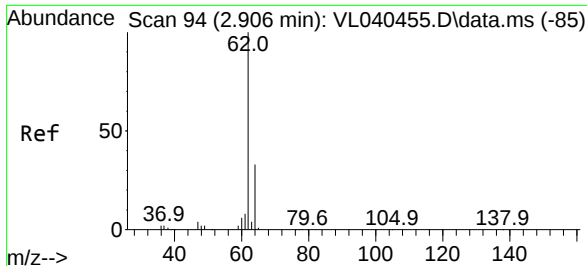
Tgt Ion: 51 Resp: 1673809
Ion Ratio Lower Upper
51 100
67 19.3 16.3 24.5



#4
Chloromethane
Concen: 9.655 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 50 Resp: 653929
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5

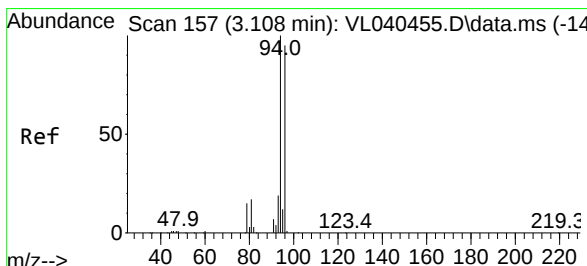
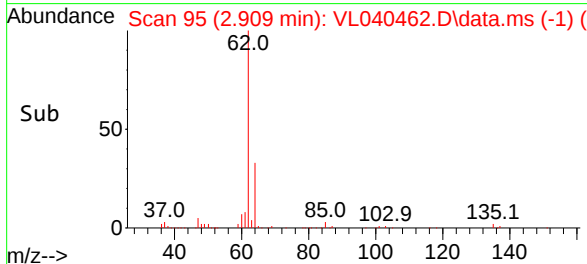
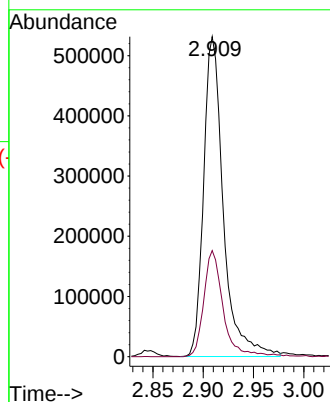
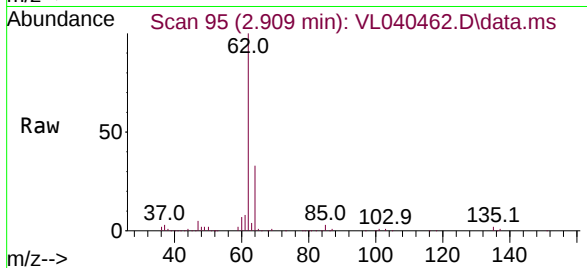




#5
 Vinyl Chloride
 Concen: 10.702 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

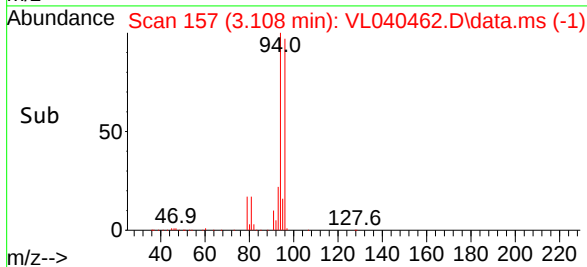
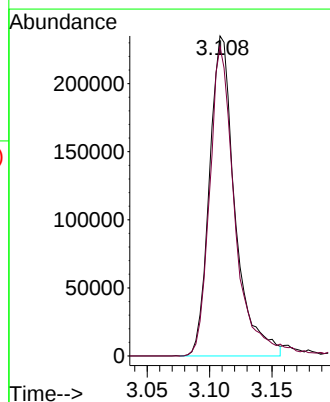
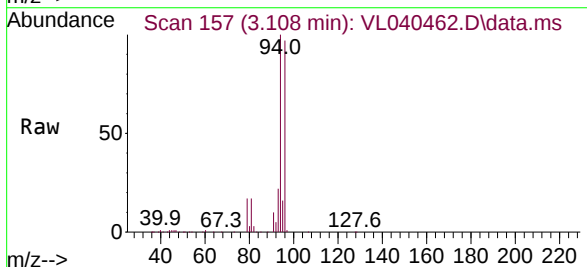
Instrument :
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 ClientSampleId :
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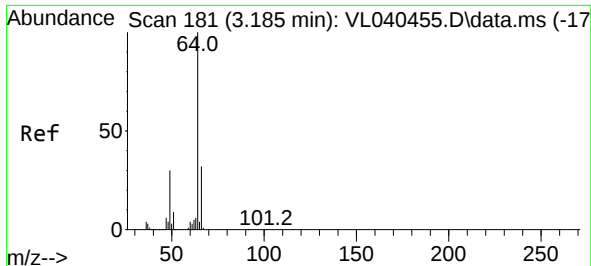
Tgt Ion: 62 Resp: 723377
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.8 40.2



#6
 Bromomethane
 Concen: 9.594 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Tgt Ion: 94 Resp: 335691
 Ion Ratio Lower Upper
 94 100
 96 96.7 75.8 113.8

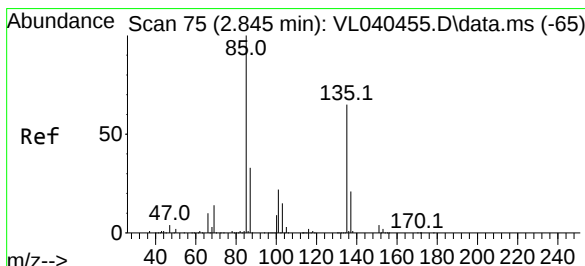
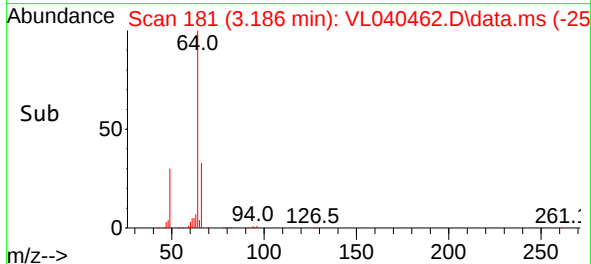
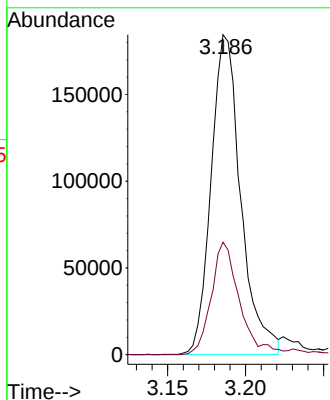
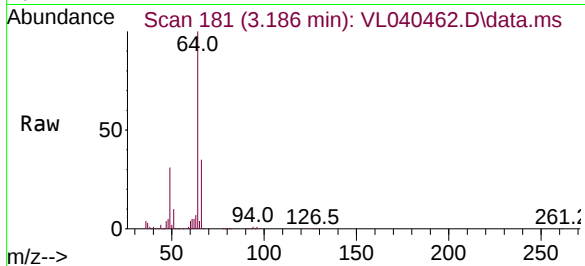




#7
Chloroethane
Concen: 9.658 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

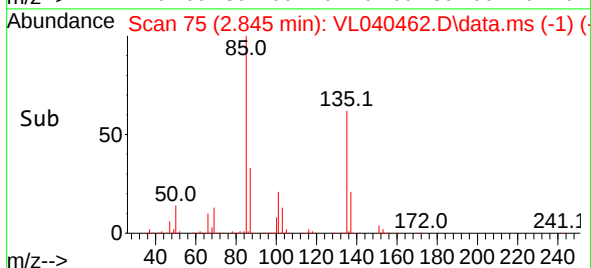
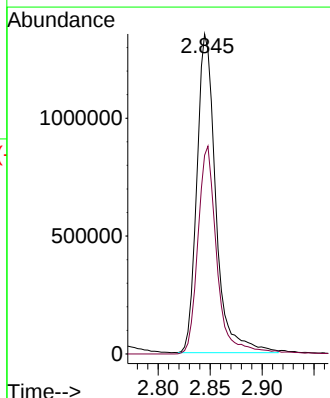
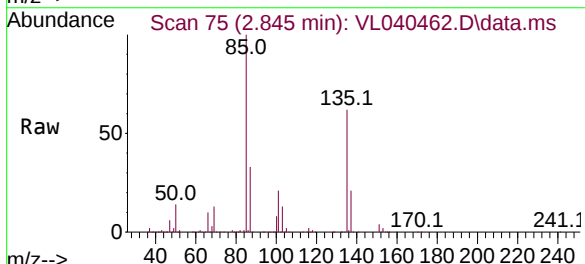
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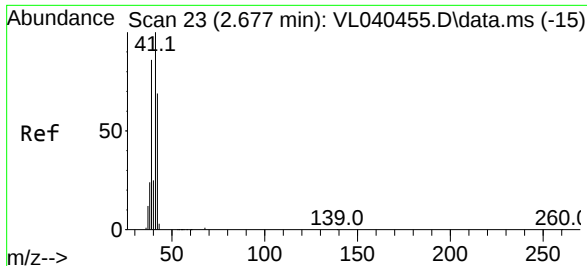
Tgt Ion: 64 Resp: 243792
Ion Ratio Lower Upper
64 100
66 35.1 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.372 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 85 Resp: 1720757
Ion Ratio Lower Upper
85 100
135 65.9 52.0 78.0





#9

Propene

Concen: 9.762 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

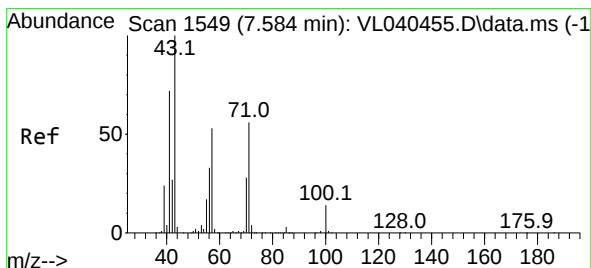
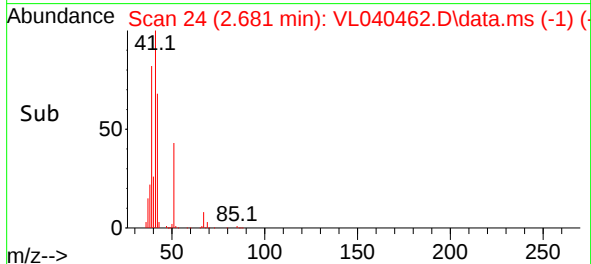
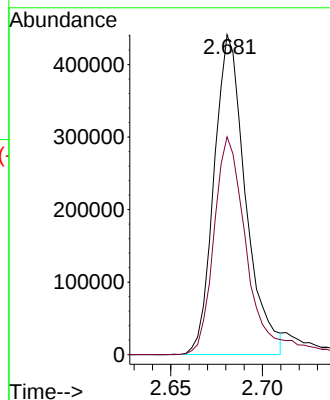
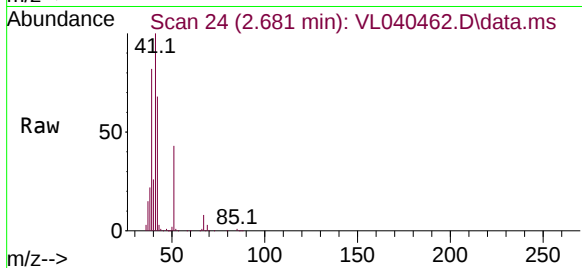
ICVVL060523

Tgt Ion: 41 Resp: 526682

Ion Ratio Lower Upper

41 100

42 73.5 56.2 84.2



#10

Heptane

Concen: 10.987 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.003 min

Lab File: VL040462.D

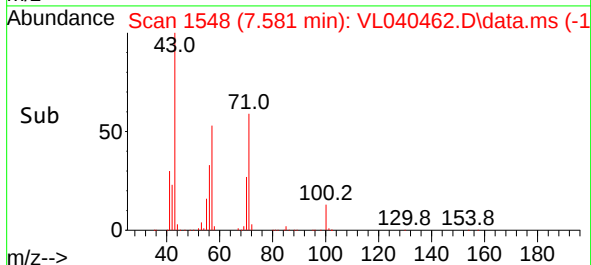
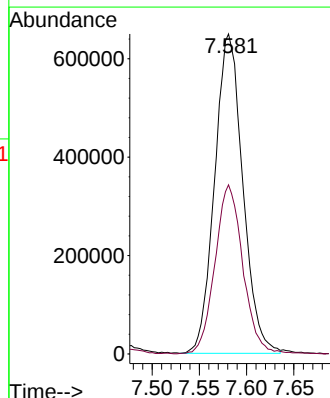
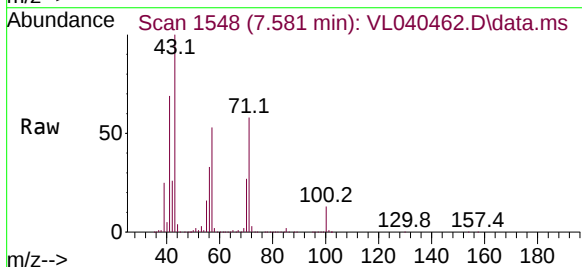
Acq: 5 Jun 2023 20:27

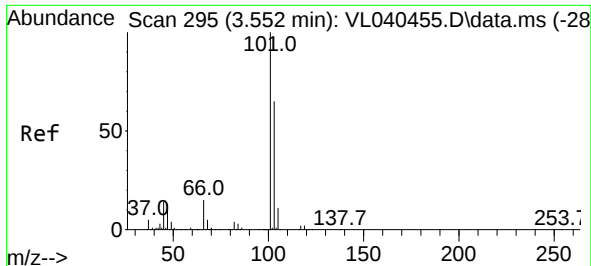
Tgt Ion: 43 Resp: 1341707

Ion Ratio Lower Upper

43 100

57 52.8 42.5 63.7

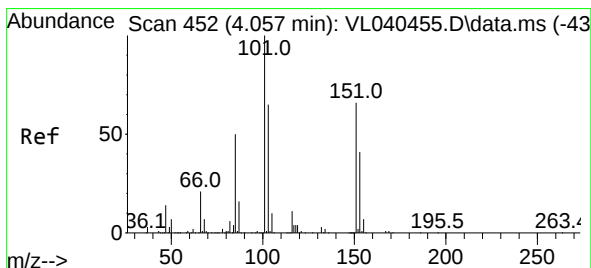
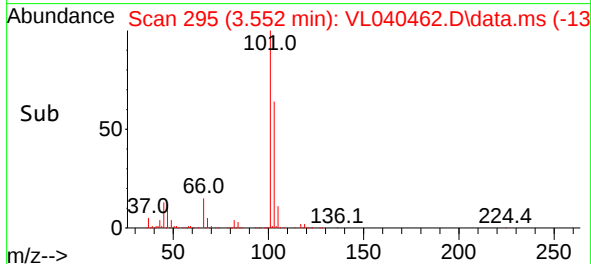
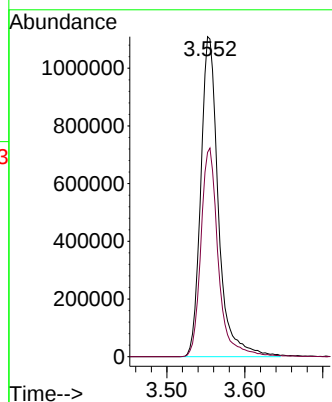
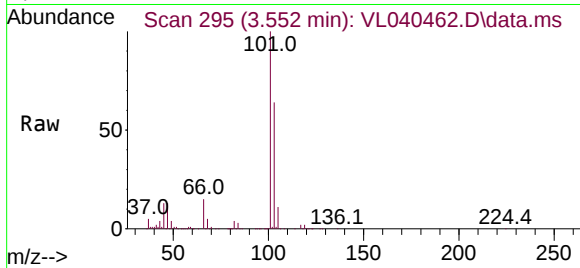




#11
 Trichlorofluoromethane
 Concen: 9.204 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

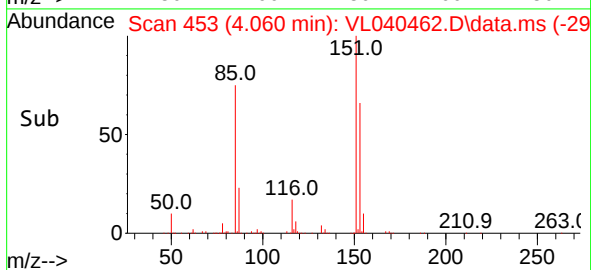
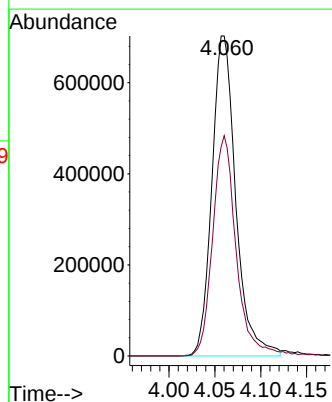
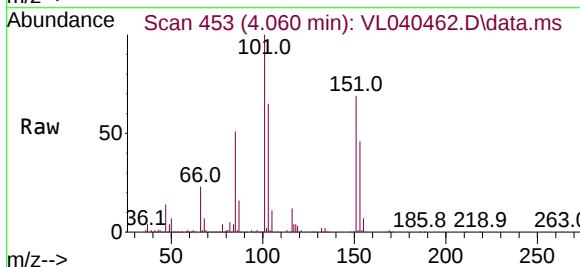
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060523

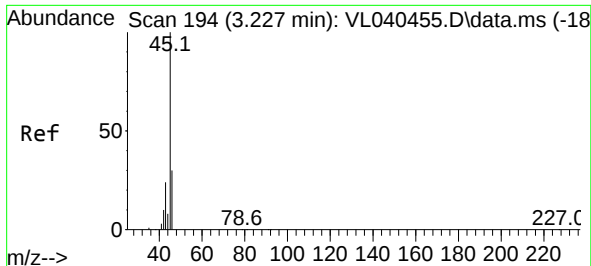
Tgt Ion:101 Resp: 1742573
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.604 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Tgt Ion:101 Resp: 1270110
 Ion Ratio Lower Upper
 101 100
 151 68.2 54.3 81.5

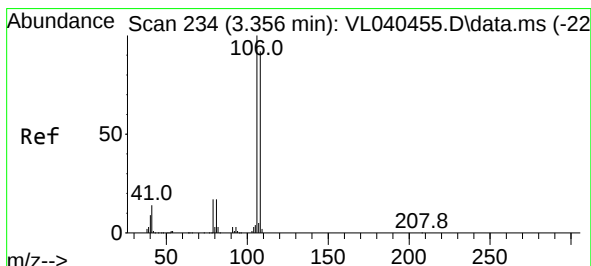
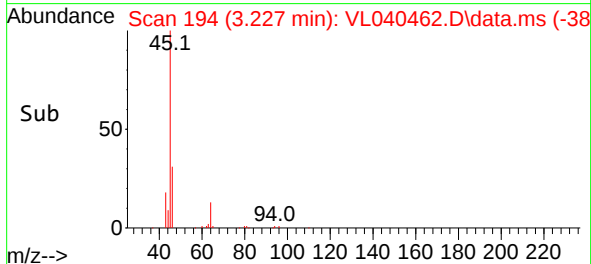
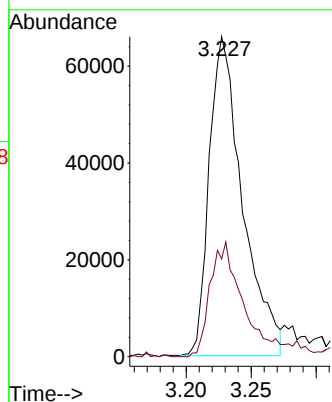
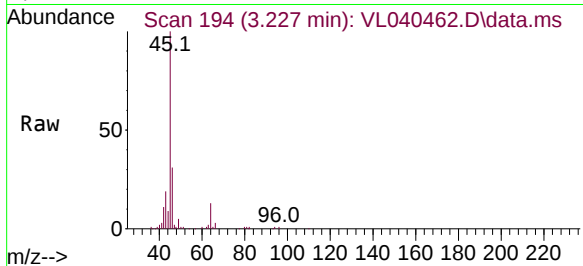




#13
Ethanol
Concen: 10.546 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

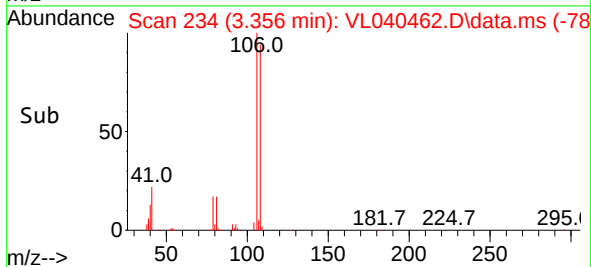
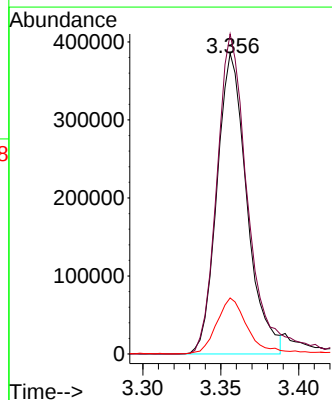
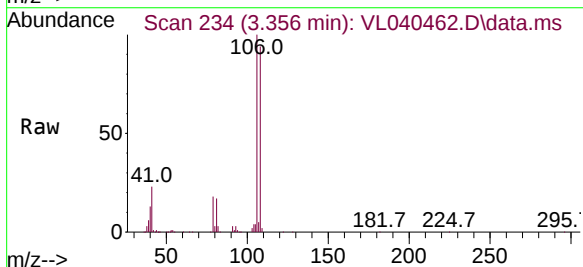
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

