

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040092.D
 Acq On : 16 Jan 2023 10:58
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Jan 17 05:52:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1109946	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2986030	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2829554	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2305611	9.804	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	332819	1.710	ppbv	98
3) Chlorodifluoromethane	2.661	51	282608	2.123	ppbv	97
4) Chloromethane	2.800	50	172502	2.096	ppbv	98
5) Vinyl Chloride	2.906	62	145904	2.092	ppbv	91
6) Bromomethane	3.108	94	49174	1.932	ppbv	91
7) Chloroethane	3.189	64	52931	1.985	ppbv	96
8) Dichlorotetrafluoroethane	2.845	85	369047	2.031	ppbv	98
9) Propene	2.681	41	115771	2.093	ppbv	98
10) Heptane	7.581	43	265619	2.084	ppbv	97
11) Trichlorofluoromethane	3.552	101	411552	2.119	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.057	101	308431	2.112	ppbv	100
13) Ethanol	3.240	45	7660	1.505	ppbv	69
14) Bromoethene	3.356	108	103754	1.914	ppbv	88
15) Acetone	3.462	43	285609	2.146	ppbv	100
16) 1,3-Butadiene	2.973	39	128645	2.073	ppbv	97
17) tert-Butyl alcohol	3.874	59	235411	1.899	ppbv	97
18) 1,1-Dichloroethene	3.870	96	131700	2.076	ppbv	98
19) Isopropyl Alcohol	3.571	45	52892	0.812	ppbv #	86
20) Methylene Chloride	3.922	84	123348	2.100	ppbv	98
21) Allyl Chloride	3.989	41	170942	2.000	ppbv	96
22) trans-1,2-Dichloroethene	4.436	96	134799	2.079	ppbv	96
23) Vinyl Acetate	4.620	43	84560	1.960	ppbv	97
24) 1,1-Dichloroethane	4.558	63	267389	2.046	ppbv	98
25) Ethyl Acetate	5.202	43	497806	2.123	ppbv	98
26) Hexane	5.208	57	208344	2.030	ppbv	97
27) Carbon Disulfide	4.118	76	273963	2.061	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	240656	2.084	ppbv	98
29) Chloroform	5.269	83	333168	2.030	ppbv	94
30) Cyclohexane	6.600	84	169152	2.073	ppbv	97
31) cis-1,2-Dichloroethene	5.073	61	203960	2.053	ppbv	95
32) 1,1,1-Trichloroethane	5.999	97	363880	2.182	ppbv	98
34) 2-Butanone	4.784	43	284681	2.016	ppbv	97
35) Carbon Tetrachloride	6.494	117	371815	2.202	ppbv	98
36) Benzene	6.365	78	459678	2.080	ppbv	98
37) 1,2-Dichloroethane	5.803	62	292791	2.061	ppbv	98
38) Trichloroethene	7.291	130	260784	2.079	ppbv	94
39) 1,2-Dichloropropane	7.073	63	174733	2.022	ppbv	95
40) 1,4-Dioxane	7.295	88	20390	0.594	ppbv #	1
41) Tetrahydrofuran	5.568	42	162650	1.995	ppbv	95
42) Bromodichloromethane	7.246	83	394746	2.058	ppbv	94
43) Methyl Methacrylate	7.478	69	165092	2.036	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	774510	2.108	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	128247	1.774	ppbv	98

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Instrument :
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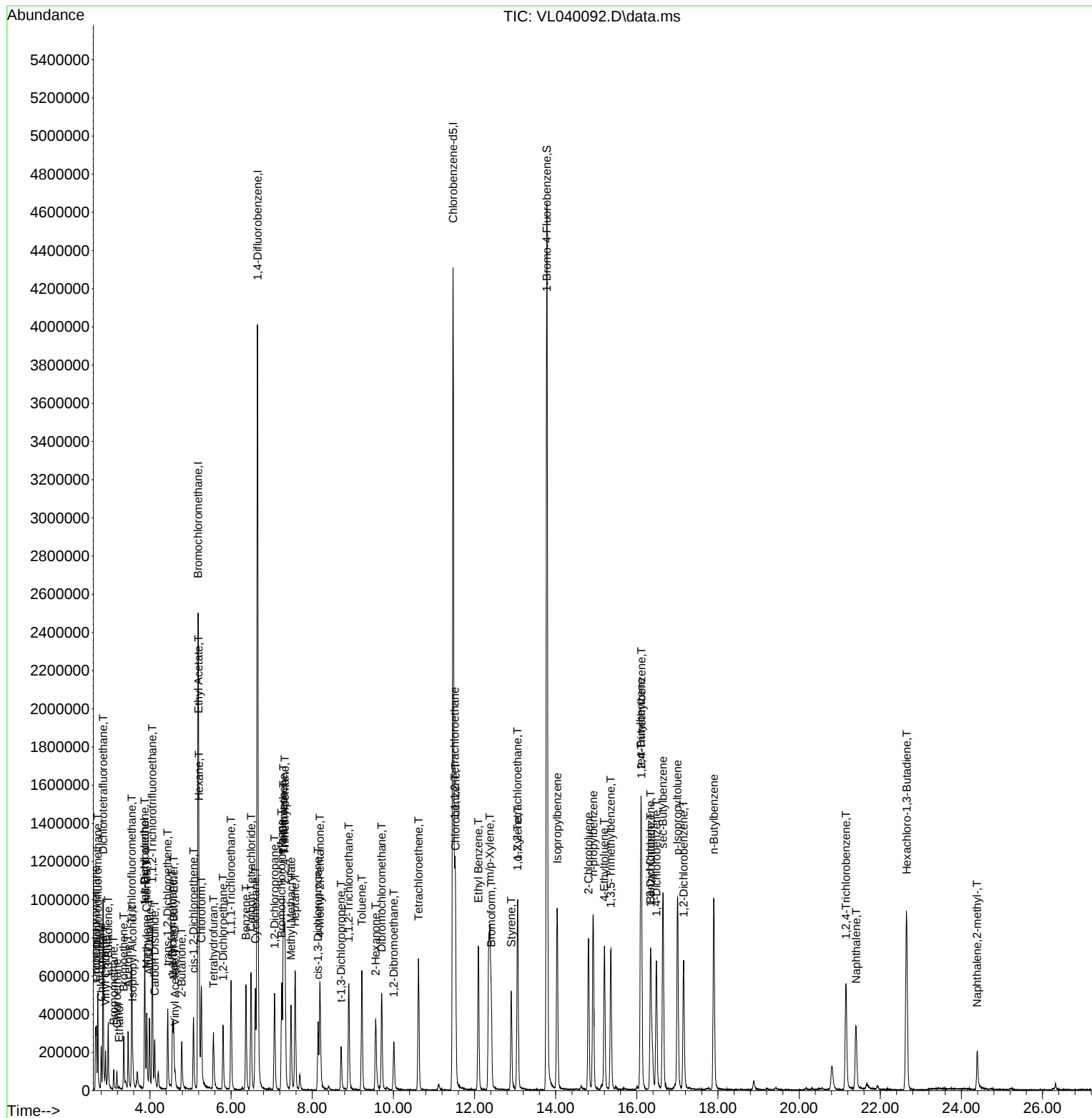
Quant Time: Jan 17 05:52:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
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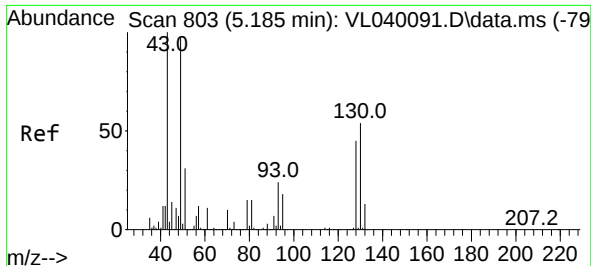
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	200011	2.024	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	186807	2.053	ppbv	97
48) Dibromochloromethane	9.709	129	293339	2.006	ppbv	99
49) Bromoform	12.413	173	224140	1.989	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	459913	2.070	ppbv	98
51) 2-Hexanone	9.561	43	348284	2.069	ppbv #	100
52) Tetrachloroethene	10.623	164	149386	2.067	ppbv	92
53) Toluene	9.224	91	484047	2.054	ppbv	100
54) 1,2-Dibromoethane	10.012	107	196649	2.064	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	225706	2.050	ppbv #	1
57) Chlorobenzene	11.532	112	394340	2.045	ppbv #	94
58) Ethyl Benzene	12.098	91	657778	2.083	ppbv	100
59) m/p-Xylene	12.378	91	512420	1.805	ppbv #	14
60) o-Xylene	13.066	91	571846	2.122	ppbv	99
61) Styrene	12.905	104	290892	2.071	ppbv	99
62) Isopropylbenzene	14.037	105	813570	2.099	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.057	83	201446	2.059	ppbv	97
64) n-propylbenzene	14.928	120	199825	2.074	ppbv	94
65) tert-Butylbenzene	16.098	119	707682	2.132	ppbv	96
66) Benzyl Chloride	16.339	91	12083	0.533	ppbv #	30
67) sec-Butylbenzene	16.645	105	1017381	2.162	ppbv	99
69) p-Isopropyltoluene	17.002	119	805198	2.178	ppbv	99
70) n-Butylbenzene	17.899	91	887473	2.226	ppbv	98
71) 2-Chlorotoluene	14.809	91	627476	2.105	ppbv	98
72) 4-Ethyltoluene	15.201	105	621038	2.077	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	572113	2.125	ppbv	92
74) 1,2,4-Trimethylbenzene	16.114	105	648867	2.176	ppbv	94
75) 1,3-Dichlorobenzene	16.336	146	170713	1.031	ppbv #	20
76) 1,4-Dichlorobenzene	16.484	146	330496	2.029	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	331397	2.092	ppbv	98
78) Hexachloro-1,3-Butadiene	22.651	225	146726	1.265	ppbv #	45
79) Naphthalene	21.407	128	423311	2.477	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	135990	2.362	ppbv	91
81) 1,2,4-Trichlorobenzene	21.153	180	208108	1.976	ppbv	91

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jan 16 14:40:47 2023
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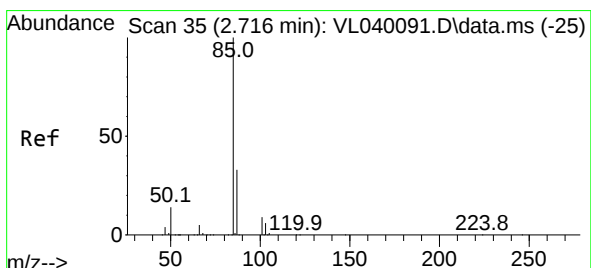
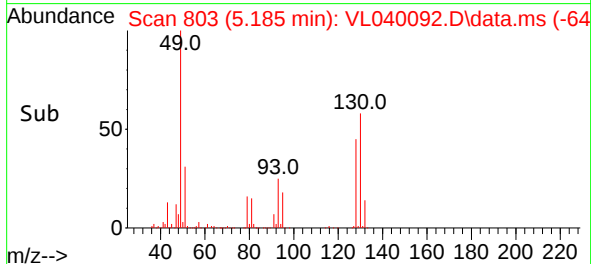
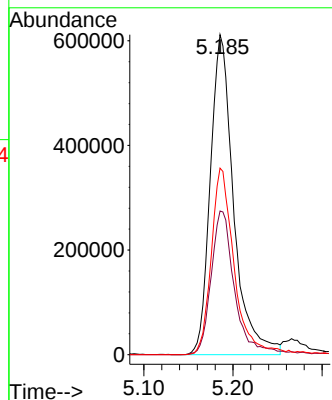
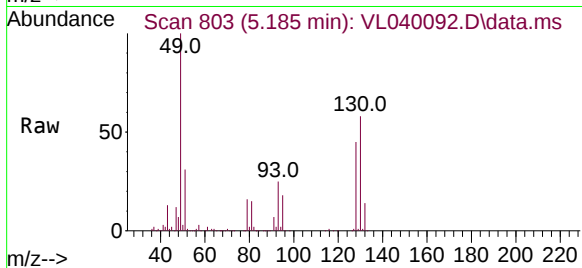




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

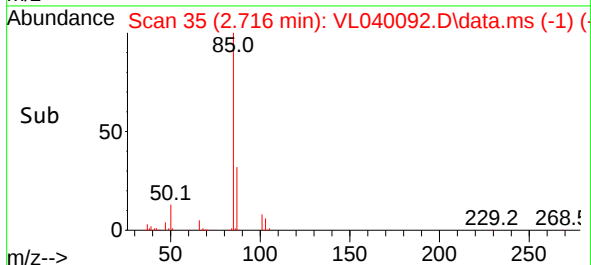
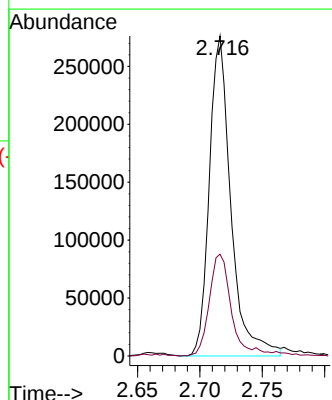
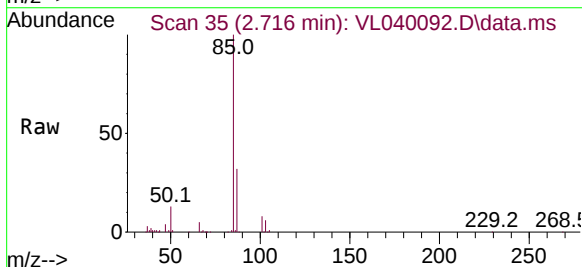
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ClientSampleId :
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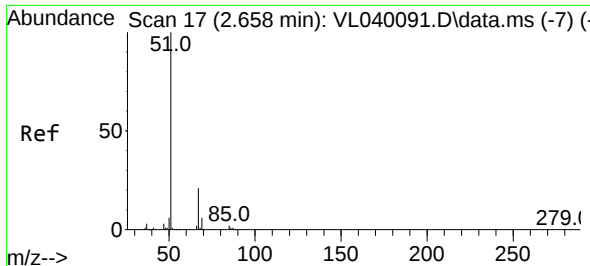
Tgt Ion: 49 Resp: 1109946
Ion Ratio Lower Upper
49 100
128 45.8 23.6 71.0
130 59.1 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 1.710 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 85 Resp: 332819
Ion Ratio Lower Upper
85 100
87 31.8 26.5 39.7

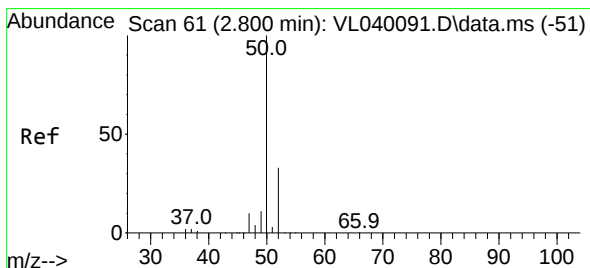
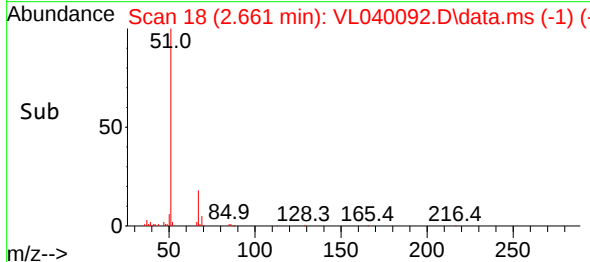
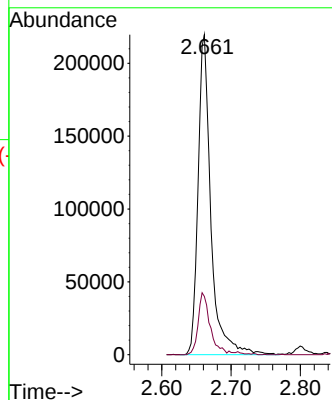
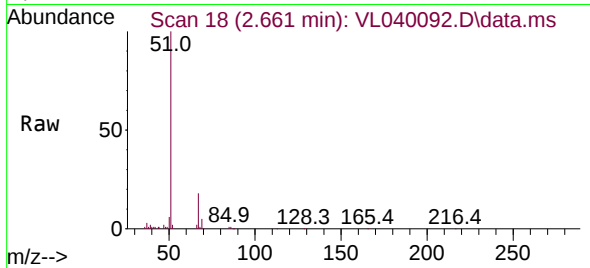




#3
Chlorodifluoromethane
Concen: 2.123 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

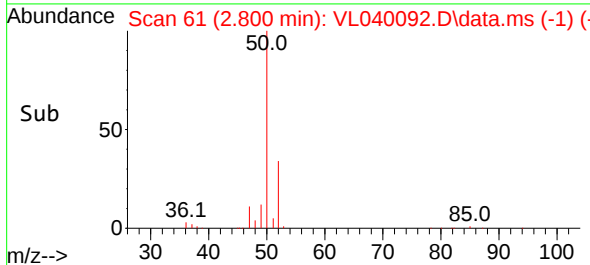
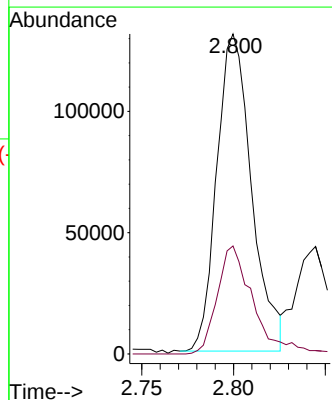
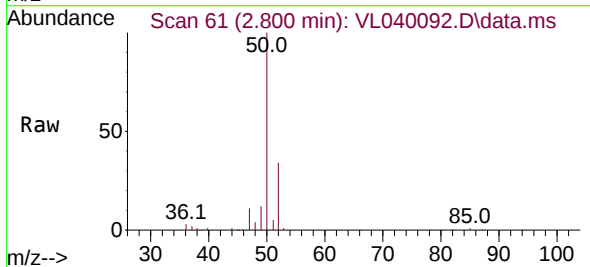
Instrument :
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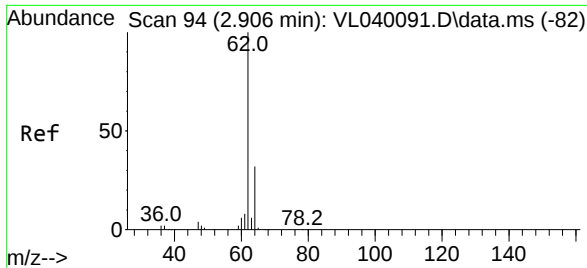
Tgt Ion: 51 Resp: 282608
Ion Ratio Lower Upper
51 100
67 19.0 16.4 24.6



#4
Chloromethane
Concen: 2.096 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 50 Resp: 172502
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

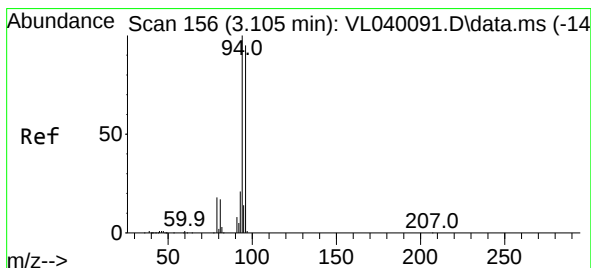
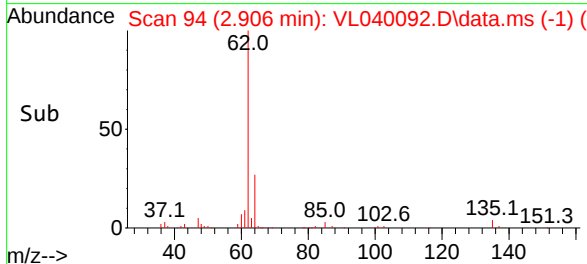
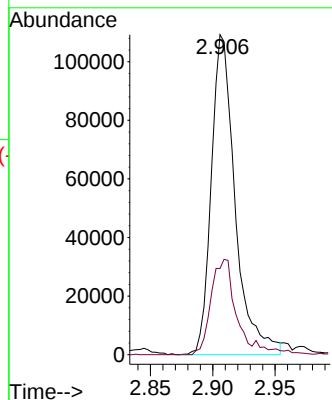
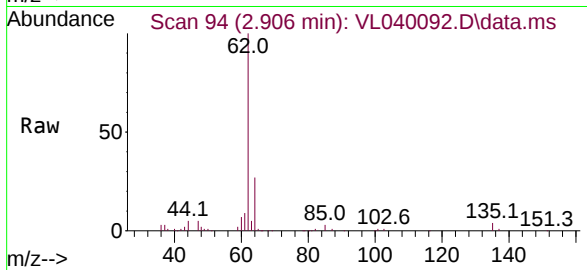




#5
 Vinyl Chloride
 Concen: 2.092 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

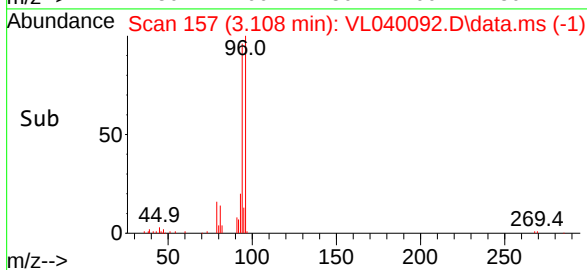
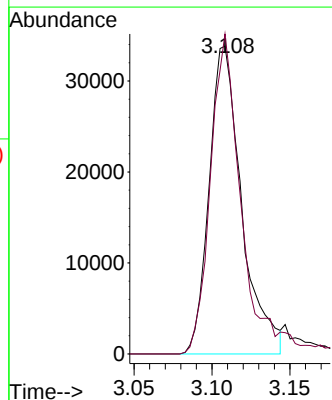
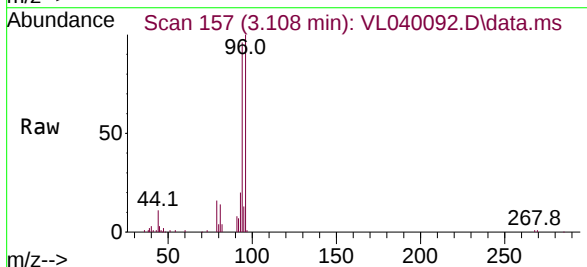
Instrument :
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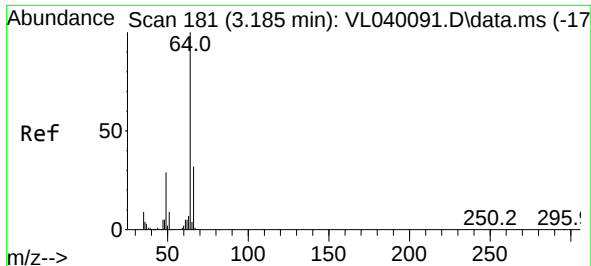
Tgt Ion: 62 Resp: 145904
 Ion Ratio Lower Upper
 62 100
 64 27.0 25.8 38.6



#6
 Bromomethane
 Concen: 1.932 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion: 94 Resp: 49174
 Ion Ratio Lower Upper
 94 100
 96 104.0 76.2 114.2

