

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040464.D
 Acq On : 15 Jun 2023 11:44
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Jun 16 05:34:32 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	1083664	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2713235	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2599898	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2159890	10.066	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2047361	8.681	ppbv	99
3) Chlorodifluoromethane	2.668	51	1638583	9.232	ppbv	98
4) Chloromethane	2.806	50	641160	9.332	ppbv	97
5) Vinyl Chloride	2.915	62	697388	10.171	ppbv	99
6) Bromomethane	3.115	94	344425	9.703	ppbv	94
7) Chloroethane	3.192	64	246278	9.618	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1737633	9.329	ppbv	100
9) Propene	2.687	41	513633	9.384	ppbv	100
10) Heptane	7.593	43	1294385	10.448	ppbv	100
11) Trichlorofluoromethane	3.558	101	1778821	9.262	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.066	101	1289901	9.615	ppbv	99
13) Ethanol	3.237	45	108530	9.575	ppbv	94
14) Bromoethene	3.362	108	539127	9.608	ppbv	100
15) Acetone	3.465	43	1157824	8.858	ppbv	99
16) 1,3-Butadiene	2.980	39	620956	9.761	ppbv	99
17) tert-Butyl alcohol	3.877	59	1076689	10.021	ppbv	99
18) 1,1-Dichloroethene	3.880	96	578762	9.682	ppbv	100
19) Isopropyl Alcohol	3.571	45	631230	10.020	ppbv	100
20) Methylene Chloride	3.931	84	483817	8.673	ppbv	97
21) Allyl Chloride	3.996	41	731999	9.915	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	584434	9.529	ppbv	99
23) Vinyl Acetate	4.629	43	1256615	9.843	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1229341	9.600	ppbv	100
25) Ethyl Acetate	5.211	43	2261860	9.550	ppbv	100
26) Hexane	5.217	57	1047196	9.337	ppbv	98
27) Carbon Disulfide	4.124	76	1480917	10.558	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	901666	10.443	ppbv	99
29) Chloroform	5.278	83	1801586	9.430	ppbv	99
30) Cyclohexane	6.613	84	872385	9.653	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	1095823	10.213	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1832757	9.719	ppbv	99
34) 2-Butanone	4.787	43	1225689	9.368	ppbv	99
35) Carbon Tetrachloride	6.504	117	1896715	10.258	ppbv	96
36) Benzene	6.378	78	2194198	10.167	ppbv	98
37) 1,2-Dichloroethane	5.815	62	1386752	9.863	ppbv	100
38) Trichloroethene	7.304	130	880993	10.774	ppbv	99
39) 1,2-Dichloropropane	7.085	63	836924	10.060	ppbv	98
40) 1,4-Dioxane	7.304	88	223528	9.485	ppbv #	100
41) Tetrahydrofuran	5.565	42	739944	10.347	ppbv	99
42) Bromodichloromethane	7.262	83	1977615	10.214	ppbv	99
43) Methyl Methacrylate	7.487	69	867568	11.190	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3563831	10.104	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	693829	12.120	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040464.D
 Acq On : 15 Jun 2023 11:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 16 05:34:32 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

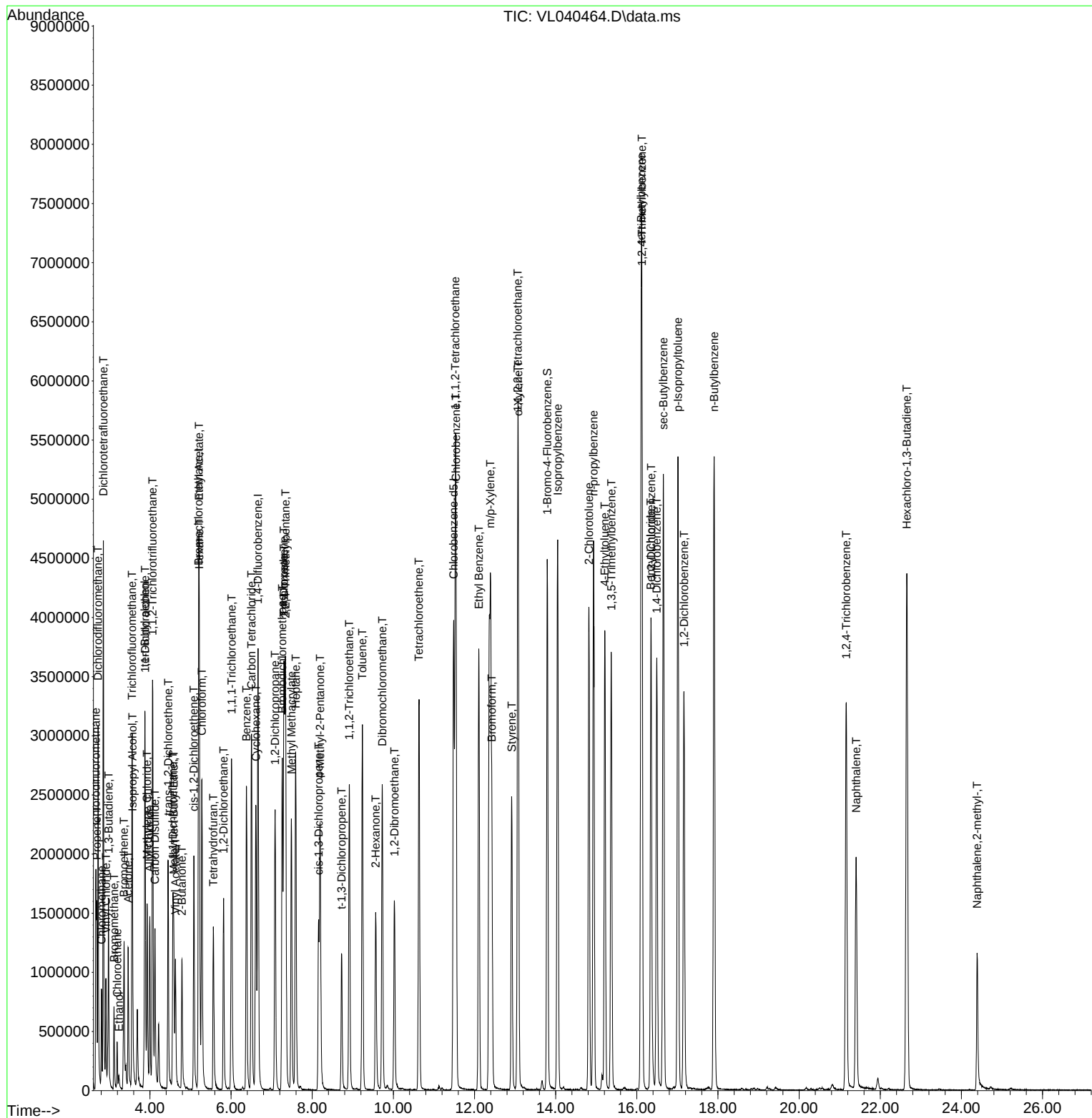
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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47) 1,1,2-Trichloroethane	8.915	97	917501	10.034	ppbv	96
48) Dibromochloromethane	9.728	129	1559806	10.670	ppbv	99
49) Bromoform	12.426	173	1202162	10.869	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1855157	10.587	ppbv	99
51) 2-Hexanone	9.564	43	1329104	10.925	ppbv	99
52) Tetrachloroethene	10.629	164	757538	11.179	ppbv	96
53) Toluene	9.237	91	2499599	10.996	ppbv	99
54) 1,2-Dibromoethane	10.024	107	1329518	11.091	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.529	131	1183540	9.686	ppbv	99
57) Chlorobenzene	11.545	112	1925326	9.798	ppbv	100
58) Ethyl Benzene	12.108	91	3431555	10.893	ppbv	100
59) m/p-Xylene	12.391	91	3071818	10.611	ppbv #	35
60) o-Xylene	13.079	91	2874370	10.468	ppbv	100
61) Styrene	12.915	104	1443826	12.218	ppbv	100
62) Isopropylbenzene	14.050	105	4175172	10.229	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1753787	9.864	ppbv	99
64) n-propylbenzene	14.934	120	1066166	10.288	ppbv	97
65) tert-Butylbenzene	16.108	119	3609752	10.308	ppbv	99
66) Benzyl Chloride	16.346	91	278961	10.337	ppbv	99
67) sec-Butylbenzene	16.654	105	5199654	10.182	ppbv	100
69) p-Isopropyltoluene	17.014	119	4273088	10.530	ppbv	99
70) n-Butylbenzene	17.905	91	4691351	10.357	ppbv	100
71) 2-Chlorotoluene	14.822	91	3223780	10.636	ppbv	100
72) 4-Ethyltoluene	15.211	105	3384607	10.944	ppbv	99
73) 1,3,5-Trimethylbenzene	15.371	105	2916994	10.671	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	3270221	10.169	ppbv	98
75) 1,3-Dichlorobenzene	16.352	146	1835453	10.175	ppbv	99
76) 1,4-Dichlorobenzene	16.493	146	1802917	10.278	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	1704570	10.003	ppbv	99
78) Hexachloro-1,3-Butadiene	22.654	225	682930	5.196	ppbv #	34
79) Naphthalene	21.406	128	2440988	13.179	ppbv	100
80) Naphthalene,2-methyl-	24.387	142	767413	13.807	ppbv	98
81) 1,2,4-Trichlorobenzene	21.159	180	1388096	12.098	ppbv	99

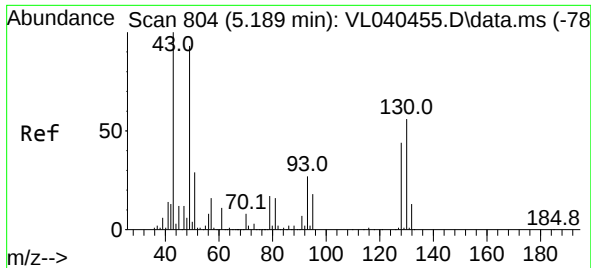
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\  
Data File : VL040464.D  
Acq On    : 15 Jun 2023  11:44  
Operator  : SY/MD  
Sample    : VSTDCCC010  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1      Sample Multiplier: 1
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Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Jun 16 05:34:32 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

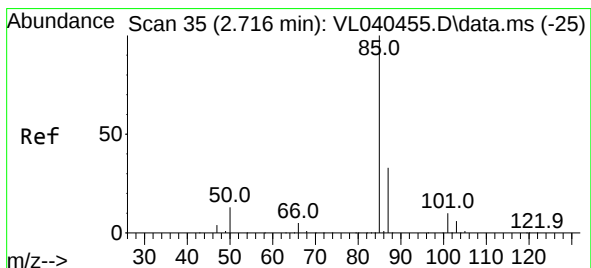
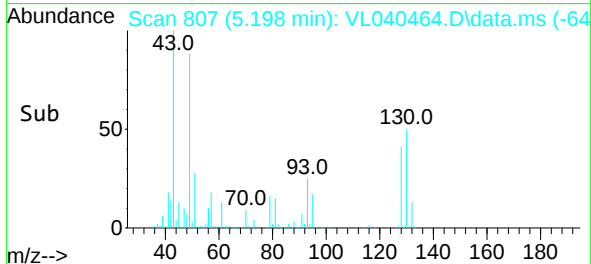
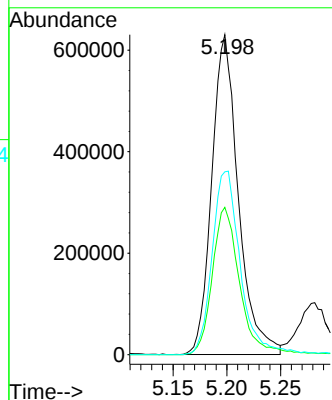
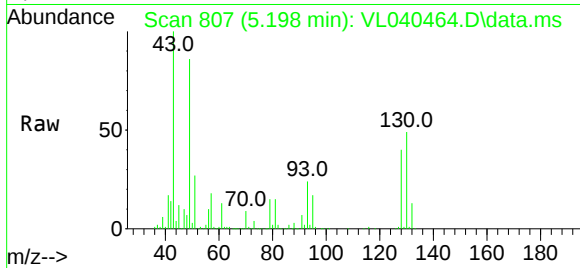




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

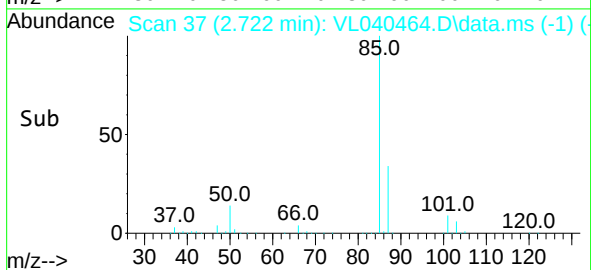
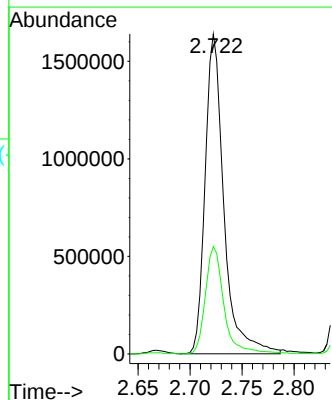
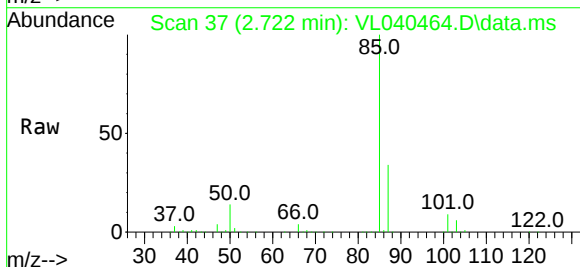
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

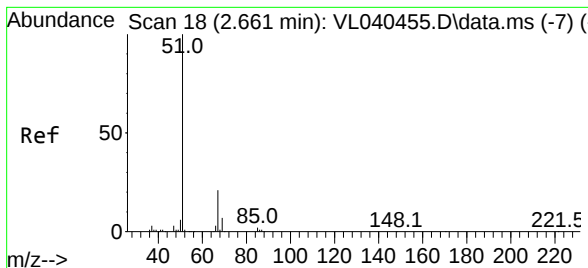
Tgt Ion: 49 Resp: 1083664
Ion Ratio Lower Upper
49 100
128 47.9 24.7 74.1
130 61.6 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 8.681 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 85 Resp: 2047361
Ion Ratio Lower Upper
85 100
87 33.6 26.6 39.8





#3

Chlorodifluoromethane

Concen: 9.232 ppbv

RT: 2.668 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

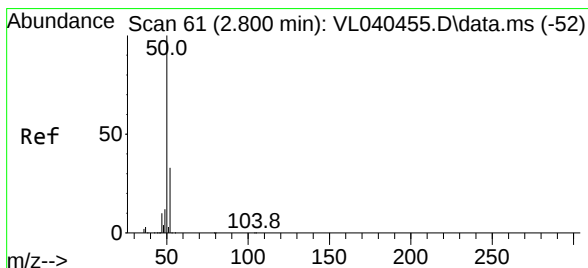
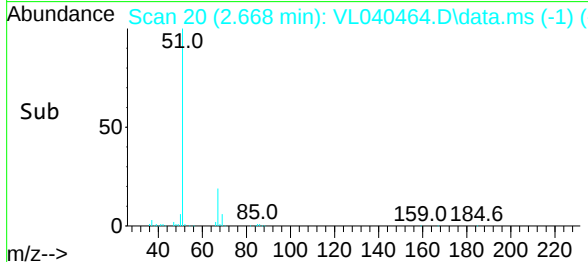
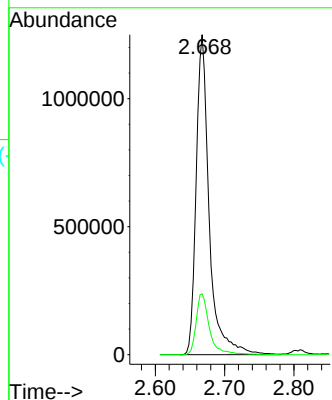
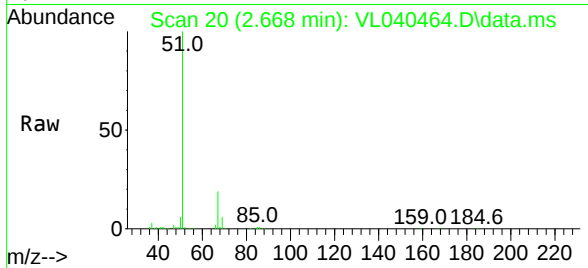
VSTDCCC010

Tgt Ion: 51 Resp: 1638583

Ion Ratio Lower Upper

51 100

67 19.5 16.3 24.5



#4

Chloromethane

Concen: 9.332 ppbv

RT: 2.806 min Scan# 63

Delta R.T. 0.006 min

Lab File: VL040464.D

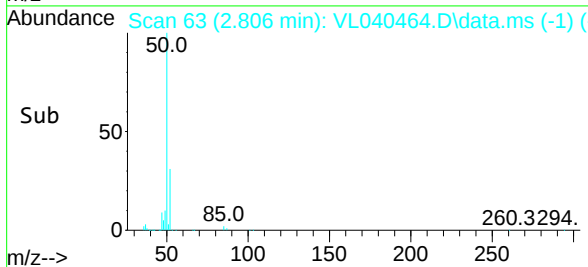
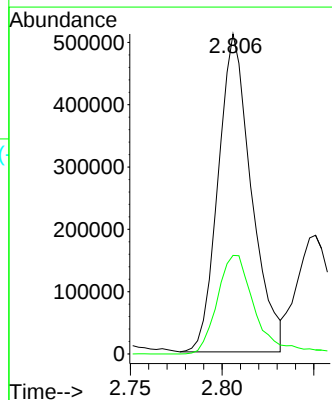
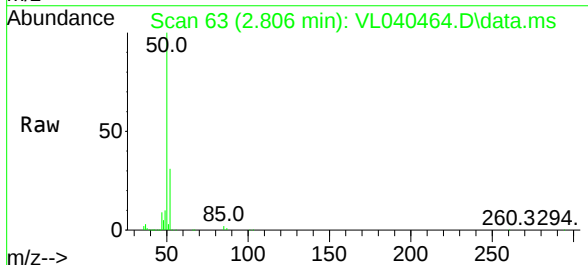
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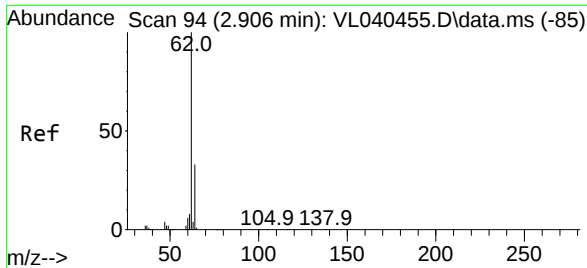
Tgt Ion: 50 Resp: 641160

Ion Ratio Lower Upper

50 100

52 31.0 26.3 39.5

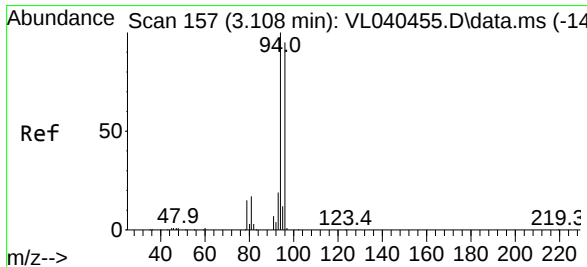
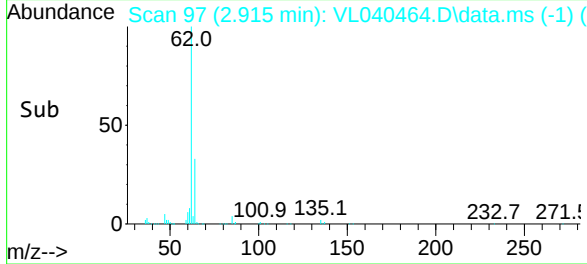
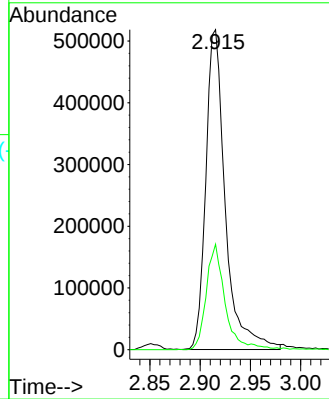
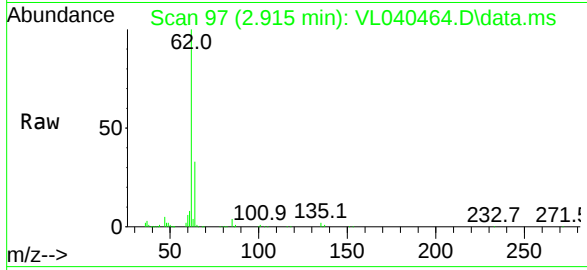




#5
 Vinyl Chloride
 Concen: 10.171 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

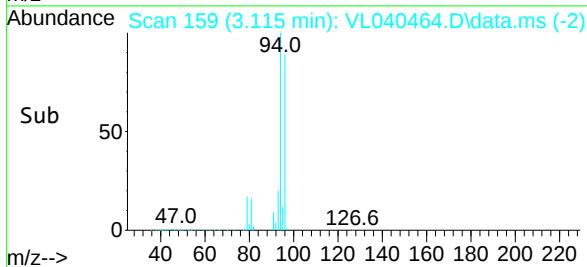
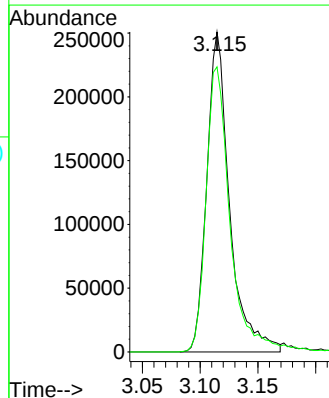
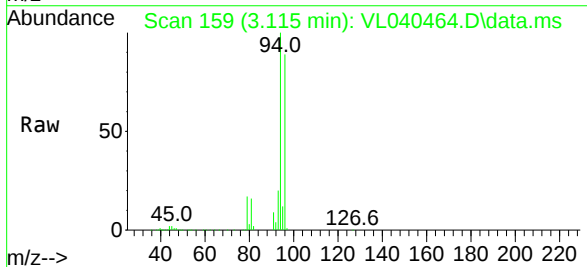
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

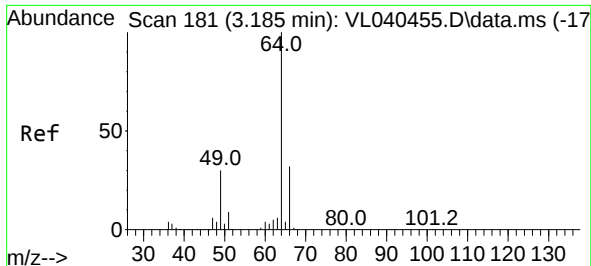
Tgt Ion: 62 Resp: 697388
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.8 40.2



#6
 Bromomethane
 Concen: 9.703 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 94 Resp: 344425
 Ion Ratio Lower Upper
 94 100
 96 89.0 75.8 113.8