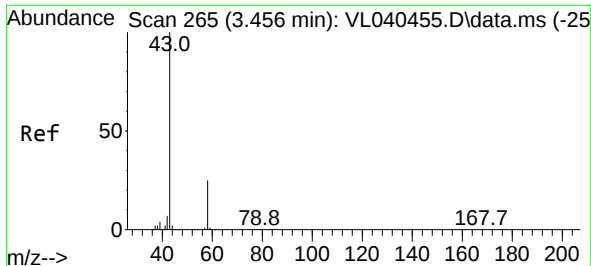
Tgt Ion: 45 Resp: 117831
Ion Ratio Lower Upper
45 100
46 38.6 14.5 58.1



#14
Bromoethene
Concen: 9.317 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 108 Resp: 515397
Ion Ratio Lower Upper
108 100
106 113.6 87.4 131.0
79 19.9 15.9 23.9

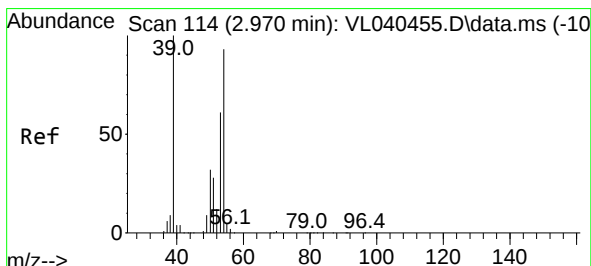
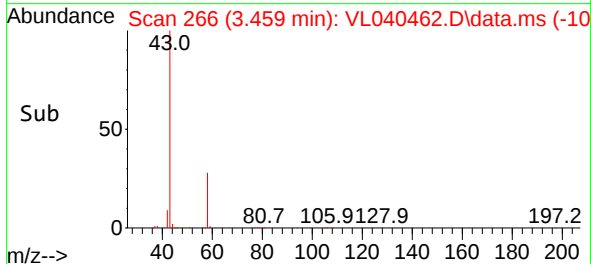
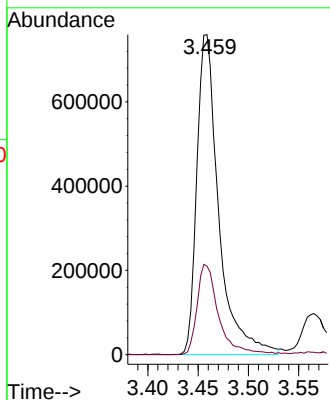
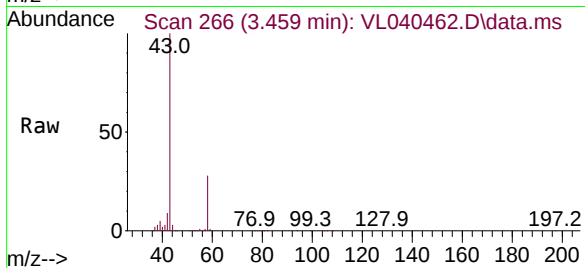




#15
Acetone
Concen: 8.901 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

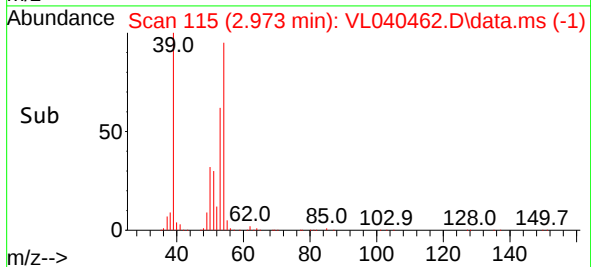
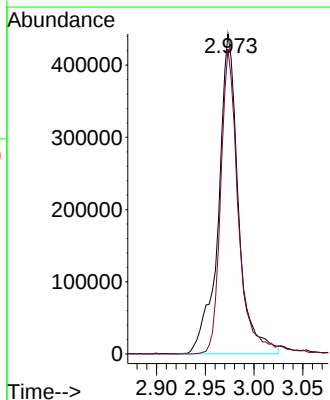
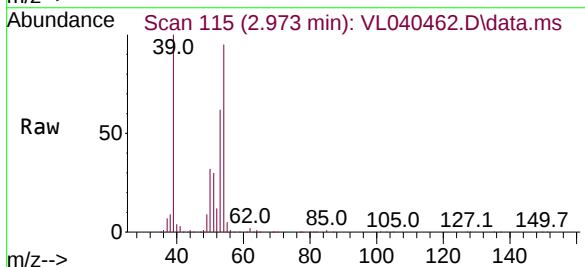
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

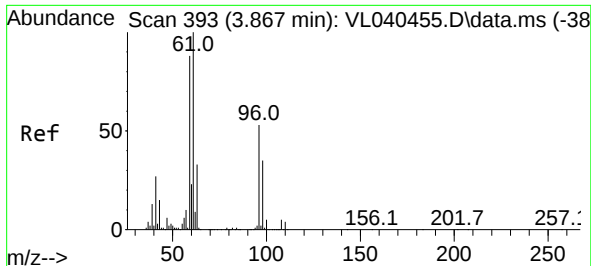
Tgt Ion: 43 Resp: 1146835
Ion Ratio Lower Upper
43 100
58 28.0 21.6 32.4



#16
1,3-Butadiene
Concen: 10.092 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 39 Resp: 632908
Ion Ratio Lower Upper
39 100
54 85.8 66.9 100.3





#17

tert-Butyl alcohol

Concen: 10.467 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

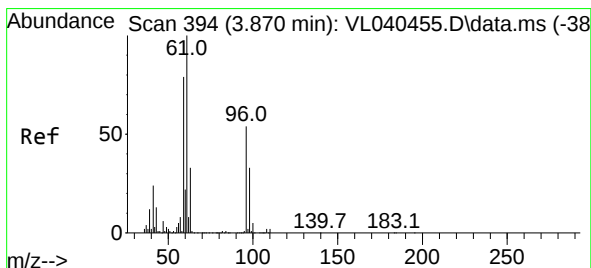
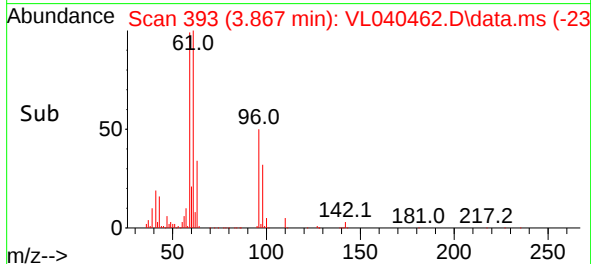
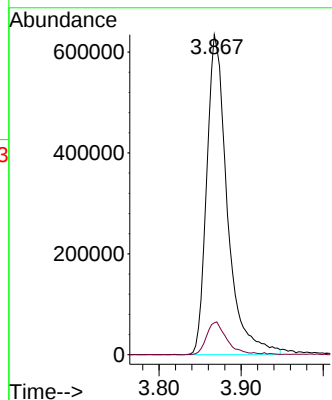
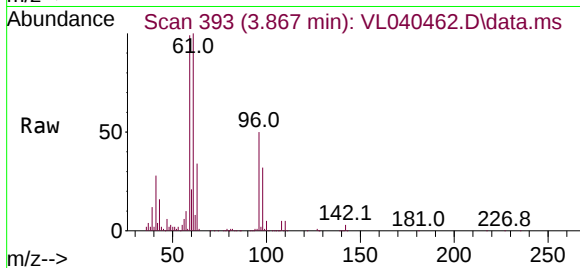
ICVVL060523

Tgt Ion: 59 Resp: 1108708

Ion Ratio Lower Upper

59 100

57 10.4 8.8 13.2



#18

1,1-Dichloroethene

Concen: 9.905 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

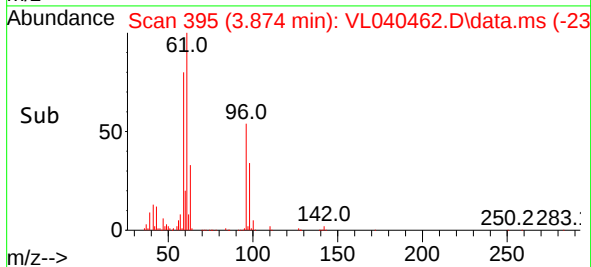
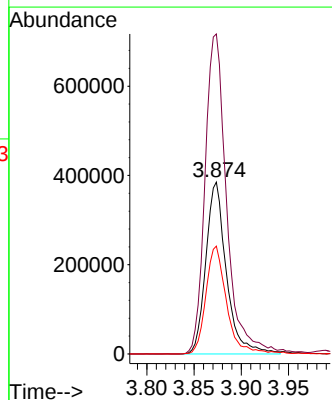
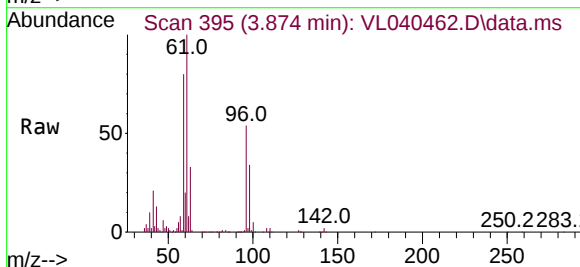
Tgt Ion: 96 Resp: 583649

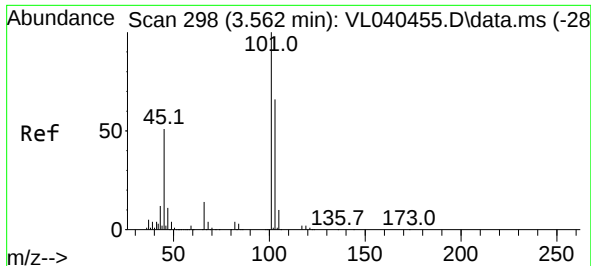
Ion Ratio Lower Upper

96 100

61 186.2 149.5 224.3

98 62.8 48.7 73.1





#19

Isopropyl Alcohol

Concen: 10.340 ppbv

RT: 3.565 min Scan# 298

Delta R.T. 0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

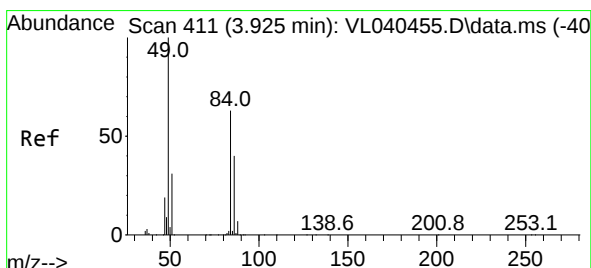
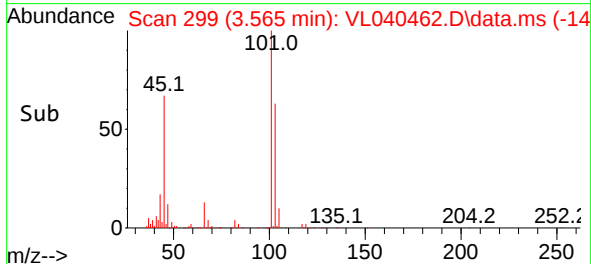
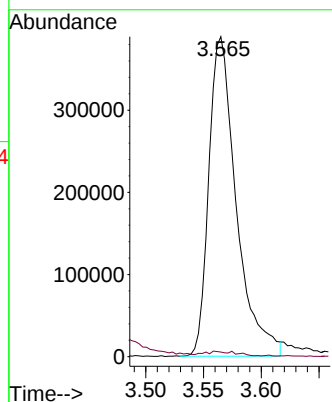
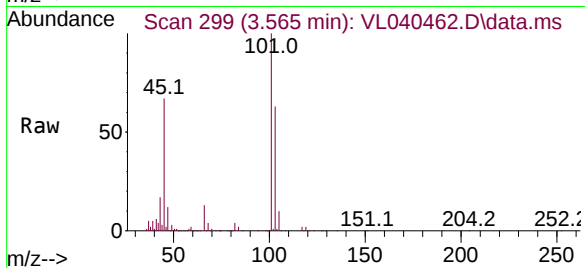
ICVVL060523

Tgt Ion: 45 Resp: 642159

Ion Ratio Lower Upper

45 100

58 2.2 2.6 4.0#



#20

Methylene Chloride

Concen: 9.253 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Tgt Ion: 84 Resp: 508851

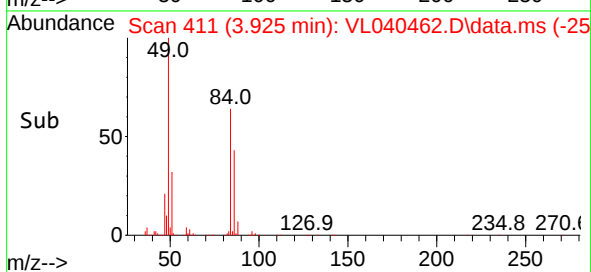
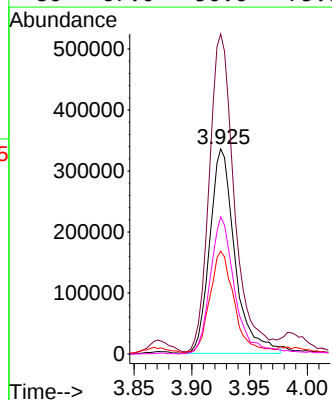
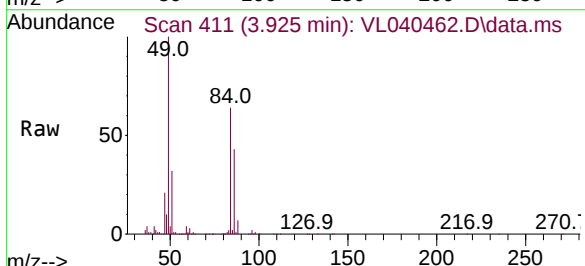
Ion Ratio Lower Upper

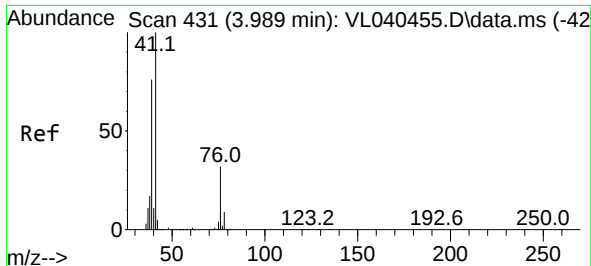
84 100

49 154.9 126.2 189.2

51 49.4 38.7 58.1

86 67.0 50.6 75.8





#21

Allyl Chloride

Concen: 10.418 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

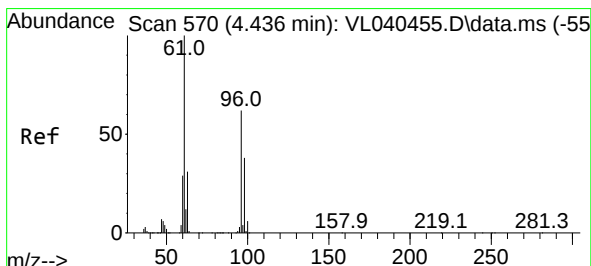
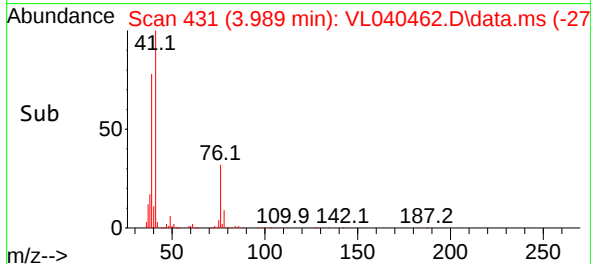
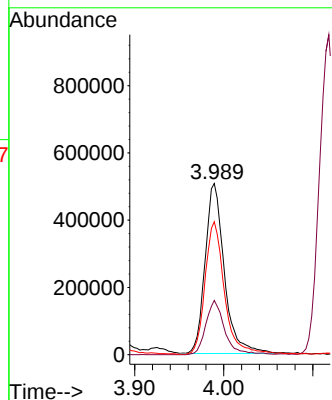
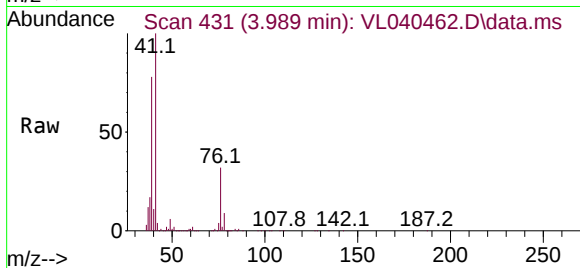
Tgt Ion: 41 Resp: 758228

Ion Ratio Lower Upper

41 100

76 31.2 26.1 39.1

39 78.2 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 10.122 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

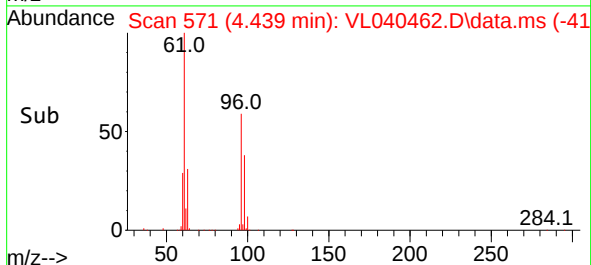
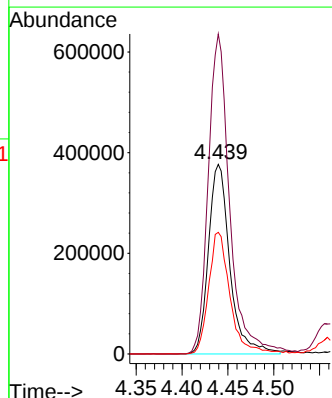
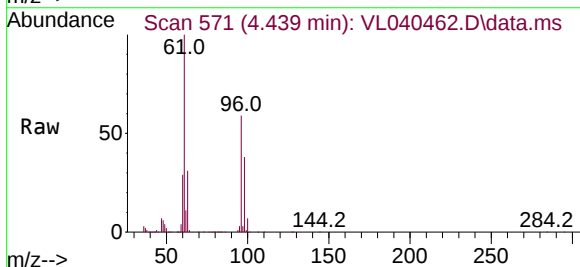
Tgt Ion: 96 Resp: 611983

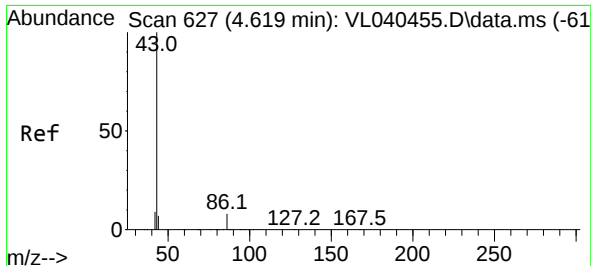
Ion Ratio Lower Upper

96 100

61 168.6 128.1 192.1

98 64.1 48.2 72.4



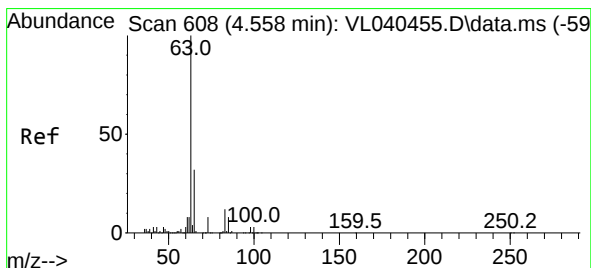
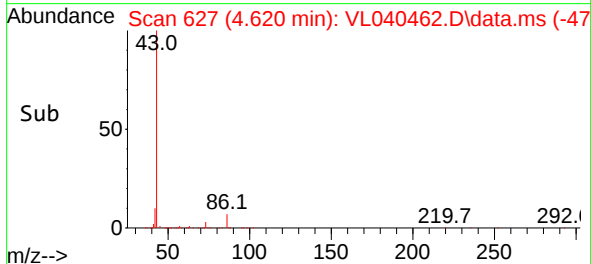
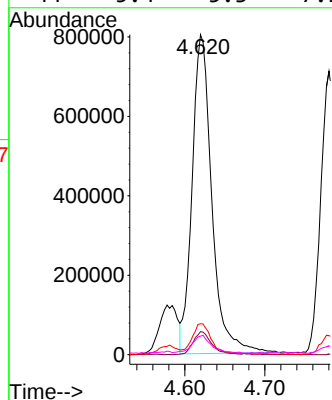
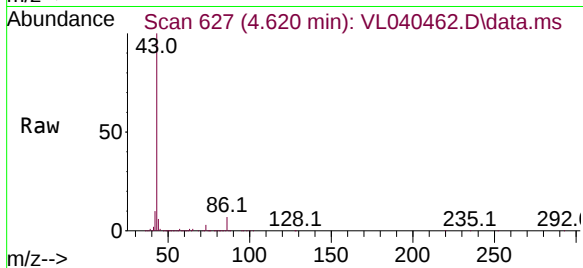


#23
 Vinyl Acetate
 Concen: 10.933 ppbv
 RT: 4.620 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL060523