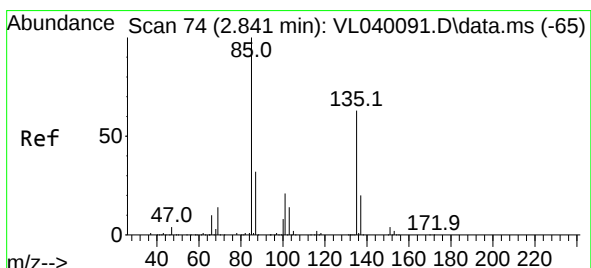
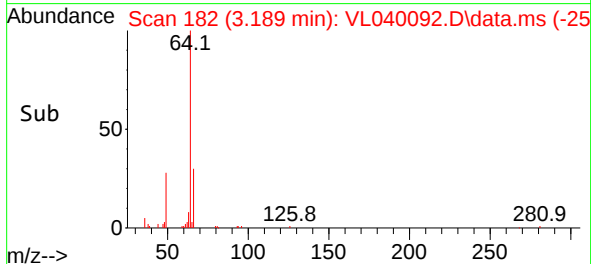
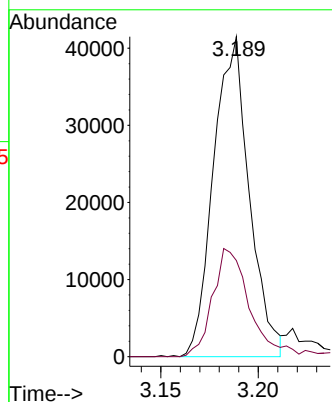
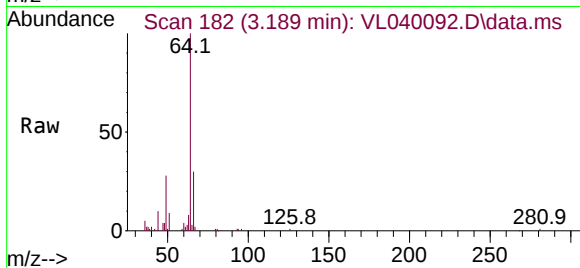




#7
Chloroethane
Concen: 1.985 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

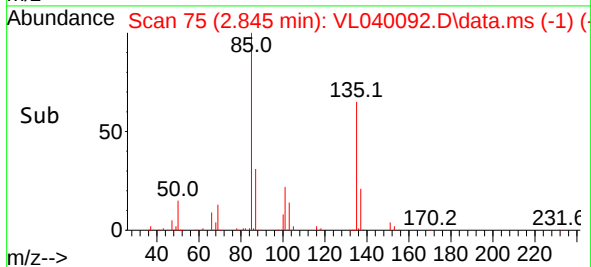
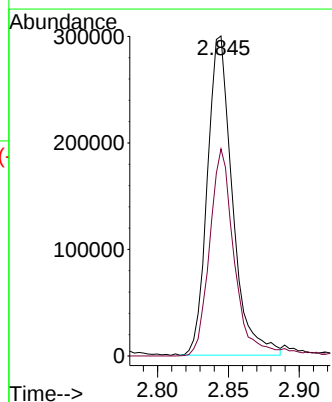
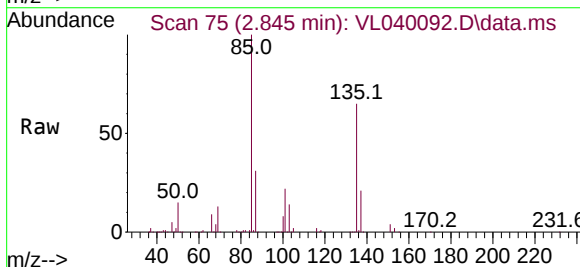
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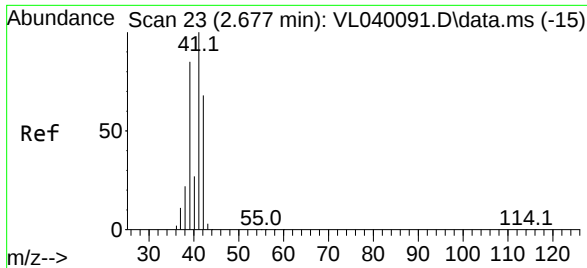
Tgt Ion: 64 Resp: 52931
Ion Ratio Lower Upper
64 100
66 30.0 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 2.031 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 85 Resp: 369047
Ion Ratio Lower Upper
85 100
135 65.9 51.4 77.2

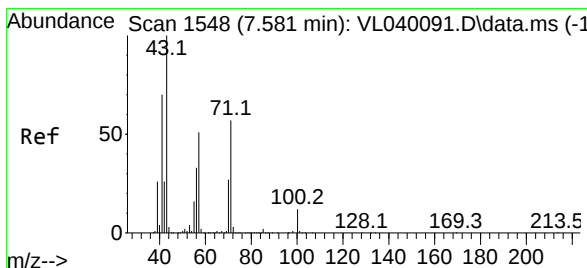
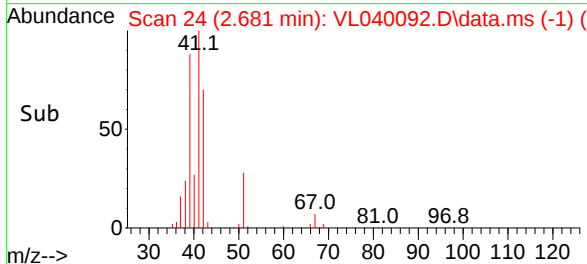
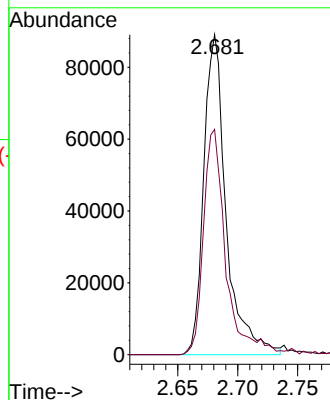
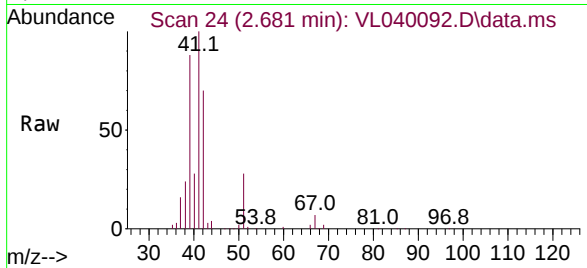




#9
 Propene
 Concen: 2.093 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

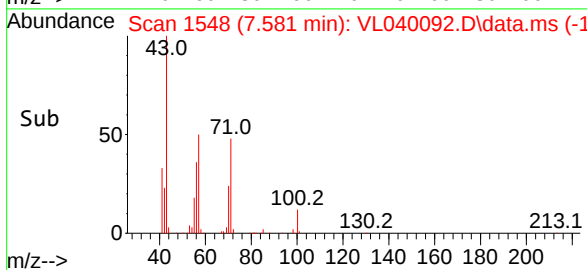
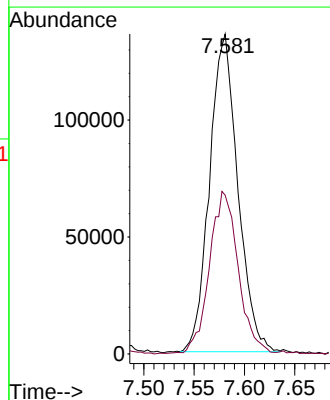
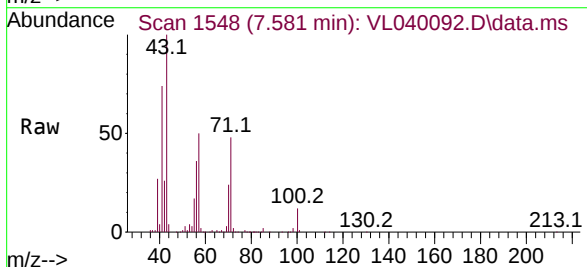
Instrument :
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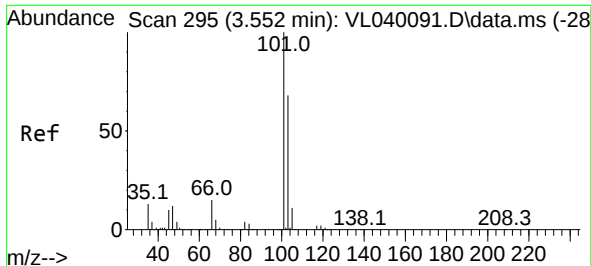
Tgt Ion: 41 Resp: 115771
 Ion Ratio Lower Upper
 41 100
 42 71.3 55.6 83.4



#10
 Heptane
 Concen: 2.084 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion: 43 Resp: 265619
 Ion Ratio Lower Upper
 43 100
 57 52.9 40.9 61.3

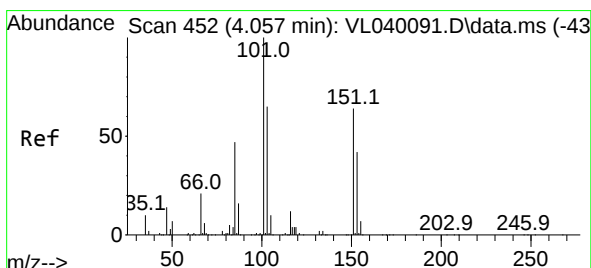
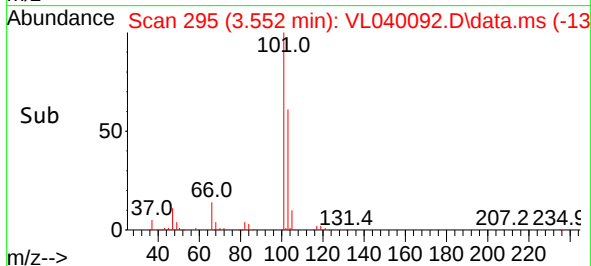
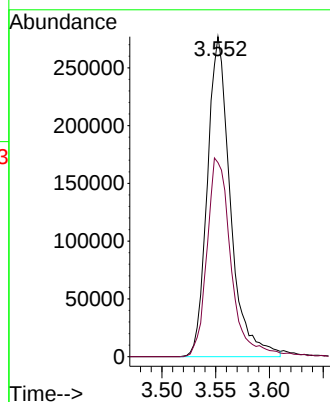
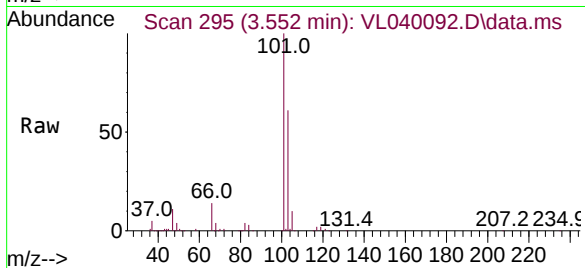




#11
 Trichlorofluoromethane
 Concen: 2.119 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

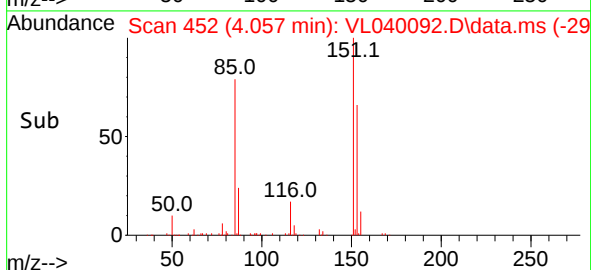
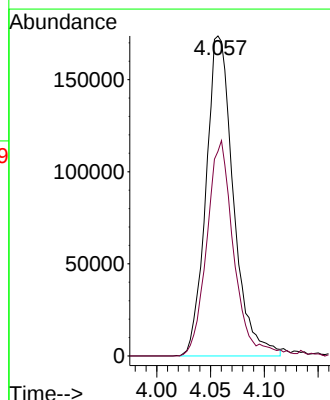
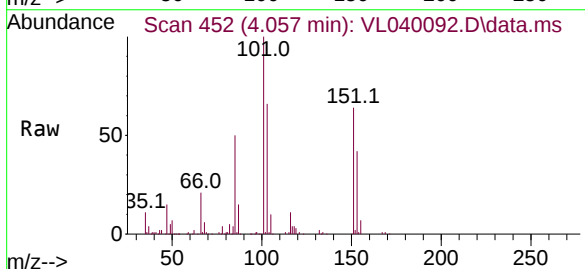
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

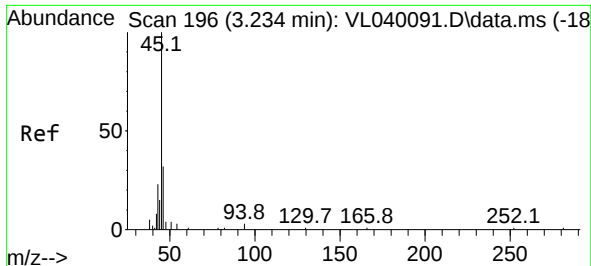
Tgt Ion:101 Resp: 411552
 Ion Ratio Lower Upper
 101 100
 103 60.7 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.112 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion:101 Resp: 308431
 Ion Ratio Lower Upper
 101 100
 151 66.9 53.2 79.8

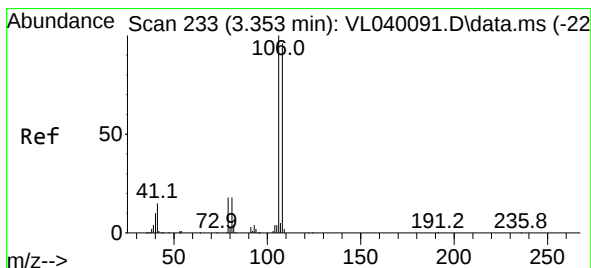
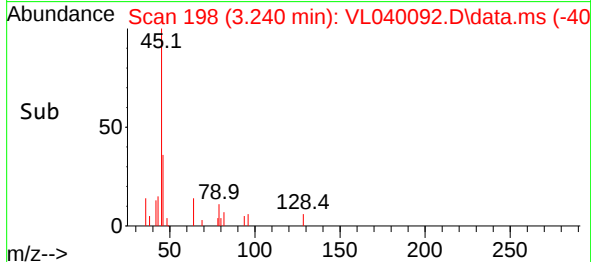
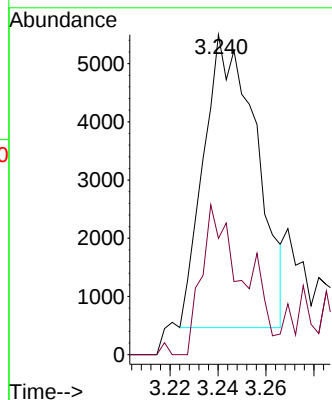
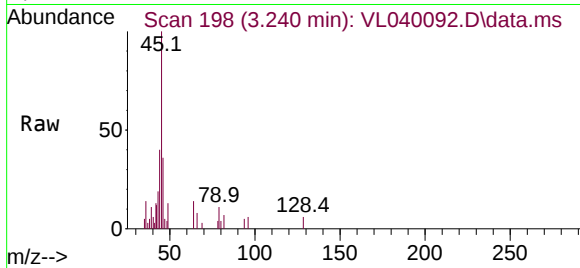




#13
Ethanol
Concen: 1.505 ppbv
RT: 3.240 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

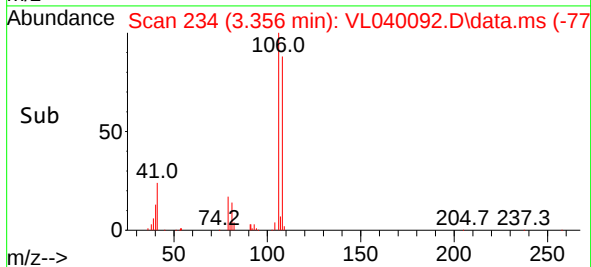
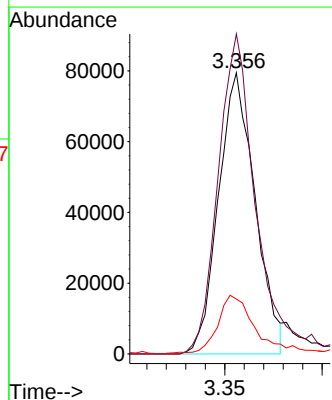
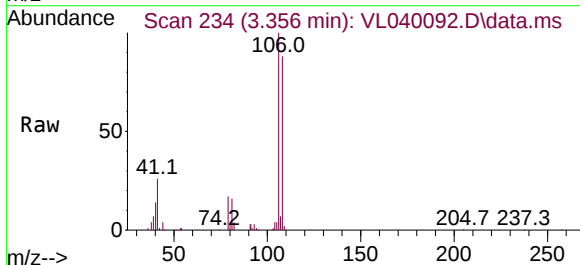
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

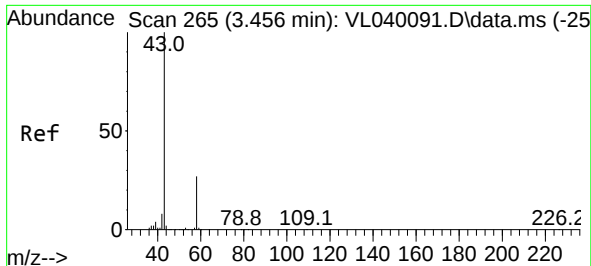
Tgt Ion: 45 Resp: 7660
Ion Ratio Lower Upper
45 100
46 55.4 14.8 59.2



#14
Bromoethene
Concen: 1.914 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 108 Resp: 103754
Ion Ratio Lower Upper
108 100
106 122.4 87.0 130.6
79 22.9 16.1 24.1

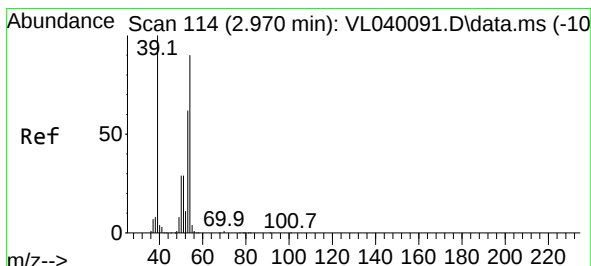
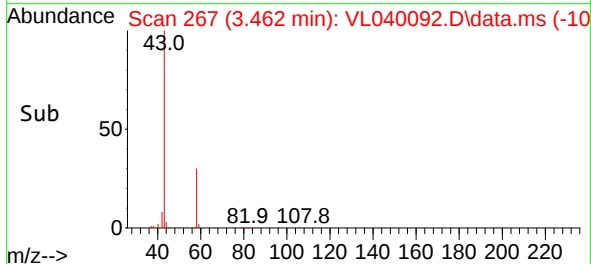
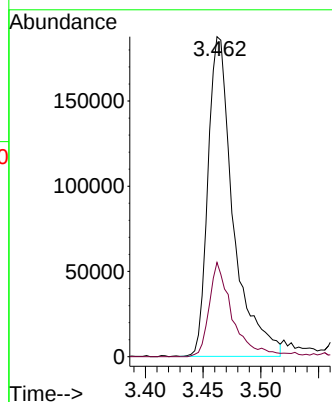
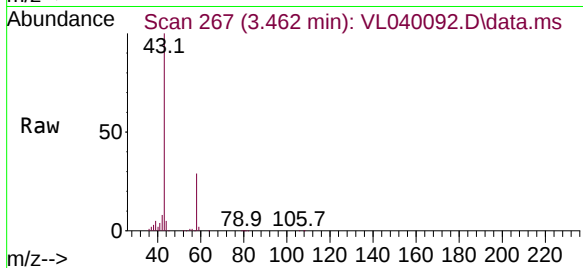




#15
Acetone
Concen: 2.146 ppbv
RT: 3.462 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

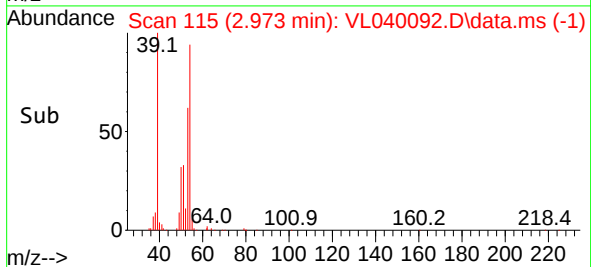
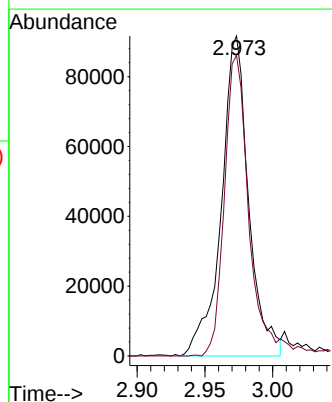
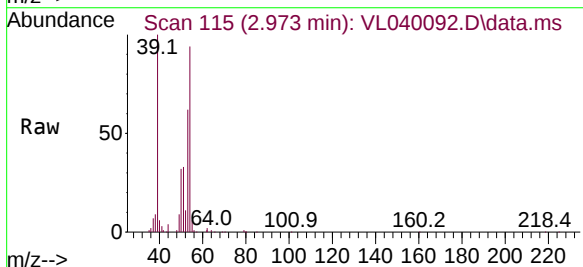
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

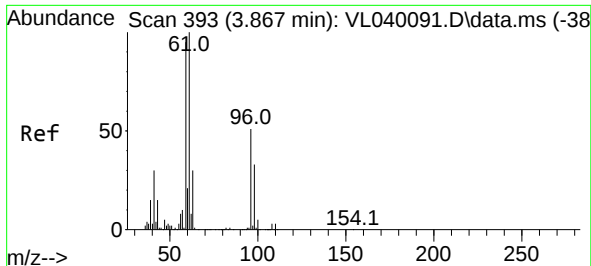
Tgt Ion: 43 Resp: 285609
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.8



#16
1,3-Butadiene
Concen: 2.073 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 39 Resp: 128645
Ion Ratio Lower Upper
39 100
54 87.2 67.9 101.9





#17

tert-Butyl alcohol

Concen: 1.899 ppbv

RT: 3.874 min Scan# 393

Delta R.T. 0.007 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

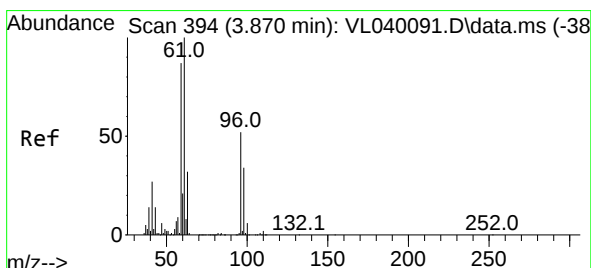
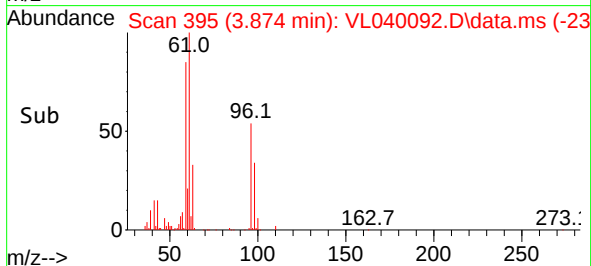
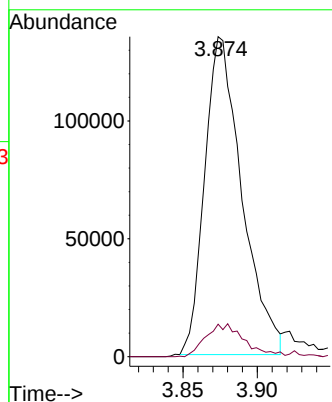
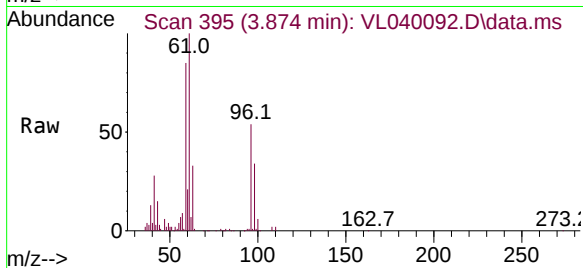
VSTDIC002

Tgt Ion: 59 Resp: 235411

Ion Ratio Lower Upper

59 100

57 11.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 2.076 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