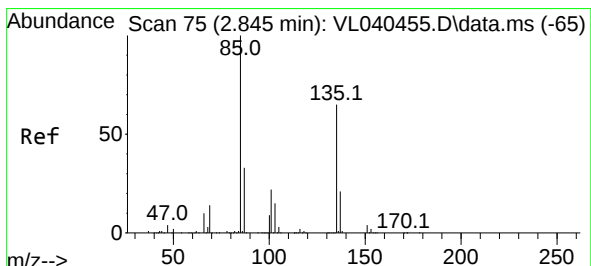
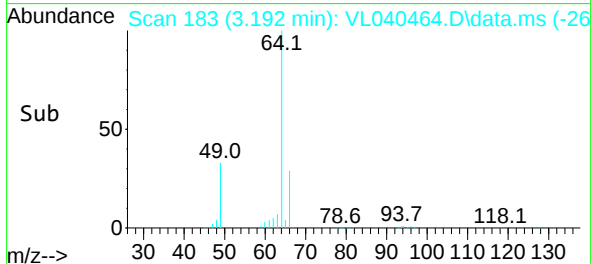
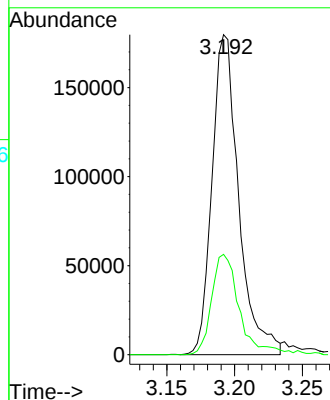
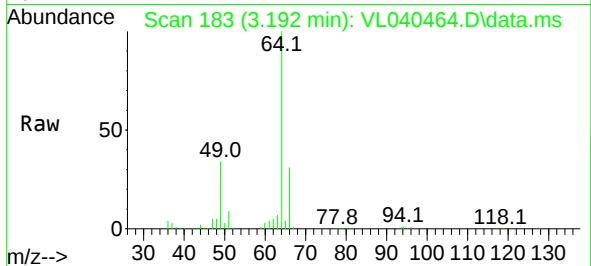




#7
Chloroethane
Concen: 9.618 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

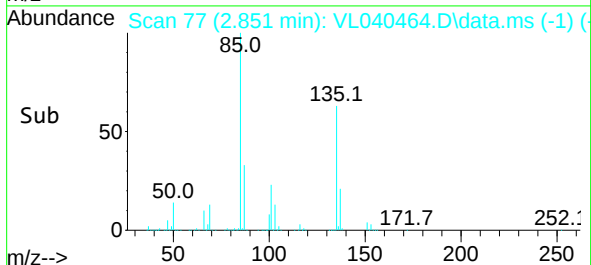
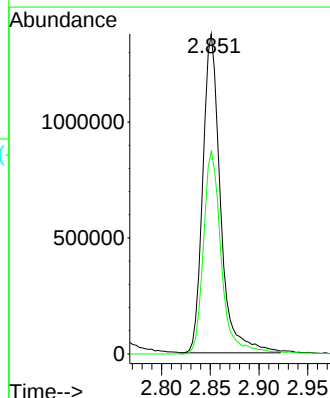
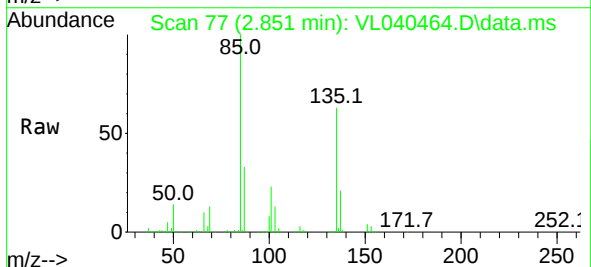
Instrument :
MSVOA_L
ClientSampleId :
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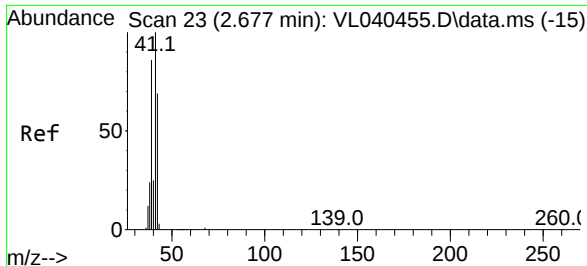
Tgt Ion: 64 Resp: 246278
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.329 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 85 Resp: 1737633
Ion Ratio Lower Upper
85 100
135 65.1 52.0 78.0





#9

Propene

Concen: 9.384 ppbv

RT: 2.687 min Scan# 2

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_1

ClientSampleId :

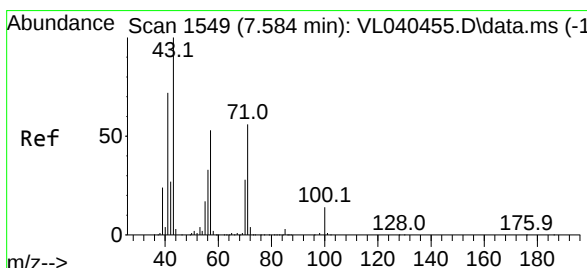
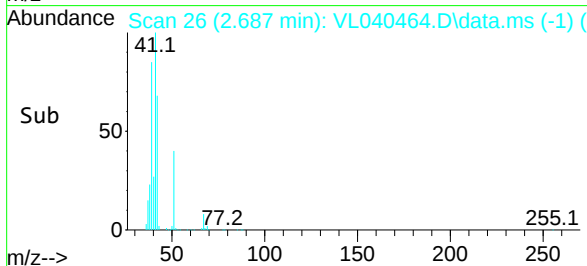
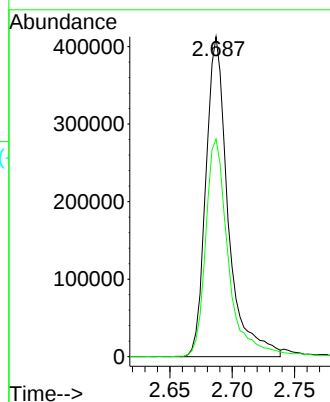
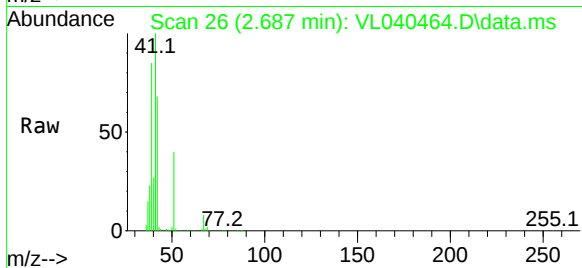
VSTDCCC010

Tgt Ion: 41 Resp: 513633

Ion Ratio Lower Upper

41 100

42 70.6 56.2 84.2



#10

Heptane

Concen: 10.448 ppbv

RT: 7.593 min Scan# 1552

Delta R.T. 0.010 min

Lab File: VL040464.D

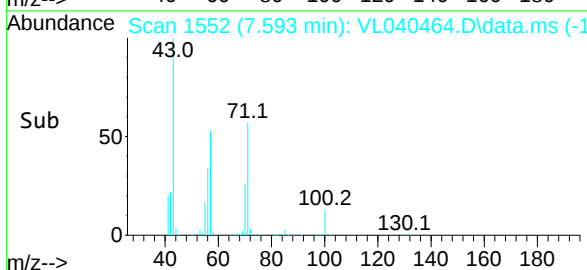
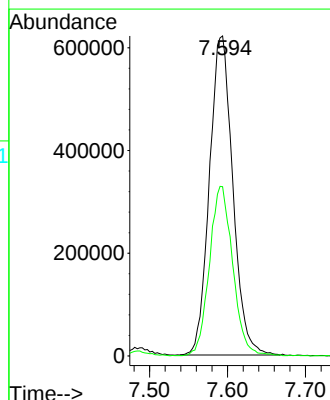
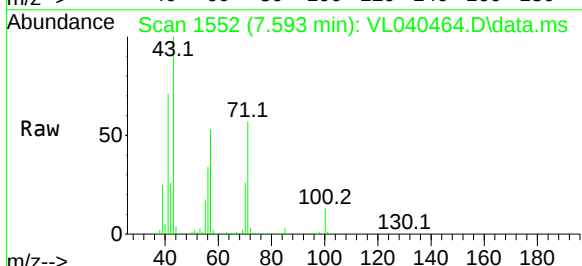
Acq: 15 Jun 2023 11:44

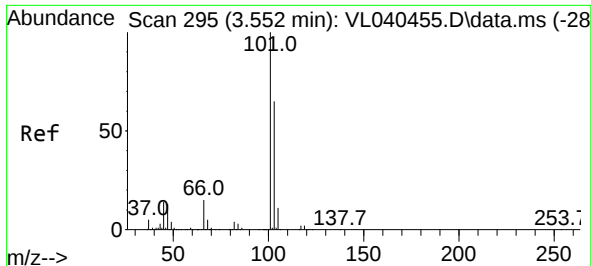
Tgt Ion: 43 Resp: 1294385

Ion Ratio Lower Upper

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57 53.4 42.5 63.7

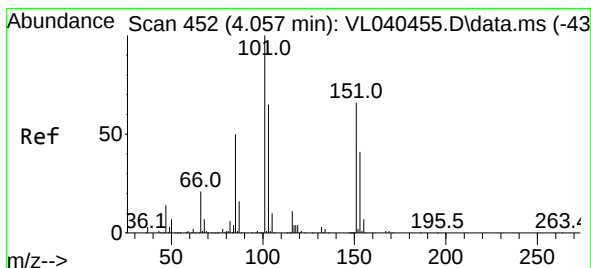
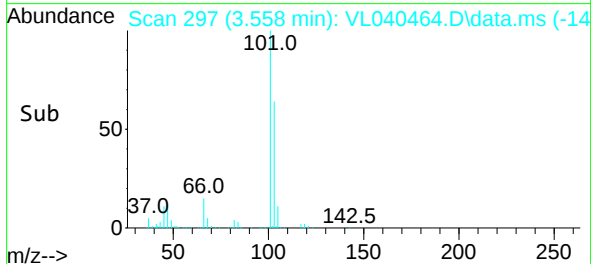
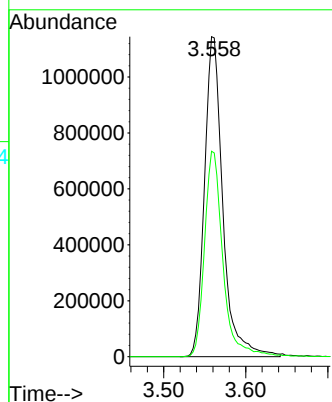
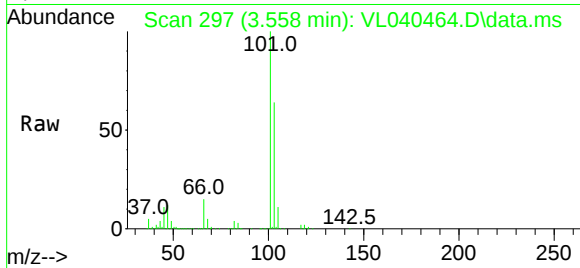




#11
 Trichlorofluoromethane
 Concen: 9.262 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

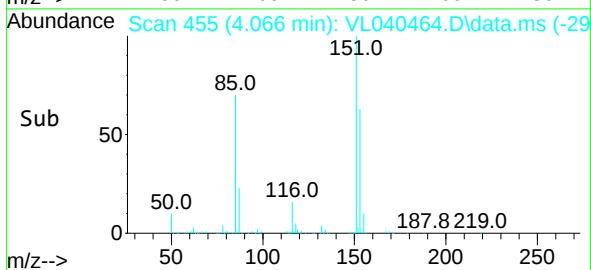
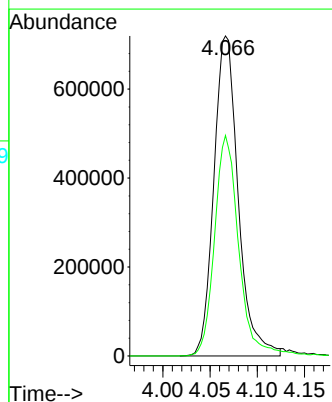
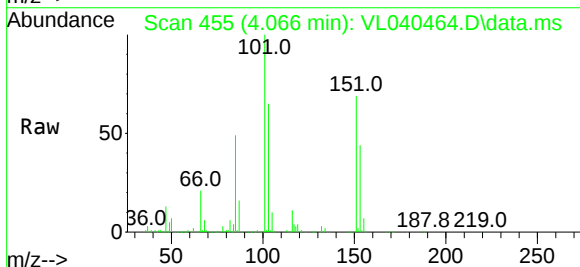
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

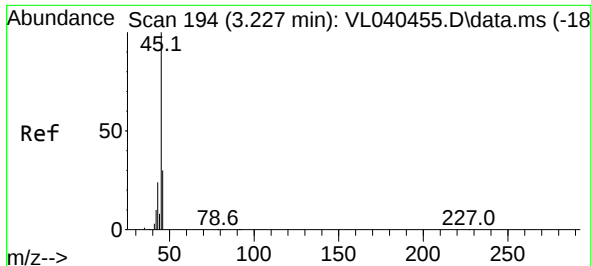
Tgt Ion:101 Resp: 1778821
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.615 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion:101 Resp: 1289901
 Ion Ratio Lower Upper
 101 100
 151 68.9 54.3 81.5

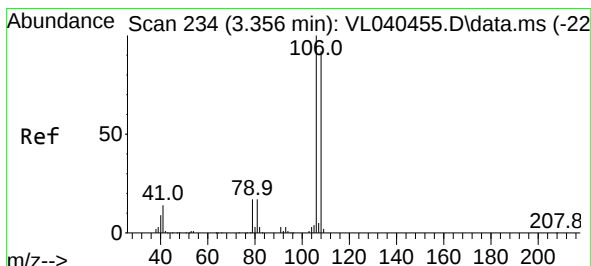
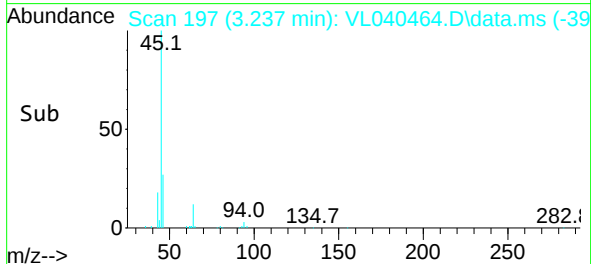
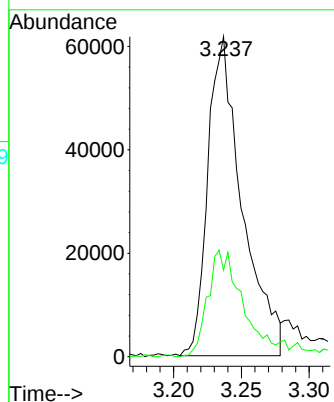
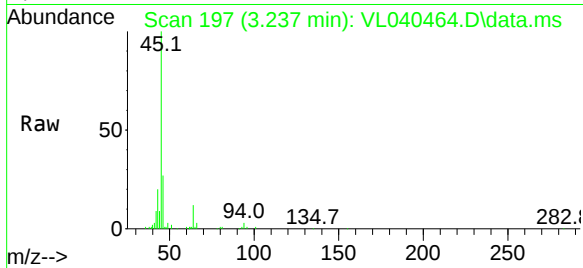




#13
 Ethanol
 Concen: 9.575 ppbv
 RT: 3.237 min Scan# 194
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

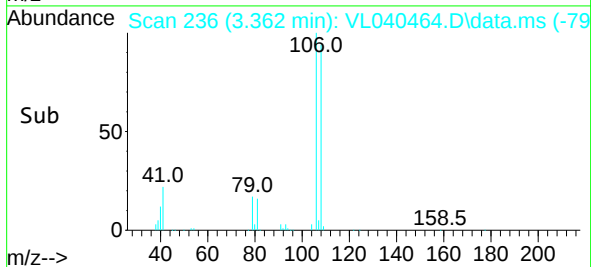
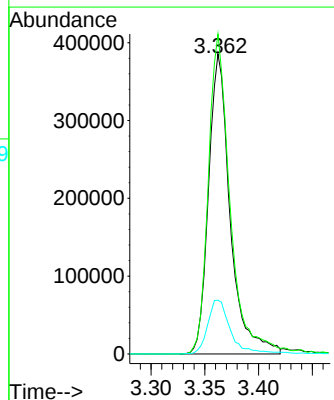
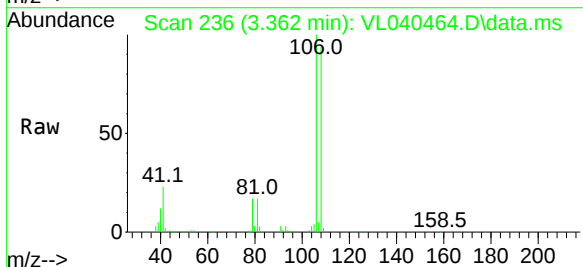
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

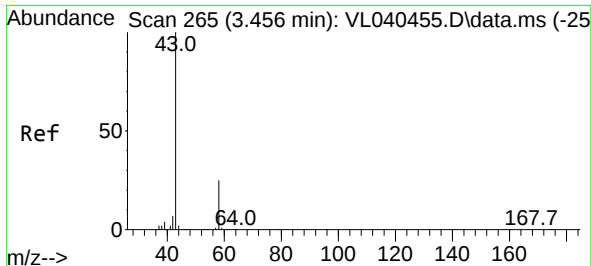
Tgt Ion: 45 Resp: 108530
 Ion Ratio Lower Upper
 45 100
 46 39.9 14.5 58.1



#14
 Bromoethene
 Concen: 9.608 ppbv
 RT: 3.362 min Scan# 236
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 108 Resp: 539127
 Ion Ratio Lower Upper
 108 100
 106 109.1 87.4 131.0
 79 19.5 15.9 23.9

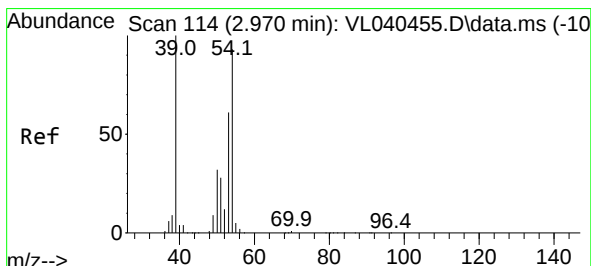
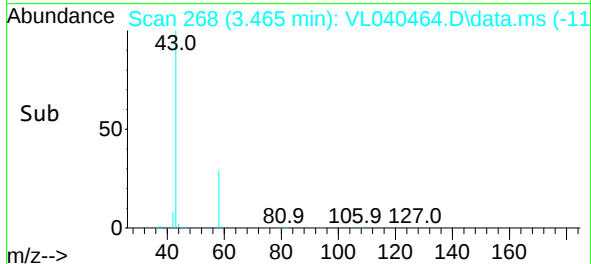
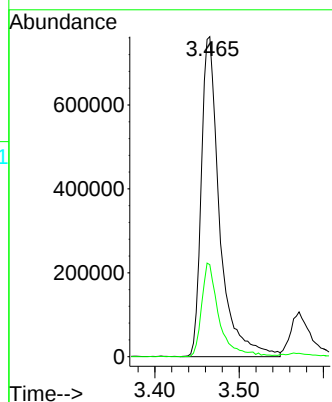
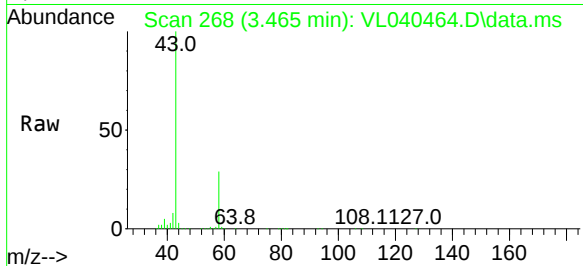




#15
Acetone
Concen: 8.858 ppbv
RT: 3.465 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

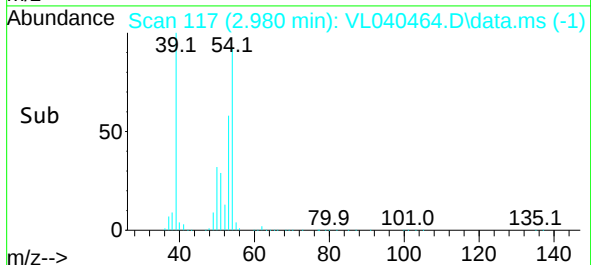
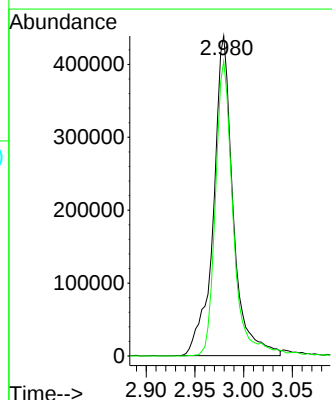
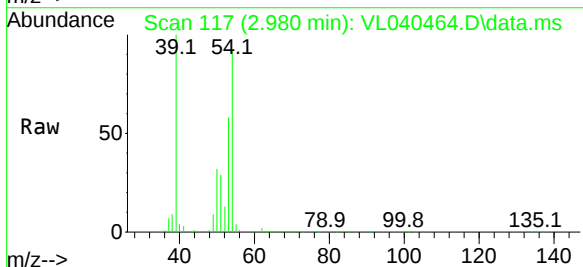
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

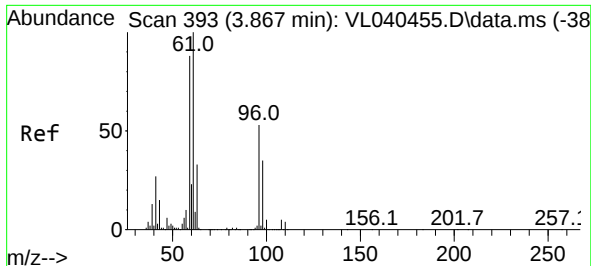
Tgt Ion: 43 Resp: 1157824
Ion Ratio Lower Upper
43 100
58 27.7 21.6 32.4



#16
1,3-Butadiene
Concen: 9.761 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 39 Resp: 620956
Ion Ratio Lower Upper
39 100
54 84.2 66.9 100.3





#17

tert-Butyl alcohol

Concen: 10.021 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

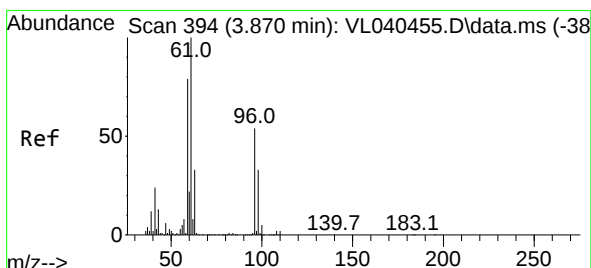
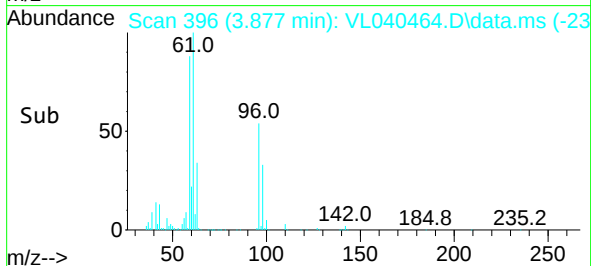
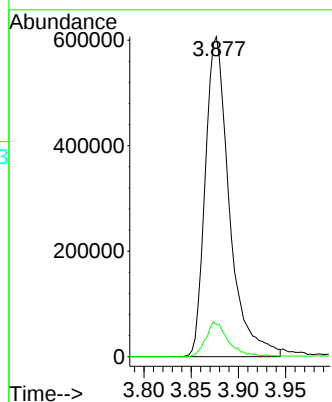
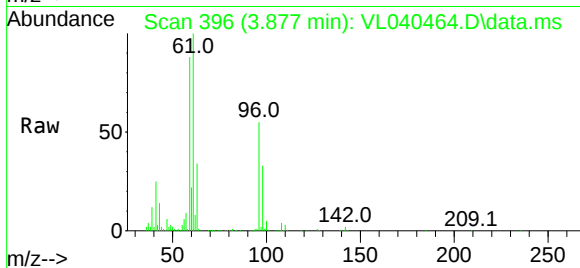
VSTDCCC010