Tgt Ion: 43 Resp: 1375959

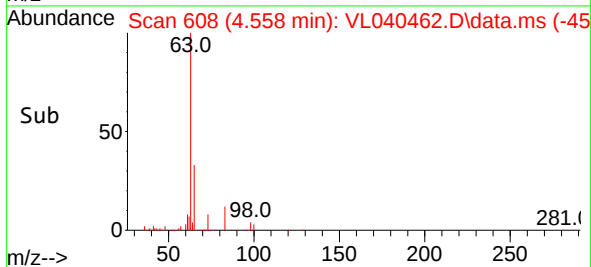
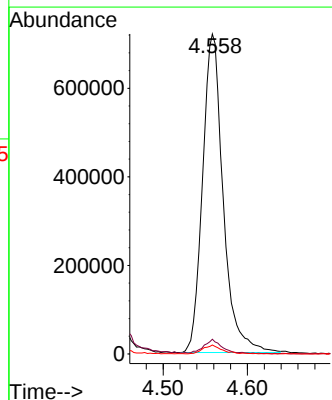
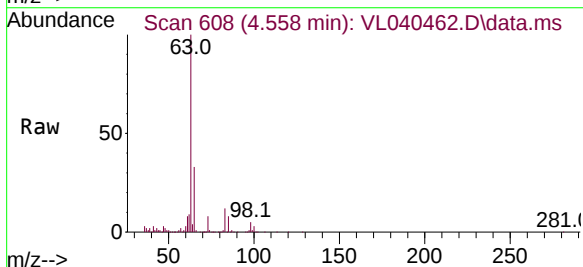
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.8	8.6
42	9.6	7.4	11.2
44	5.4	5.3	7.9

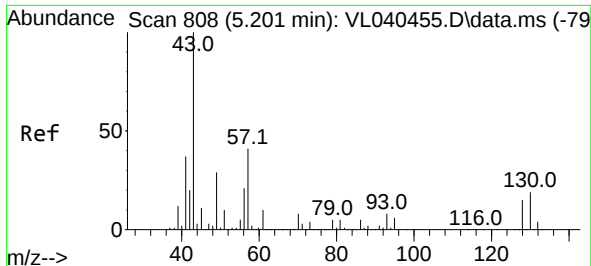


#24
 1,1-Dichloroethane
 Concen: 9.717 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Tgt Ion: 63 Resp: 1226668

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.5
100	2.8	1.4	4.0



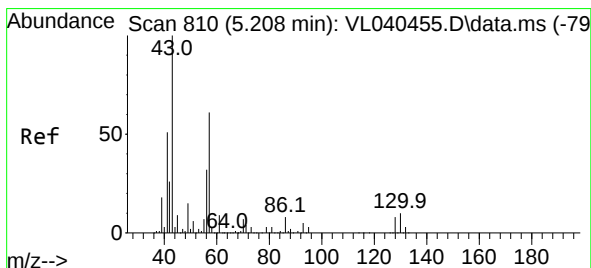
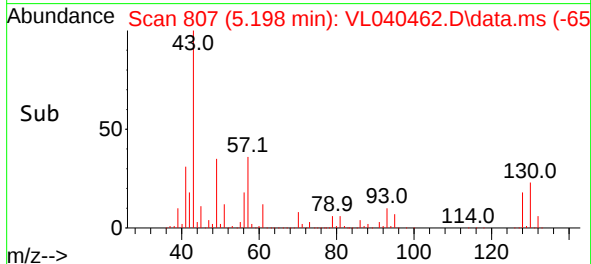
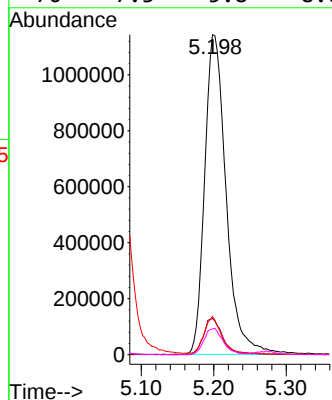
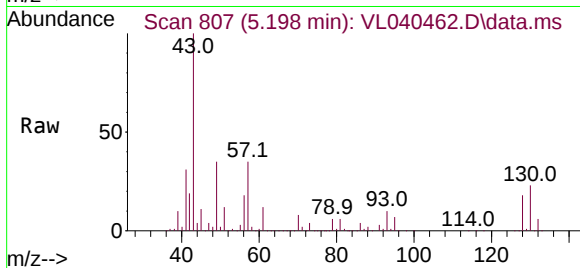


#25
Ethyl Acetate
Concen: 10.044 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

Tgt Ion: 43 Resp: 2345041

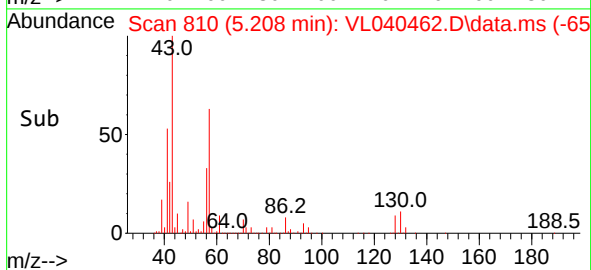
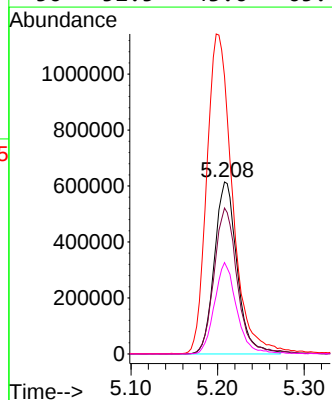
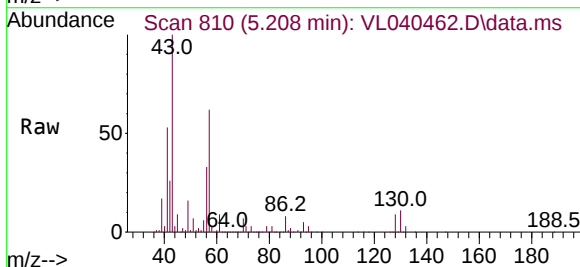
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	10.3	8.1	12.1
70	7.3	5.8	8.6

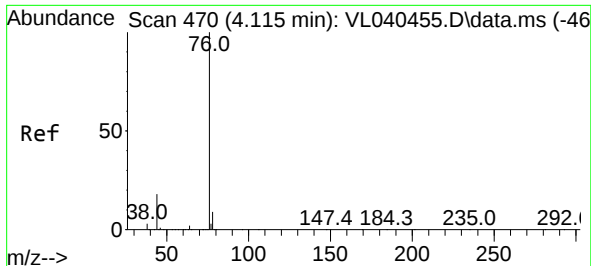


#26
Hexane
Concen: 10.104 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 57 Resp: 1117015

Ion	Ratio	Lower	Upper
57	100		
41	88.3	73.0	109.6
43	211.3	177.5	266.3
56	52.5	43.6	65.4

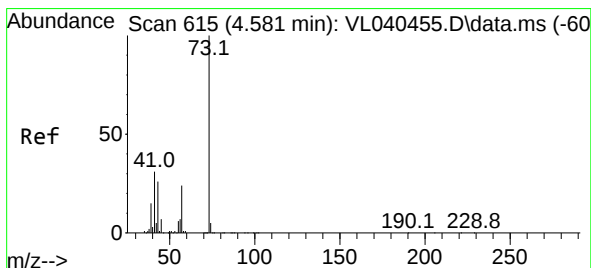
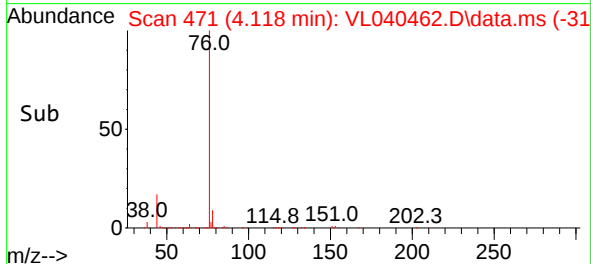
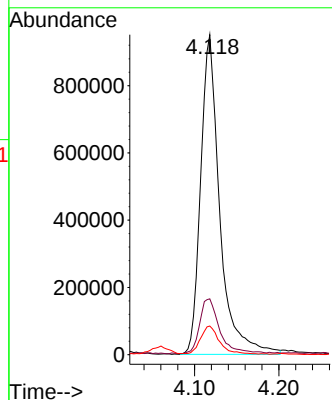
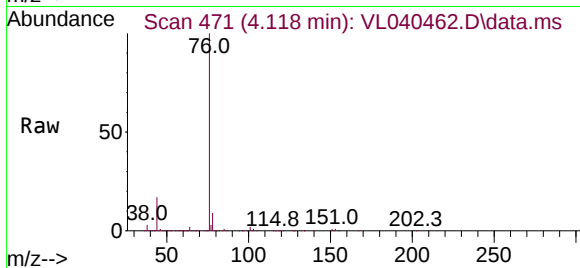




#27
Carbon Disulfide
Concen: 10.859 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

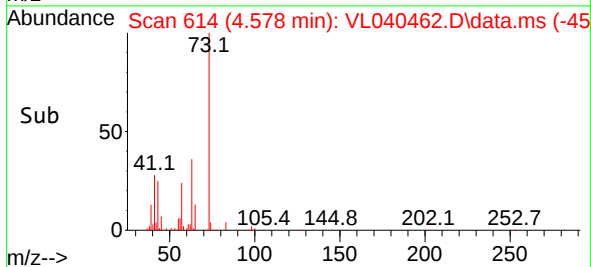
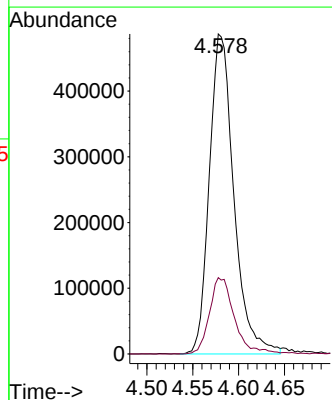
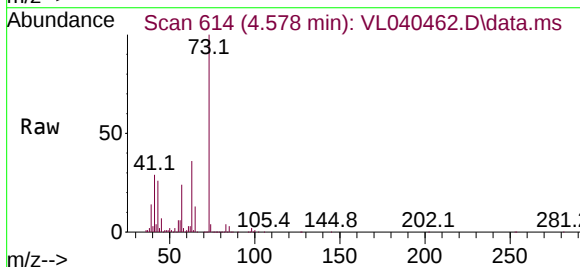
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

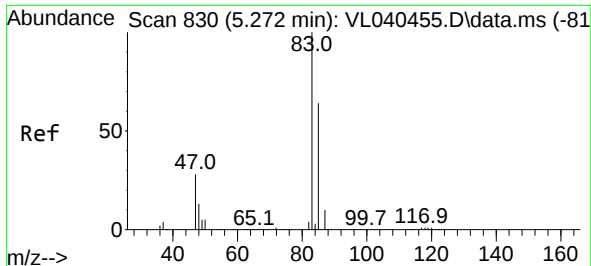
Tgt Ion: 76 Resp: 1501542
Ion Ratio Lower Upper
76 100
44 18.4 14.6 22.0
78 9.2 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 10.634 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 73 Resp: 905075
Ion Ratio Lower Upper
73 100
57 24.6 19.0 28.4





#29

Chloroform

Concen: 9.666 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

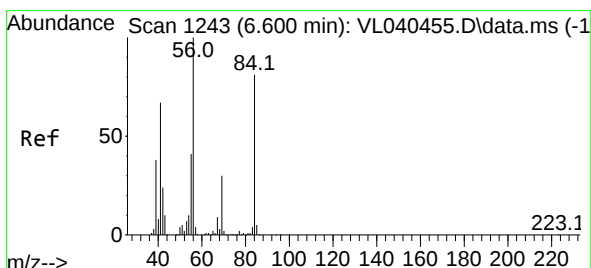
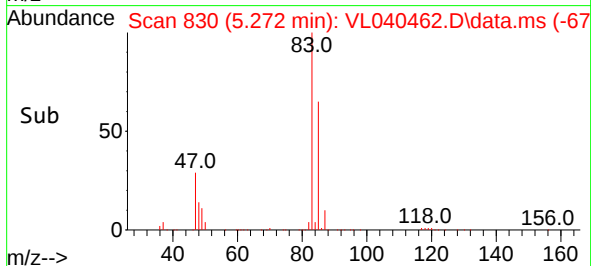
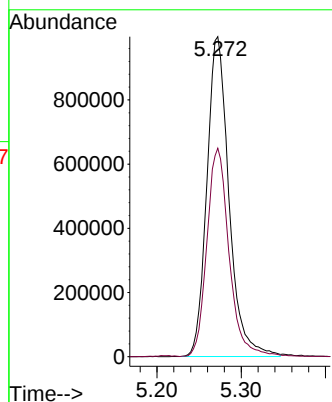
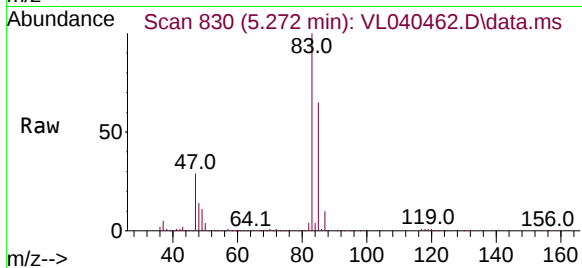
ICVVL060523

Tgt Ion: 83 Resp: 1820266

Ion Ratio Lower Upper

83 100

85 65.1 51.1 76.7



#30

Cyclohexane

Concen: 10.345 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

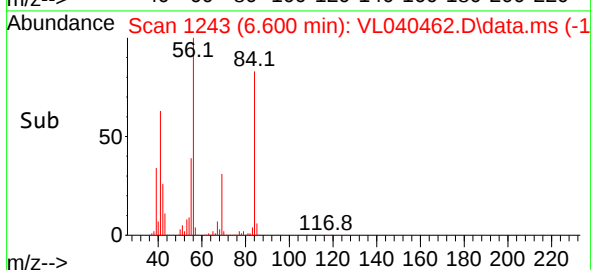
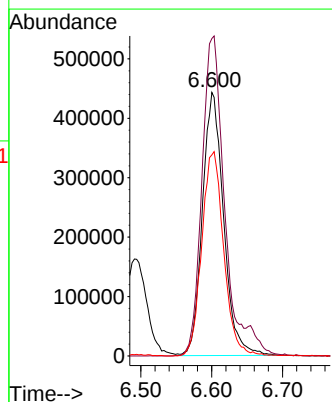
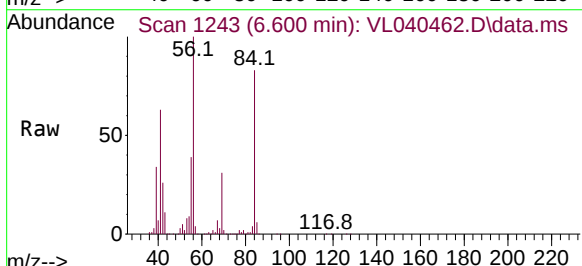
Tgt Ion: 84 Resp: 921616

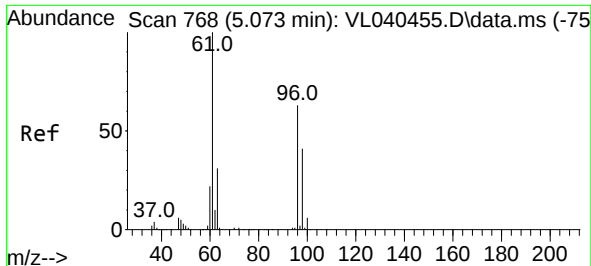
Ion Ratio Lower Upper

84 100

56 131.9 106.0 159.0

41 80.6 66.8 100.2



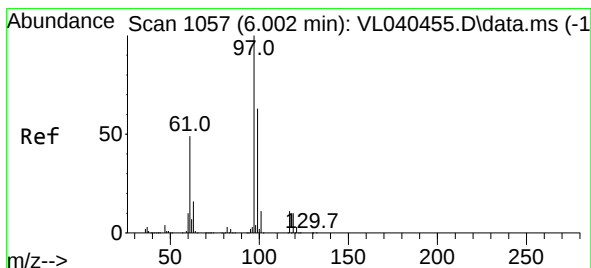
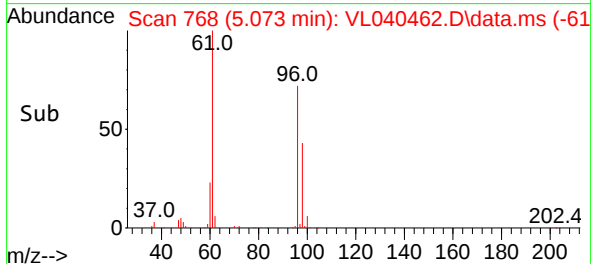
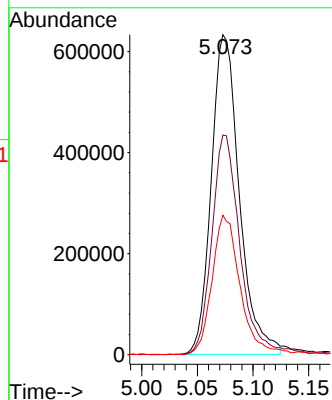
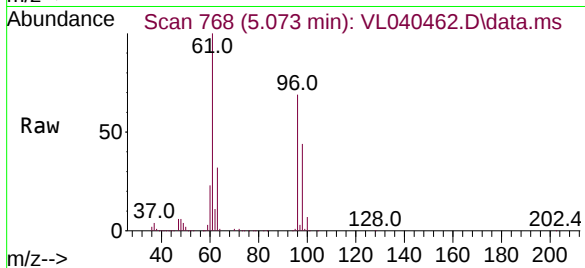


#31
 cis-1,2-Dichloroethene
 Concen: 10.490 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060523

Tgt Ion: 61 Resp: 1109578

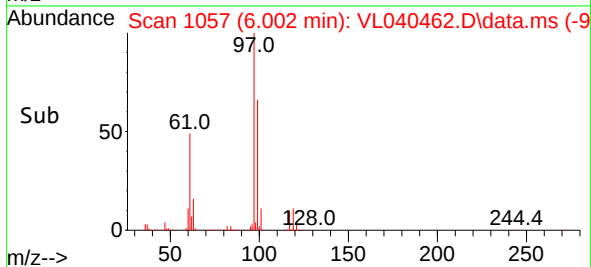
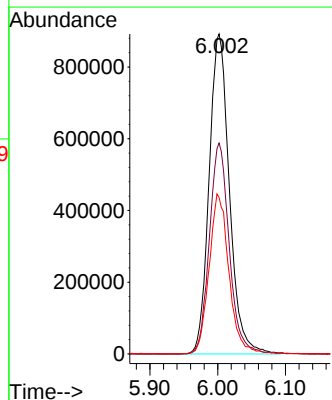
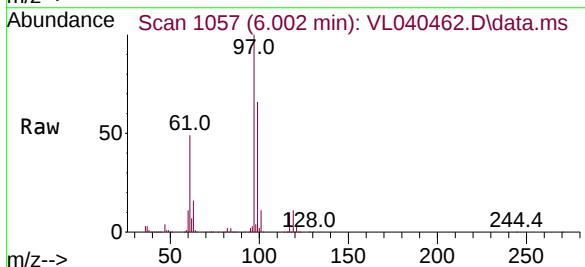
Ion	Ratio	Lower	Upper
61	100		
96	68.6	50.2	75.4
98	43.5	32.9	49.3

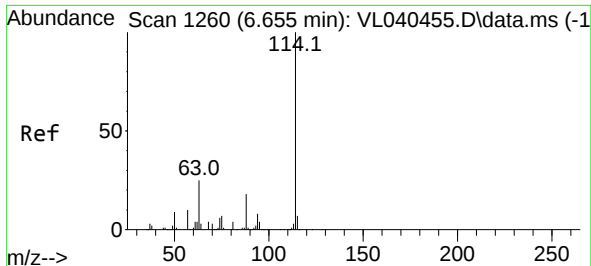


#32
 1,1,1-Trichloroethane
 Concen: 9.967 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Tgt Ion: 97 Resp: 1852778

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	49.3	39.7	59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

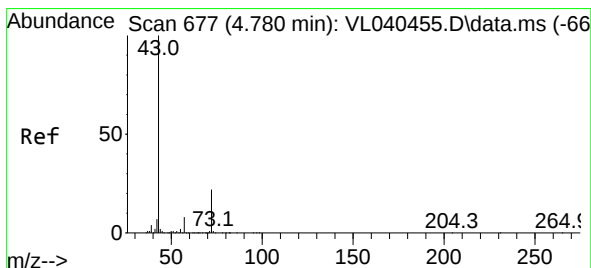
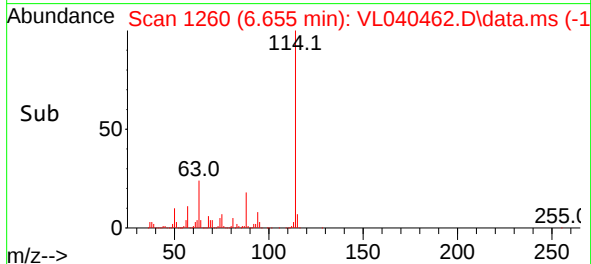
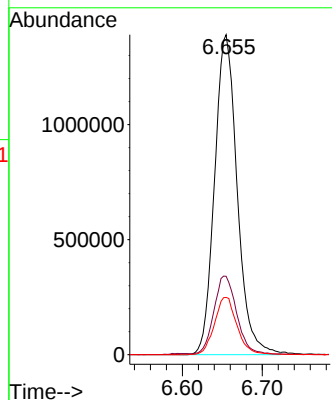
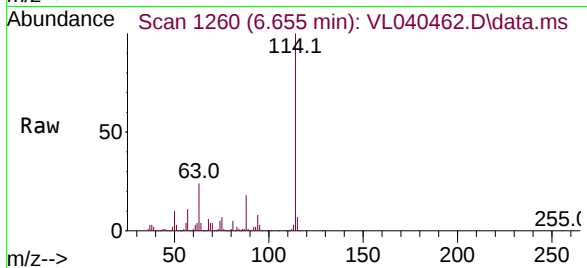
Tgt Ion:114 Resp: 2728412