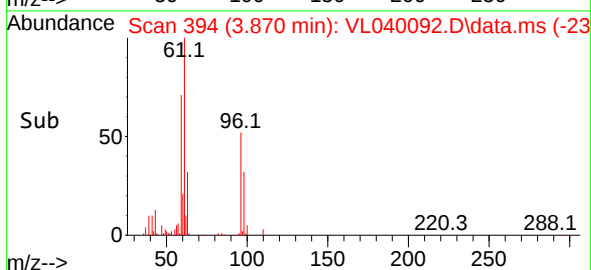
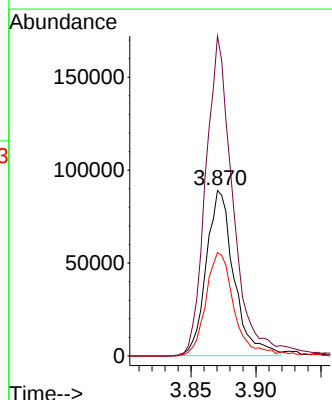
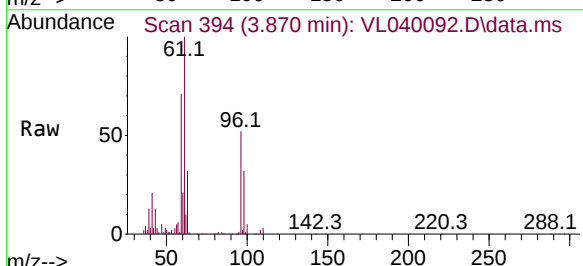
Tgt Ion: 96 Resp: 131700

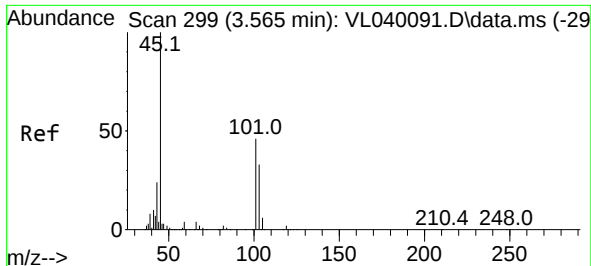
Ion Ratio Lower Upper

96 100

61 192.5 153.0 229.4

98 62.3 52.7 79.1

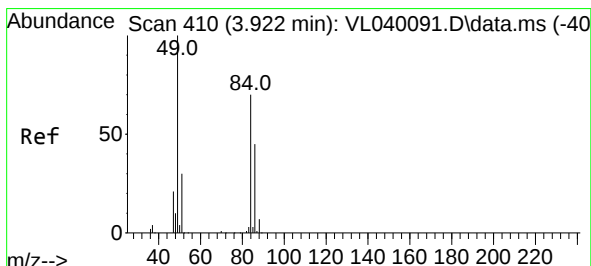
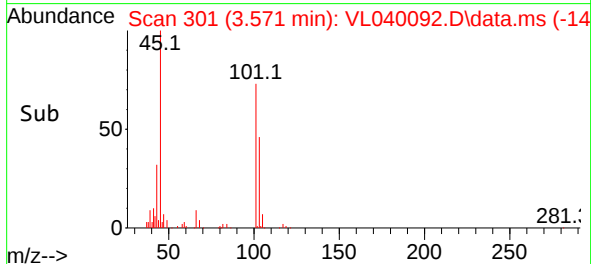
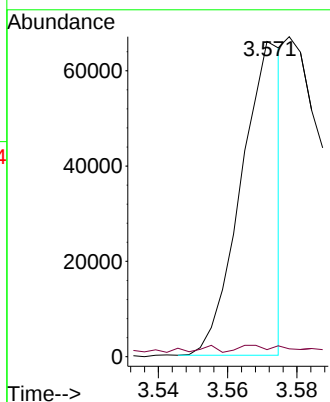
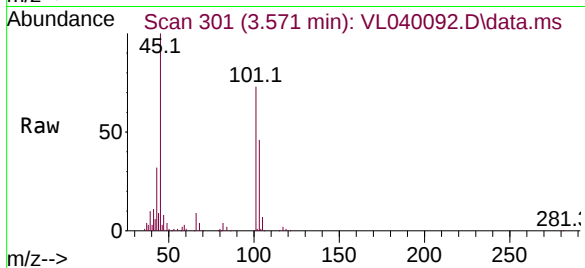




#19
Isopropyl Alcohol
Concen: 0.812 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

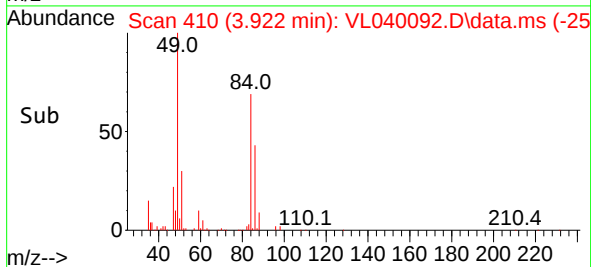
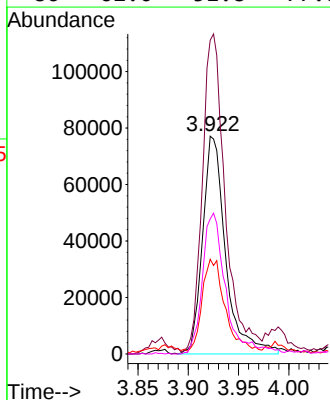
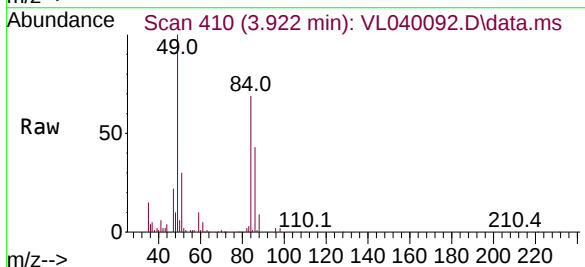
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

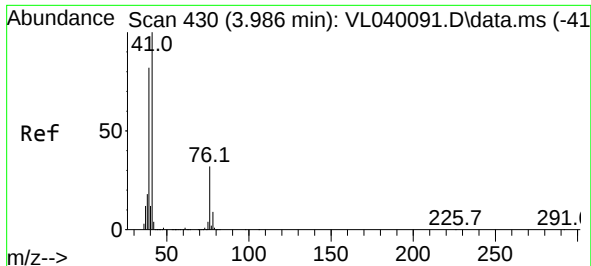
Tgt Ion: 45 Resp: 52892
Ion Ratio Lower Upper
45 100
58 8.0 2.6 4.0#



#20
Methylene Chloride
Concen: 2.100 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 84 Resp: 123348
Ion Ratio Lower Upper
84 100
49 141.4 114.6 171.8
51 41.1 34.3 51.5
86 62.0 51.8 77.8

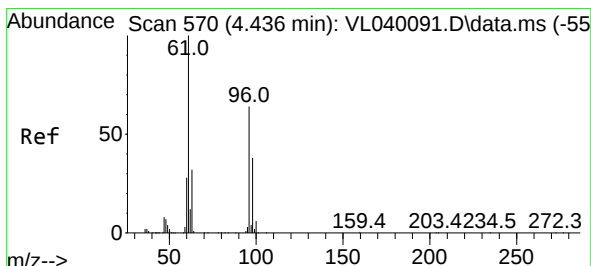
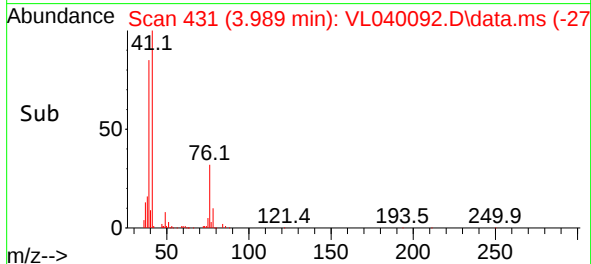
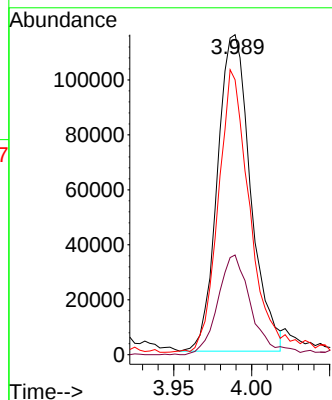
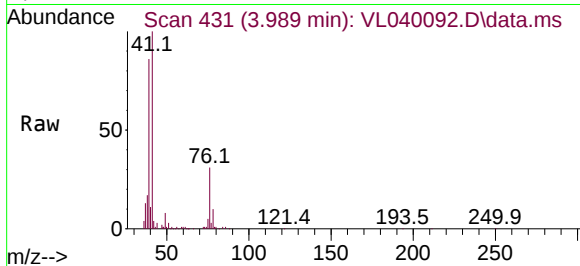




#21
 Allyl Chloride
 Concen: 2.000 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

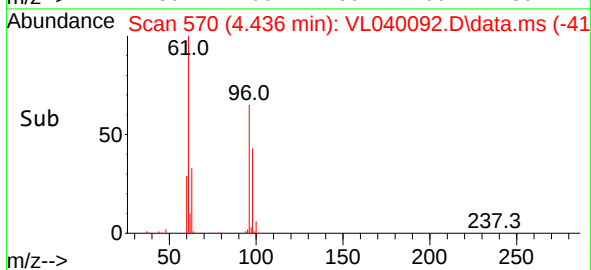
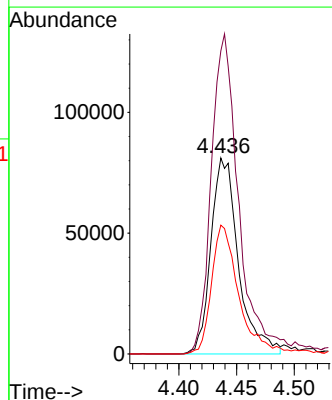
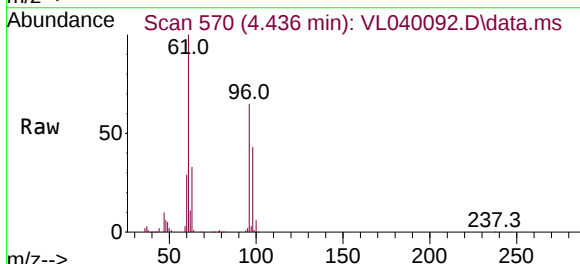
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

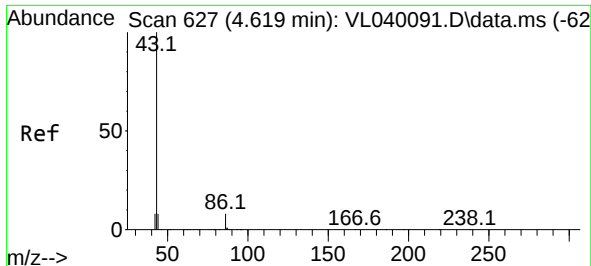
Tgt Ion: 41 Resp: 170942
 Ion Ratio Lower Upper
 41 100
 76 32.8 25.9 38.9
 39 88.2 66.8 100.2



#22
 trans-1,2-Dichloroethene
 Concen: 2.079 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion: 96 Resp: 134799
 Ion Ratio Lower Upper
 96 100
 61 154.6 125.8 188.8
 98 65.7 47.4 71.2

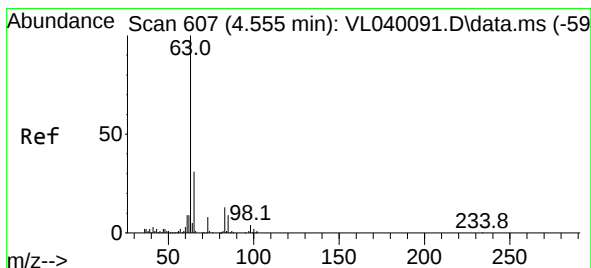
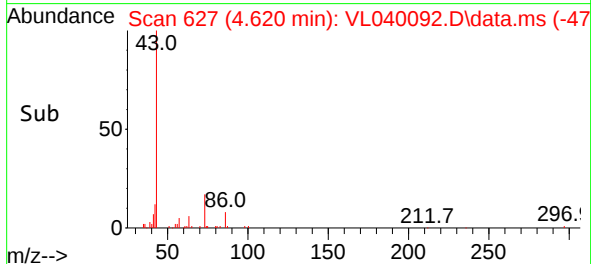
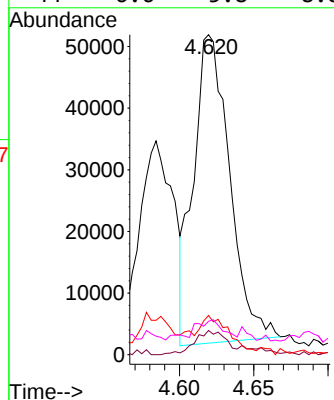
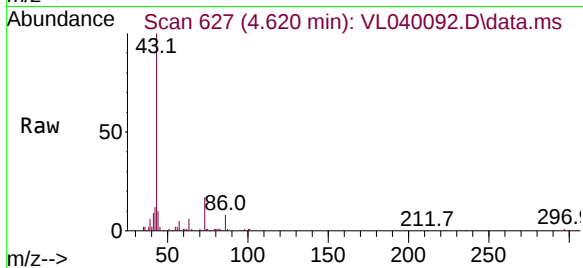




#23
 Vinyl Acetate
 Concen: 1.960 ppbv
 RT: 4.620 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

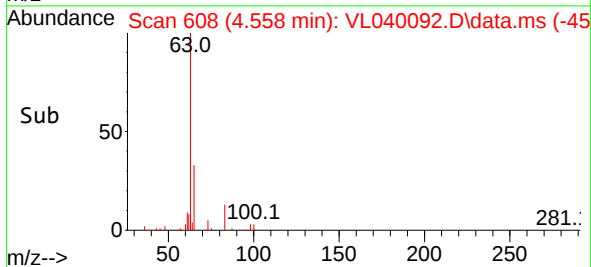
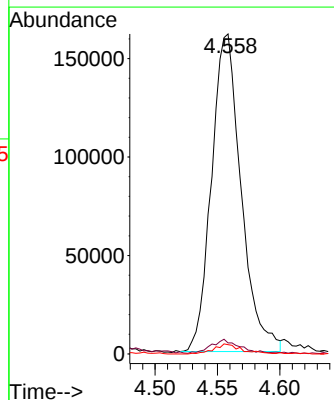
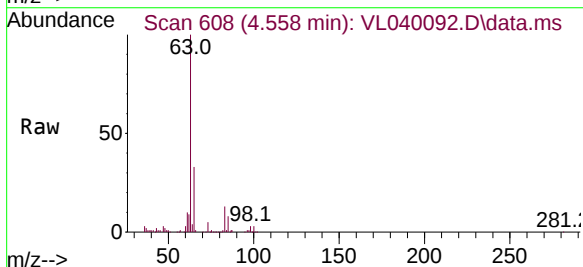
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

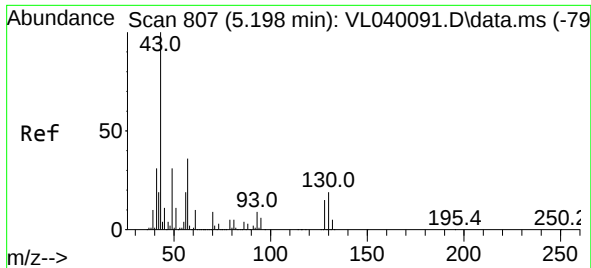
Tgt Ion: 43	Resp: 84560
Ion Ratio	Lower Upper
43 100	
86 7.6	5.6 8.4
42 11.0	7.7 11.5
44 6.6	5.8 8.8



#24
 1,1-Dichloroethane
 Concen: 2.046 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.003 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion: 63	Resp: 267389
Ion Ratio	Lower Upper
63 100	
98 3.0	2.0 5.8
100 2.9	1.1 3.5





#25

Ethyl Acetate

Concen: 2.123 ppbv

RT: 5.202 min Scan# 80

Delta R.T. 0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 43 Resp: 497806

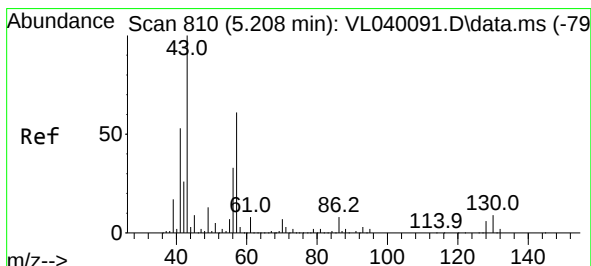
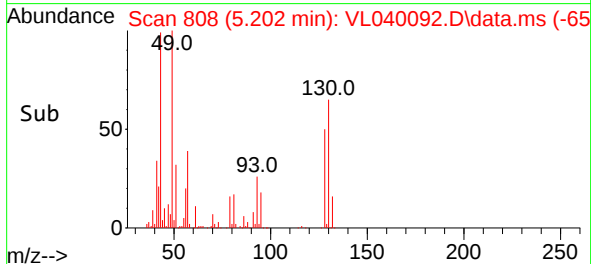
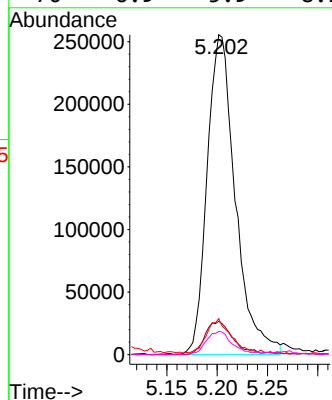
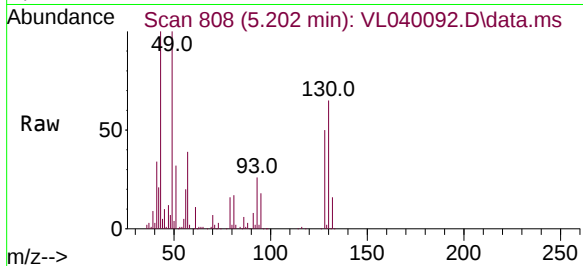
Ion Ratio Lower Upper

43 100

45 11.2 8.5 12.7

61 9.7 8.4 12.6

70 6.9 5.9 8.9



#26

Hexane

Concen: 2.030 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Tgt Ion: 57 Resp: 208344

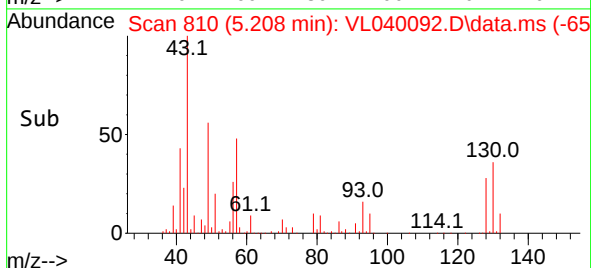
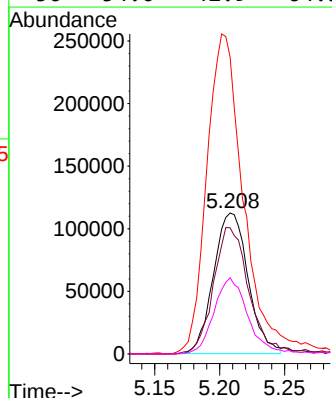
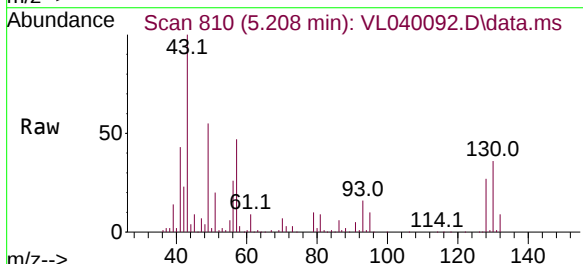
Ion Ratio Lower Upper

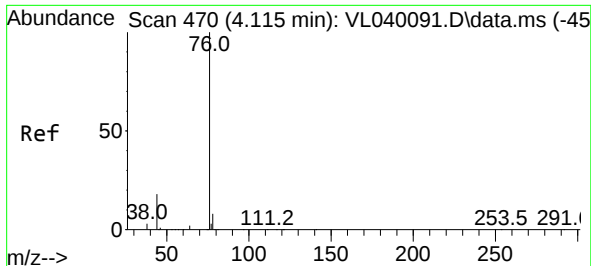
57 100

41 94.6 72.2 108.4

43 245.7 192.1 288.1

56 54.0 42.9 64.3

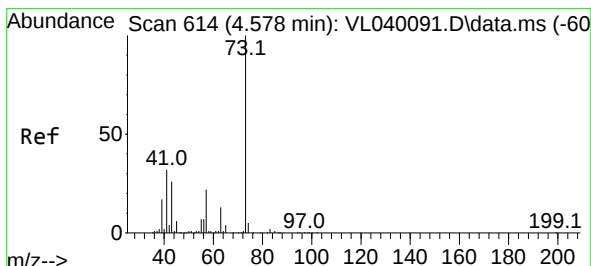
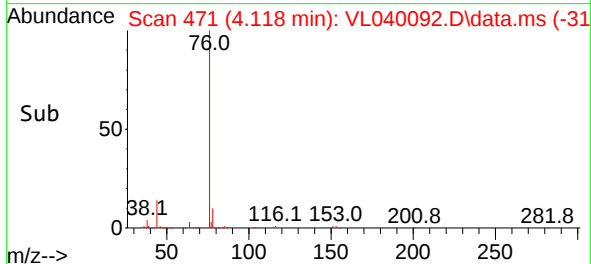
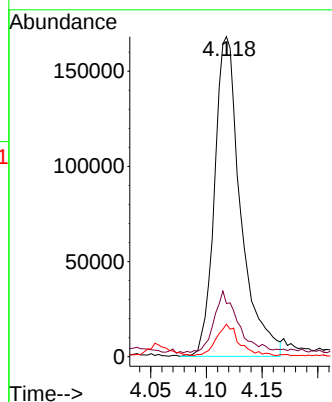
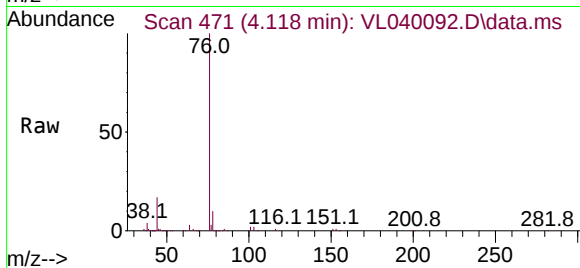




#27
Carbon Disulfide
Concen: 2.061 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

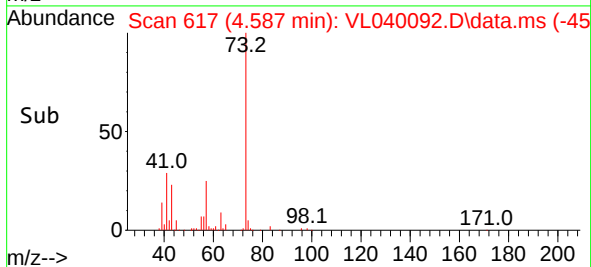
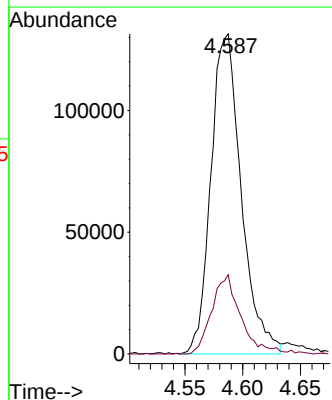
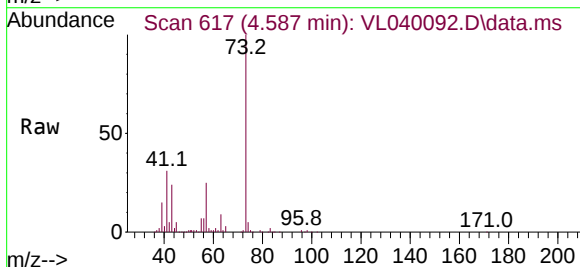
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

