

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040158.D
 Acq On : 13 Feb 2023 12:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Feb 14 01:41:25 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 : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	943130	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2353256	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2362306	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1754387	8.936	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1464558	8.856	ppbv	99
3) Chlorodifluoromethane	2.674	51	1083354	9.577	ppbv	98
4) Chloromethane	2.812	50	672503	9.619	ppbv	100
5) Vinyl Chloride	2.922	62	586161	9.889	ppbv	98
6) Bromomethane	3.121	94	197637	9.138	ppbv	98
7) Chloroethane	3.198	64	214396	9.463	ppbv	97
8) Dichlorotetrafluoroethane	2.857	85	1472181	9.537	ppbv	100
9) Propene	2.693	41	444648	9.461	ppbv	98
10) Heptane	7.603	43	1116671	10.309	ppbv	99
11) Trichlorofluoromethane	3.568	101	1550507	9.395	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	1150135	9.270	ppbv	99
13) Ethanol	3.243	45	10469	2.420	ppbv #	1
14) Bromoethene	3.369	108	458578	9.957	ppbv	99
15) Acetone	3.472	43	1043962	9.230	ppbv	98
16) 1,3-Butadiene	2.986	39	529056	10.032	ppbv	99
17) tert-Butyl alcohol	3.883	59	1056508	10.031	ppbv	100
18) 1,1-Dichloroethene	3.886	96	508959	9.442	ppbv	94
19) Isopropyl Alcohol	3.578	45	479325	8.661	ppbv	99
20) Methylene Chloride	3.941	84	418425	8.385	ppbv	98
21) Allyl Chloride	4.005	41	722301	9.945	ppbv	99
22) trans-1,2-Dichloroethene	4.455	96	545371	9.901	ppbv	99
23) Vinyl Acetate	4.635	43	314154	8.568	ppbv	99
24) 1,1-Dichloroethane	4.574	63	1058502	9.533	ppbv	99
25) Ethyl Acetate	5.217	43	2071032	10.393	ppbv	99
26) Hexane	5.227	57	871487	9.993	ppbv	99
27) Carbon Disulfide	4.134	76	1245998	11.029	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	973935	9.927	ppbv	100
29) Chloroform	5.288	83	1496650	10.734	ppbv	100
30) Cyclohexane	6.619	84	719440	10.378	ppbv	99
31) cis-1,2-Dichloroethene	5.092	61	804487	9.529	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1508816	10.647	ppbv	100
34) 2-Butanone	4.796	43	1157216	10.396	ppbv	99
35) Carbon Tetrachloride	6.513	117	1548414	11.637	ppbv	98
36) Benzene	6.391	78	1850779	10.628	ppbv	98
37) 1,2-Dichloroethane	5.822	62	1166109	10.418	ppbv	100
38) Trichloroethene	7.314	130	1106475	11.195	ppbv	97
39) 1,2-Dichloropropane	7.095	63	712847	10.465	ppbv	96
40) 1,4-Dioxane	7.311	88	255508	9.452	ppbv #	1
41) Tetrahydrofuran	5.574	42	719040	11.192	ppbv	99
42) Bromodichloromethane	7.272	83	1636847	10.829	ppbv	99
43) Methyl Methacrylate	7.497	69	726162	11.363	ppbv	99
44) 2,2,4-Trimethylpentane	7.349	57	3079891	10.635	ppbv	99
45) t-1,3-Dichloropropene	8.735	75	712382	12.501	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

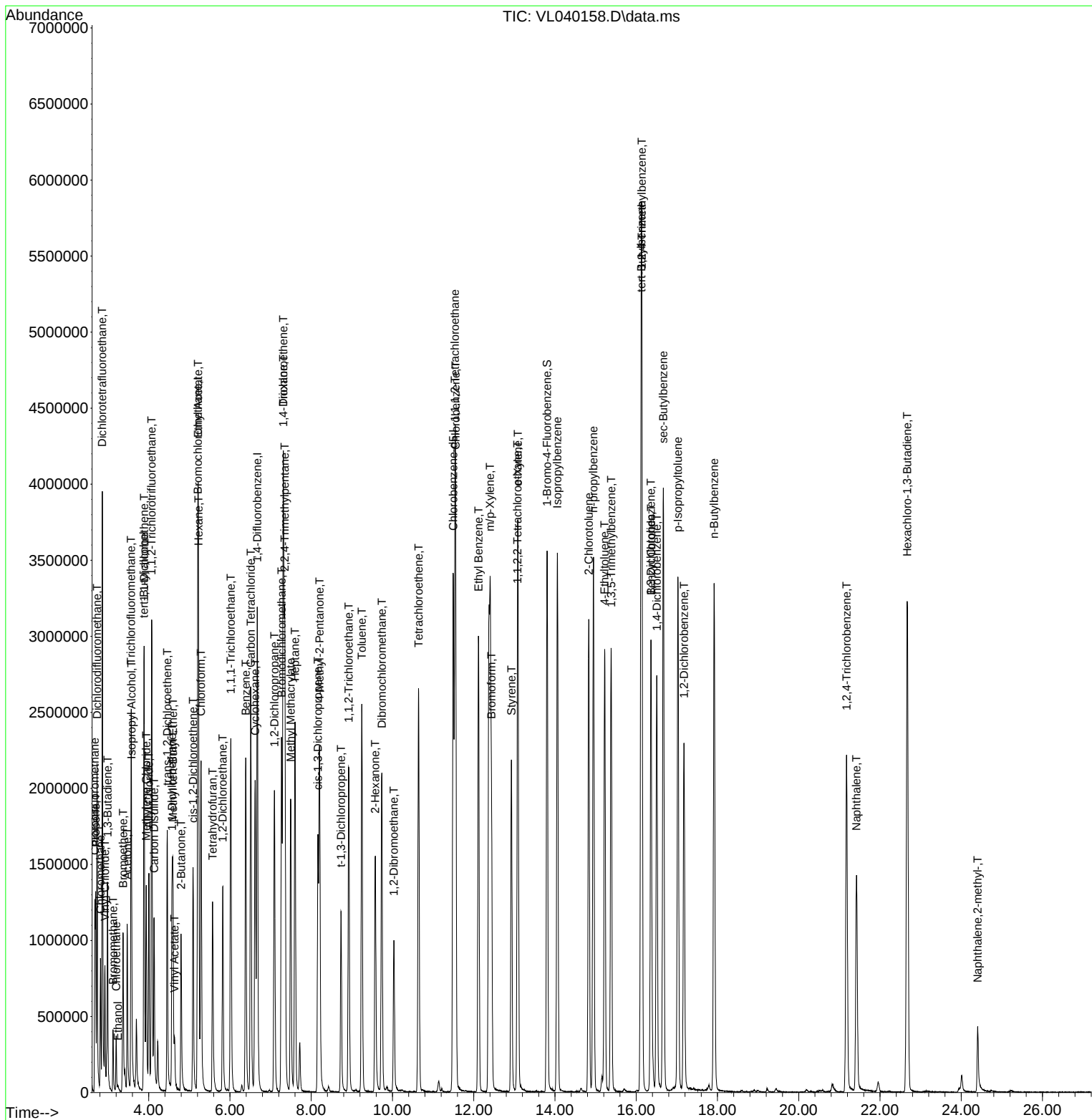
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

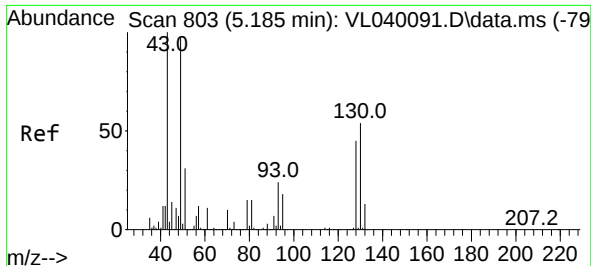
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	953986	12.251	ppbv	95
47) 1,1,2-Trichloroethane	8.921	97	746765	10.413	ppbv	97
48) Dibromochloromethane	9.738	129	1278314	11.090	ppbv	99
49) Bromoform	12.436	173	977548	11.009	ppbv	99
50) 4-Methyl-2-Pentanone	8.204	43	1890027	10.795	ppbv	99
51) 2-Hexanone	9.574	43	1436953	10.833	ppbv	98
52) Tetrachloroethene	10.645	164	616660	10.824	ppbv	98
53) Toluene	9.246	91	2079600	11.196	ppbv	100
54) 1,2-Dibromoethane	10.034	107	826185	11.004	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.539	131	912459	9.924	ppbv	99
57) Chlorobenzene	11.555	112	1563581	9.710	ppbv	99
58) Ethyl Benzene	12.118	91	2770105	10.508	ppbv	98
59) m/p-Xylene	12.404	91	2340636	9.875	ppbv #	30
60) o-Xylene	13.089	91	2267733	10.079	ppbv	99
61) Styrene	12.928	104	1285400	10.964	ppbv	100
62) Isopropylbenzene	14.060	105	3186160	9.846	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.076	83	746069	9.133	ppbv	100
64) n-propylbenzene	14.947	120	801604	9.965	ppbv	99
65) tert-Butylbenzene	16.124	119	2838979	10.247	ppbv	98
66) Benzyl Chloride	16.365	91	80529	4.253	ppbv #	41
67) sec-Butylbenzene	16.667	105	3991942	10.163	ppbv	100
69) p-Isopropyltoluene	17.027	119	2800588	9.073	ppbv	97
70) n-Butylbenzene	17.918	91	2955643	8.880	ppbv	99
71) 2-Chlorotoluene	14.831	91	2461480	9.890	ppbv	100
72) 4-Ethyltoluene	15.223	105	2559468	10.252	ppbv	100
73) 1,3,5-Trimethylbenzene	15.384	105	2302780	10.244	ppbv	100
74) 1,2,4-Trimethylbenzene	16.140	105	2534153	10.177	ppbv	99
75) 1,3-Dichlorobenzene	16.362	146	1400832	10.129	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	1371003	10.082	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	1218679	9.215	ppbv	98
78) Hexachloro-1,3-Butadiene	22.670	225	889714	9.184	ppbv	98
79) Naphthalene	21.423	128	1757525	12.321	ppbv	100
80) Naphthalene,2-methyl-	24.403	142	290625	6.046	ppbv	95
81) 1,2,4-Trichlorobenzene	21.178	180	918463	10.446	ppbv	99

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

Quant Time: Feb 14 01:41:25 2023
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Response via : Initial Calibration

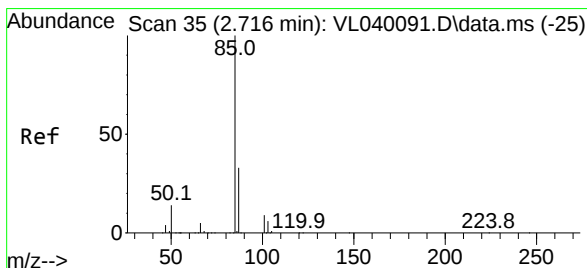
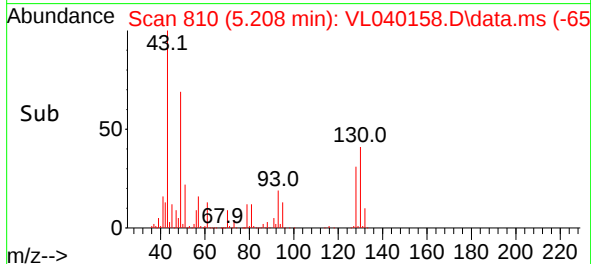
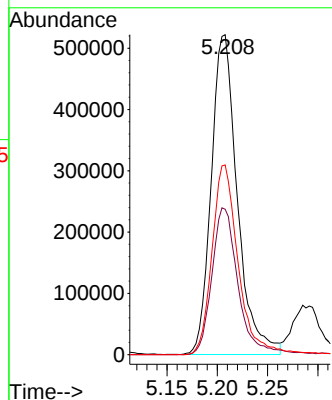
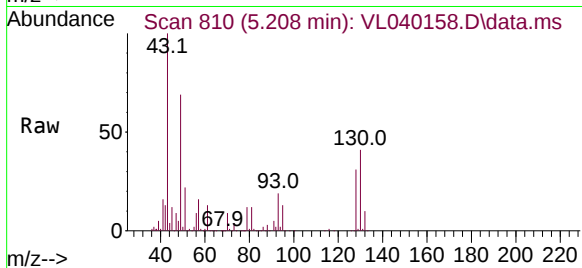




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

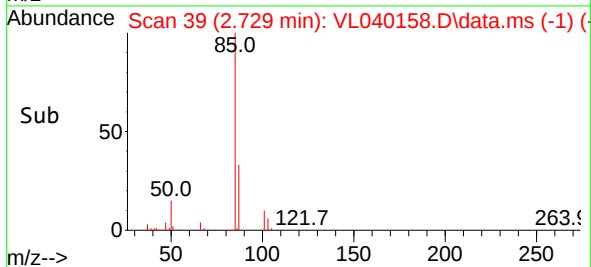
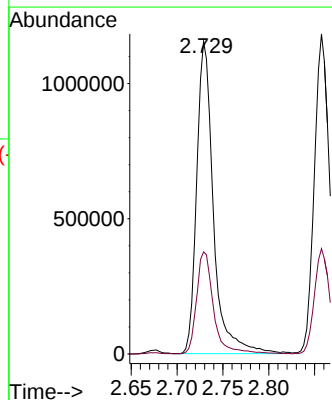
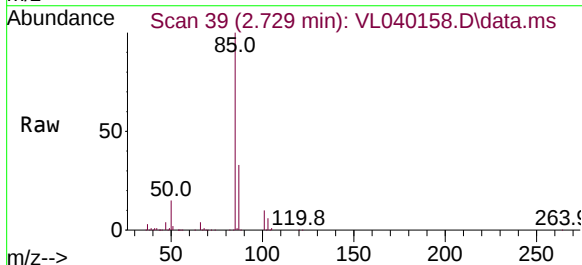
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

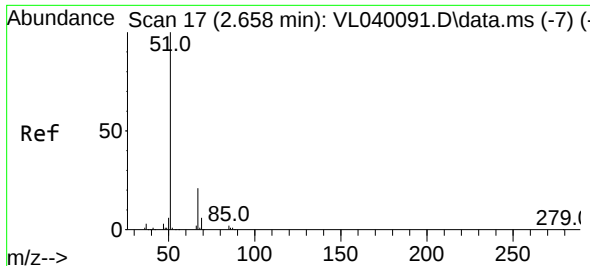
Tgt Ion: 49 Resp: 943130
Ion Ratio Lower Upper
49 100
128 46.5 23.6 71.0
130 60.1 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 8.856 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 85 Resp: 1464558
Ion Ratio Lower Upper
85 100
87 32.6 26.5 39.7

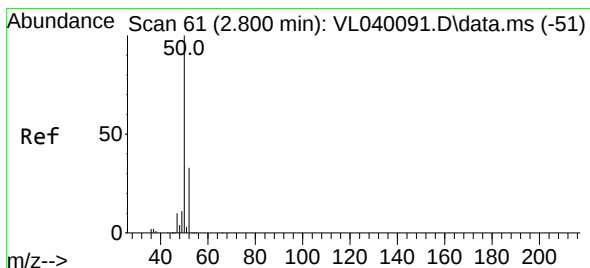
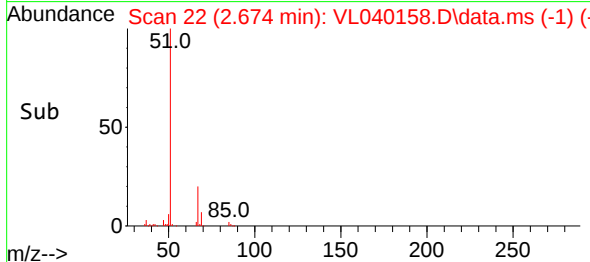
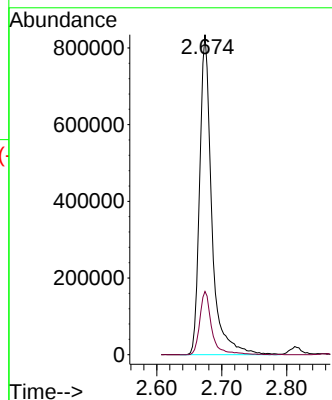
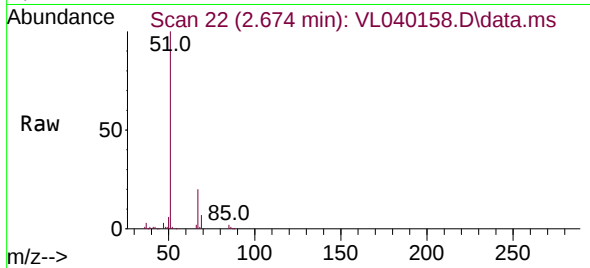




#3
Chlorodifluoromethane
Concen: 9.577 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

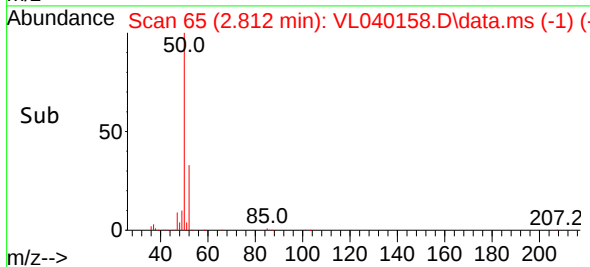
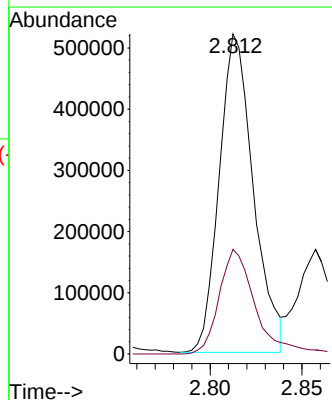
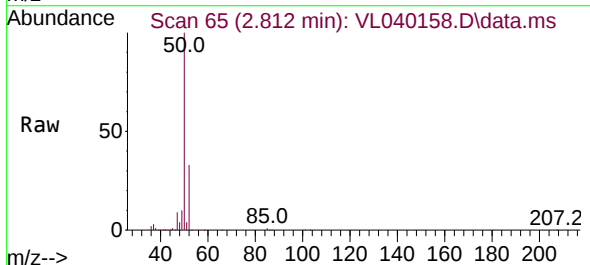
Instrument :
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ClientSampleId :
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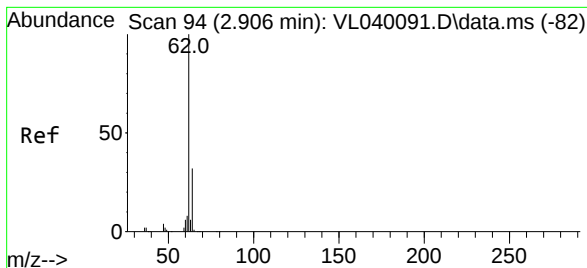
Tgt Ion: 51 Resp: 1083354
Ion Ratio Lower Upper
51 100
67 19.6 16.4 24.6



#4
Chloromethane
Concen: 9.619 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 50 Resp: 672503
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

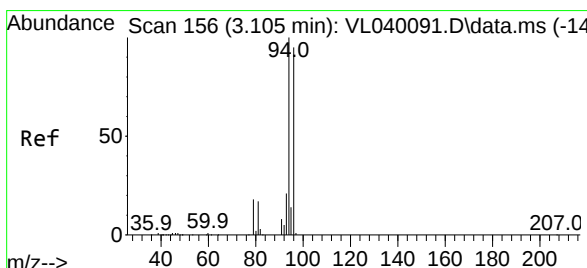
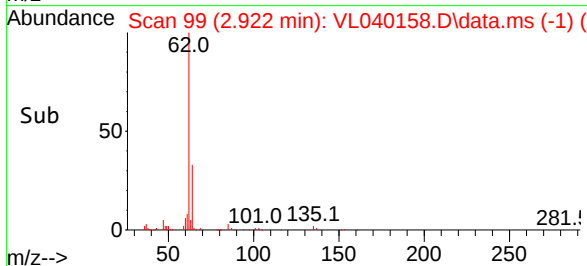
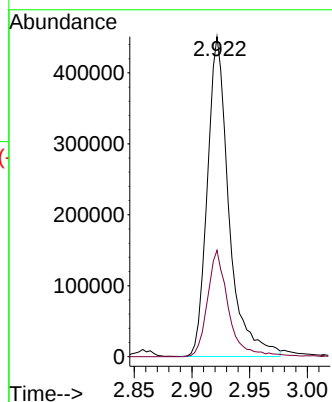
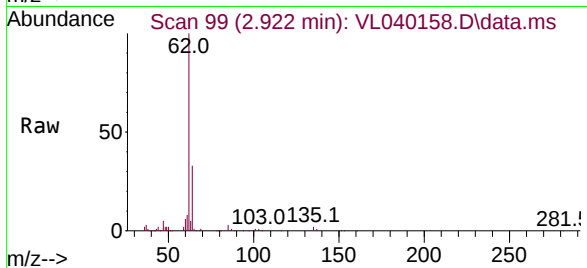




#5
 Vinyl Chloride
 Concen: 9.889 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

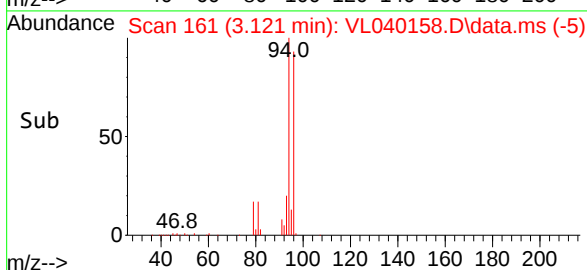
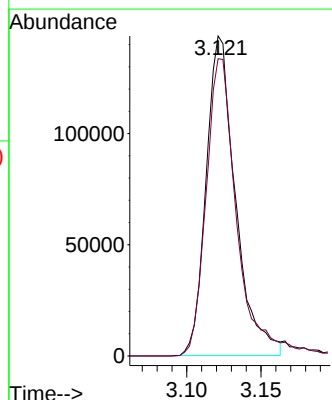
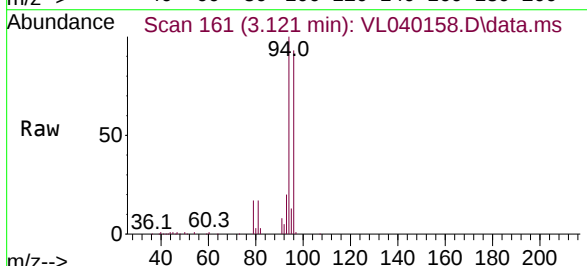
Instrument :
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 ClientSampleId :
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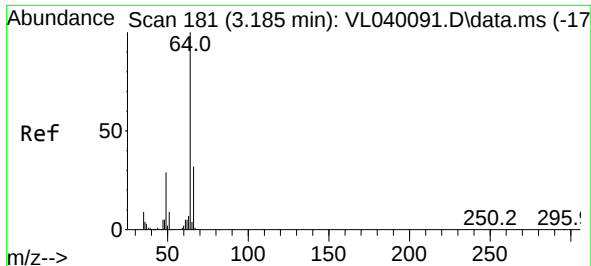
Tgt Ion: 62 Resp: 586161
 Ion Ratio Lower Upper
 62 100
 64 33.3 25.8 38.6



#6
 Bromomethane
 Concen: 9.138 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

