

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040059.D
 Acq On : 20 Dec 2022 16:48
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Dec 21 03:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	934050	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2526967	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2471059	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1851569	9.809	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1447223	8.277	ppbv	100
3) Chlorodifluoromethane	2.652	51	1128319	8.187	ppbv	98
4) Chloromethane	2.790	50	624328	7.230	ppbv	100
5) Vinyl Chloride	2.896	62	594517	8.509	ppbv	99
6) Bromomethane	3.095	94	259023	10.090	ppbv	99
7) Chloroethane	3.173	64	216420	8.210	ppbv	97
8) Dichlorotetrafluoroethane	2.835	85	1515785	8.240	ppbv	98
9) Propene	2.671	41	461100	7.884	ppbv	98
10) Heptane	7.552	43	1149307	8.052	ppbv	99
11) Trichlorofluoromethane	3.536	101	1573308	8.281	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.041	101	1165174	8.098	ppbv	100
13) Ethanol	3.221	45	22306	4.052	ppbv	77
14) Bromoethene	3.343	108	459218	8.475	ppbv	100
15) Acetone	3.443	43	1169851	8.096	ppbv	98
16) 1,3-Butadiene	2.960	39	536139	8.536	ppbv	98
17) tert-Butyl alcohol	3.851	59	1191645	8.365	ppbv	100
18) 1,1-Dichloroethene	3.854	96	506325	8.084	ppbv	96
19) Isopropyl Alcohol	3.549	45	513097	7.206	ppbv #	98
20) Methylene Chloride	3.906	84	444856	7.243	ppbv	98
21) Allyl Chloride	3.970	41	696922	8.027	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	509267	8.159	ppbv	94
23) Vinyl Acetate	4.597	43	188883	4.123	ppbv #	96
24) 1,1-Dichloroethane	4.539	63	1063427	7.905	ppbv	99
25) Ethyl Acetate	5.176	43	2382596	9.521	ppbv	99
26) Hexane	5.185	57	891187	8.474	ppbv	89
27) Carbon Disulfide	4.099	76	1184266	8.927	ppbv	99
28) Methyl tert-Butyl Ether	4.562	73	981510	7.918	ppbv	99
29) Chloroform	5.246	83	1520369	9.473	ppbv	98
30) Cyclohexane	6.574	84	769900	8.266	ppbv	99
31) cis-1,2-Dichloroethene	5.054	61	803965	8.027	ppbv	99
32) 1,1,1-Trichloroethane	5.976	97	1528255	8.894	ppbv	99
34) 2-Butanone	4.758	43	1178509	8.597	ppbv	99
35) Carbon Tetrachloride	6.468	117	1572708	10.020	ppbv	96
36) Benzene	6.343	78	1929623	8.550	ppbv	98
37) 1,2-Dichloroethane	5.780	62	1165718	8.805	ppbv	98
38) Trichloroethene	7.266	130	898769	7.750	ppbv	95
39) 1,2-Dichloropropane	7.044	63	737748	8.721	ppbv	98
40) 1,4-Dioxane	7.262	88	303904	7.971	ppbv	84
41) Tetrahydrofuran	5.533	42	730569	8.538	ppbv	99
42) Bromodichloromethane	7.224	83	1694670	9.344	ppbv	95
43) Methyl Methacrylate	7.446	69	791278	9.342	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	3177606	8.553	ppbv	99
45) t-1,3-Dichloropropene	8.684	75	632273	8.832	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040059.D
 Acq On : 20 Dec 2022 16:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

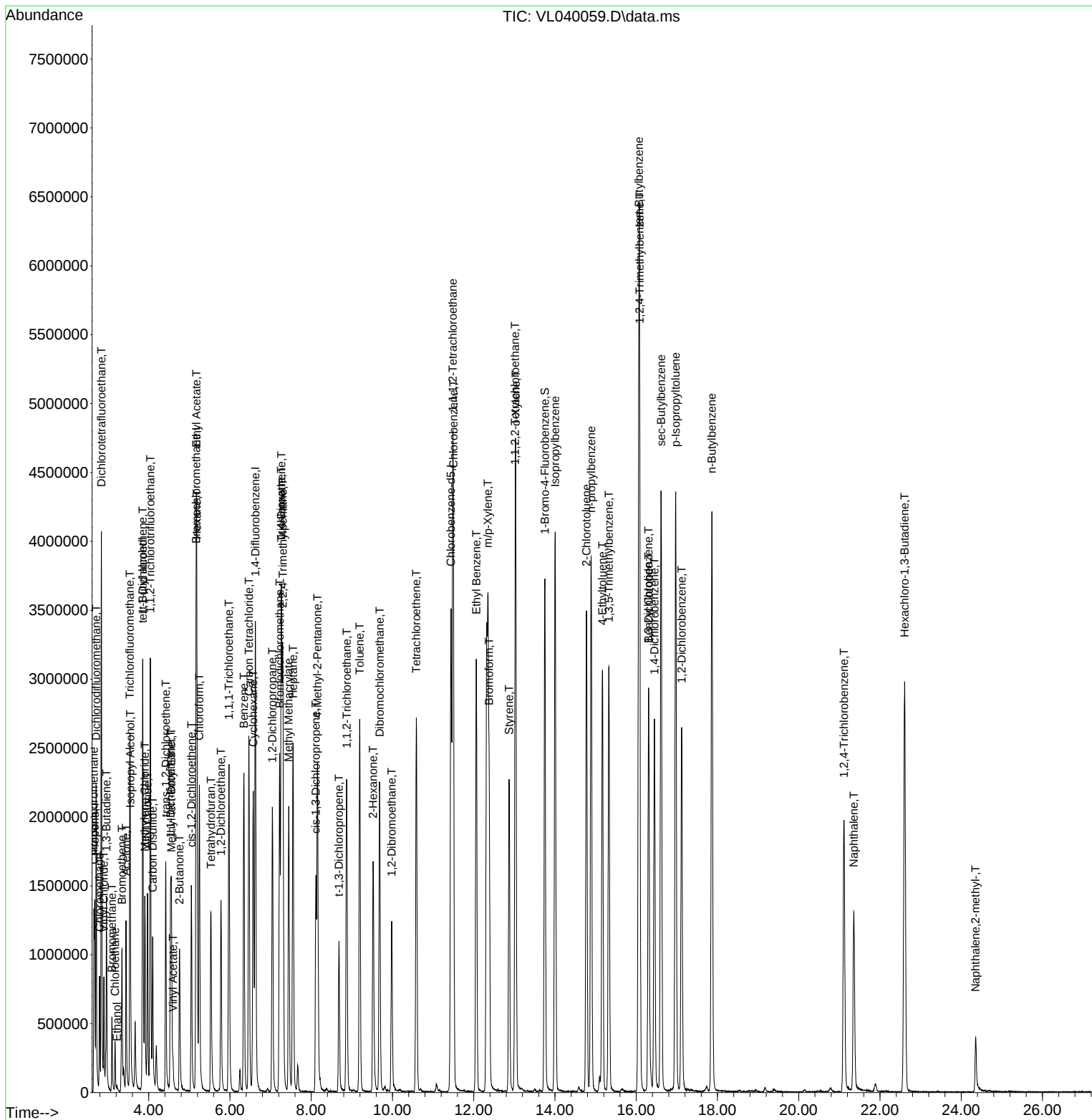
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 ClientSampleId :
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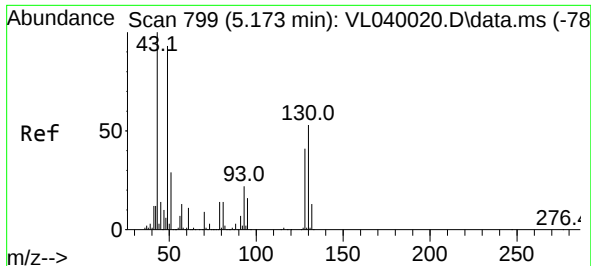
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.115	75	914011	9.053	ppbv	98
47) 1,1,2-Trichloroethane	8.877	97	800059	8.636	ppbv	97
48) Dibromochloromethane	9.684	129	1358435	9.642	ppbv	99
49) Bromoform	12.378	173	1063086	9.891	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	1996360	8.914	ppbv	100
51) 2-Hexanone	9.523	43	1530023	8.783	ppbv #	100
52) Tetrachloroethene	10.587	164	629612	8.205	ppbv	97
53) Toluene	9.195	91	2194060	8.781	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1019026	10.215	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.484	131	1035412	9.084	ppbv	98
57) Chlorobenzene	11.500	112	1651631	7.874	ppbv	93
58) Ethyl Benzene	12.063	91	2971320	8.463	ppbv	99
59) m/p-Xylene	12.349	91	2446698	7.999	ppbv #	31
60) o-Xylene	13.034	91	2456637	8.384	ppbv	99
61) Styrene	12.873	104	1355546	8.625	ppbv	99
62) Isopropylbenzene	14.005	105	3635903	8.606	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.021	83	1353304	12.597	ppbv	99
64) n-propylbenzene	14.889	120	922315	8.643	ppbv	97
65) tert-Butylbenzene	16.066	119	3186913	8.681	ppbv	98
66) Benzyl Chloride	16.304	91	133296	6.226	ppbv	98
67) sec-Butylbenzene	16.613	105	4489875	8.727	ppbv	100
69) p-Isopropyltoluene	16.973	119	3561951	8.667	ppbv	100
70) n-Butylbenzene	17.860	91	3755875	8.723	ppbv	100
71) 2-Chlorotoluene	14.777	91	2762593	8.571	ppbv	100
72) 4-Ethyltoluene	15.169	105	2743493	8.432	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	2452199	8.357	ppbv	95
74) 1,2,4-Trimethylbenzene	16.085	105	2647082	8.184	ppbv	97
75) 1,3-Dichlorobenzene	16.304	146	1401893	7.921	ppbv	99
76) 1,4-Dichlorobenzene	16.449	146	1359122	7.866	ppbv	98
77) 1,2-Dichlorobenzene	17.121	146	1364342	8.038	ppbv	100
78) Hexachloro-1,3-Butadiene	22.606	225	832125	7.067	ppbv #	100
79) Naphthalene	21.355	128	1626660	8.440	ppbv	98
80) Naphthalene,2-methyl-	24.355	142	282935	4.798	ppbv	94
81) 1,2,4-Trichlorobenzene	21.111	180	441809	3.859	ppbv #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
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Response via : Initial Calibration

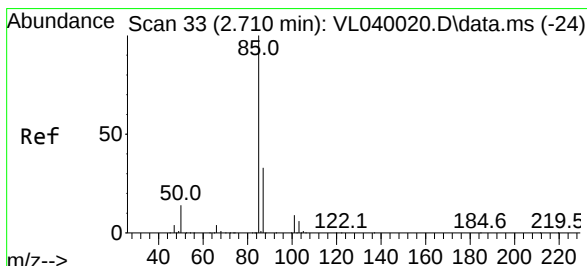
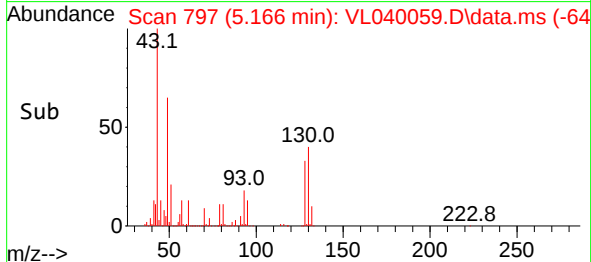
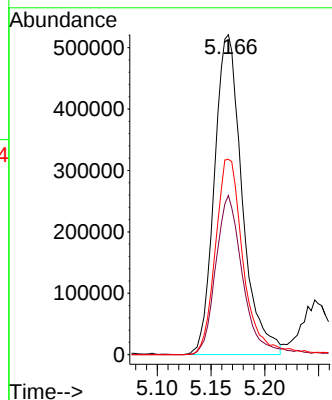
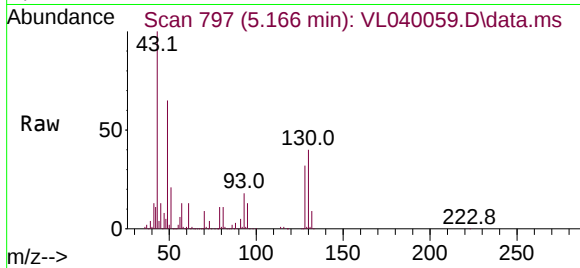




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.166 min Scan# 799
 Delta R.T. -0.007 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

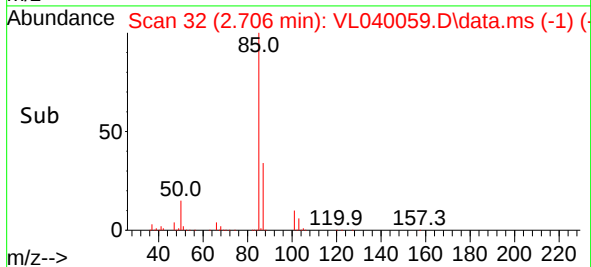
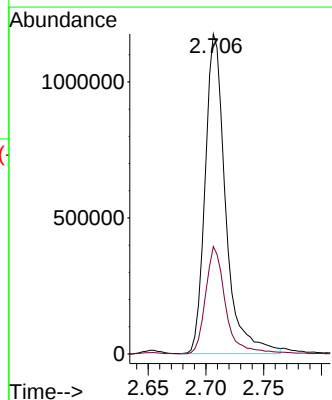
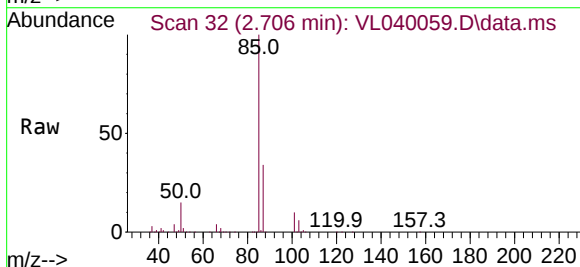
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 ClientSampleId :
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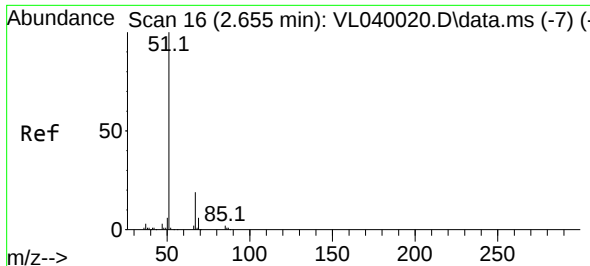
Tgt Ion: 49 Resp: 934050
 Ion Ratio Lower Upper
 49 100
 128 49.3 22.4 67.3
 130 63.2 28.9 86.8



#2
 Dichlorodifluoromethane
 Concen: 8.277 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 85 Resp: 1447223
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.6 40.0

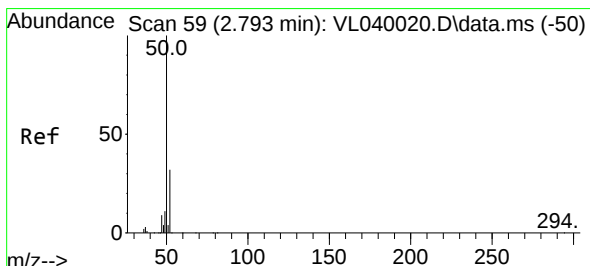
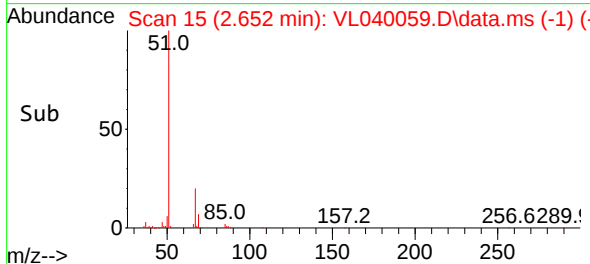
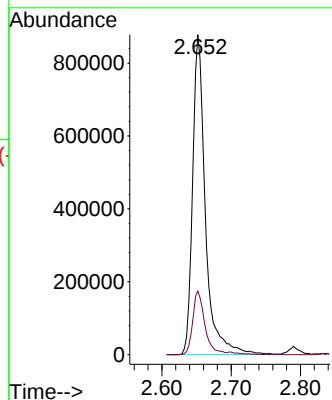
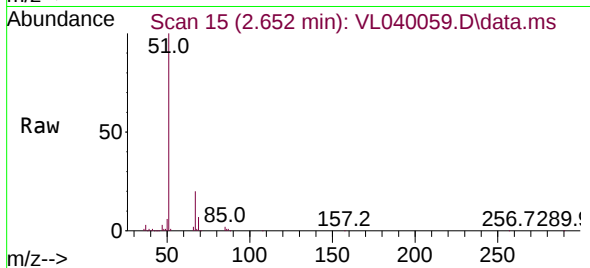