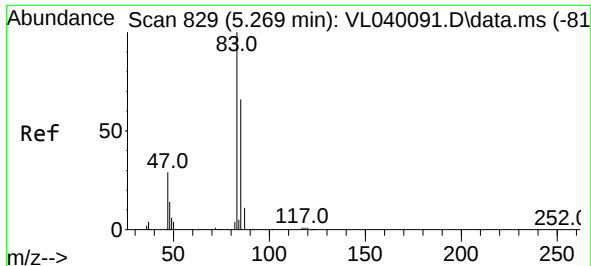
Tgt Ion: 76 Resp: 273963
Ion Ratio Lower Upper
76 100
44 17.5 14.9 22.3
78 9.7 8.2 12.2



#28
Methyl tert-Butyl Ether
Concen: 2.084 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.010 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 73 Resp: 240656
Ion Ratio Lower Upper
73 100
57 24.0 18.3 27.5

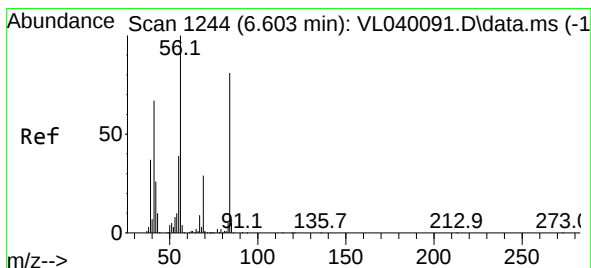
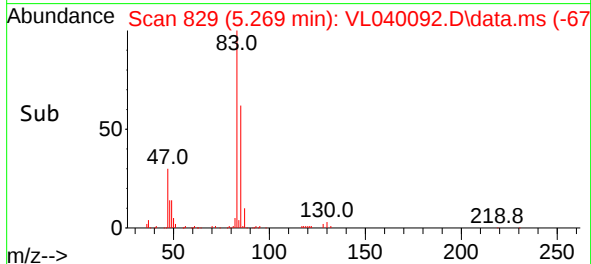
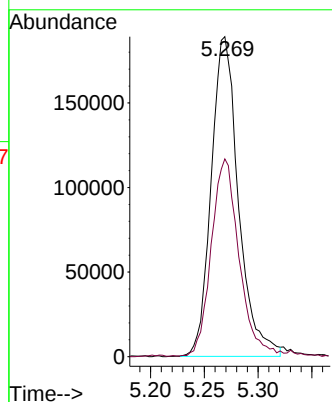
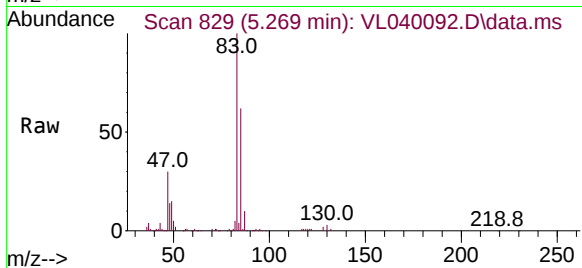




#29
Chloroform
Concen: 2.030 ppbv
RT: 5.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

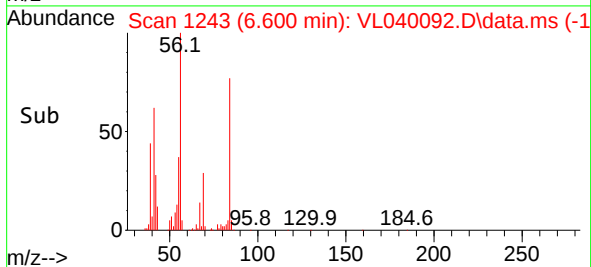
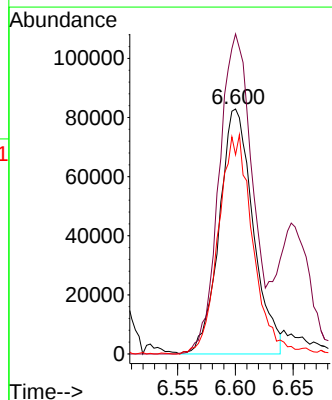
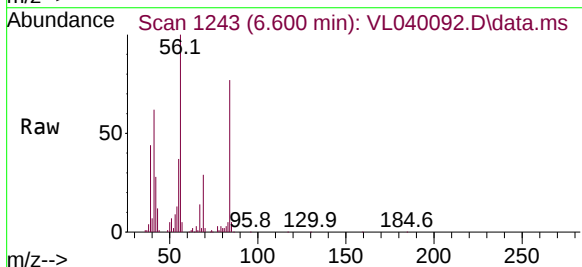
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

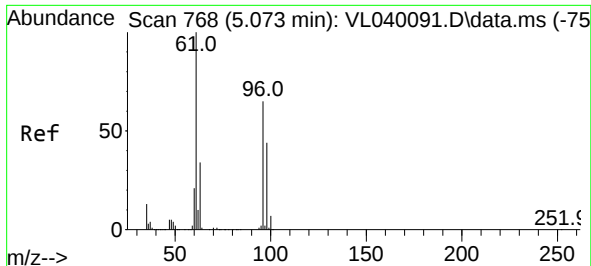
Tgt Ion: 83 Resp: 333168
Ion Ratio Lower Upper
83 100
85 61.6 53.1 79.7



#30
Cyclohexane
Concen: 2.073 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 84 Resp: 169152
Ion Ratio Lower Upper
84 100
56 134.9 111.5 167.3
41 91.4 71.4 107.0





#31

cis-1,2-Dichloroethene

Concen: 2.053 ppbv

RT: 5.073 min Scan# 768

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

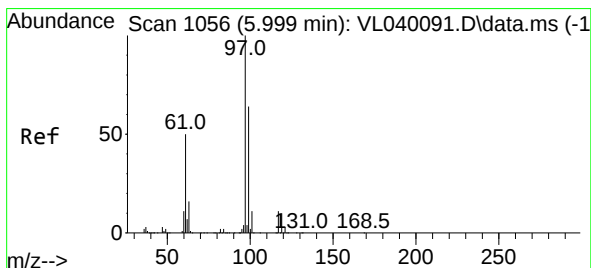
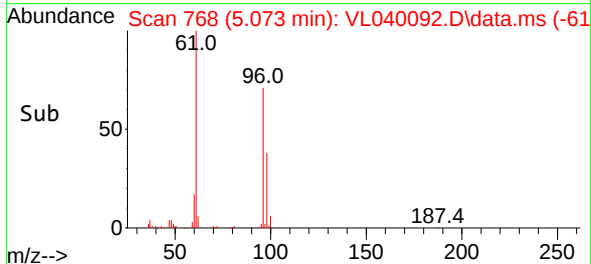
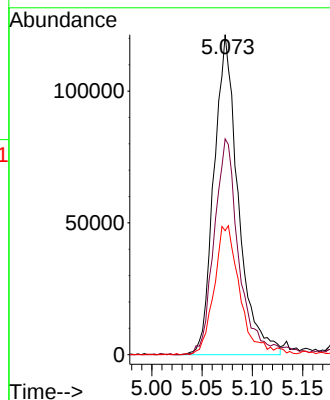
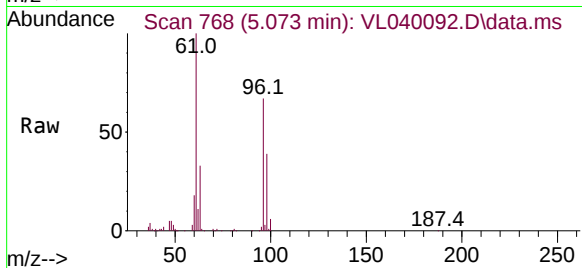
Tgt Ion: 61 Resp: 203960

Ion Ratio Lower Upper

61 100

96 67.5 52.0 78.0

98 38.7 35.3 52.9



#32

1,1,1-Trichloroethane

Concen: 2.182 ppbv

RT: 5.999 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

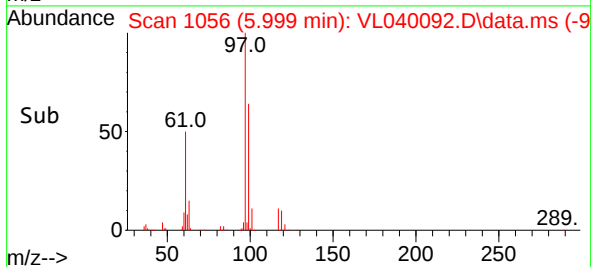
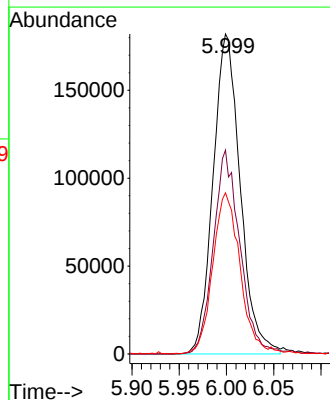
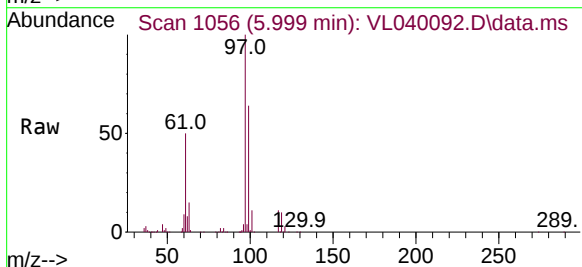
Tgt Ion: 97 Resp: 363880

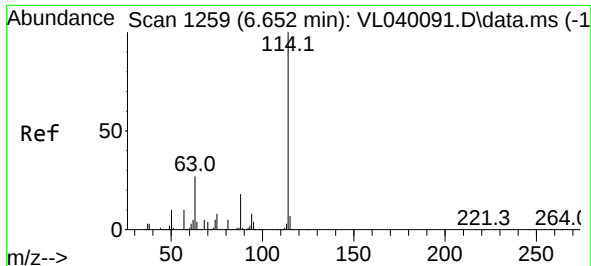
Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.6

61 51.3 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

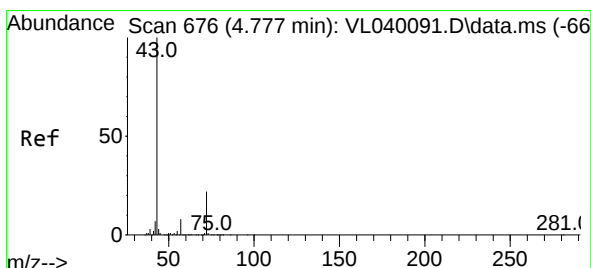
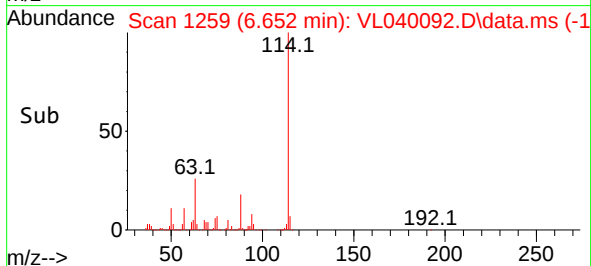
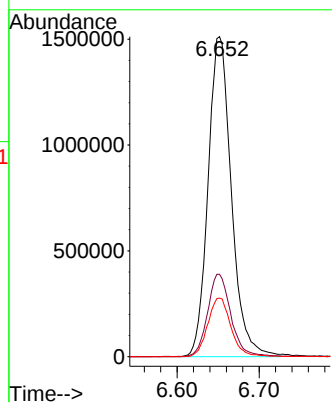
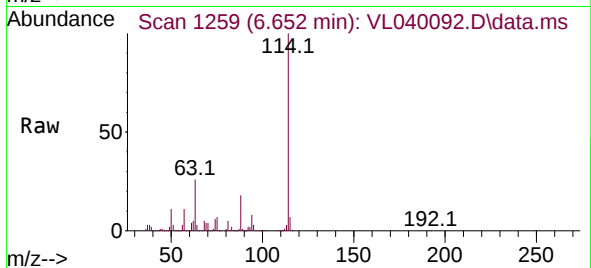
Tgt Ion:114 Resp: 2986030

Ion Ratio Lower Upper

114 100

63 25.9 21.8 32.8

88 18.4 14.8 22.2



#34

2-Butanone

Concen: 2.016 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.006 min

Lab File: VL040092.D

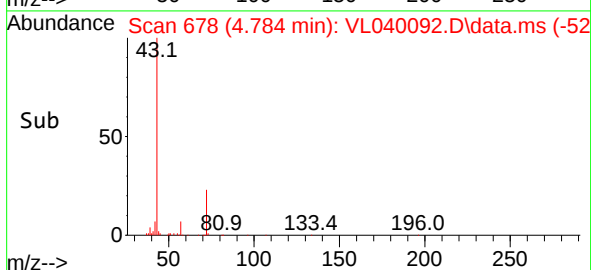
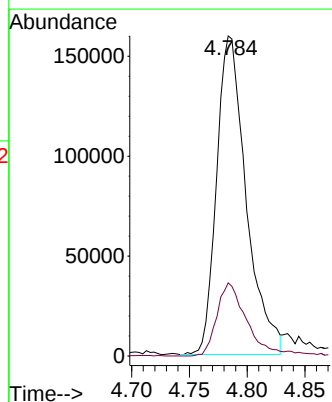
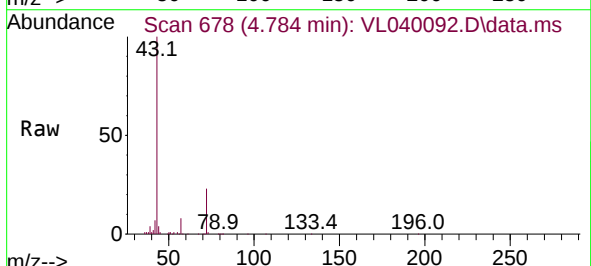
Acq: 16 Jan 2023 10:58

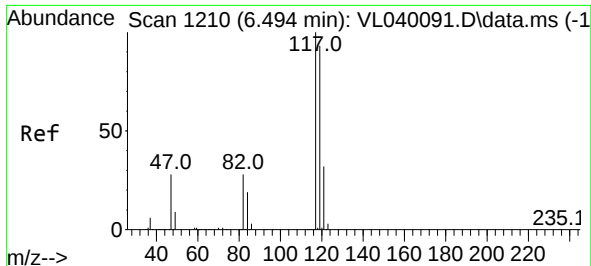
Tgt Ion: 43 Resp: 284681

Ion Ratio Lower Upper

43 100

72 24.2 18.4 27.6

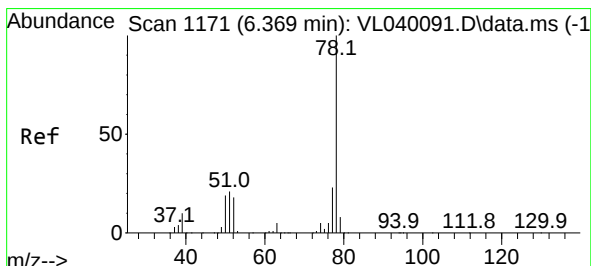
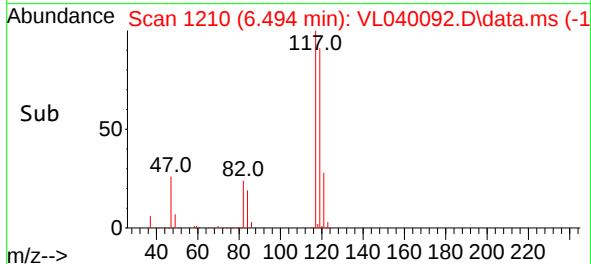
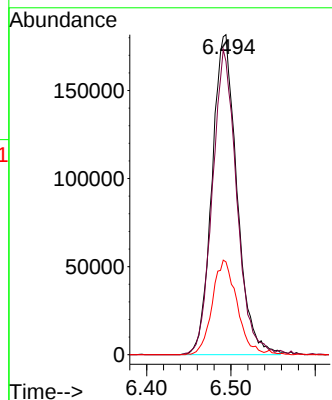
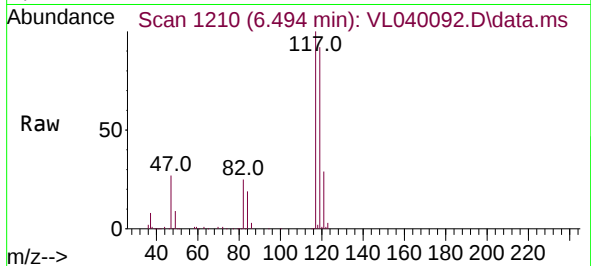




#35
Carbon Tetrachloride
Concen: 2.202 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

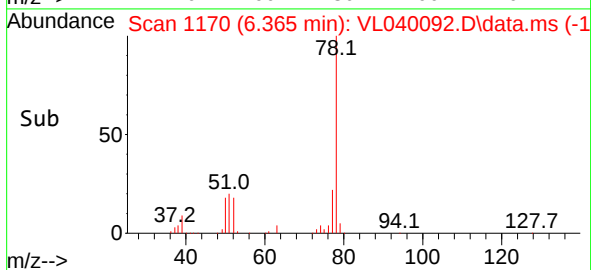
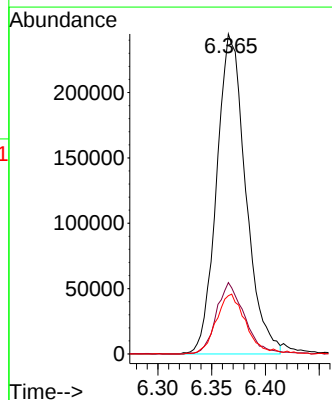
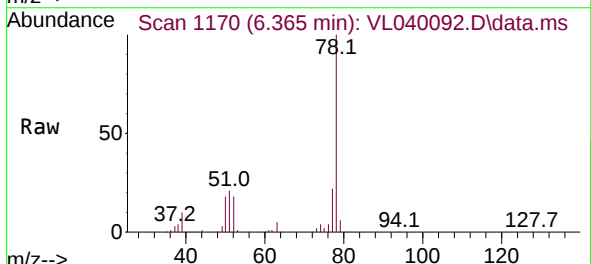
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

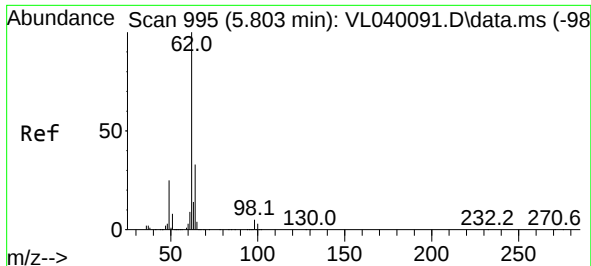
Tgt Ion:117 Resp: 371815
Ion Ratio Lower Upper
117 100
119 91.7 74.5 111.7
121 29.0 25.4 38.0



#36
Benzene
Concen: 2.080 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 78 Resp: 459678
Ion Ratio Lower Upper
78 100
77 22.3 18.1 27.1
50 18.2 15.6 23.4

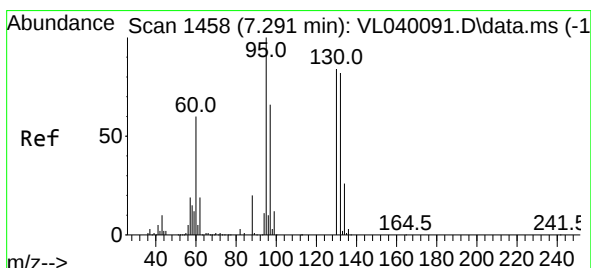
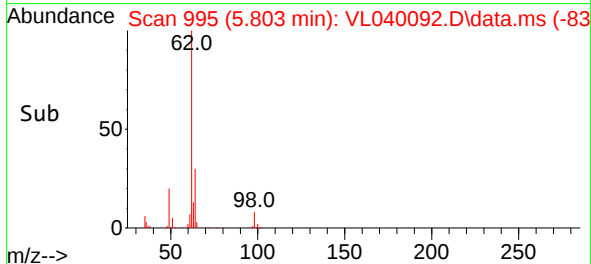
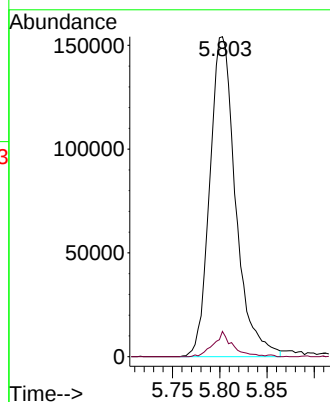
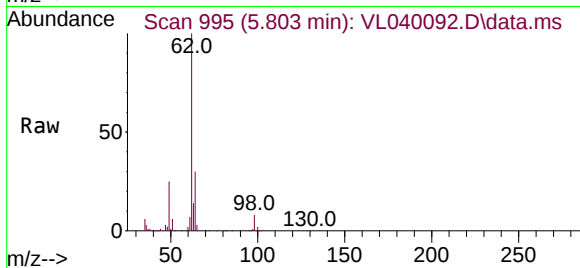




#37
1,2-Dichloroethane
Concen: 2.061 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

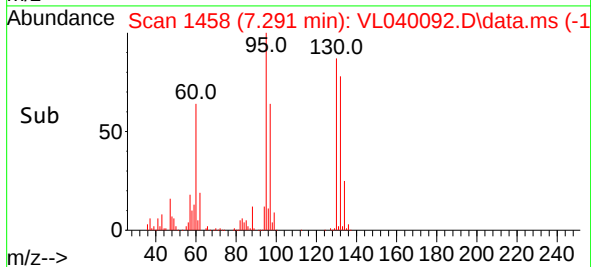
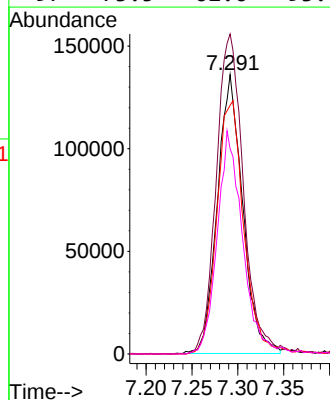
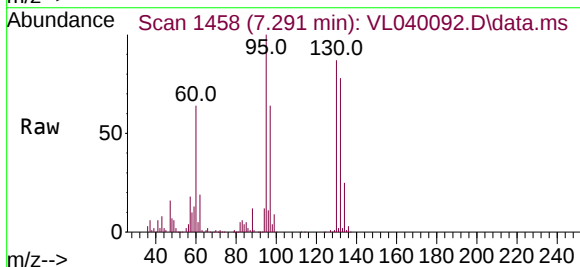
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

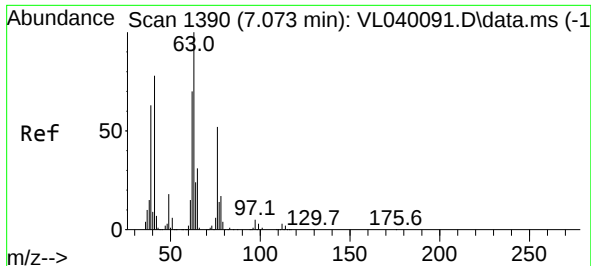
Tgt Ion: 62 Resp: 292791
Ion Ratio Lower Upper
62 100
98 6.0 4.4 6.6



#38
Trichloroethene
Concen: 2.079 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 130 Resp: 260784
Ion Ratio Lower Upper
130 100
95 114.5 95.0 142.6
132 89.1 77.9 116.9
97 73.5 62.6 93.8