Ion Ratio Lower Upper

114 100

63 25.4 21.0 31.6

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 9.202 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040462.D

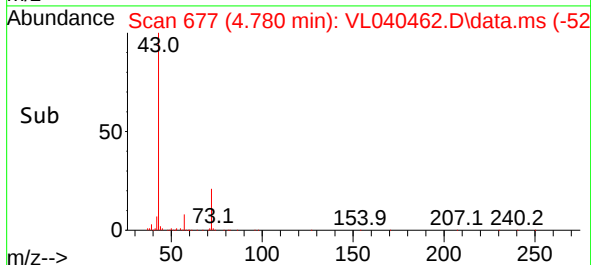
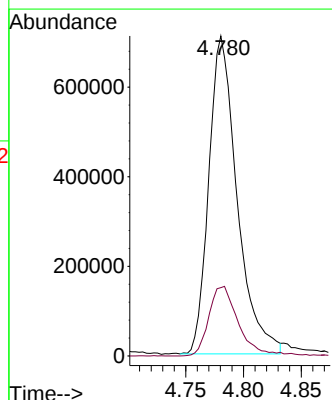
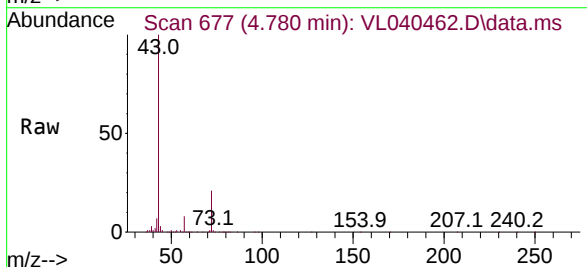
Acq: 5 Jun 2023 20:27

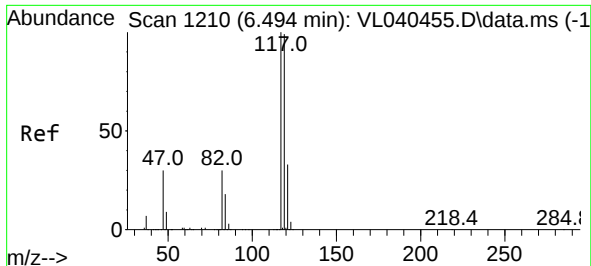
Tgt Ion: 43 Resp: 1210716

Ion Ratio Lower Upper

43 100

72 23.2 18.1 27.1

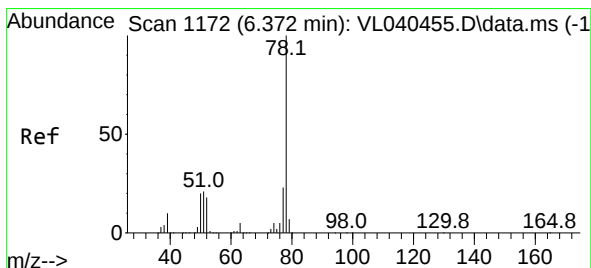
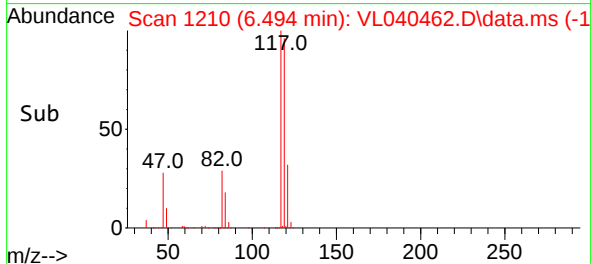
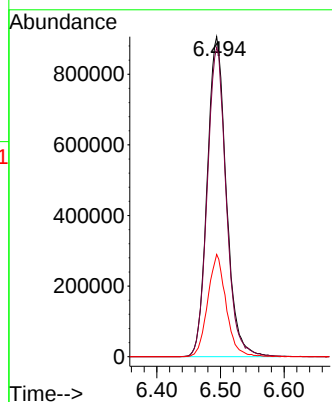
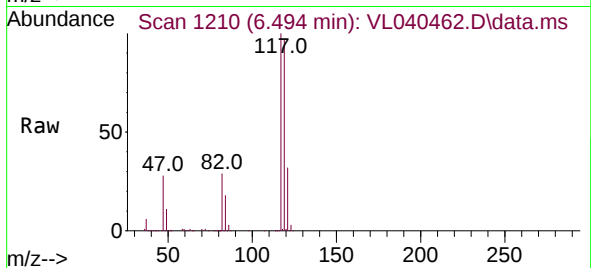




#35
Carbon Tetrachloride
Concen: 10.146 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

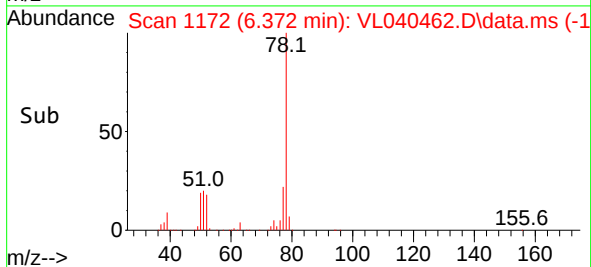
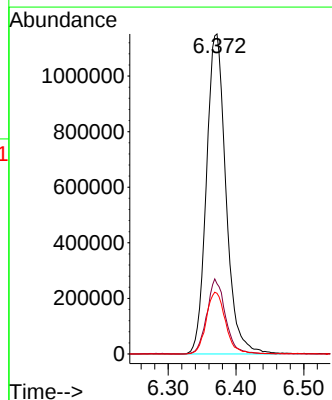
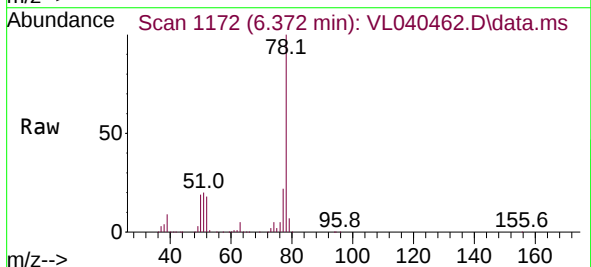
Instrument :
MSVOA_1
ClientSampleId :
ICVVL060523

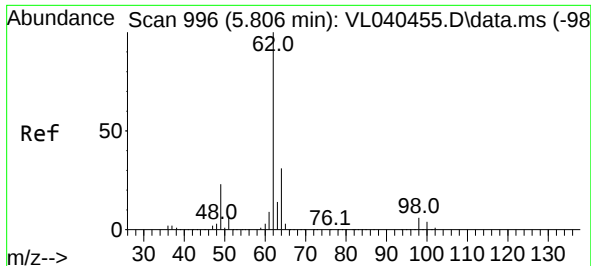
Tgt Ion:117 Resp: 1886518
Ion Ratio Lower Upper
117 100
119 96.6 79.1 118.7
121 31.9 26.0 39.0



#36
Benzene
Concen: 10.630 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 78 Resp: 2306928
Ion Ratio Lower Upper
78 100
77 22.0 18.5 27.7
50 19.0 16.1 24.1

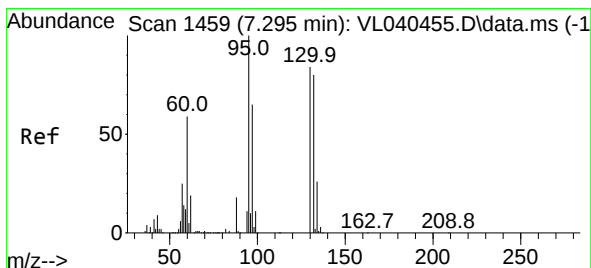
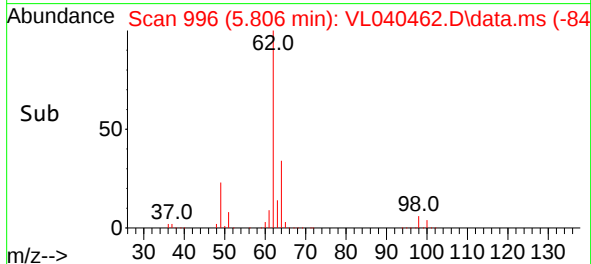
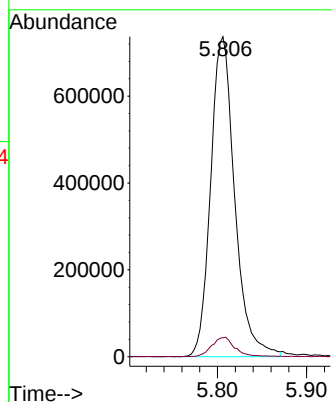
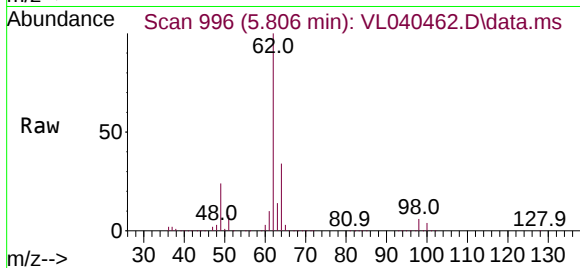




#37
1,2-Dichloroethane
Concen: 9.787 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

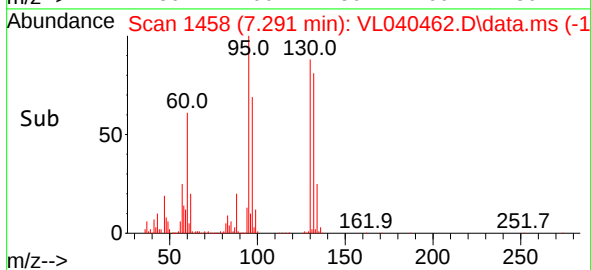
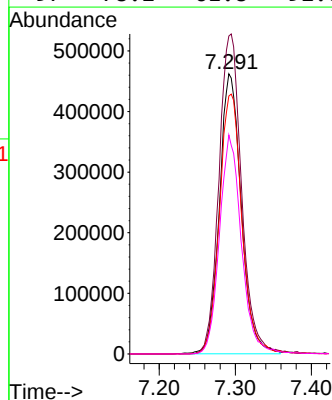
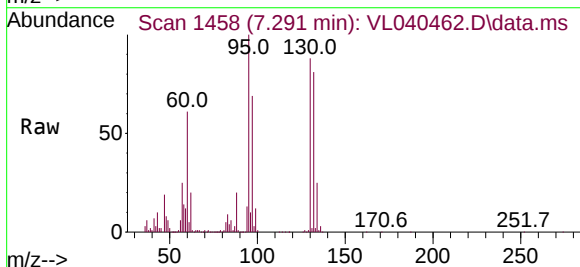
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

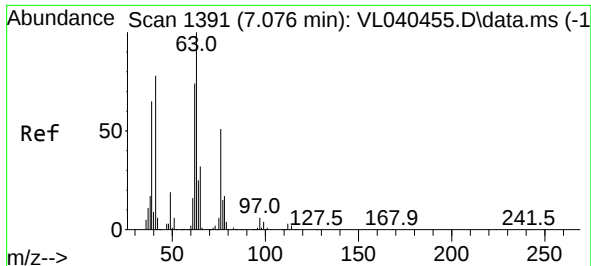
Tgt Ion: 62 Resp: 1383825
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8



#38
Trichloroethene
Concen: 11.211 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion:130 Resp: 921806
Ion Ratio Lower Upper
130 100
95 113.5 95.4 143.0
132 92.1 76.3 114.5
97 78.2 61.8 92.6





#39

1,2-Dichloropropane

Concen: 10.267 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

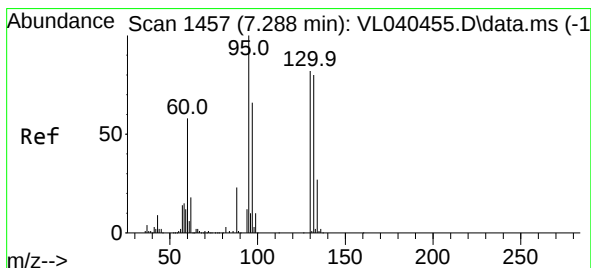
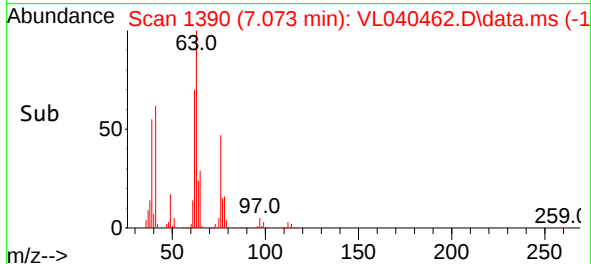
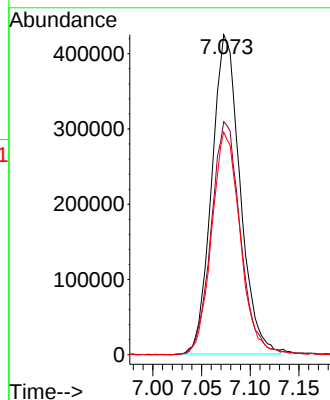
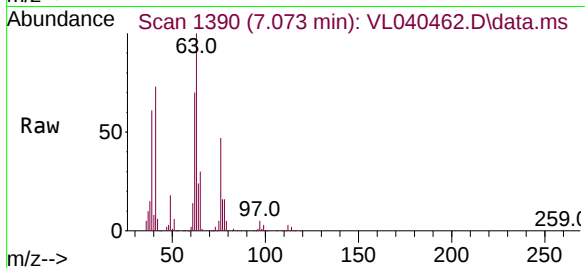
Tgt Ion: 63 Resp: 858945

Ion Ratio Lower Upper

63 100

41 72.9 62.2 93.2

62 69.7 59.0 88.4



#40

1,4-Dioxane

Concen: 10.039 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Tgt Ion: 88 Resp: 237898

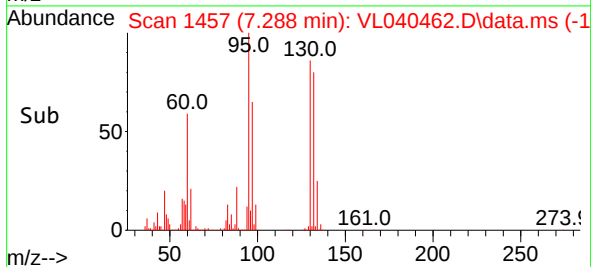
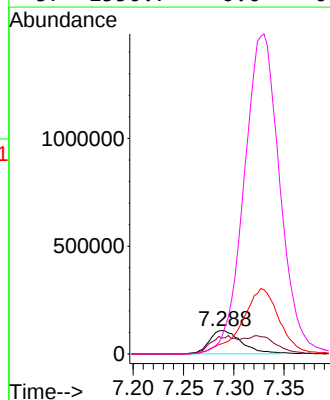
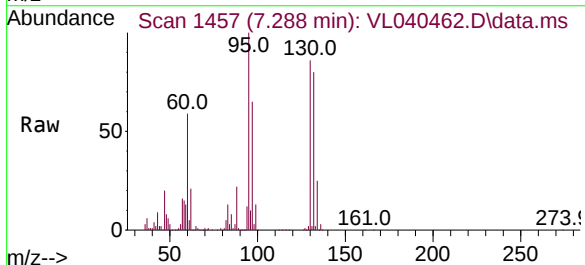
Ion Ratio Lower Upper

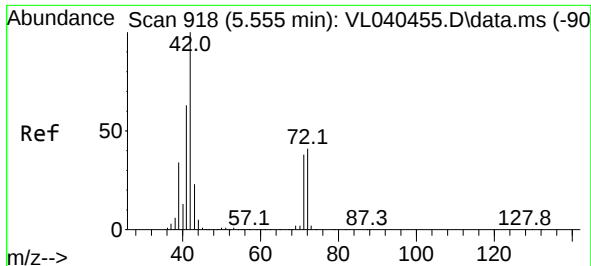
88 100

58 144.4 0.0 0.0#

43 332.7 0.0 0.0#

57 1550.7 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.132 ppbv

RT: 5.552 min Scan# 918

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

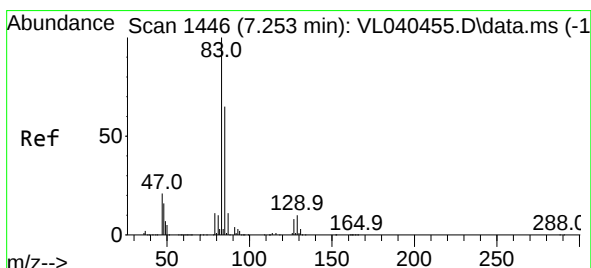
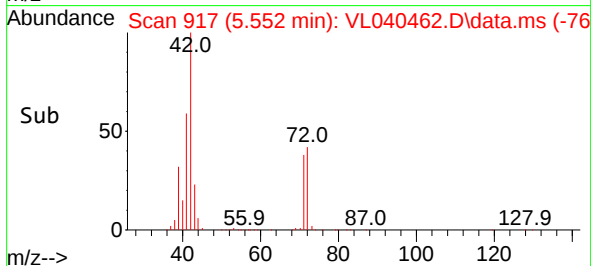
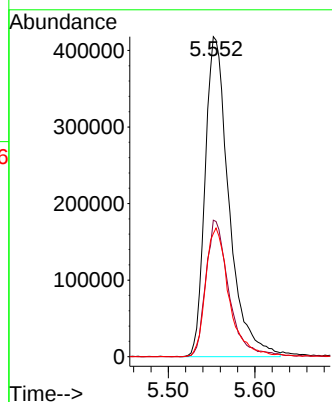
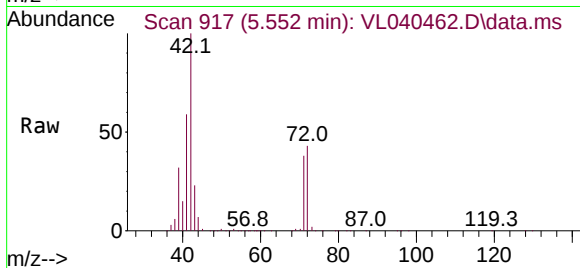
Tgt Ion: 42 Resp: 800530

Ion Ratio Lower Upper

42 100

72 41.8 33.8 50.8

71 40.3 32.3 48.5



#42

Bromodichloromethane

Concen: 10.166 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

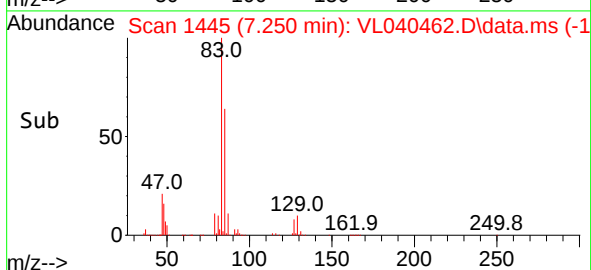
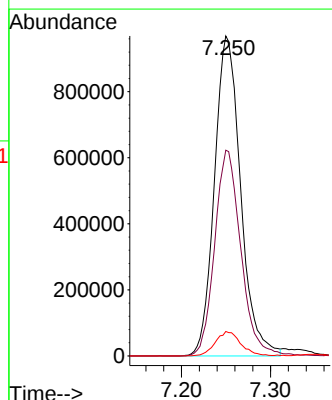
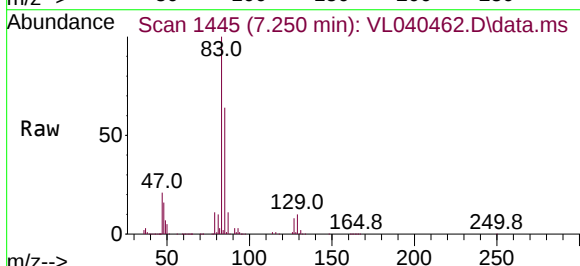
Tgt Ion: 83 Resp: 1979348

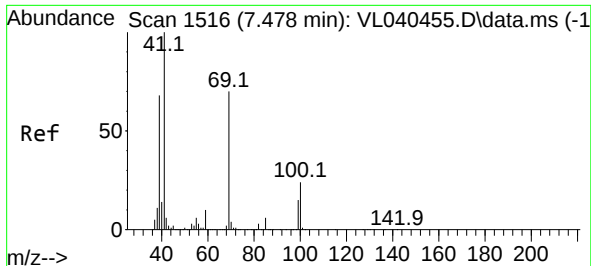
Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