Tgt Ion: 59 Resp: 1076689

Ion Ratio Lower Upper

59 100

57 10.4 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: VL040464.D

Acq: 15 Jun 2023 11:44

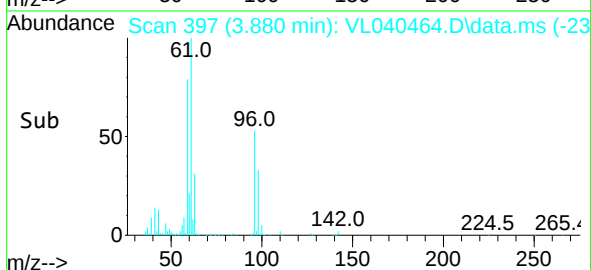
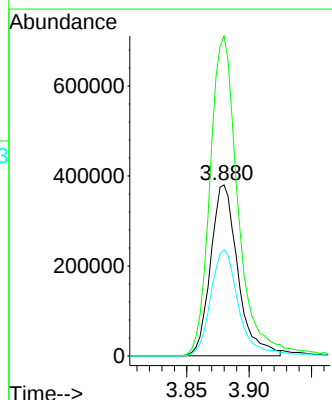
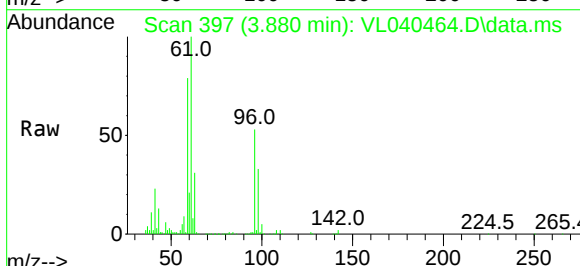
Tgt Ion: 96 Resp: 578762

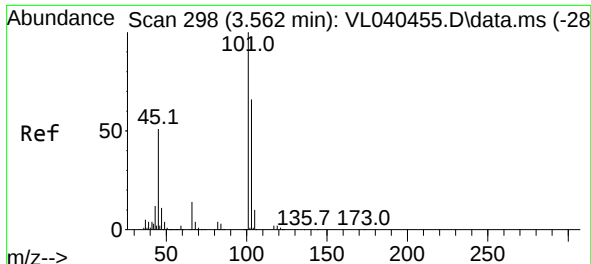
Ion Ratio Lower Upper

96 100

61 187.0 149.5 224.3

98 62.0 48.7 73.1





#19

Isopropyl Alcohol

Concen: 10.020 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

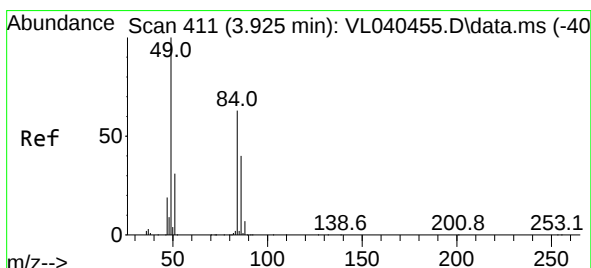
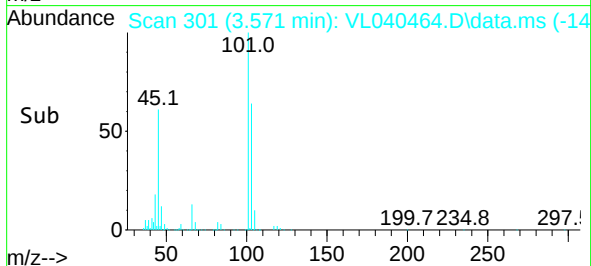
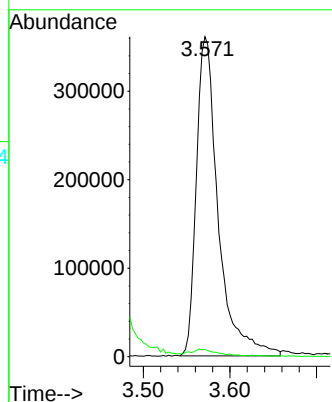
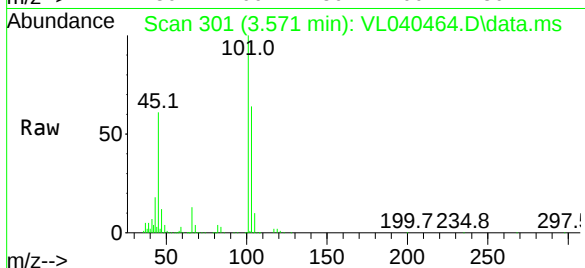
VSTDCCC010

Tgt Ion: 45 Resp: 631230

Ion Ratio Lower Upper

45 100

58 3.3 2.6 4.0



#20

Methylene Chloride

Concen: 8.673 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Tgt Ion: 84 Resp: 483817

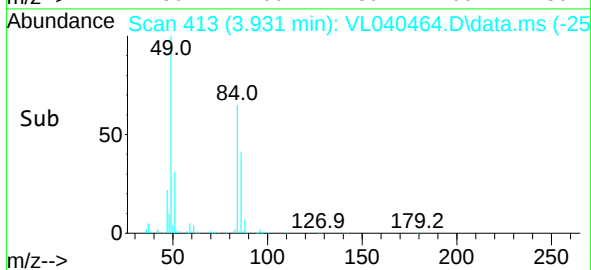
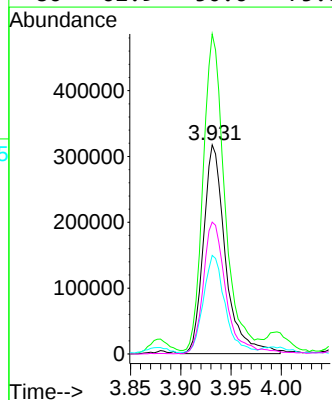
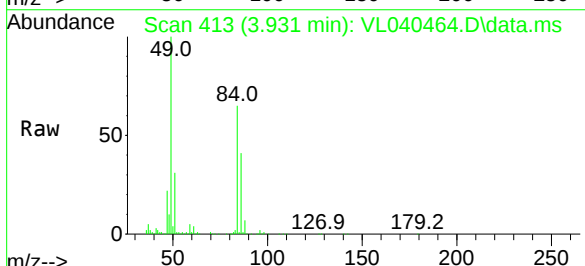
Ion Ratio Lower Upper

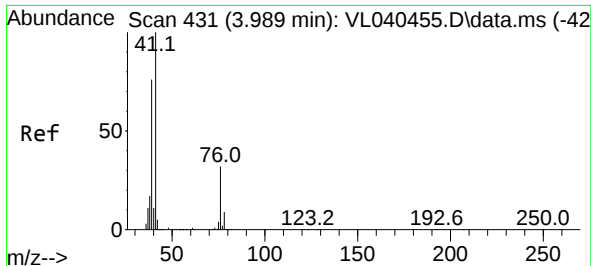
84 100

49 151.6 126.2 189.2

51 46.4 38.7 58.1

86 62.9 50.6 75.8





#21

Allyl Chloride

Concen: 9.915 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

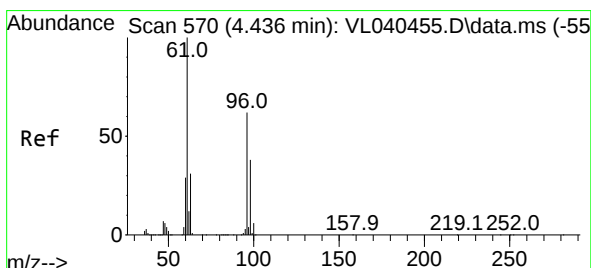
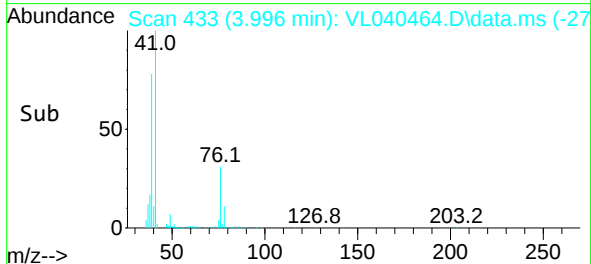
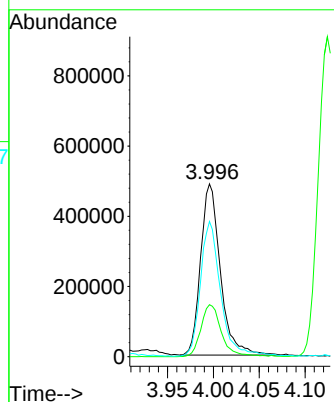
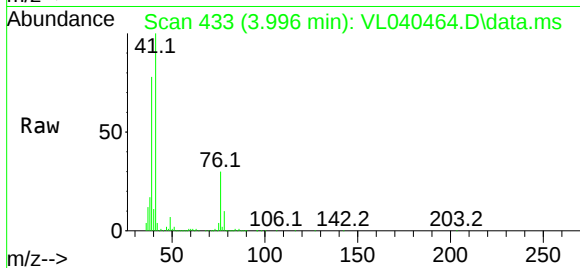
Tgt Ion: 41 Resp: 731999

Ion Ratio Lower Upper

41 100

76 31.7 26.1 39.1

39 80.6 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 9.529 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.013 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

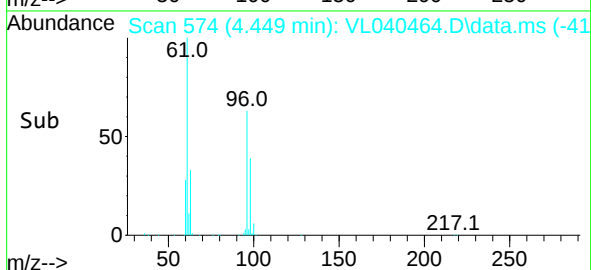
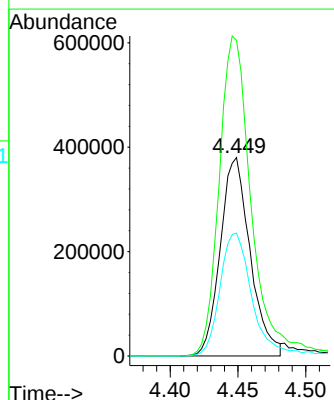
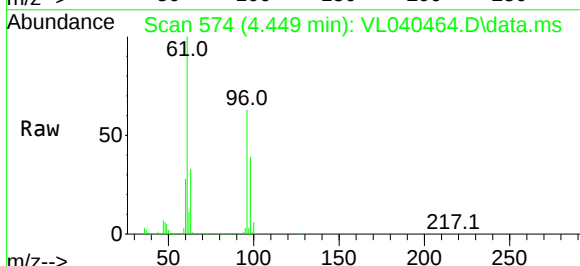
Tgt Ion: 96 Resp: 584434

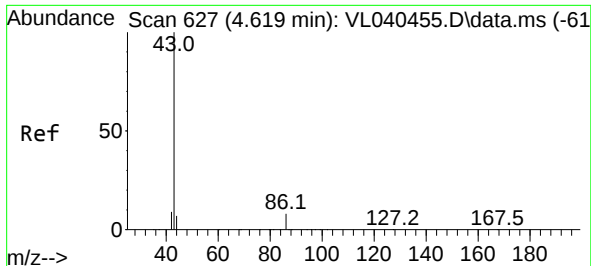
Ion Ratio Lower Upper

96 100

61 159.1 128.1 192.1

98 61.8 48.2 72.4



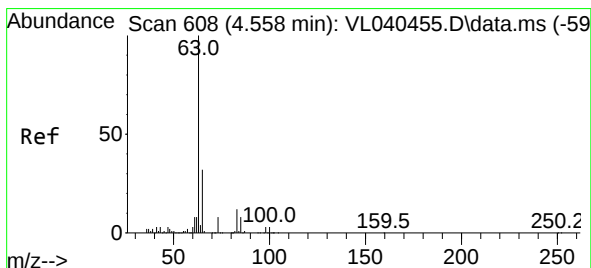
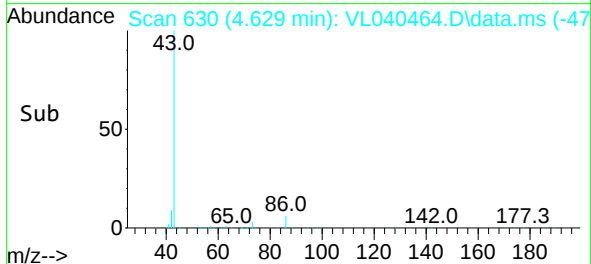
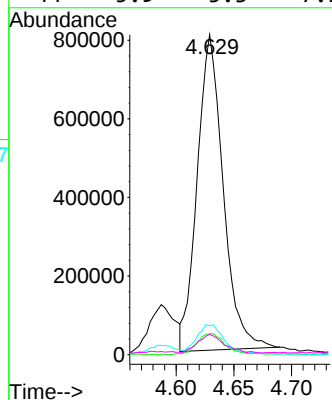
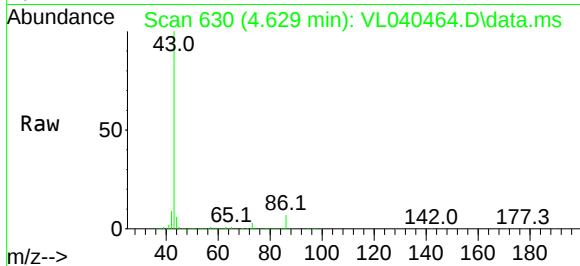


#23
 Vinyl Acetate
 Concen: 9.843 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1256615

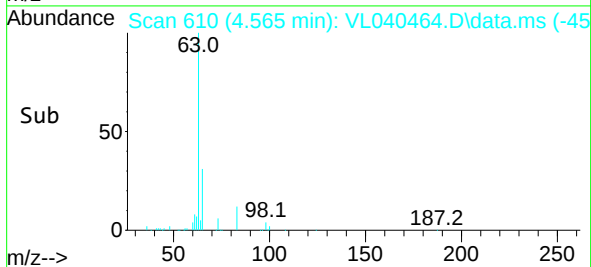
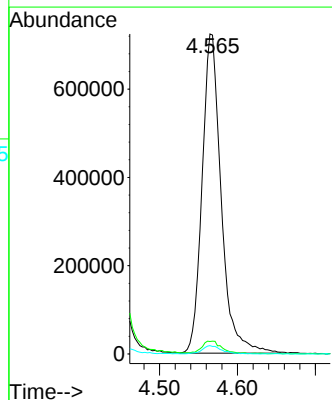
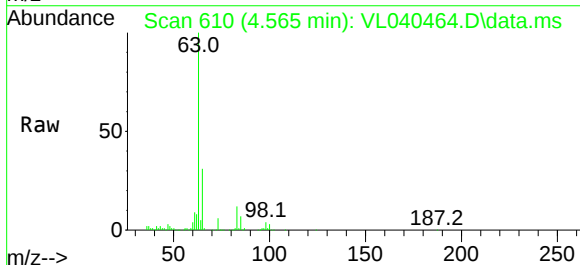
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	8.9	7.4	11.2
44	5.9	5.3	7.9

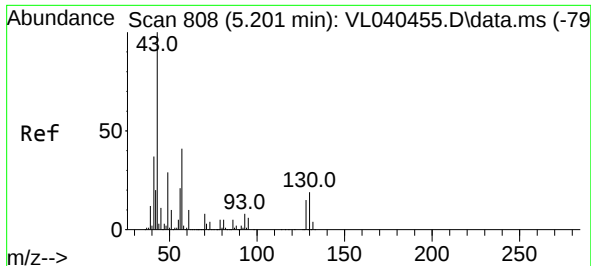


#24
 1,1-Dichloroethane
 Concen: 9.600 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 63 Resp: 1229341

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.5	1.4	4.0



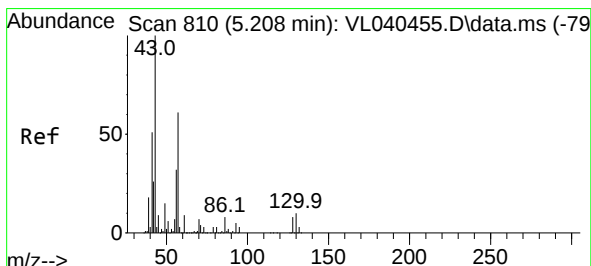
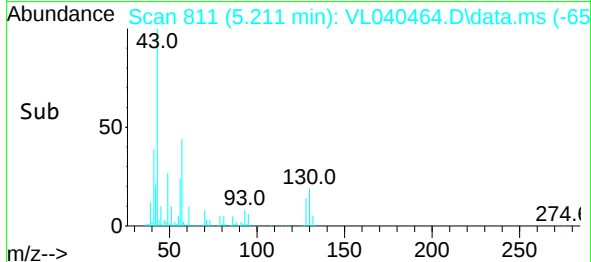
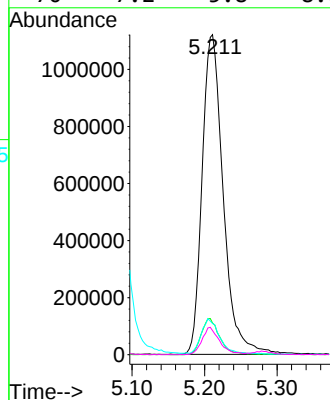
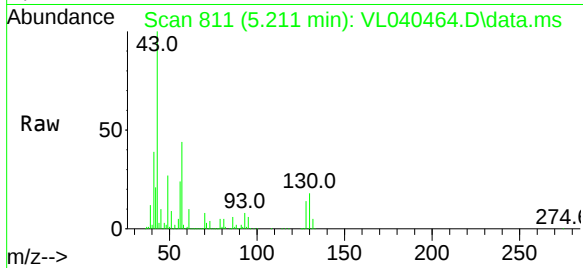


#25
Ethyl Acetate
Concen: 9.550 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2261860

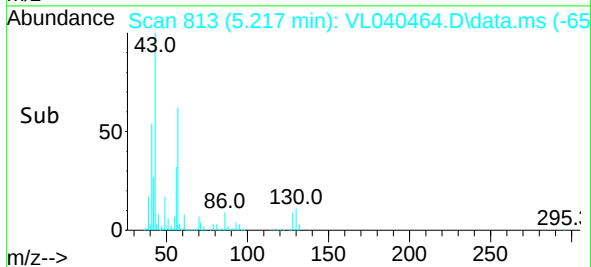
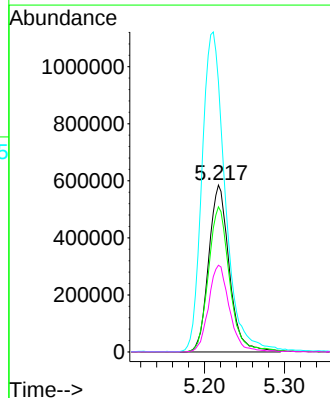
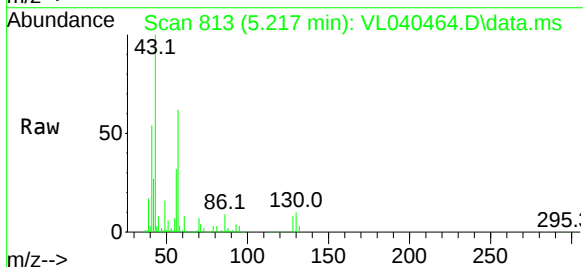
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	10.3	8.1	12.1
70	7.2	5.8	8.6

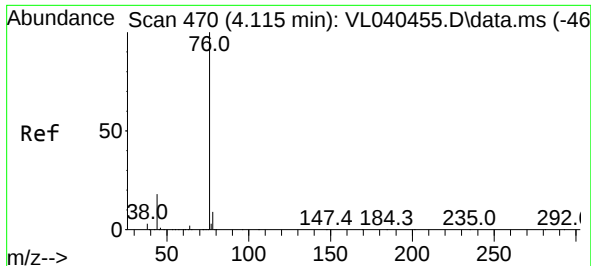


#26
Hexane
Concen: 9.337 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 57 Resp: 1047196

Ion	Ratio	Lower	Upper
57	100		
41	90.4	73.0	109.6
43	217.5	177.5	266.3
56	53.4	43.6	65.4

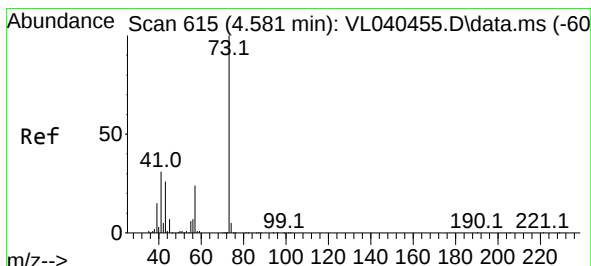
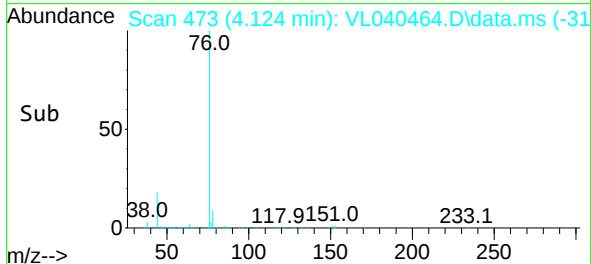
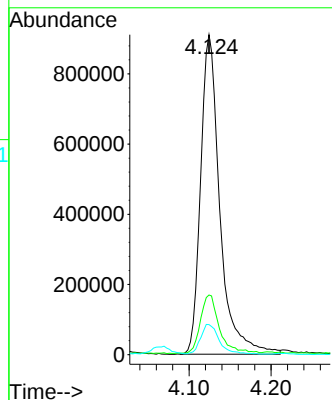
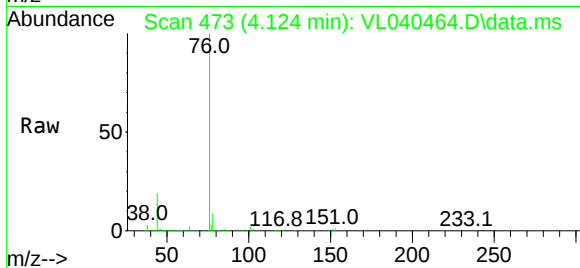




#27
Carbon Disulfide
Concen: 10.558 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

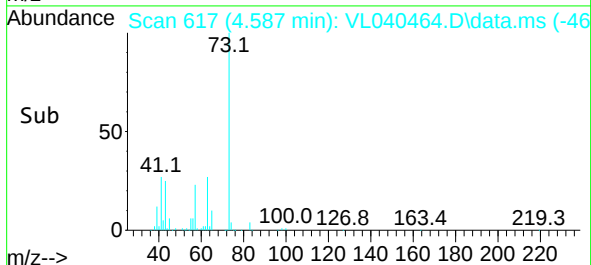
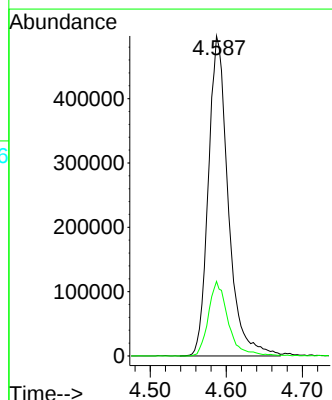
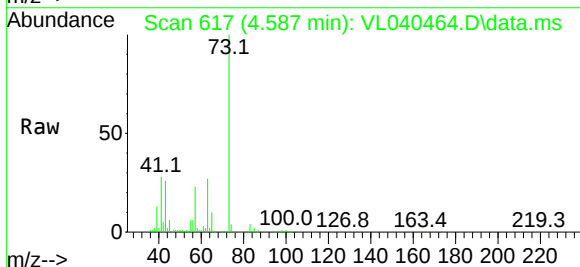
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