Tgt Ion: 94 Resp: 197637
 Ion Ratio Lower Upper
 94 100
 96 92.9 76.2 114.2

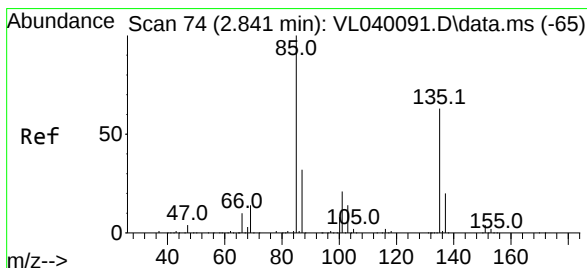
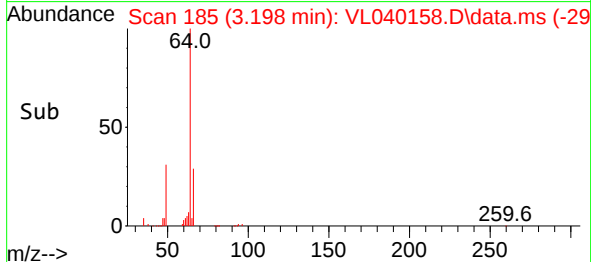
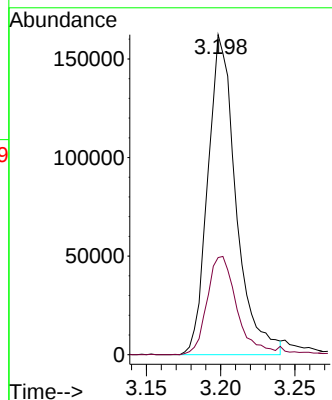
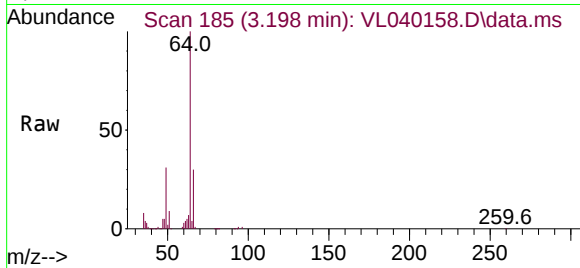




#7
Chloroethane
Concen: 9.463 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

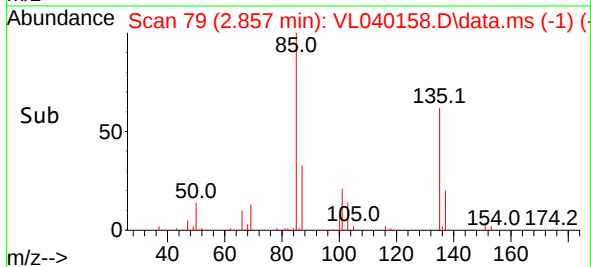
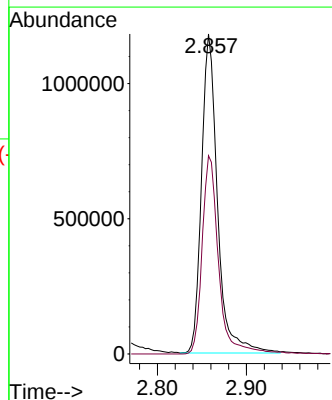
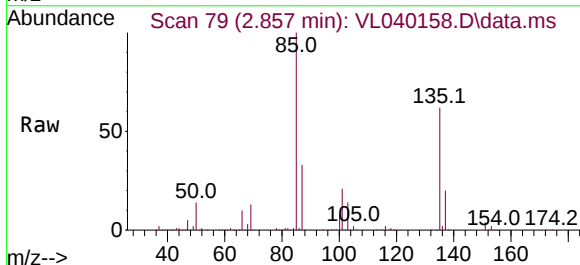
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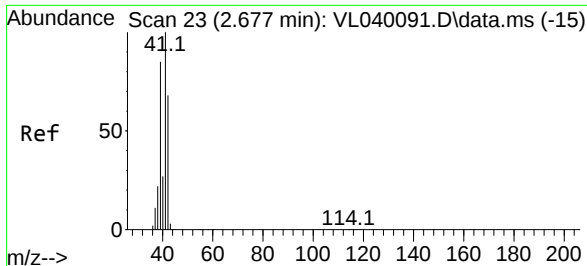
Tgt Ion: 64 Resp: 214396
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.537 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 85 Resp: 1472181
Ion Ratio Lower Upper
85 100
135 64.3 51.4 77.2





#9

Propene

Concen: 9.461 ppbv

RT: 2.693 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

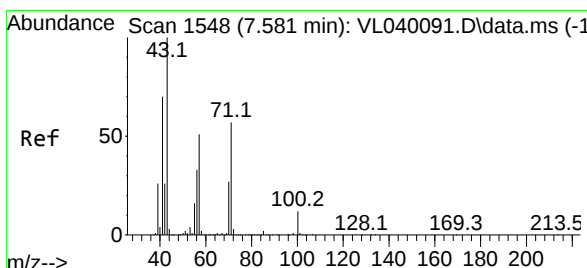
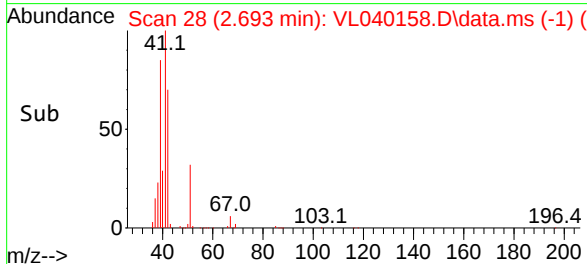
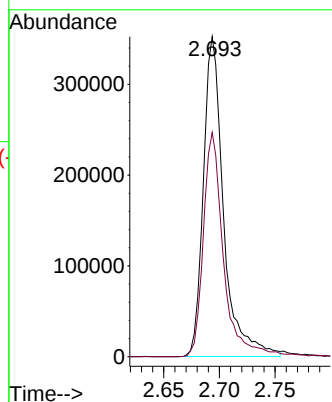
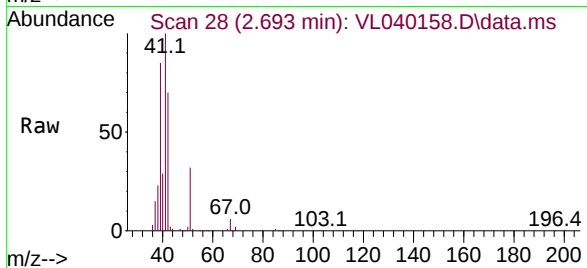
VSTDCCC010

Tgt Ion: 41 Resp: 444648

Ion Ratio Lower Upper

41 100

42 70.7 55.6 83.4



#10

Heptane

Concen: 10.309 ppbv

RT: 7.603 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VL040158.D

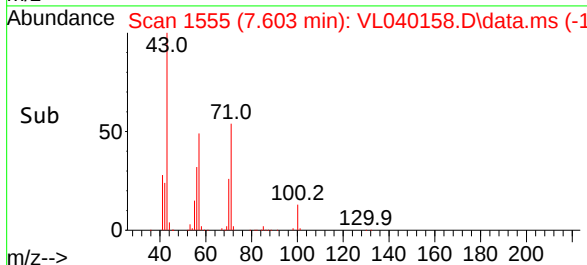
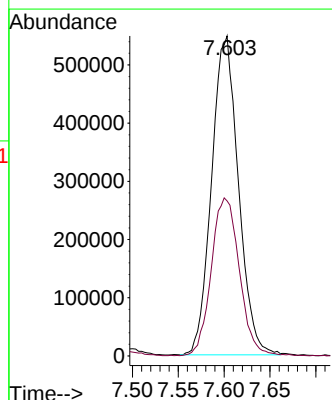
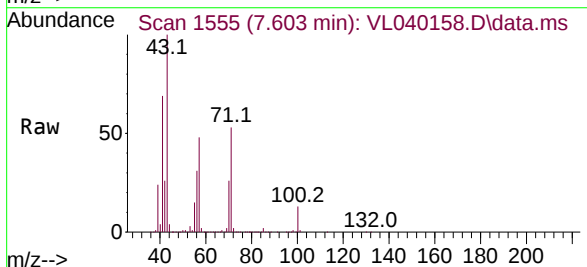
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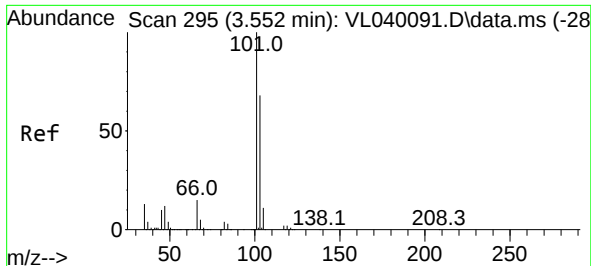
Tgt Ion: 43 Resp: 1116671

Ion Ratio Lower Upper

43 100

57 52.0 40.9 61.3

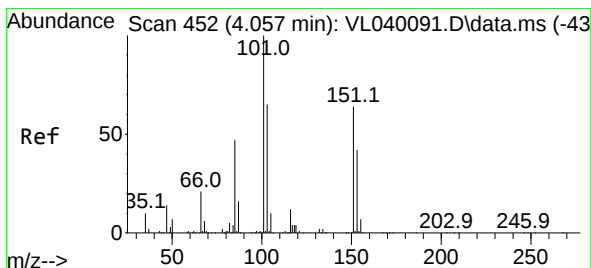
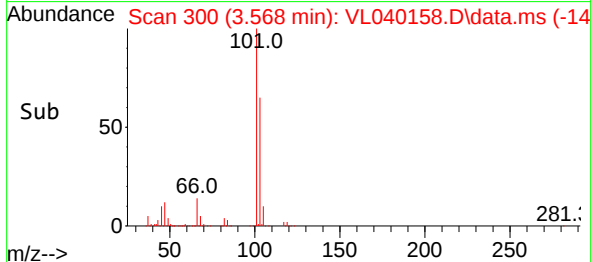
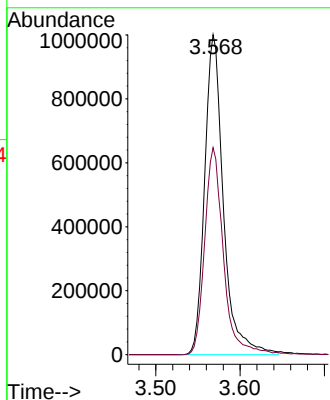
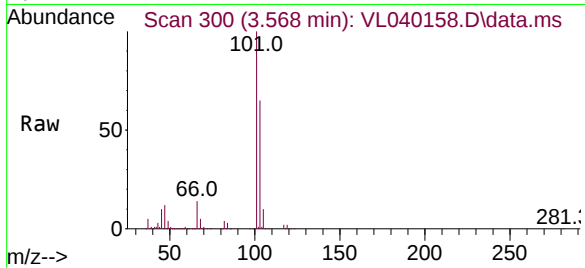




#11
 Trichlorofluoromethane
 Concen: 9.395 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

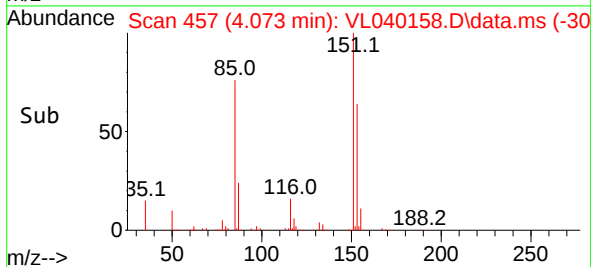
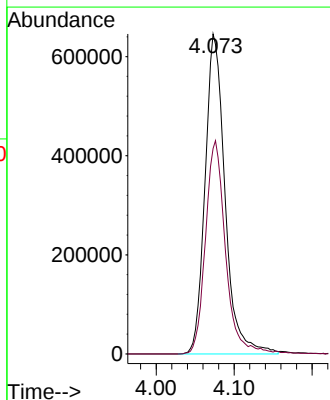
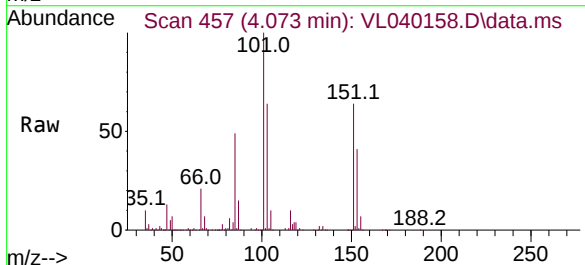
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

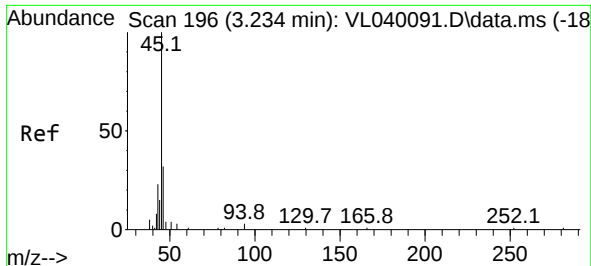
Tgt Ion:101 Resp: 1550507
 Ion Ratio Lower Upper
 101 100
 103 64.7 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.270 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

Tgt Ion:101 Resp: 1150135
 Ion Ratio Lower Upper
 101 100
 151 67.3 53.2 79.8

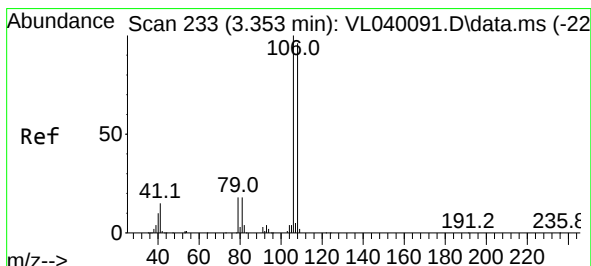
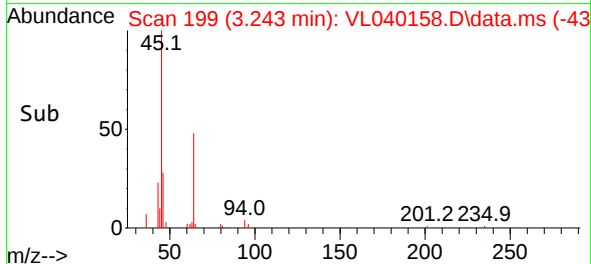
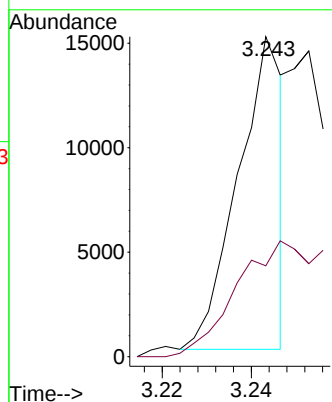
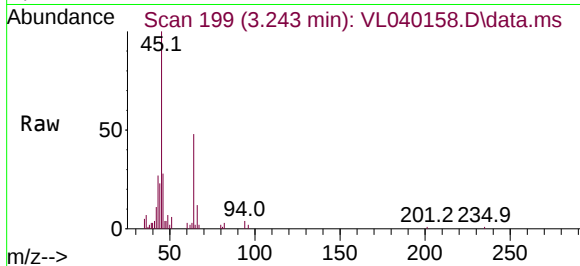




#13
Ethanol
Concen: 2.420 ppbv
RT: 3.243 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

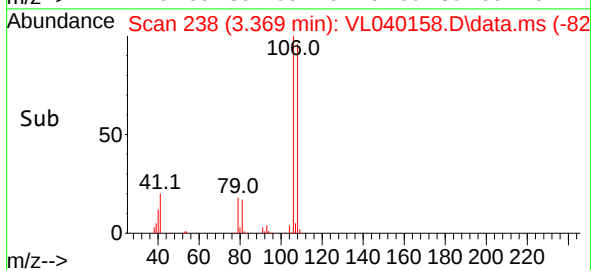
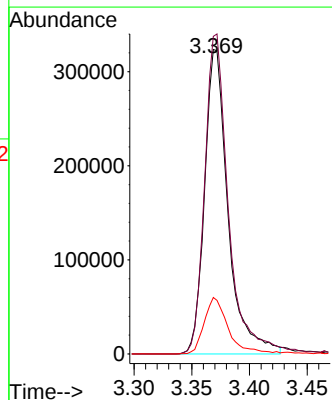
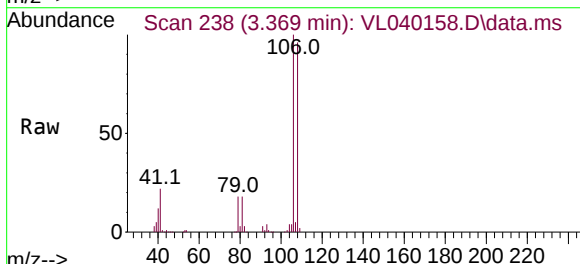
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

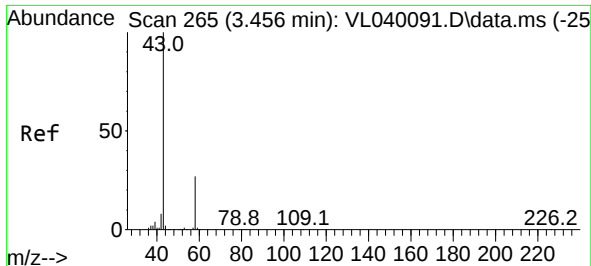
Tgt Ion: 45 Resp: 10469
Ion Ratio Lower Upper
45 100
46 110.7 14.8 59.2#



#14
Bromoethene
Concen: 9.957 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 108 Resp: 458578
Ion Ratio Lower Upper
108 100
106 107.8 87.0 130.6
79 19.5 16.1 24.1





#15

Acetone

Concen: 9.230 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

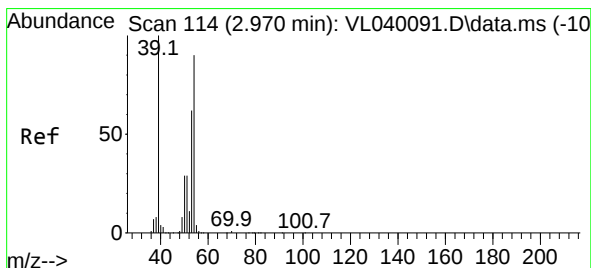
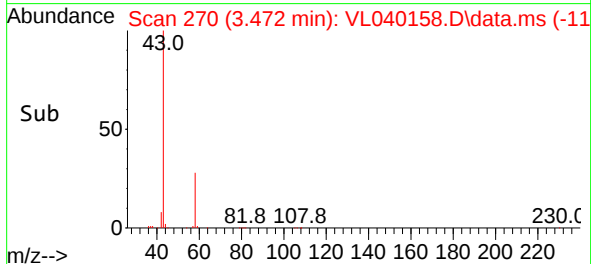
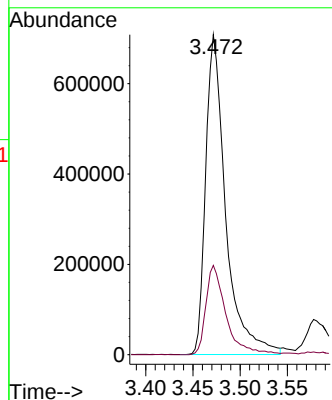
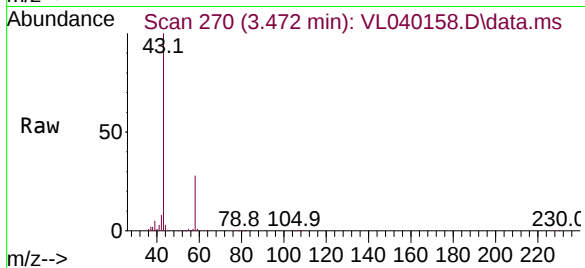
VSTDCCC010

Tgt Ion: 43 Resp: 1043962

Ion Ratio Lower Upper

43 100

58 28.2 21.8 32.8



#16

1,3-Butadiene

Concen: 10.032 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.000 min

Lab File: VL040158.D

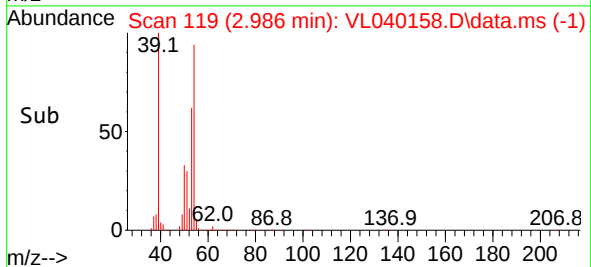
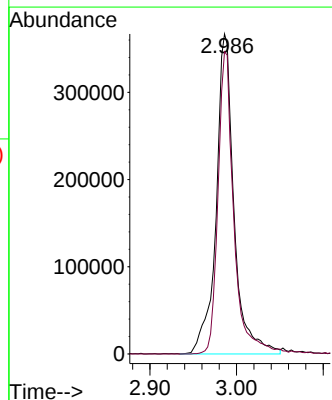
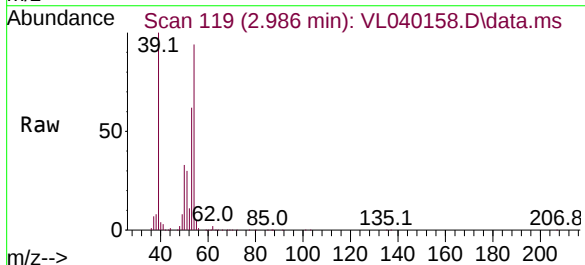
Acq: 13 Feb 2023 12:44

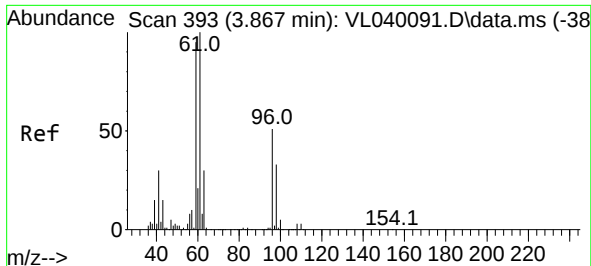
Tgt Ion: 39 Resp: 529056

Ion Ratio Lower Upper

39 100

54 84.3 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.031 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_1

ClientSampleId :

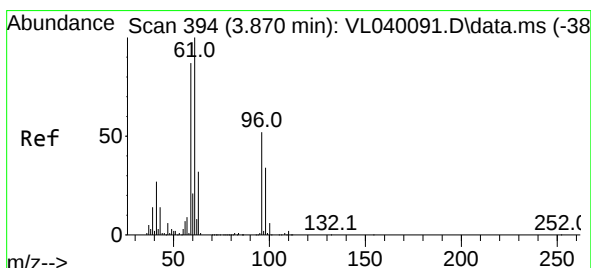
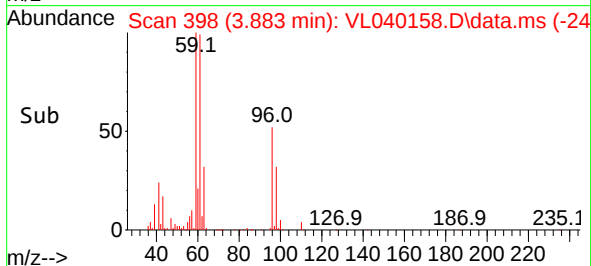
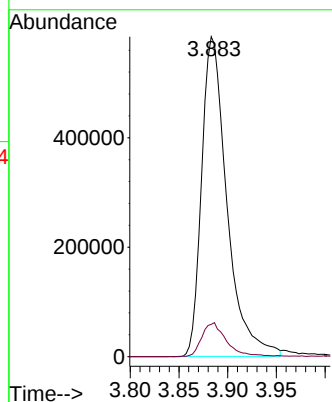
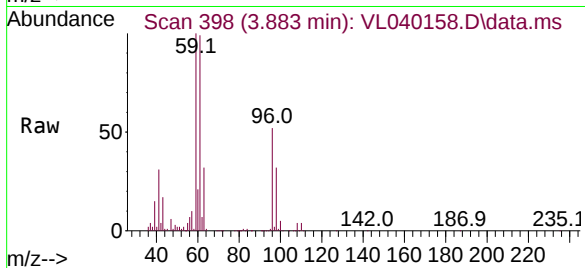
VSTDCCC010

Tgt Ion: 59 Resp: 1056508

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.442 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