#3
Chlorodifluoromethane
Concen: 8.187 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

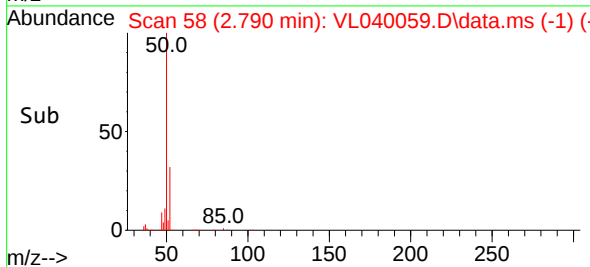
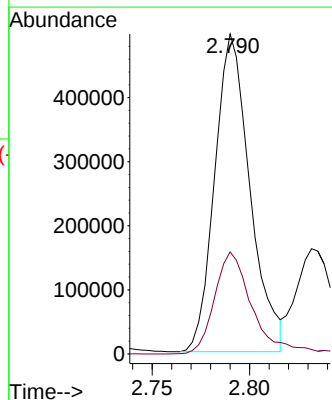
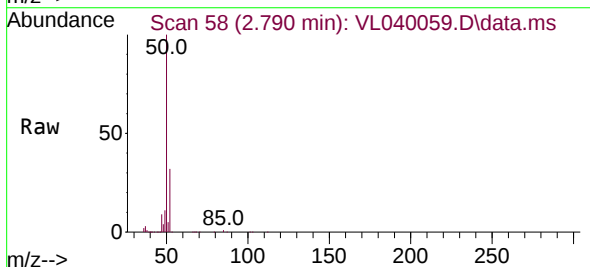
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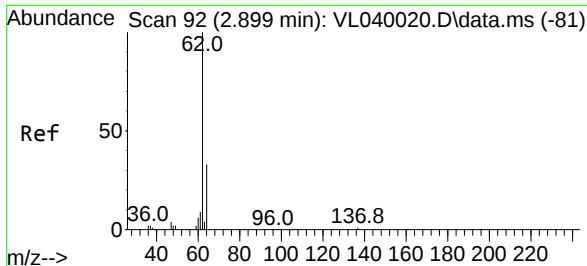
Tgt Ion: 51 Resp: 1128319
Ion Ratio Lower Upper
51 100
67 19.8 15.3 22.9



#4
Chloromethane
Concen: 7.230 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 50 Resp: 624328
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

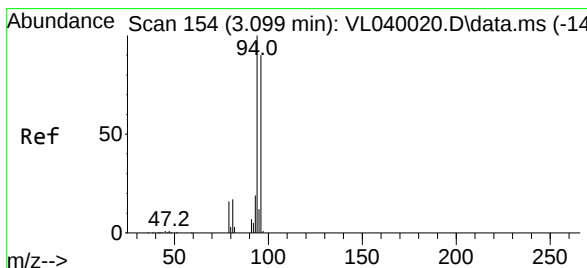
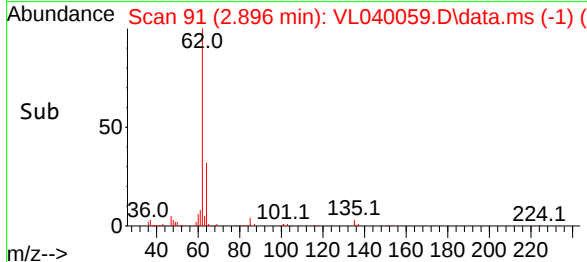
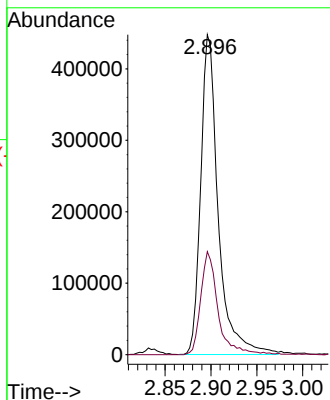
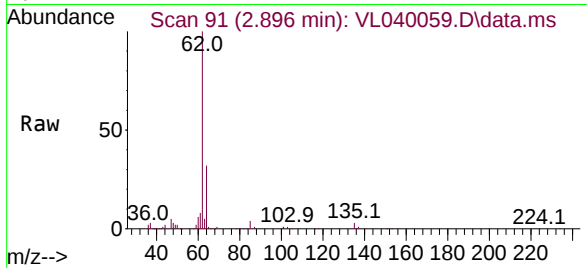




#5
 Vinyl Chloride
 Concen: 8.509 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

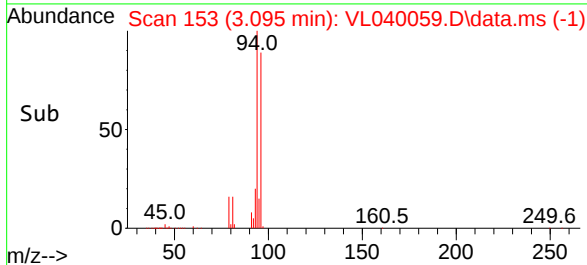
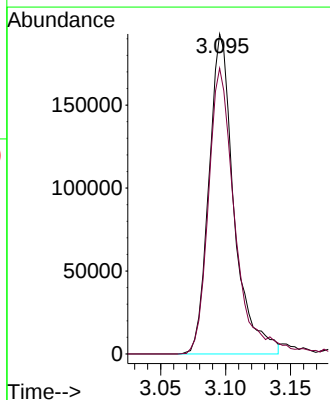
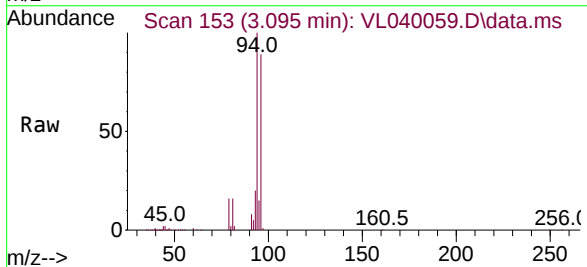
Instrument :
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 ClientSampleId :
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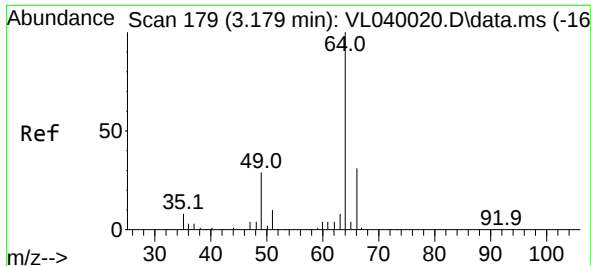
Tgt Ion: 62 Resp: 594517
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.1 39.1



#6
 Bromomethane
 Concen: 10.090 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 94 Resp: 259023
 Ion Ratio Lower Upper
 94 100
 96 89.3 72.0 108.0

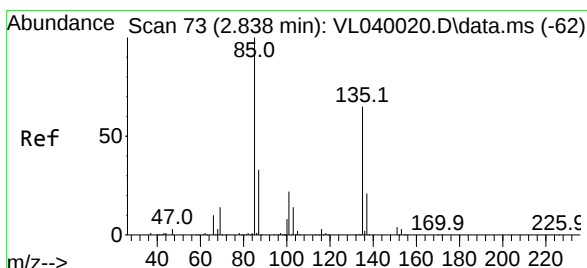
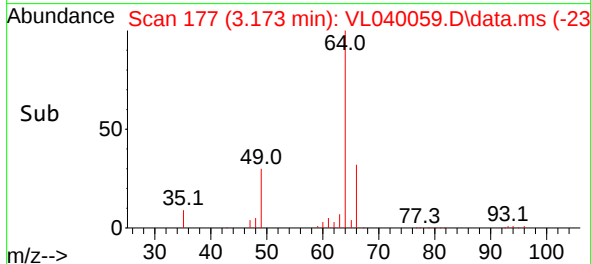
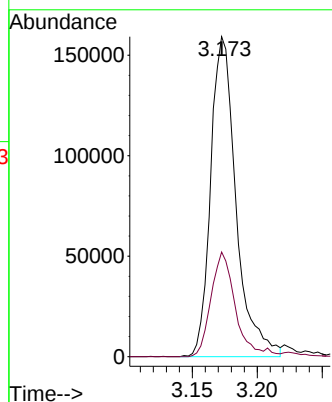
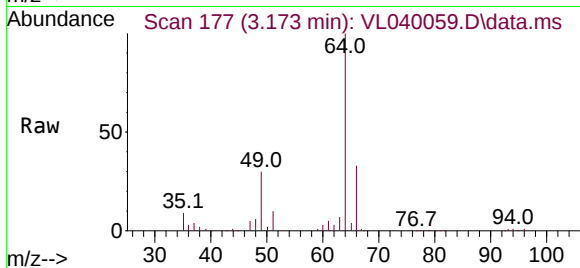




#7
Chloroethane
Concen: 8.210 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

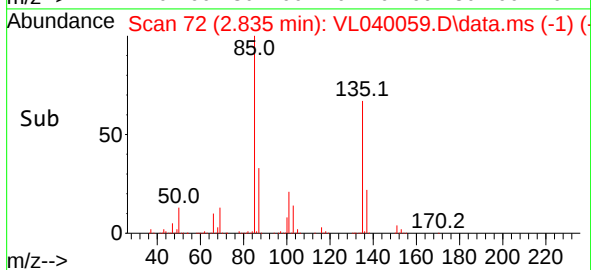
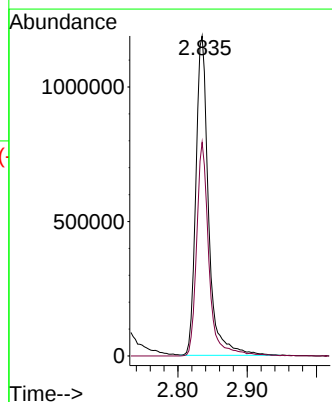
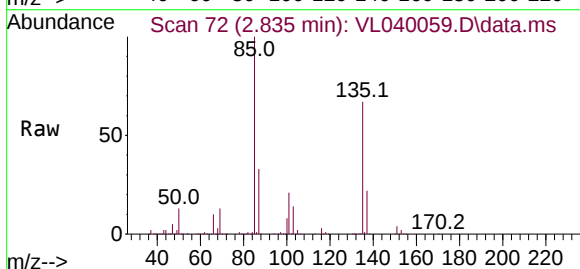
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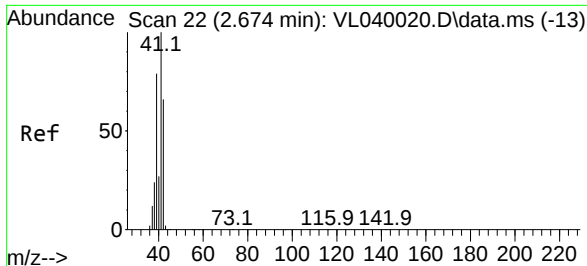
Tgt Ion: 64 Resp: 216420
Ion Ratio Lower Upper
64 100
66 32.7 24.6 37.0



#8
Dichlorotetrafluoroethane
Concen: 8.240 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 85 Resp: 1515785
Ion Ratio Lower Upper
85 100
135 65.2 53.2 79.8

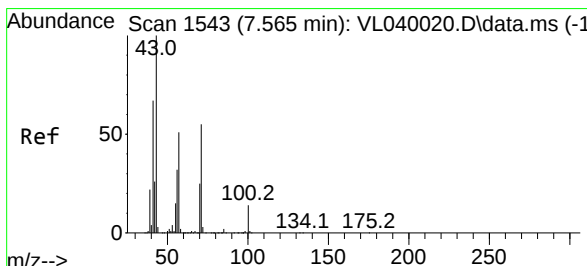
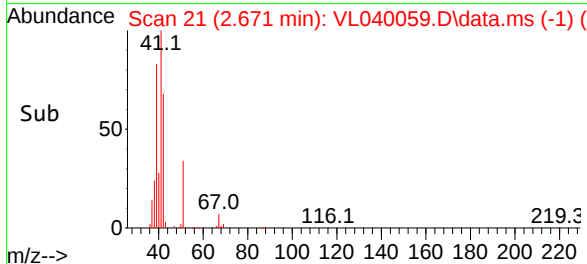
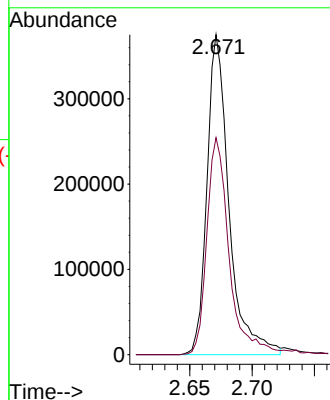
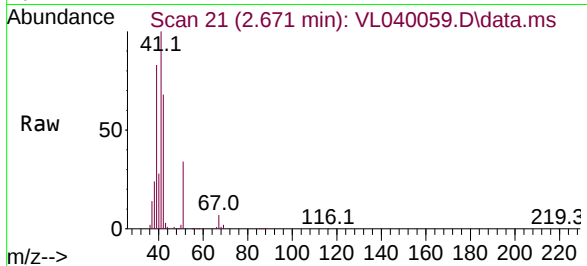




#9
 Propene
 Concen: 7.884 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

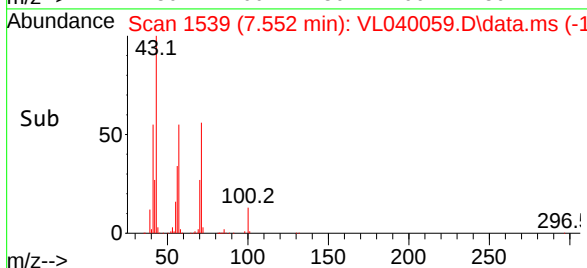
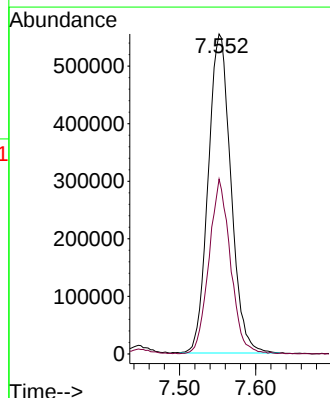
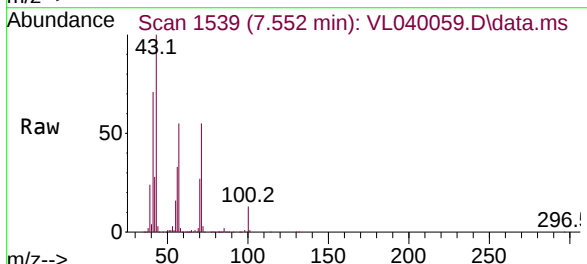
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 ClientSampleId :
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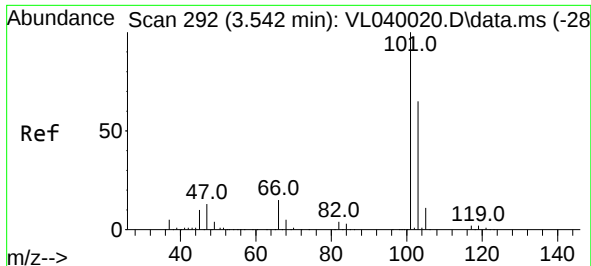
Tgt Ion: 41 Resp: 461100
 Ion Ratio Lower Upper
 41 100
 42 70.1 54.8 82.2



#10
 Heptane
 Concen: 8.052 ppbv
 RT: 7.552 min Scan# 1539
 Delta R.T. -0.013 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 43 Resp: 1149307
 Ion Ratio Lower Upper
 43 100
 57 52.3 41.2 61.8