127 7.7 6.1 9.1

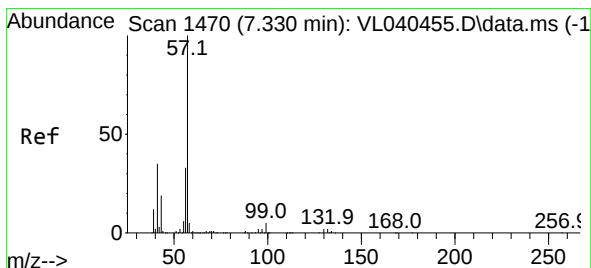
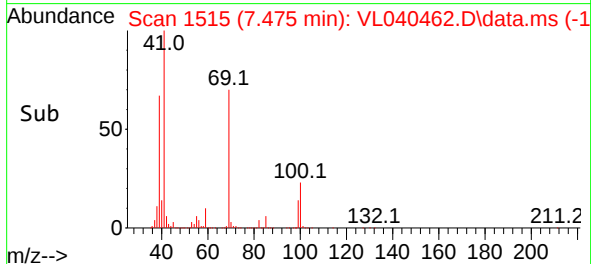
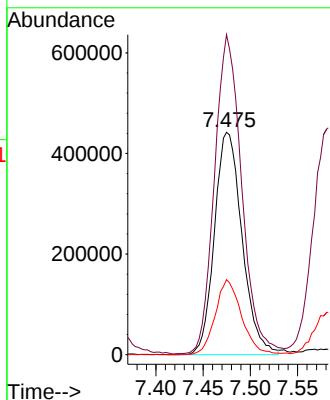
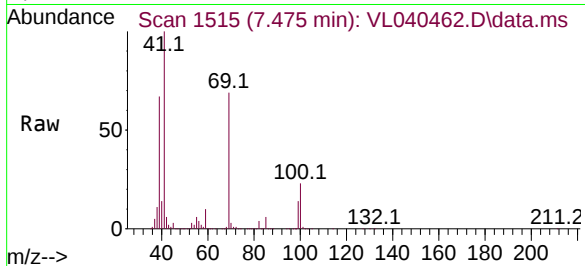




#43
Methyl Methacrylate
Concen: 11.532 ppbv
RT: 7.475 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

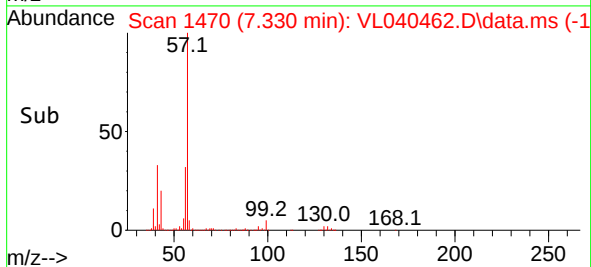
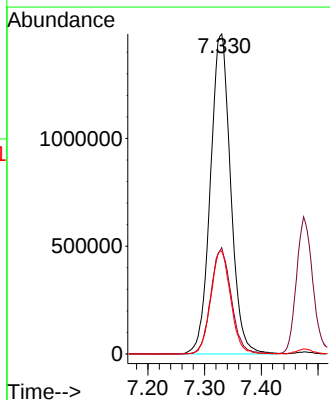
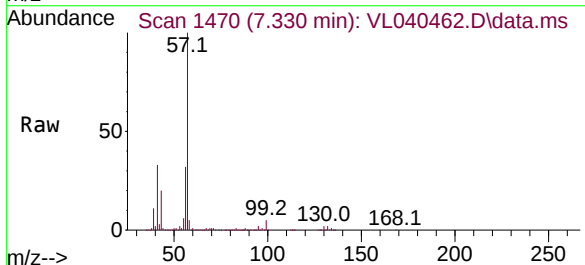
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

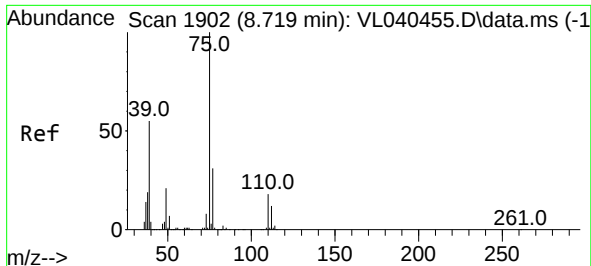
Tgt Ion: 69 Resp: 899100
Ion Ratio Lower Upper
69 100
41 142.1 114.3 171.5
100 32.0 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.395 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 57 Resp: 3686851
Ion Ratio Lower Upper
57 100
41 33.4 27.8 41.8
56 31.6 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 12.603 ppbv

RT: 8.716 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

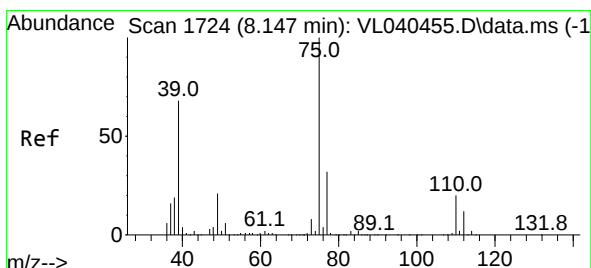
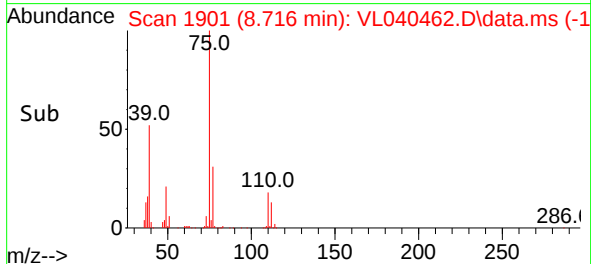
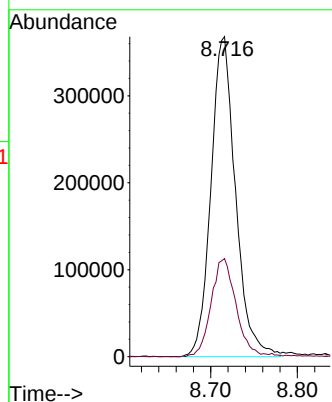
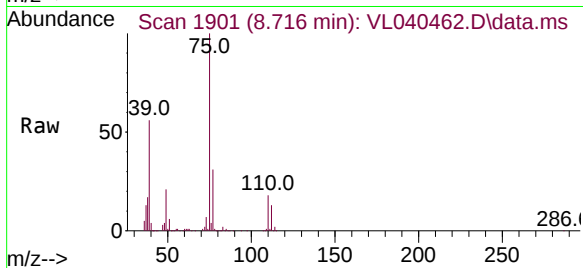
ICVVL060523

Tgt Ion: 75 Resp: 725518

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4



#46

cis-1,3-Dichloropropene

Concen: 11.840 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

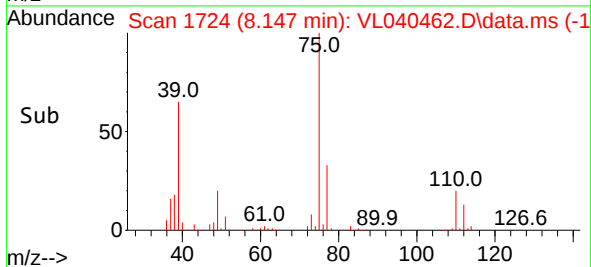
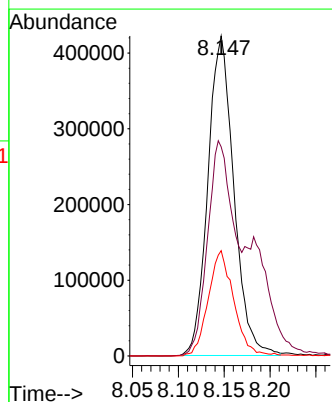
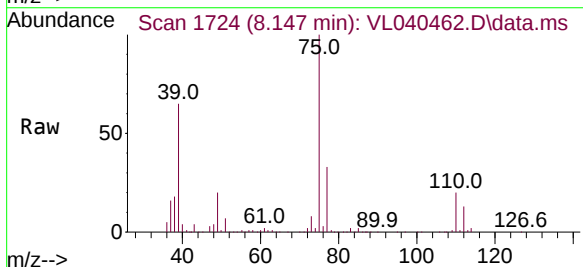
Tgt Ion: 75 Resp: 830887

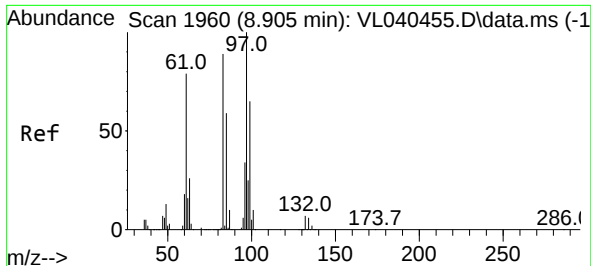
Ion Ratio Lower Upper

75 100

39 65.3 54.2 81.4

77 32.9 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.255 ppbv

RT: 8.902 min Scan# 1960

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

Tgt Ion: 97 Resp: 942972

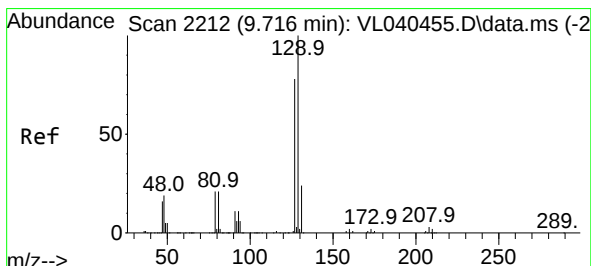
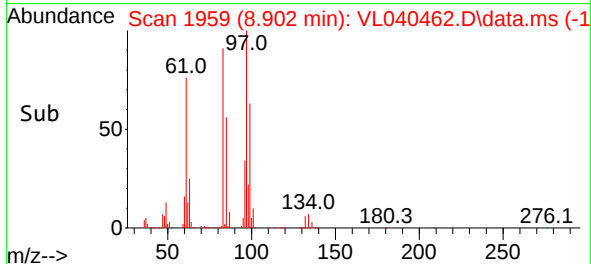
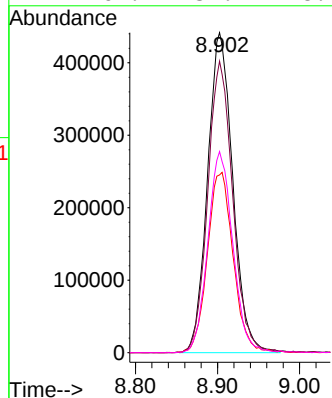
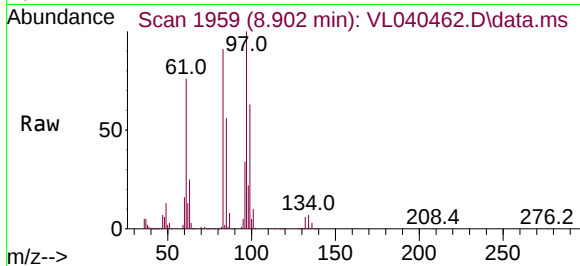
Ion Ratio Lower Upper

97 100

83 90.9 71.4 107.2

85 55.4 47.2 70.8

99 62.7 52.1 78.1



#48

Dibromochloromethane

Concen: 10.710 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL040462.D

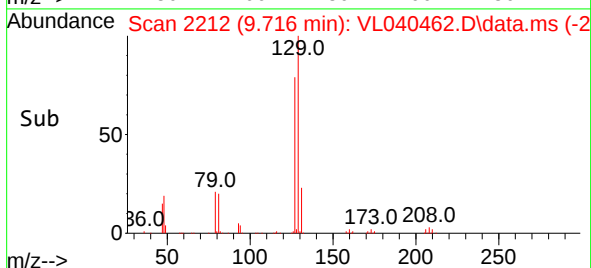
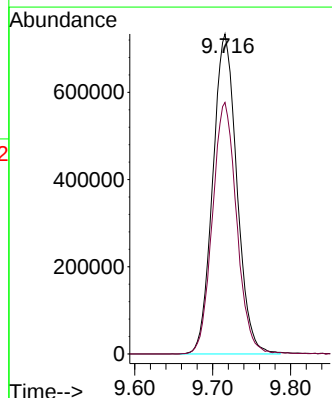
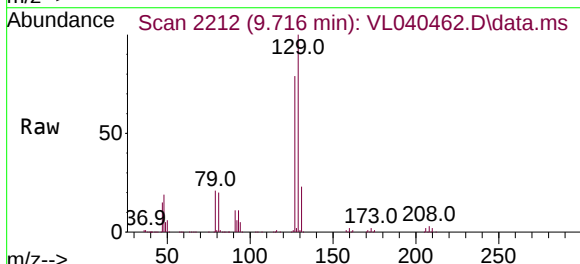
Acq: 5 Jun 2023 20:27

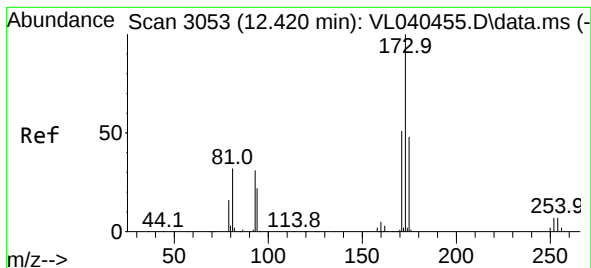
Tgt Ion: 129 Resp: 1574380

Ion Ratio Lower Upper

129 100

127 79.2 39.4 118.1





#49

Bromoform

Concen: 10.780 ppbv

RT: 12.413 min Scan# 3053

Delta R.T. -0.006 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

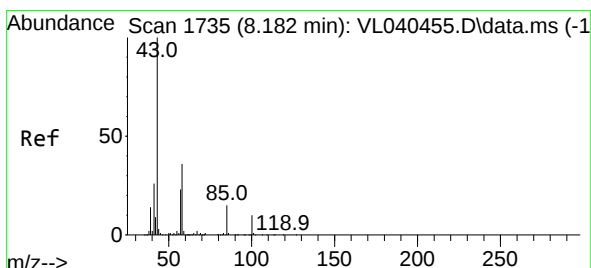
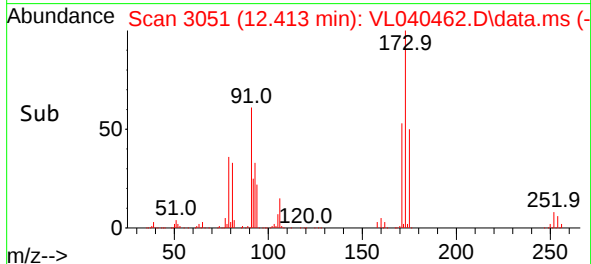
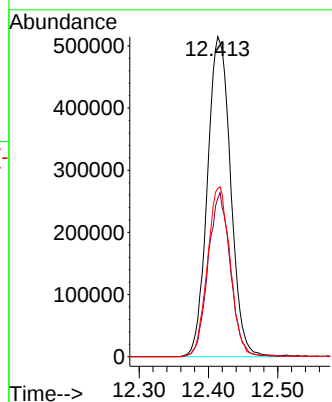
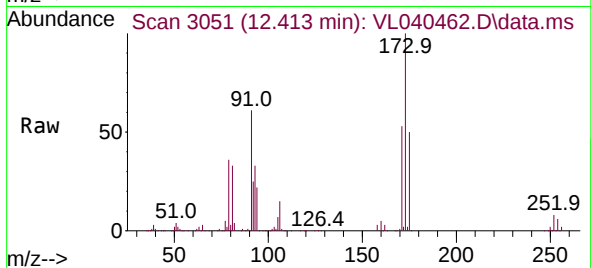
Tgt Ion:173 Resp: 1198955

Ion Ratio Lower Upper

173 100

175 49.2 39.2 58.8

171 52.2 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.788 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VL040462.D

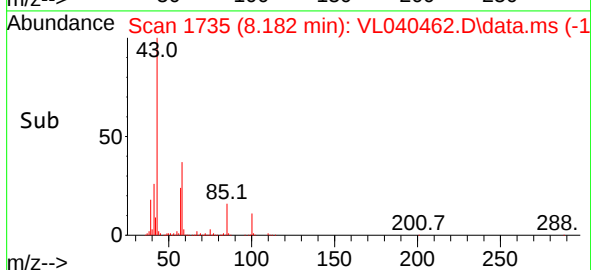
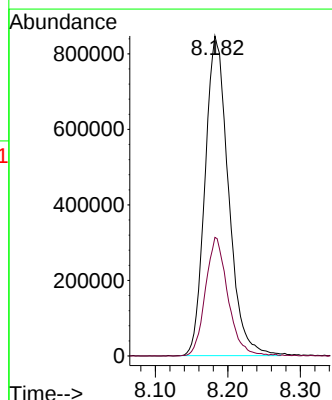
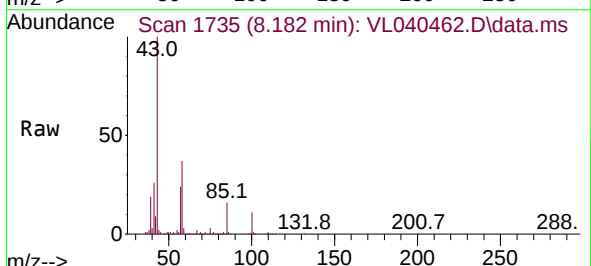
Acq: 5 Jun 2023 20:27

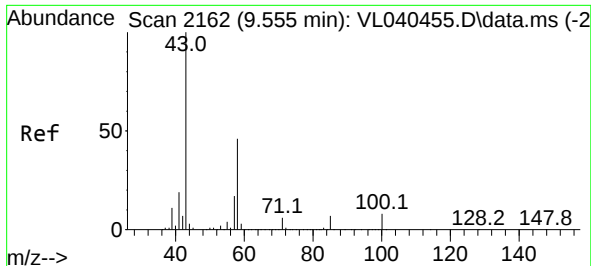
Tgt Ion: 43 Resp: 1901012

Ion Ratio Lower Upper

43 100

58 35.8 28.2 42.4

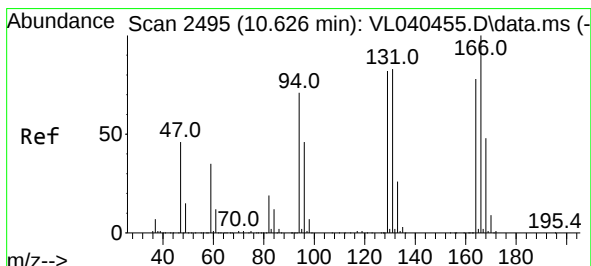
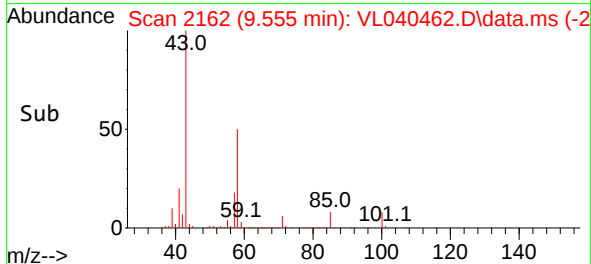
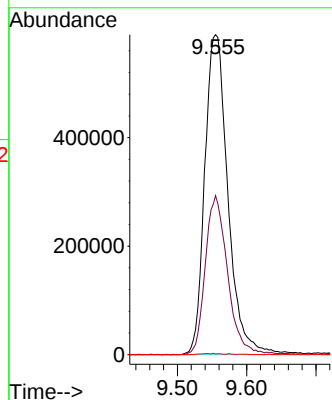
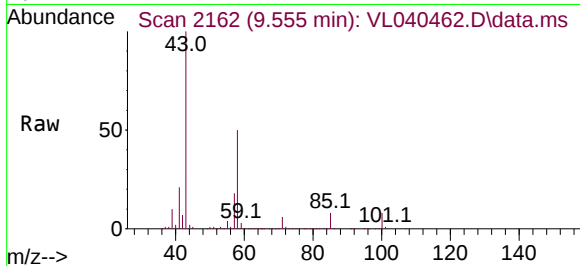




#51
2-Hexanone
Concen: 11.175 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

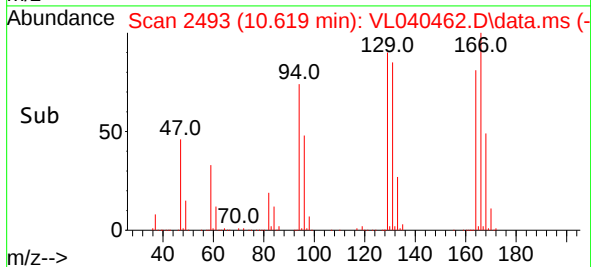
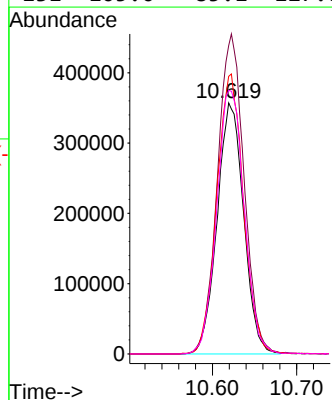
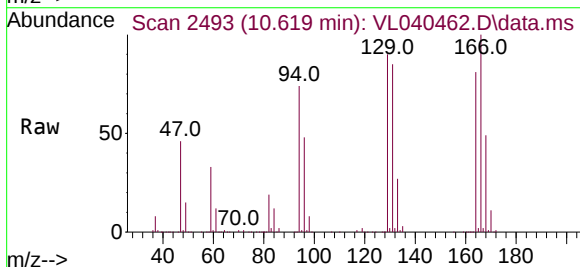
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

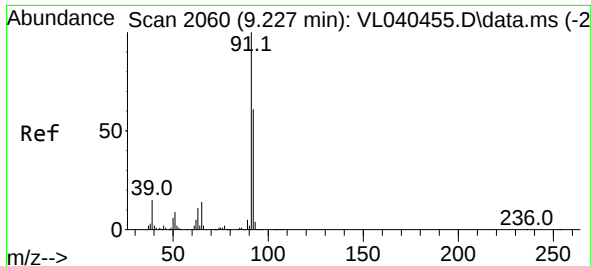
Tgt Ion: 43 Resp: 1367137
Ion Ratio Lower Upper
43 100
58 48.2 37.1 55.7
98 0.5 0.5 0.7#