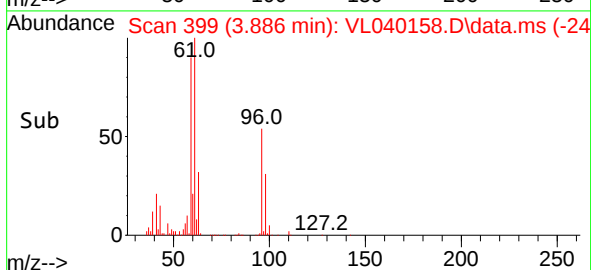
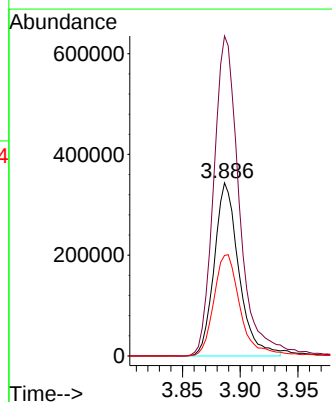
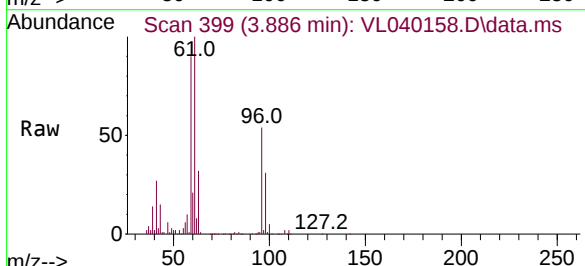
Tgt Ion: 96 Resp: 508959

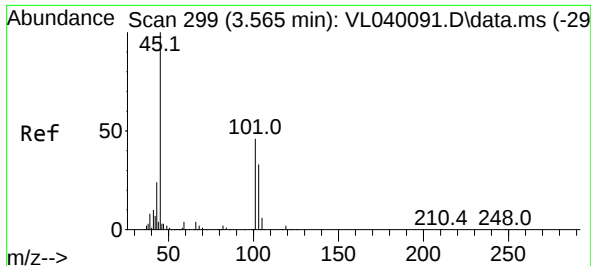
Ion Ratio Lower Upper

96 100

61 184.8 153.0 229.4

98 58.1 52.7 79.1





#19

Isopropyl Alcohol

Concen: 8.661 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

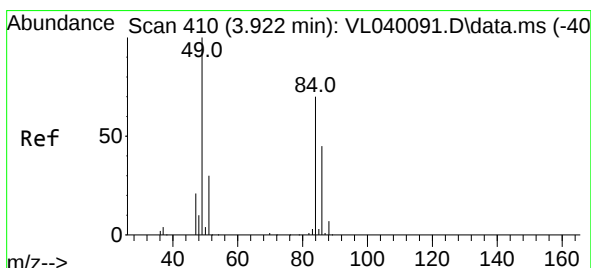
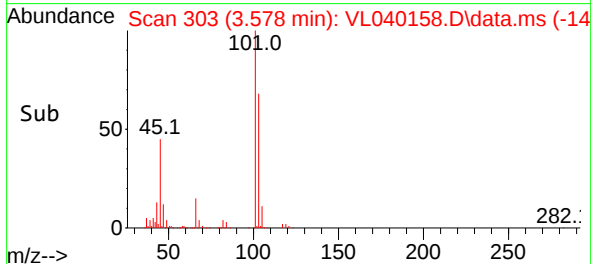
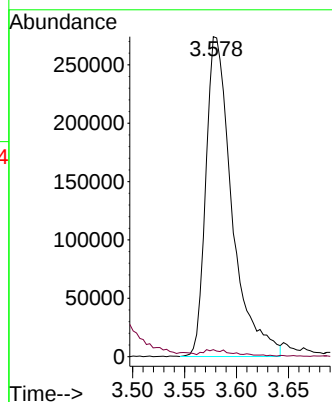
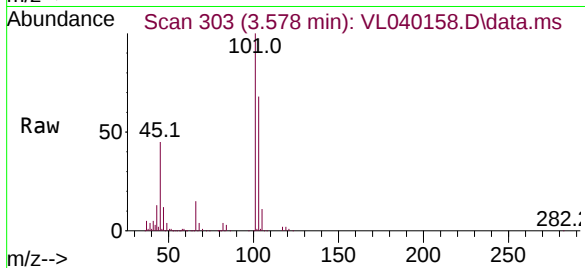
VSTDCCC010

Tgt Ion: 45 Resp: 479325

Ion Ratio Lower Upper

45 100

58 3.5 2.6 4.0



#20

Methylene Chloride

Concen: 8.385 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Tgt Ion: 84 Resp: 418425

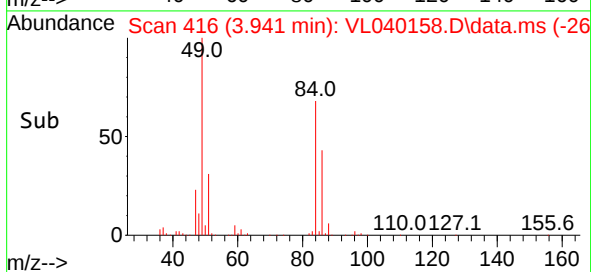
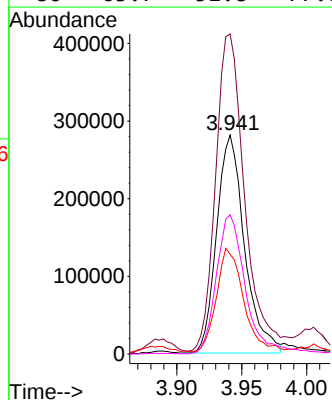
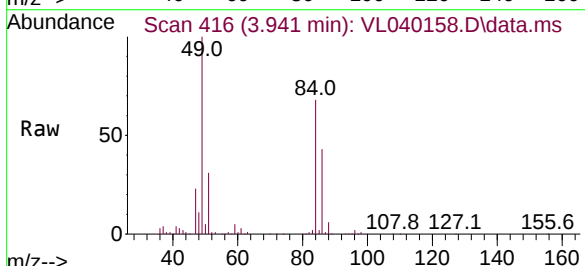
Ion Ratio Lower Upper

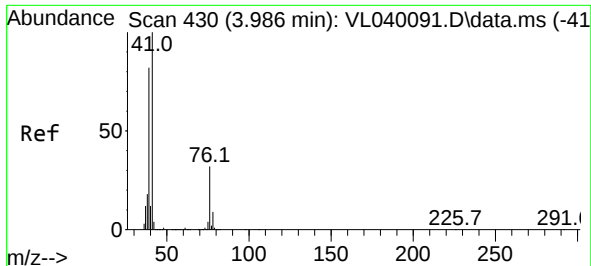
84 100

49 144.9 114.6 171.8

51 44.5 34.3 51.5

86 63.7 51.8 77.8





#21

Allyl Chloride

Concen: 9.945 ppbv

RT: 4.005 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

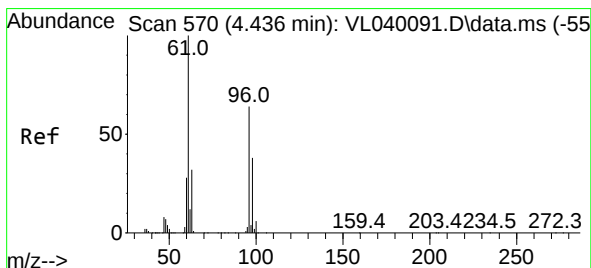
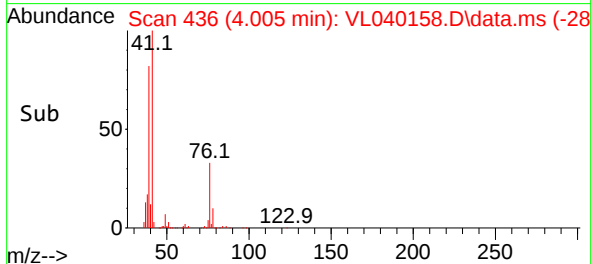
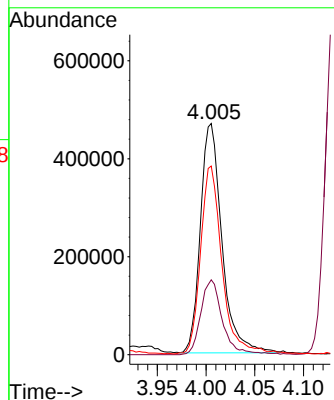
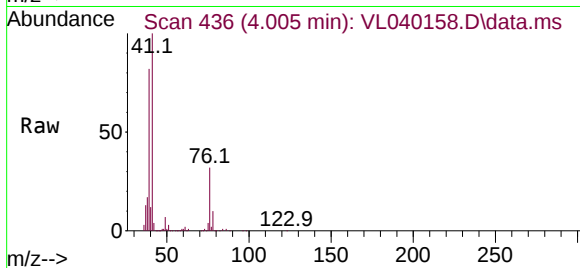
Tgt Ion: 41 Resp: 722301

Ion Ratio Lower Upper

41 100

76 32.8 25.9 38.9

39 81.9 66.8 100.2



#22

trans-1,2-Dichloroethene

Concen: 9.901 ppbv

RT: 4.455 min Scan# 576

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

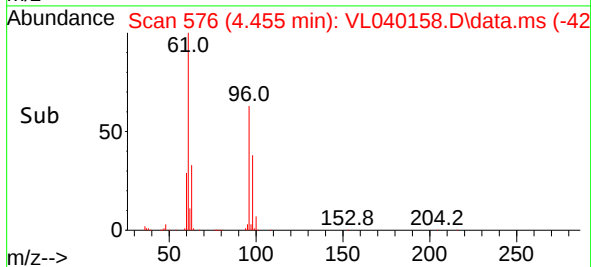
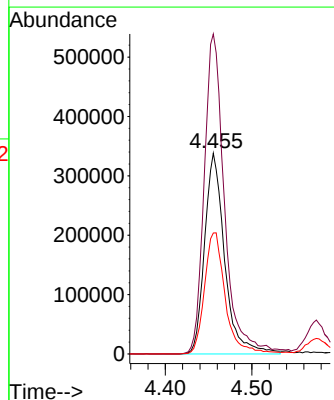
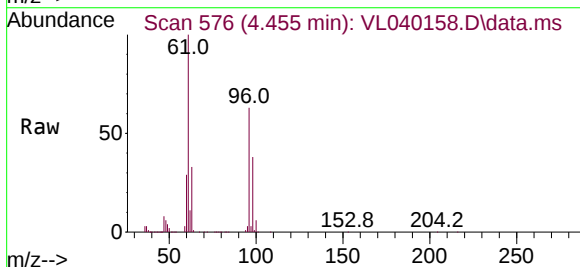
Tgt Ion: 96 Resp: 545371

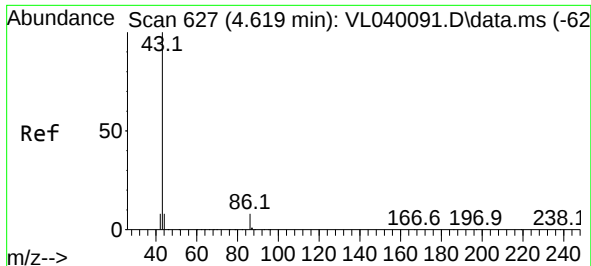
Ion Ratio Lower Upper

96 100

61 159.3 125.8 188.8

98 60.2 47.4 71.2



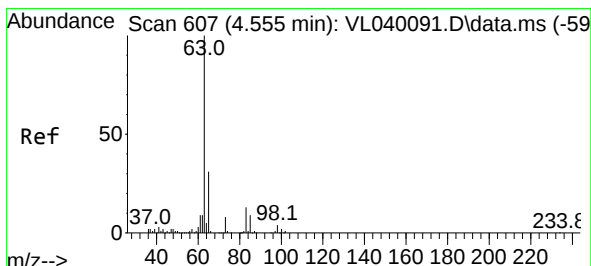
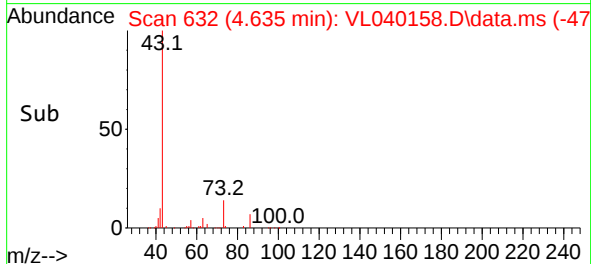
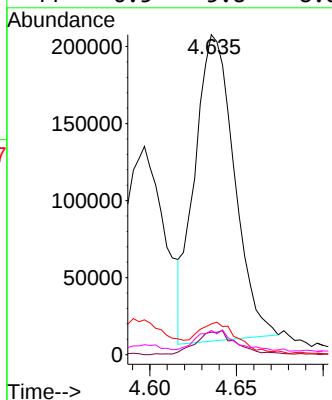
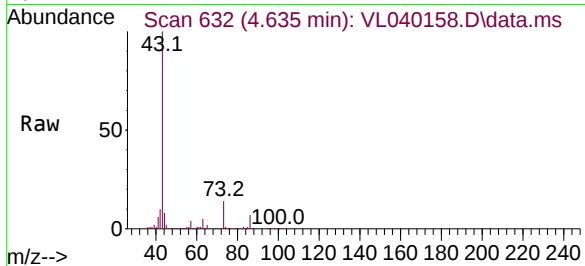


#23
 Vinyl Acetate
 Concen: 8.568 ppbv
 RT: 4.635 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 314154

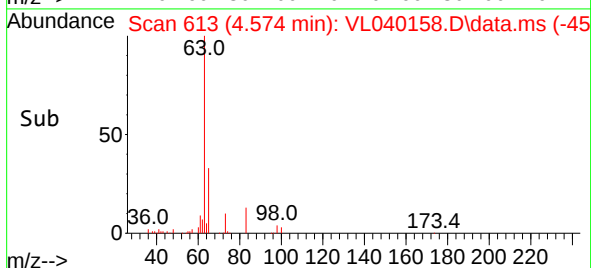
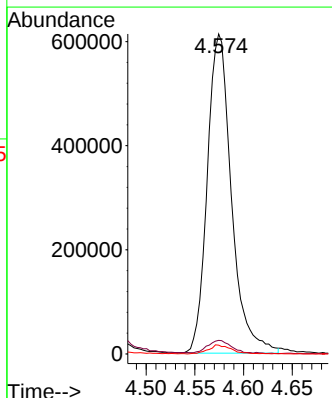
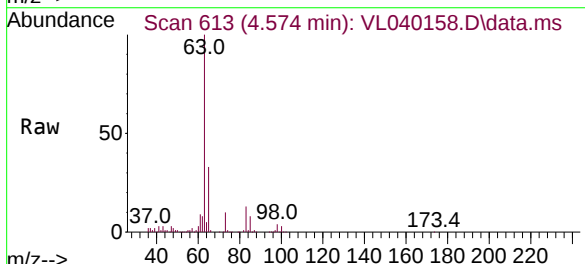
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.6	8.4
42	9.0	7.7	11.5
44	6.5	5.8	8.8

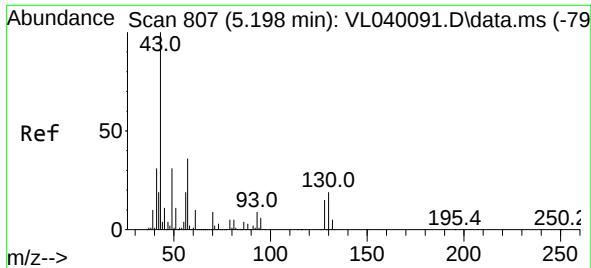


#24
 1,1-Dichloroethane
 Concen: 9.533 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

Tgt Ion: 63 Resp: 1058502

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.0	5.8
100	2.7	1.1	3.5



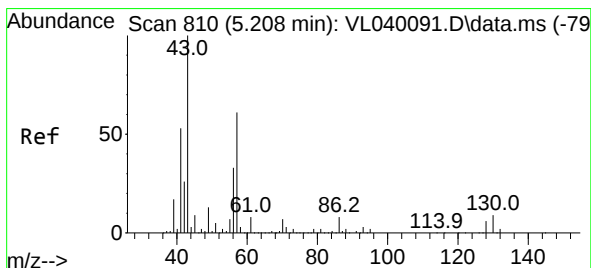
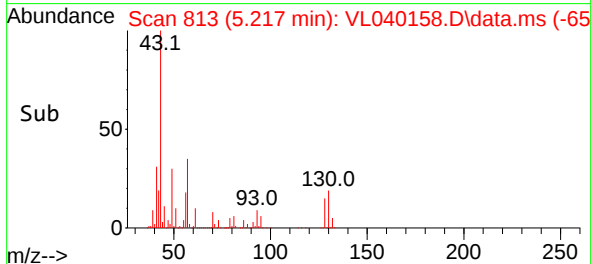
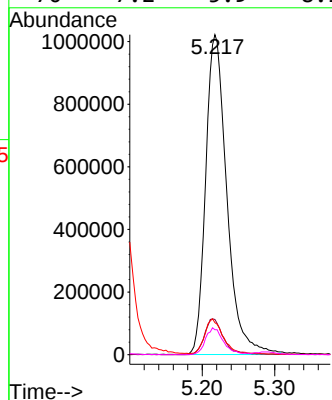
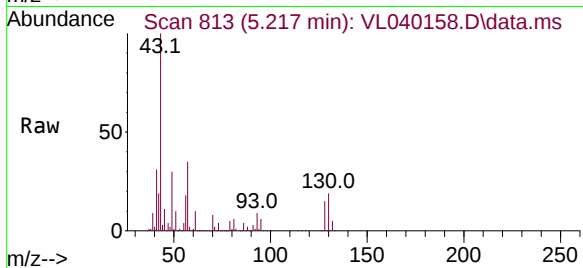


#25
Ethyl Acetate
Concen: 10.393 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2071032

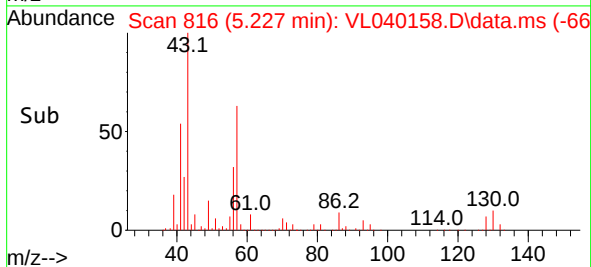
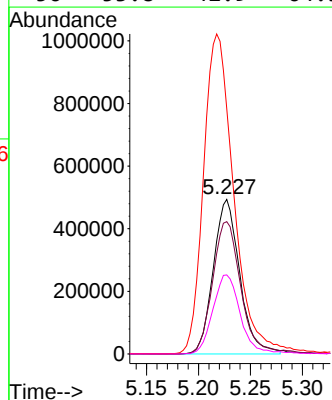
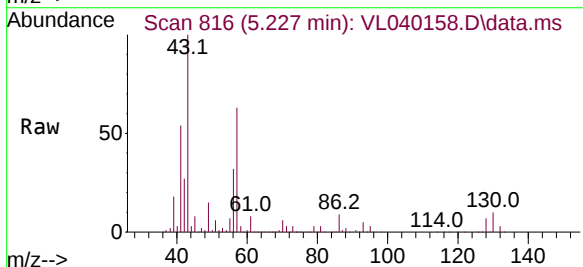
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.5	12.7
61	10.1	8.4	12.6
70	7.2	5.9	8.9

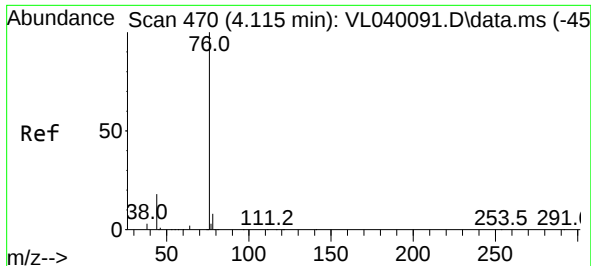


#26
Hexane
Concen: 9.993 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 57 Resp: 871487

Ion	Ratio	Lower	Upper
57	100		
41	92.6	72.2	108.4
43	239.5	192.1	288.1
56	53.8	42.9	64.3

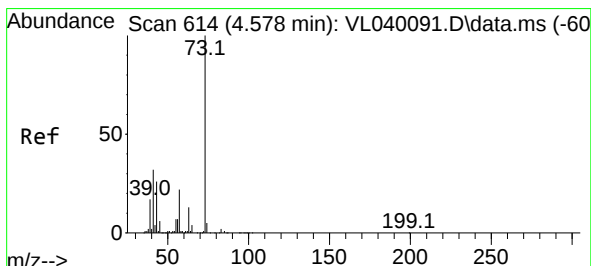
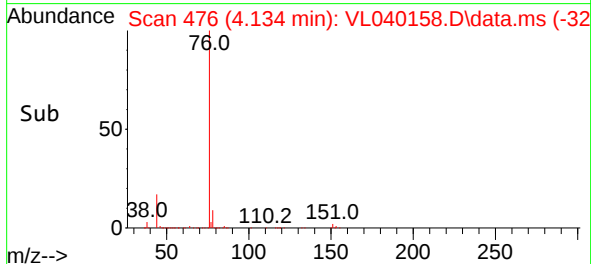
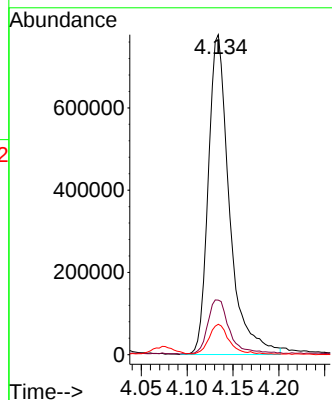
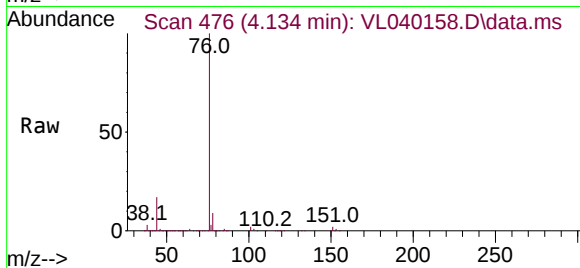




#27
Carbon Disulfide
Concen: 11.029 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

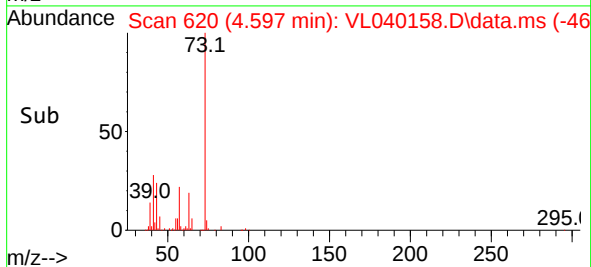
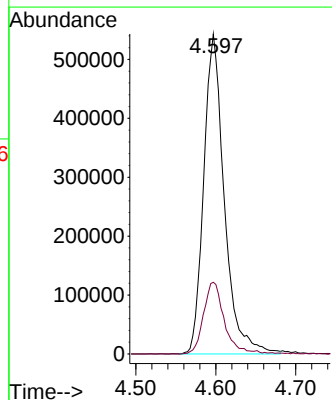
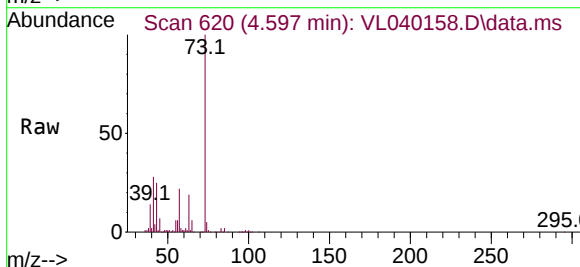
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