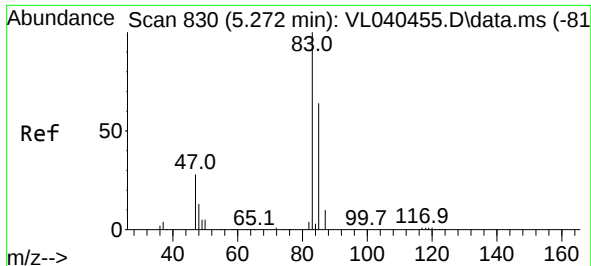
Tgt Ion: 76 Resp: 1480917
Ion Ratio Lower Upper
76 100
44 18.5 14.6 22.0
78 9.5 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 10.443 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 73 Resp: 901666
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.4

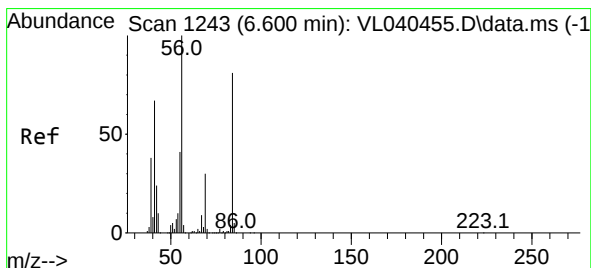
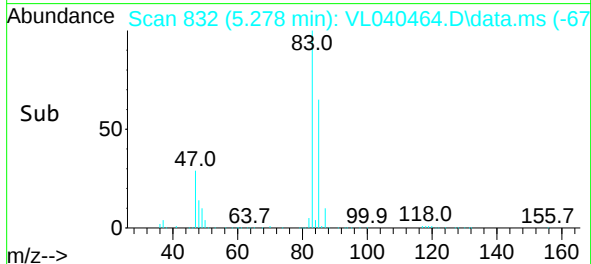
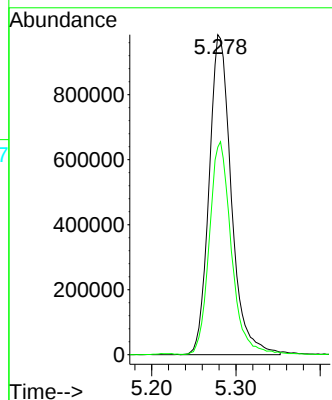
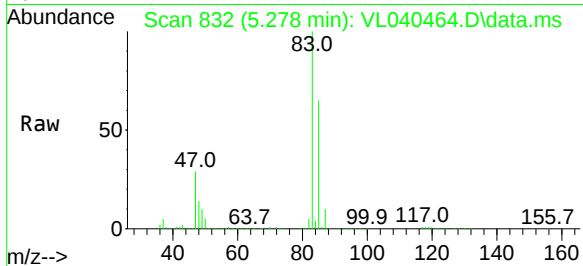




#29
Chloroform
Concen: 9.430 ppbv
RT: 5.278 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

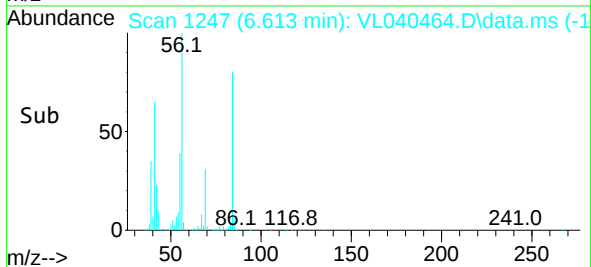
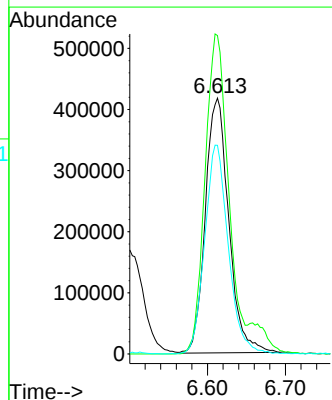
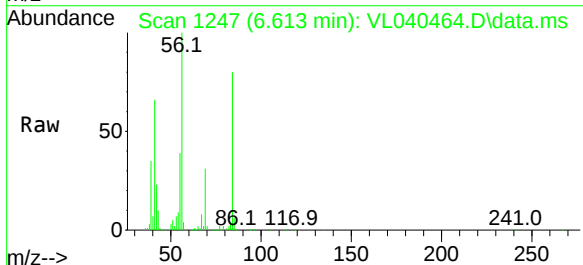
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

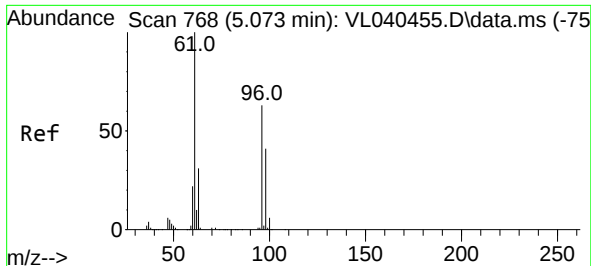
Tgt Ion: 83 Resp: 1801586
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7



#30
Cyclohexane
Concen: 9.653 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 84 Resp: 872385
Ion Ratio Lower Upper
84 100
56 133.7 106.0 159.0
41 82.5 66.8 100.2

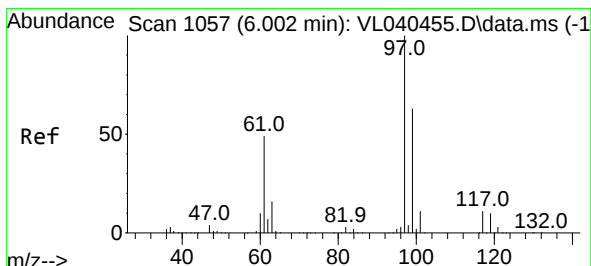
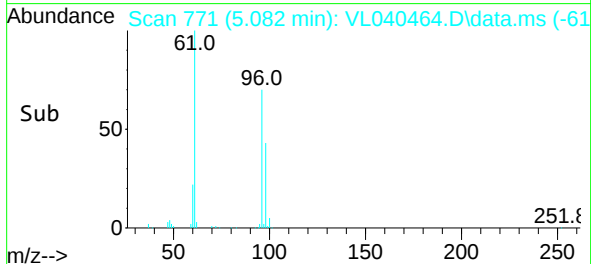
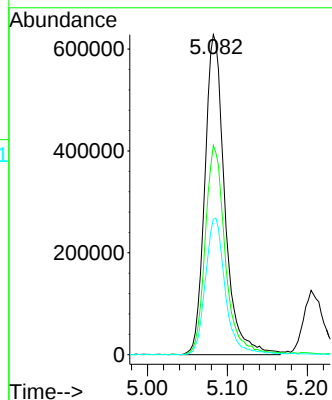
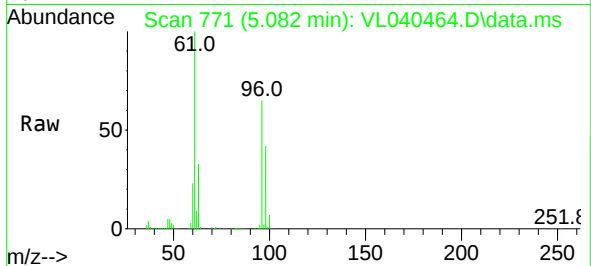




#31
cis-1,2-Dichloroethene
Concen: 10.213 ppbv
RT: 5.082 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

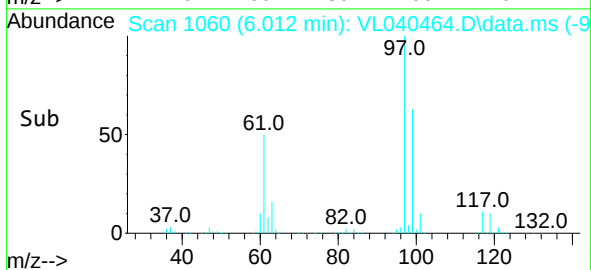
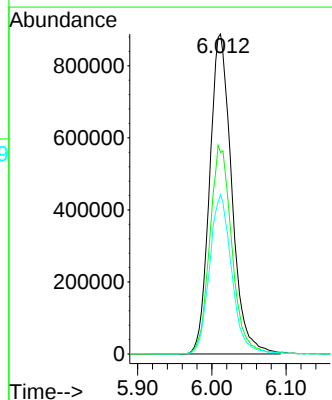
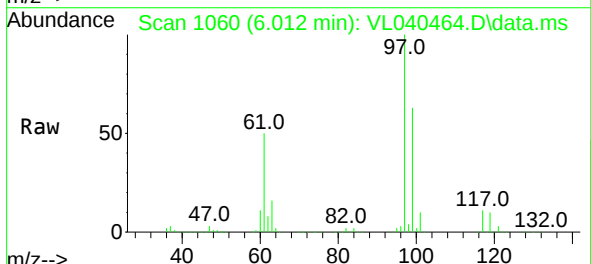
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

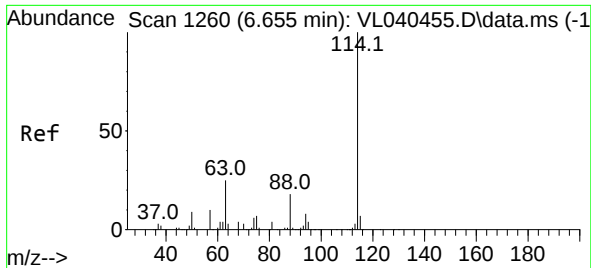
Tgt Ion: 61 Resp: 1095823
Ion Ratio Lower Upper
61 100
96 65.3 50.2 75.4
98 42.3 32.9 49.3



#32
1,1,1-Trichloroethane
Concen: 9.719 ppbv
RT: 6.012 min Scan# 1060
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 97 Resp: 1832757
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 50.1 39.7 59.5

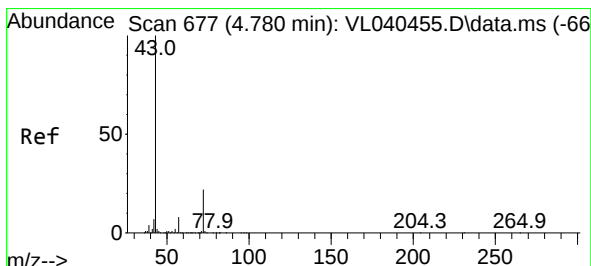
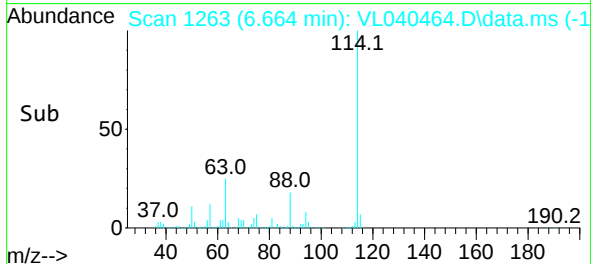
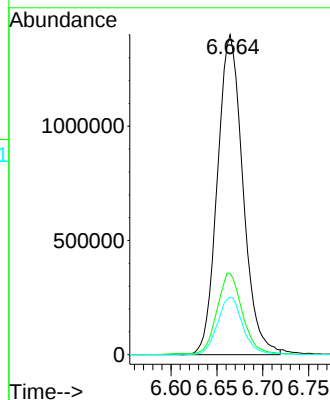
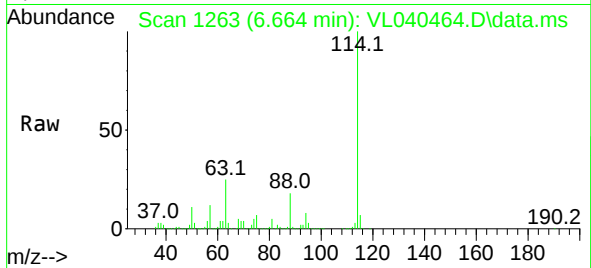




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.664 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

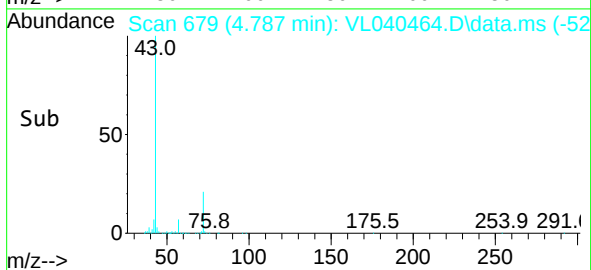
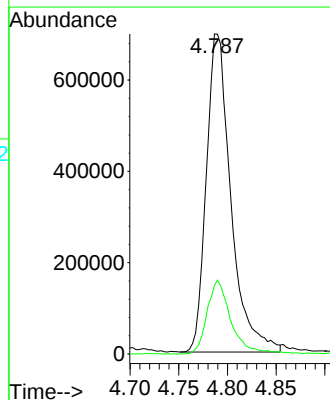
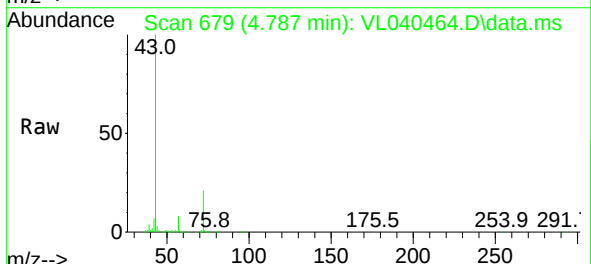
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

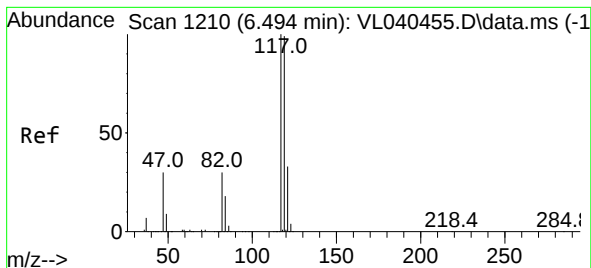
Tgt Ion:114 Resp: 2713235
 Ion Ratio Lower Upper
 114 100
 63 25.9 21.0 31.6
 88 17.9 14.5 21.7



#34
 2-Butanone
 Concen: 9.368 ppbv
 RT: 4.787 min Scan# 679
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 43 Resp: 1225689
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.1 27.1





#35

Carbon Tetrachloride

Concen: 10.258 ppbv

RT: 6.504 min Scan# 1174

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

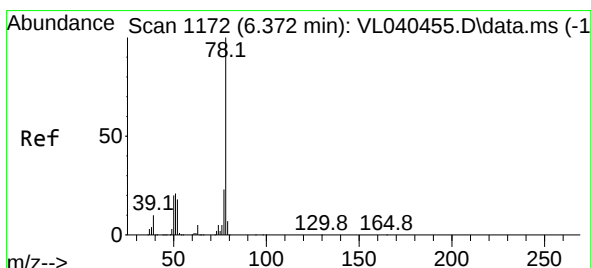
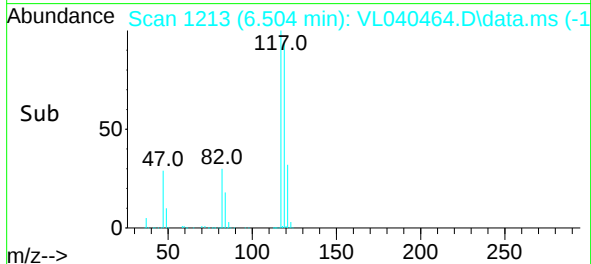
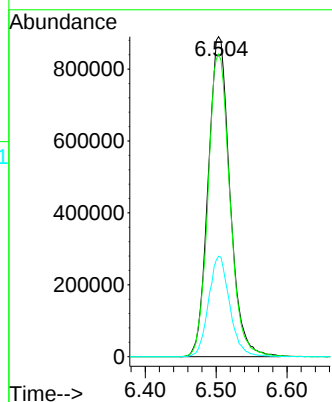
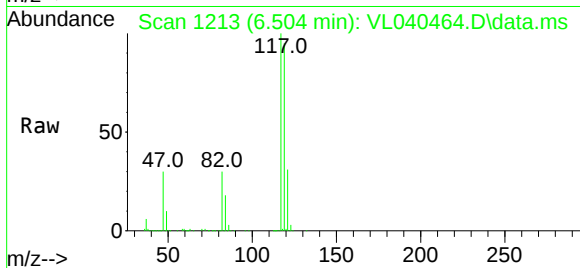
Tgt Ion:117 Resp: 1896715

Ion Ratio Lower Upper

117 100

119 94.5 79.1 118.7

121 31.4 26.0 39.0



#36

Benzene

Concen: 10.167 ppbv

RT: 6.378 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

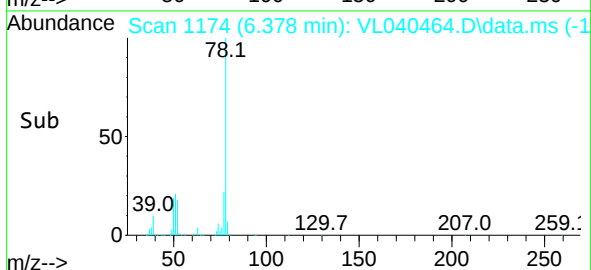
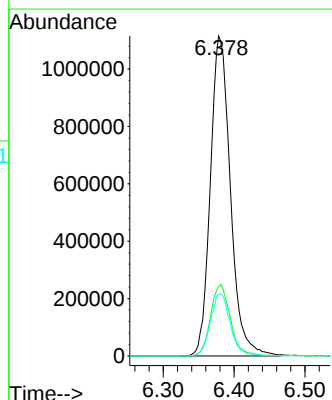
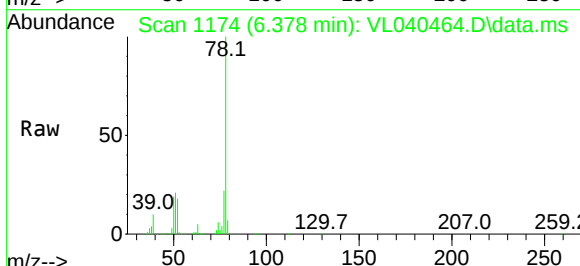
Tgt Ion: 78 Resp: 2194198

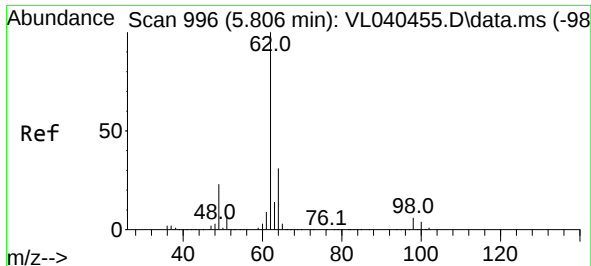
Ion Ratio Lower Upper

78 100

77 21.7 18.5 27.7

50 19.2 16.1 24.1

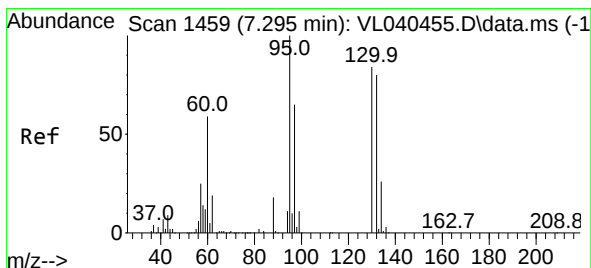
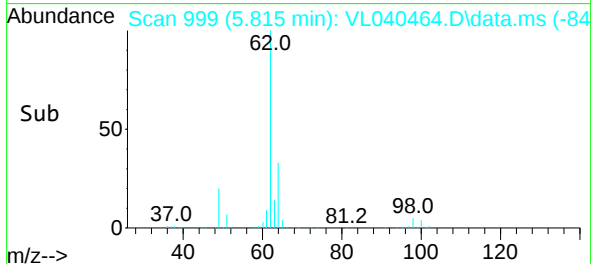
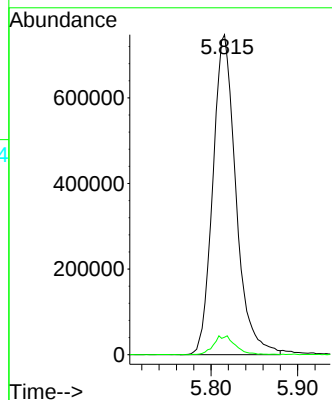
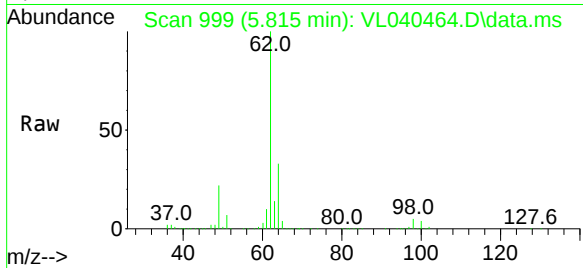




#37
1,2-Dichloroethane
Concen: 9.863 ppbv
RT: 5.815 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

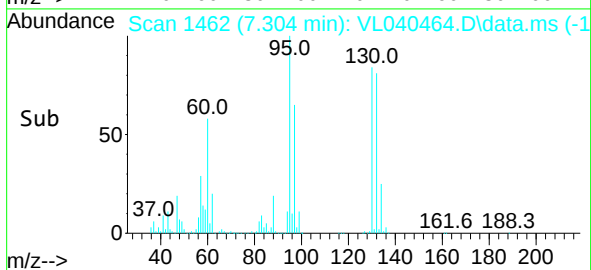
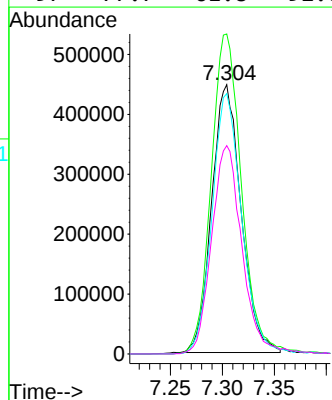
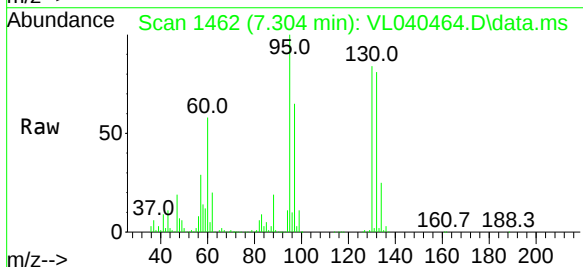
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

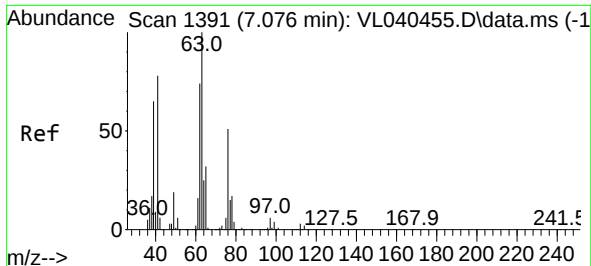
Tgt Ion: 62 Resp: 1386752
Ion Ratio Lower Upper
62 100
98 5.6 4.6 6.8



#38
Trichloroethene
Concen: 10.774 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:130 Resp: 880993
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 97.0 76.3 114.5
97 77.7 61.8 92.6