#39

1,2-Dichloropropane

Concen: 2.022 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

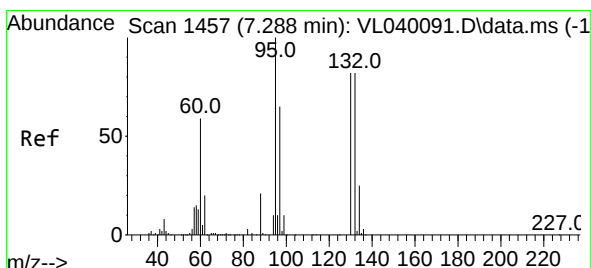
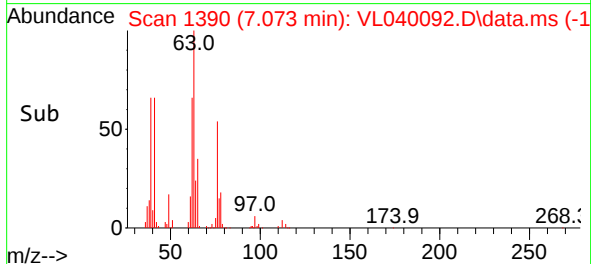
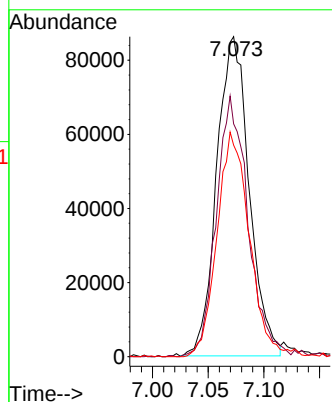
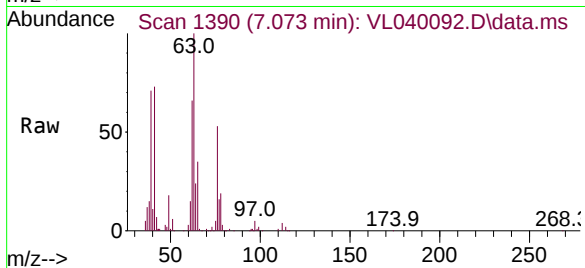
Tgt Ion: 63 Resp: 174733

Ion Ratio Lower Upper

63 100

41 72.9 62.2 93.4

62 66.3 55.8 83.8



#40

1,4-Dioxane

Concen: 0.594 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.007 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Tgt Ion: 88 Resp: 20390

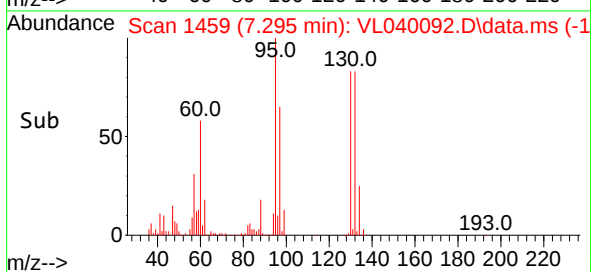
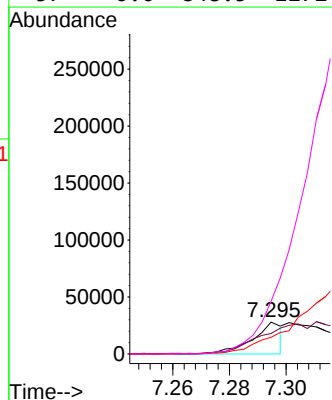
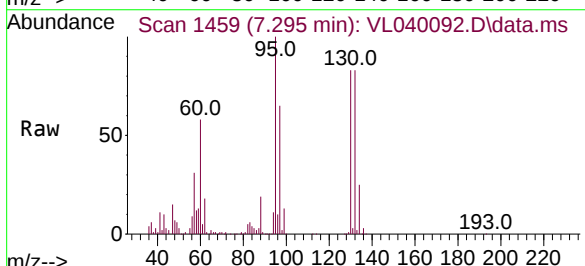
Ion Ratio Lower Upper

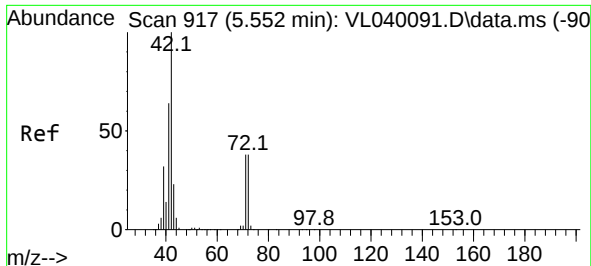
88 100

58 0.0 97.5 146.3#

43 0.0 195.0 292.4#

57 0.0 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 1.995 ppbv

RT: 5.568 min Scan# 917

Delta R.T. 0.016 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

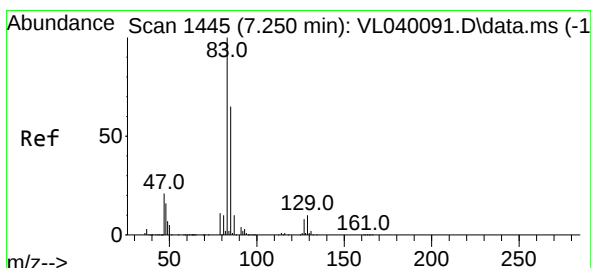
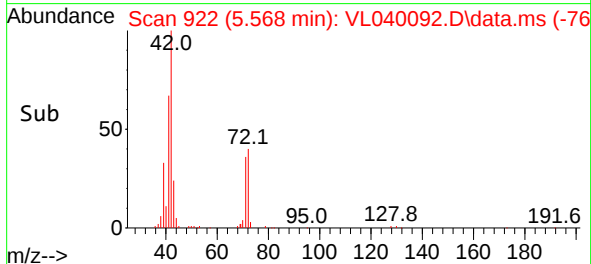
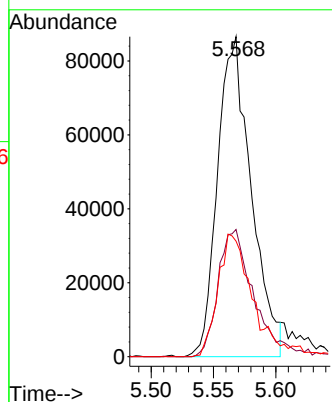
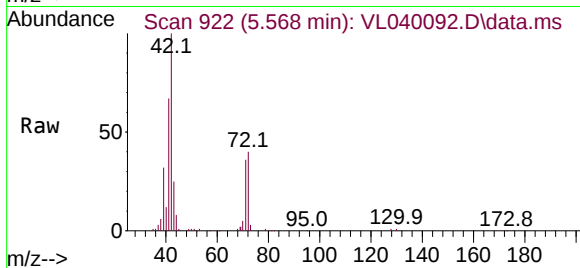
Tgt Ion: 42 Resp: 162650

Ion Ratio Lower Upper

42 100

72 43.6 31.9 47.9

71 41.2 31.4 47.2



#42

Bromodichloromethane

Concen: 2.058 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

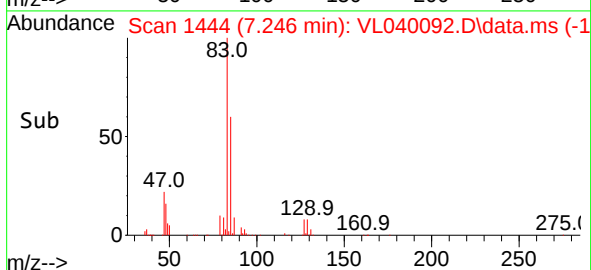
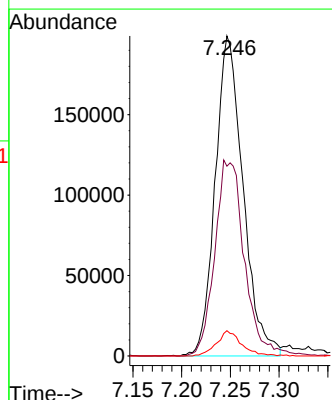
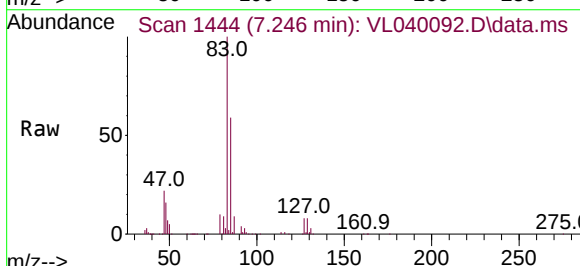
Tgt Ion: 83 Resp: 394746

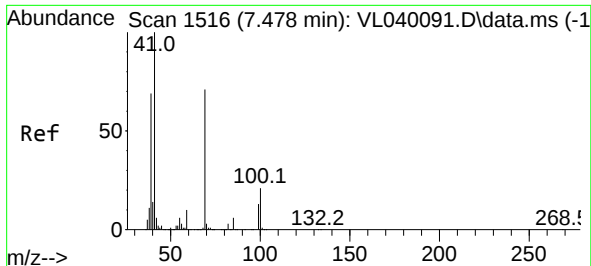
Ion Ratio Lower Upper

83 100

85 59.3 51.7 77.5

127 7.9 6.2 9.2

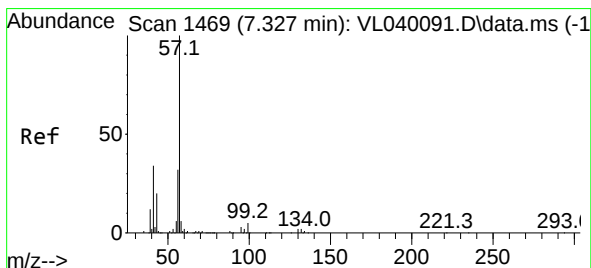
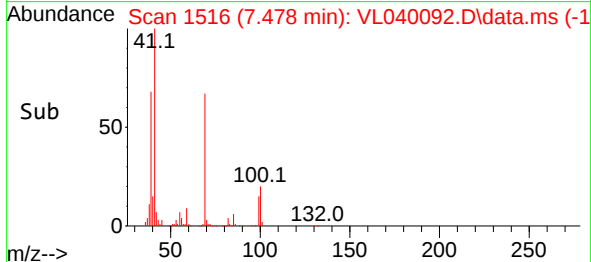
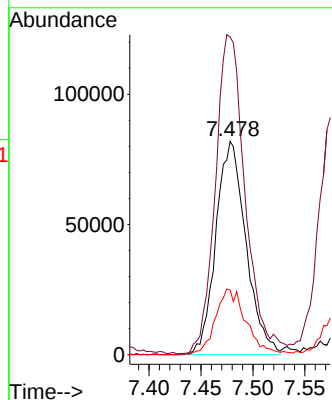
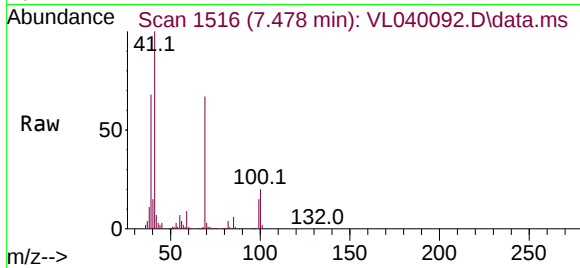




#43
Methyl Methacrylate
Concen: 2.036 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

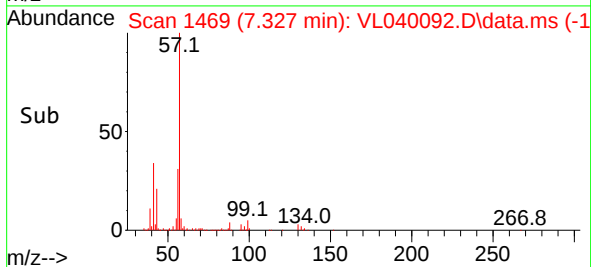
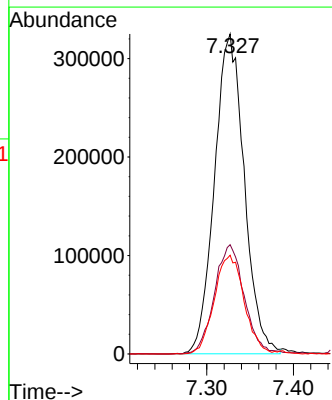
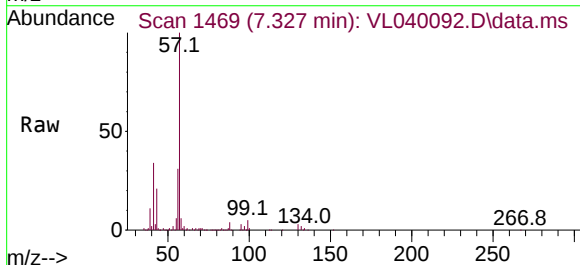
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

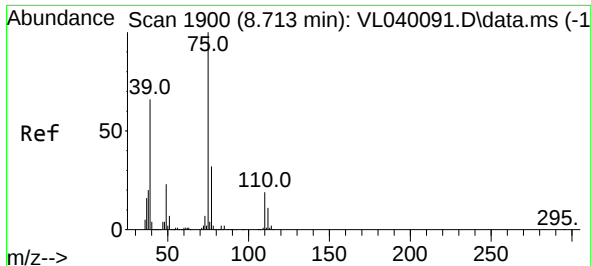
Tgt Ion: 69 Resp: 165092
Ion Ratio Lower Upper
69 100
41 149.1 118.2 177.2
100 31.4 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 2.108 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 57 Resp: 774510
Ion Ratio Lower Upper
57 100
41 34.6 27.1 40.7
56 31.5 25.0 37.4

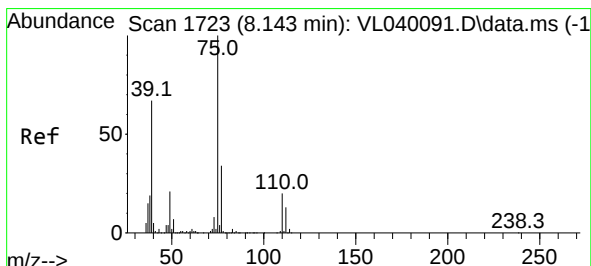
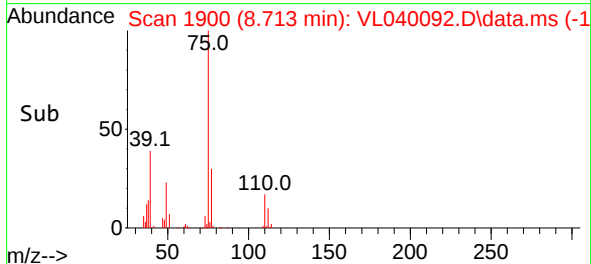
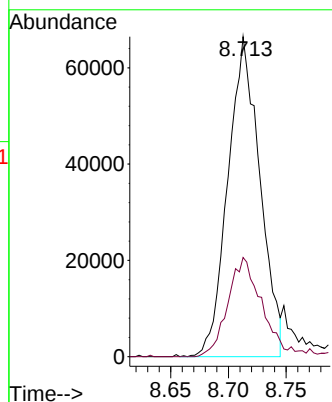
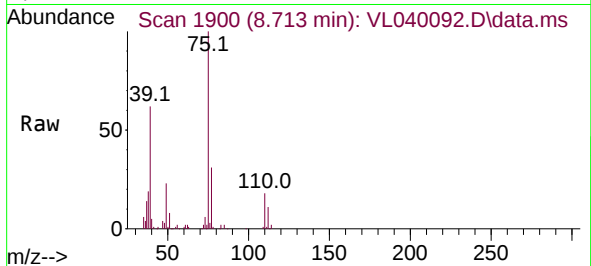




#45
 t-1,3-Dichloropropene
 Concen: 1.774 ppbv
 RT: 8.713 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

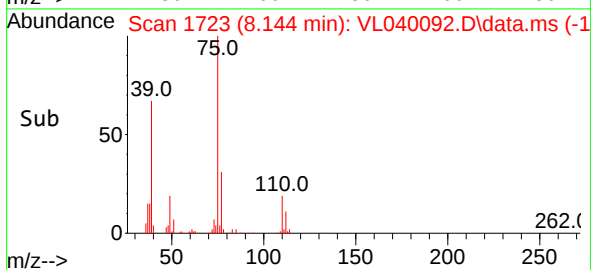
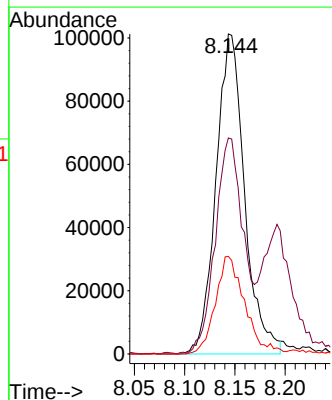
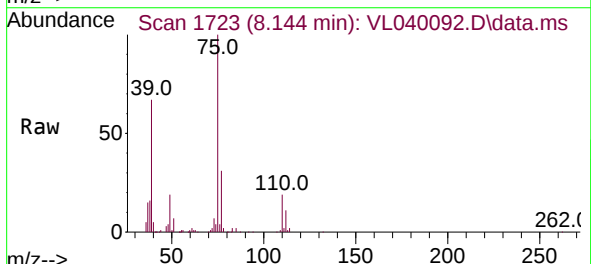
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

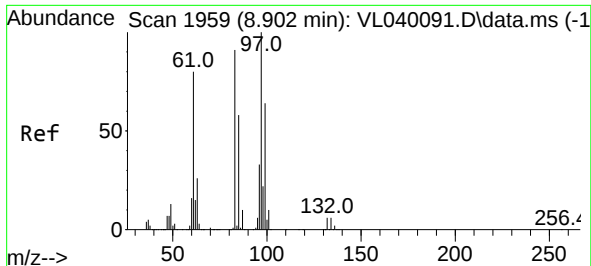
Tgt Ion: 75 Resp: 128247
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 2.024 ppbv
 RT: 8.144 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion: 75 Resp: 200011
 Ion Ratio Lower Upper
 75 100
 39 67.1 53.6 80.4
 77 30.5 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 2.053 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 186807

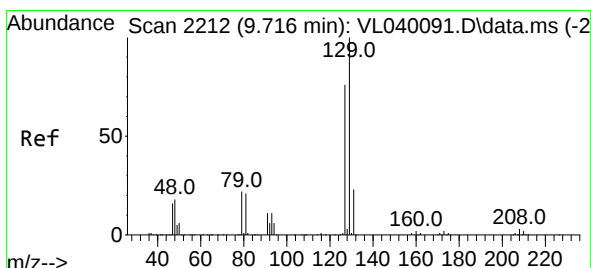
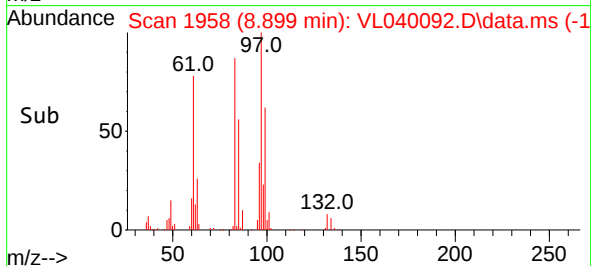
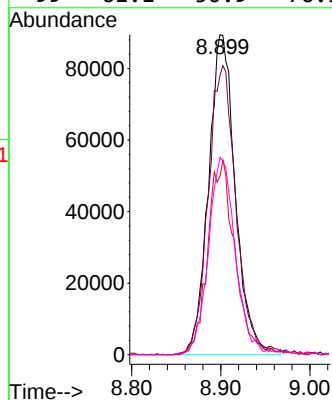
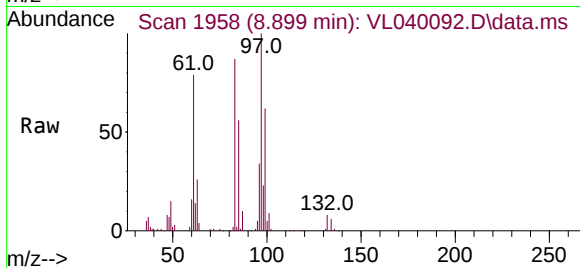
Ion Ratio Lower Upper

97 100

83 86.8 72.9 109.3

85 55.9 46.0 69.0

99 61.1 50.9 76.3



#48

Dibromochloromethane

Concen: 2.006 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VL040092.D

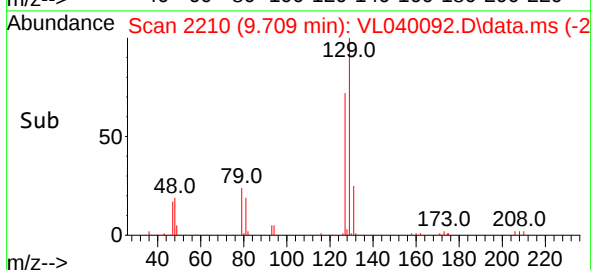
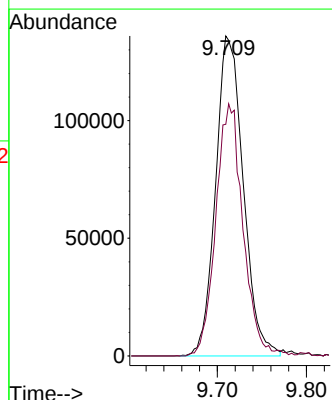
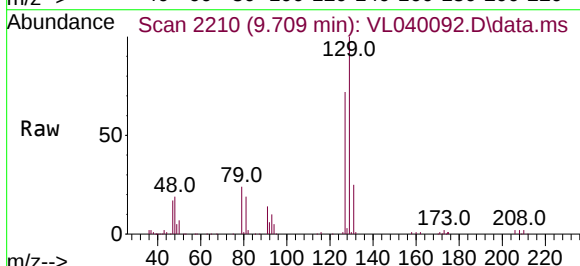
Acq: 16 Jan 2023 10:58

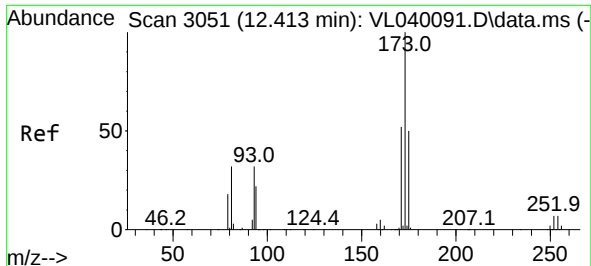
Tgt Ion: 129 Resp: 293339

Ion Ratio Lower Upper

129 100

127 77.9 39.3 117.9

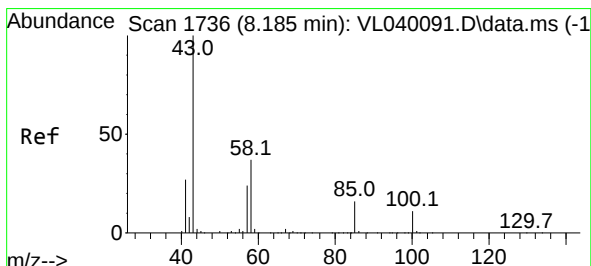
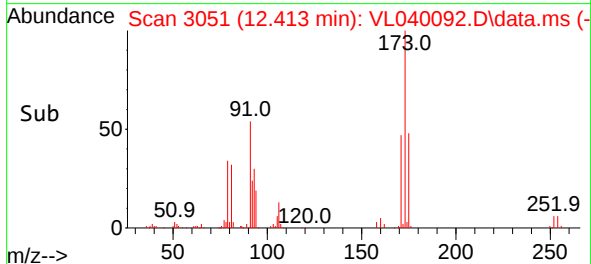
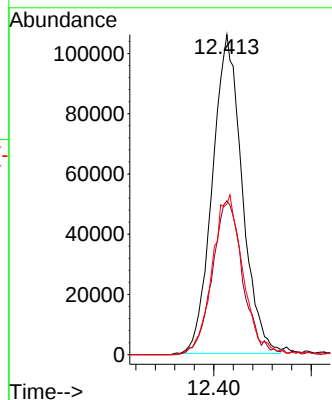
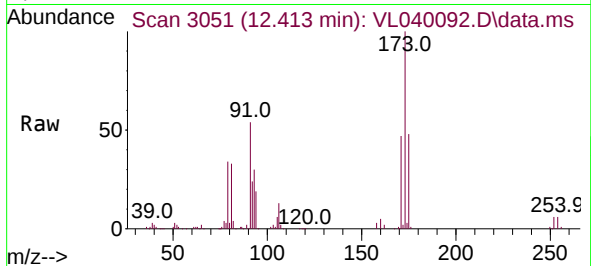