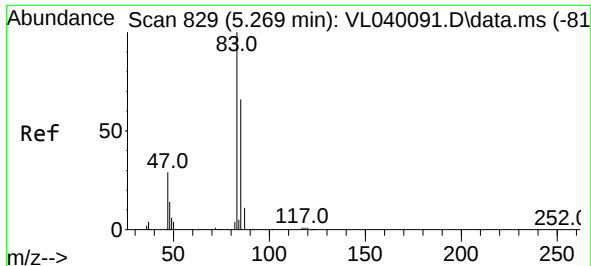
Tgt Ion: 76 Resp: 1245998
Ion Ratio Lower Upper
76 100
44 17.4 14.9 22.3
78 9.6 8.2 12.2



#28
Methyl tert-Butyl Ether
Concen: 9.927 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 73 Resp: 973935
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5





#29

Chloroform

Concen: 10.734 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

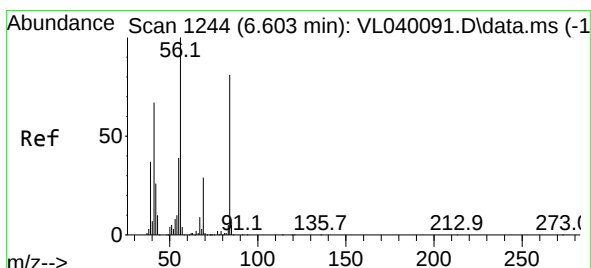
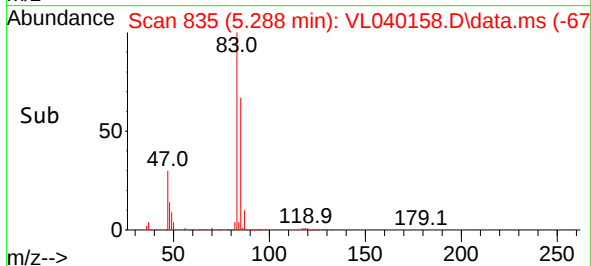
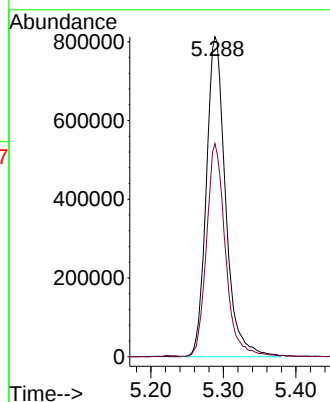
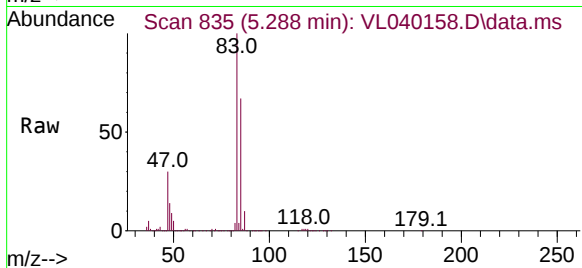
VSTDCCC010

Tgt Ion: 83 Resp: 1496650

Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7



#30

Cyclohexane

Concen: 10.378 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

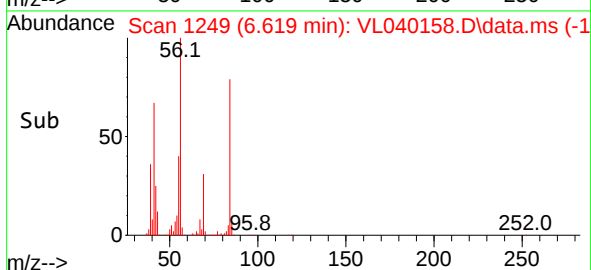
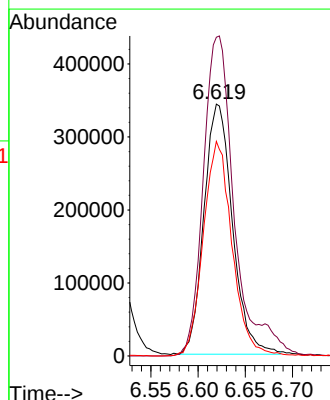
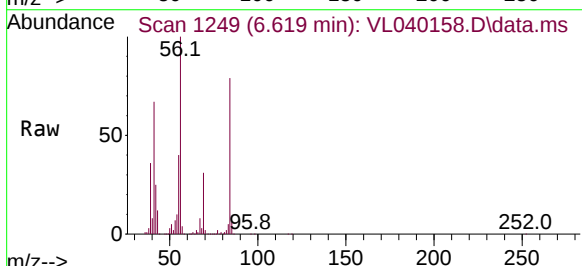
Tgt Ion: 84 Resp: 719440

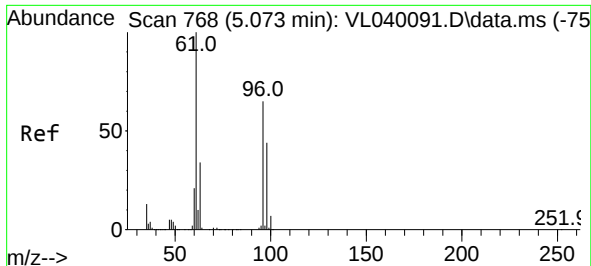
Ion Ratio Lower Upper

84 100

56 139.9 111.5 167.3

41 87.0 71.4 107.0

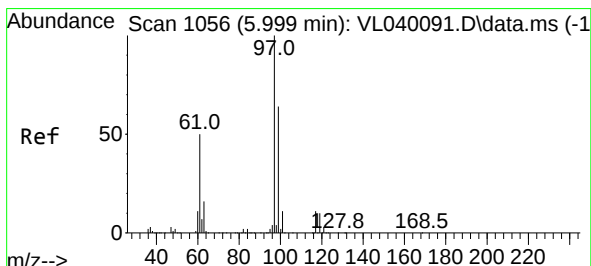
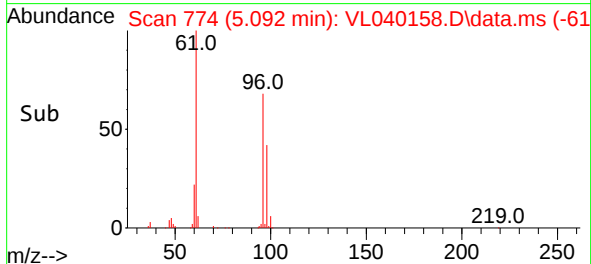
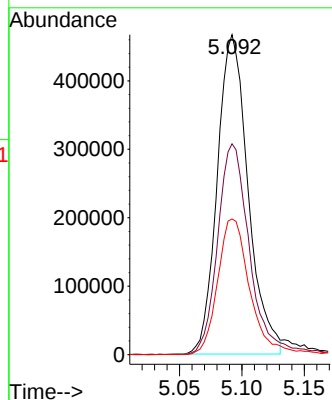
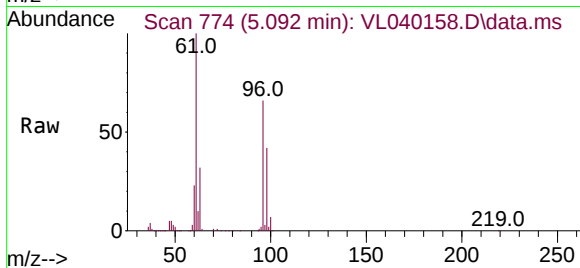




#31
 cis-1,2-Dichloroethene
 Concen: 9.529 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

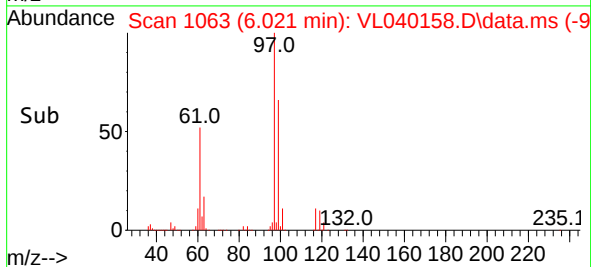
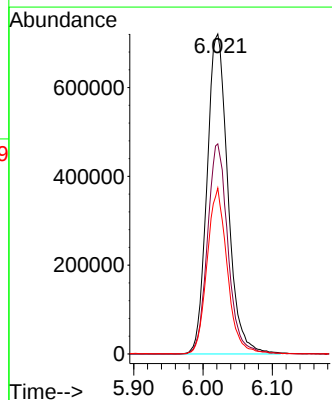
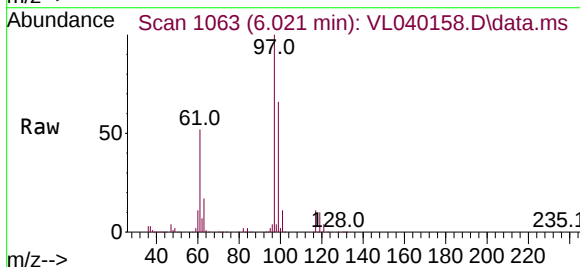
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

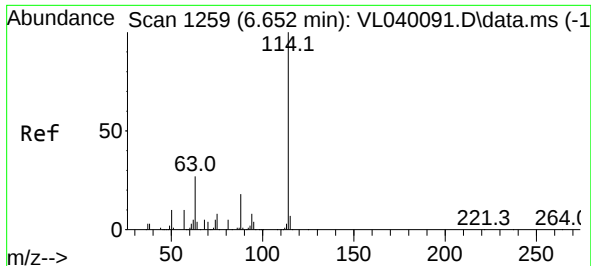
Tgt Ion: 61 Resp: 804487
 Ion Ratio Lower Upper
 61 100
 96 66.0 52.0 78.0
 98 42.4 35.3 52.9



#32
 1,1,1-Trichloroethane
 Concen: 10.647 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL040158.D
 Acq: 13 Feb 2023 12:44

Tgt Ion: 97 Resp: 1508816
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.8 77.6
 61 50.1 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

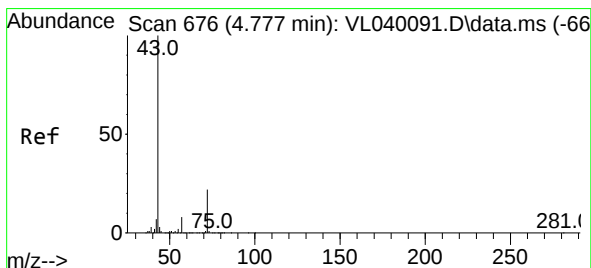
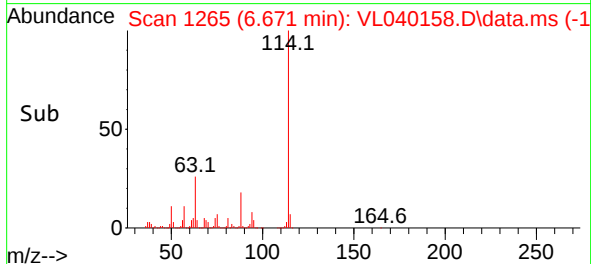
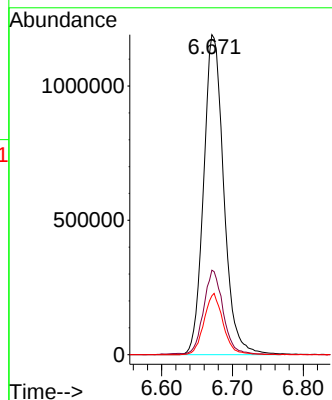
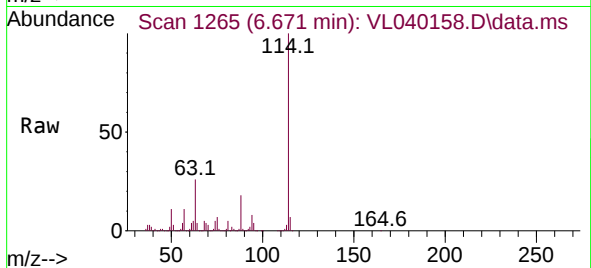
Tgt Ion:114 Resp: 2353256

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.8

88 18.2 14.8 22.2



#34

2-Butanone

Concen: 10.396 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL040158.D

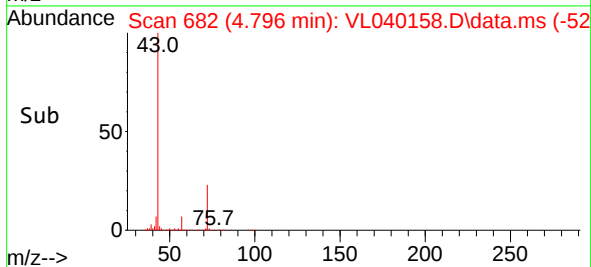
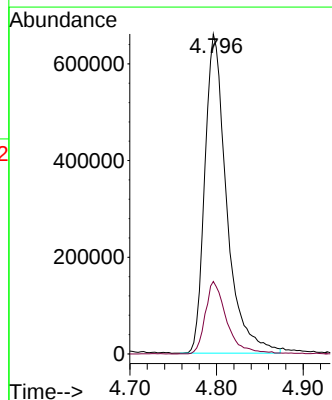
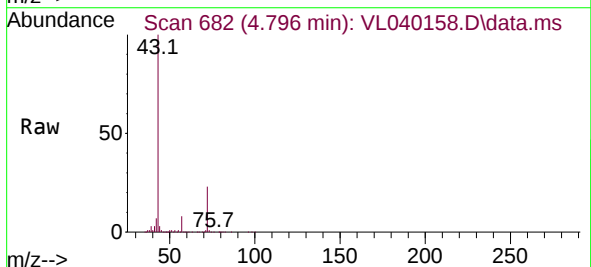
Acq: 13 Feb 2023 12:44

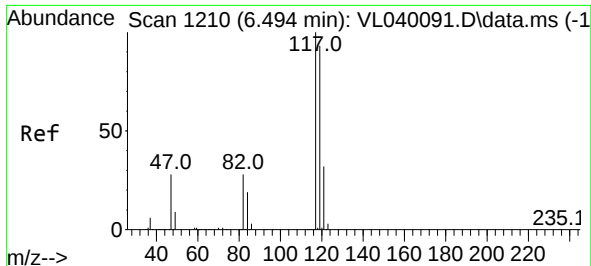
Tgt Ion: 43 Resp: 1157216

Ion Ratio Lower Upper

43 100

72 22.4 18.4 27.6

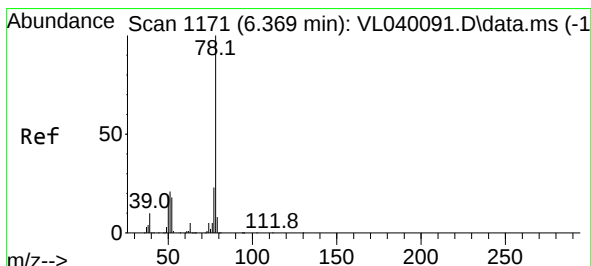
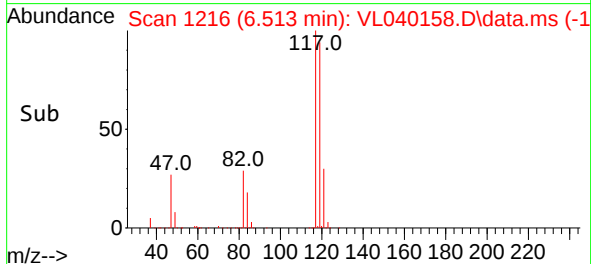
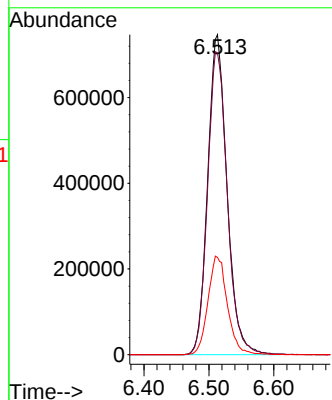
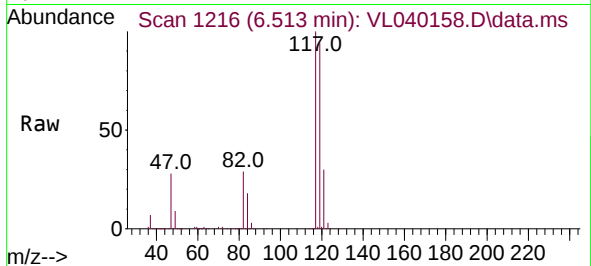




#35
Carbon Tetrachloride
Concen: 11.637 ppbv
RT: 6.513 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

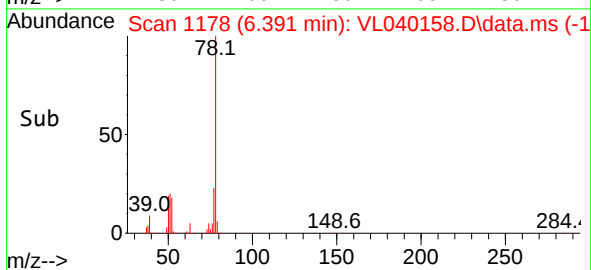
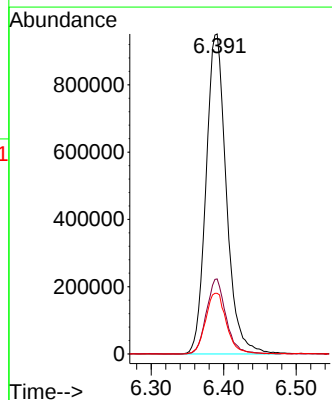
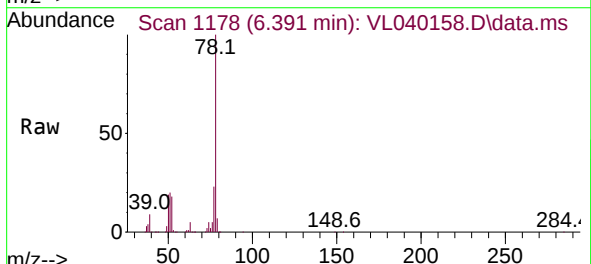
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

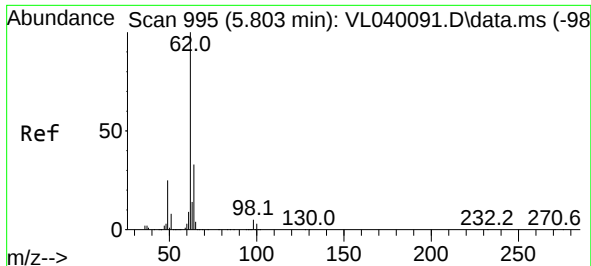
Tgt Ion:117 Resp: 1548414
Ion Ratio Lower Upper
117 100
119 94.4 74.5 111.7
121 30.4 25.4 38.0



#36
Benzene
Concen: 10.628 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 78 Resp: 1850779
Ion Ratio Lower Upper
78 100
77 23.5 18.1 27.1
50 18.9 15.6 23.4

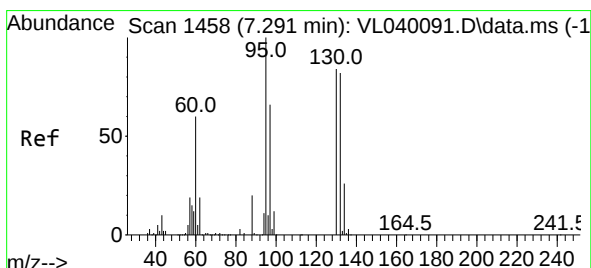
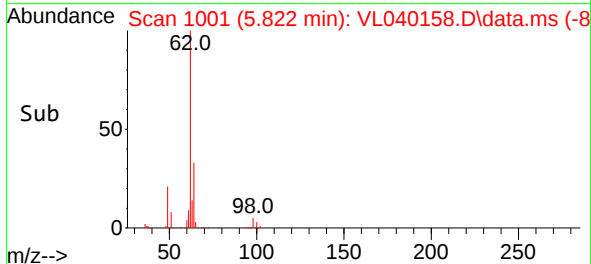
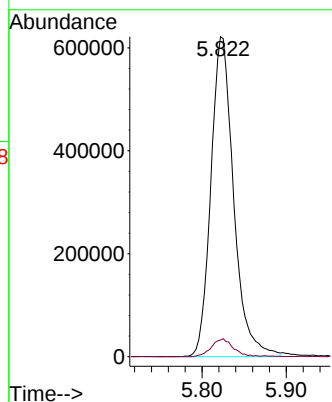
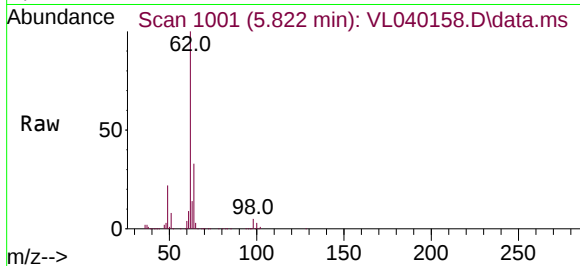




#37
1,2-Dichloroethane
Concen: 10.418 ppbv
RT: 5.822 min Scan# 10
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

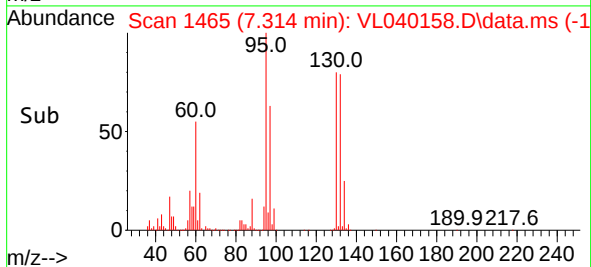
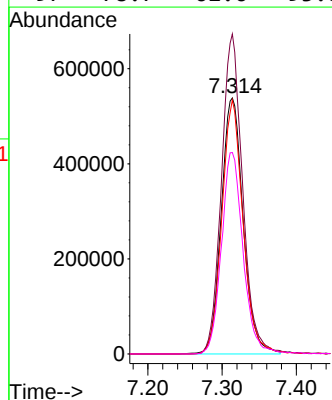
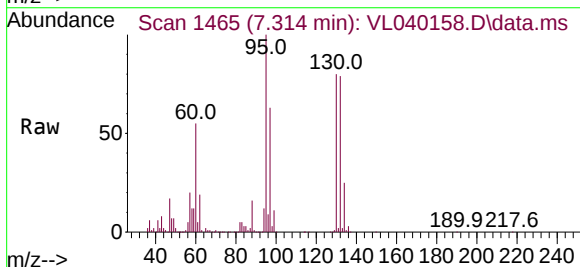
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

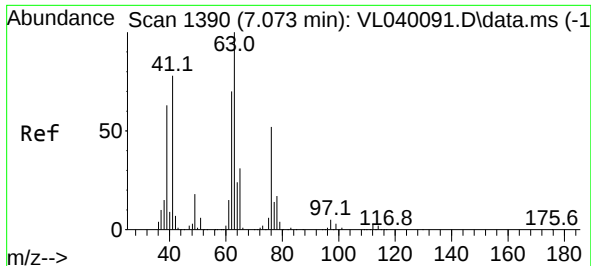
Tgt Ion: 62 Resp: 1166109
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6



#38
Trichloroethene
Concen: 11.195 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:130 Resp: 1106475
Ion Ratio Lower Upper
130 100
95 125.0 95.0 142.6
132 99.3 77.9 116.9
97 78.7 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.465 ppbv