#39

1,2-Dichloropropane

Concen: 10.060 ppbv

RT: 7.085 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

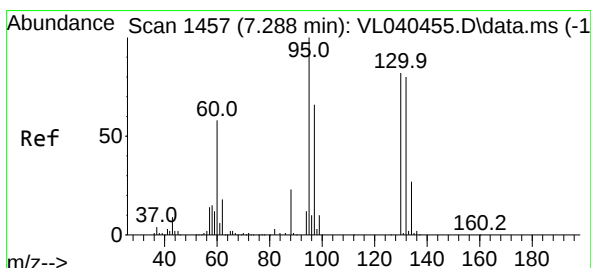
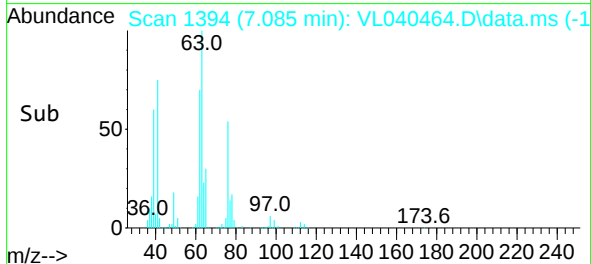
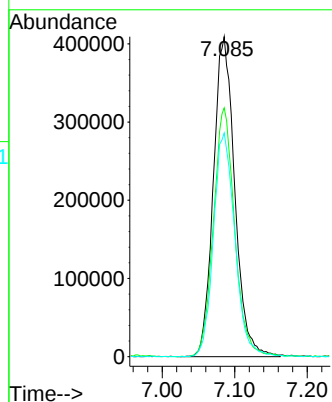
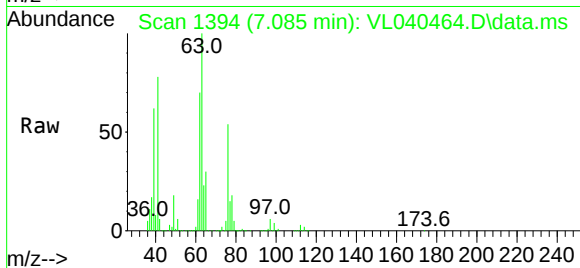
Tgt Ion: 63 Resp: 836924

Ion Ratio Lower Upper

63 100

41 77.7 62.2 93.2

62 69.9 59.0 88.4



#40

1,4-Dioxane

Concen: 9.485 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.016 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Tgt Ion: 88 Resp: 223528

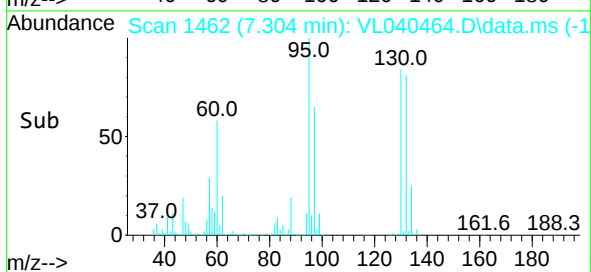
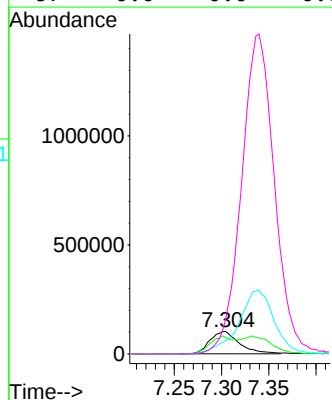
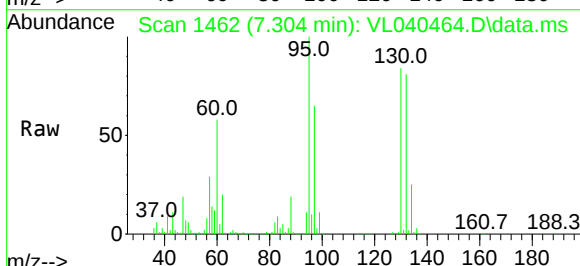
Ion Ratio Lower Upper

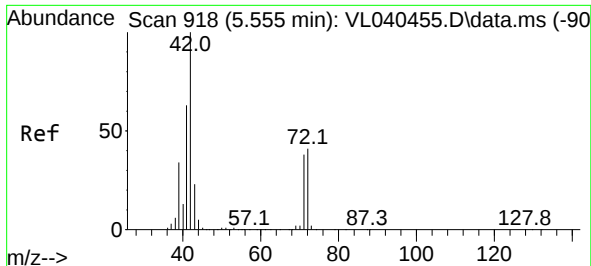
88 100

58 71.9 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.347 ppbv

RT: 5.565 min Scan# 918

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

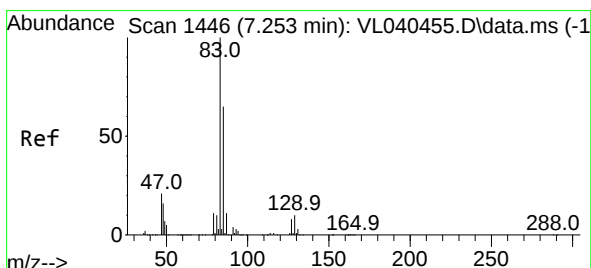
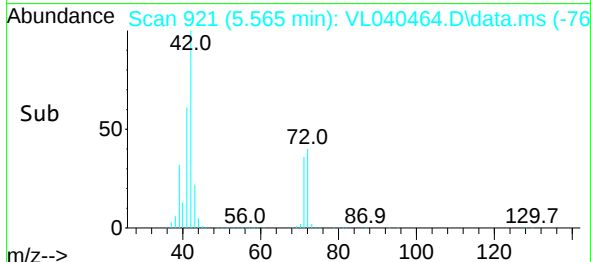
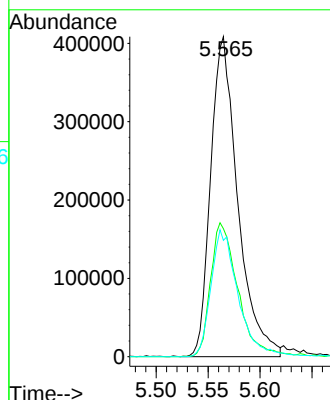
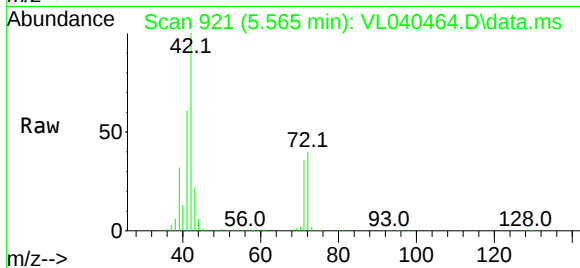
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 739944

Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.8	50.8
71	39.7	32.3	48.5



#42

Bromodichloromethane

Concen: 10.214 ppbv

RT: 7.262 min Scan# 1449

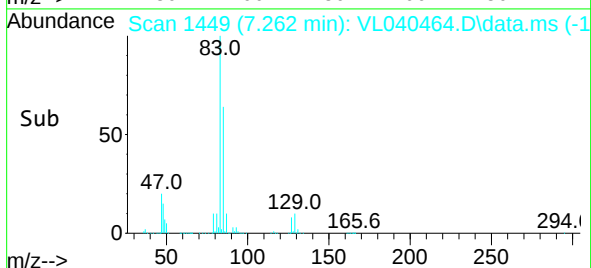
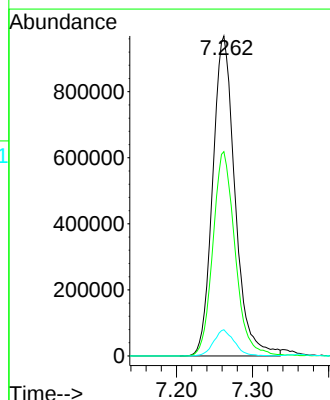
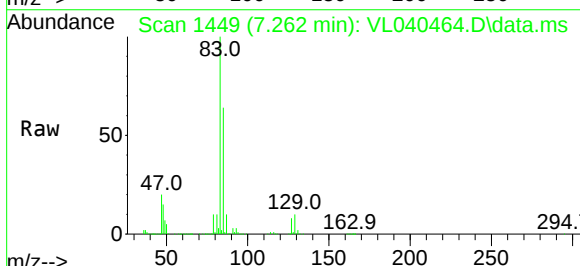
Delta R.T. 0.010 min

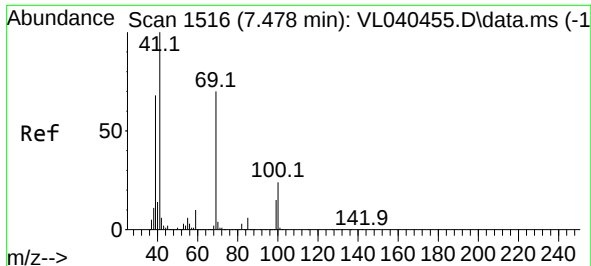
Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Tgt Ion: 83 Resp: 1977615

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	8.2	6.1	9.1

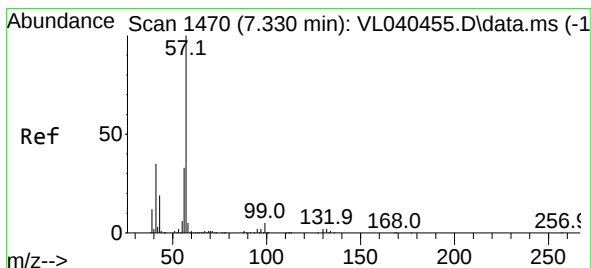
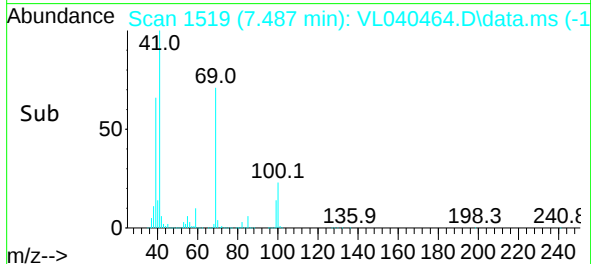
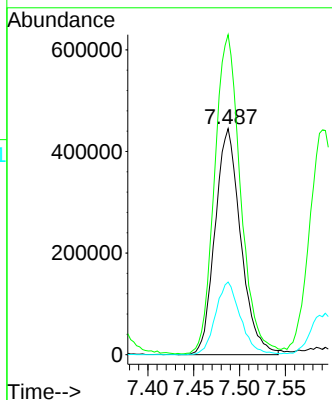
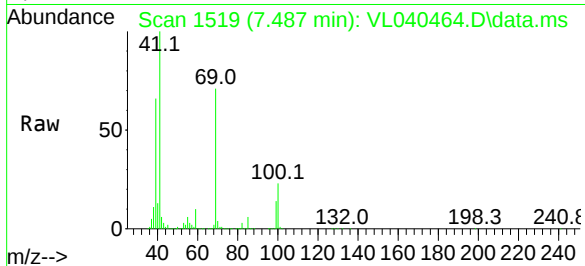




#43
Methyl Methacrylate
Concen: 11.190 ppbv
RT: 7.487 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

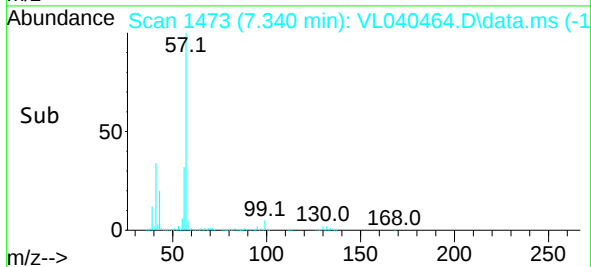
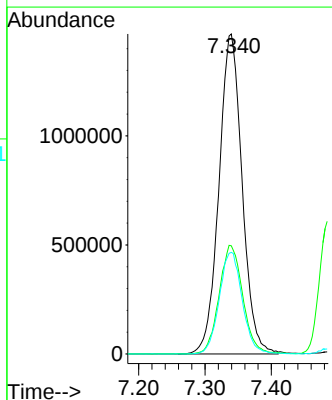
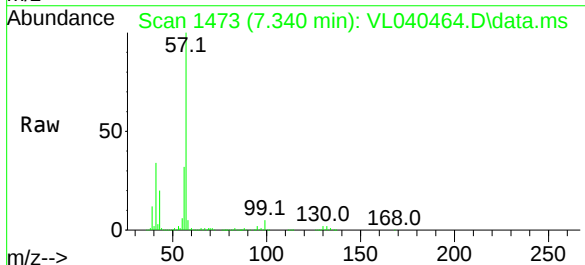
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

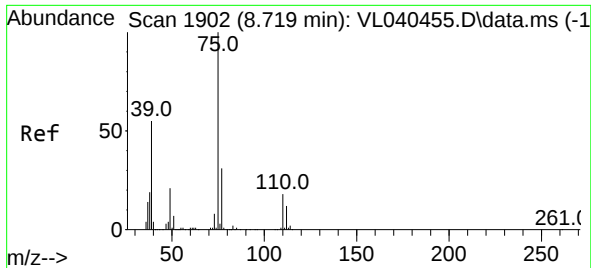
Tgt Ion: 69 Resp: 867568
Ion Ratio Lower Upper
69 100
41 144.1 114.3 171.5
100 31.2 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.104 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 57 Resp: 3563831
Ion Ratio Lower Upper
57 100
41 34.8 27.8 41.8
56 31.7 25.3 37.9

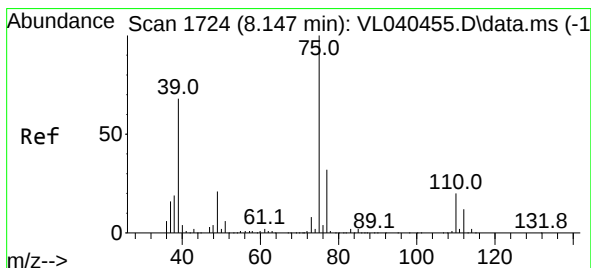
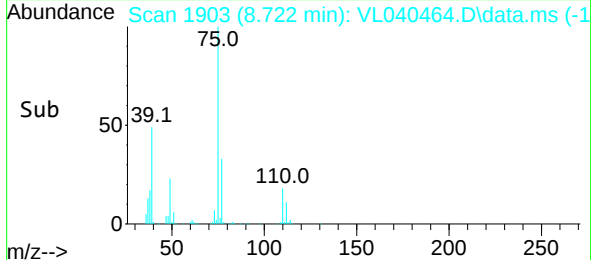
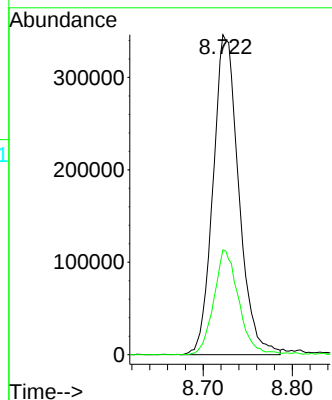
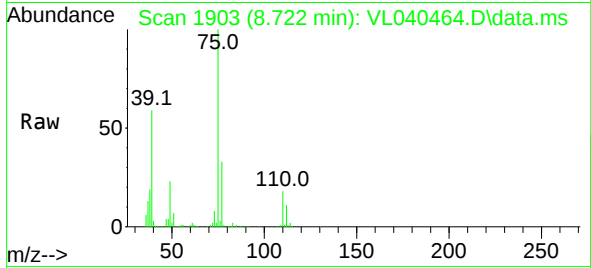




#45
 t-1,3-Dichloropropene
 Concen: 12.120 ppbv
 RT: 8.722 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

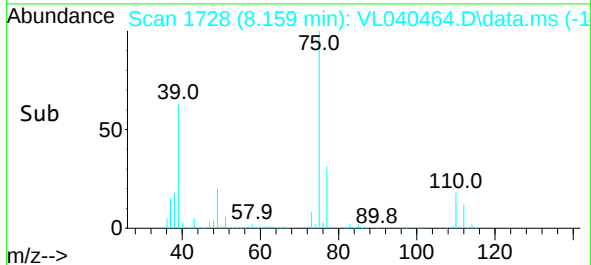
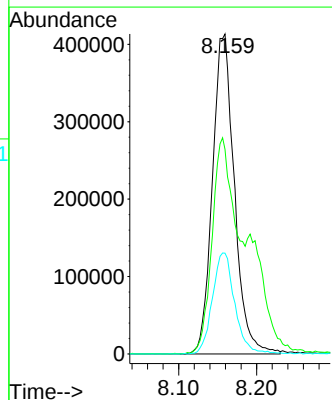
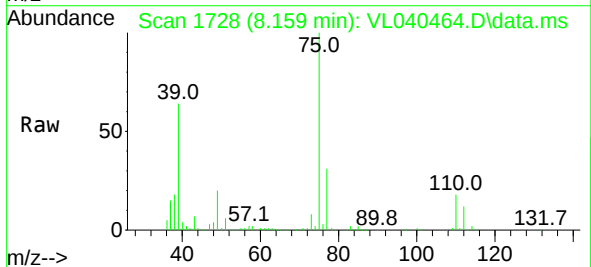
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

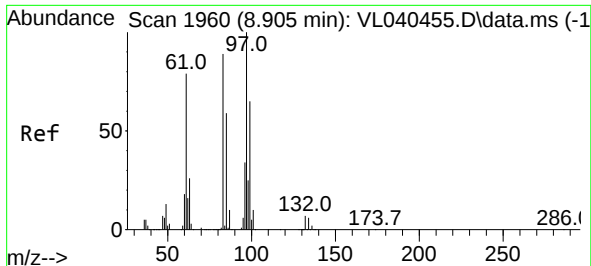
Tgt Ion: 75 Resp: 693829
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.596 ppbv
 RT: 8.159 min Scan# 1728
 Delta R.T. 0.013 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 75 Resp: 809261
 Ion Ratio Lower Upper
 75 100
 39 63.9 54.2 81.4
 77 31.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.034 ppbv

RT: 8.915 min Scan# 1960

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 917501

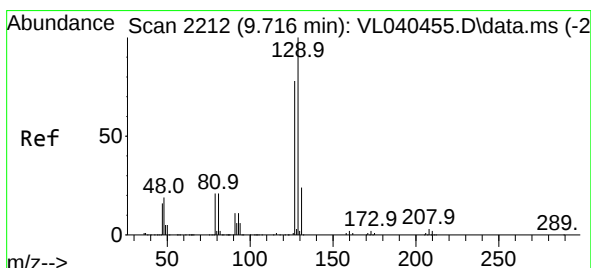
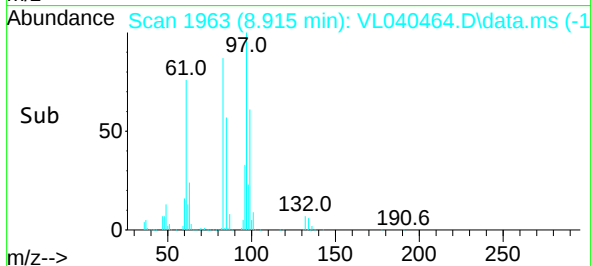
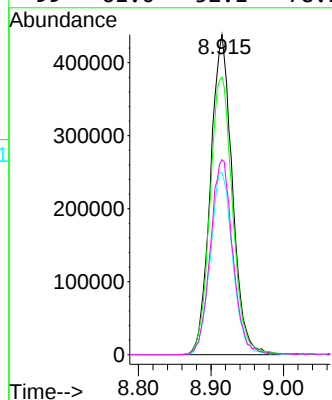
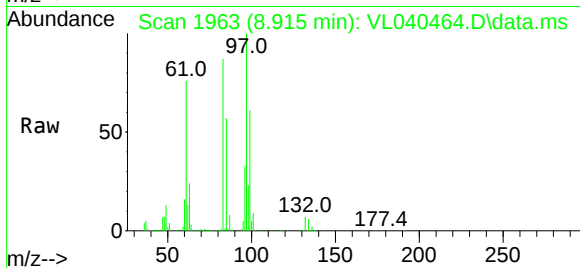
Ion Ratio Lower Upper

97 100

83 86.6 71.4 107.2

85 56.9 47.2 70.8

99 61.0 52.1 78.1



#48

Dibromochloromethane

Concen: 10.670 ppbv

RT: 9.728 min Scan# 2216

Delta R.T. 0.013 min

Lab File: VL040464.D

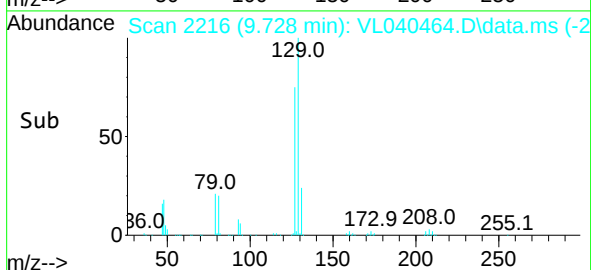
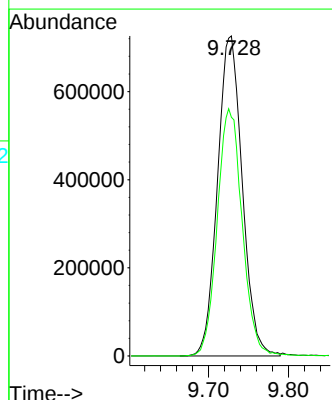
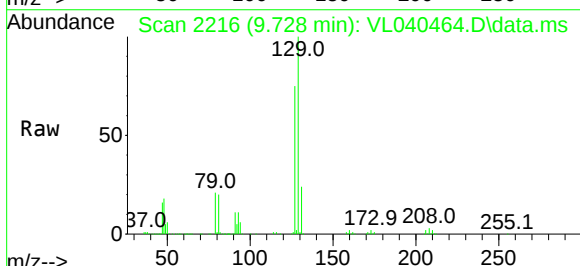
Acq: 15 Jun 2023 11:44

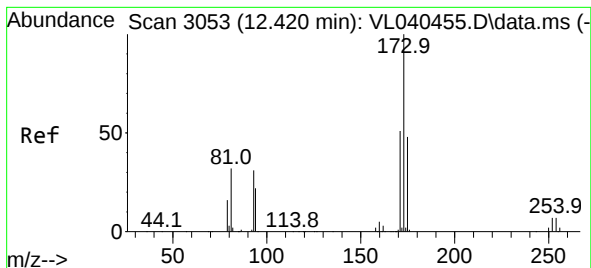
Tgt Ion: 129 Resp: 1559806

Ion Ratio Lower Upper

129 100

127 78.0 39.4 118.1





#49

Bromoform

Concen: 10.869 ppbv

RT: 12.426 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

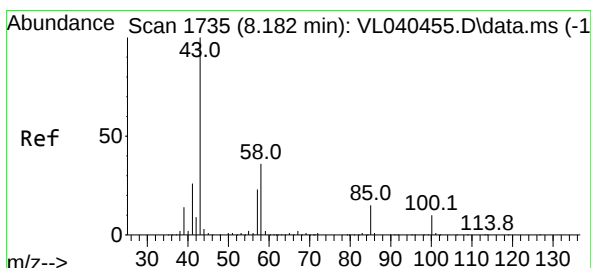
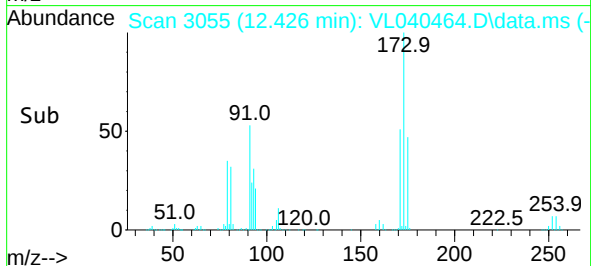
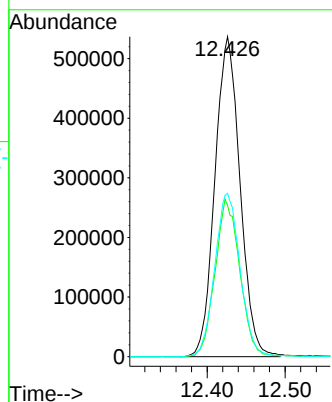
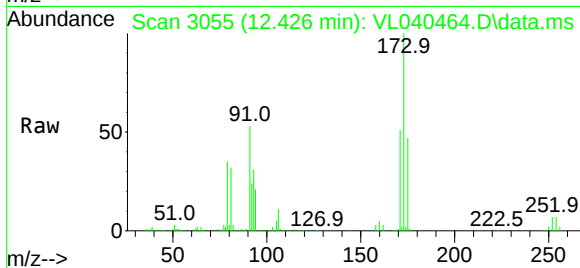
Tgt Ion:173 Resp: 1202162