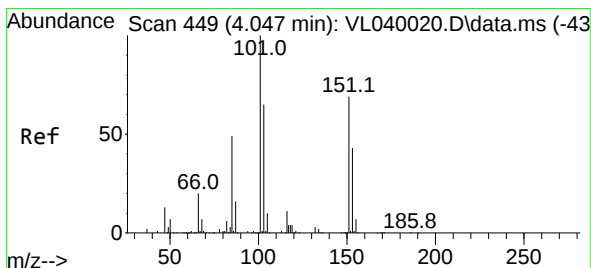
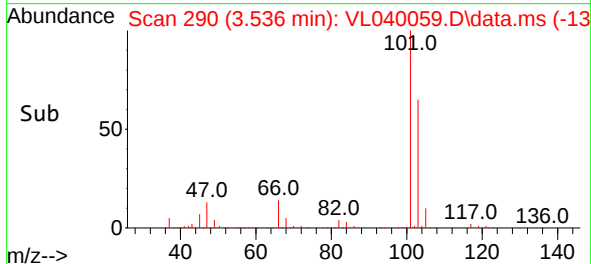
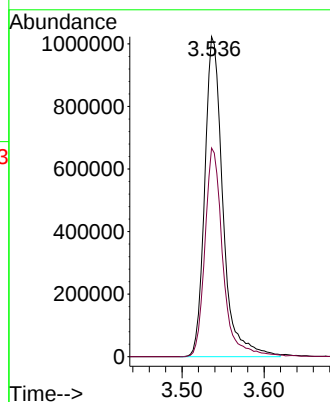
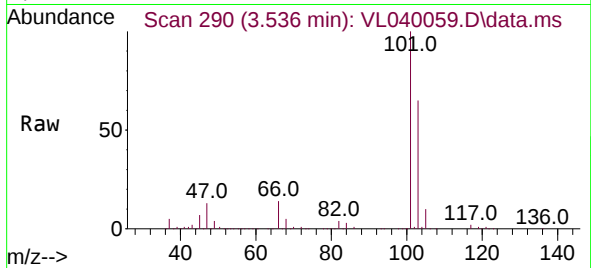




#11
 Trichlorofluoromethane
 Concen: 8.281 ppbv
 RT: 3.536 min Scan# 292
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

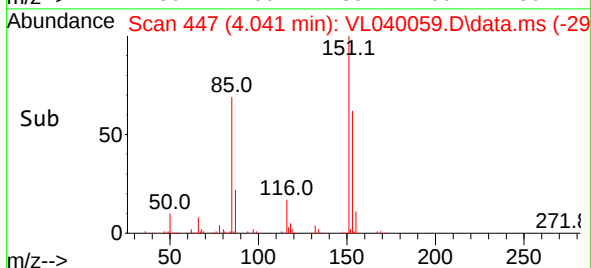
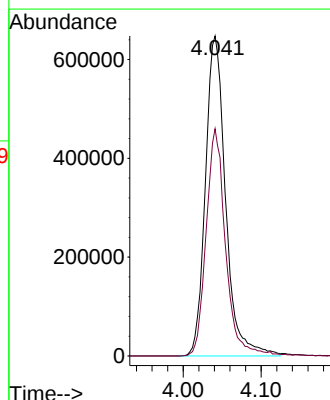
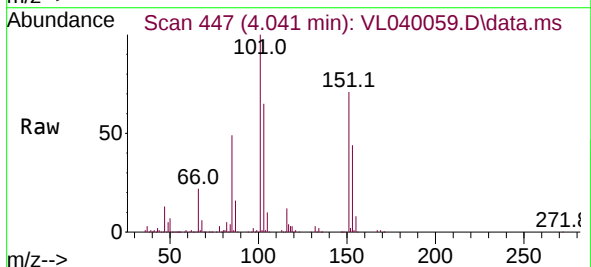
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

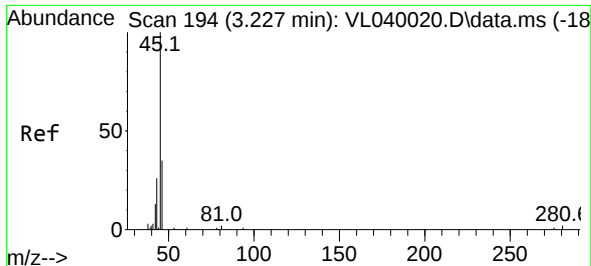
Tgt Ion:101 Resp: 1573308
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.098 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion:101 Resp: 1165174
 Ion Ratio Lower Upper
 101 100
 151 68.6 55.0 82.4

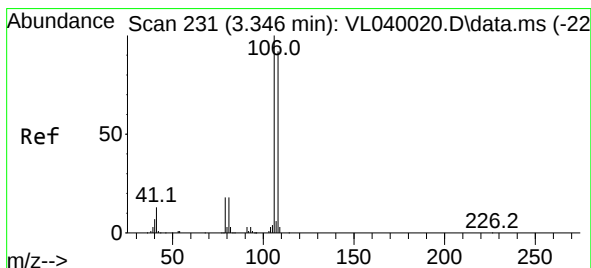
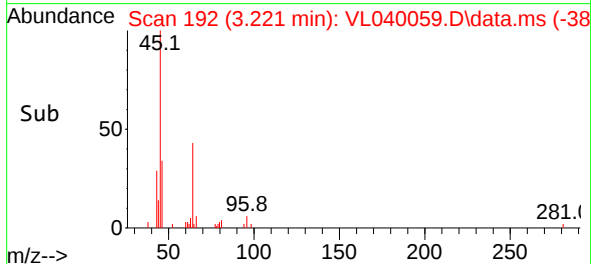
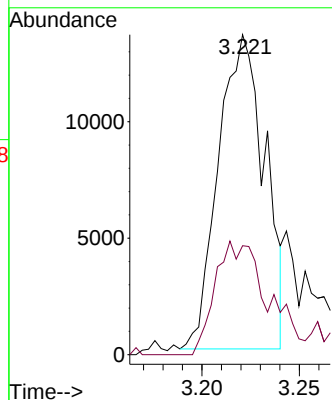
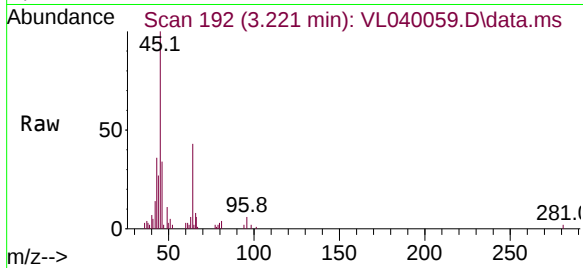




#13
Ethanol
Concen: 4.052 ppbv
RT: 3.221 min Scan# 194
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

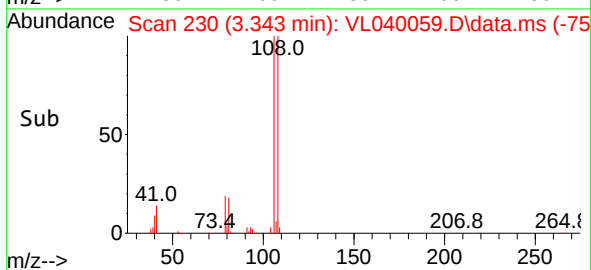
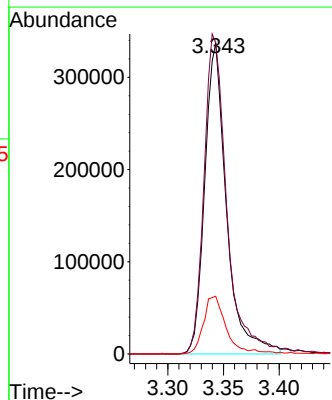
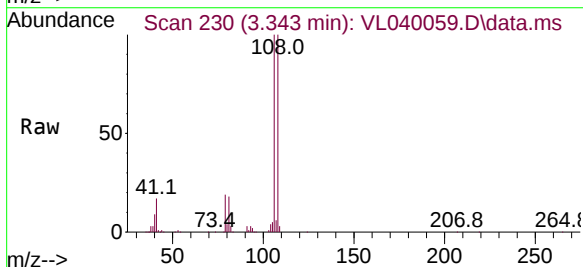
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

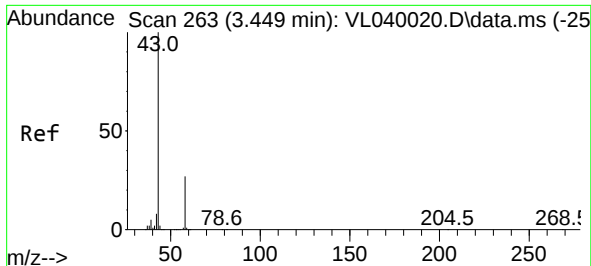
Tgt Ion: 45 Resp: 22306
Ion Ratio Lower Upper
45 100
46 47.2 13.7 54.7



#14
Bromoethene
Concen: 8.475 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion:108 Resp: 459218
Ion Ratio Lower Upper
108 100
106 108.9 87.5 131.3
79 20.0 15.8 23.8

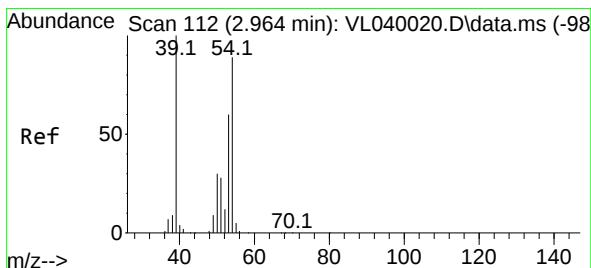
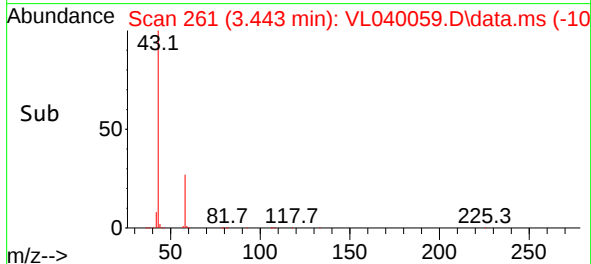
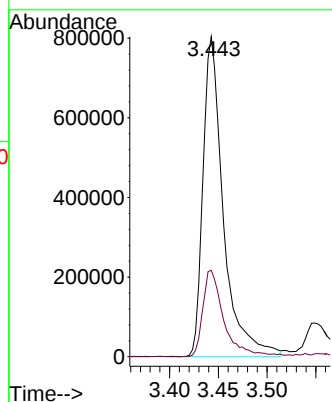
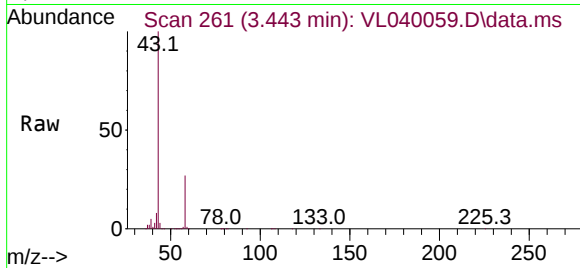




#15
Acetone
Concen: 8.096 ppbv
RT: 3.443 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

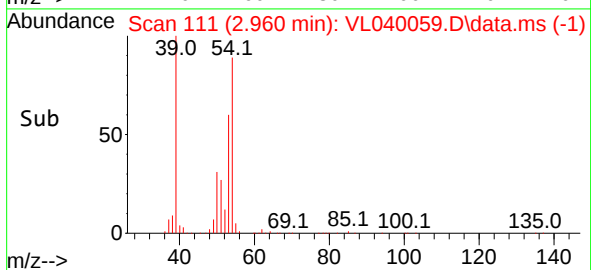
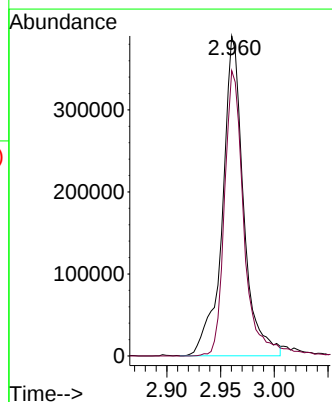
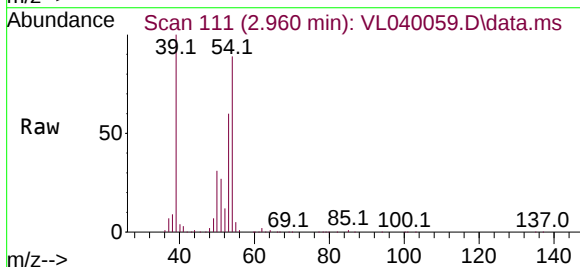
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

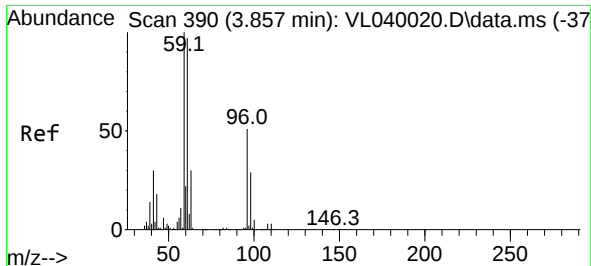
Tgt Ion: 43 Resp: 1169851
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.8



#16
1,3-Butadiene
Concen: 8.536 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 39 Resp: 536139
Ion Ratio Lower Upper
39 100
54 83.3 68.3 102.5





#17

tert-Butyl alcohol

Concen: 8.365 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.006 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

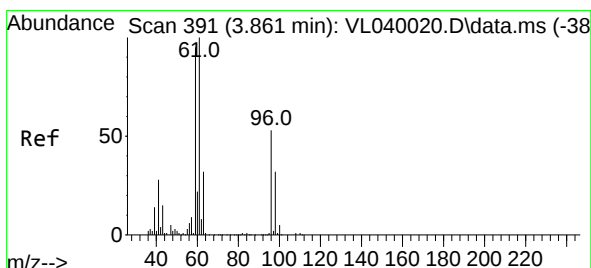
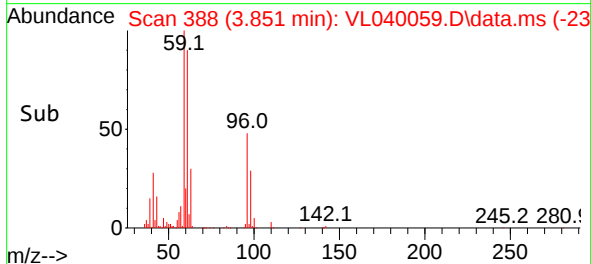
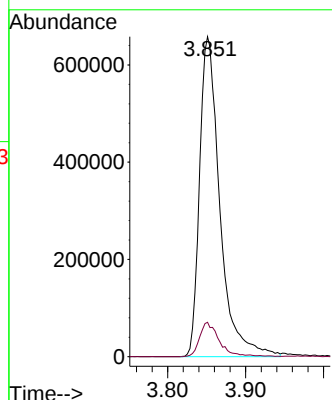
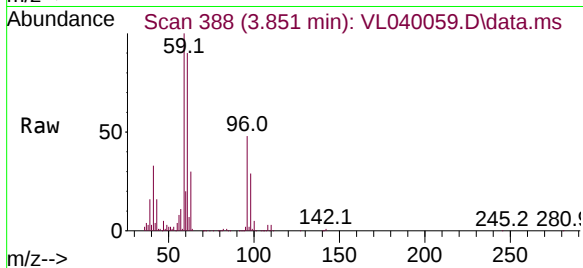
VSTDCCC010EC

Tgt Ion: 59 Resp: 1191645

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



#18

1,1-Dichloroethene

Concen: 8.084 ppbv

RT: 3.854 min Scan# 389

Delta R.T. -0.006 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

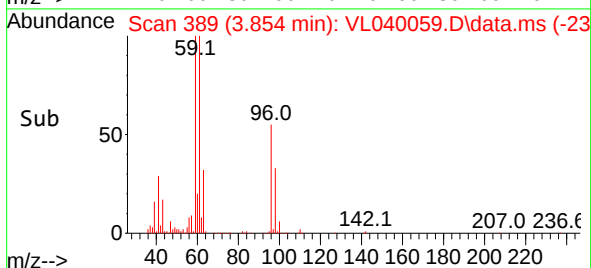
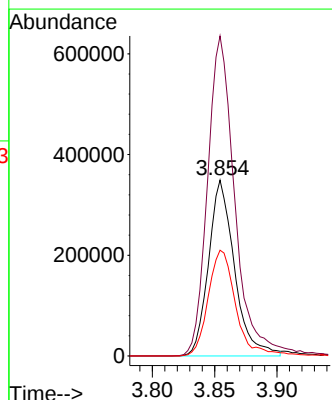
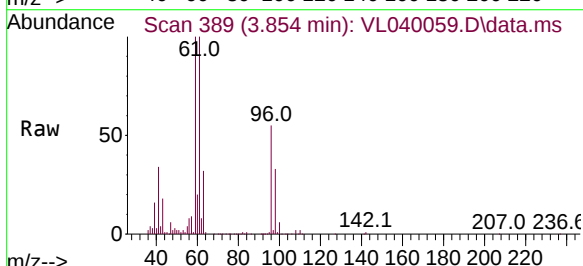
Tgt Ion: 96 Resp: 506325