RT: 7.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

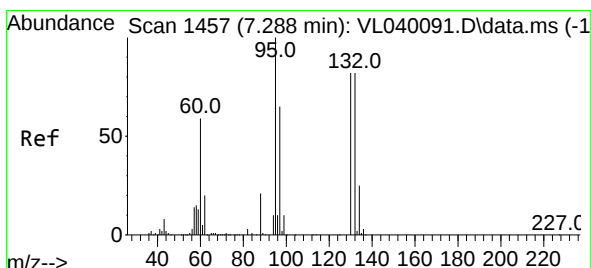
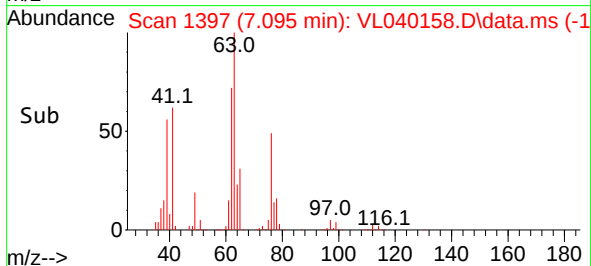
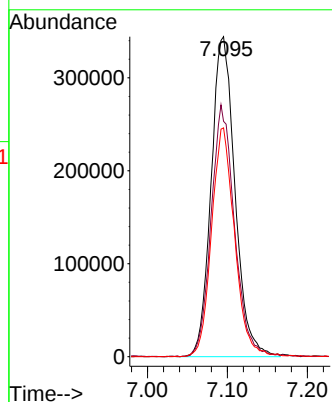
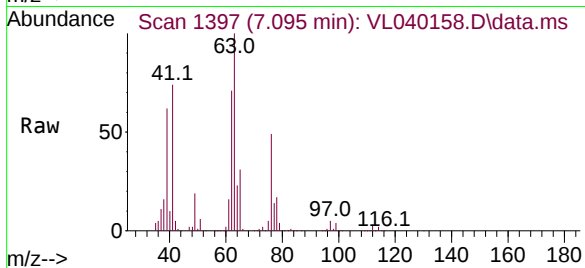
Tgt Ion: 63 Resp: 712847

Ion Ratio Lower Upper

63 100

41 73.6 62.2 93.4

62 71.5 55.8 83.8



#40

1,4-Dioxane

Concen: 9.452 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Tgt Ion: 88 Resp: 255508

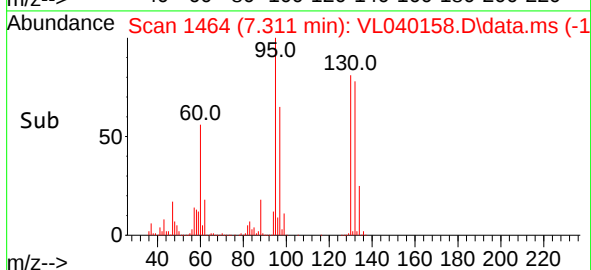
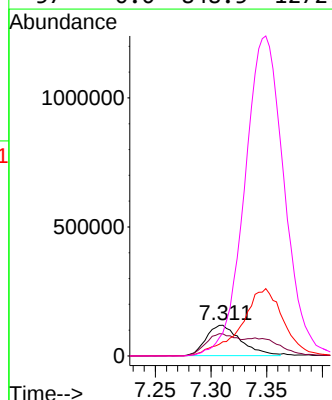
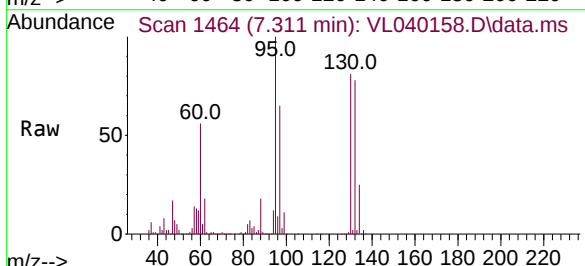
Ion Ratio Lower Upper

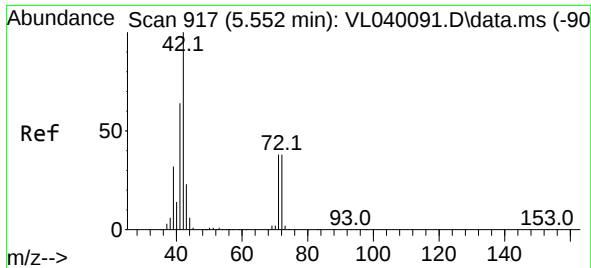
88 100

58 128.4 97.5 146.3

43 0.0 195.0 292.4#

57 0.0 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 11.192 ppbv

RT: 5.574 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

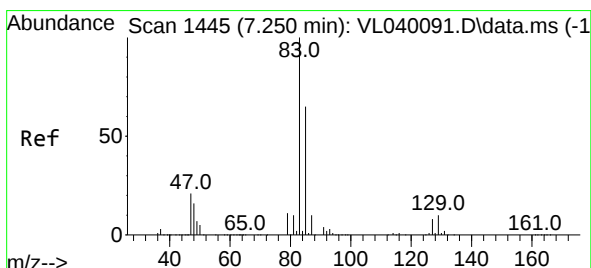
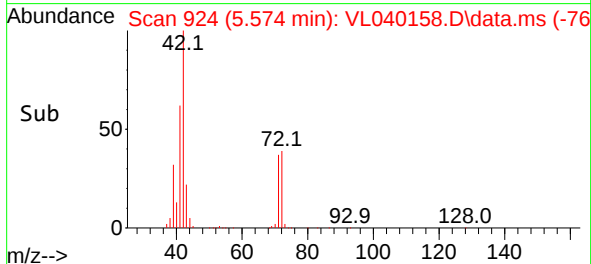
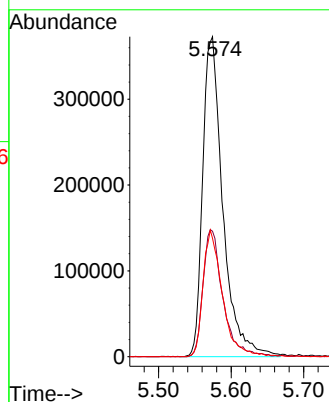
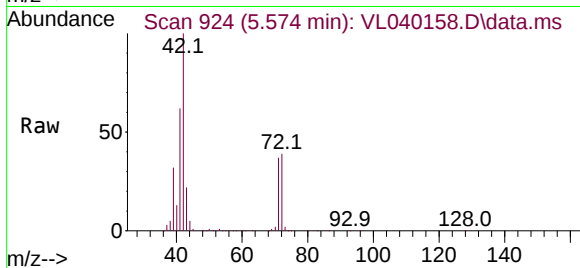
Tgt Ion: 42 Resp: 719040

Ion Ratio Lower Upper

42 100

72 39.4 31.9 47.9

71 38.3 31.4 47.2



#42

Bromodichloromethane

Concen: 10.829 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

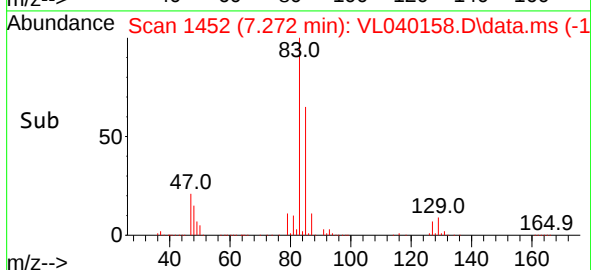
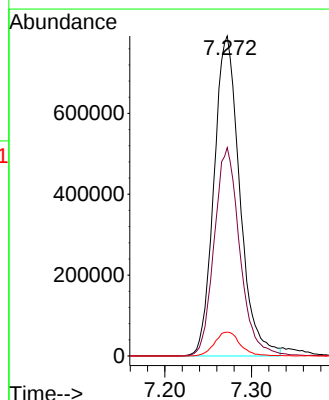
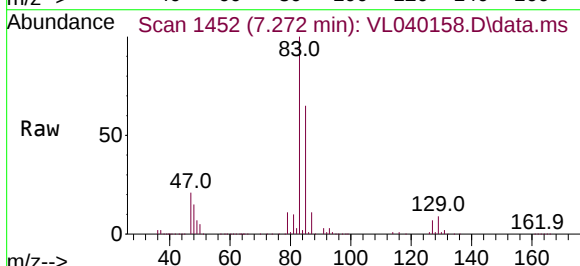
Tgt Ion: 83 Resp: 1636847

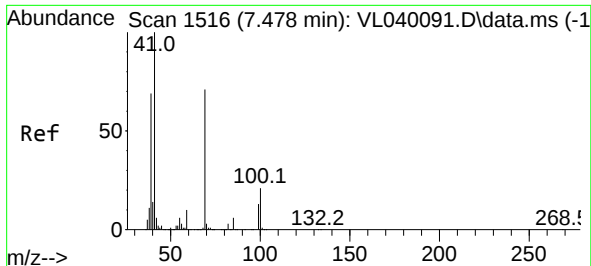
Ion Ratio Lower Upper

83 100

85 65.1 51.7 77.5

127 7.5 6.2 9.2

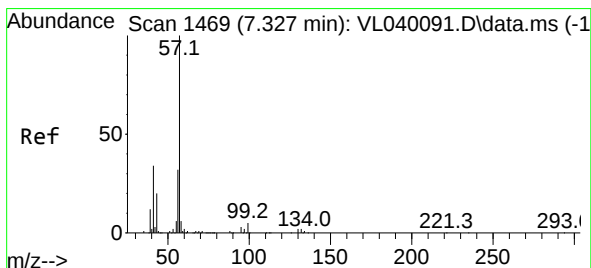
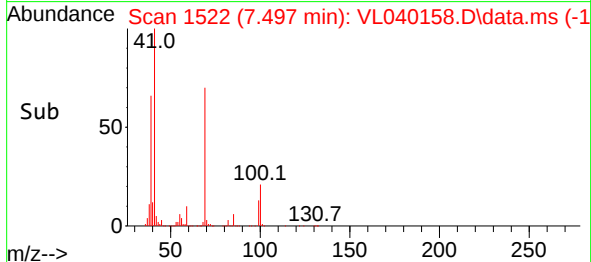
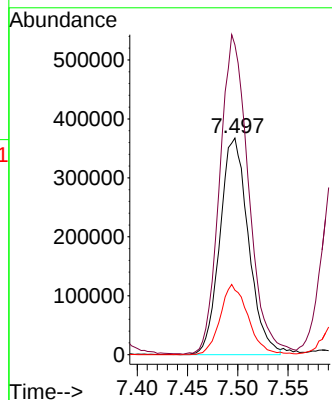
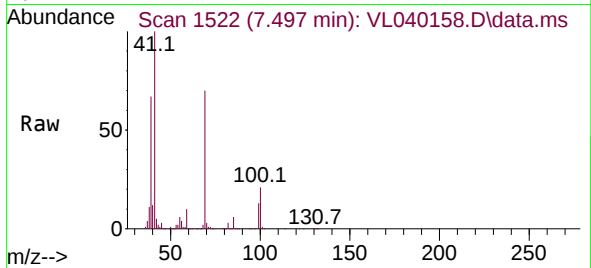




#43
Methyl Methacrylate
Concen: 11.363 ppbv
RT: 7.497 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

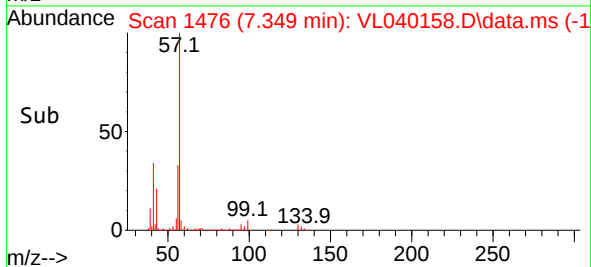
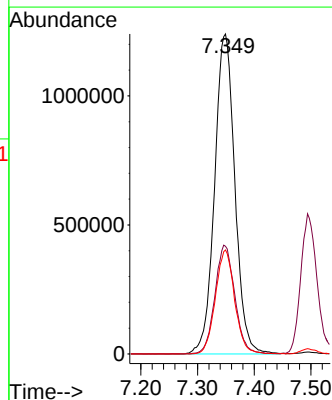
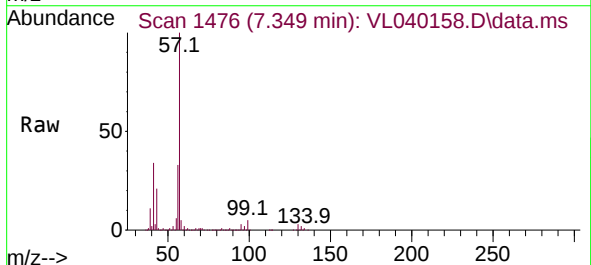
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

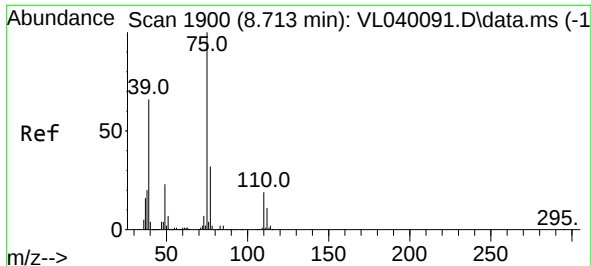
Tgt Ion: 69 Resp: 726162
Ion Ratio Lower Upper
69 100
41 149.1 118.2 177.2
100 31.6 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.635 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 57 Resp: 3079891
Ion Ratio Lower Upper
57 100
41 33.3 27.1 40.7
56 31.0 25.0 37.4

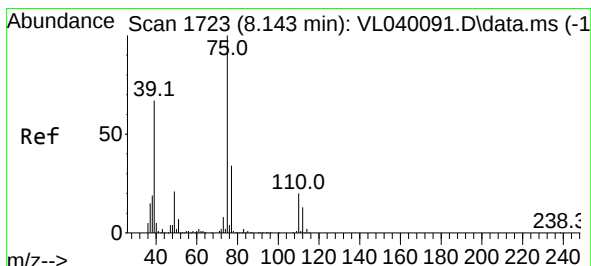
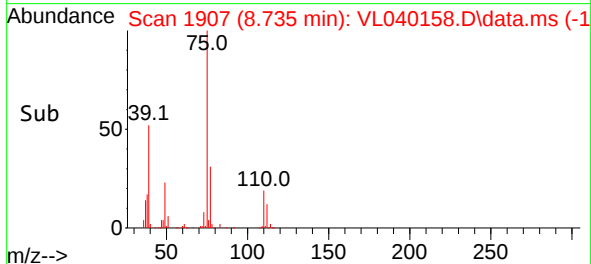
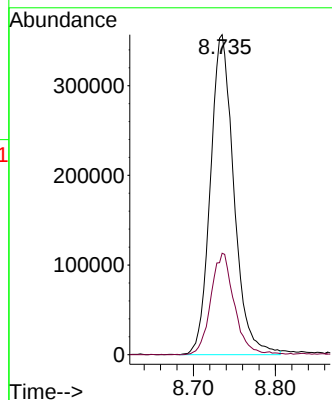
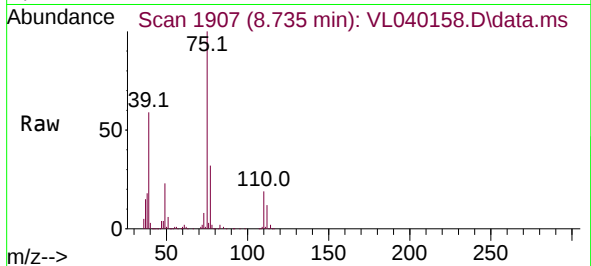




#45
t-1,3-Dichloropropene
Concen: 12.501 ppbv
RT: 8.735 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

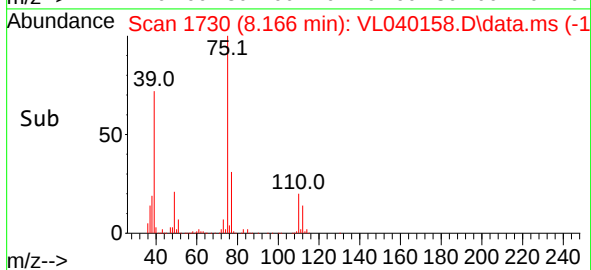
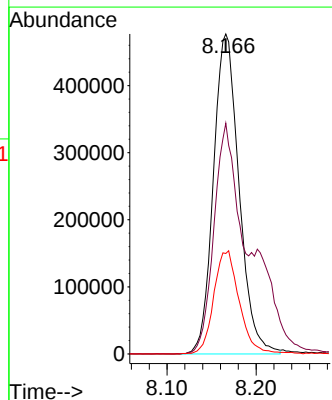
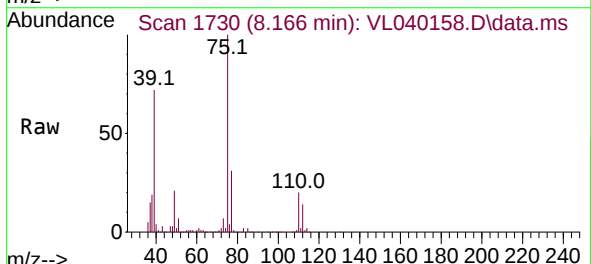
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

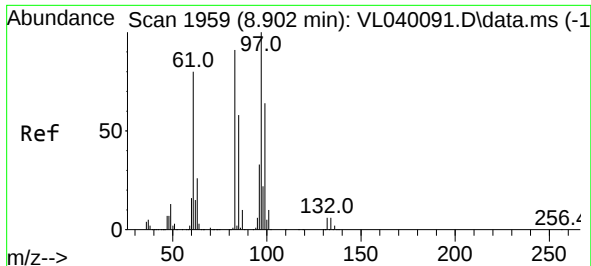
Tgt Ion: 75 Resp: 712382
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 12.251 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 75 Resp: 953986
Ion Ratio Lower Upper
75 100
39 72.0 53.6 80.4
77 31.4 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.413 ppbv

RT: 8.921 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 746765

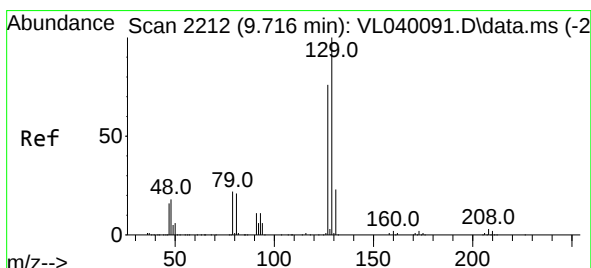
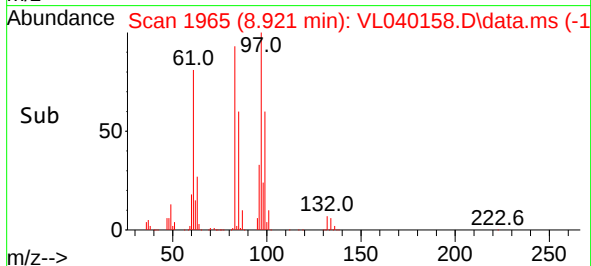
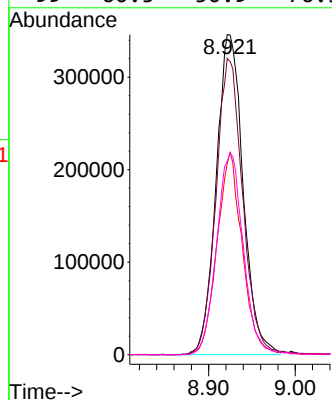
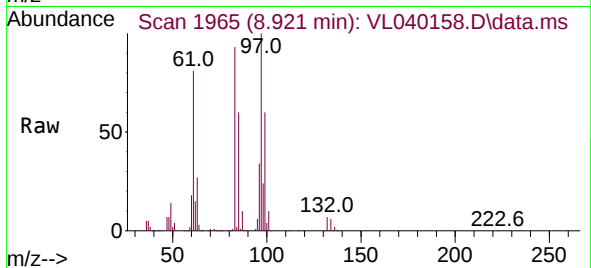
Ion Ratio Lower Upper

97 100

83 92.5 72.9 109.3

85 59.7 46.0 69.0

99 60.5 50.9 76.3



#48

Dibromochloromethane

Concen: 11.090 ppbv

RT: 9.738 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VL040158.D

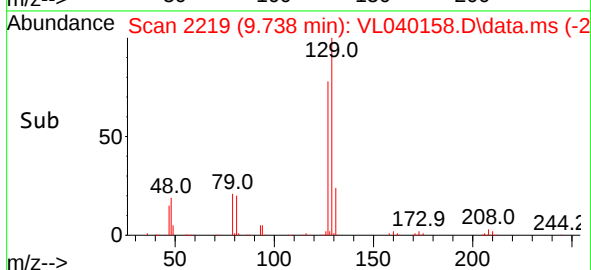
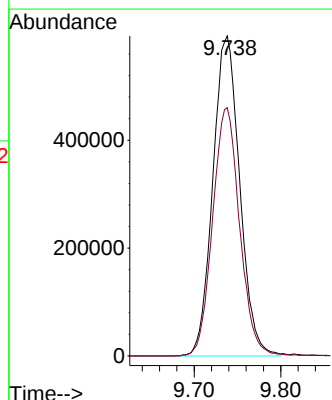
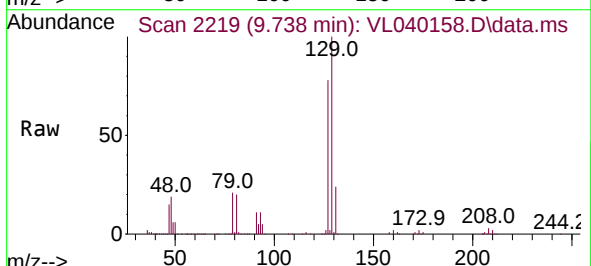
Acq: 13 Feb 2023 12:44

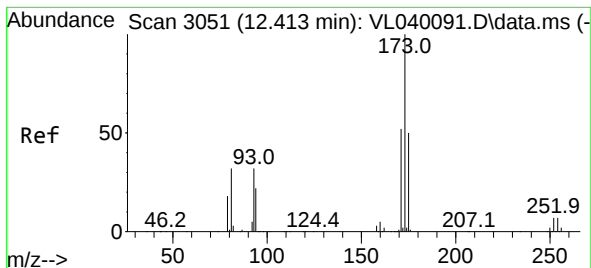
Tgt Ion: 129 Resp: 1278314

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9





#49

Bromoform

Concen: 11.009 ppbv

RT: 12.436 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

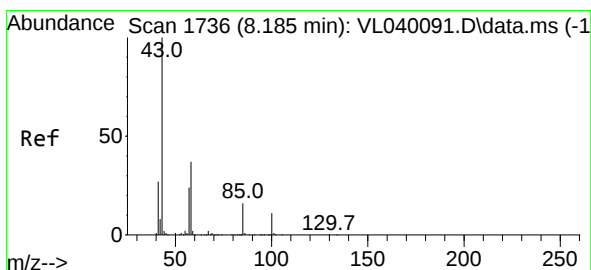
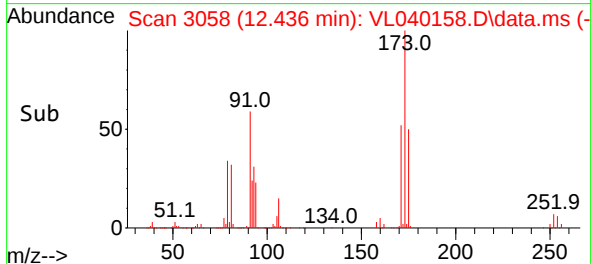
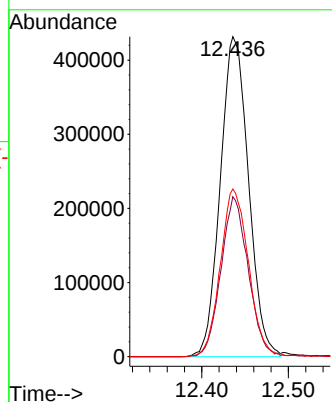
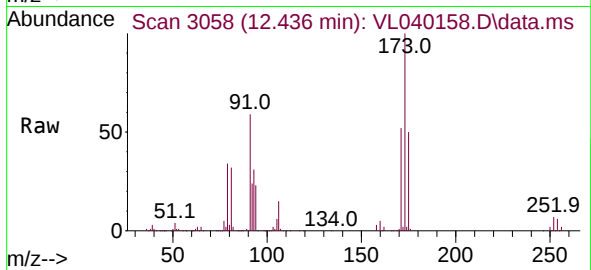
Tgt Ion:173 Resp: 977548