#49
Bromoform
Concen: 1.989 ppbv
RT: 12.413 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

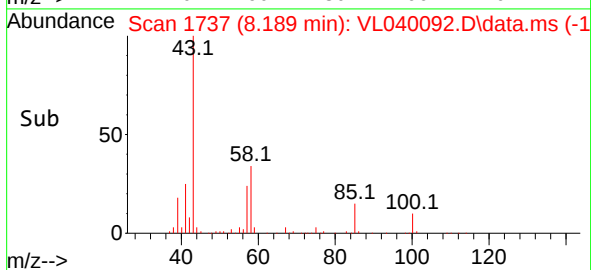
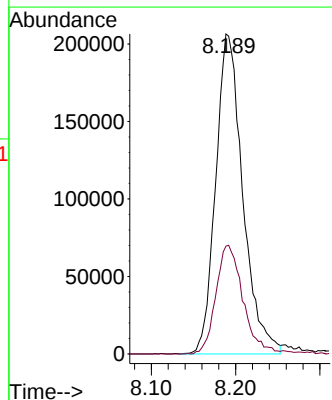
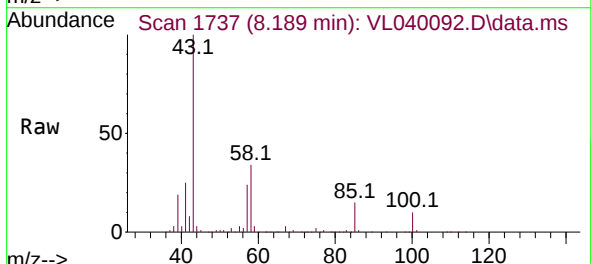
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

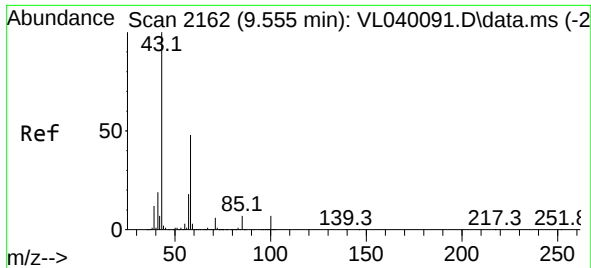
Tgt Ion:173 Resp: 224140
Ion Ratio Lower Upper
173 100
175 50.3 39.7 59.5
171 51.7 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 2.070 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 43 Resp: 459913
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2

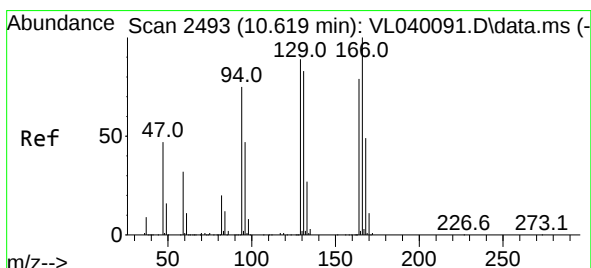
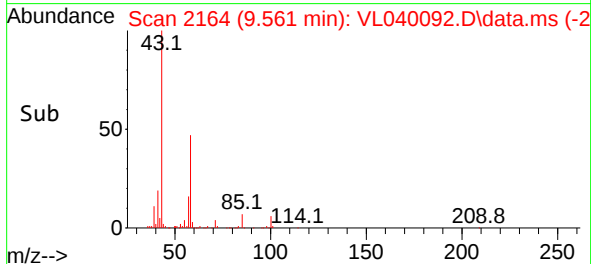
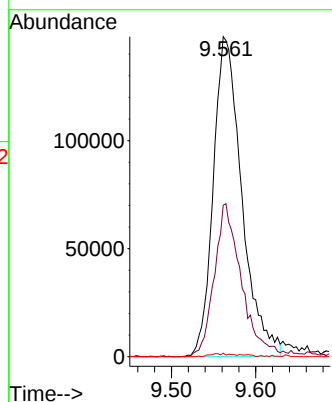
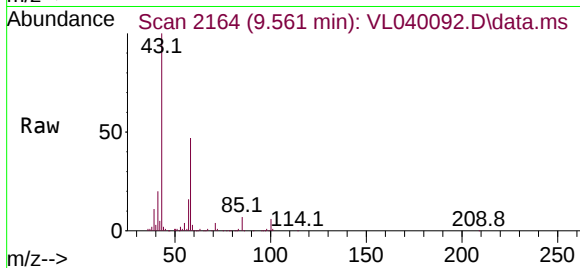




#51
2-Hexanone
Concen: 2.069 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

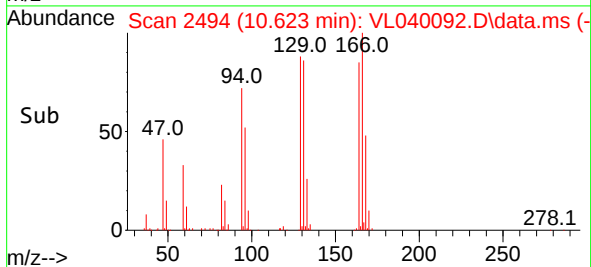
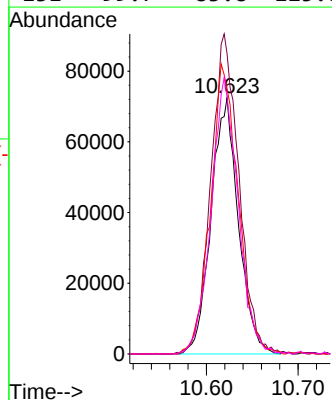
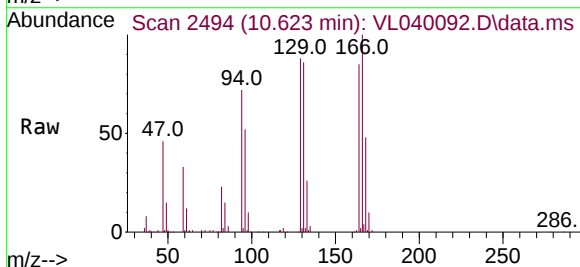
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

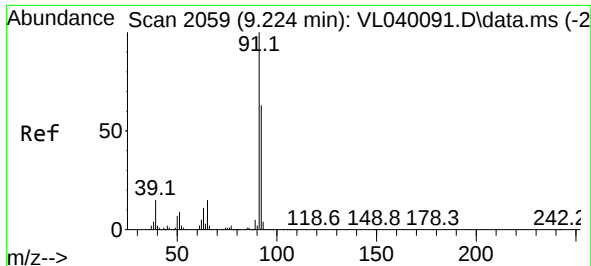
Tgt Ion: 43 Resp: 348284
Ion Ratio Lower Upper
43 100
58 47.0 37.5 56.3
98 1.2 0.4 0.6#



#52
Tetrachloroethene
Concen: 2.067 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 164 Resp: 149386
Ion Ratio Lower Upper
164 100
166 116.9 101.2 151.8
129 102.9 90.2 135.2
131 99.7 83.8 125.8

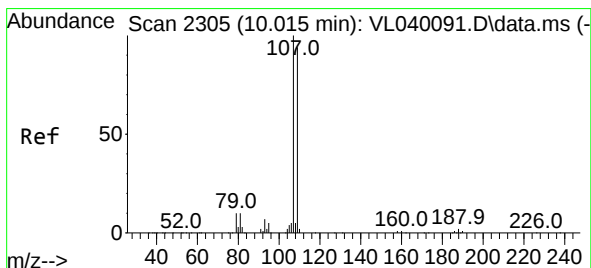
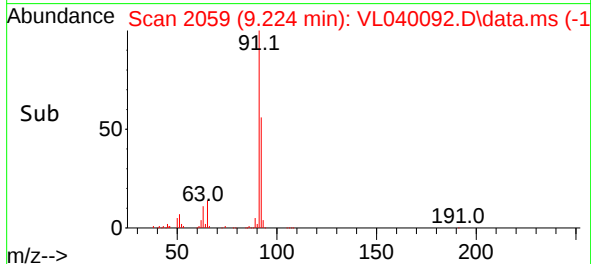
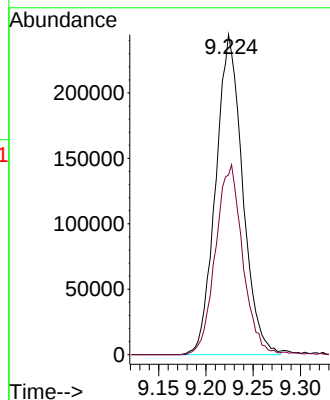
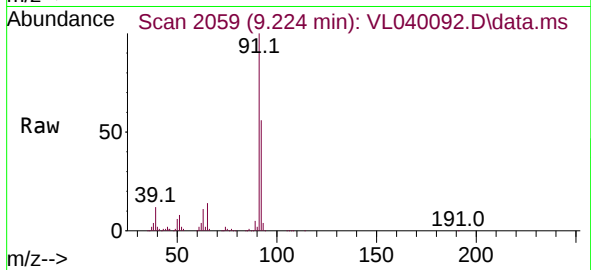




#53
Toluene
Concen: 2.054 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

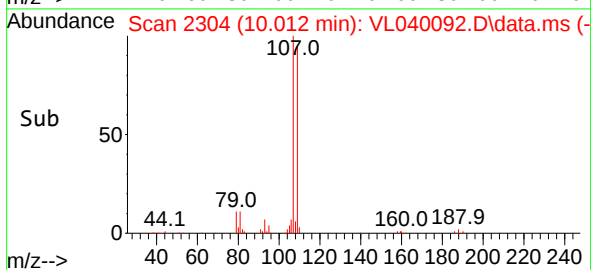
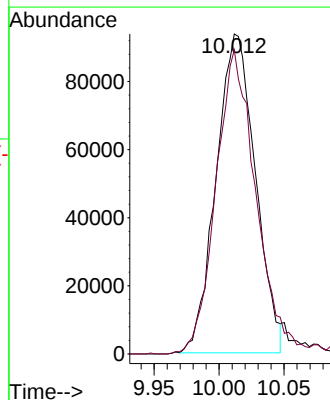
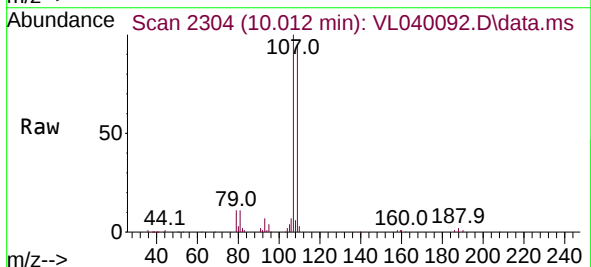
Instrument : MSVOA_L
ClientSampleId : VSTDIC002

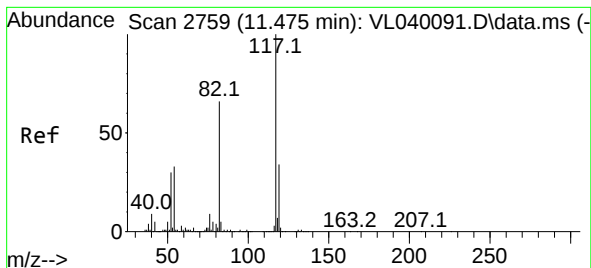
Tgt Ion: 91 Resp: 484047
Ion Ratio Lower Upper
91 100
92 60.5 48.3 72.5



#54
1,2-Dibromoethane
Concen: 2.064 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 107 Resp: 196649
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.4

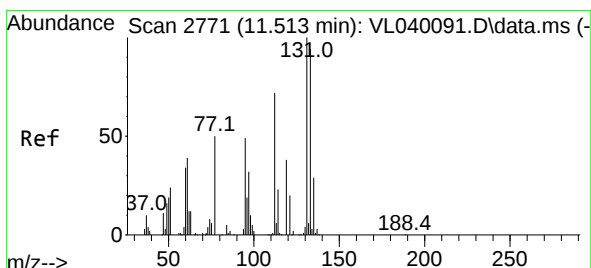
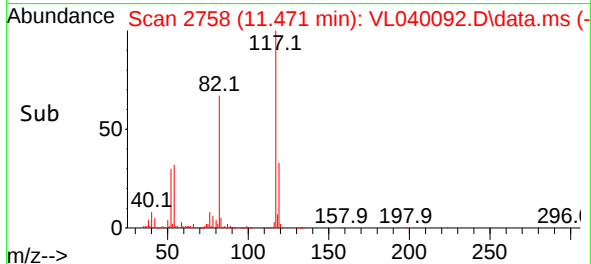
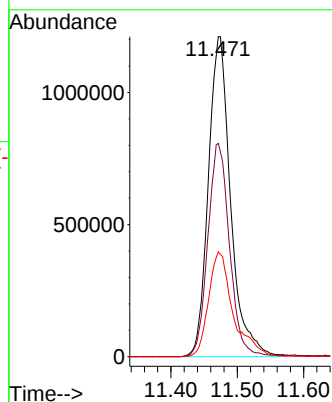
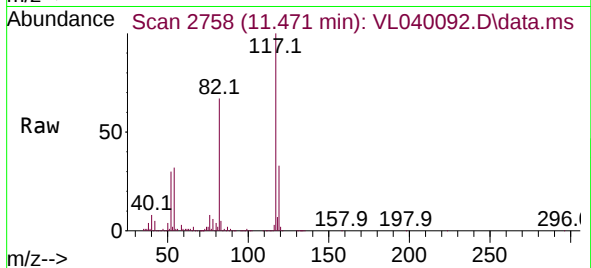




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

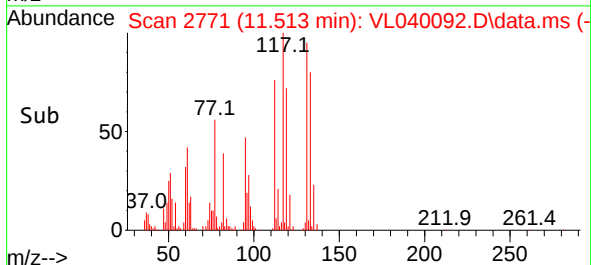
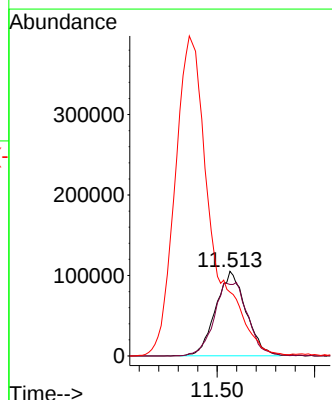
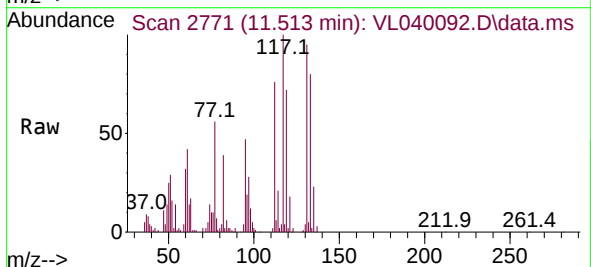
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

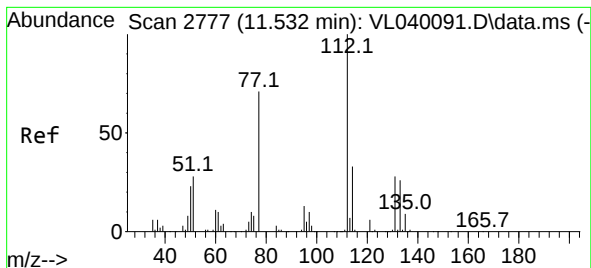
Tgt Ion:117 Resp: 2829554
Ion Ratio Lower Upper
117 100
82 65.2 54.4 81.6
119 35.9 26.8 40.2



#56
1,1,1,2-Tetrachloroethane
Concen: 2.050 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion:131 Resp: 225706
Ion Ratio Lower Upper
131 100
133 96.1 75.6 113.4
119 452.1 47.2 70.8#





#57

Chlorobenzene

Concen: 2.045 ppbv

RT: 11.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

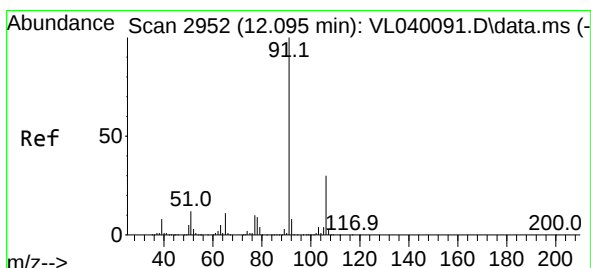
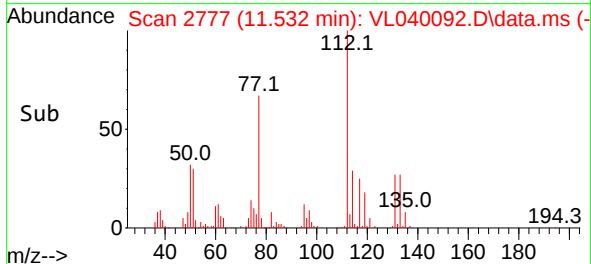
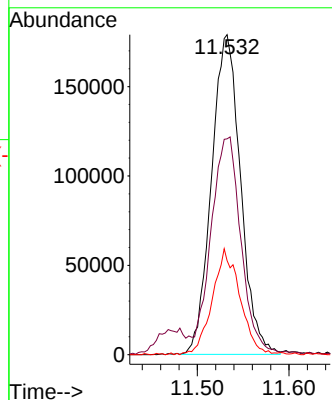
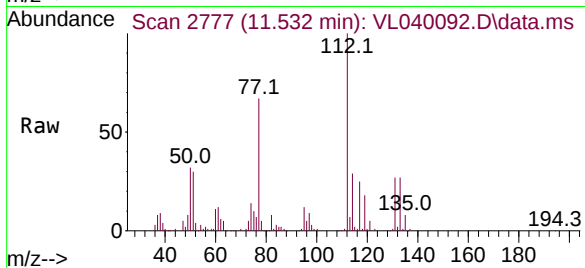
Tgt Ion:112 Resp: 394340

Ion Ratio Lower Upper

112 100

77 66.8 57.3 85.9

114 29.4 29.6 36.2#



#58

Ethyl Benzene

Concen: 2.083 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VL040092.D

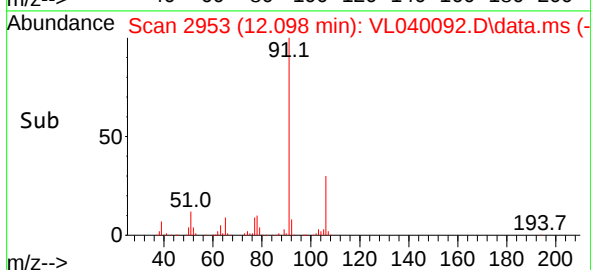
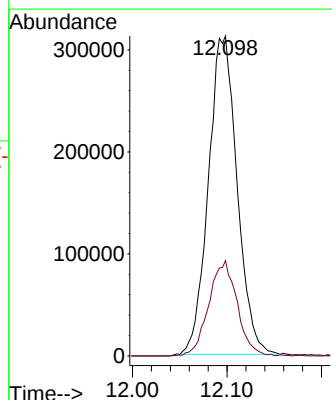
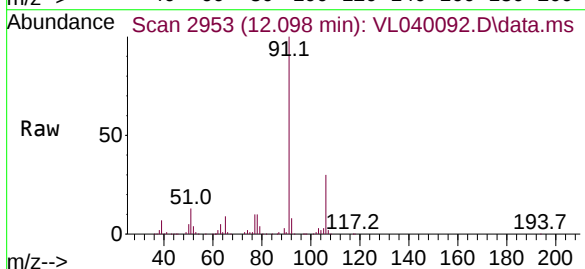
Acq: 16 Jan 2023 10:58

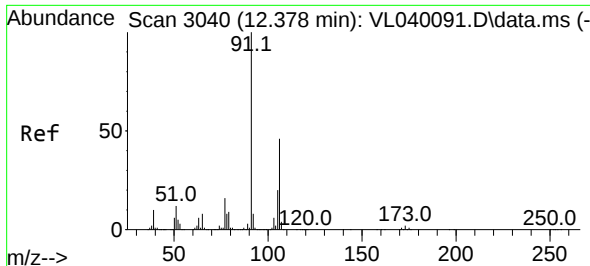
Tgt Ion: 91 Resp: 657778

Ion Ratio Lower Upper

91 100

106 29.7 23.7 35.5





#59

m/p-Xylene

Concen: 1.805 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

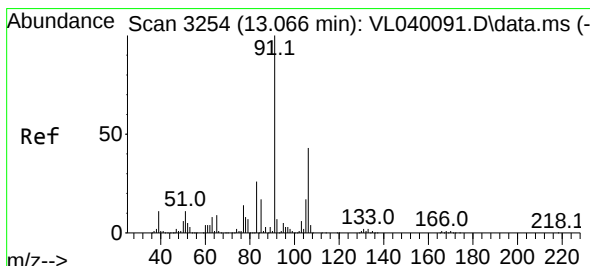
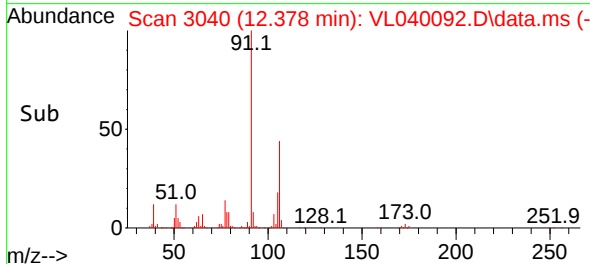
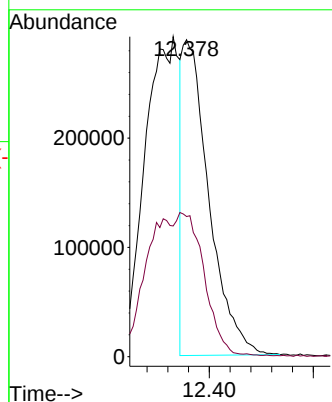
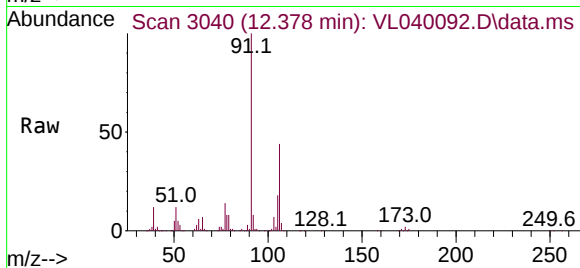
VSTDICC002

Tgt Ion: 91 Resp: 512420

Ion Ratio Lower Upper

91 100

106 97.8 34.2 51.4#



#60

o-Xylene

Concen: 2.122 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL040092.D

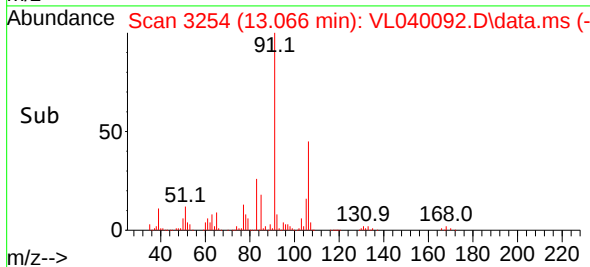
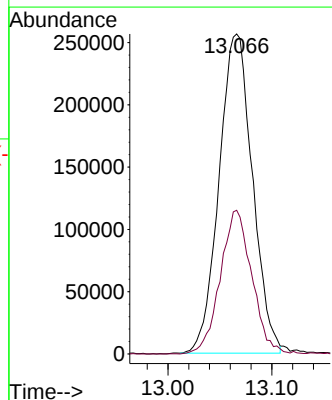
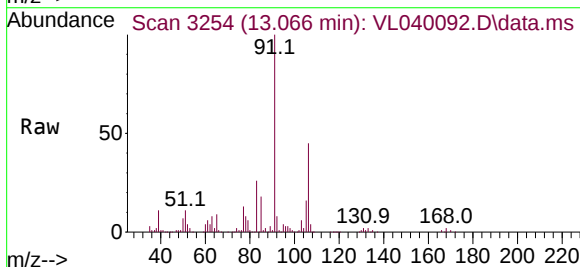
Acq: 16 Jan 2023 10:58