#52
Tetrachloroethene
Concen: 11.452 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.006 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion:164 Resp: 780387
Ion Ratio Lower Upper
164 100
166 122.8 102.7 154.1
129 110.6 84.6 126.8
131 105.0 85.1 127.7

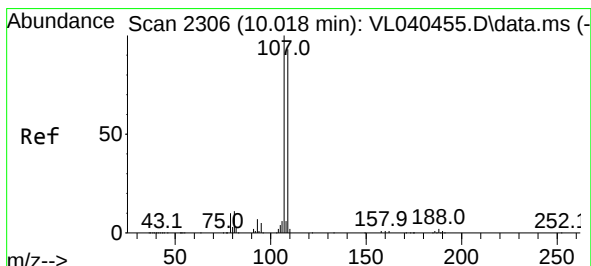
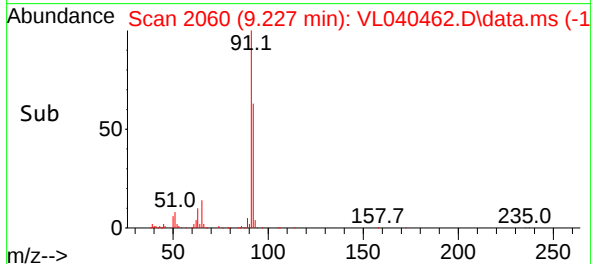
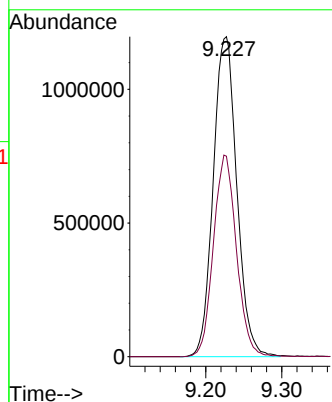
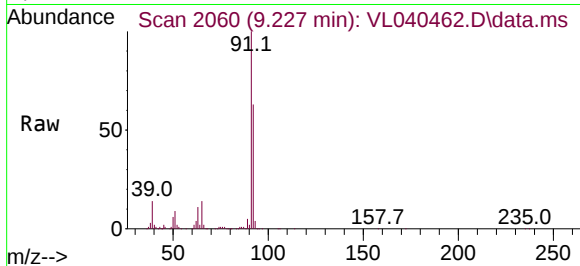




#53
Toluene
Concen: 11.282 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

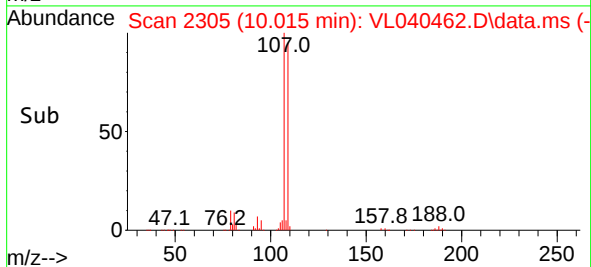
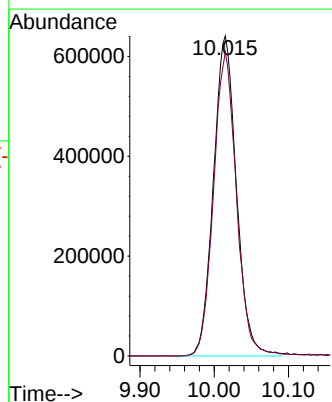
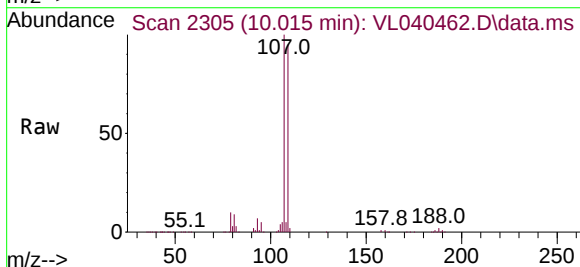
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

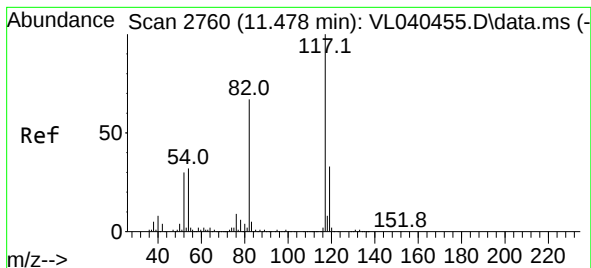
Tgt Ion: 91 Resp: 2578951
Ion Ratio Lower Upper
91 100
92 61.6 49.1 73.7



#54
1,2-Dibromoethane
Concen: 11.444 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 107 Resp: 1379469
Ion Ratio Lower Upper
107 100
109 94.9 74.5 111.7

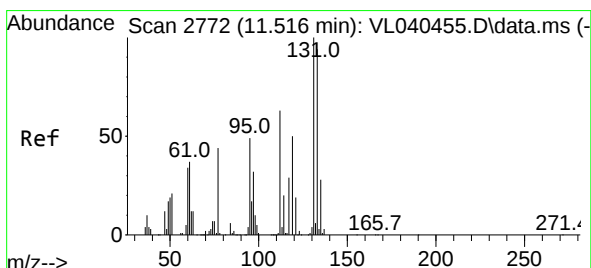
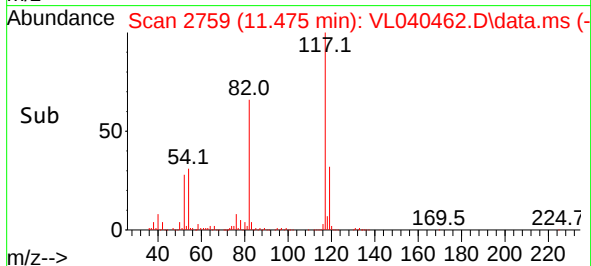
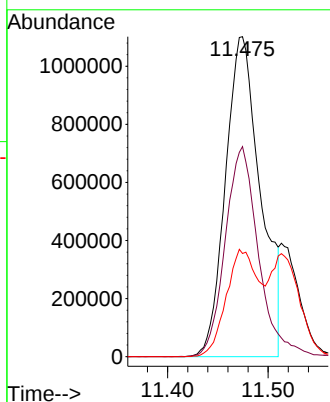
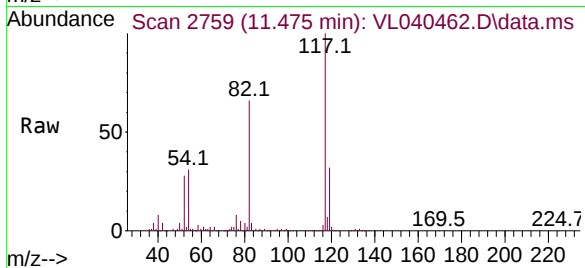




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

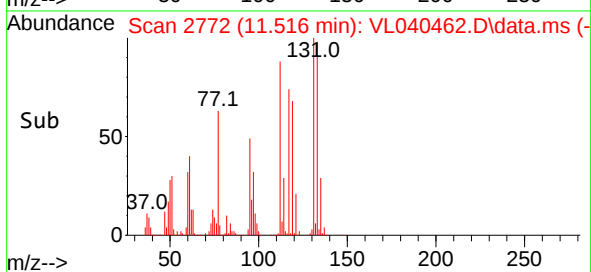
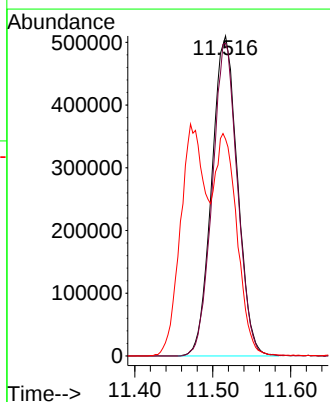
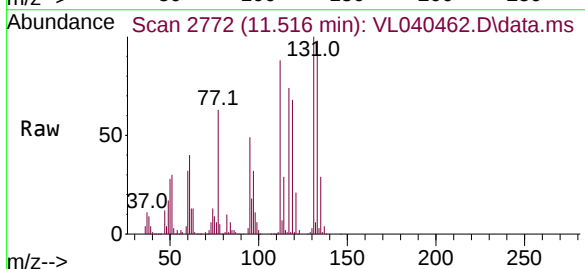
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

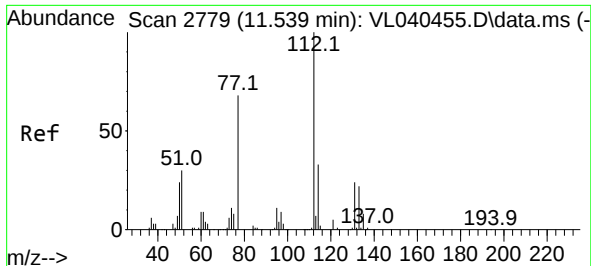
Tgt Ion:117 Resp: 2673268
Ion Ratio Lower Upper
117 100
82 62.5 53.0 79.4
119 27.8 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 9.351 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion:131 Resp: 1174945
Ion Ratio Lower Upper
131 100
133 95.4 75.7 113.5
119 60.9 51.4 77.2

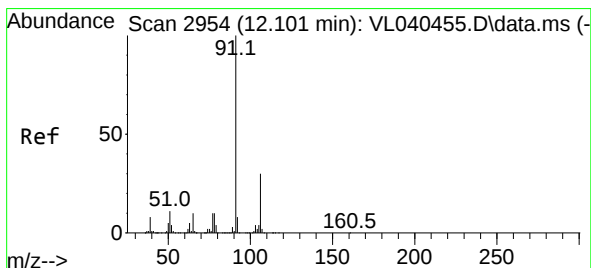
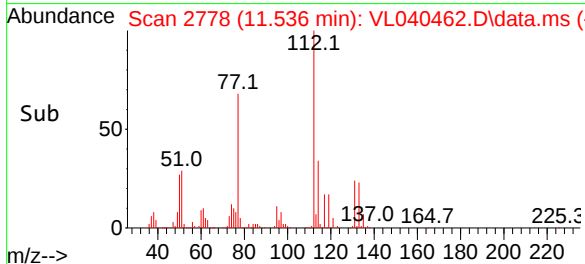
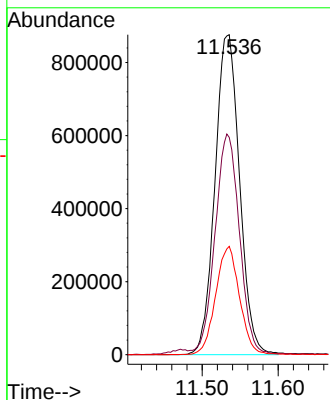
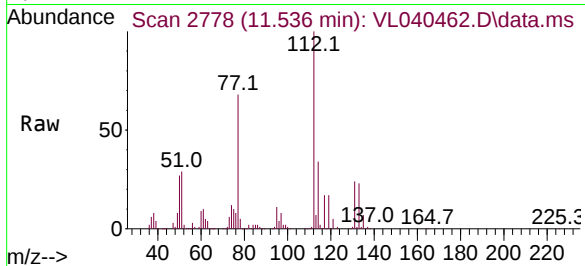




#57
Chlorobenzene
Concen: 9.737 ppbv
RT: 11.536 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

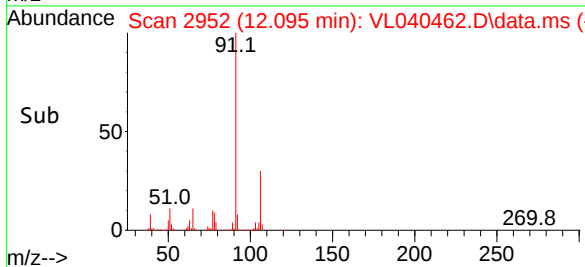
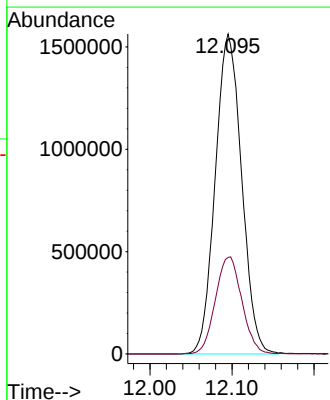
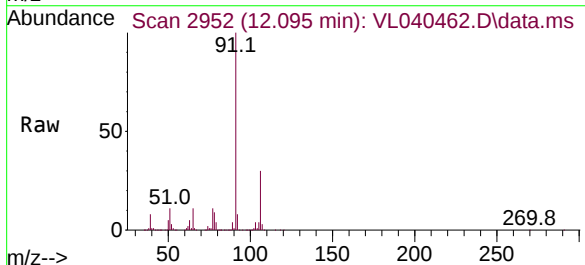
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

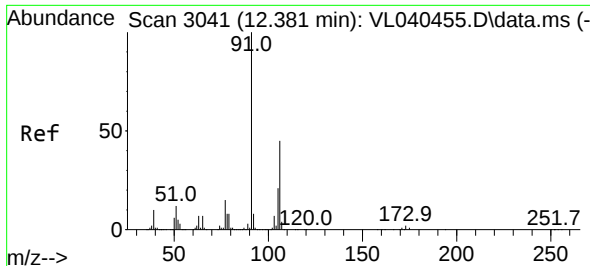
Tgt Ion:112 Resp: 1967358
Ion Ratio Lower Upper
112 100
77 67.5 55.4 83.2
114 33.8 30.0 36.6



#58
Ethyl Benzene
Concen: 10.782 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.006 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 91 Resp: 3492410
Ion Ratio Lower Upper
91 100
106 30.2 23.7 35.5





#59

m/p-Xylene

Concen: 10.806 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

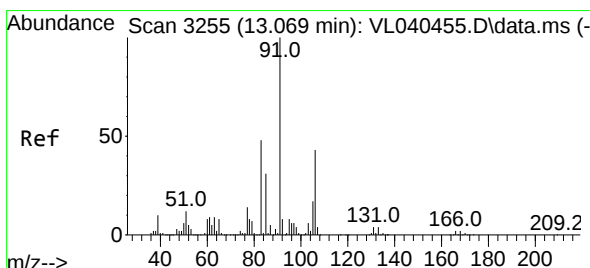
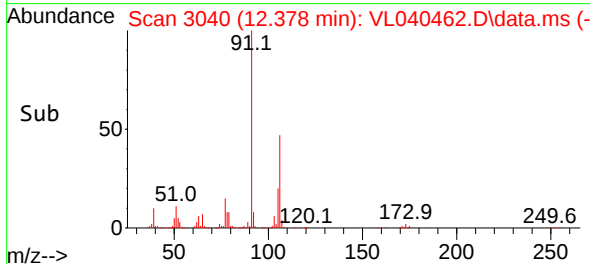
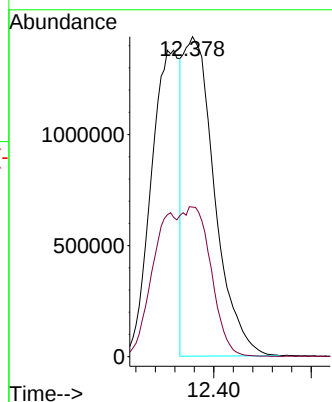
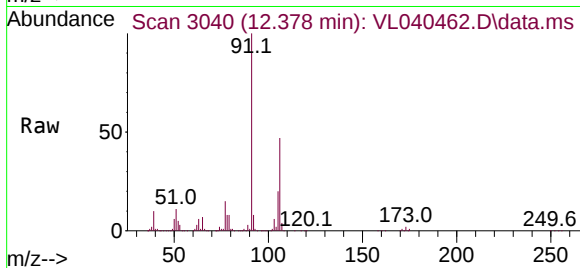
ICVVL060523

Tgt Ion: 91 Resp: 3216586

Ion Ratio Lower Upper

91 100

106 82.2 34.6 52.0#



#60

o-Xylene

Concen: 10.243 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL040462.D

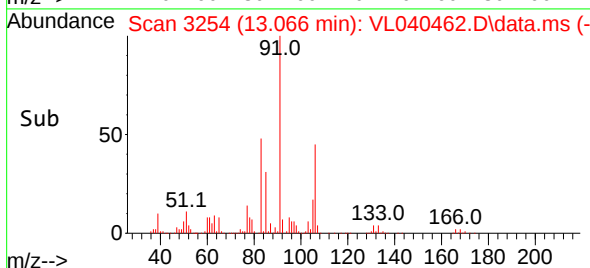
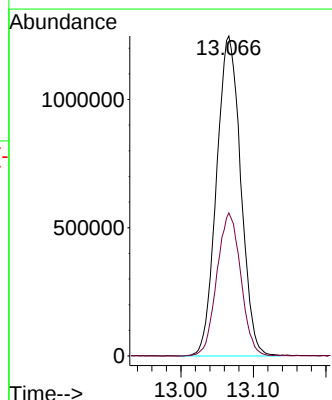
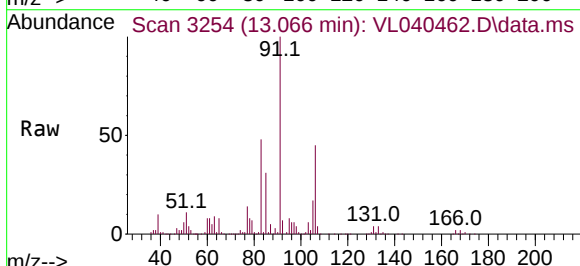
Acq: 5 Jun 2023 20:27

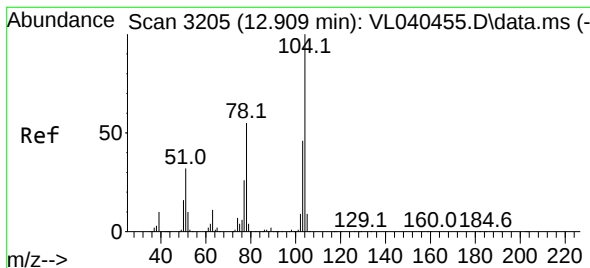
Tgt Ion: 91 Resp: 2892072

Ion Ratio Lower Upper

91 100

106 44.3 22.1 66.1





#61

Styrene

Concen: 12.150 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

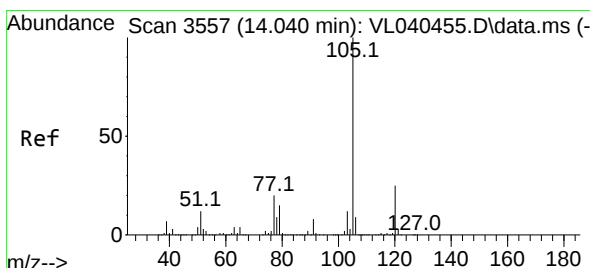
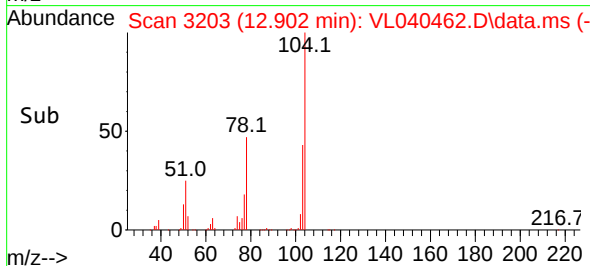
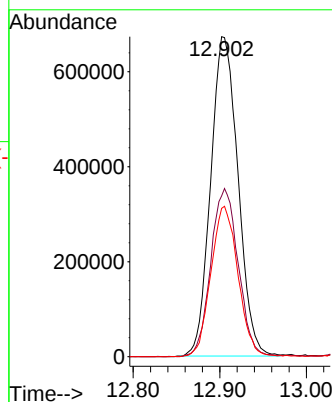
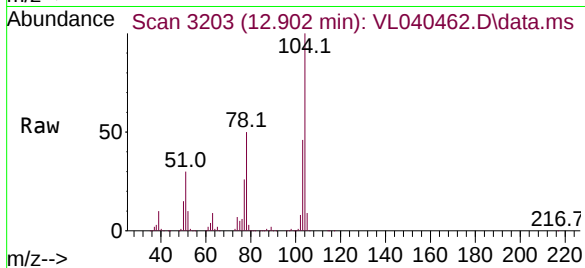
Tgt Ion:104 Resp: 1476337

Ion Ratio Lower Upper

104 100

78 53.2 43.1 64.7

103 47.0 37.1 55.7



#62

Isopropylbenzene

Concen: 9.916 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040462.D

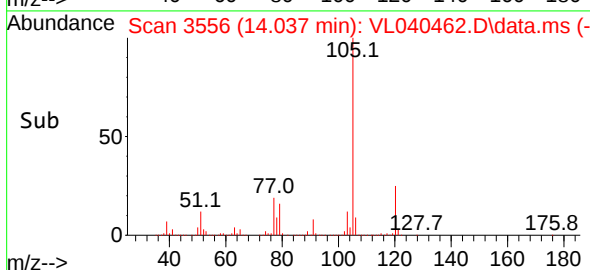
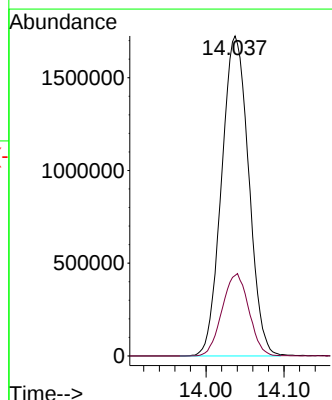
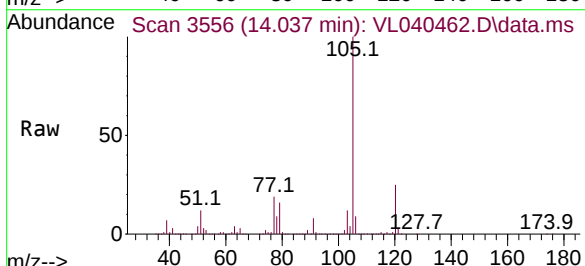
Acq: 5 Jun 2023 20:27