Ion Ratio Lower Upper

173 100

175 48.8 39.7 59.5

171 52.8 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.795 ppbv

RT: 8.204 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VL040158.D

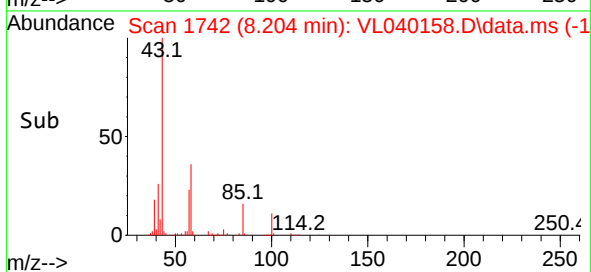
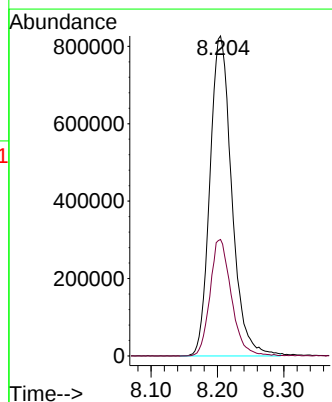
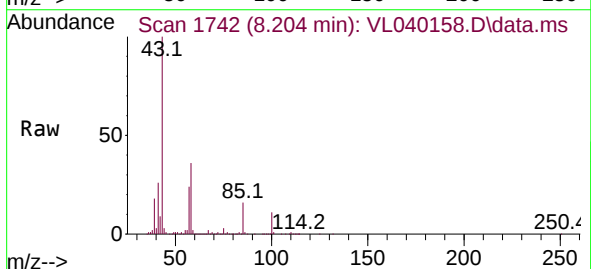
Acq: 13 Feb 2023 12:44

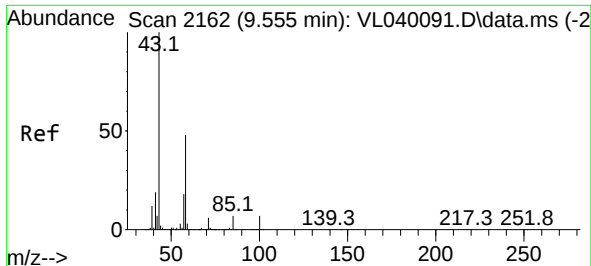
Tgt Ion: 43 Resp: 1890027

Ion Ratio Lower Upper

43 100

58 35.7 28.8 43.2

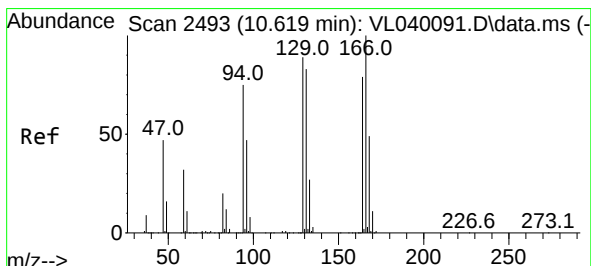
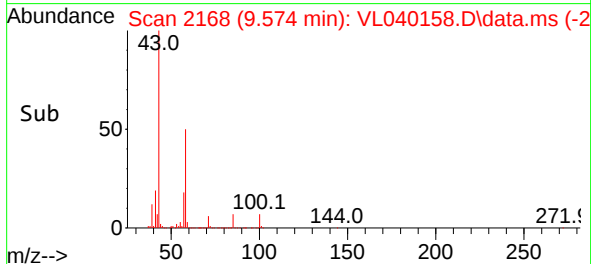
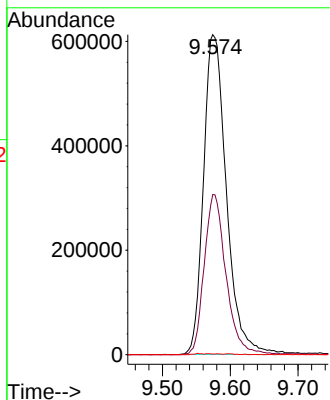
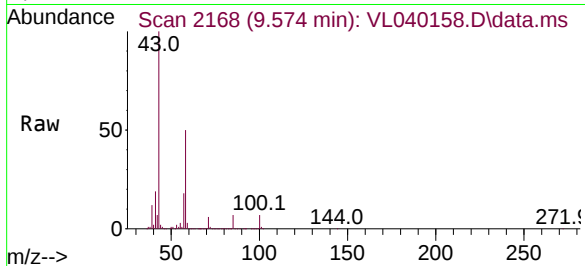




#51
2-Hexanone
Concen: 10.833 ppbv
RT: 9.574 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

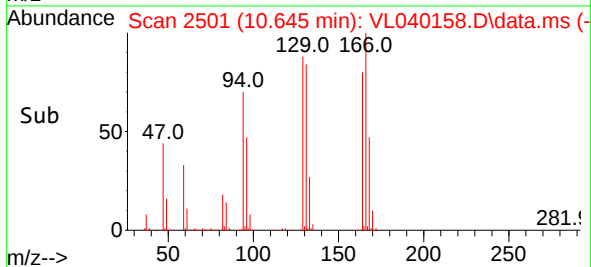
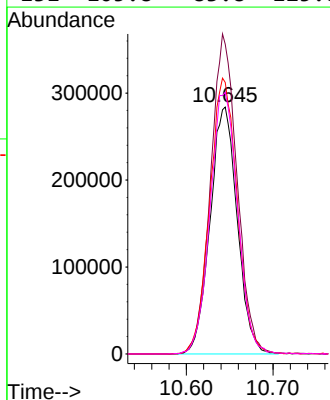
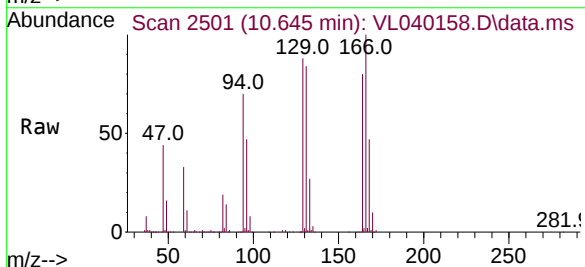
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

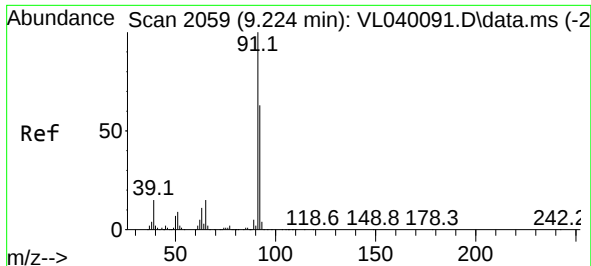
Tgt Ion: 43 Resp: 1436953
Ion Ratio Lower Upper
43 100
58 48.0 37.5 56.3
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 10.824 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:164 Resp: 616660
Ion Ratio Lower Upper
164 100
166 125.4 101.2 151.8
129 109.7 90.2 135.2
131 105.8 83.8 125.8





#53

Toluene

Concen: 11.196 ppbv

RT: 9.246 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

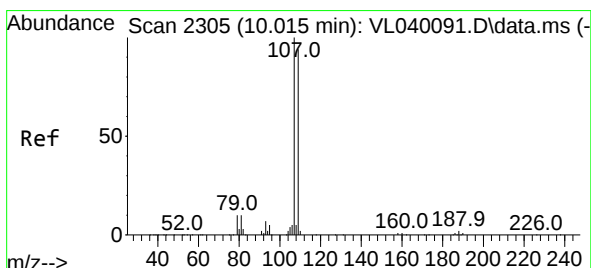
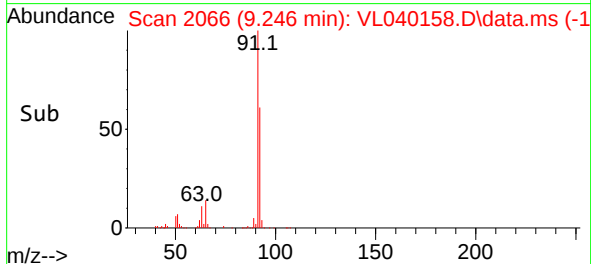
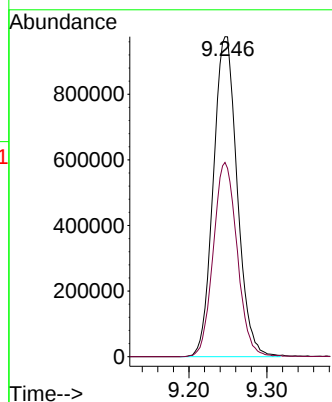
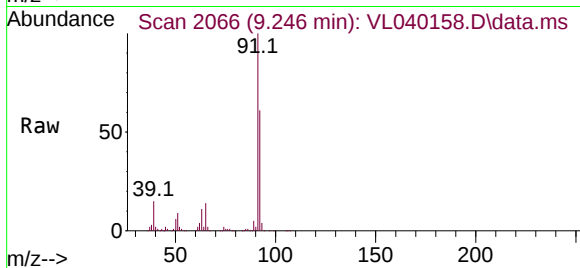
VSTDCCC010

Tgt Ion: 91 Resp: 2079600

Ion Ratio Lower Upper

91 100

92 60.7 48.3 72.5



#54

1,2-Dibromoethane

Concen: 11.004 ppbv

RT: 10.034 min Scan# 2311

Delta R.T. 0.000 min

Lab File: VL040158.D

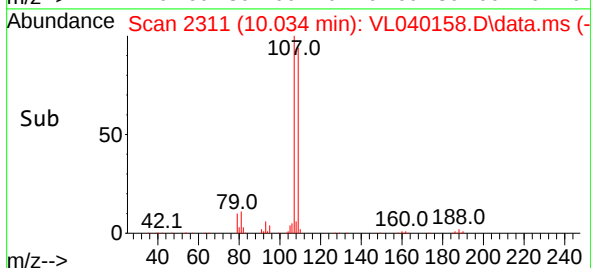
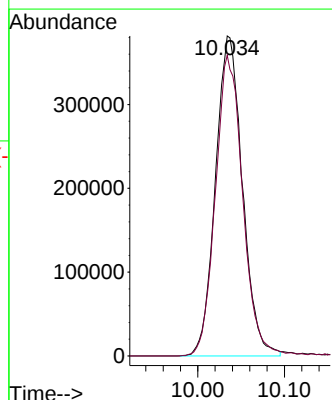
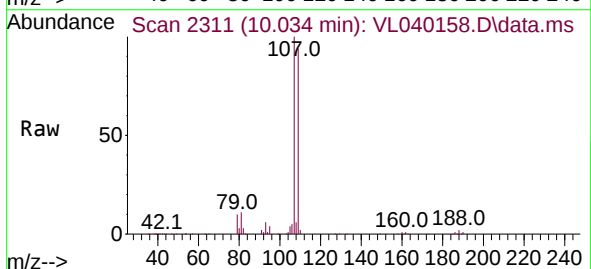
Acq: 13 Feb 2023 12:44

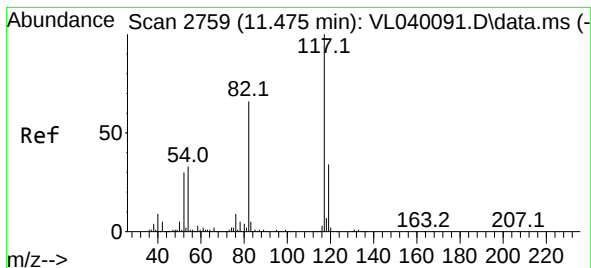
Tgt Ion: 107 Resp: 826185

Ion Ratio Lower Upper

107 100

109 93.9 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

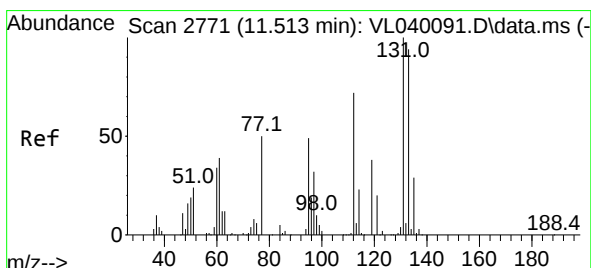
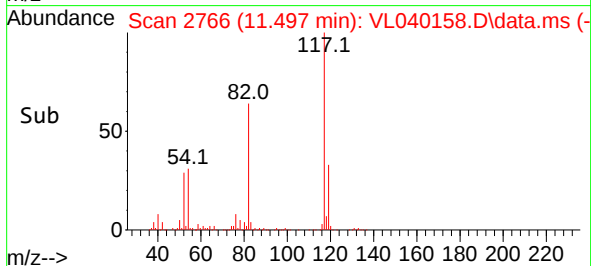
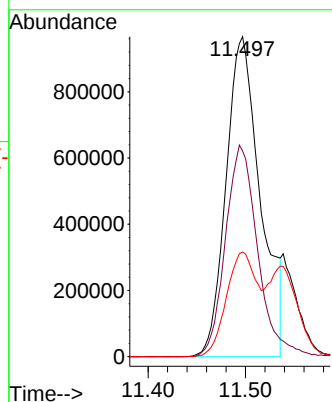
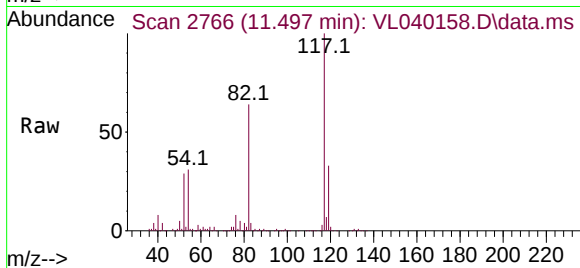
Tgt Ion:117 Resp: 2362306

Ion Ratio Lower Upper

117 100

82 62.5 54.4 81.6

119 28.9 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 9.924 ppbv

RT: 11.539 min Scan# 2779

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

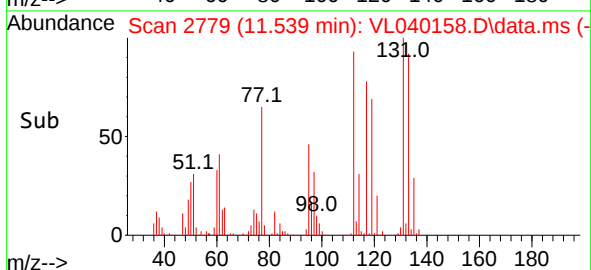
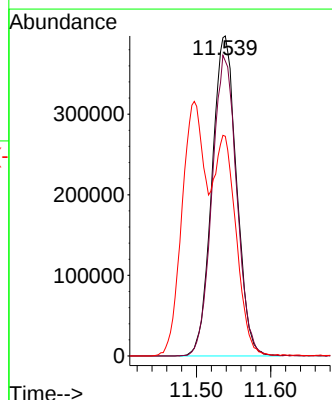
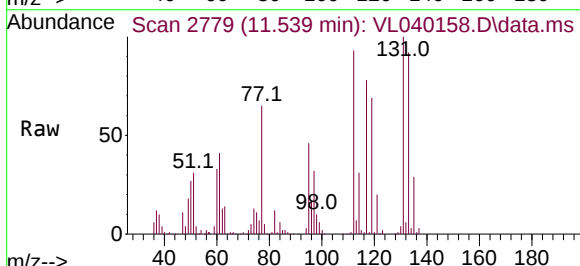
Tgt Ion:131 Resp: 912459

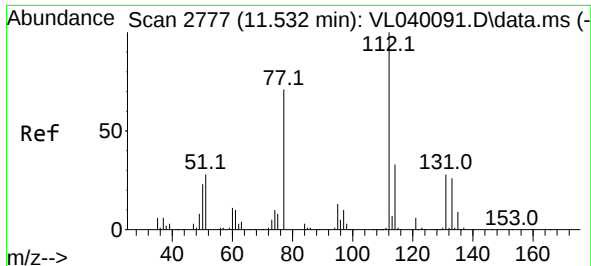
Ion Ratio Lower Upper

131 100

133 94.2 75.6 113.4

119 60.8 47.2 70.8





#57

Chlorobenzene

Concen: 9.710 ppbv

RT: 11.555 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

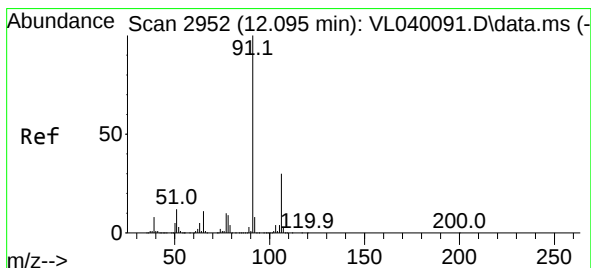
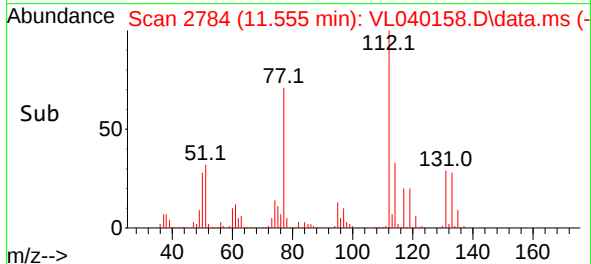
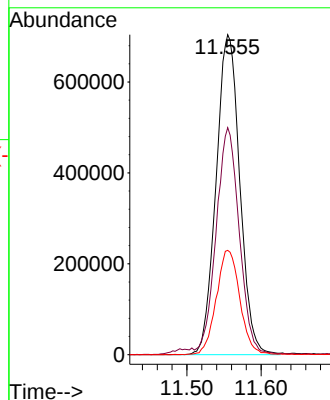
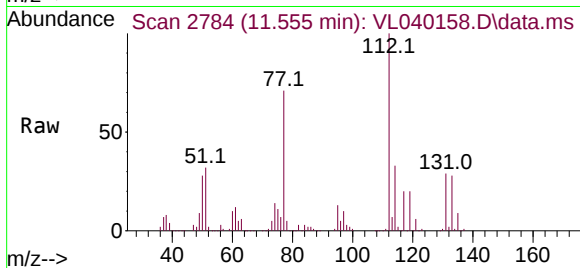
Tgt Ion:112 Resp: 1563581

Ion Ratio Lower Upper

112 100

77 70.5 57.3 85.9

114 32.6 29.6 36.2



#58

Ethyl Benzene

Concen: 10.508 ppbv

RT: 12.118 min Scan# 2959

Delta R.T. 0.000 min

Lab File: VL040158.D

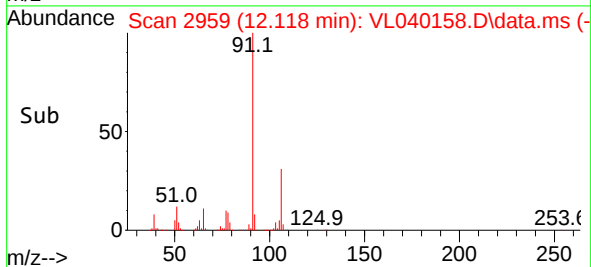
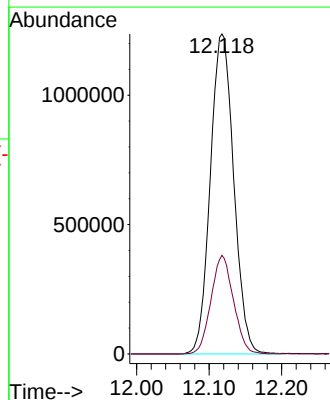
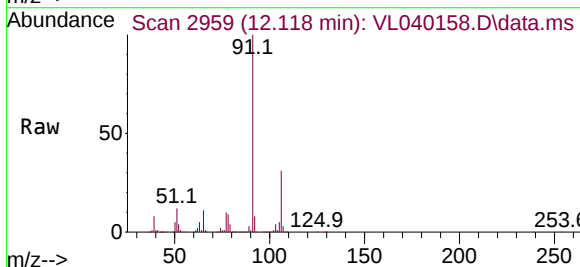
Acq: 13 Feb 2023 12:44

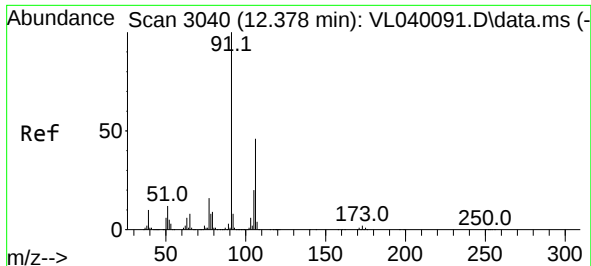
Tgt Ion: 91 Resp: 2770105

Ion Ratio Lower Upper

91 100

106 30.8 23.7 35.5





#59

m/p-Xylene

Concen: 9.875 ppbv

RT: 12.404 min Scan# 3040

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

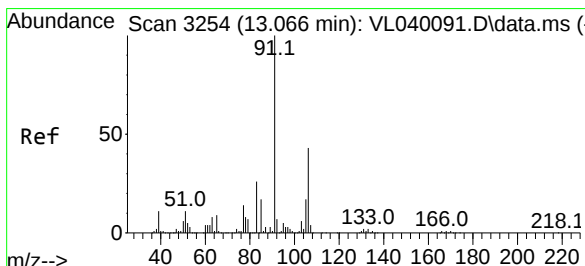
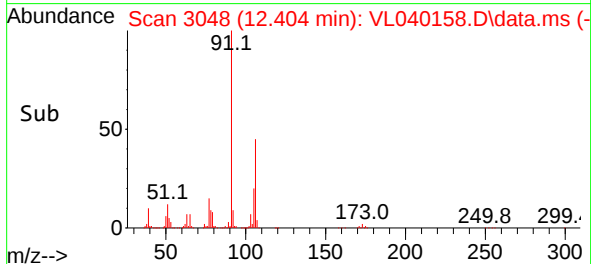
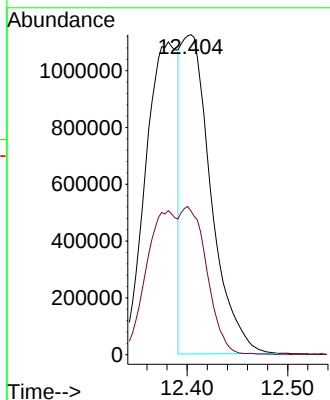
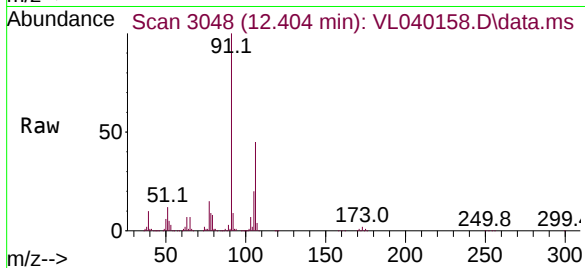
VSTDCCC010

Tgt Ion: 91 Resp: 2340636

Ion Ratio Lower Upper

91 100

106 87.2 34.2 51.4#



#60

o-Xylene

Concen: 10.079 ppbv

RT: 13.089 min Scan# 3261

Delta R.T. 0.000 min

Lab File: VL040158.D

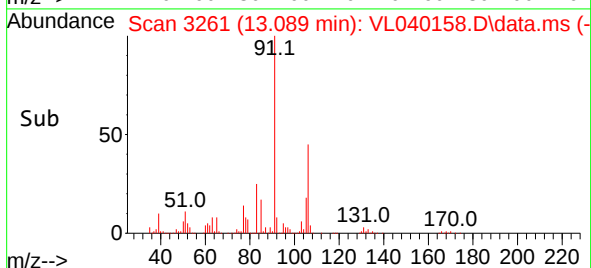
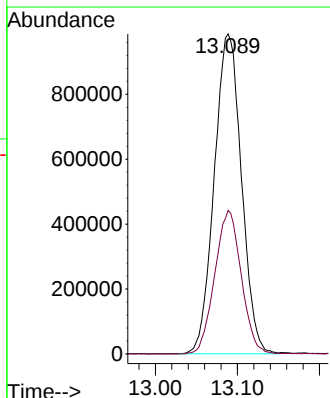
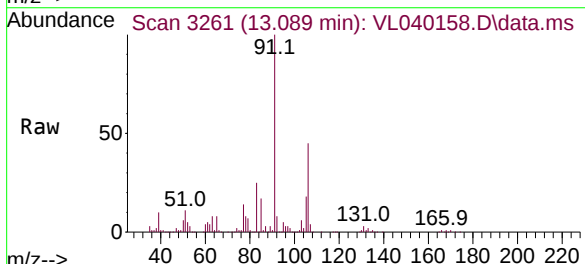
Acq: 13 Feb 2023 12:44