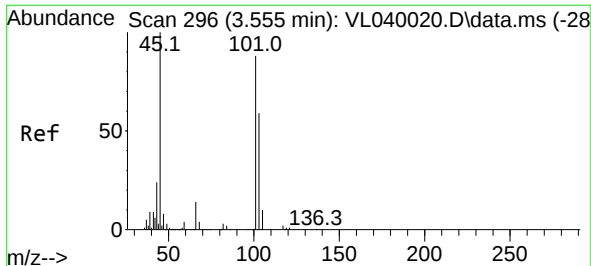
Ion Ratio Lower Upper

96 100

61 181.7 151.0 226.6

98 60.2 47.7 71.5

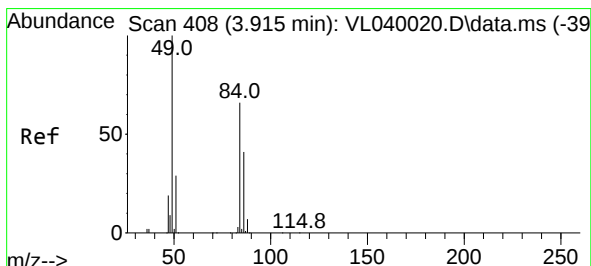
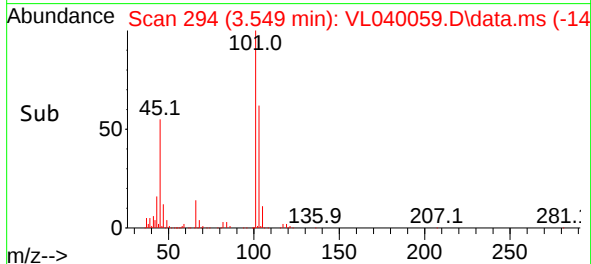
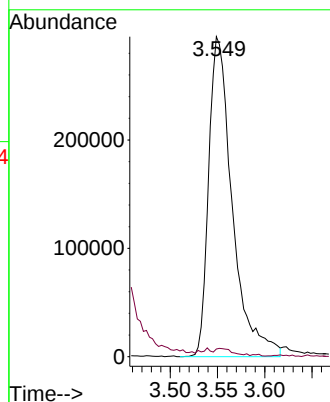
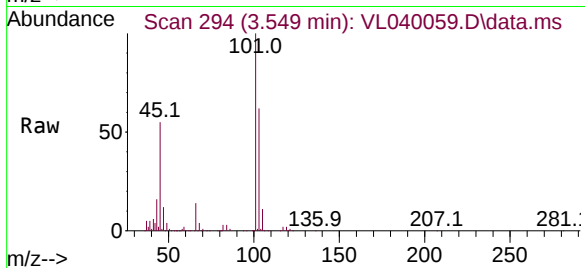




#19
Isopropyl Alcohol
Concen: 7.206 ppbv
RT: 3.549 min Scan# 296
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

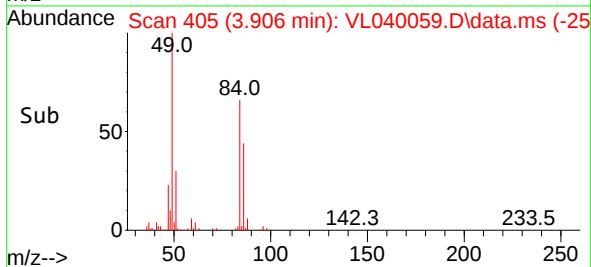
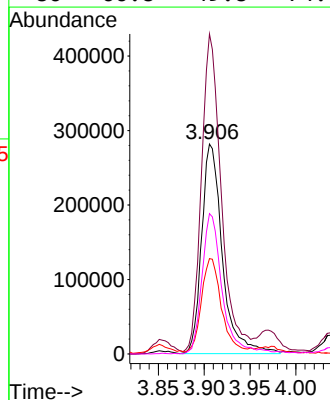
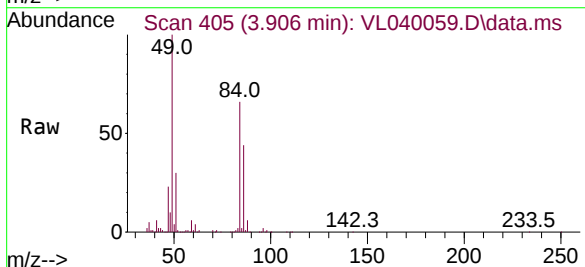
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

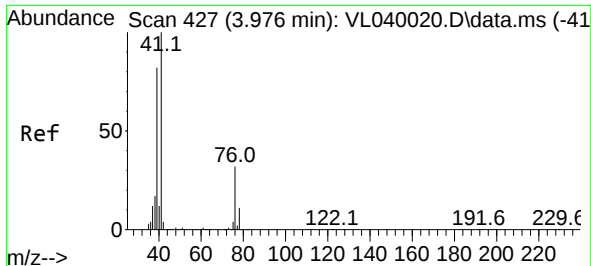
Tgt Ion: 45 Resp: 513097
Ion Ratio Lower Upper
45 100
58 2.7 1.7 2.5#



#20
Methylene Chloride
Concen: 7.243 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 84 Resp: 444856
Ion Ratio Lower Upper
84 100
49 151.2 120.5 180.7
51 43.9 35.2 52.8
86 66.8 49.8 74.6

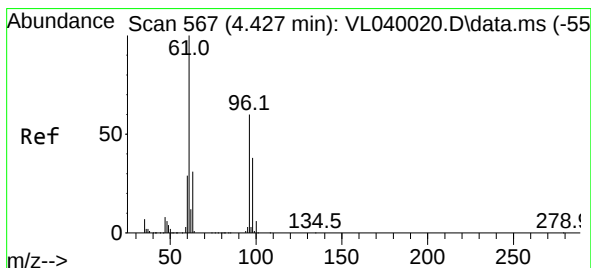
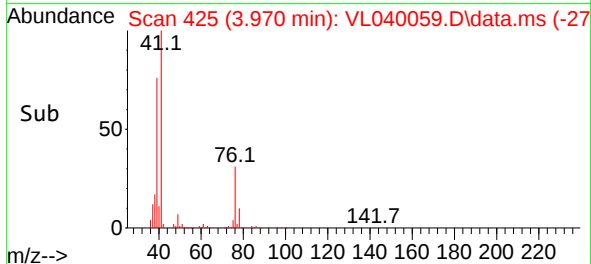
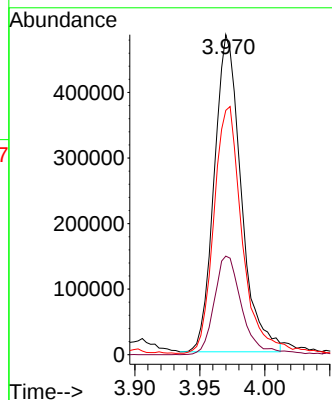
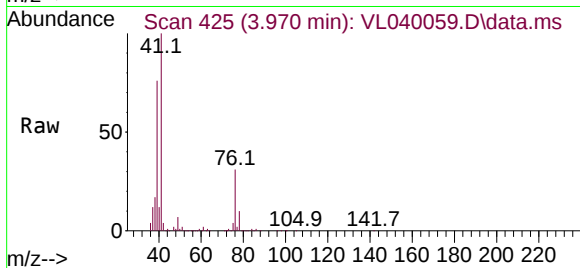




#21
 Allyl Chloride
 Concen: 8.027 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

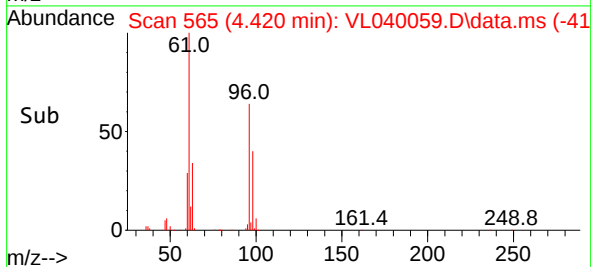
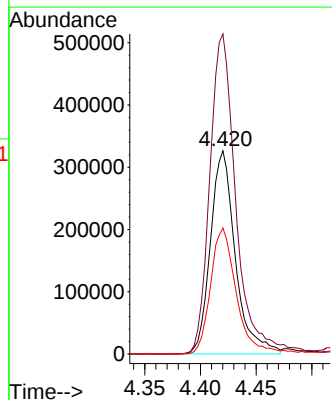
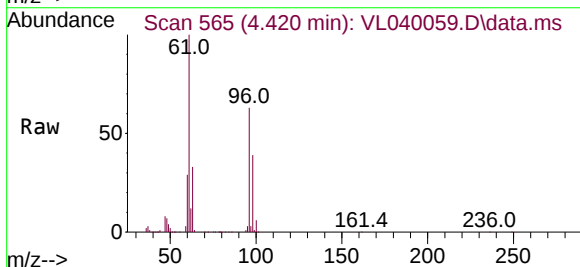
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

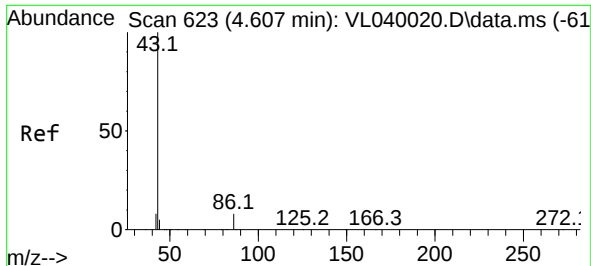
Tgt Ion: 41 Resp: 696922
 Ion Ratio Lower Upper
 41 100
 76 32.4 25.9 38.9
 39 82.8 66.0 99.0



#22
 trans-1,2-Dichloroethene
 Concen: 8.159 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 96 Resp: 509267
 Ion Ratio Lower Upper
 96 100
 61 157.5 133.6 200.4
 98 62.0 51.4 77.0



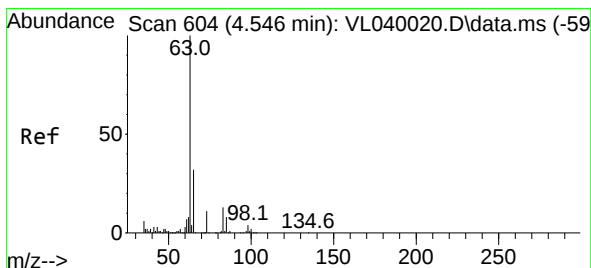
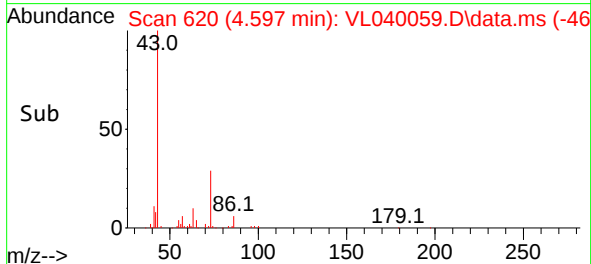
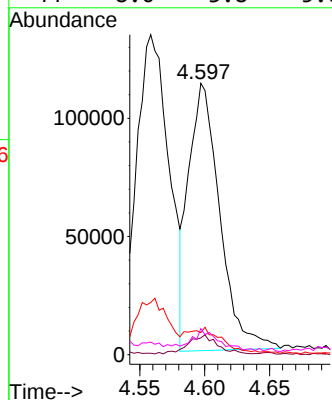
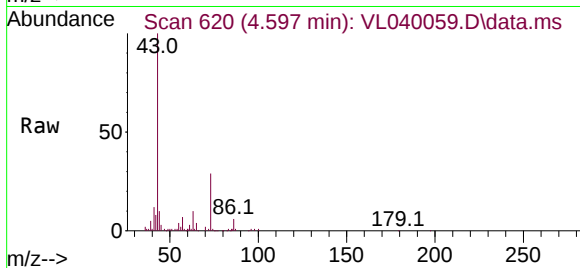


#23
 Vinyl Acetate
 Concen: 4.123 ppbv
 RT: 4.597 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 188883

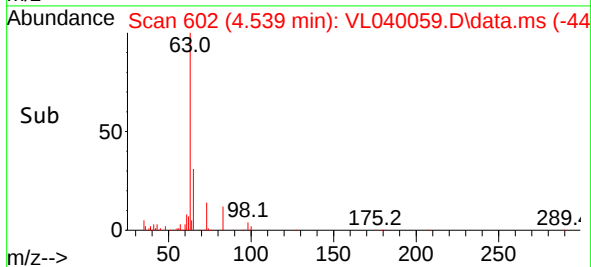
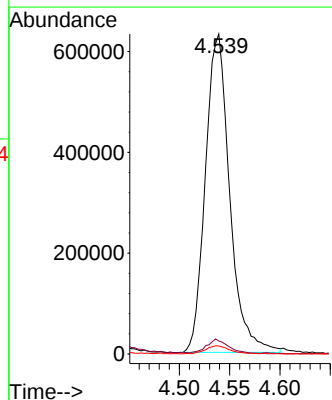
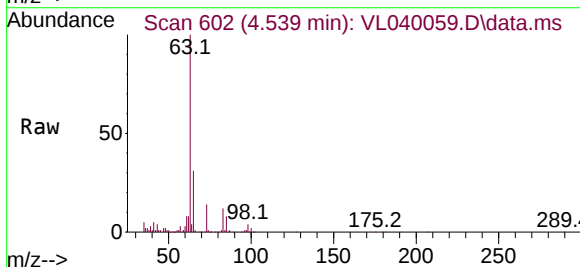
Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.3	7.9
42	7.9	7.4	11.0
44	8.0	3.8	5.6

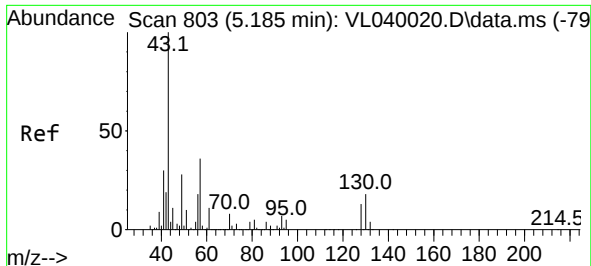


#24
 1,1-Dichloroethane
 Concen: 7.905 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 63 Resp: 1063427

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.4	1.1	3.3





#25

Ethyl Acetate

Concen: 9.521 ppbv

RT: 5.176 min Scan# 80

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2382596

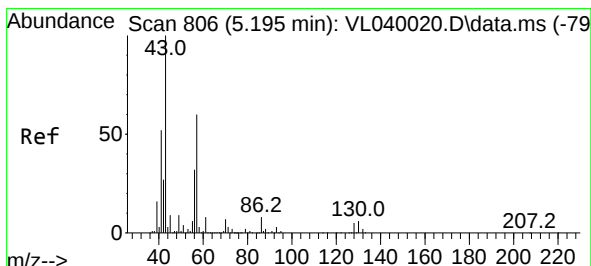
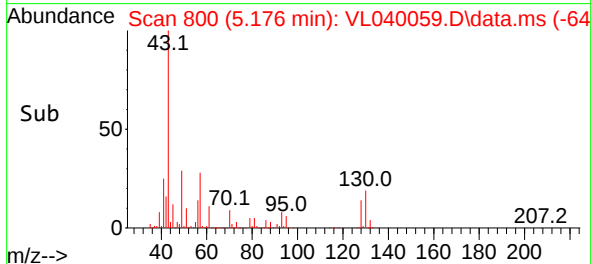
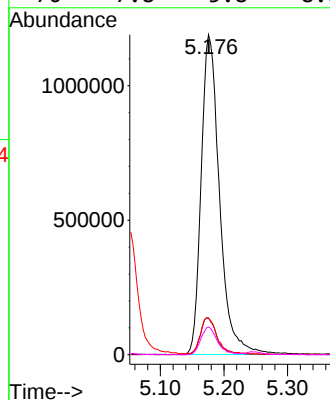
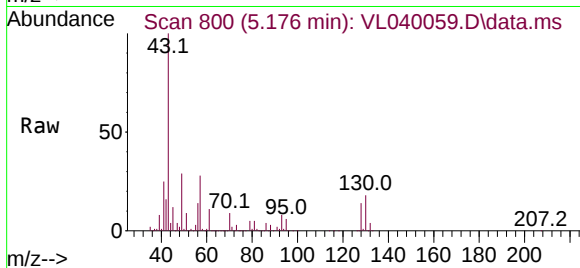
Ion Ratio Lower Upper