Ion Ratio Lower Upper

173 100

175 48.6 39.2 58.8

171 51.7 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.587 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.013 min

Lab File: VL040464.D

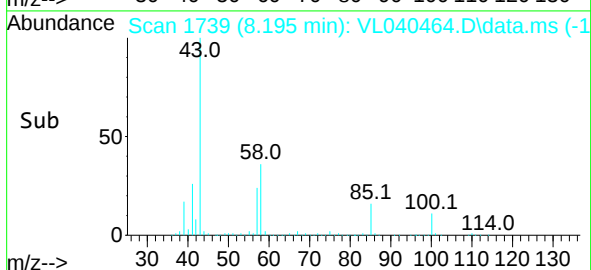
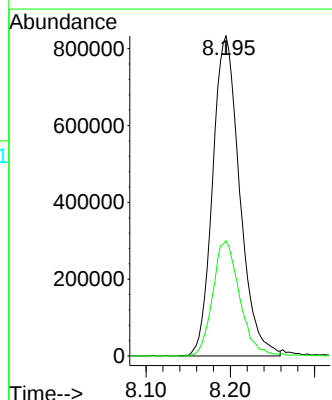
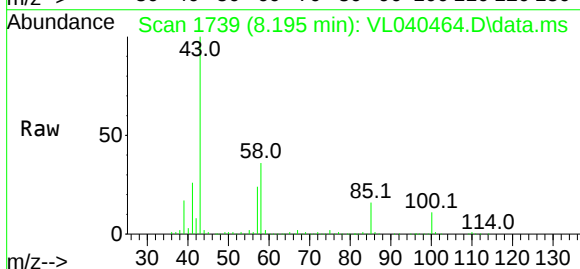
Acq: 15 Jun 2023 11:44

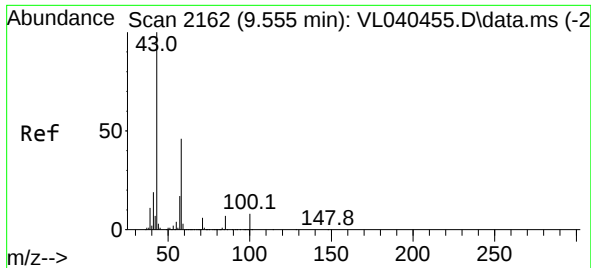
Tgt Ion: 43 Resp: 1855157

Ion Ratio Lower Upper

43 100

58 36.0 28.2 42.4

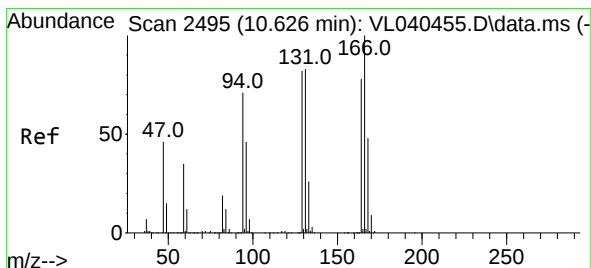
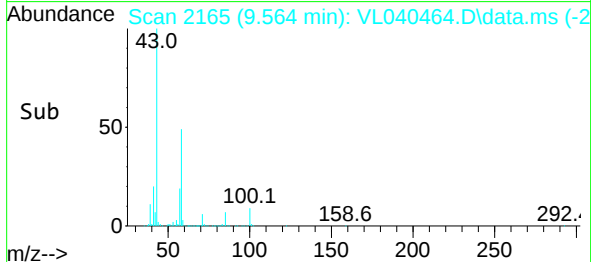
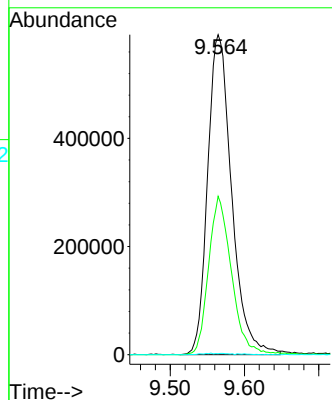
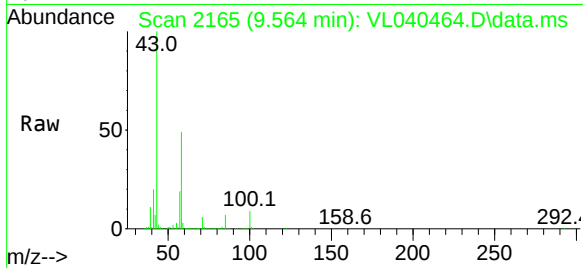




#51
2-Hexanone
Concen: 10.925 ppbv
RT: 9.564 min Scan# 2165
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

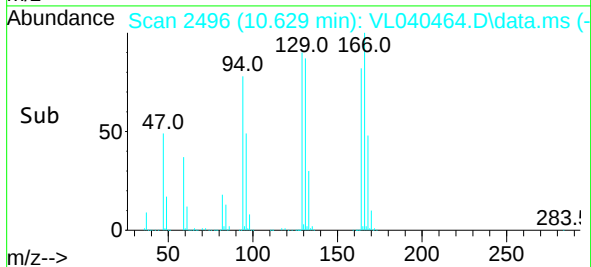
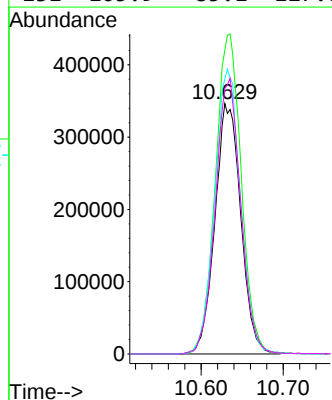
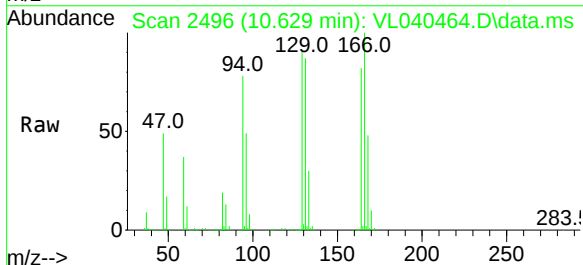
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

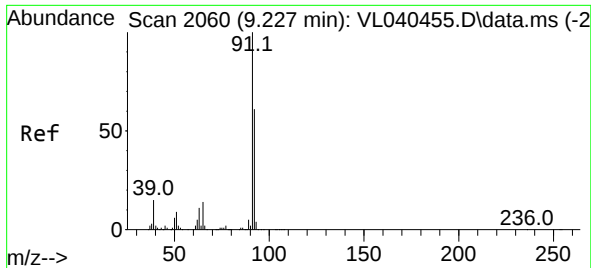
Tgt Ion: 43 Resp: 1329104
Ion Ratio Lower Upper
43 100
58 47.4 37.1 55.7
98 0.6 0.5 0.7



#52
Tetrachloroethene
Concen: 11.179 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 164 Resp: 757538
Ion Ratio Lower Upper
164 100
166 121.2 102.7 154.1
129 109.6 84.6 126.8
131 105.9 85.1 127.7

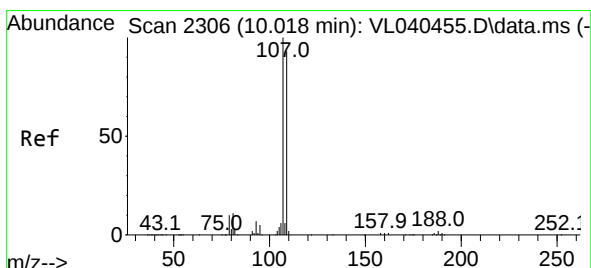
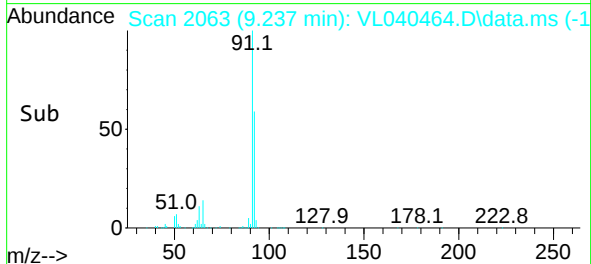
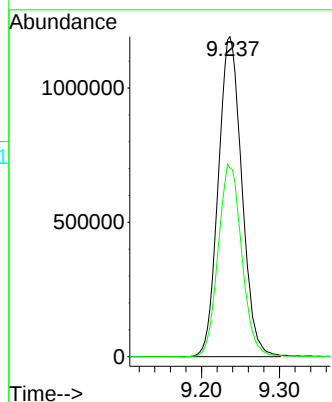
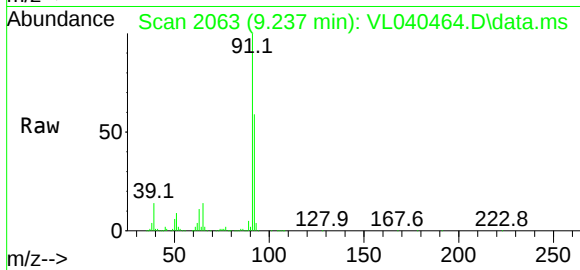




#53
Toluene
Concen: 10.996 ppbv
RT: 9.237 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

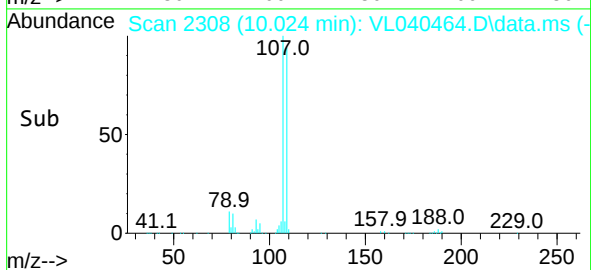
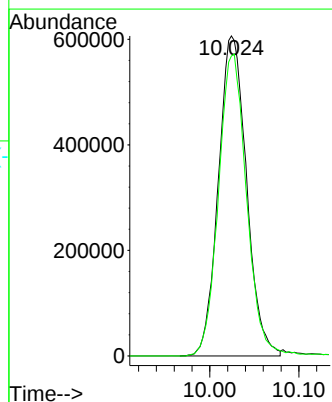
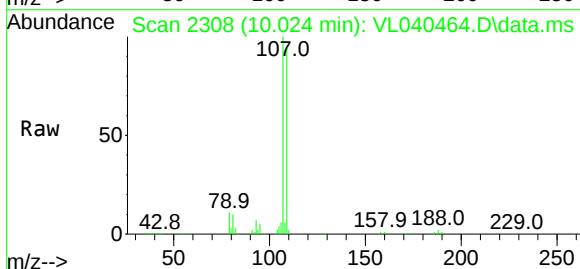
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

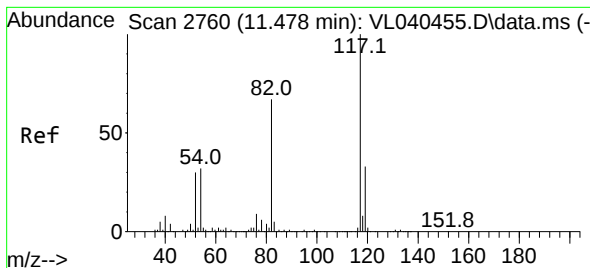
Tgt Ion: 91 Resp: 2499599
Ion Ratio Lower Upper
91 100
92 60.4 49.1 73.7



#54
1,2-Dibromoethane
Concen: 11.091 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 107 Resp: 1329518
Ion Ratio Lower Upper
107 100
109 93.7 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 2760

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

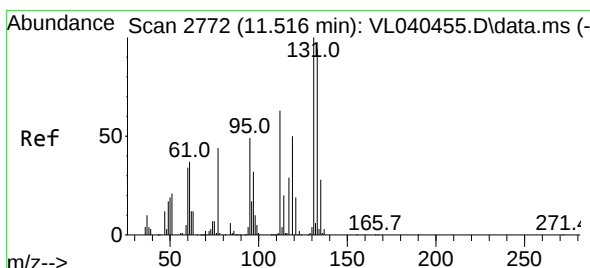
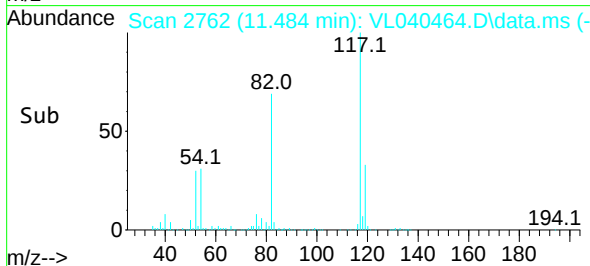
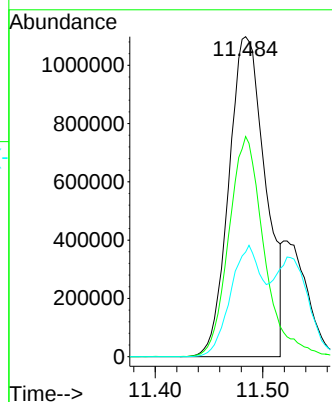
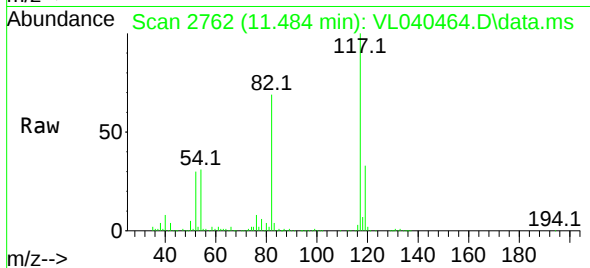
Tgt Ion:117 Resp: 2599898

Ion Ratio Lower Upper

117 100

82 66.4 53.0 79.4

119 29.7 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 9.686 ppbv

RT: 11.529 min Scan# 2776

Delta R.T. 0.013 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

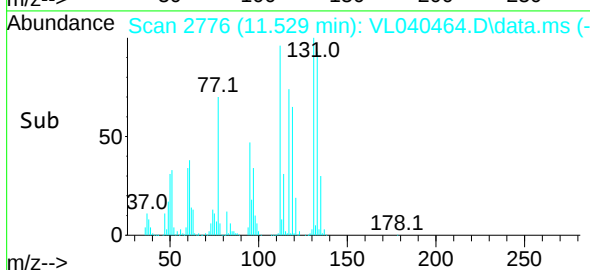
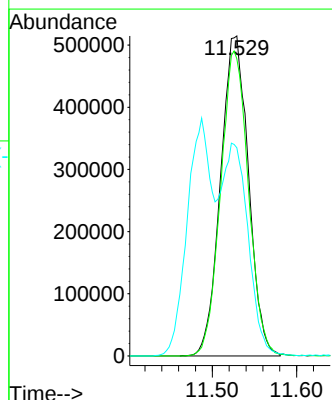
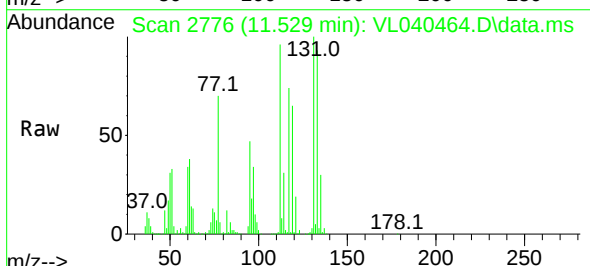
Tgt Ion:131 Resp: 1183540

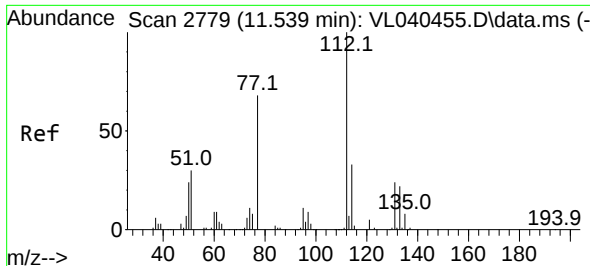
Ion Ratio Lower Upper

131 100

133 94.9 75.7 113.5

119 65.7 51.4 77.2

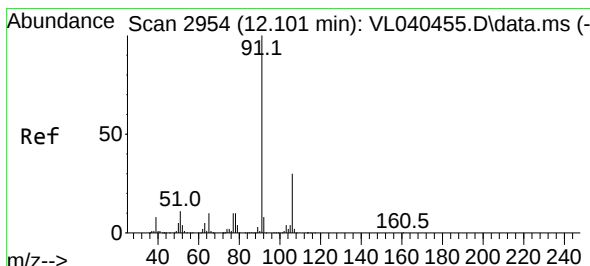
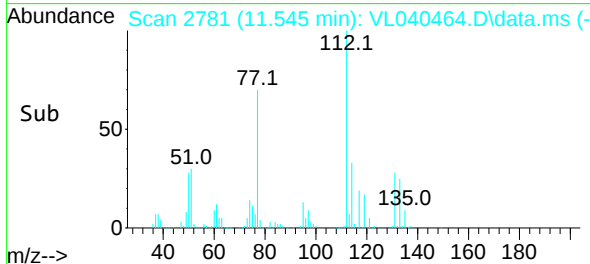
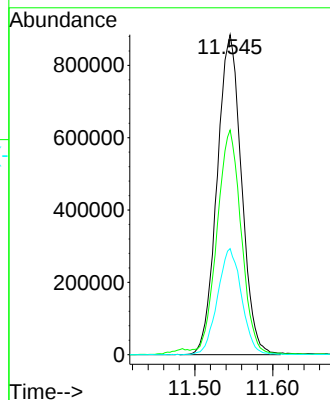
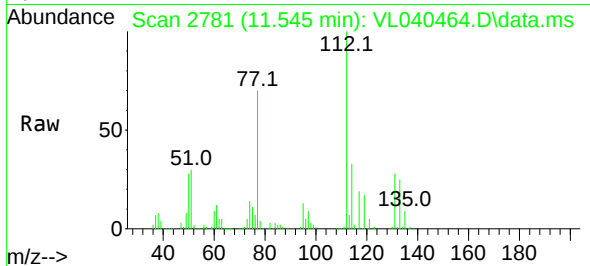




#57
Chlorobenzene
Concen: 9.798 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

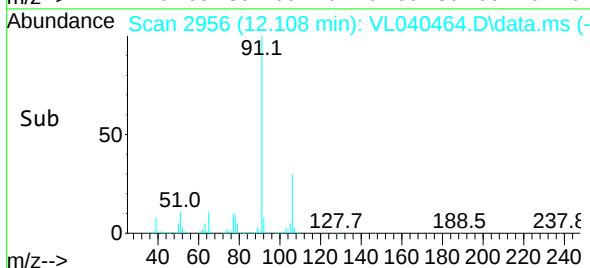
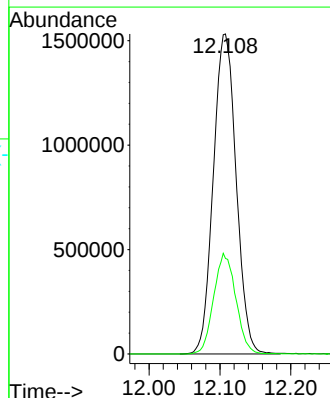
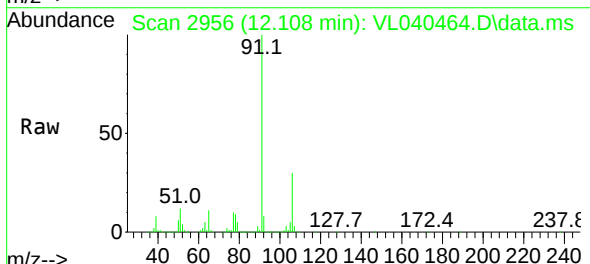
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

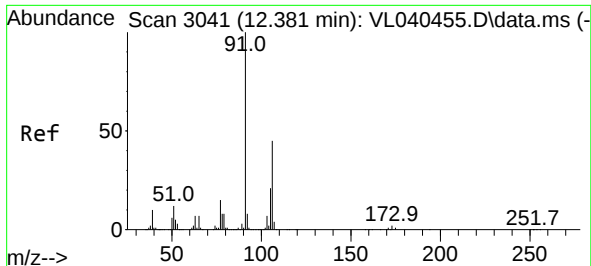
Tgt Ion:112 Resp: 1925326
Ion Ratio Lower Upper
112 100
77 69.7 55.4 83.2
114 33.1 30.0 36.6



#58
Ethyl Benzene
Concen: 10.893 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 91 Resp: 3431555
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5





#59

m/p-Xylene

Concen: 10.611 ppbv

RT: 12.391 min Scan# 3041

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

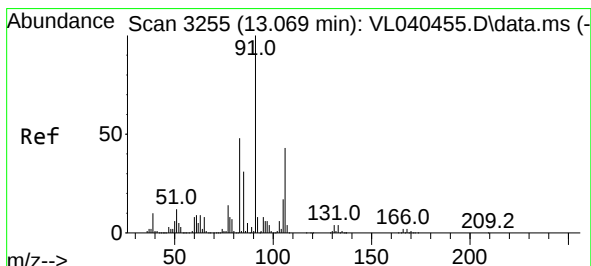
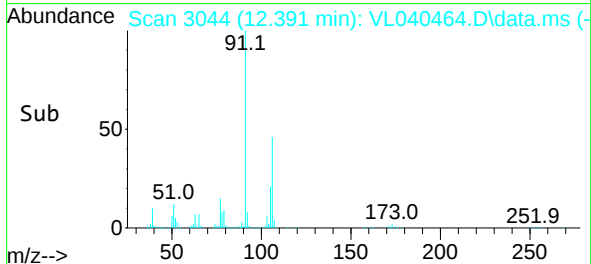
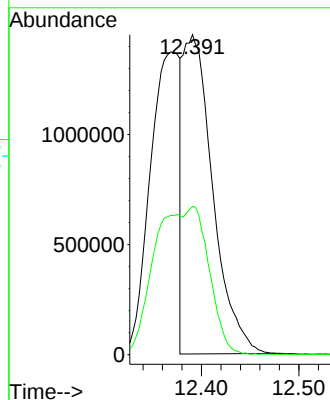
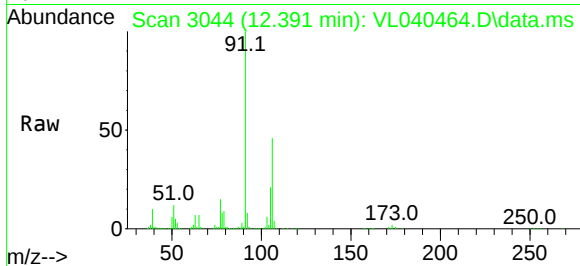
VSTDCCC010