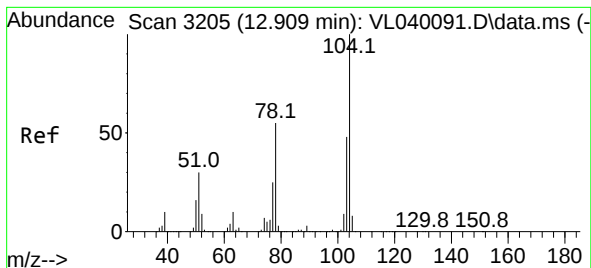
Tgt Ion: 91 Resp: 2267733

Ion Ratio Lower Upper

91 100

106 43.9 21.6 64.8





#61

Styrene

Concen: 10.964 ppbv

RT: 12.928 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

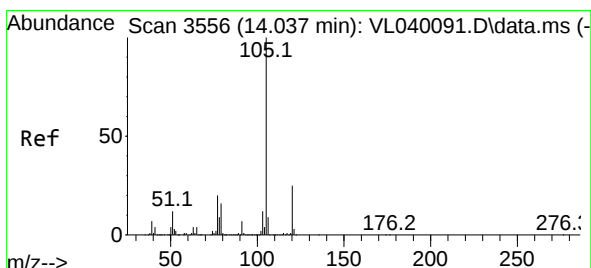
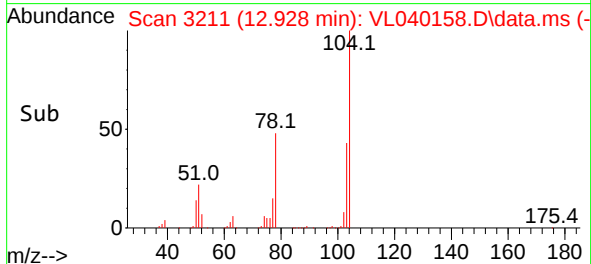
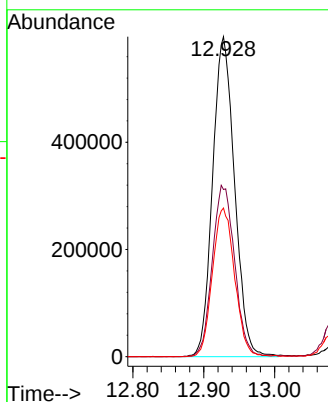
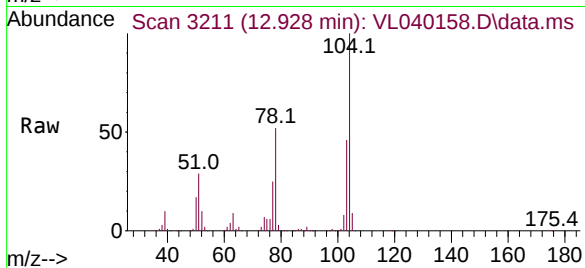
Tgt Ion:104 Resp: 1285400

Ion Ratio Lower Upper

104 100

78 54.8 44.0 66.0

103 47.1 37.8 56.6



#62

Isopropylbenzene

Concen: 9.846 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL040158.D

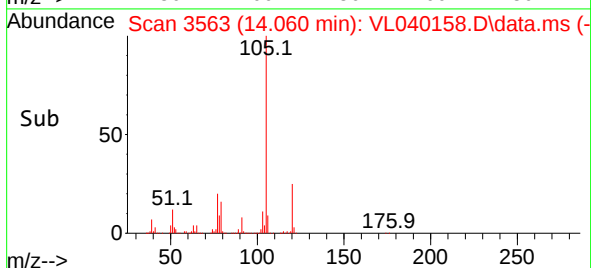
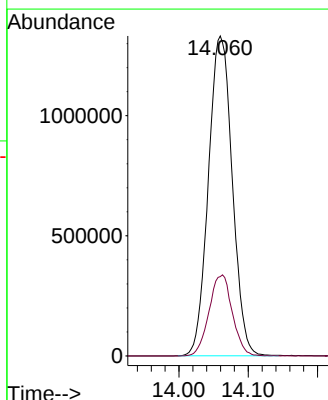
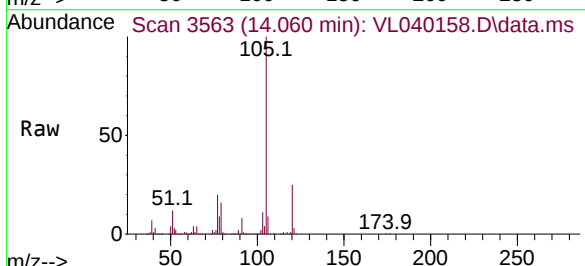
Acq: 13 Feb 2023 12:44

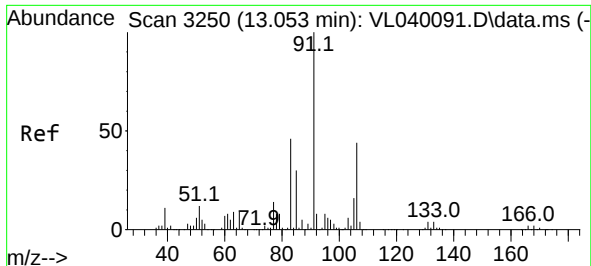
Tgt Ion:105 Resp: 3186160

Ion Ratio Lower Upper

105 100

120 24.8 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 9.133 ppbv

RT: 13.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

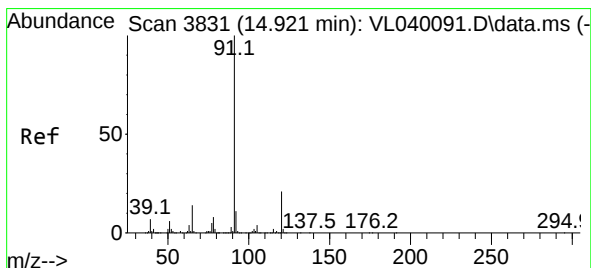
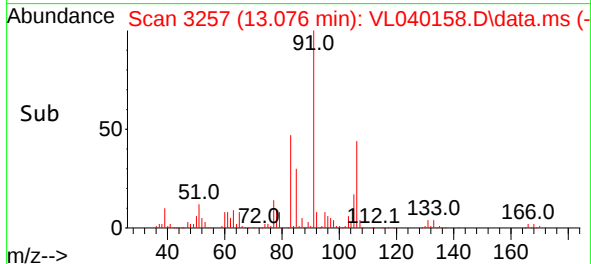
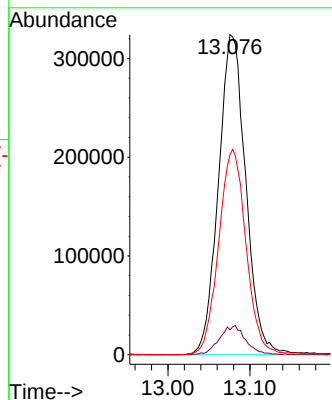
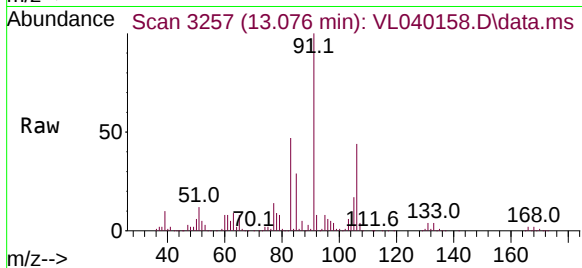
Tgt Ion: 83 Resp: 746069

Ion Ratio Lower Upper

83 100

131 8.8 4.3 13.1

85 65.0 32.5 97.5



#64

n-propylbenzene

Concen: 9.965 ppbv

RT: 14.947 min Scan# 3839

Delta R.T. 0.000 min

Lab File: VL040158.D

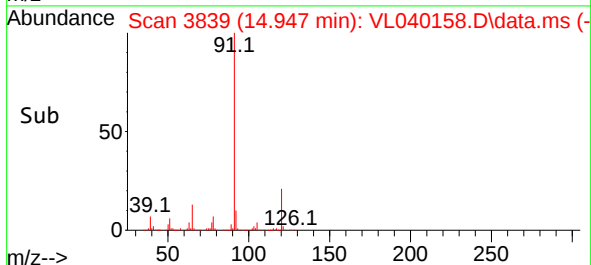
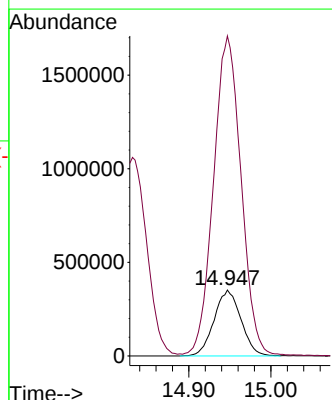
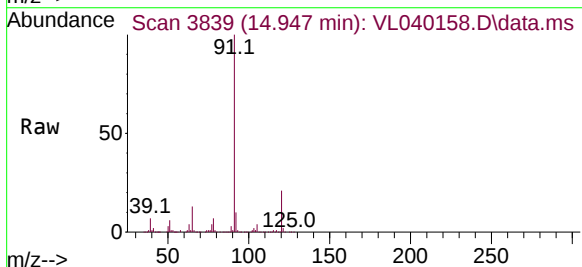
Acq: 13 Feb 2023 12:44

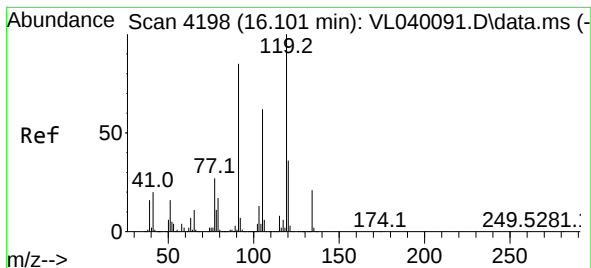
Tgt Ion:120 Resp: 801604

Ion Ratio Lower Upper

120 100

91 499.5 397.0 595.4

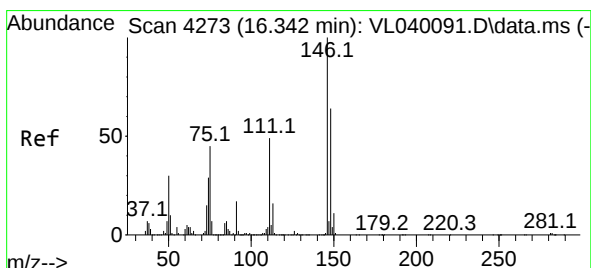
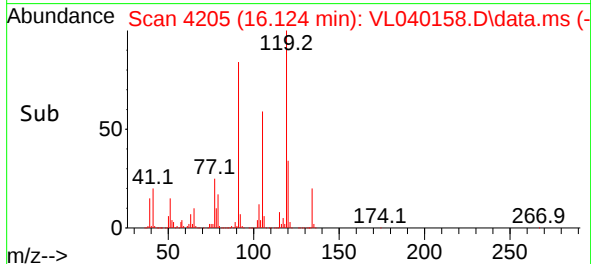
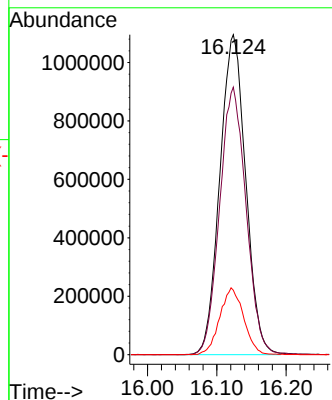
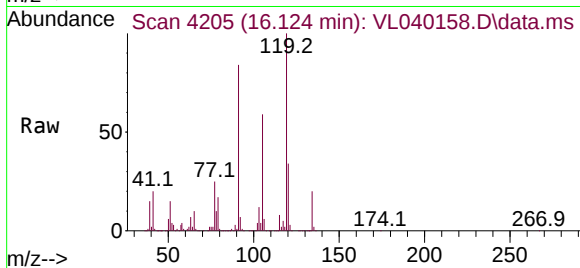




#65
tert-Butylbenzene
Concen: 10.247 ppbv
RT: 16.124 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

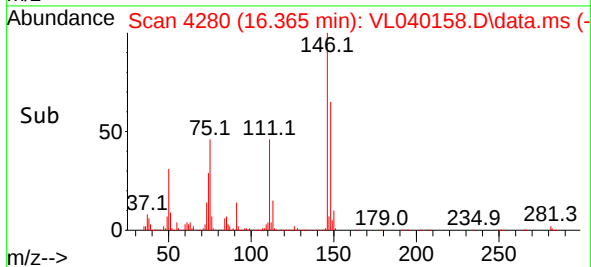
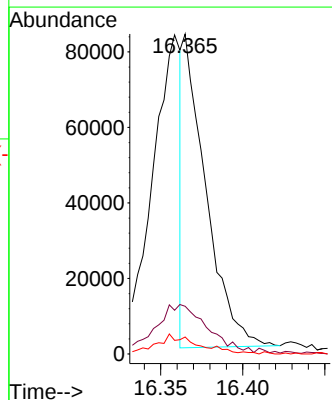
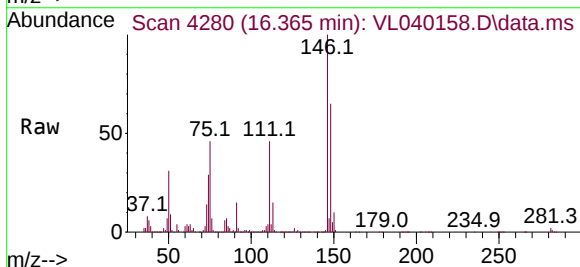
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

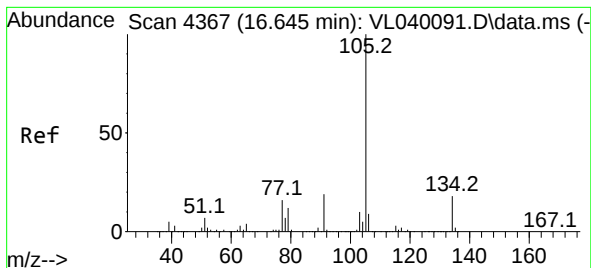
Tgt Ion:119 Resp: 2838979
Ion Ratio Lower Upper
119 100
91 85.4 69.5 104.3
134 19.4 15.8 23.8



#66
Benzyl Chloride
Concen: 4.253 ppbv
RT: 16.365 min Scan# 4280
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion: 91 Resp: 80529
Ion Ratio Lower Upper
91 100
126 38.6 11.5 17.3#
128 0.0 0.0 0.0





#67

sec-Butylbenzene

Concen: 10.163 ppbv

RT: 16.667 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_1

ClientSampleId :

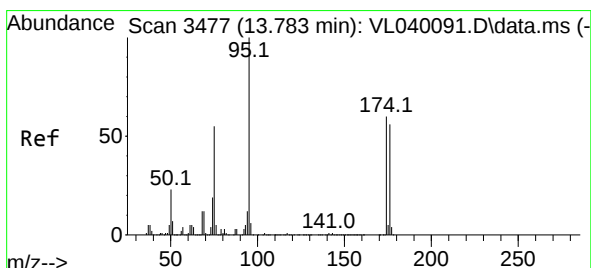
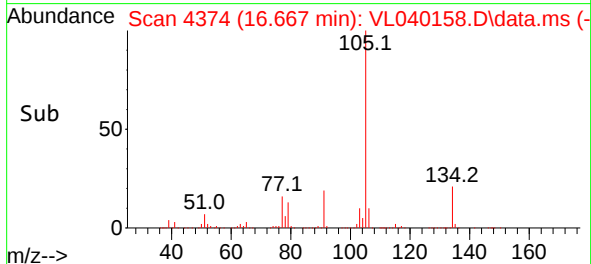
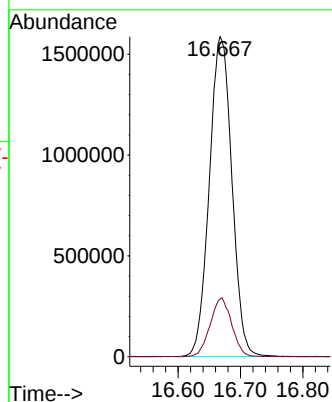
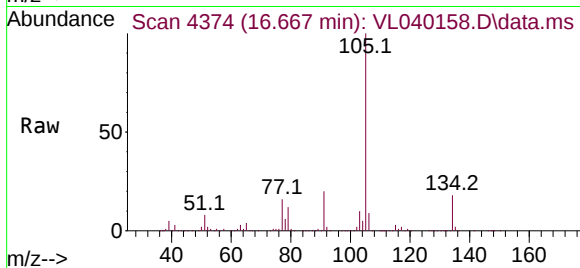
VSTDCCC010

Tgt Ion:105 Resp: 3991942

Ion Ratio Lower Upper

105 100

134 17.5 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 8.936 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

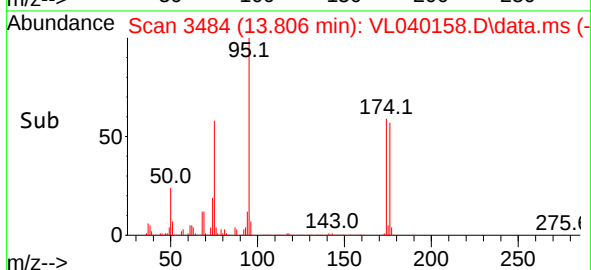
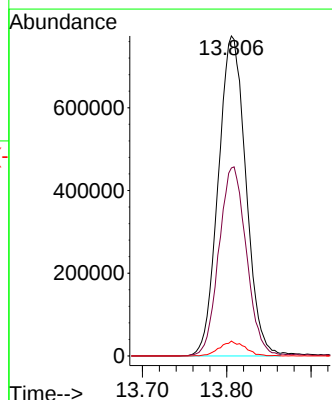
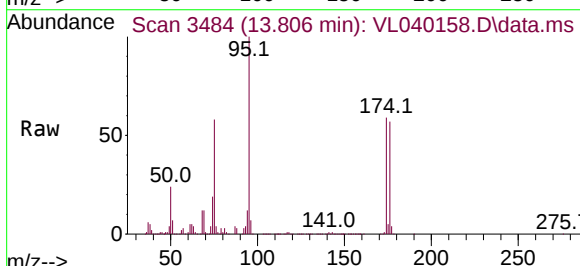
Tgt Ion: 95 Resp: 1754387

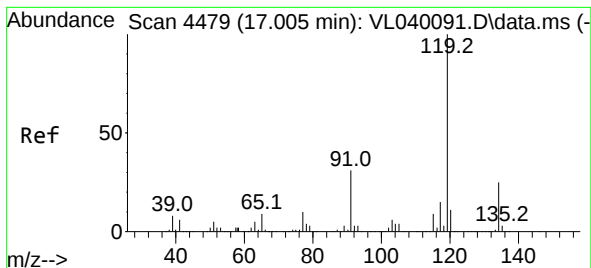
Ion Ratio Lower Upper

95 100

174 59.6 47.7 71.5

175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.073 ppbv

RT: 17.027 min Scan# 4479

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

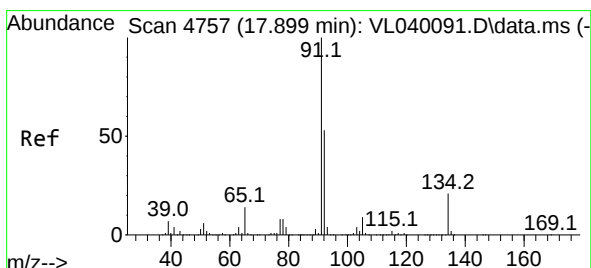
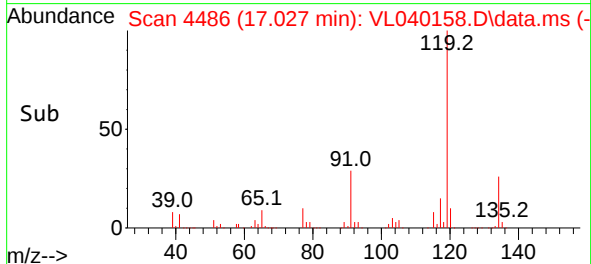
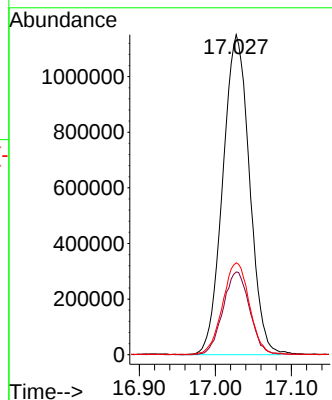
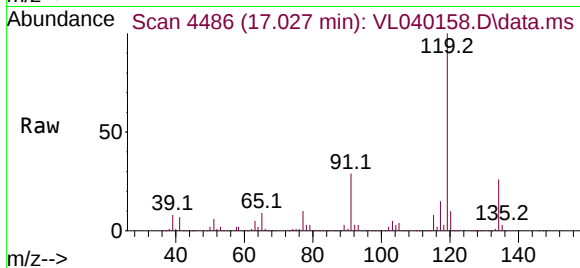
Tgt Ion:119 Resp: 2800588

Ion Ratio Lower Upper

119 100

134 25.9 20.1 30.1

91 29.1 25.0 37.4



#70

n-Butylbenzene

Concen: 8.880 ppbv

RT: 17.918 min Scan# 4763

Delta R.T. 0.000 min

Lab File: VL040158.D

Acq: 13 Feb 2023 12:44

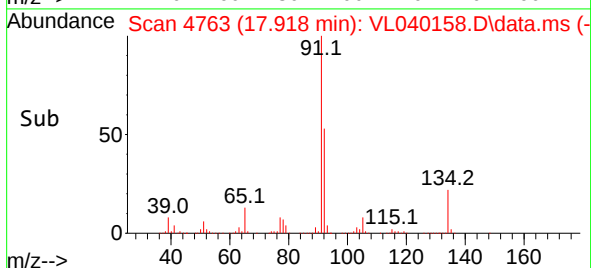
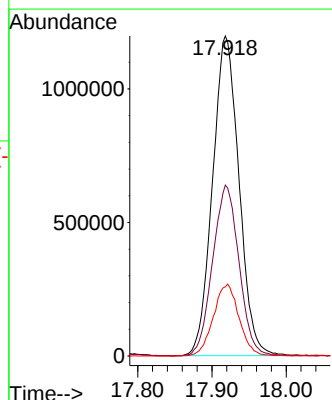
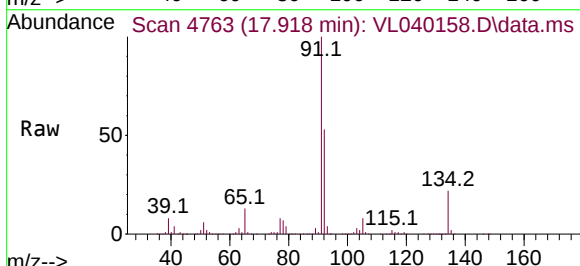
Tgt Ion: 91 Resp: 2955643