43 100

45 10.7 8.6 12.8

61 10.8 8.5 12.7

70 7.8 5.8 8.8



#26

Hexane

Concen: 8.474 ppbv

RT: 5.185 min Scan# 803

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion: 57 Resp: 891187

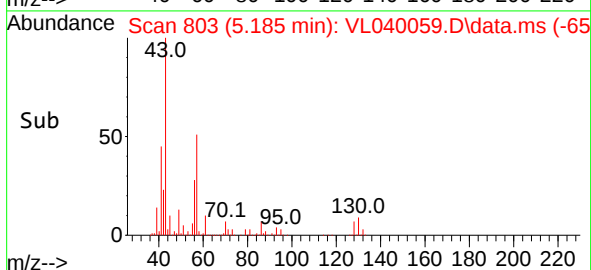
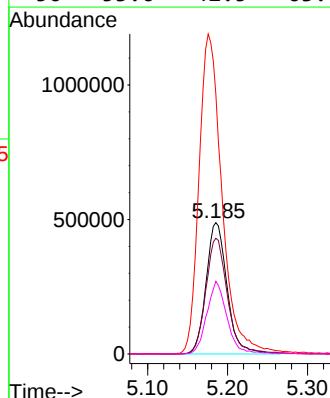
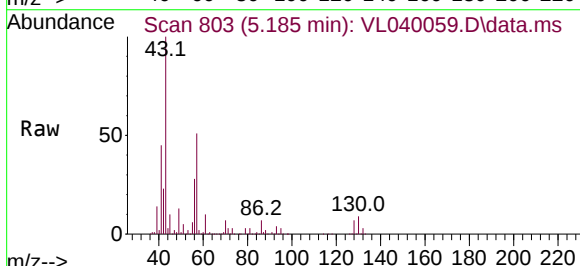
Ion Ratio Lower Upper

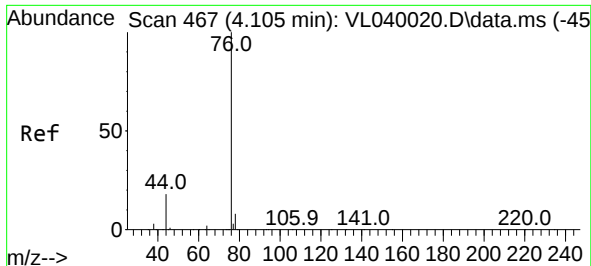
57 100

41 91.4 72.1 108.1

43 268.2 192.1 288.1

56 53.6 42.5 63.7

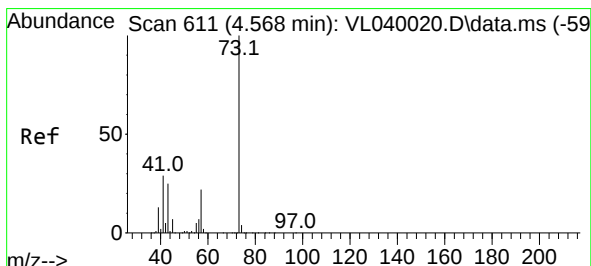
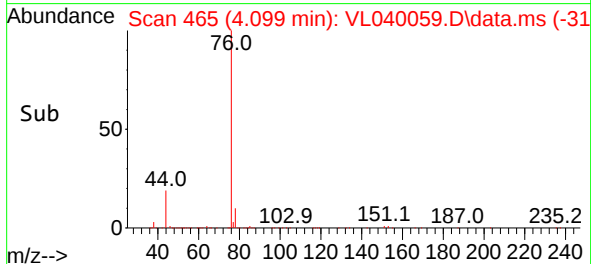
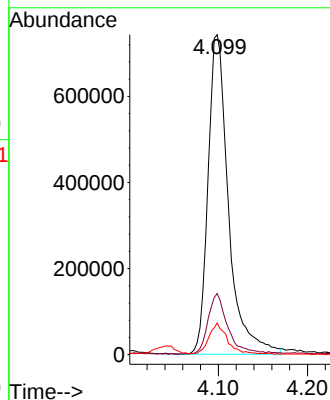
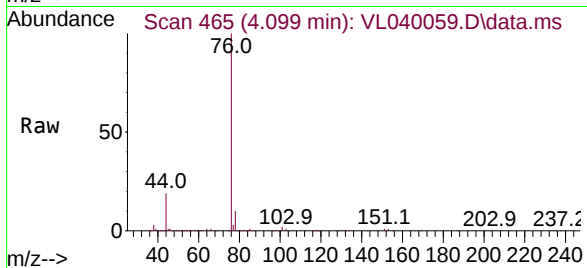




#27
Carbon Disulfide
Concen: 8.927 ppbv
RT: 4.099 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

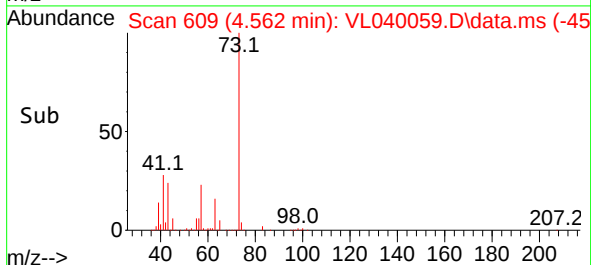
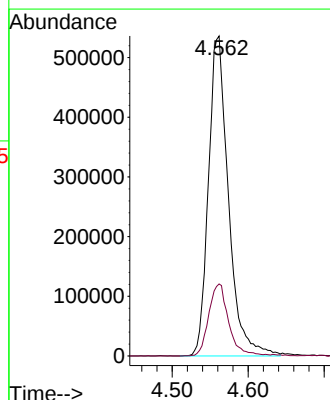
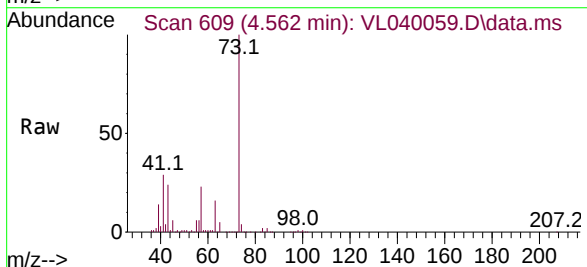
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

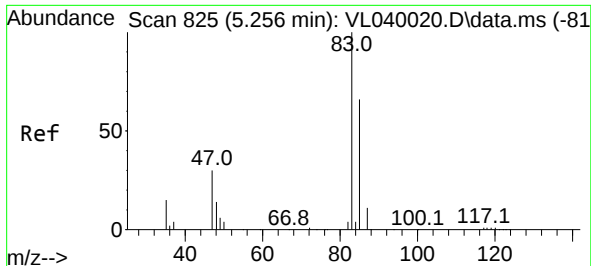
Tgt Ion: 76 Resp: 1184266
Ion Ratio Lower Upper
76 100
44 18.5 15.3 22.9
78 9.4 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 7.918 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.006 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 73 Resp: 981510
Ion Ratio Lower Upper
73 100
57 22.7 18.6 28.0





#29

Chloroform

Concen: 9.473 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

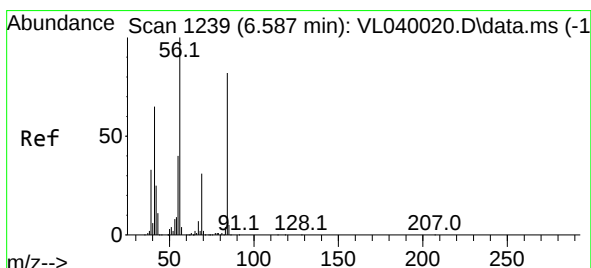
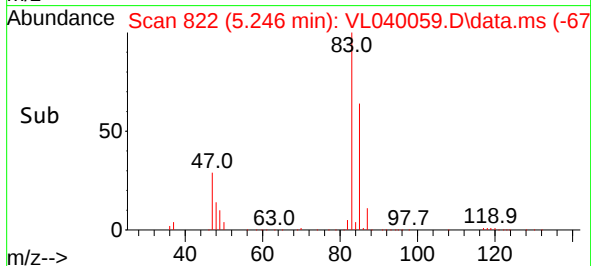
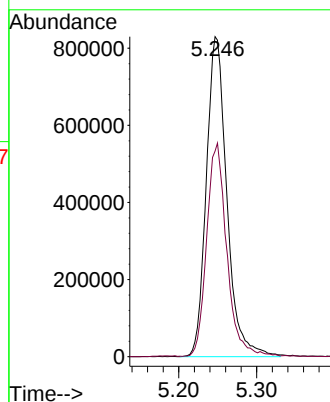
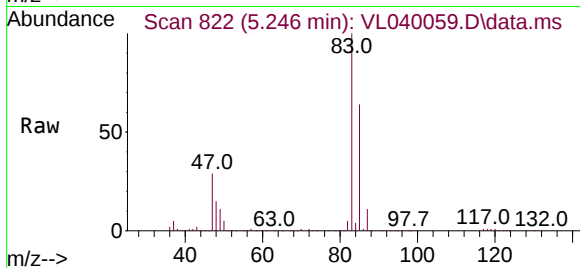
VSTDCCC010EC

Tgt Ion: 83 Resp: 1520369

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6



#30

Cyclohexane

Concen: 8.266 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

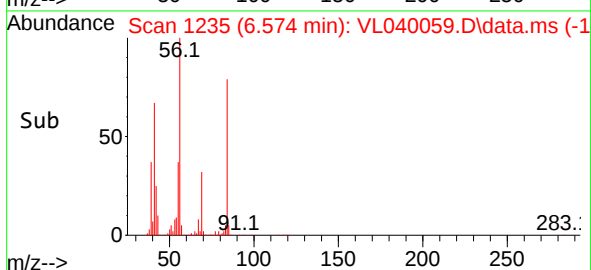
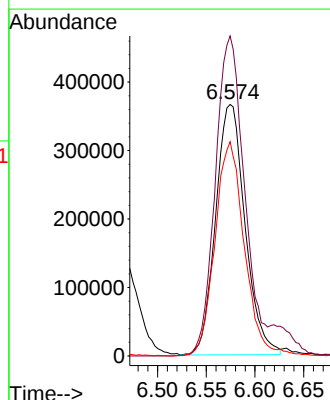
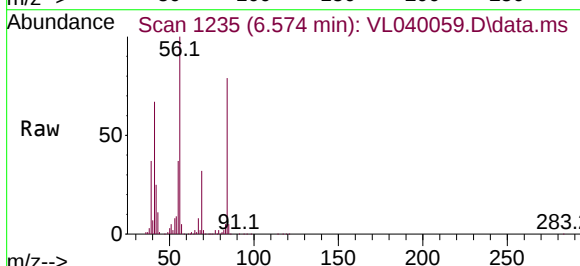
Tgt Ion: 84 Resp: 769900

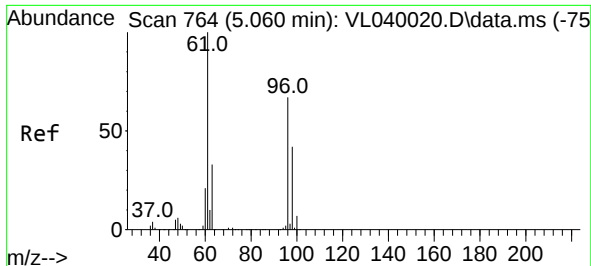
Ion Ratio Lower Upper

84 100

56 136.1 110.2 165.4

41 85.4 67.8 101.8

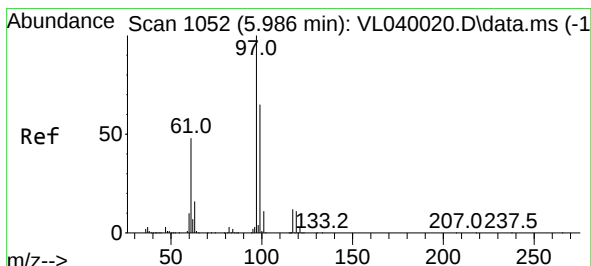
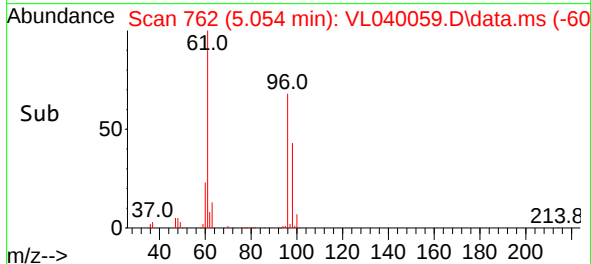
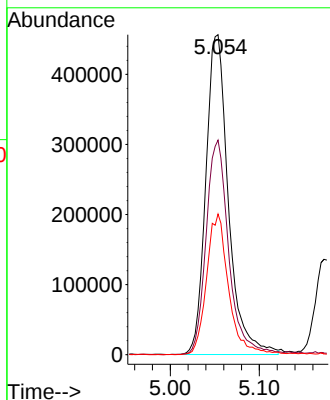
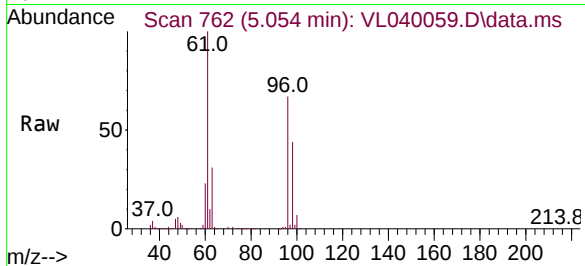




#31
 cis-1,2-Dichloroethene
 Concen: 8.027 ppbv
 RT: 5.054 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

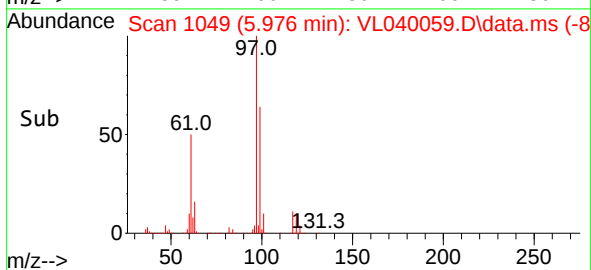
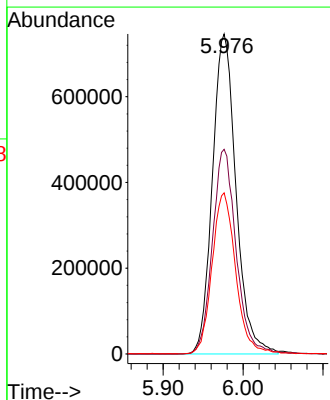
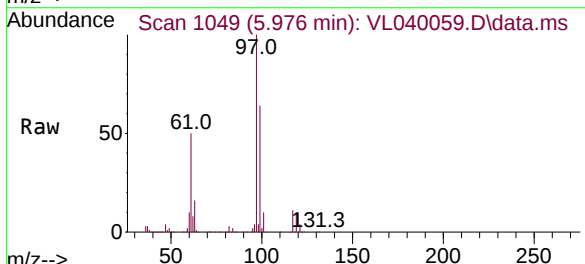
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

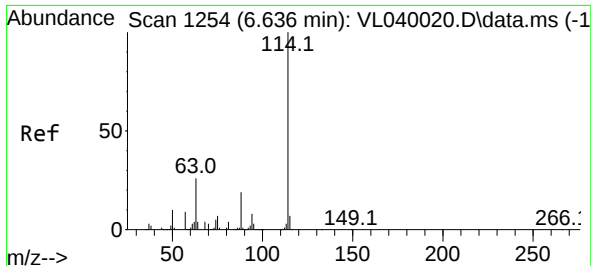
Tgt Ion: 61 Resp: 803965
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.4 80.2
 98 43.9 33.4 50.0



#32
 1,1,1-Trichloroethane
 Concen: 8.894 ppbv
 RT: 5.976 min Scan# 1049
 Delta R.T. -0.010 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 97 Resp: 1528255
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.8 77.6
 61 50.8 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

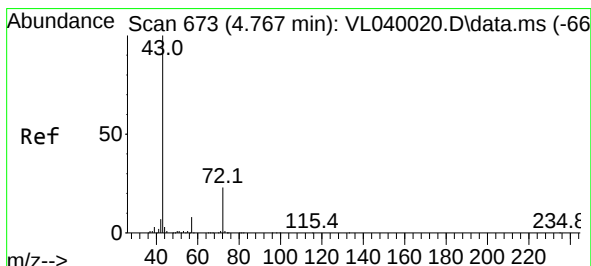
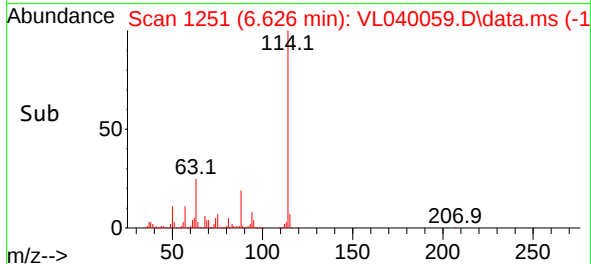
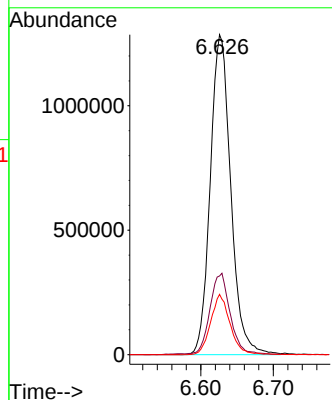
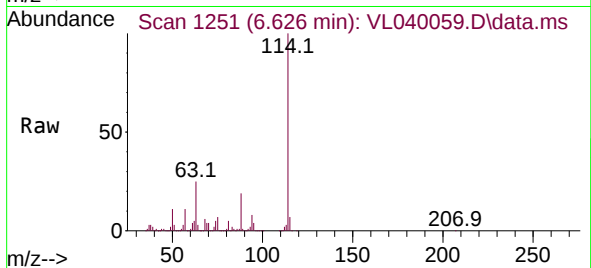
Tgt Ion:114 Resp: 2526967