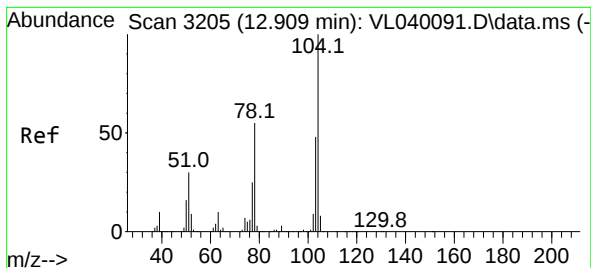
Tgt Ion: 91 Resp: 571846

Ion Ratio Lower Upper

91 100

106 42.9 21.6 64.8





#61

Styrene

Concen: 2.071 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

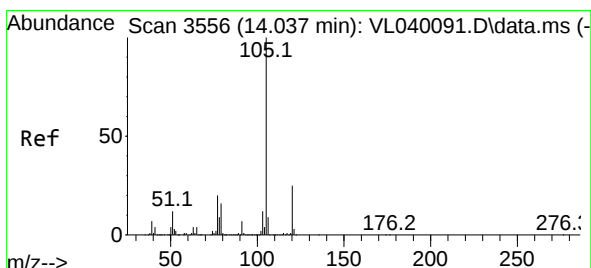
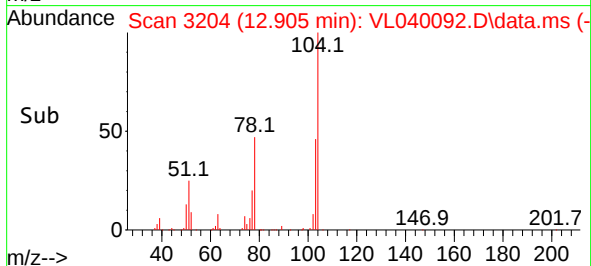
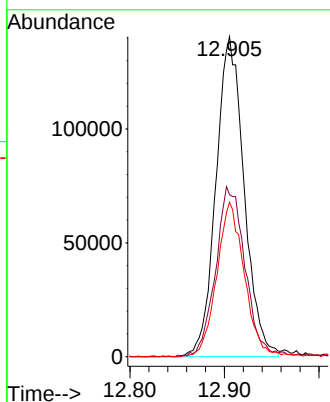
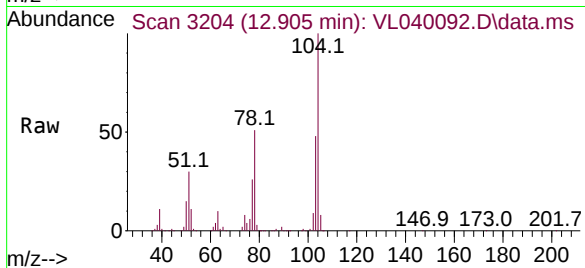
Tgt Ion:104 Resp: 290892

Ion Ratio Lower Upper

104 100

78 56.4 44.0 66.0

103 47.7 37.8 56.6



#62

Isopropylbenzene

Concen: 2.099 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL040092.D

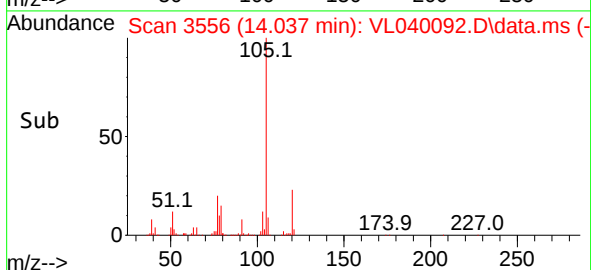
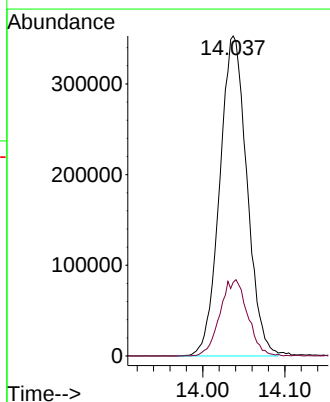
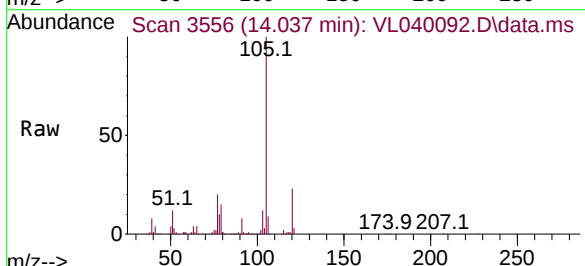
Acq: 16 Jan 2023 10:58

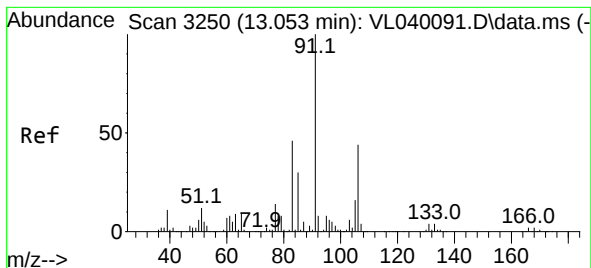
Tgt Ion:105 Resp: 813570

Ion Ratio Lower Upper

105 100

120 24.4 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 2.059 ppbv

RT: 13.057 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

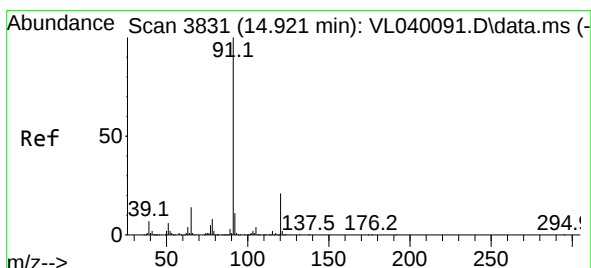
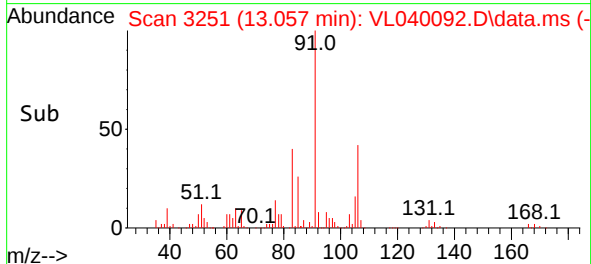
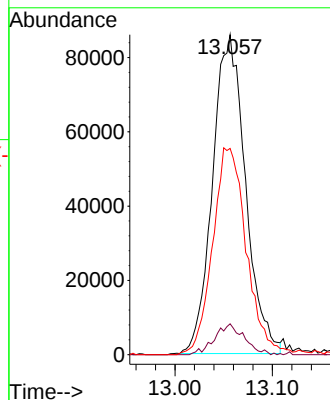
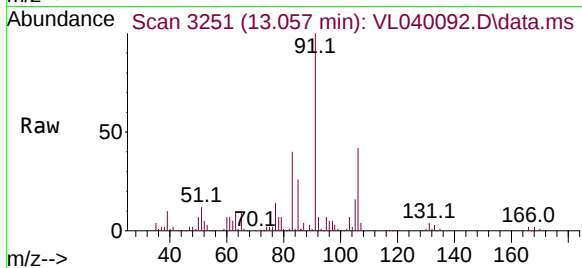
Tgt Ion: 83 Resp: 201446

Ion Ratio Lower Upper

83 100

131 8.7 4.3 13.1

85 67.5 32.5 97.5



#64

n-propylbenzene

Concen: 2.074 ppbv

RT: 14.928 min Scan# 3833

Delta R.T. 0.007 min

Lab File: VL040092.D

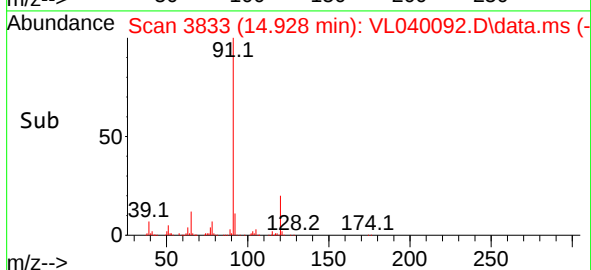
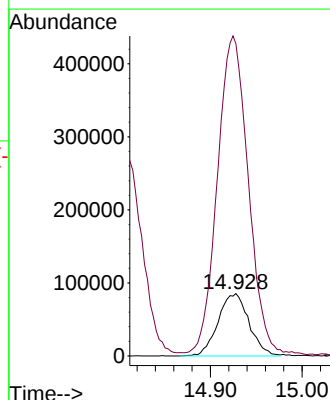
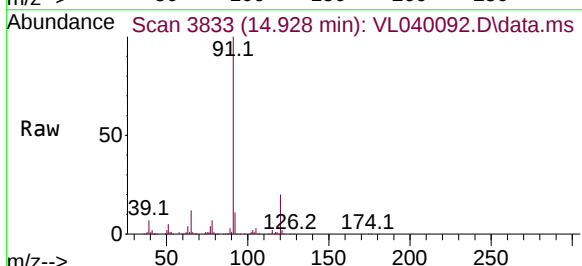
Acq: 16 Jan 2023 10:58

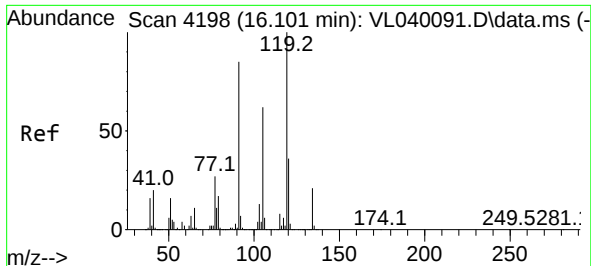
Tgt Ion:120 Resp: 199825

Ion Ratio Lower Upper

120 100

91 514.0 397.0 595.4

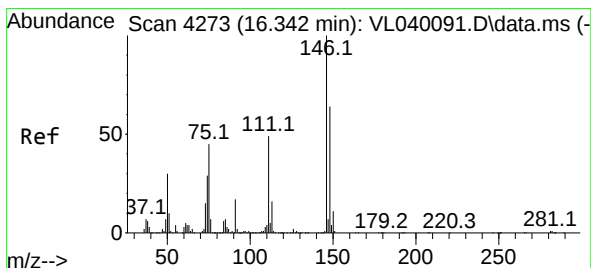
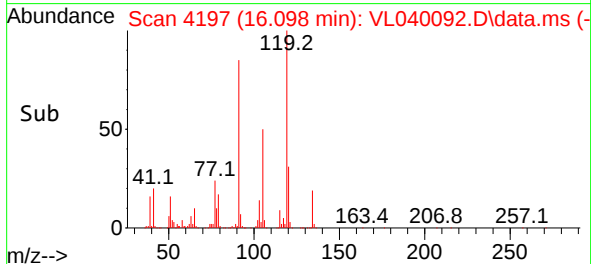
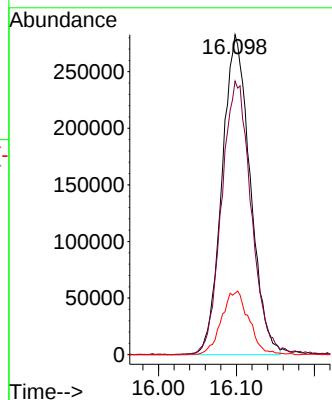
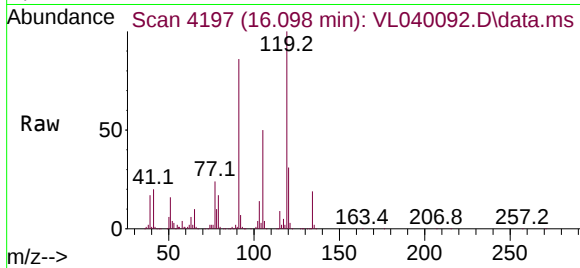




#65
tert-Butylbenzene
Concen: 2.132 ppbv
RT: 16.098 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

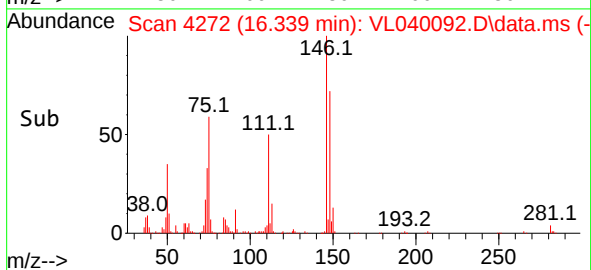
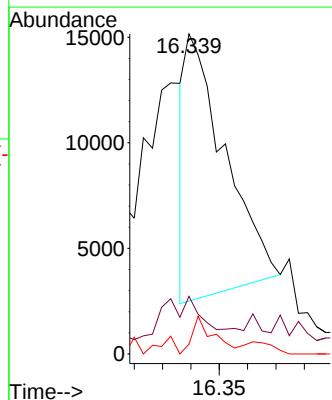
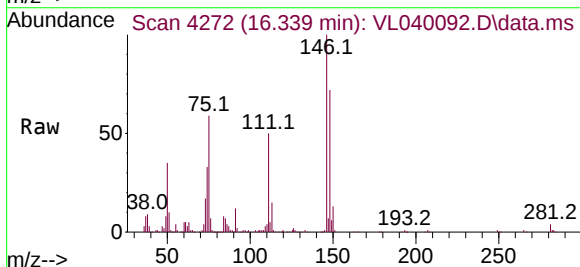
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

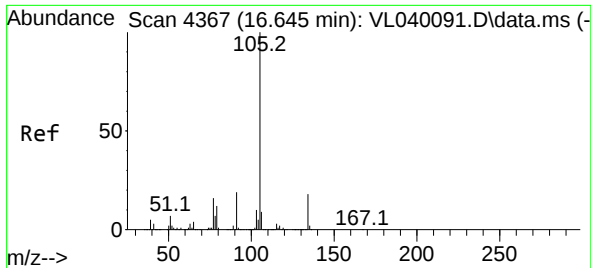
Tgt Ion:119 Resp: 707682
Ion Ratio Lower Upper
119 100
91 91.0 69.5 104.3
134 19.5 15.8 23.8



#66
Benzyl Chloride
Concen: 0.533 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 91 Resp: 12083
Ion Ratio Lower Upper
91 100
126 43.1 11.5 17.3#
128 15.7 0.0 0.0#

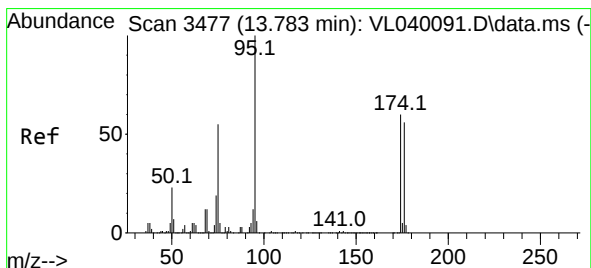
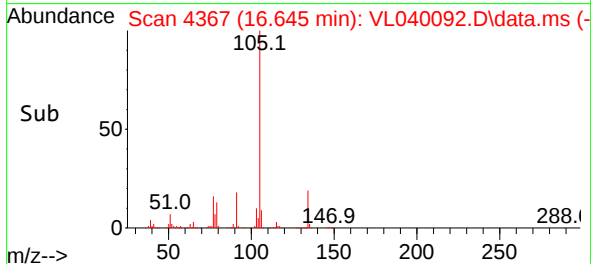
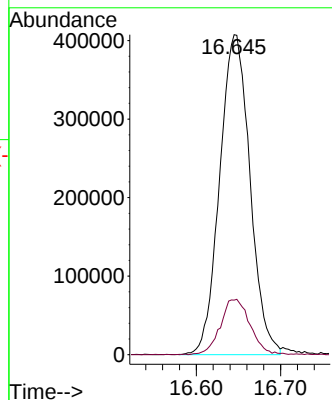
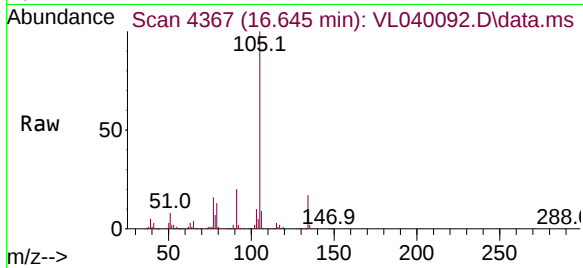




#67
 sec-Butylbenzene
 Concen: 2.162 ppbv
 RT: 16.645 min Scan# 4367
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

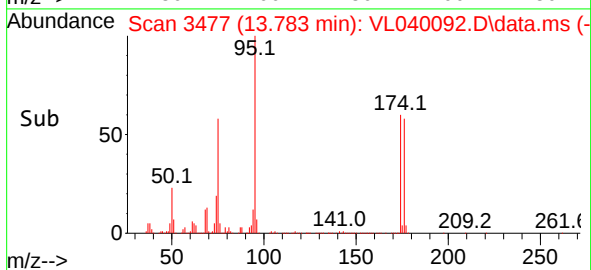
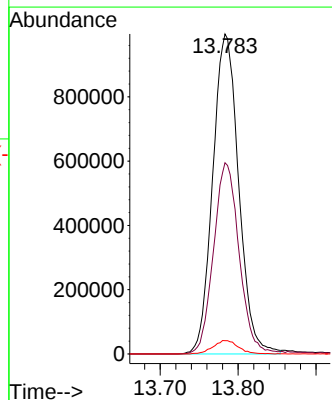
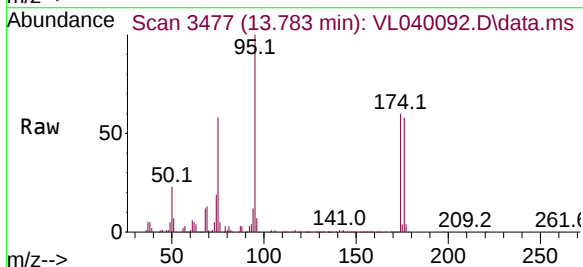
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

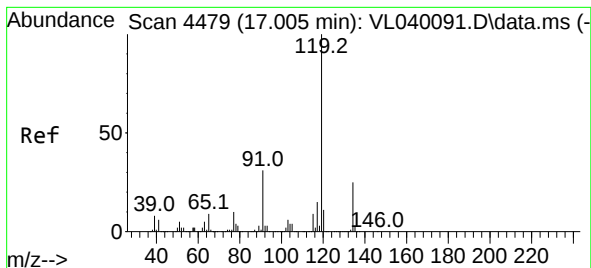
Tgt Ion:105 Resp: 1017381
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.804 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040092.D
 Acq: 16 Jan 2023 10:58

Tgt Ion: 95 Resp: 2305611
 Ion Ratio Lower Upper
 95 100
 174 59.8 47.7 71.5
 175 4.1 3.4 5.2





#69

p-Isopropyltoluene

Concen: 2.178 ppbv

RT: 17.002 min Scan# 4479

Delta R.T. -0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

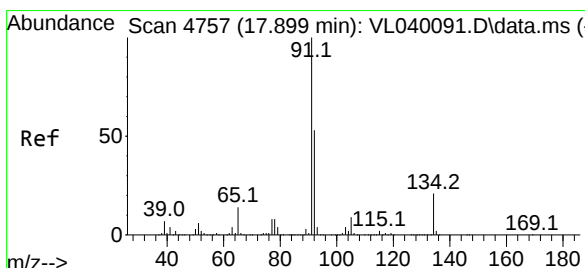
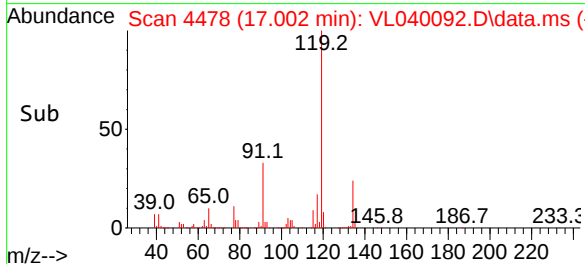
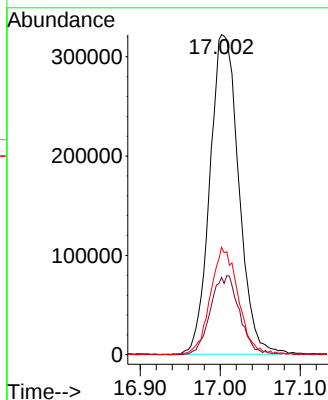
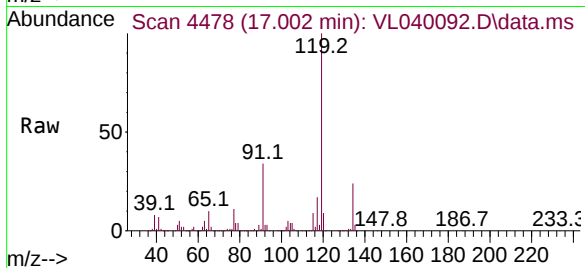
Tgt Ion:119 Resp: 805198

Ion Ratio Lower Upper

119 100

134 25.1 20.1 30.1

91 32.5 25.0 37.4



#70

n-Butylbenzene

Concen: 2.226 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

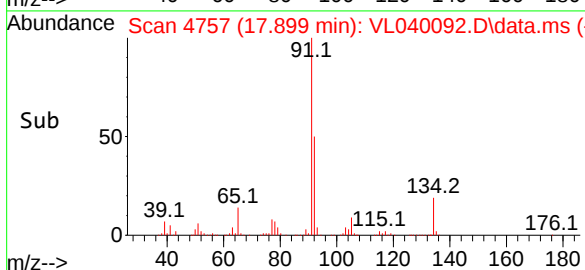
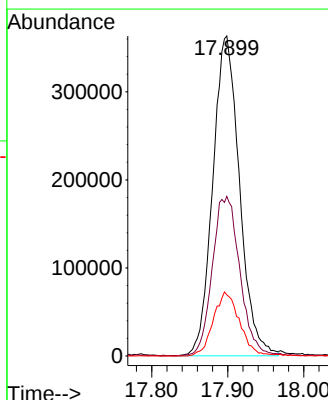
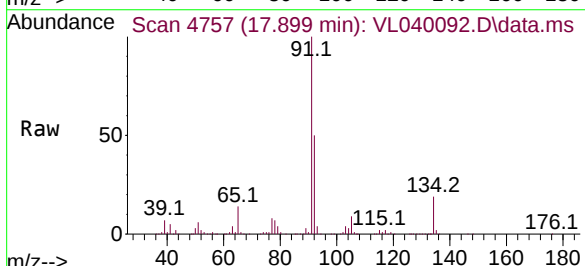
Tgt Ion: 91 Resp: 887473