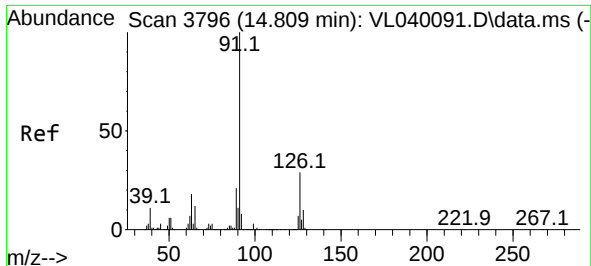
Ion Ratio Lower Upper

91 100

92 53.5 42.8 64.2

134 22.0 16.9 25.3

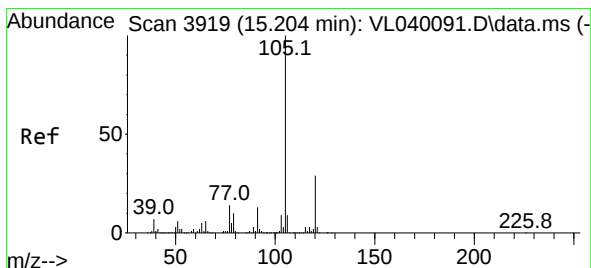
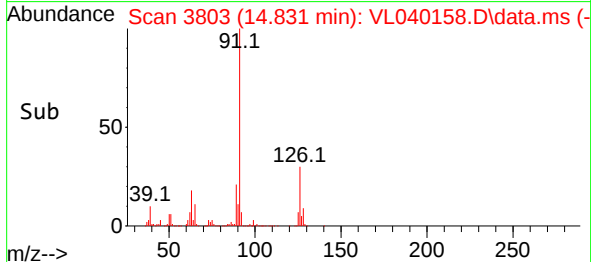
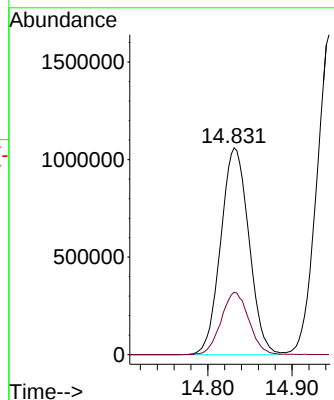
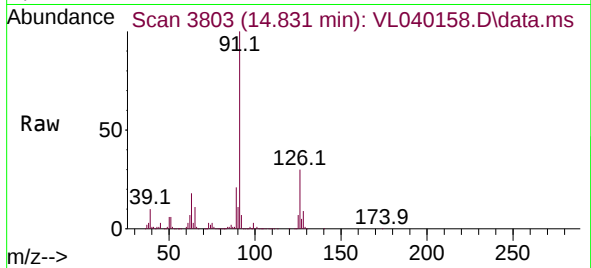




#71
2-Chlorotoluene
Concen: 9.890 ppbv
RT: 14.831 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

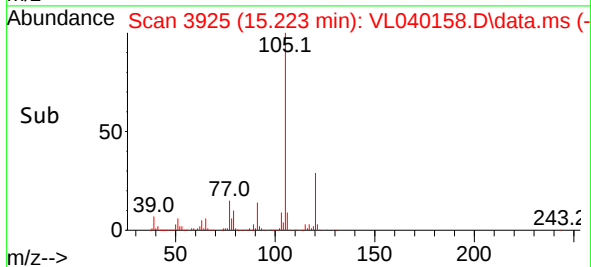
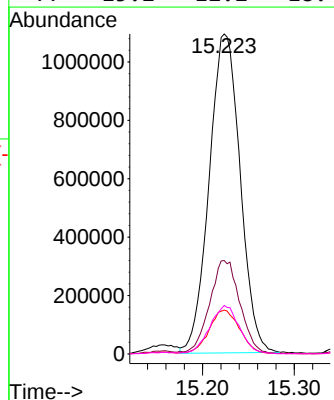
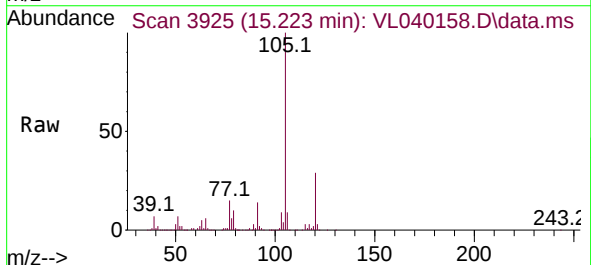
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

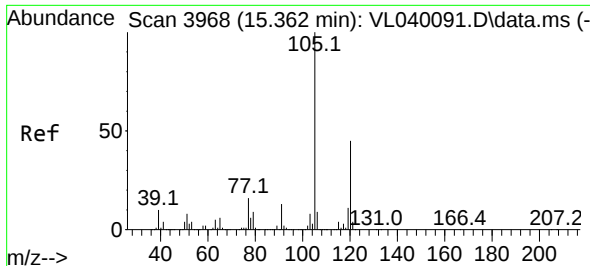
Tgt Ion: 91 Resp: 2461480
Ion Ratio Lower Upper
91 100
126 29.9 11.9 47.5



#72
4-Ethyltoluene
Concen: 10.252 ppbv
RT: 15.223 min Scan# 3925
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:105 Resp: 2559468
Ion Ratio Lower Upper
105 100
120 29.0 23.1 34.7
91 14.1 11.2 16.8
77 15.2 12.2 18.4

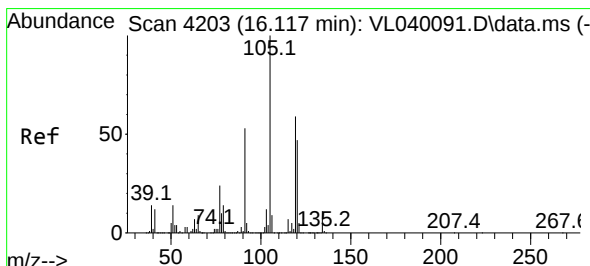
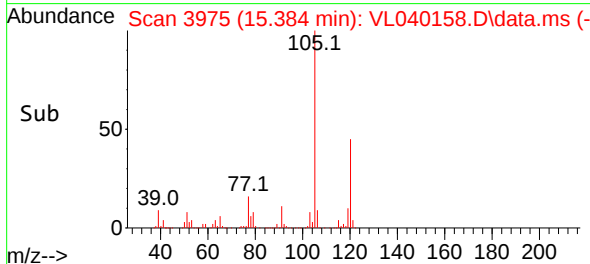
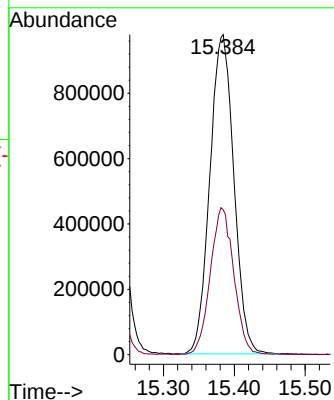
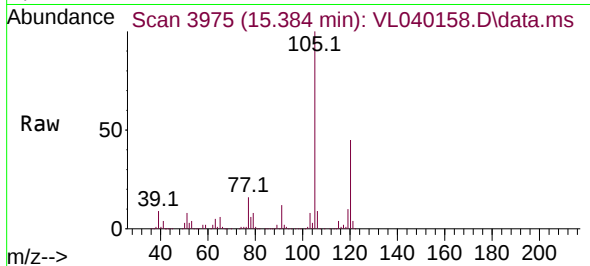




#73
1,3,5-Trimethylbenzene
Concen: 10.244 ppbv
RT: 15.384 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

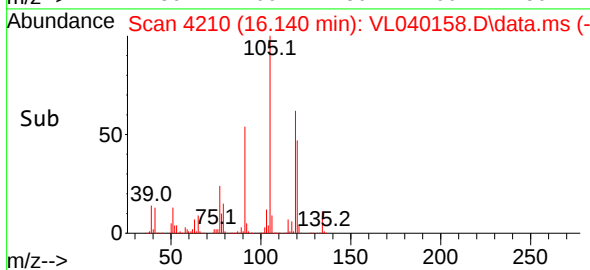
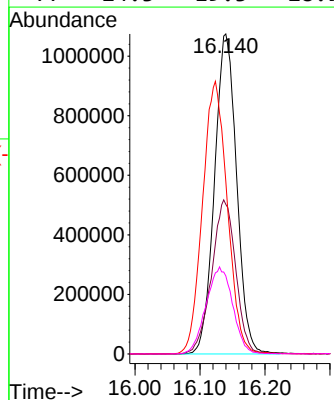
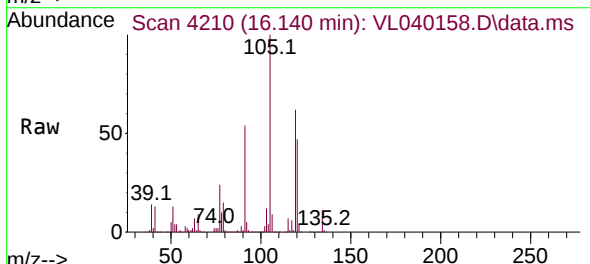
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

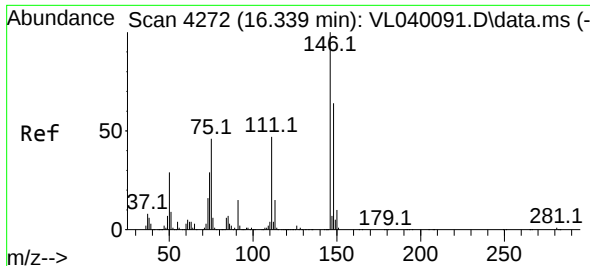
Tgt Ion:105 Resp: 2302780
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.4



#74
1,2,4-Trimethylbenzene
Concen: 10.177 ppbv
RT: 16.140 min Scan# 4210
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:105 Resp: 2534153
Ion Ratio Lower Upper
105 100
120 46.7 38.0 57.0
91 53.8 42.1 63.1
77 24.3 19.3 28.9

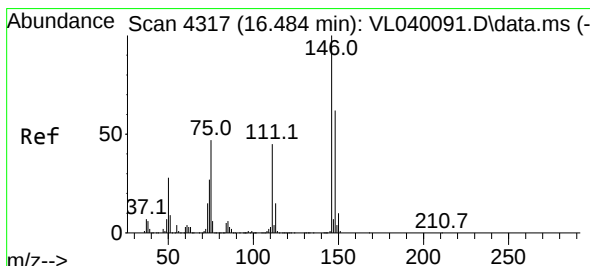
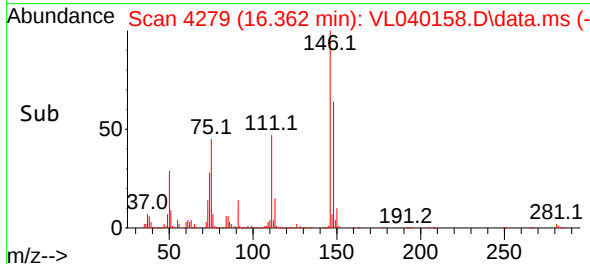
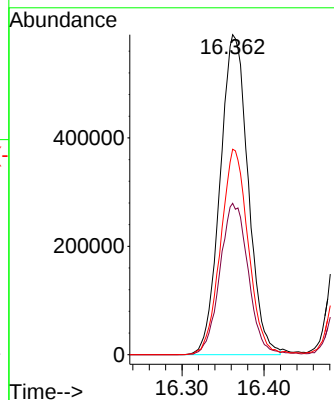
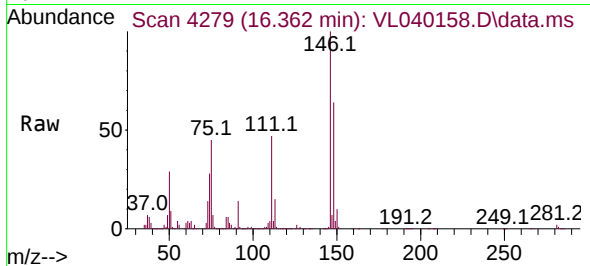




#75
1,3-Dichlorobenzene
Concen: 10.129 ppbv
RT: 16.362 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

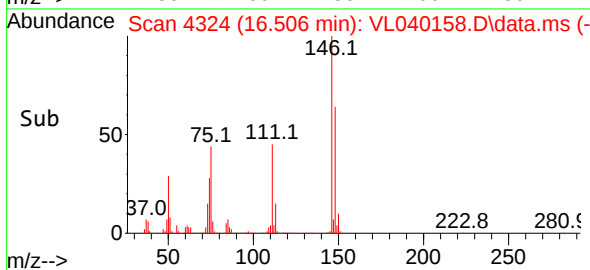
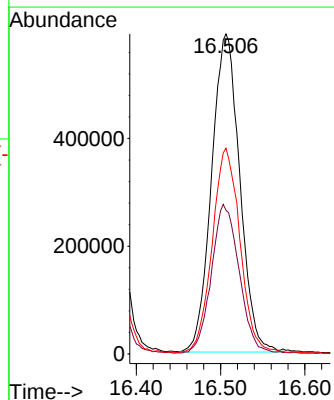
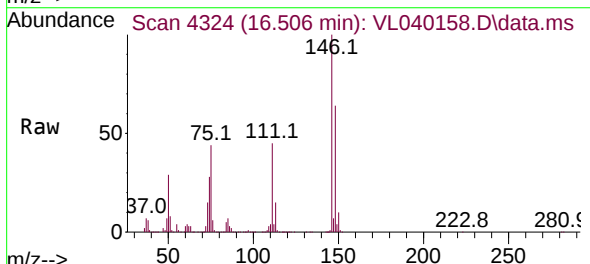
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

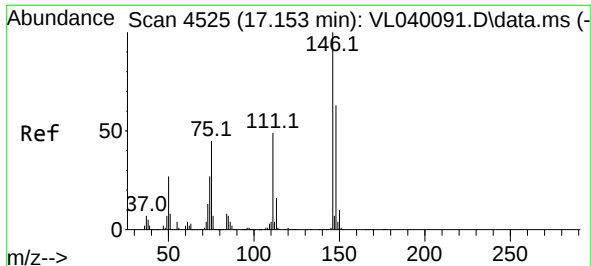
Tgt Ion:146 Resp: 1400832
Ion Ratio Lower Upper
146 100
111 48.0 24.3 73.0
148 63.6 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 10.082 ppbv
RT: 16.506 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:146 Resp: 1371003
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.2
148 64.4 32.8 98.4

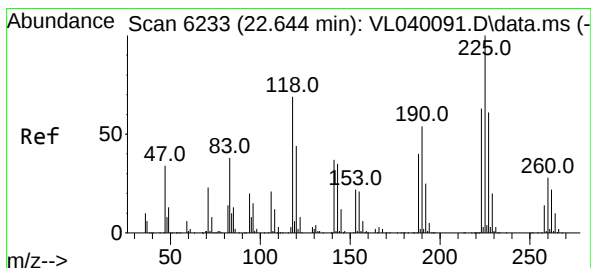
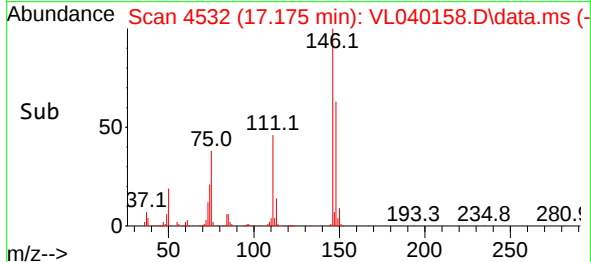
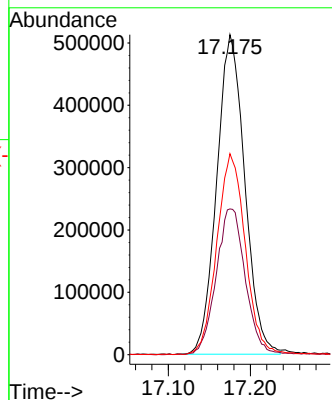
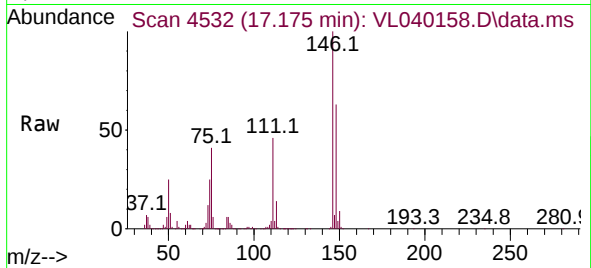




#77
1,2-Dichlorobenzene
Concen: 9.215 ppbv
RT: 17.175 min Scan# 4532
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

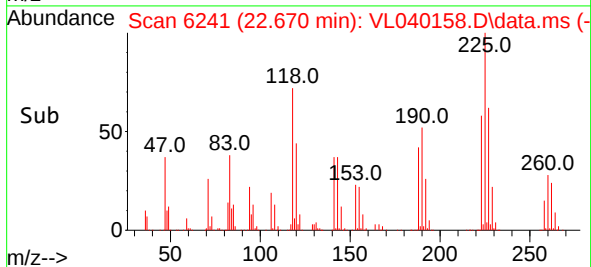
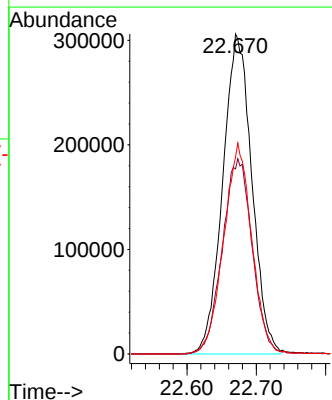
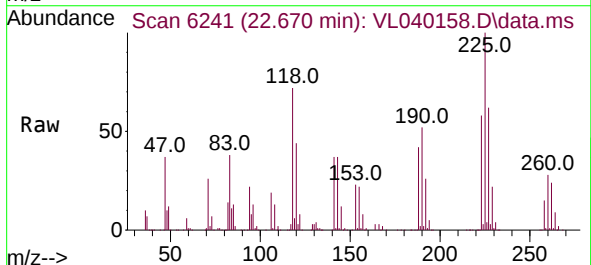
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

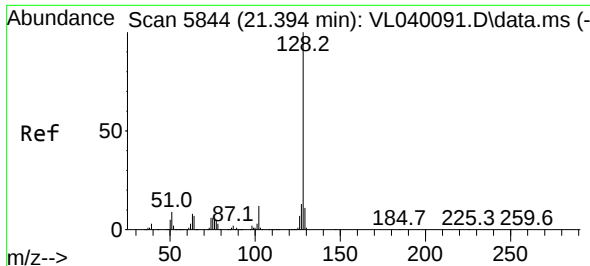
Tgt Ion:146 Resp: 1218679
Ion Ratio Lower Upper
146 100
111 47.9 25.1 75.2
148 64.1 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 9.184 ppbv
RT: 22.670 min Scan# 6241
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:225 Resp: 889714
Ion Ratio Lower Upper
225 100
223 62.7 51.5 77.3
227 64.1 50.6 76.0

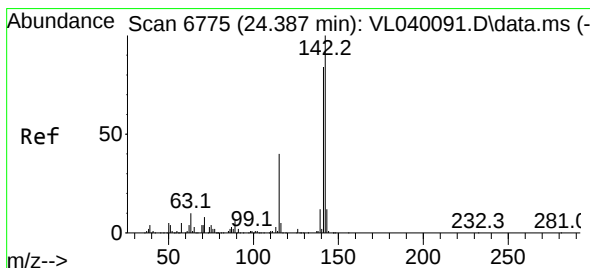
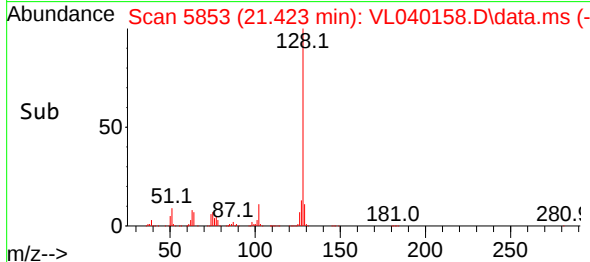
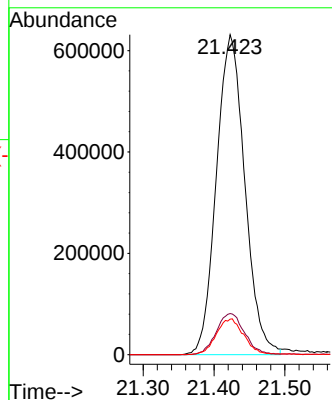
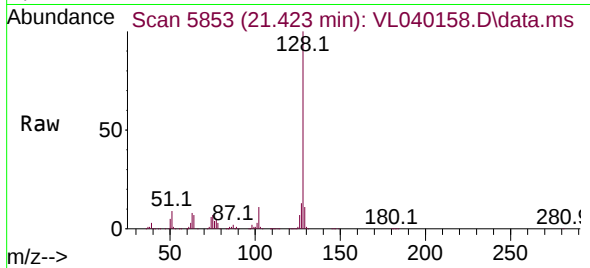




#79
Naphthalene
Concen: 12.321 ppbv
RT: 21.423 min Scan# 5853
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

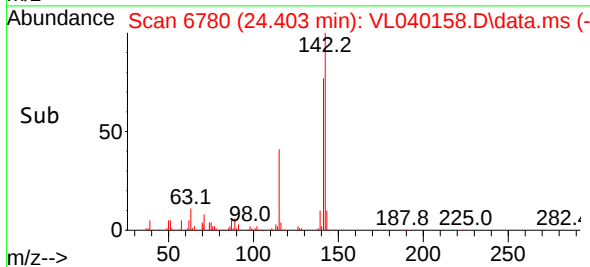
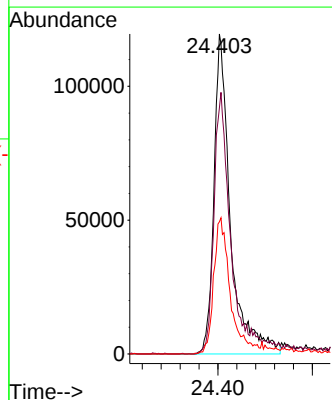
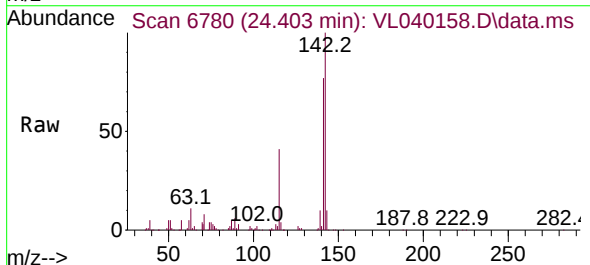
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

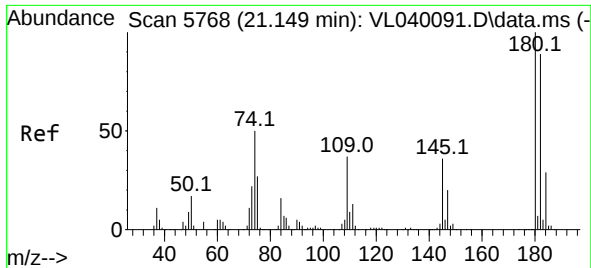
Tgt Ion:128 Resp: 1757525
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 6.046 ppbv
RT: 24.403 min Scan# 6780
Delta R.T. 0.000 min
Lab File: VL040158.D
Acq: 13 Feb 2023 12:44

Tgt Ion:142 Resp: 290625
Ion Ratio Lower Upper
142 100
141 86.9 65.0 97.6
115 41.9 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 10.446 ppbv

RT: 21.178 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040158.D

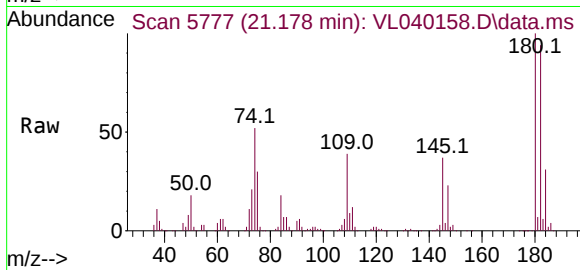
Acq: 13 Feb 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 918463

Ion Ratio Lower Upper

180 100

182 96.6 78.6 117.8

184 31.0 25.1 37.7