Ion Ratio Lower Upper

114 100

63 25.7 20.2 30.2

88 17.9 14.6 21.8



#34

2-Butanone

Concen: 8.597 ppbv

RT: 4.758 min Scan# 670

Delta R.T. -0.010 min

Lab File: VL040059.D

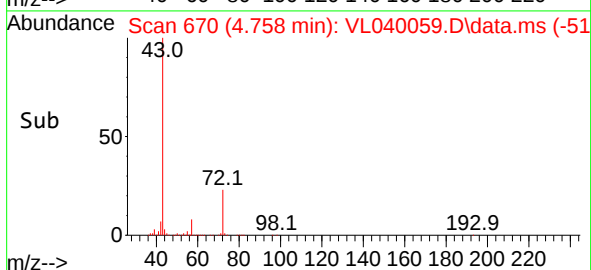
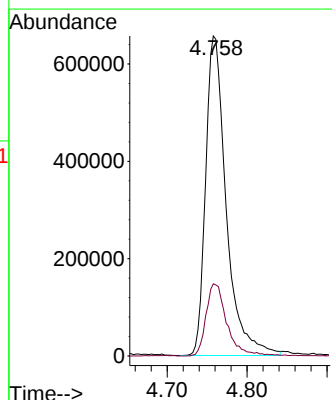
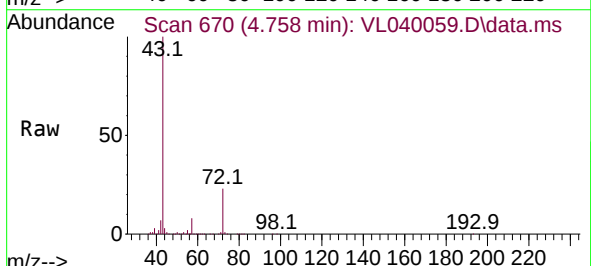
Acq: 20 Dec 2022 16:48

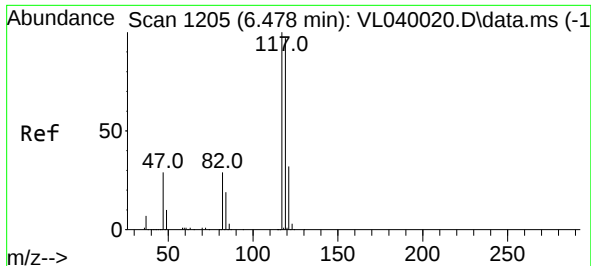
Tgt Ion: 43 Resp: 1178509

Ion Ratio Lower Upper

43 100

72 23.0 18.0 27.0

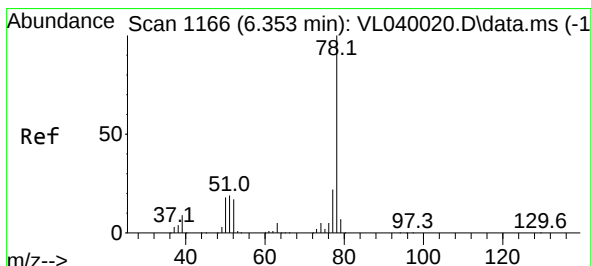
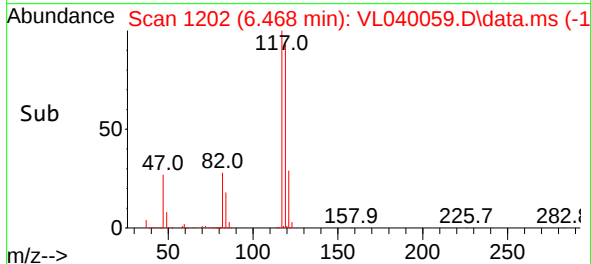
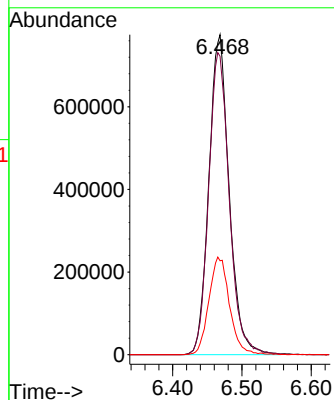
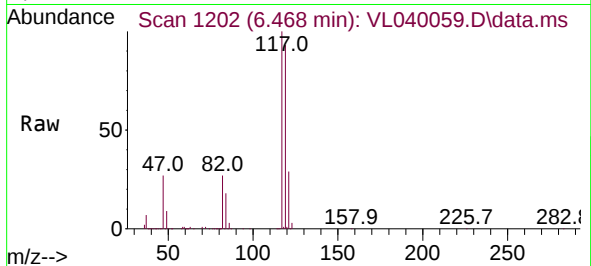




#35
Carbon Tetrachloride
Concen: 10.020 ppbv
RT: 6.468 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

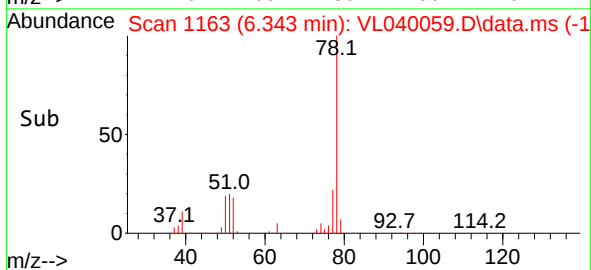
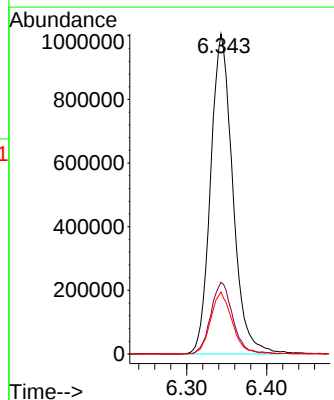
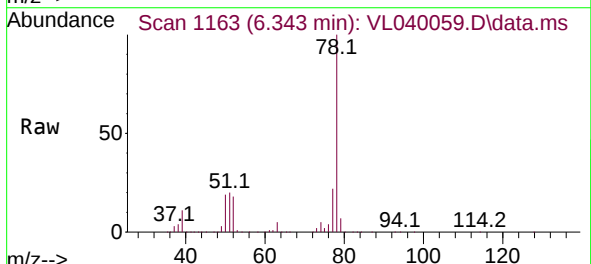
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

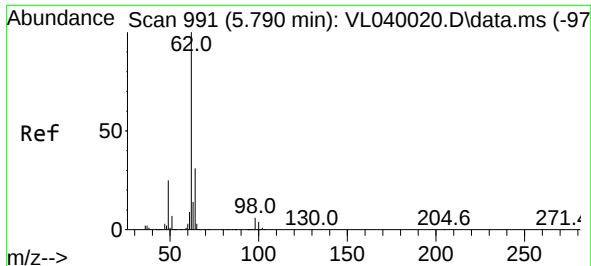
Tgt Ion:117 Resp: 1572708
Ion Ratio Lower Upper
117 100
119 93.3 77.3 115.9
121 29.3 25.4 38.0



#36
Benzene
Concen: 8.550 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 78 Resp: 1929623
Ion Ratio Lower Upper
78 100
77 22.4 17.5 26.3
50 19.3 14.2 21.2





#37

1,2-Dichloroethane

Concen: 8.805 ppbv

RT: 5.780 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

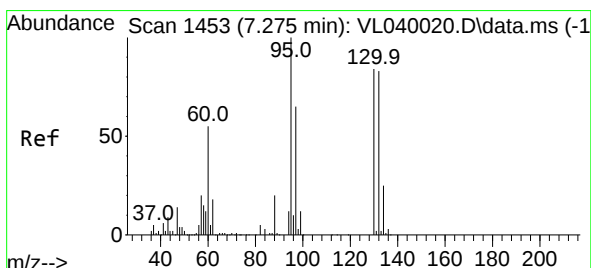
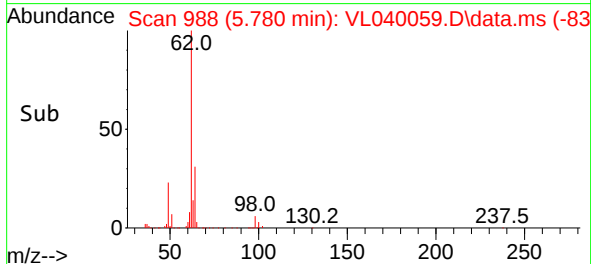
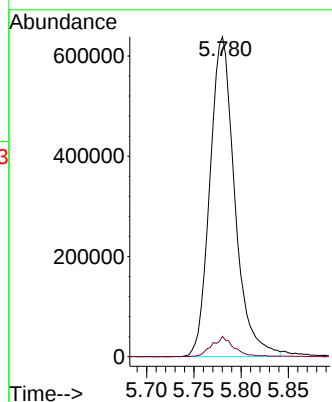
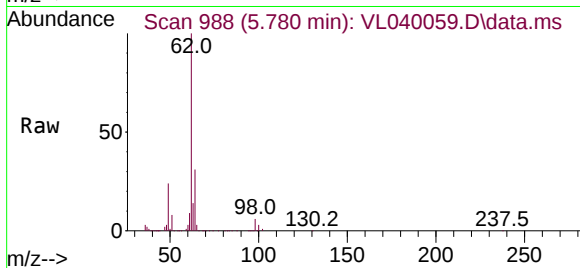
VSTDCCC010EC

Tgt Ion: 62 Resp: 1165718

Ion Ratio Lower Upper

62 100

98 5.7 5.1 7.7



#38

Trichloroethene

Concen: 7.750 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion:130 Resp: 898769

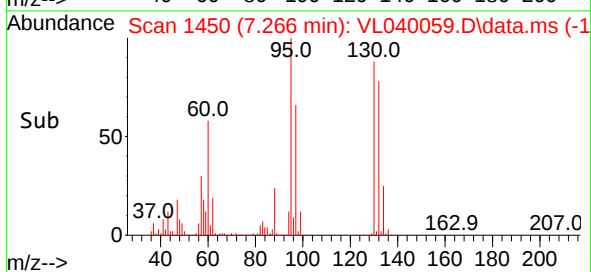
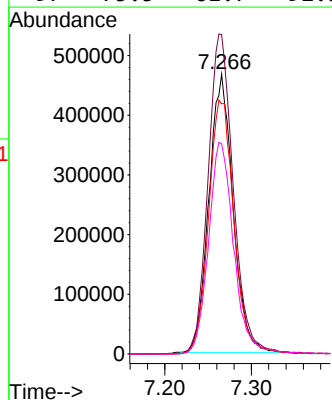
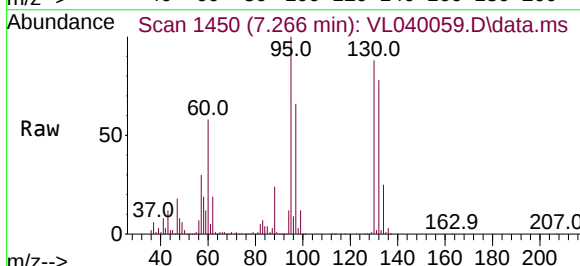
Ion Ratio Lower Upper

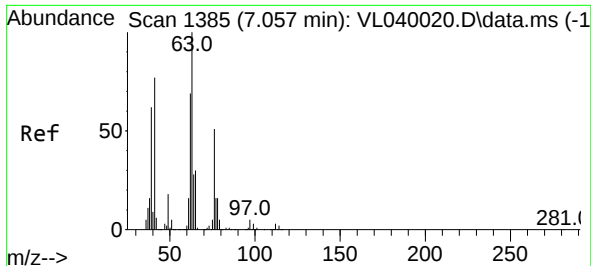
130 100

95 114.6 94.8 142.2

132 89.9 78.2 117.4

97 75.5 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.721 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

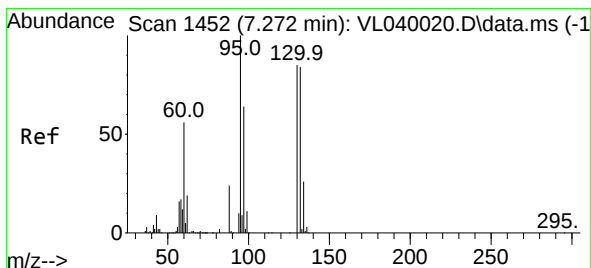
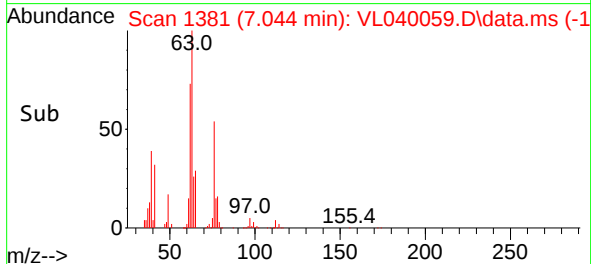
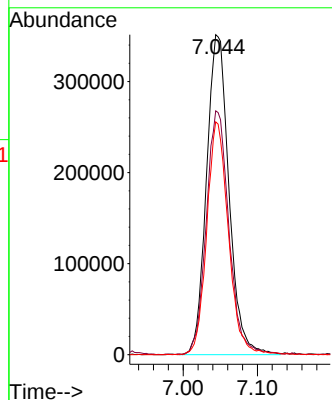
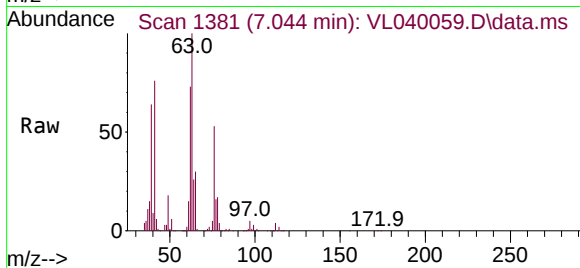
Tgt Ion: 63 Resp: 737748

Ion Ratio Lower Upper

63 100

41 76.0 61.4 92.0

62 72.7 55.4 83.2



#40

1,4-Dioxane

Concen: 7.971 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Tgt Ion: 88 Resp: 303904

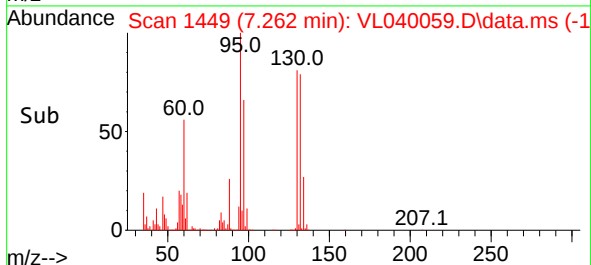
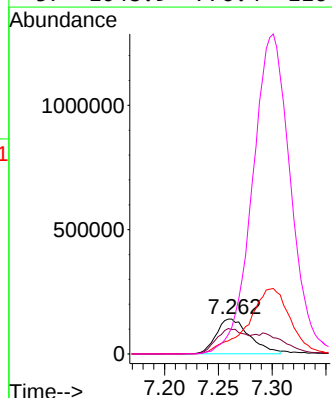
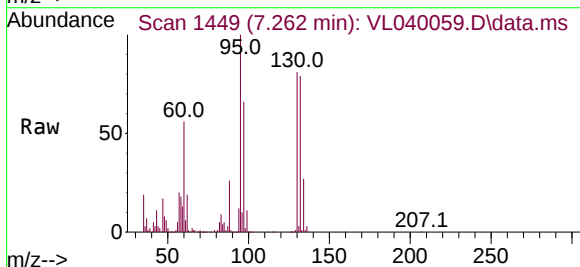
Ion Ratio Lower Upper