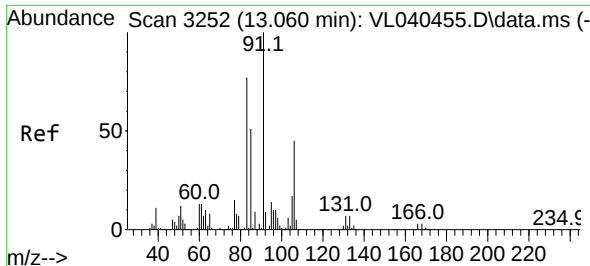
Tgt Ion:105 Resp: 4161731

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.4

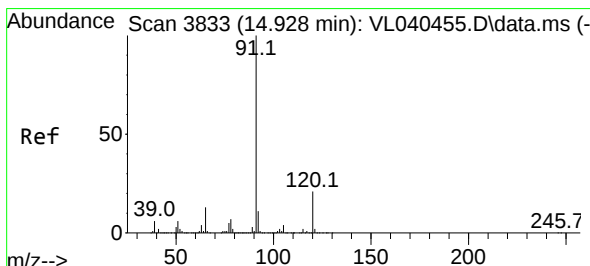
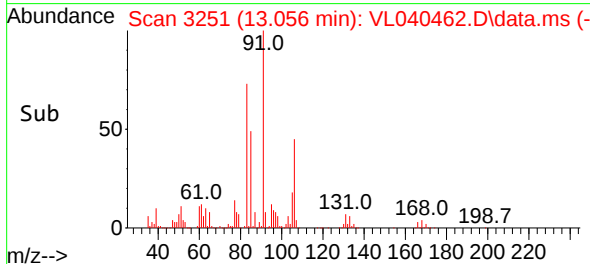
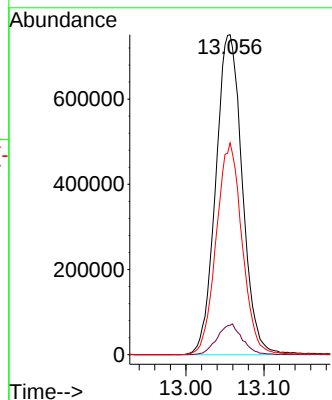
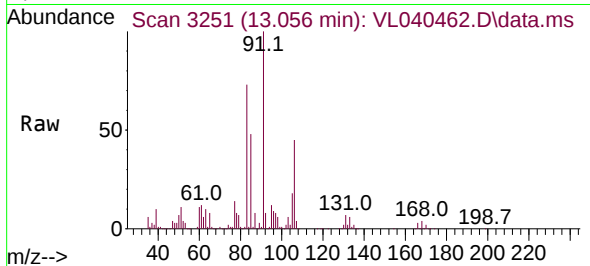




#63
1,1,2,2-Tetrachloroethane
Concen: 9.702 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

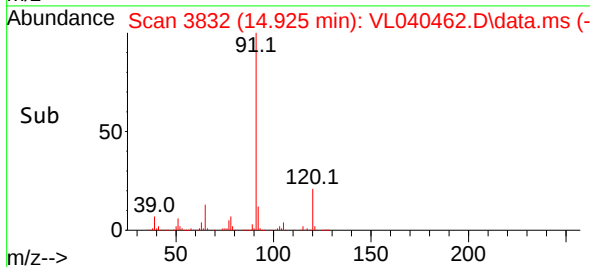
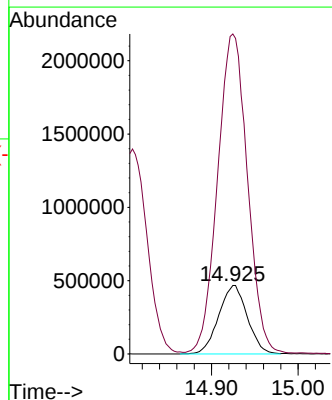
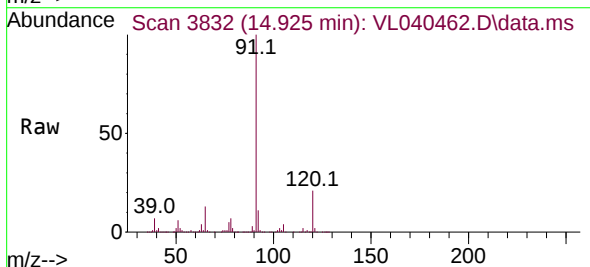
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

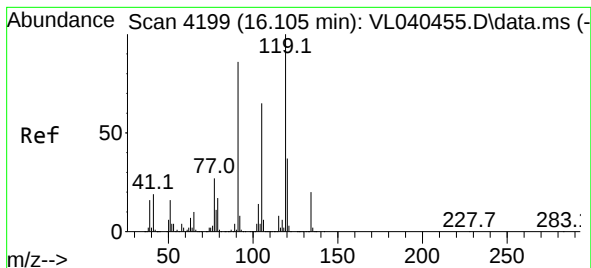
Tgt Ion: 83 Resp: 1773686
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 64.9 33.0 99.0



#64
n-propylbenzene
Concen: 10.055 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion:120 Resp: 1071519
Ion Ratio Lower Upper
120 100
91 490.4 388.5 582.7

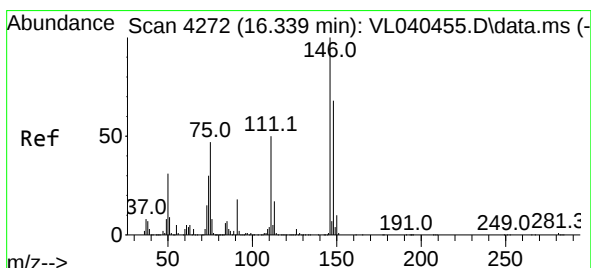
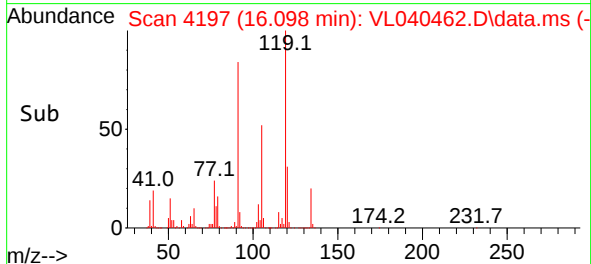
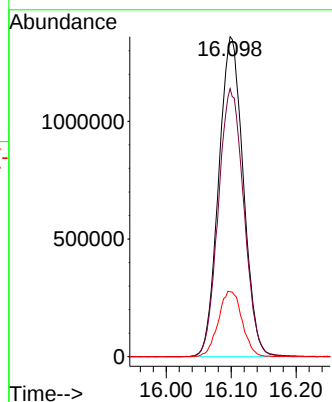
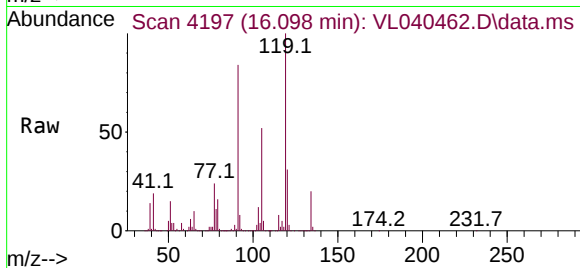




#65
tert-Butylbenzene
Concen: 9.912 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

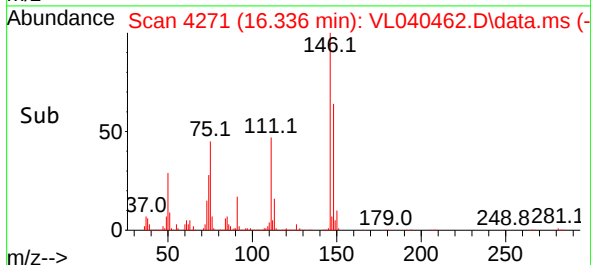
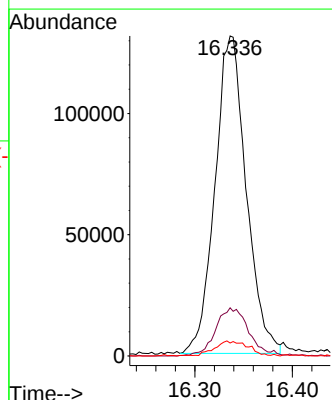
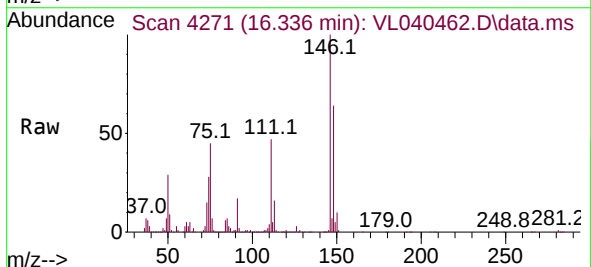
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

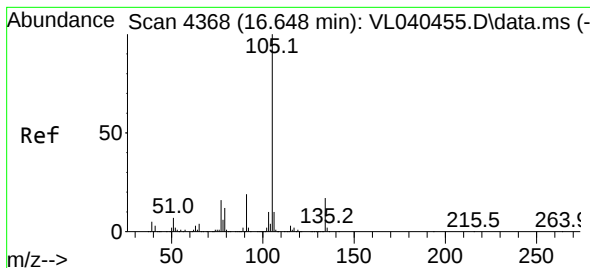
Tgt Ion:119 Resp: 3569143
Ion Ratio Lower Upper
119 100
91 86.9 70.5 105.7
134 19.9 15.6 23.4



#66
Benzyl Chloride
Concen: 10.495 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 91 Resp: 291224
Ion Ratio Lower Upper
91 100
126 16.4 13.2 19.8
128 5.2 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.791 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

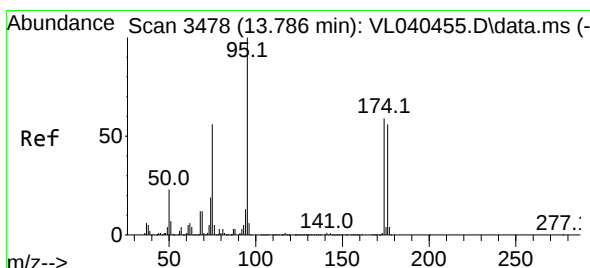
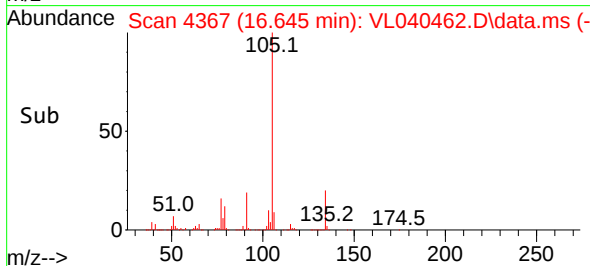
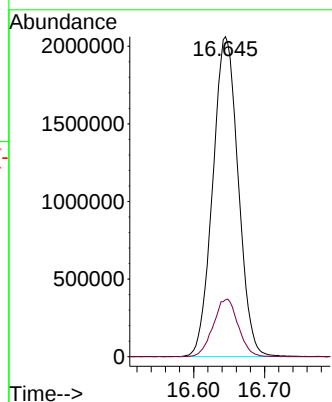
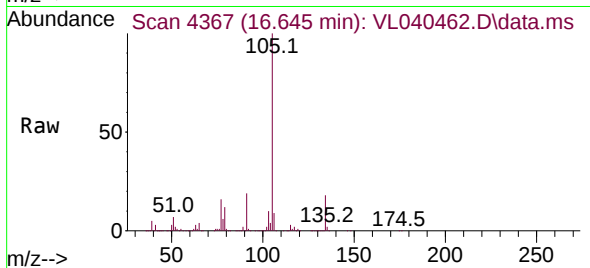
ICVVL060523

Tgt Ion:105 Resp: 5140755

Ion Ratio Lower Upper

105 100

134 17.7 14.0 21.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.198 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

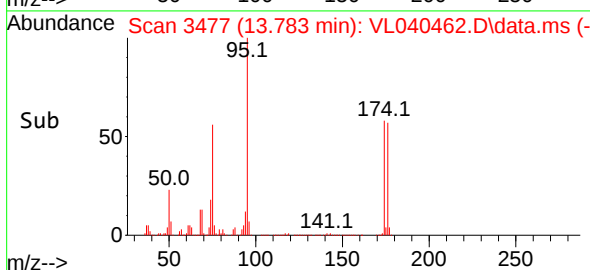
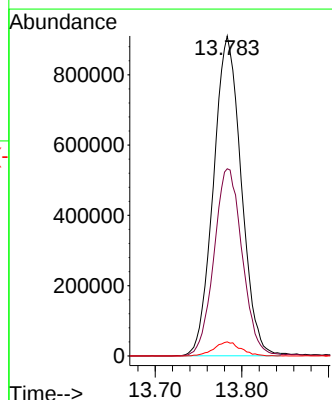
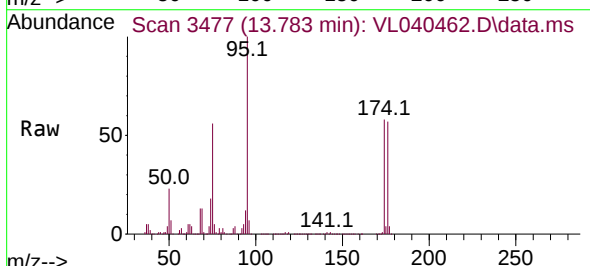
Tgt Ion: 95 Resp: 2029308

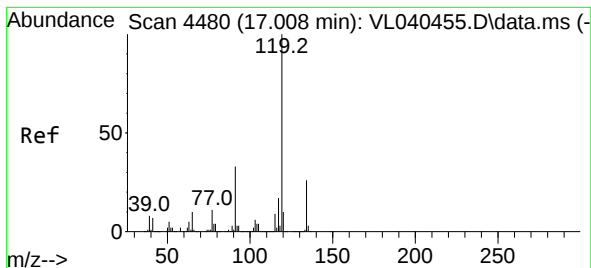
Ion Ratio Lower Upper

95 100

174 60.0 47.7 71.5

175 4.3 3.5 5.3

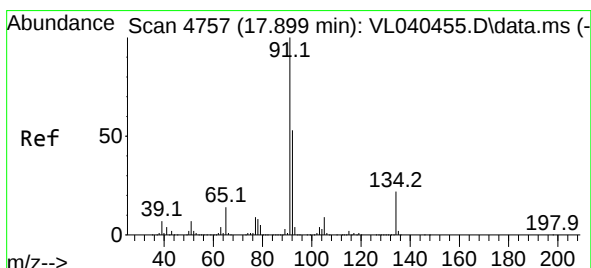
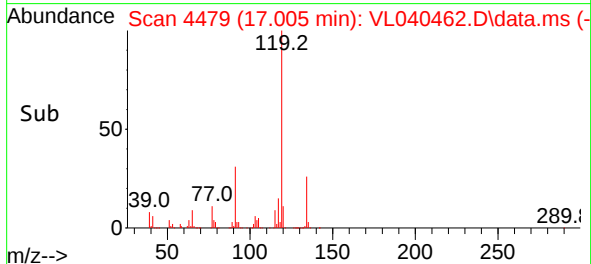
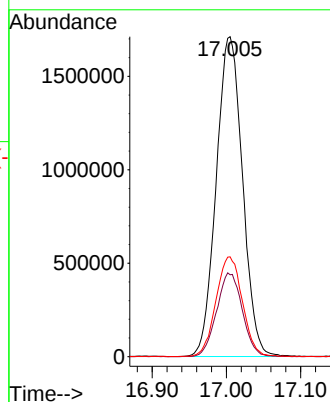
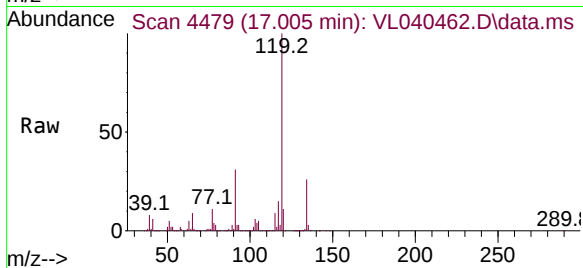




#69
p-Isopropyltoluene
Concen: 10.103 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

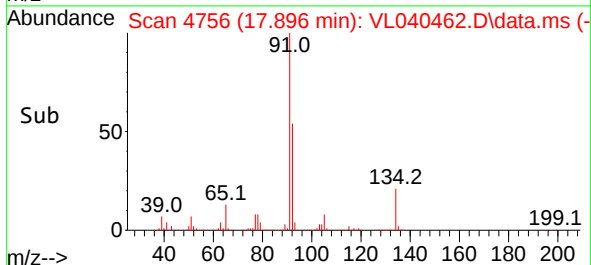
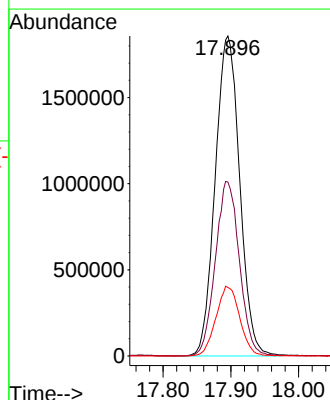
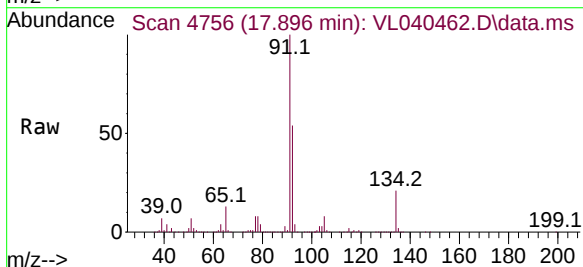
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

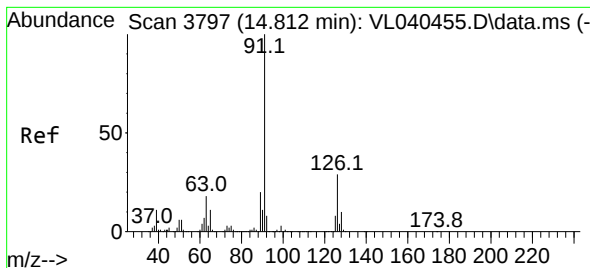
Tgt Ion:119 Resp: 4215756
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 31.4 25.5 38.3



#70
n-Butylbenzene
Concen: 10.002 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion: 91 Resp: 4658700
Ion Ratio Lower Upper
91 100
92 53.7 42.7 64.1
134 21.2 16.9 25.3





#71

2-Chlorotoluene

Concen: 10.432 ppbv

RT: 14.809 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

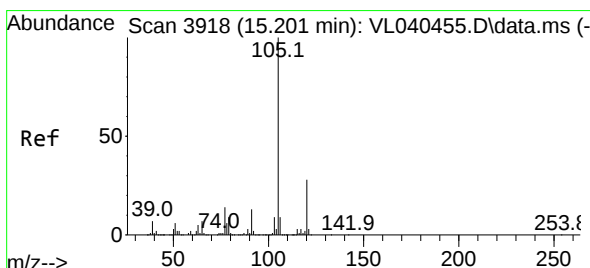
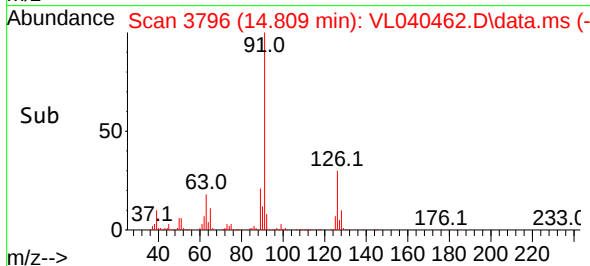
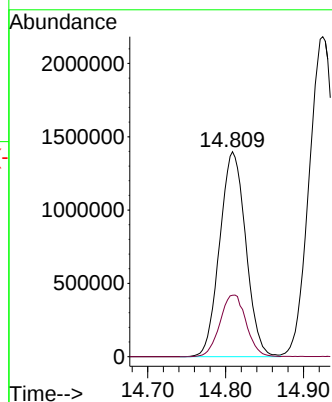
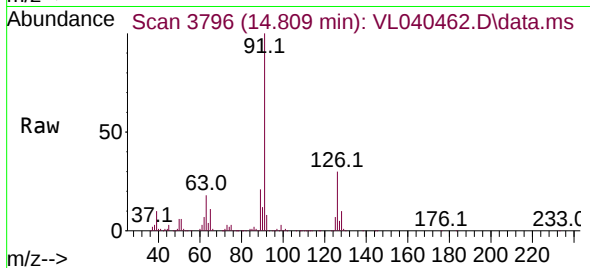
ICVVL060523