Tgt Ion: 91 Resp: 3071818

Ion Ratio Lower Upper

91 100

106 84.9 34.6 52.0#



#60

o-Xylene

Concen: 10.468 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. 0.010 min

Lab File: VL040464.D

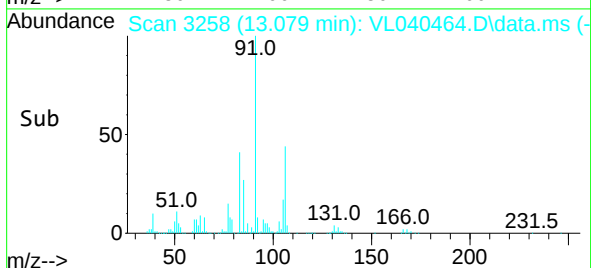
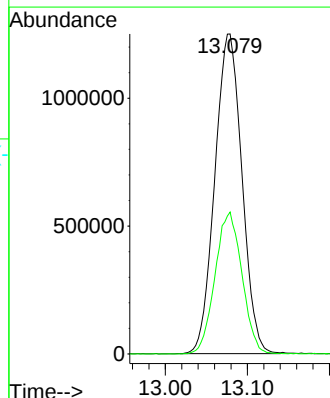
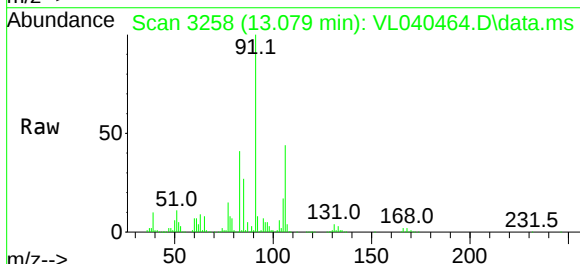
Acq: 15 Jun 2023 11:44

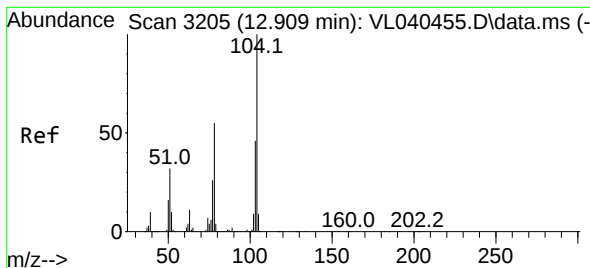
Tgt Ion: 91 Resp: 2874370

Ion Ratio Lower Upper

91 100

106 44.1 22.1 66.1





#61

Styrene

Concen: 12.218 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

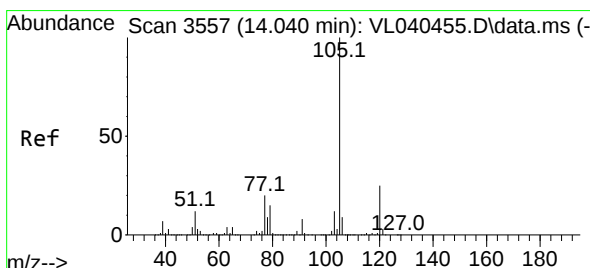
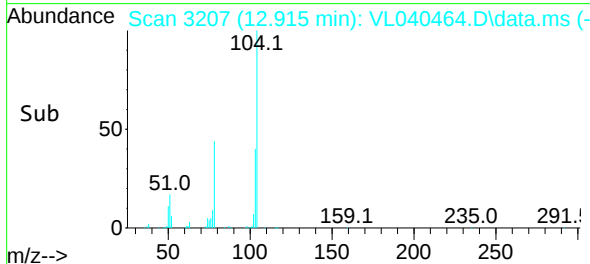
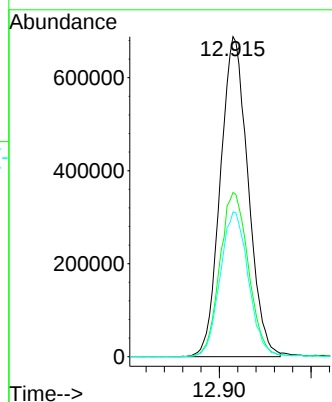
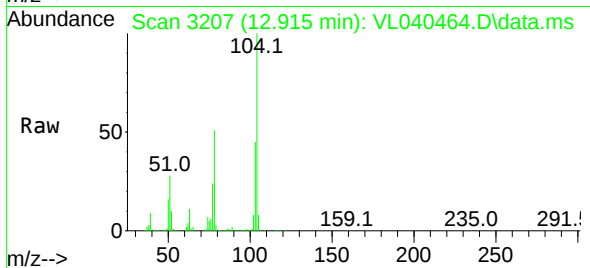
Tgt Ion:104 Resp: 1443826

Ion Ratio Lower Upper

104 100

78 53.3 43.1 64.7

103 46.4 37.1 55.7



#62

Isopropylbenzene

Concen: 10.229 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.010 min

Lab File: VL040464.D

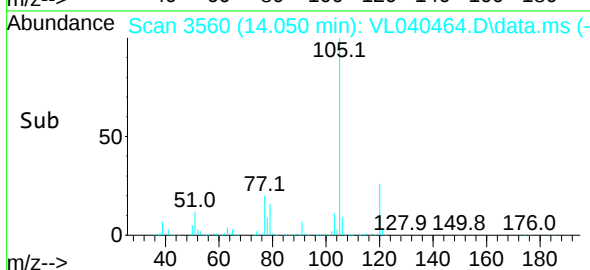
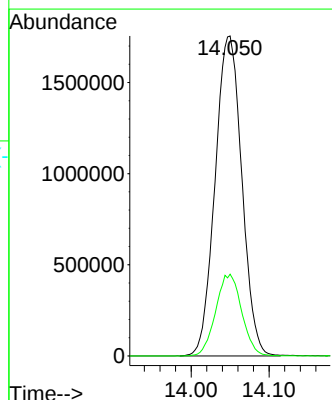
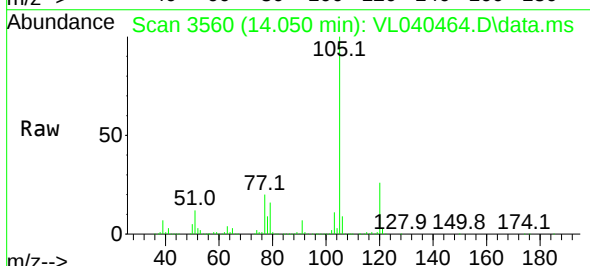
Acq: 15 Jun 2023 11:44

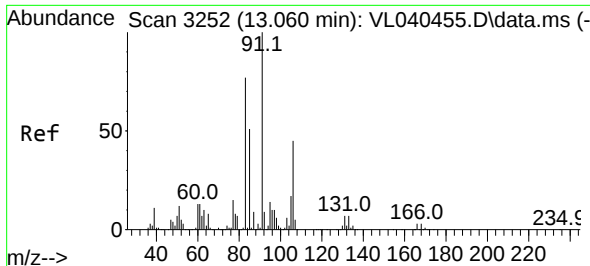
Tgt Ion:105 Resp: 4175172

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.4

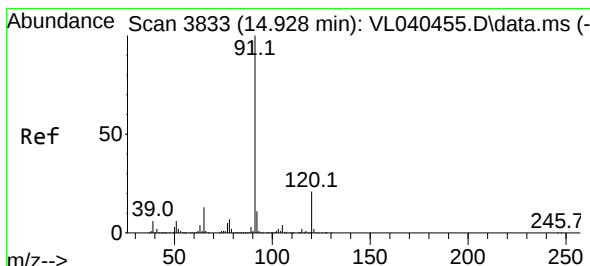
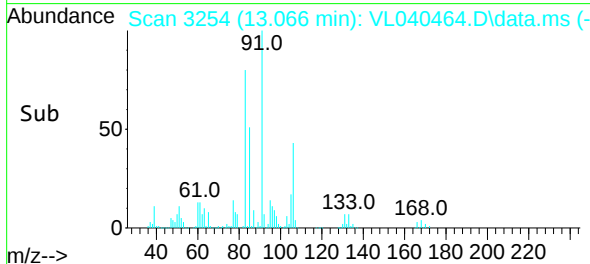
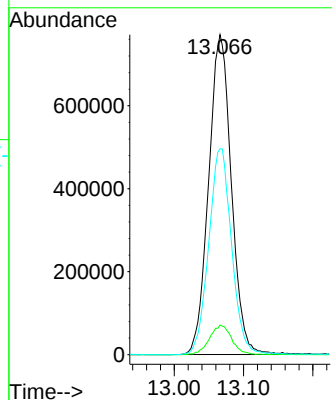
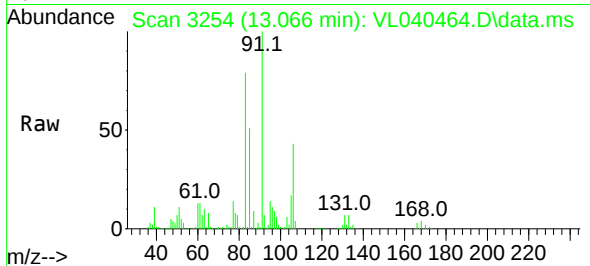




#63
1,1,2,2-Tetrachloroethane
Concen: 9.864 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

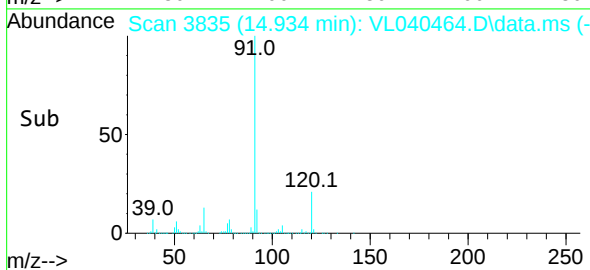
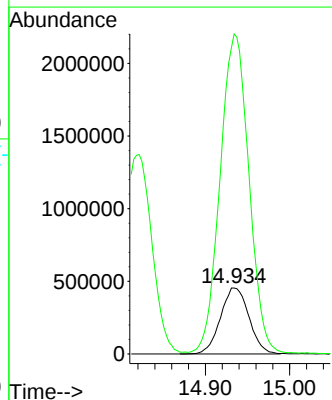
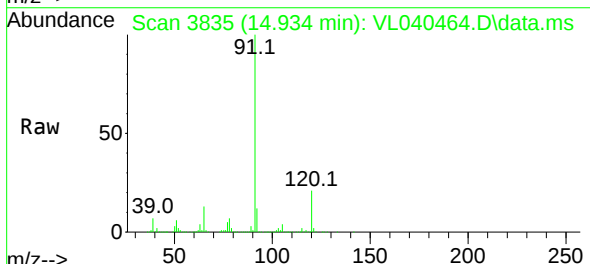
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

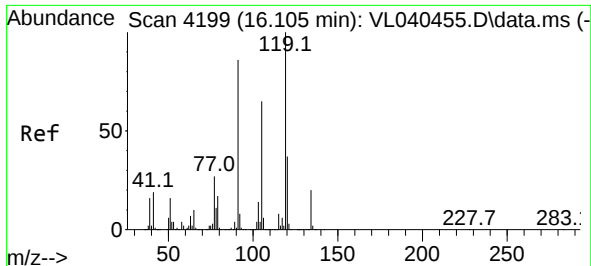
Tgt Ion: 83 Resp: 1753787
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.1 33.0 99.0



#64
n-propylbenzene
Concen: 10.288 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:120 Resp: 1066166
Ion Ratio Lower Upper
120 100
91 493.0 388.5 582.7

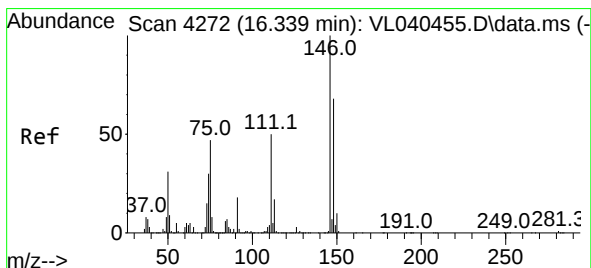
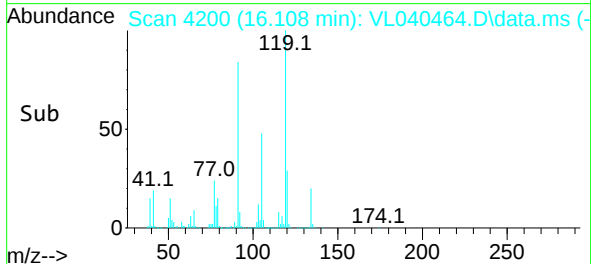
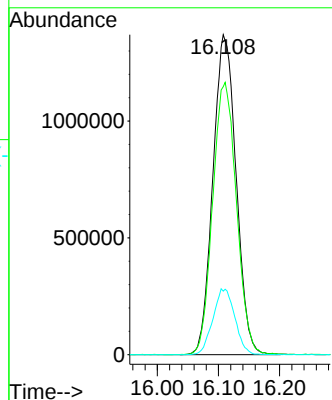
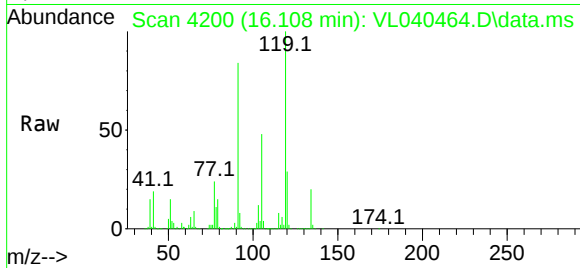




#65
tert-Butylbenzene
Concen: 10.308 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

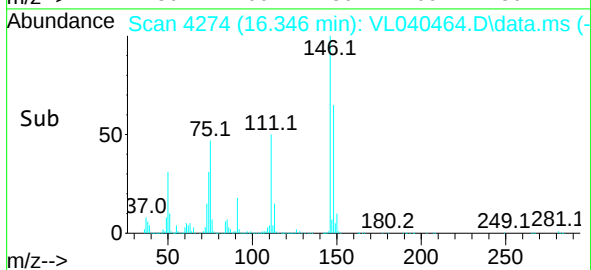
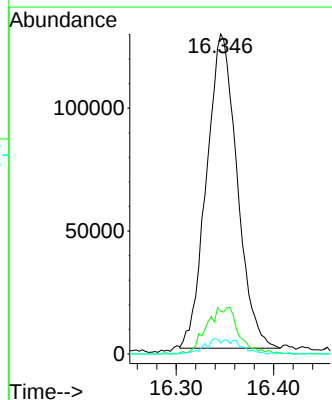
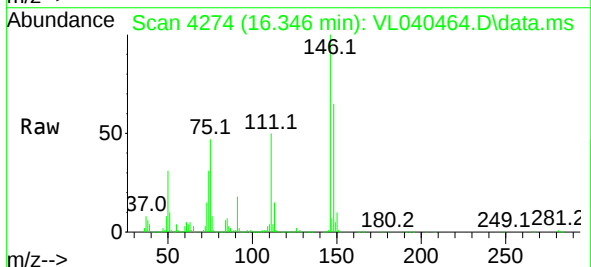
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

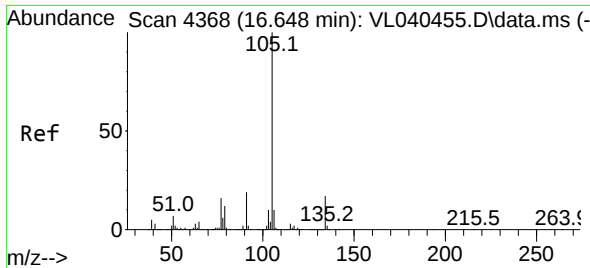
Tgt Ion:119 Resp: 3609752
Ion Ratio Lower Upper
119 100
91 87.3 70.5 105.7
134 19.5 15.6 23.4



#66
Benzyl Chloride
Concen: 10.337 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 91 Resp: 278961
Ion Ratio Lower Upper
91 100
126 15.8 13.2 19.8
128 5.6 4.6 6.8

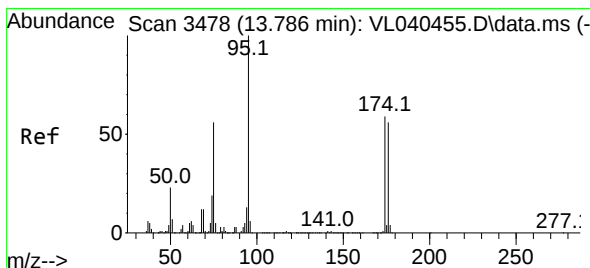
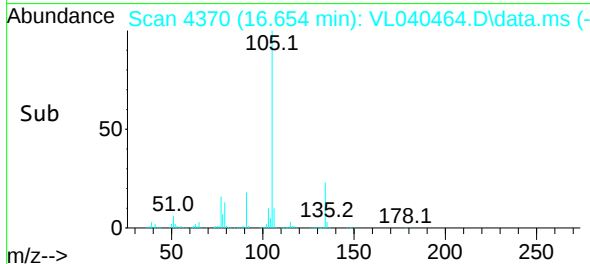
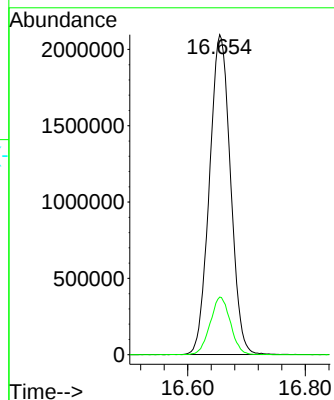
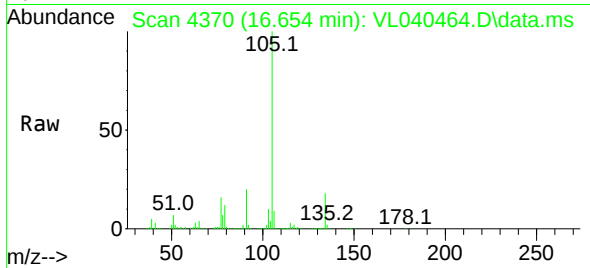




#67
 sec-Butylbenzene
 Concen: 10.182 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

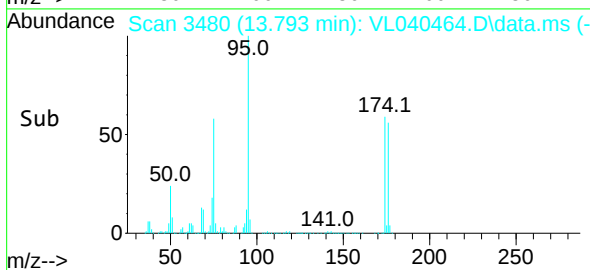
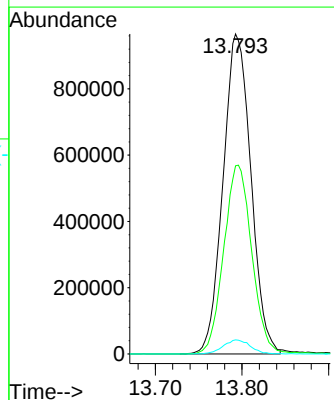
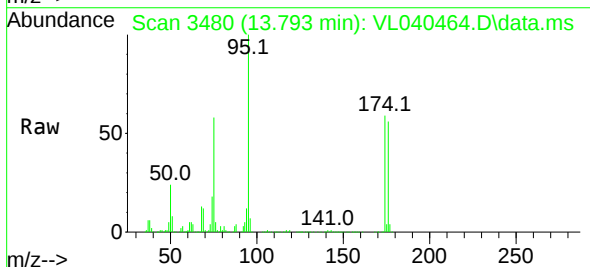
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

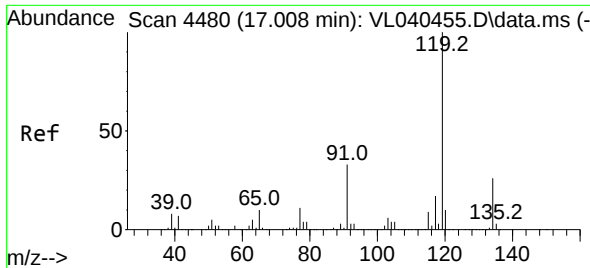
Tgt Ion:105 Resp: 5199654
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.066 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 95 Resp: 2159890
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.7 71.5
 175 4.3 3.5 5.3

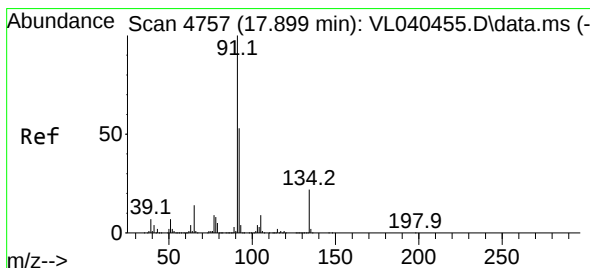
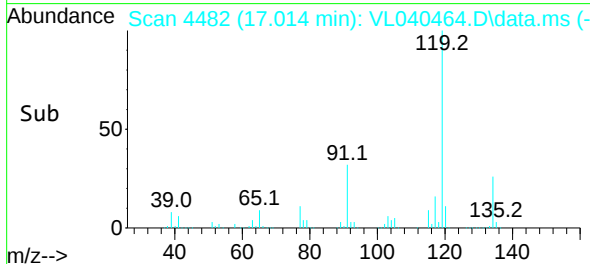
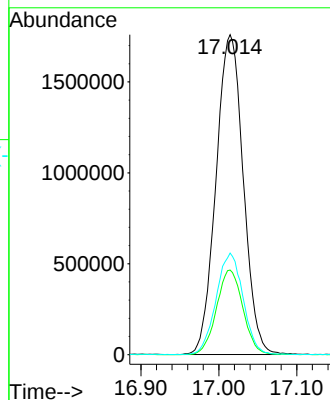
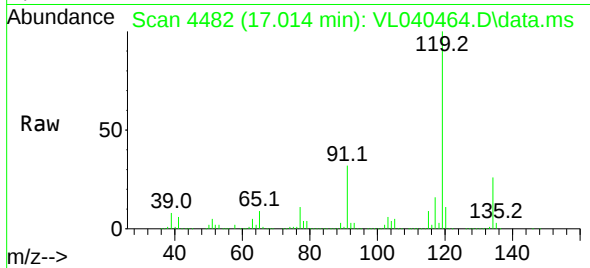




#69
p-Isopropyltoluene
Concen: 10.530 ppbv
RT: 17.014 min Scan# 4480
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

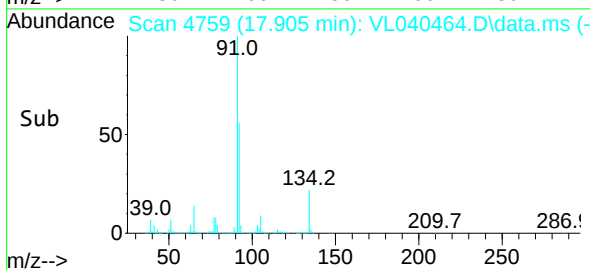
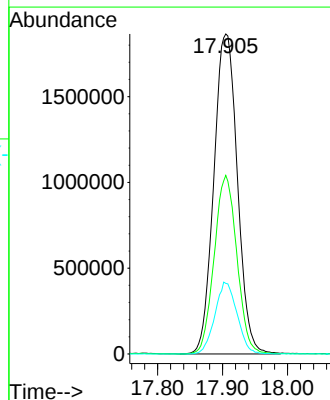
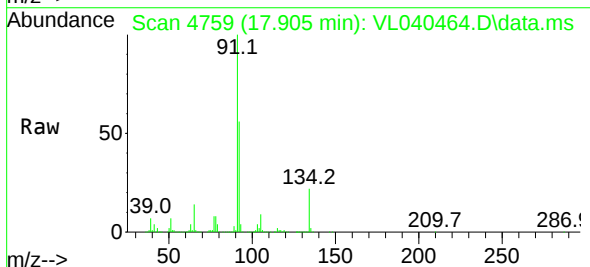
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