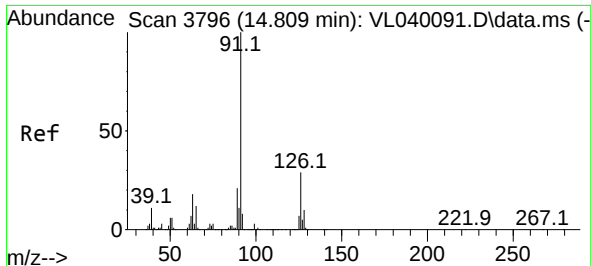
Ion Ratio Lower Upper

91 100

92 51.9 42.8 64.2

134 19.8 16.9 25.3

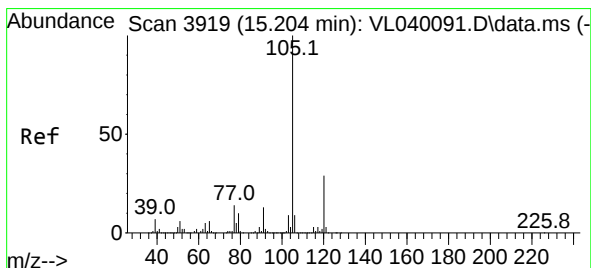
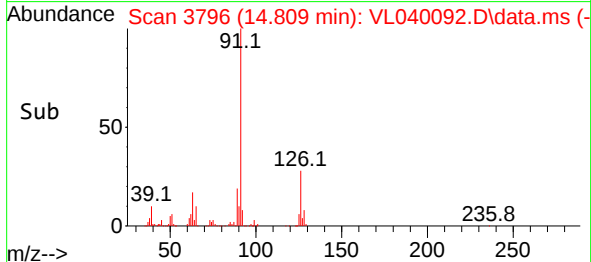
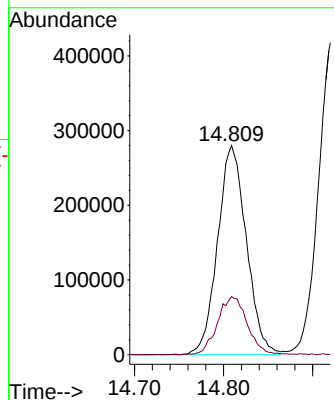
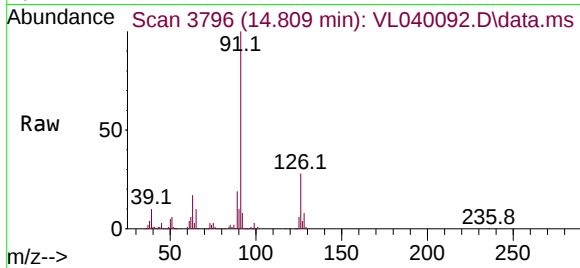




#71
2-Chlorotoluene
Concen: 2.105 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

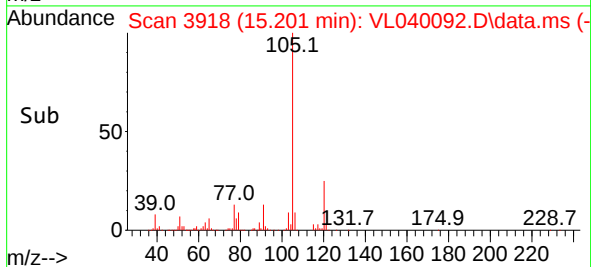
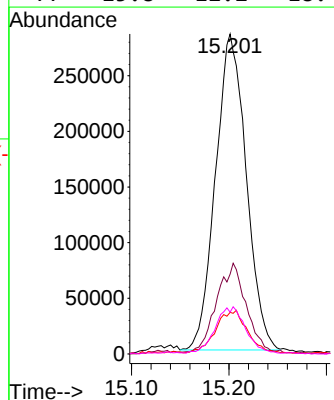
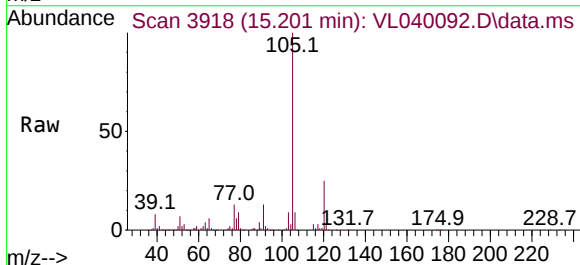
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

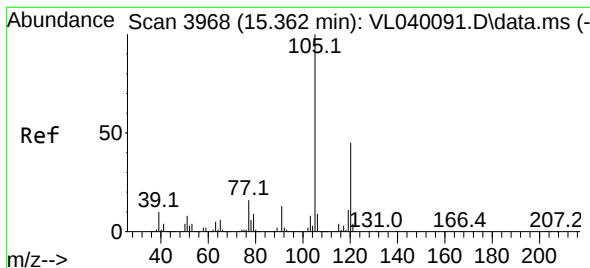
Tgt Ion: 91 Resp: 627476
Ion Ratio Lower Upper
91 100
126 28.7 11.9 47.5



#72
4-Ethyltoluene
Concen: 2.077 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion: 105 Resp: 621038
Ion Ratio Lower Upper
105 100
120 28.6 23.1 34.7
91 15.2 11.2 16.8
77 15.8 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 2.125 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.006 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_1

ClientSampleId :

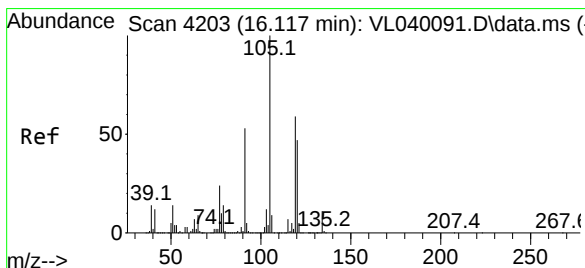
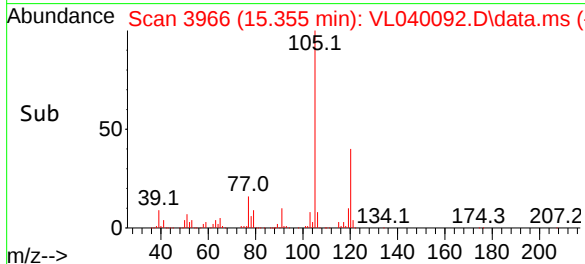
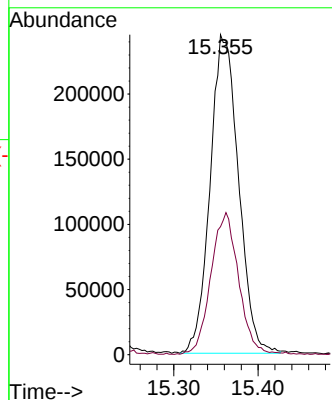
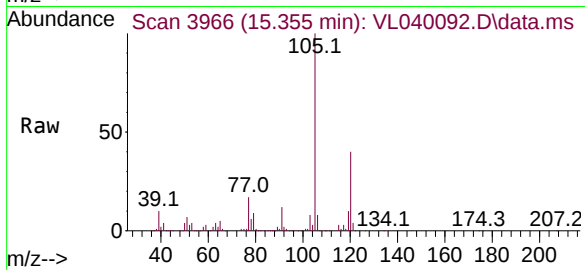
VSTDIC002

Tgt Ion:105 Resp: 572113

Ion Ratio Lower Upper

105 100

120 40.0 36.2 54.4



#74

1,2,4-Trimethylbenzene

Concen: 2.176 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Tgt Ion:105 Resp: 648867

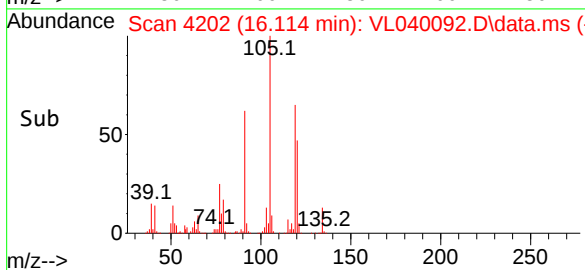
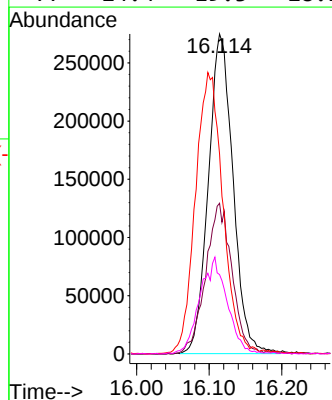
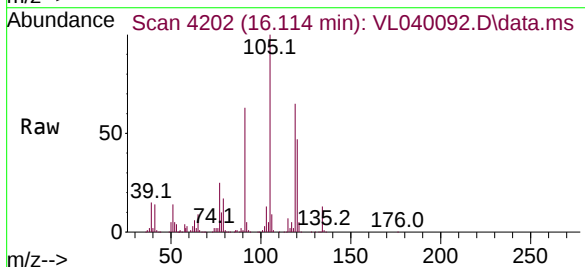
Ion Ratio Lower Upper

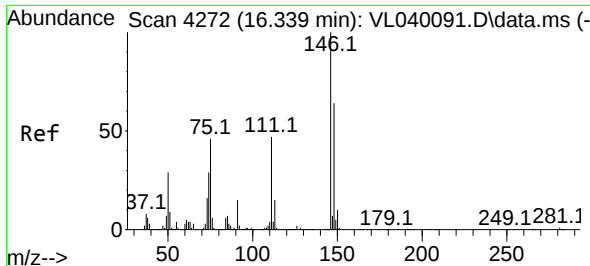
105 100

120 46.9 38.0 57.0

91 62.1 42.1 63.1

77 24.4 19.3 28.9

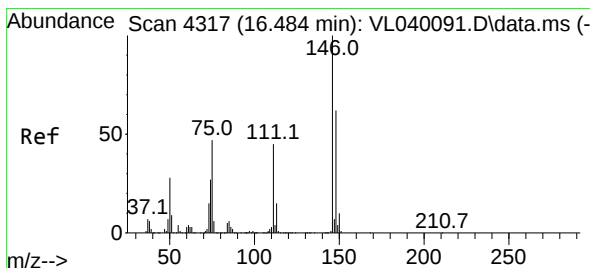
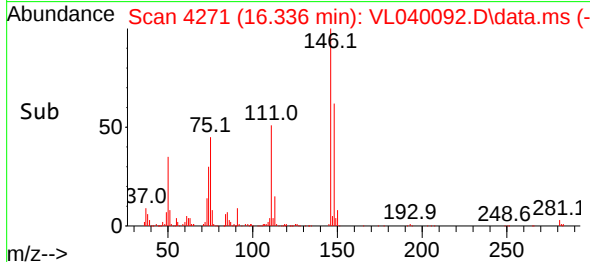
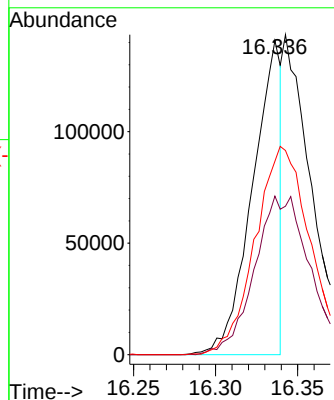
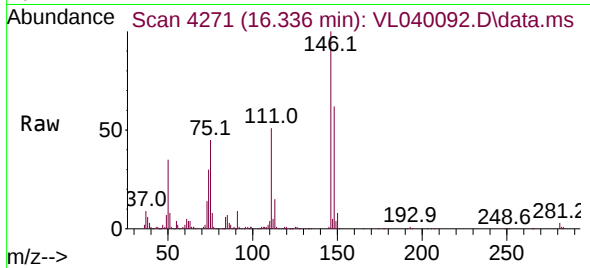




#75
1,3-Dichlorobenzene
Concen: 1.031 ppbv
RT: 16.336 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

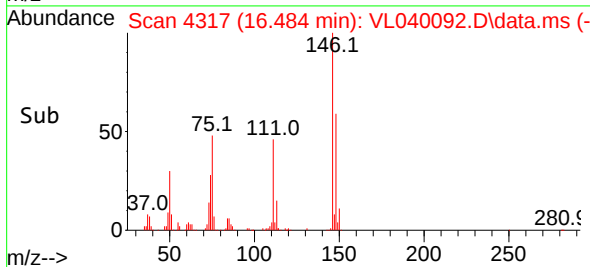
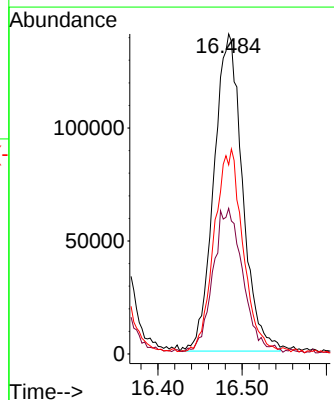
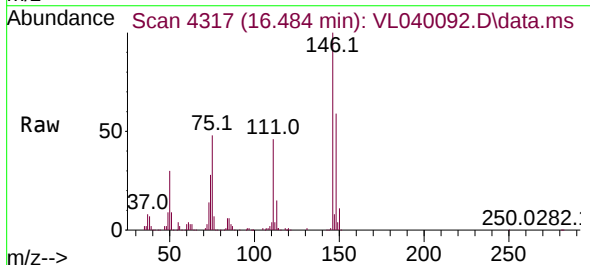
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

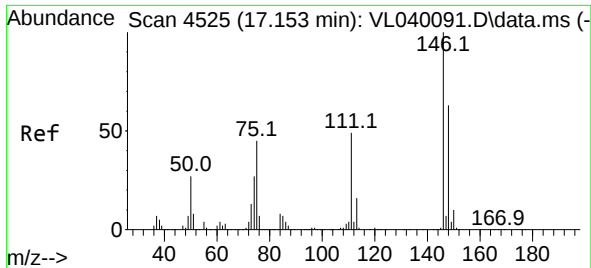
Tgt Ion:146 Resp: 170713
Ion Ratio Lower Upper
146 100
111 100.4 24.3 73.0#
148 0.0 32.3 96.8#



#76
1,4-Dichlorobenzene
Concen: 2.029 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.000 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion:146 Resp: 330496
Ion Ratio Lower Upper
146 100
111 50.0 23.8 71.2
148 65.4 32.8 98.4

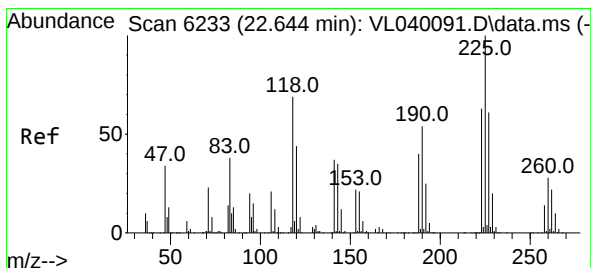
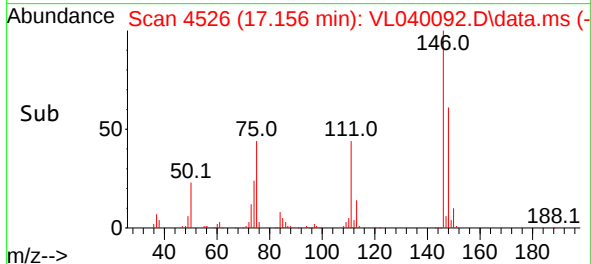
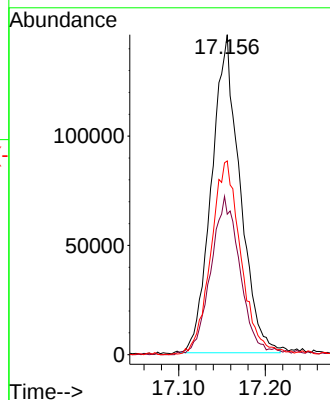
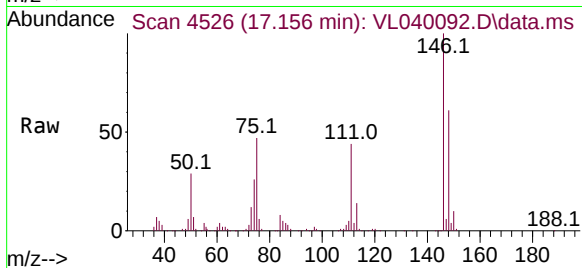




#77
1,2-Dichlorobenzene
Concen: 2.092 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

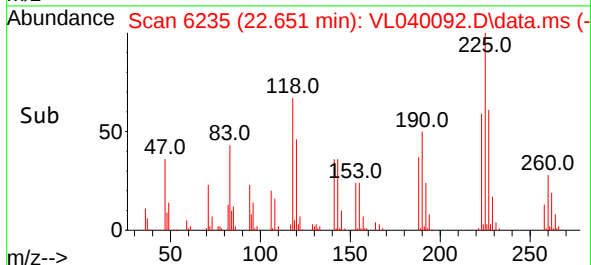
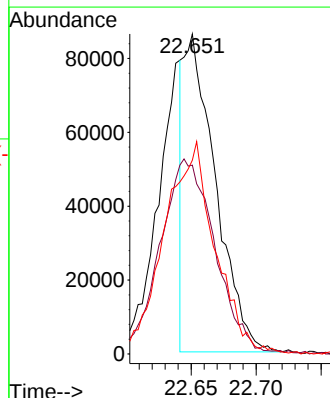
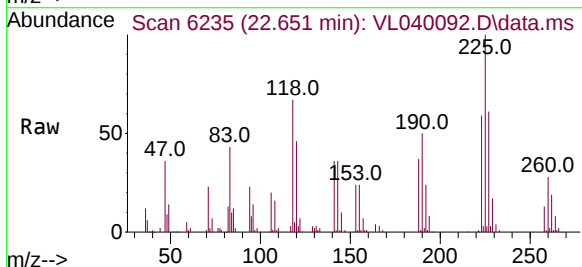
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

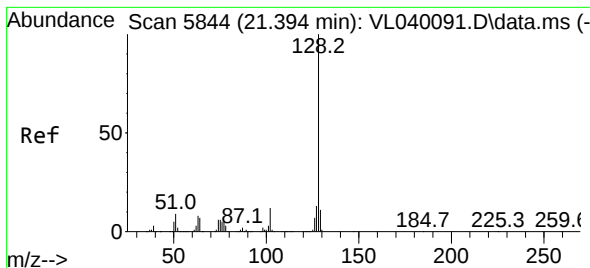
Tgt Ion:146 Resp: 331397
Ion Ratio Lower Upper
146 100
111 52.9 25.1 75.2
148 65.4 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 1.265 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.006 min
Lab File: VL040092.D
Acq: 16 Jan 2023 10:58

Tgt Ion:225 Resp: 146726
Ion Ratio Lower Upper
225 100
223 106.7 51.5 77.3#
227 106.8 50.6 76.0#





#79

Naphthalene

Concen: 2.477 ppbv

RT: 21.407 min Scan# 5848

Delta R.T. 0.013 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

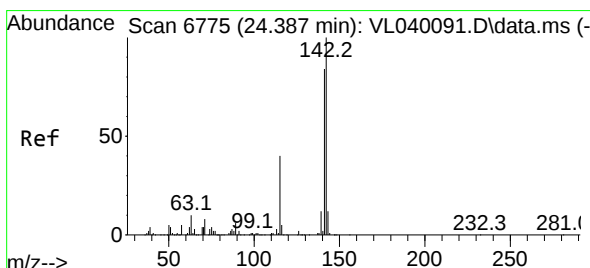
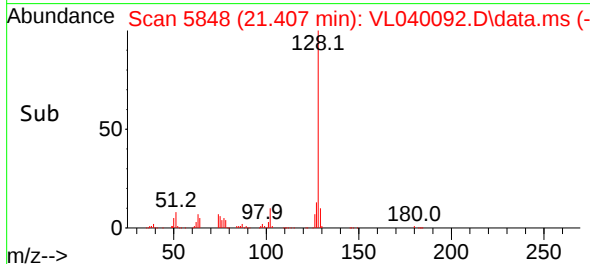
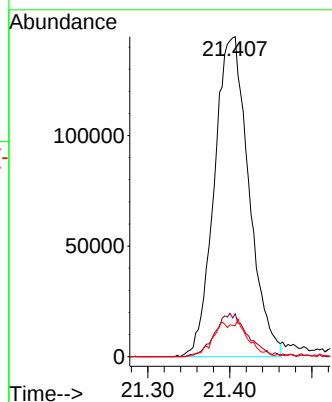
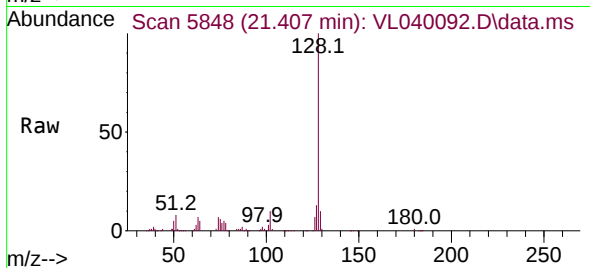
Tgt Ion:128 Resp: 423311

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 9.7 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 2.362 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.000 min

Lab File: VL040092.D

Acq: 16 Jan 2023 10:58

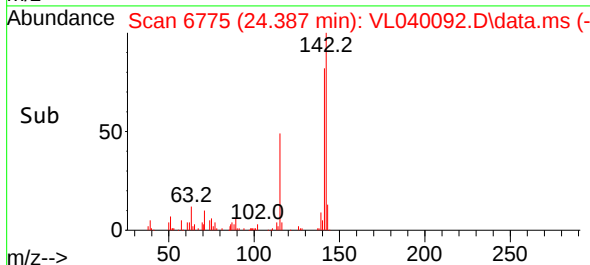
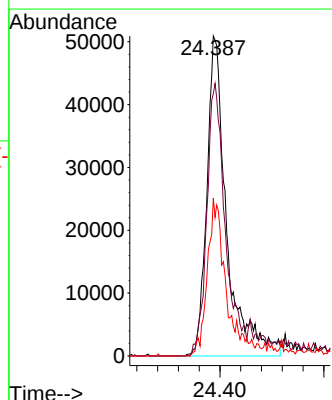
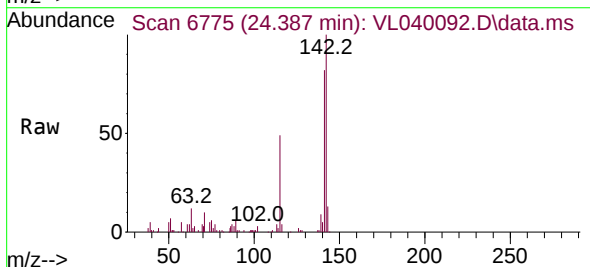
Tgt Ion:142 Resp: 135990

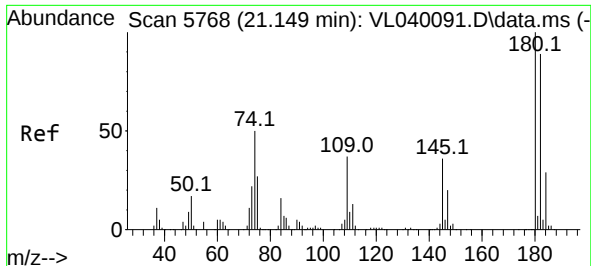
Ion Ratio Lower Upper

142 100

141 88.4 65.0 97.6

115 46.4 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 1.976 ppbv

RT: 21.153 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL040092.D

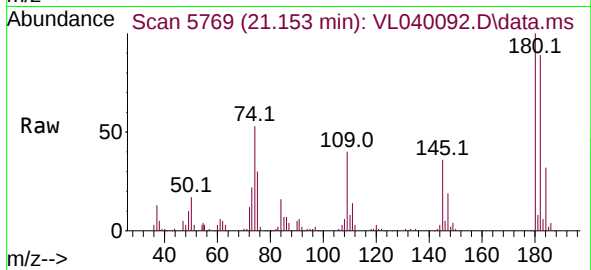
Acq: 16 Jan 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



Tgt Ion:180 Resp: 208108

Ion Ratio Lower Upper

180 100

182 108.5 78.6 117.8

184 34.5 25.1 37.7