Tgt Ion: 91 Resp: 3251344

Ion Ratio Lower Upper

91 100

126 30.3 12.0 48.2



#72

4-Ethyltoluene

Concen: 10.596 ppbv

RT: 15.201 min Scan# 3918

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Tgt Ion:105 Resp: 3369607

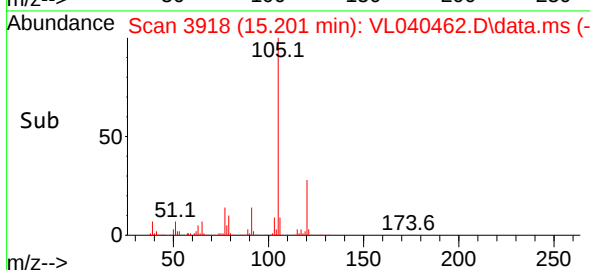
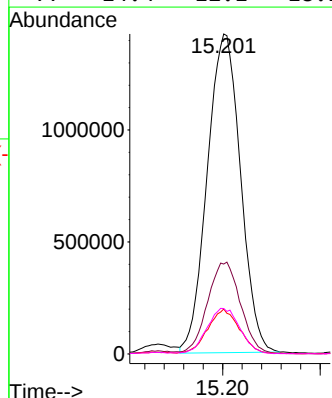
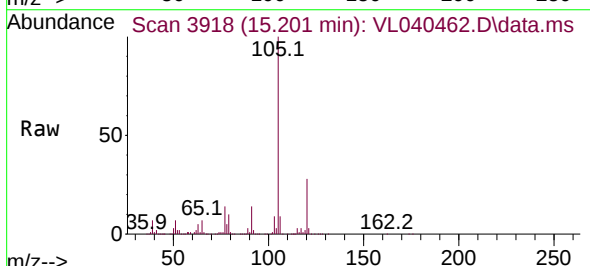
Ion Ratio Lower Upper

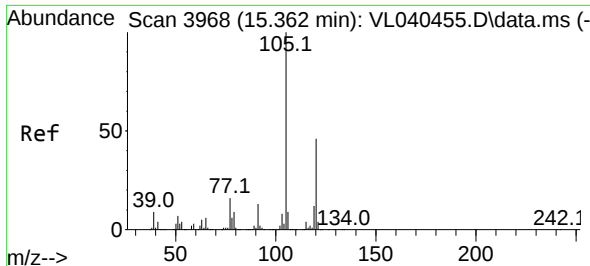
105 100

120 28.7 23.4 35.0

91 14.1 11.1 16.7

77 14.4 12.1 18.1

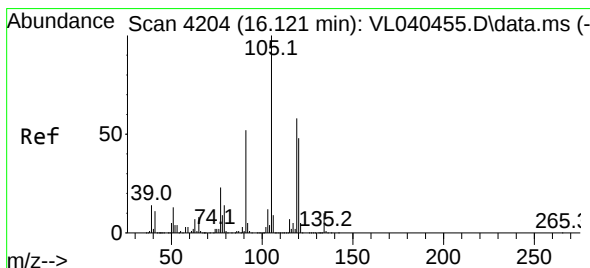
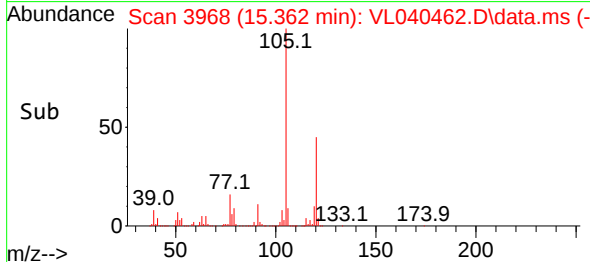
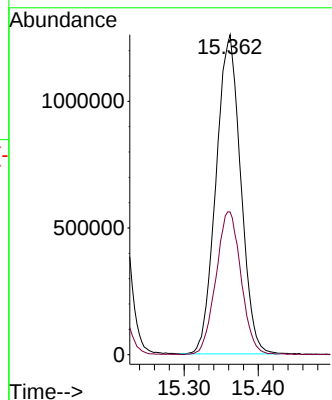
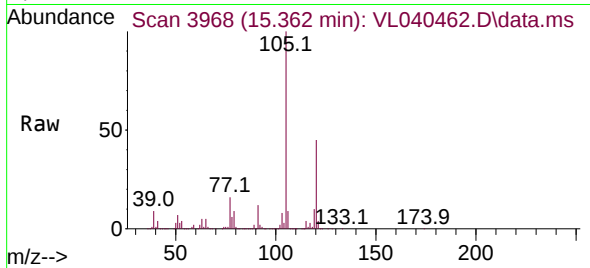




#73
1,3,5-Trimethylbenzene
Concen: 10.342 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

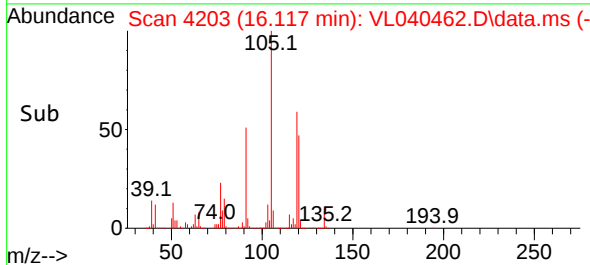
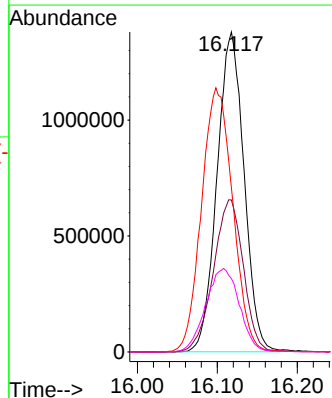
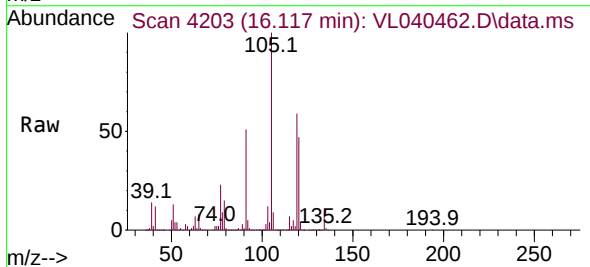
Instrument :
MSVOA_1
ClientSampleId :
ICVVL060523

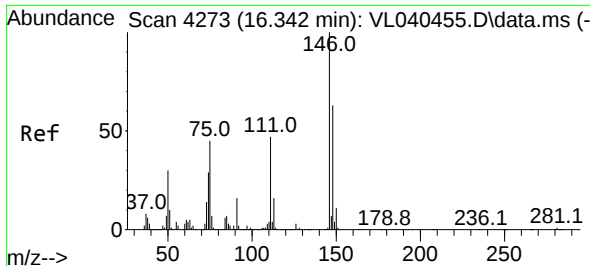
Tgt Ion:105 Resp: 2906796
Ion Ratio Lower Upper
105 100
120 44.6 36.4 54.6



#74
1,2,4-Trimethylbenzene
Concen: 9.774 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion:105 Resp: 3231729
Ion Ratio Lower Upper
105 100
120 47.2 38.4 57.6
91 50.9 41.3 61.9
77 22.7 18.6 28.0

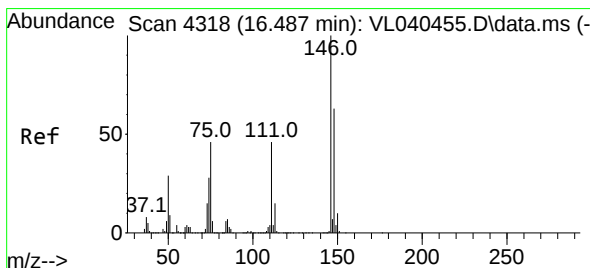
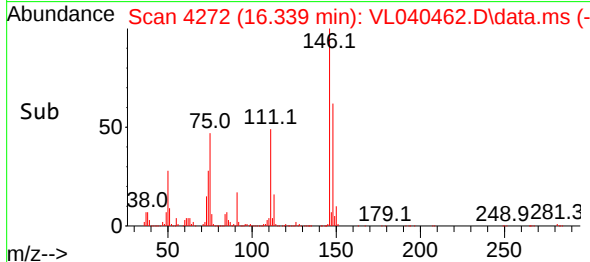
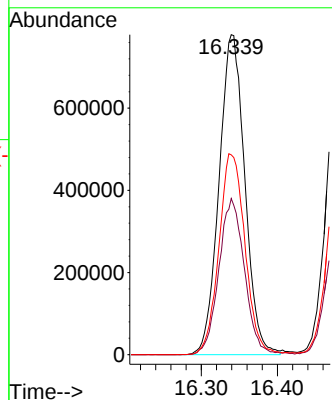
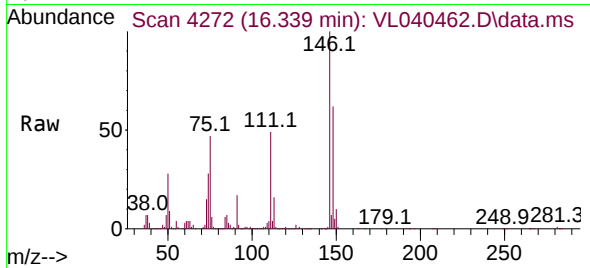




#75
1,3-Dichlorobenzene
Concen: 9.875 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

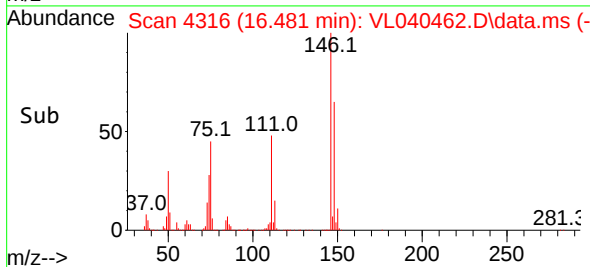
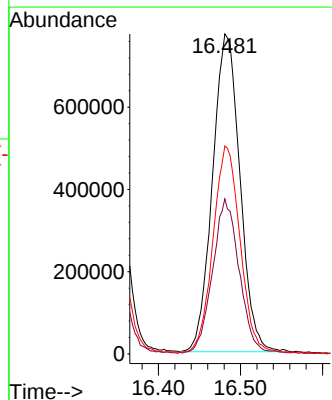
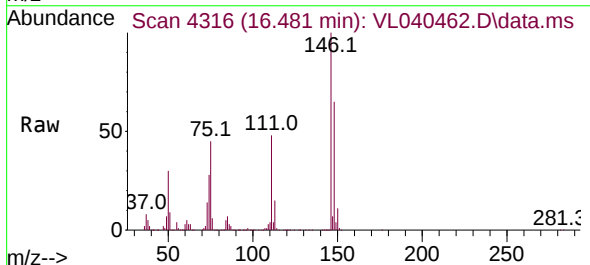
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

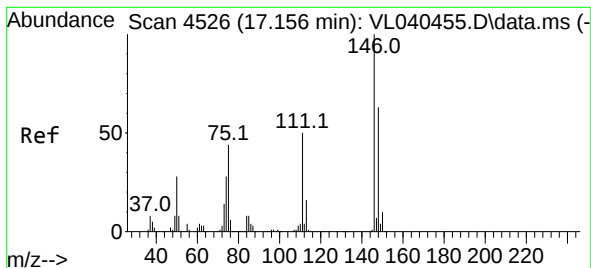
Tgt Ion:146 Resp: 1831654
Ion Ratio Lower Upper
146 100
111 48.5 24.6 73.8
148 64.0 32.4 97.2



#76
1,4-Dichlorobenzene
Concen: 9.934 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.006 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

Tgt Ion:146 Resp: 1791759
Ion Ratio Lower Upper
146 100
111 47.8 23.8 71.5
148 65.3 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.622 ppbv

RT: 17.153 min Scan# 4526

Delta R.T. -0.003 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060523

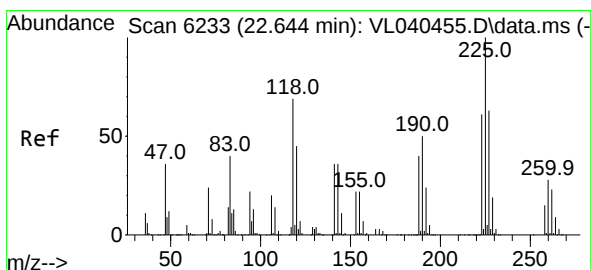
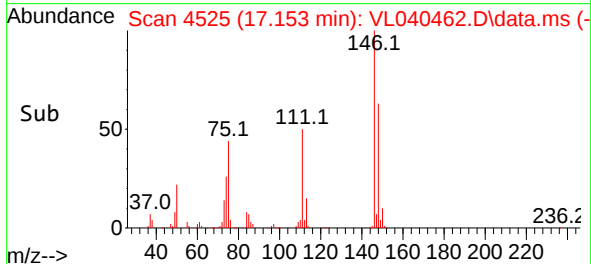
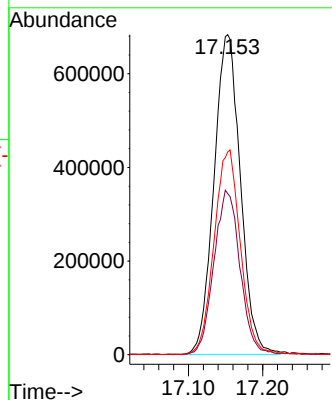
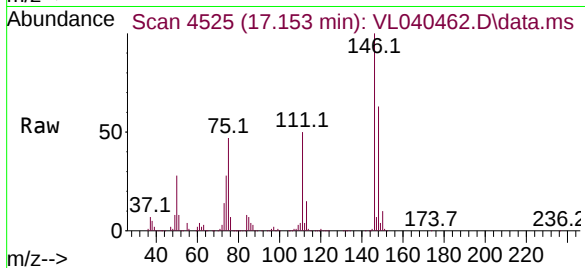
Tgt Ion:146 Resp: 1685971

Ion Ratio Lower Upper

146 100

111 51.1 25.1 75.3

148 63.9 32.0 96.2



#78

Hexachloro-1,3-Butadiene

Concen: 8.892 ppbv

RT: 22.645 min Scan# 6233

Delta R.T. 0.000 min

Lab File: VL040462.D

Acq: 5 Jun 2023 20:27

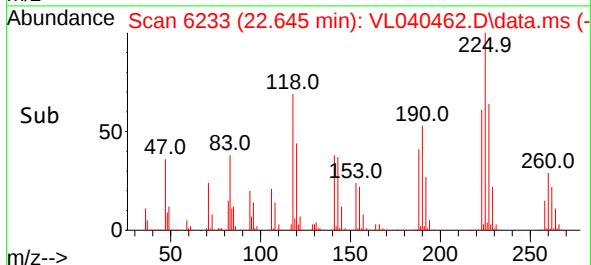
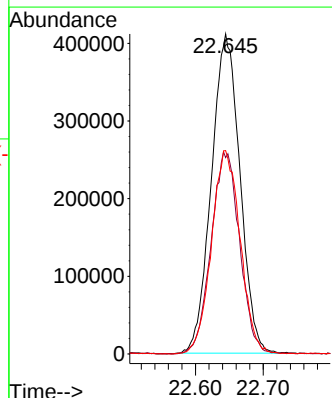
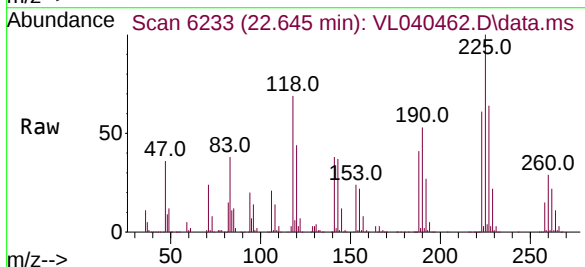
Tgt Ion:225 Resp: 1201659

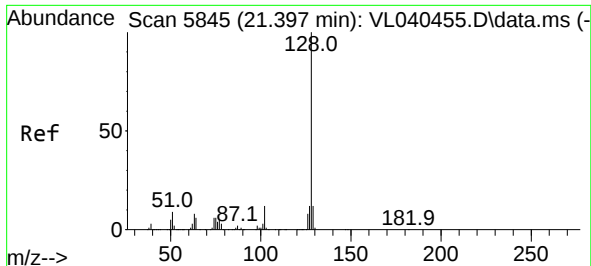
Ion Ratio Lower Upper

225 100

223 63.7 50.0 75.0

227 64.4 50.9 76.3

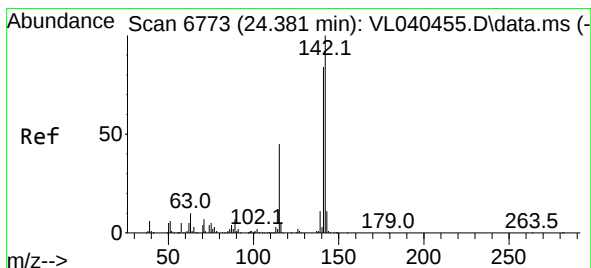
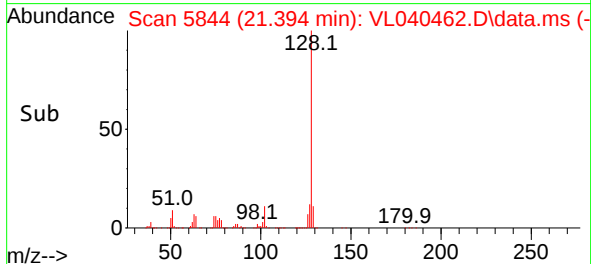
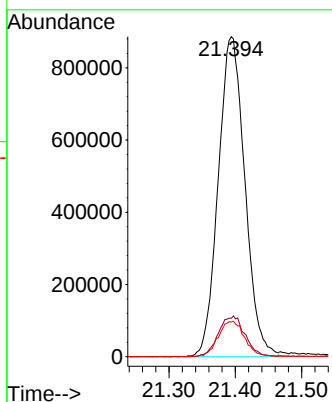
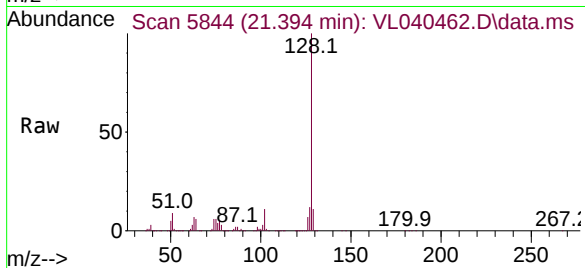




#79
Naphthalene
Concen: 12.972 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.003 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

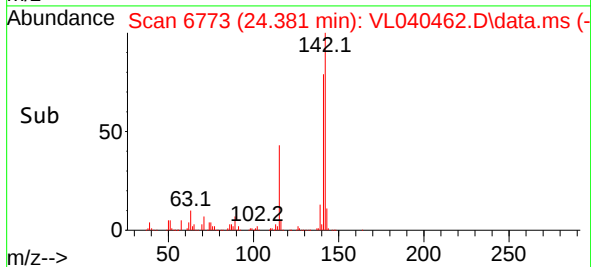
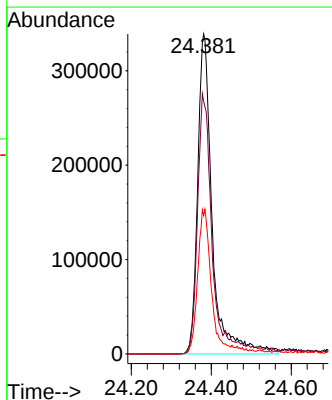
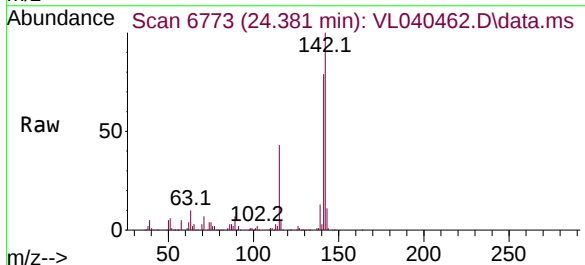
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060523

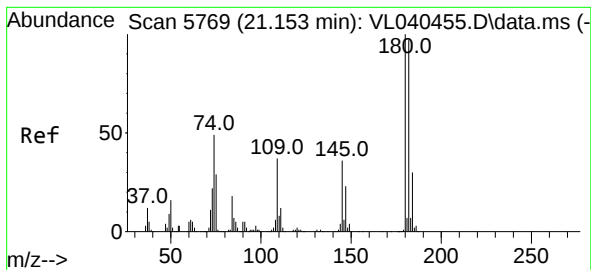
Tgt Ion:128 Resp: 2470530
Ion Ratio Lower Upper
128 100
127 12.0 9.9 14.9
129 10.8 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 15.124 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.000 min
Lab File: VL040462.D
Acq: 5 Jun 2023 20:27

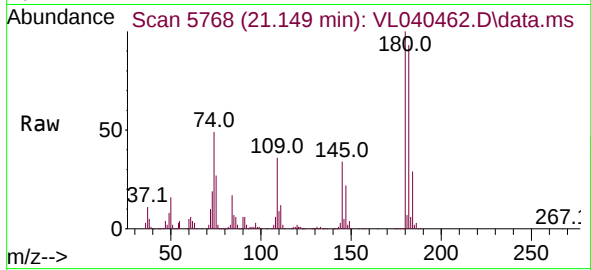
Tgt Ion:142 Resp: 864313
Ion Ratio Lower Upper
142 100
141 81.2 65.4 98.0
115 43.8 36.6 55.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.871 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040462.D
 Acq: 5 Jun 2023 20:27

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060523



Tgt Ion:180 Resp: 1400390

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.2	115.8
184	30.4	24.4	36.6