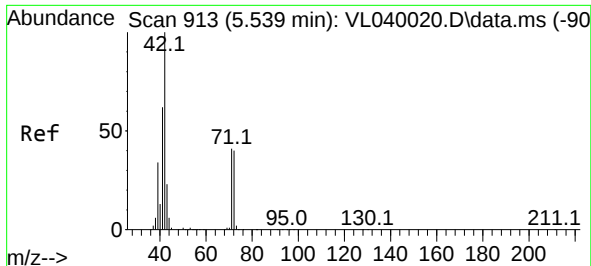
88 100

58 121.1 92.7 139.1

43 241.3 174.6 261.8

57 1048.9 776.4 1164.6





#41

Tetrahydrofuran

Concen: 8.538 ppbv

RT: 5.533 min Scan# 913

Delta R.T. -0.006 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

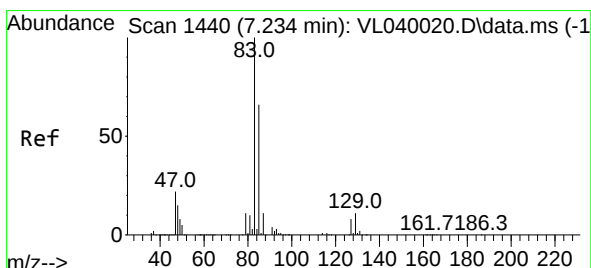
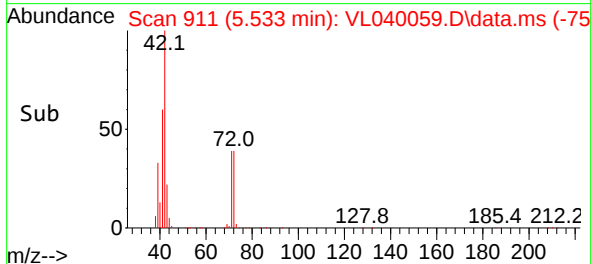
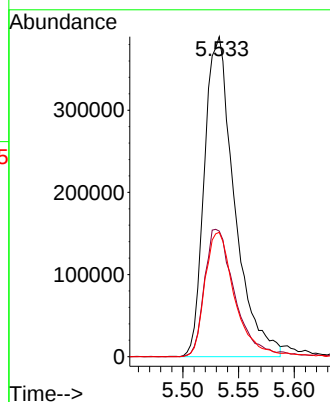
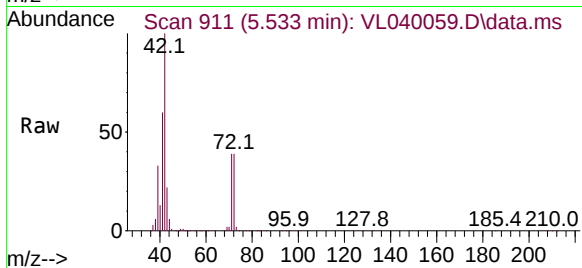
Tgt Ion: 42 Resp: 730569

Ion Ratio Lower Upper

42 100

72 41.1 32.9 49.3

71 39.3 32.2 48.2



#42

Bromodichloromethane

Concen: 9.344 ppbv

RT: 7.224 min Scan# 1437

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

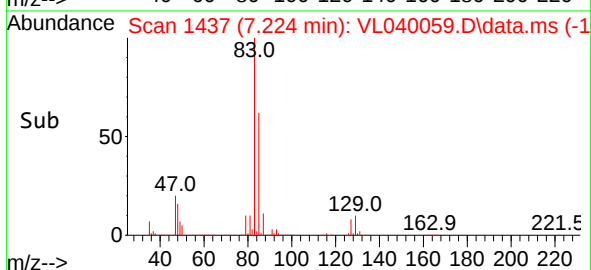
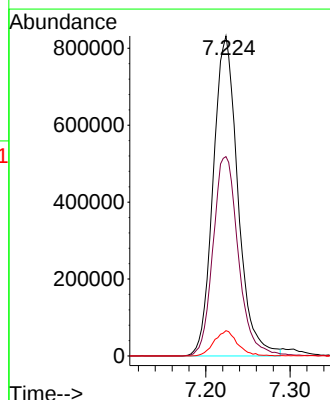
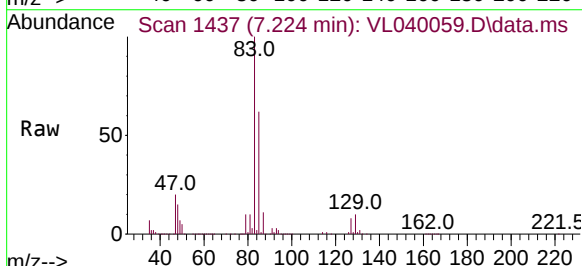
Tgt Ion: 83 Resp: 1694670

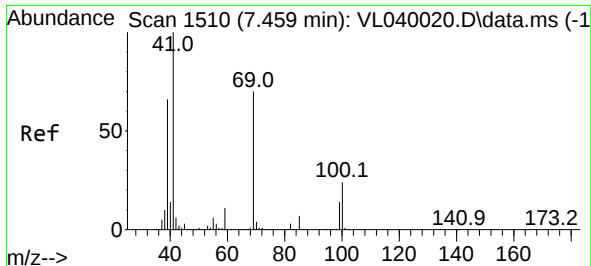
Ion Ratio Lower Upper

83 100

85 62.3 53.0 79.6

127 7.9 6.2 9.2

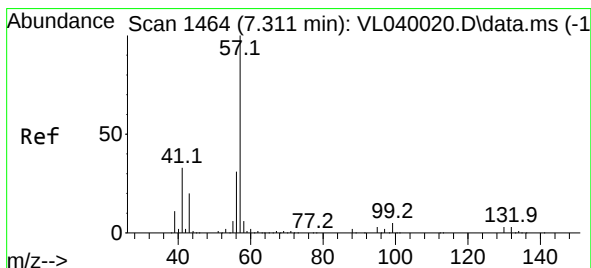
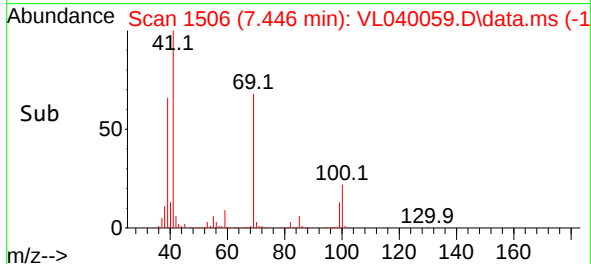
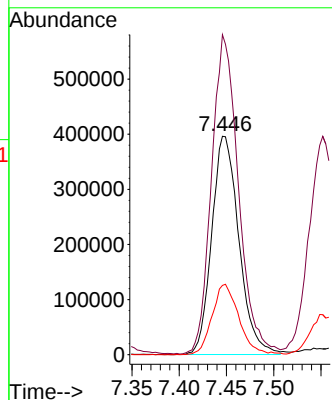
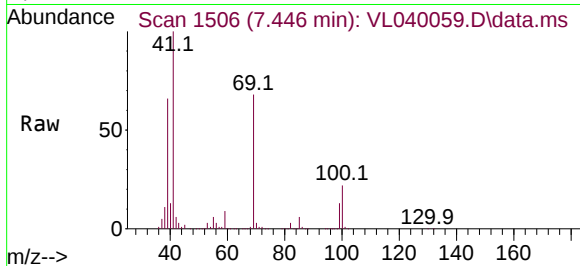




#43
Methyl Methacrylate
Concen: 9.342 ppbv
RT: 7.446 min Scan# 1506
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

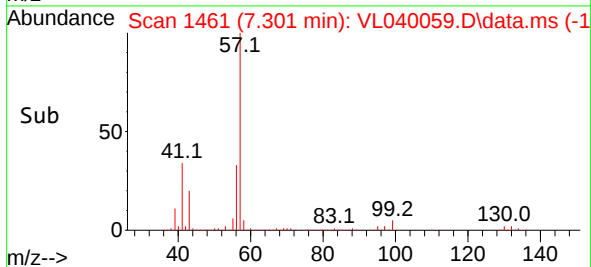
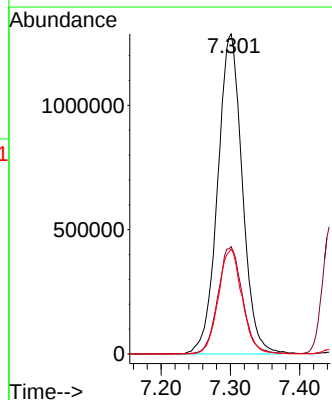
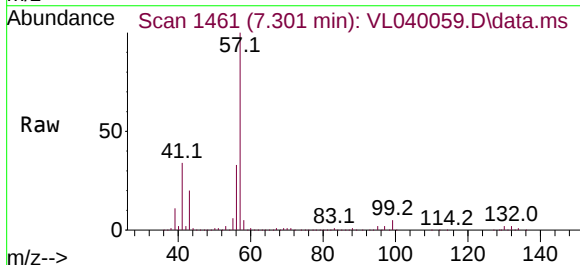
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

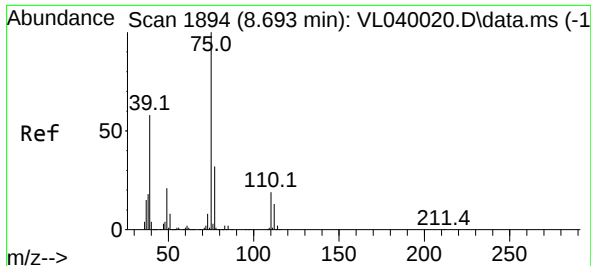
Tgt Ion: 69 Resp: 791278
Ion Ratio Lower Upper
69 100
41 145.2 115.7 173.5
100 32.0 26.0 39.0



#44
2,2,4-Trimethylpentane
Concen: 8.553 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 57 Resp: 3177606
Ion Ratio Lower Upper
57 100
41 33.6 26.2 39.4
56 31.7 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 8.832 ppbv

RT: 8.684 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

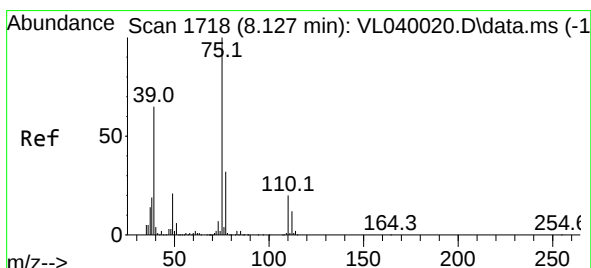
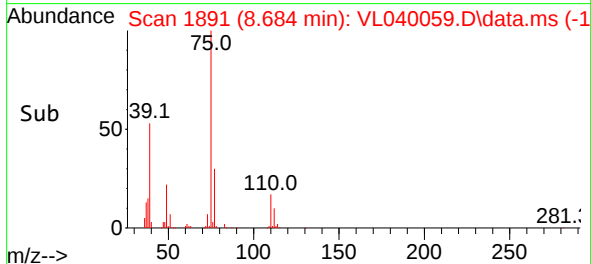
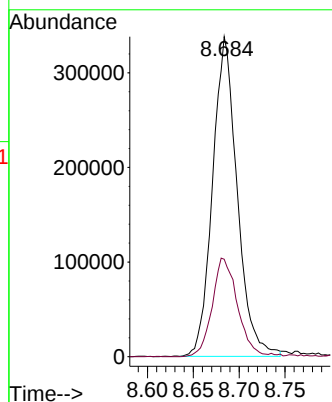
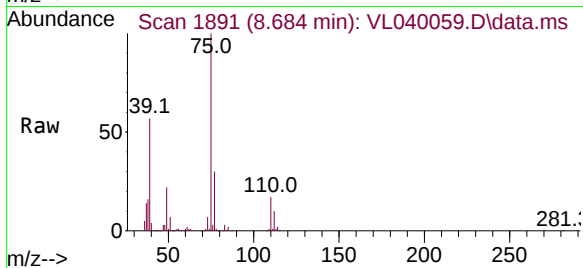
VSTDCCC010EC

Tgt Ion: 75 Resp: 632273

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 9.053 ppbv

RT: 8.115 min Scan# 1714

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

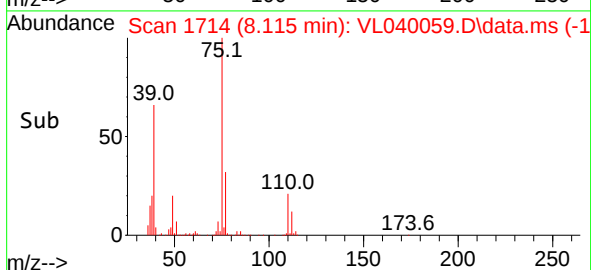
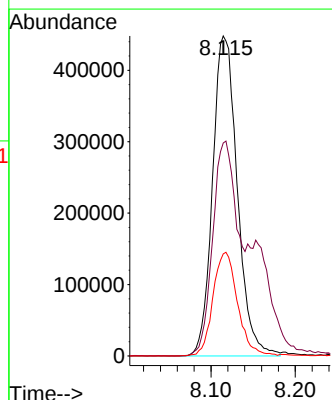
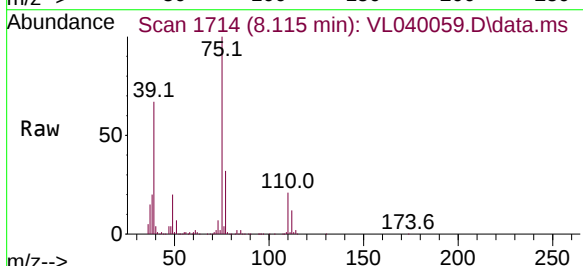
Tgt Ion: 75 Resp: 914011

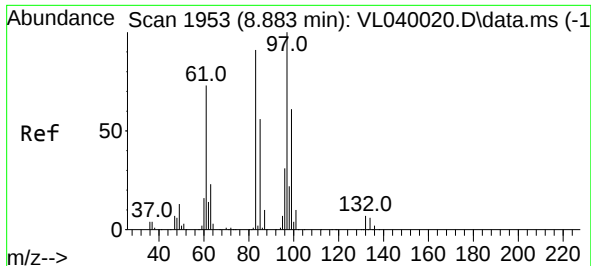
Ion Ratio Lower Upper

75 100

39 66.5 51.7 77.5

77 31.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.636 ppbv

RT: 8.877 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 800059

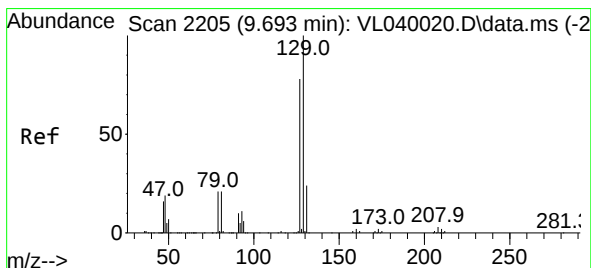
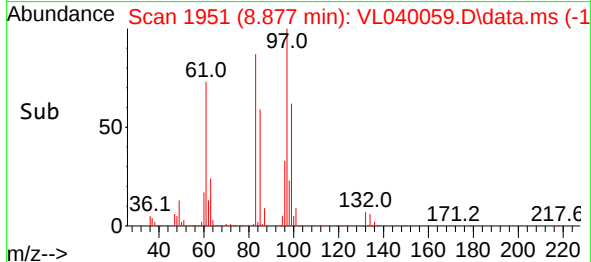
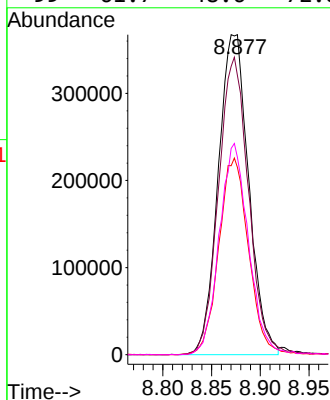
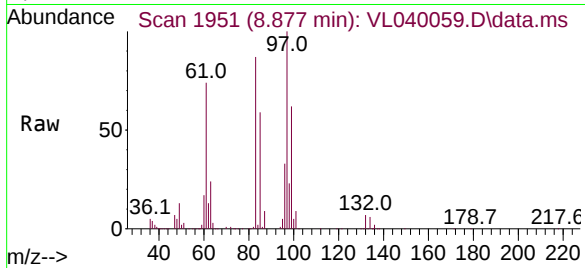
Ion Ratio Lower Upper