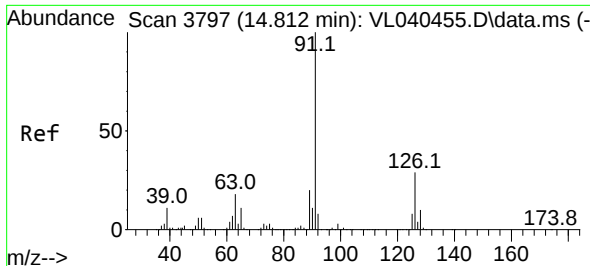
Tgt Ion:119 Resp: 4273088
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 31.4 25.5 38.3



#70
n-Butylbenzene
Concen: 10.357 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 91 Resp: 4691351
Ion Ratio Lower Upper
91 100
92 53.8 42.7 64.1
134 21.2 16.9 25.3

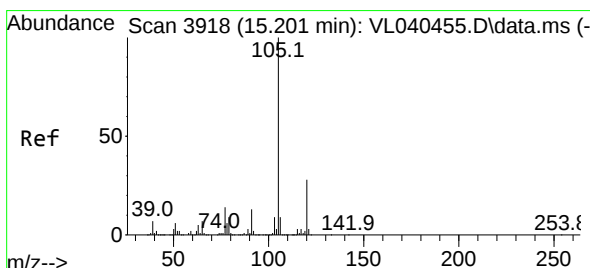
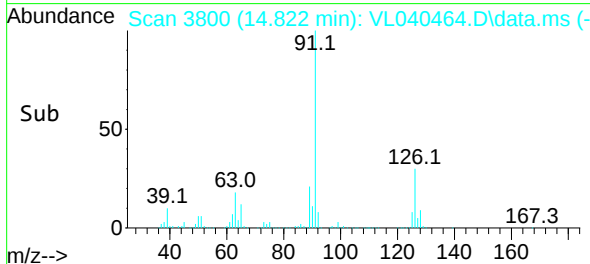
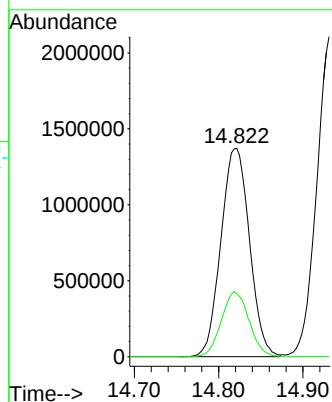
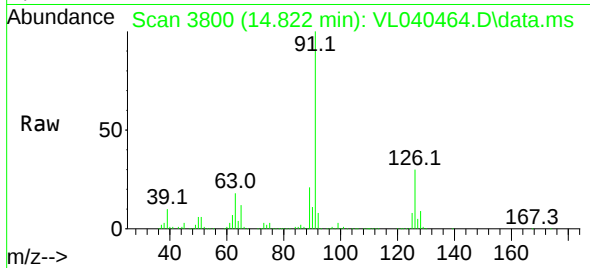




#71
2-Chlorotoluene
Concen: 10.636 ppbv
RT: 14.822 min Scan# 3797
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

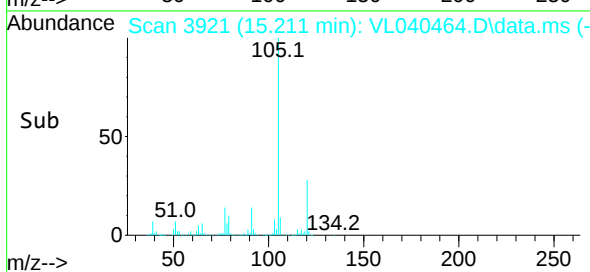
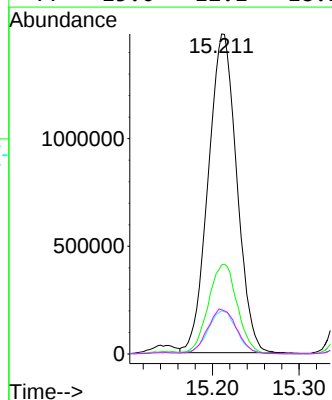
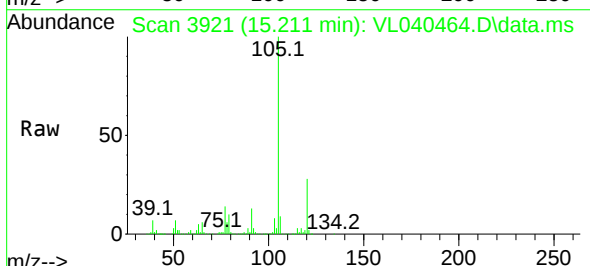
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

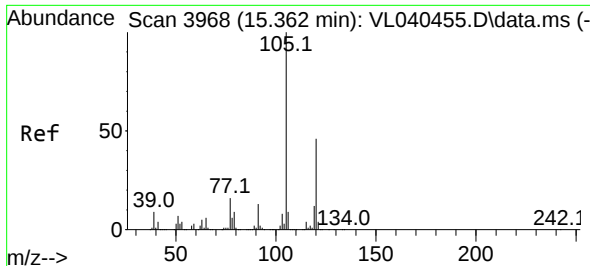
Tgt Ion: 91 Resp: 3223780
Ion Ratio Lower Upper
91 100
126 30.2 12.0 48.2



#72
4-Ethyltoluene
Concen: 10.944 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 105 Resp: 3384607
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 14.4 11.1 16.7
77 15.0 12.1 18.1

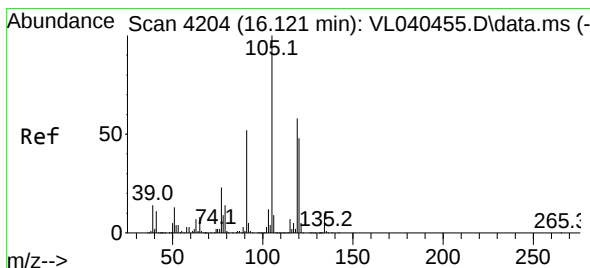
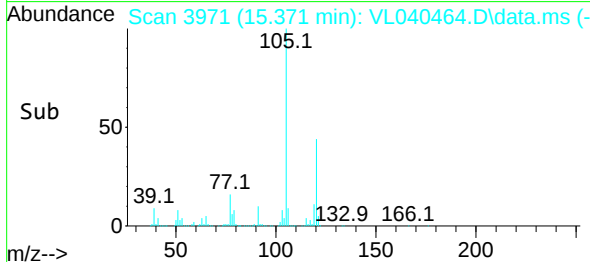
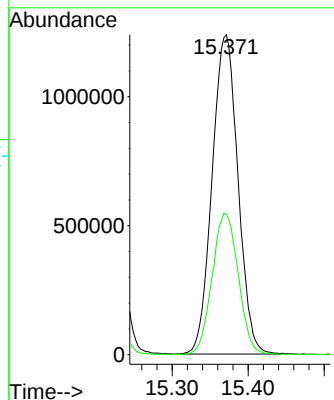
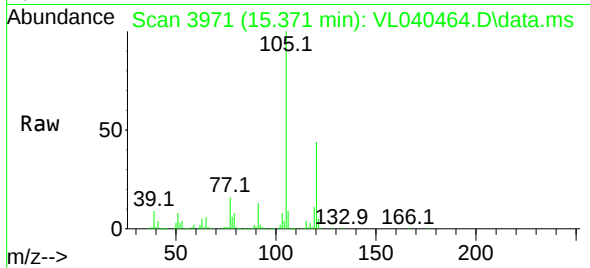




#73
 1,3,5-Trimethylbenzene
 Concen: 10.671 ppbv
 RT: 15.371 min Scan# 3968
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

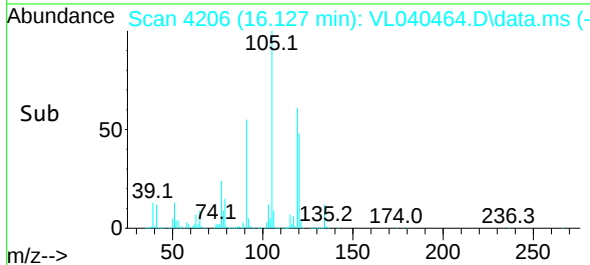
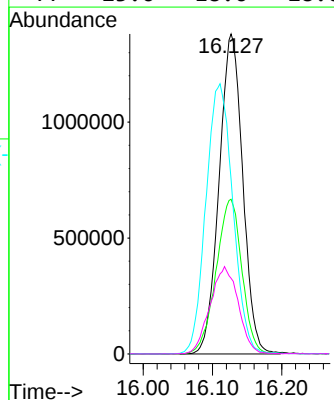
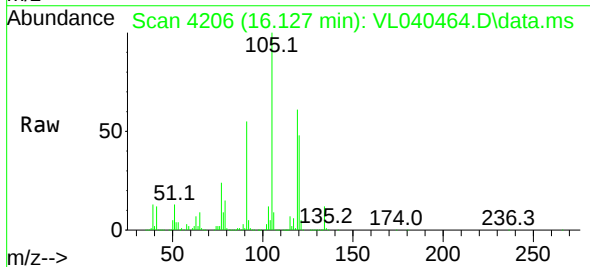
Instrument :
 MSVOA_L
 ClientSampleId :
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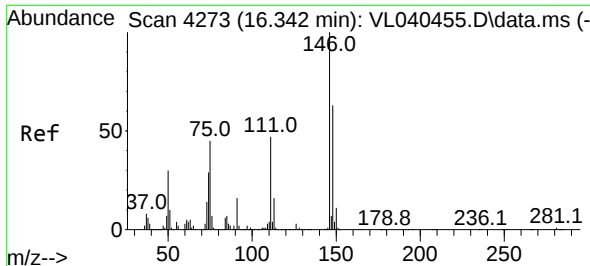
Tgt Ion:105 Resp: 2916994
 Ion Ratio Lower Upper
 105 100
 120 43.9 36.4 54.6



#74
 1,2,4-Trimethylbenzene
 Concen: 10.169 ppbv
 RT: 16.127 min Scan# 4206
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion:105 Resp: 3270221
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.4 57.6
 91 54.4 41.3 61.9
 77 23.6 18.6 28.0

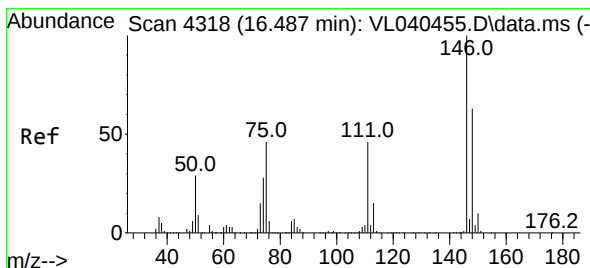
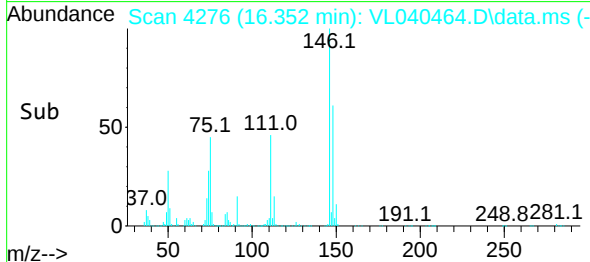
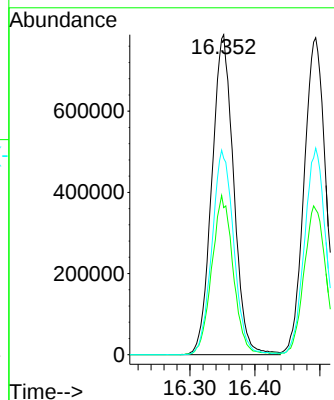
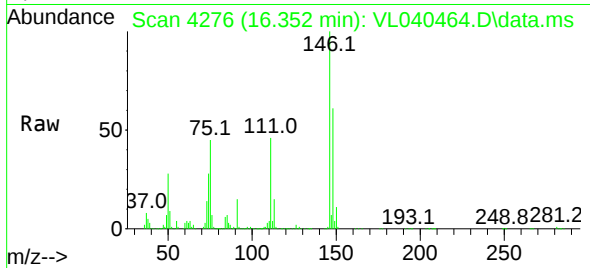




#75
1,3-Dichlorobenzene
Concen: 10.175 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

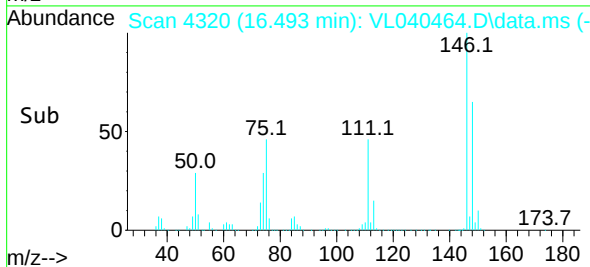
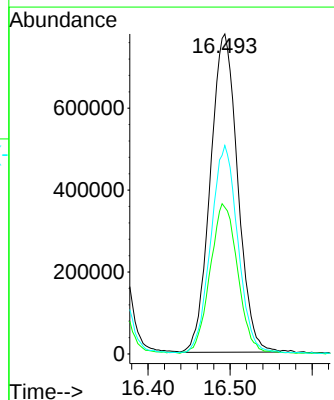
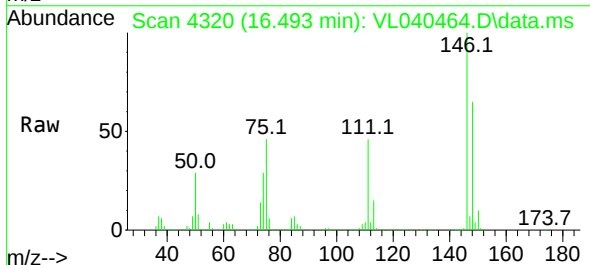
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

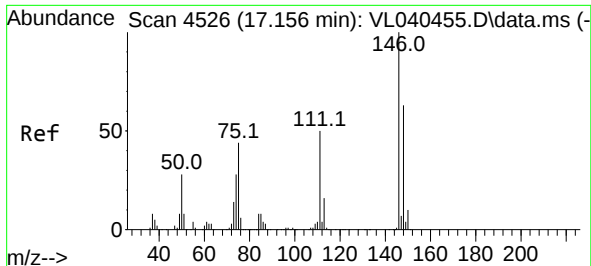
Tgt Ion:146 Resp: 1835453
Ion Ratio Lower Upper
146 100
111 49.0 24.6 73.8
148 63.9 32.4 97.2



#76
1,4-Dichlorobenzene
Concen: 10.278 ppbv
RT: 16.493 min Scan# 4320
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:146 Resp: 1802917
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.5
148 65.6 32.9 98.6

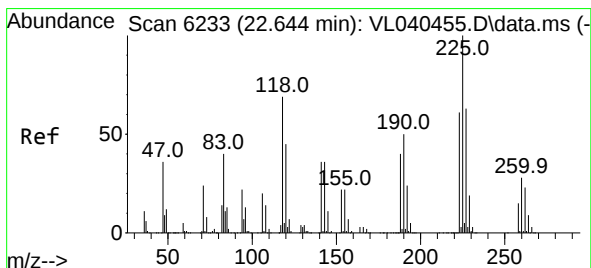
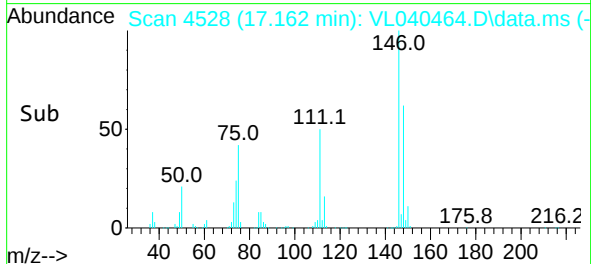
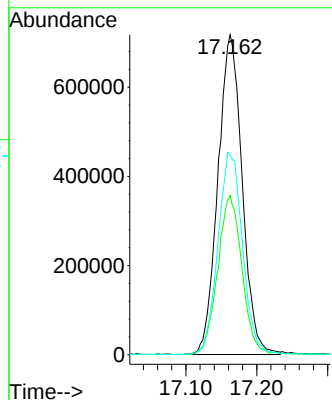
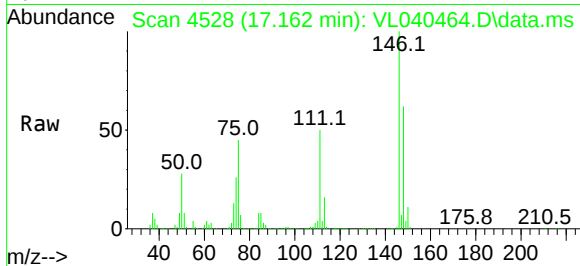




#77
1,2-Dichlorobenzene
Concen: 10.003 ppbv
RT: 17.162 min Scan# 4528
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

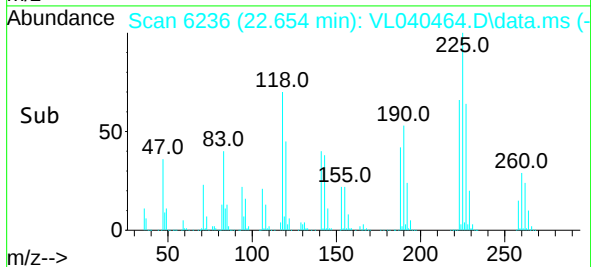
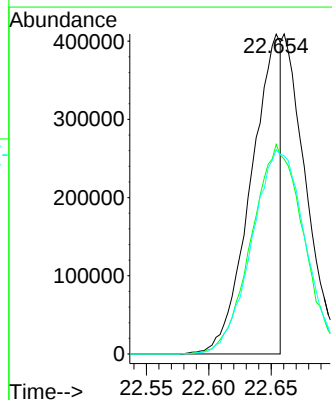
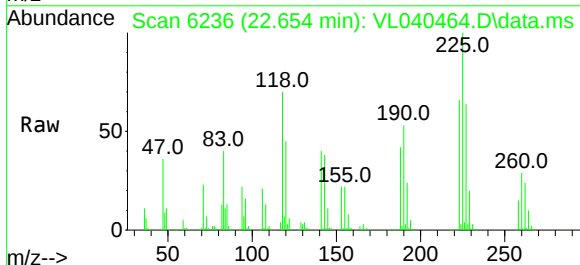
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

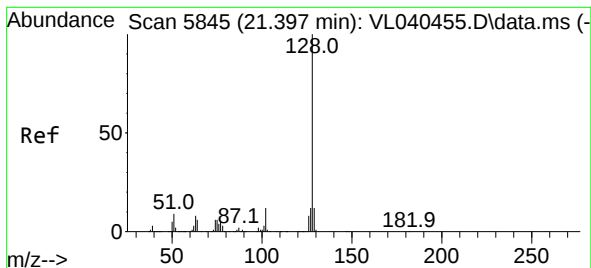
Tgt Ion:146 Resp: 1704570
Ion Ratio Lower Upper
146 100
111 50.4 25.1 75.3
148 64.8 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 5.196 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:225 Resp: 682930
Ion Ratio Lower Upper
225 100
223 114.5 50.0 75.0#
227 114.0 50.9 76.3#





#79

Naphthalene

Concen: 13.179 ppbv

RT: 21.406 min Scan# 5848

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

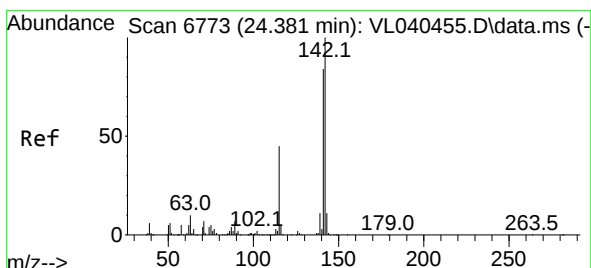
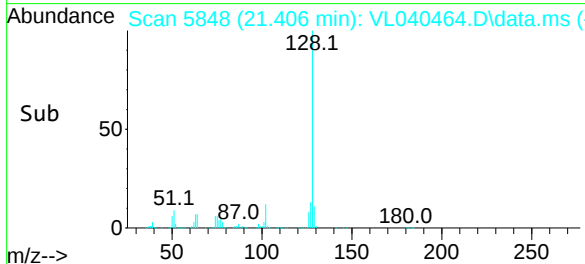
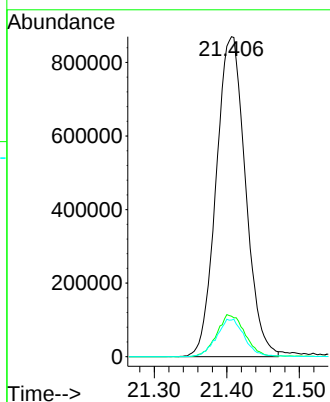
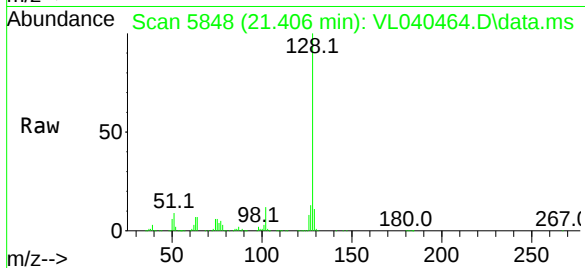
Tgt Ion:128 Resp: 2440988

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

129 11.5 9.2 13.8



#80

Naphthalene,2-methyl-

Concen: 13.807 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

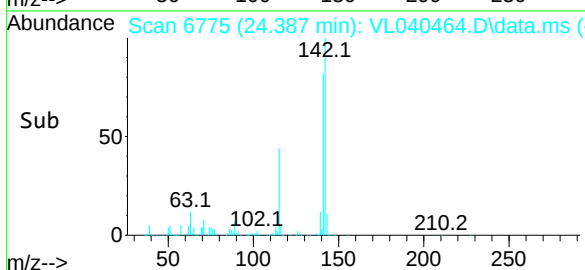
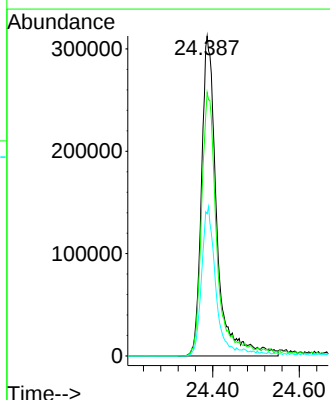
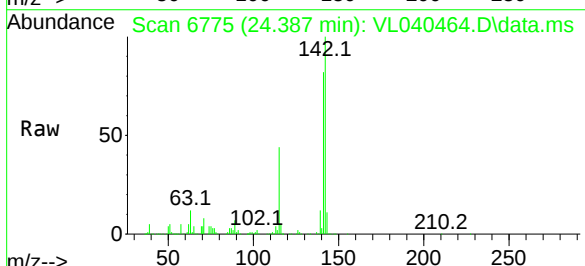
Tgt Ion:142 Resp: 767413

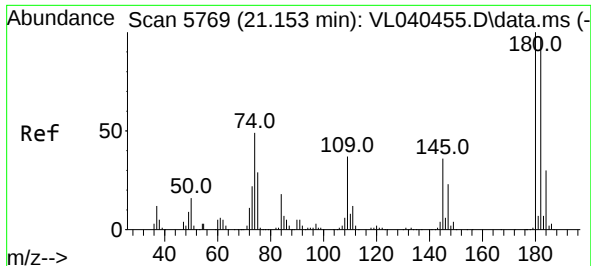
Ion Ratio Lower Upper

142 100

141 83.8 65.4 98.0

115 45.6 36.6 55.0





#81
 1,2,4-Trichlorobenzene
 Concen: 12.098 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 1388096
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.2 115.8
 184 31.9 24.4 36.6