97 100

83 87.2 72.5 108.7

85 58.5 45.0 67.6

99 61.7 48.6 72.8



#48

Dibromochloromethane

Concen: 9.642 ppbv

RT: 9.684 min Scan# 2202

Delta R.T. -0.010 min

Lab File: VL040059.D

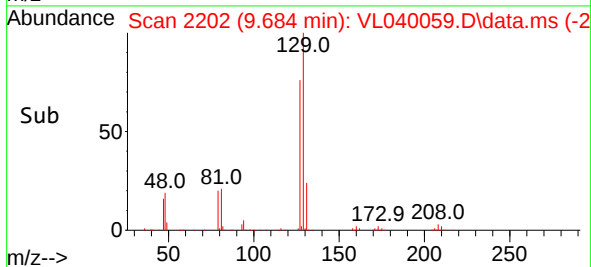
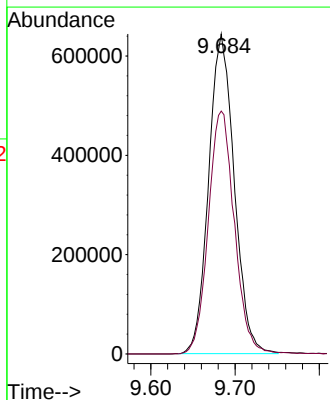
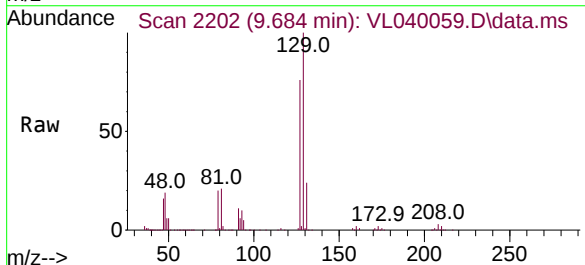
Acq: 20 Dec 2022 16:48

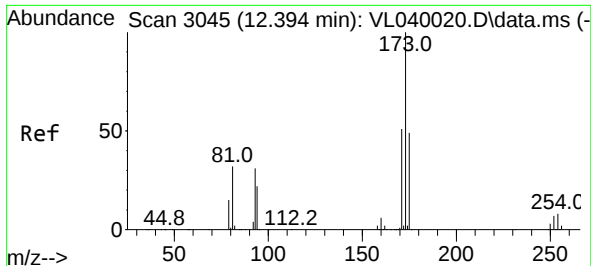
Tgt Ion: 129 Resp: 1358435

Ion Ratio Lower Upper

129 100

127 77.6 39.4 118.1

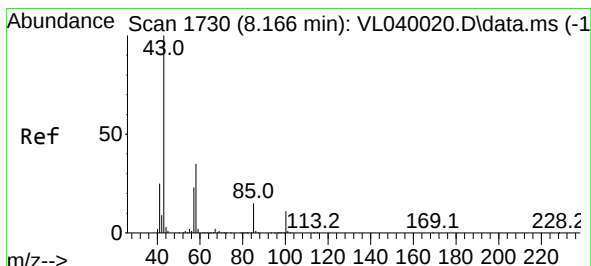
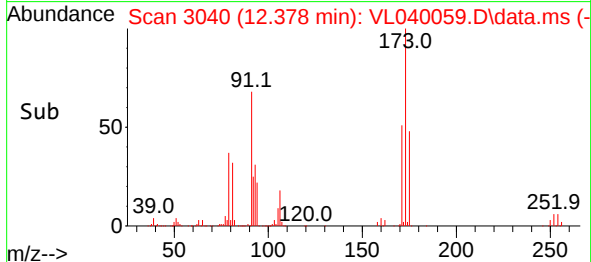
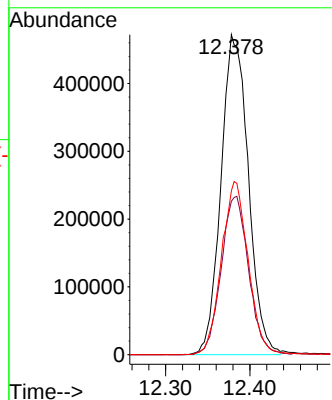
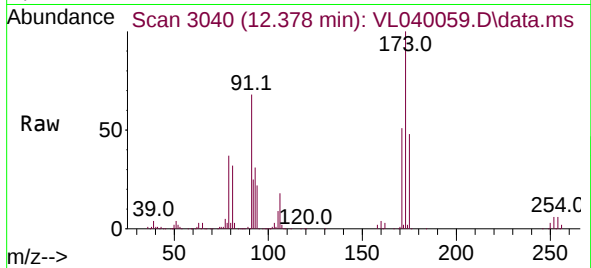




#49
Bromoform
Concen: 9.891 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

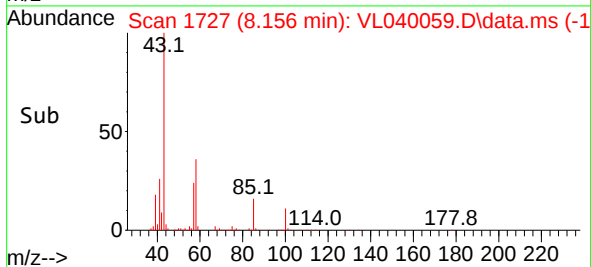
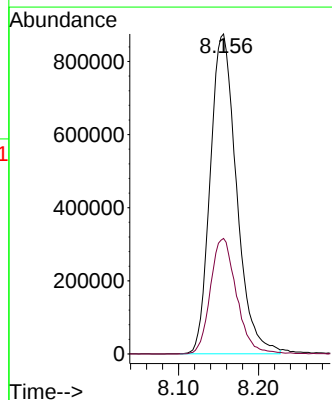
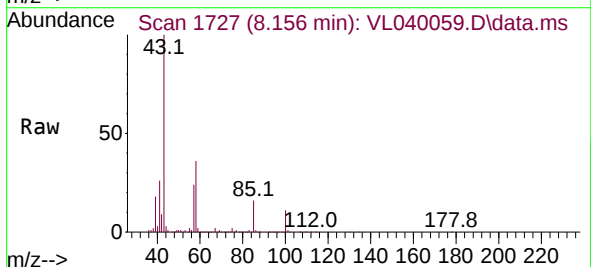
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

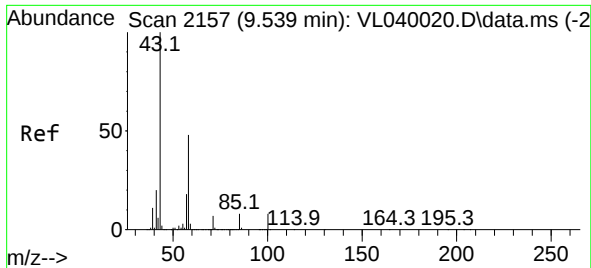
Tgt Ion:173 Resp: 1063086
Ion Ratio Lower Upper
173 100
175 49.8 39.0 58.4
171 53.2 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 8.914 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 43 Resp: 1996360
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.4

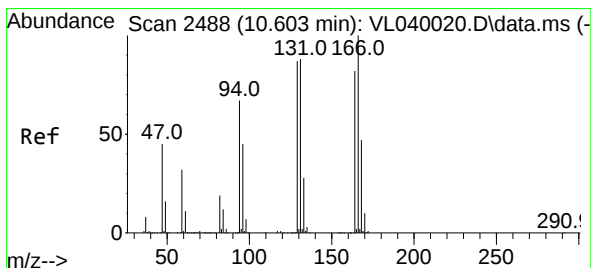
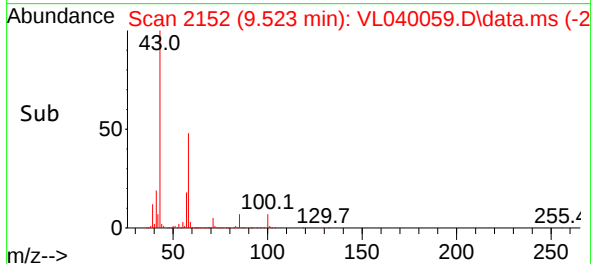
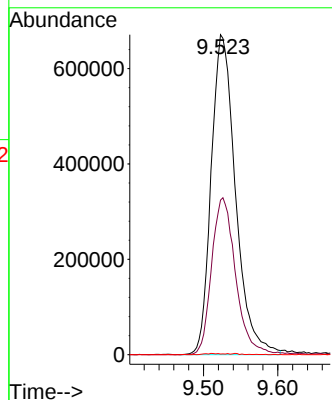
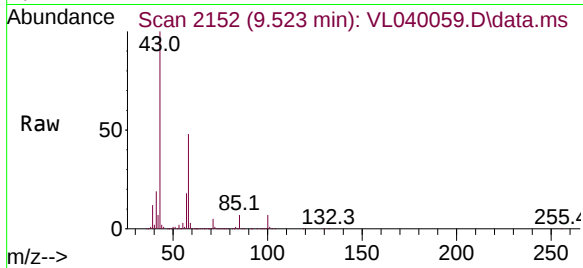




#51
2-Hexanone
Concen: 8.783 ppbv
RT: 9.523 min Scan# 2157
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

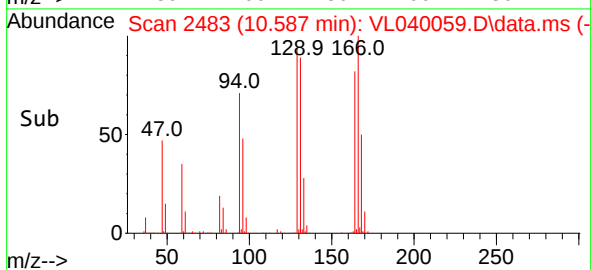
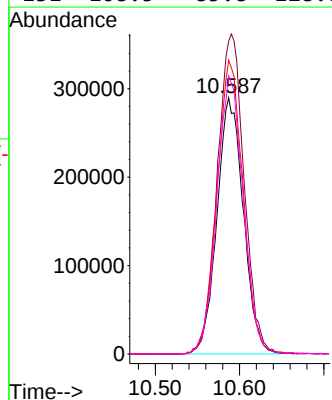
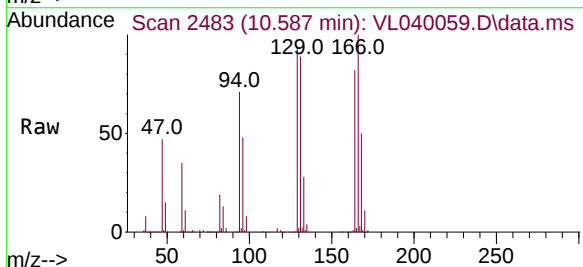
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

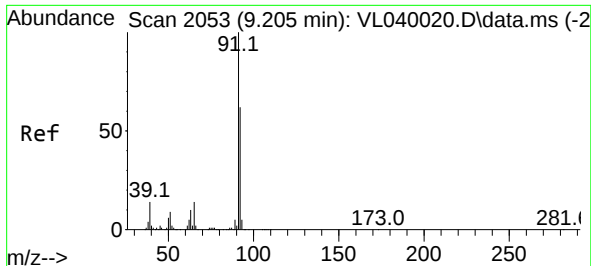
Tgt Ion: 43 Resp: 1530023
Ion Ratio Lower Upper
43 100
58 49.0 39.4 59.2
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 8.205 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 164 Resp: 629612
Ion Ratio Lower Upper
164 100
166 122.2 97.4 146.0
129 114.5 84.3 126.5
131 108.5 85.8 128.8

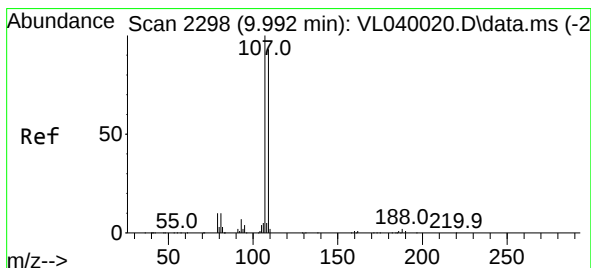
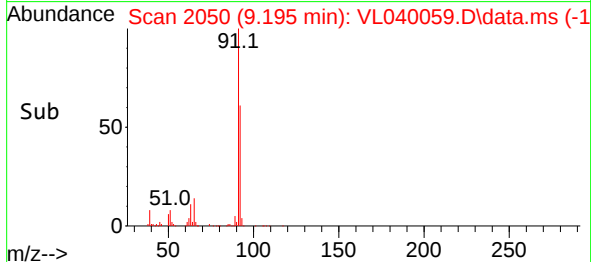
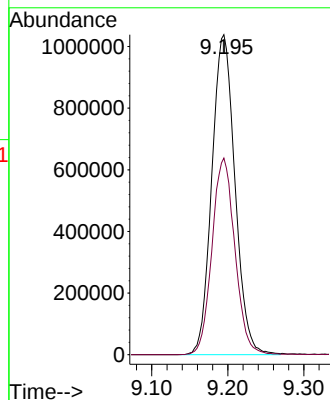
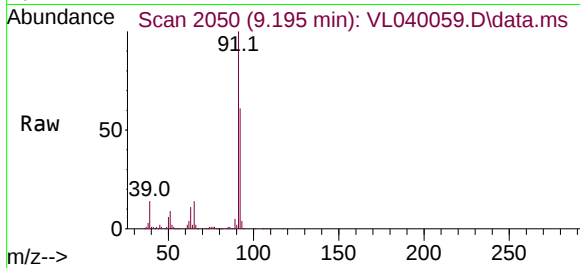




#53
Toluene
Concen: 8.781 ppbv
RT: 9.195 min Scan# 2053
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

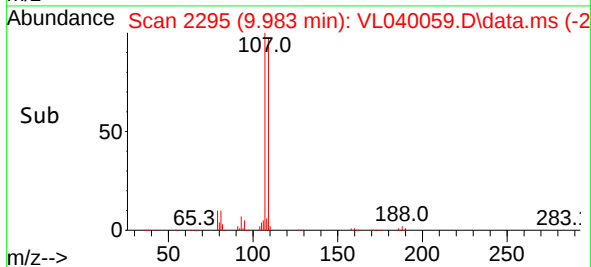
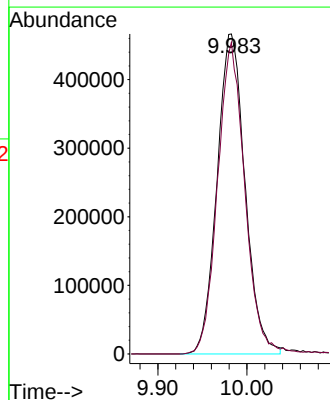
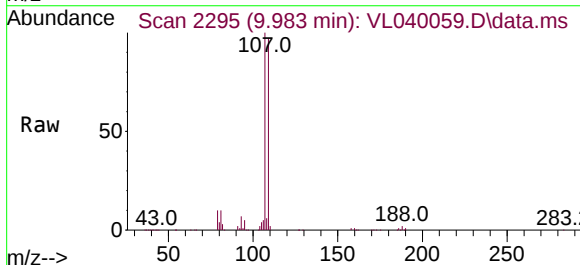
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

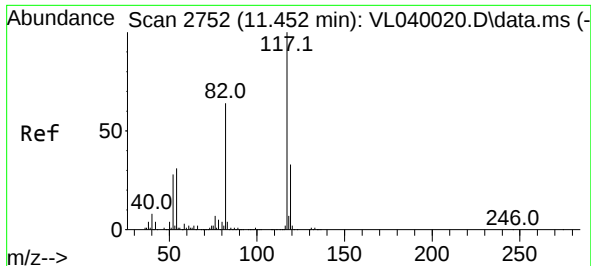
Tgt Ion: 91 Resp: 2194060
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1



#54
1,2-Dibromoethane
Concen: 10.215 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 107 Resp: 1019026
Ion Ratio Lower Upper
107 100
109 97.4 74.1 111.1

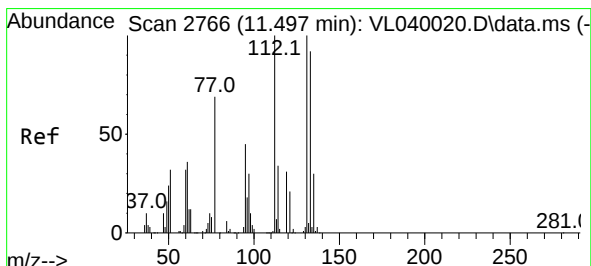
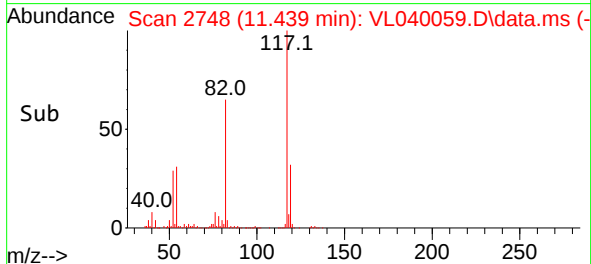
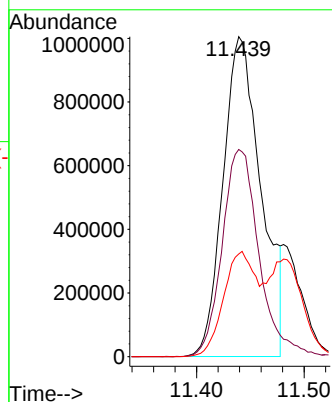
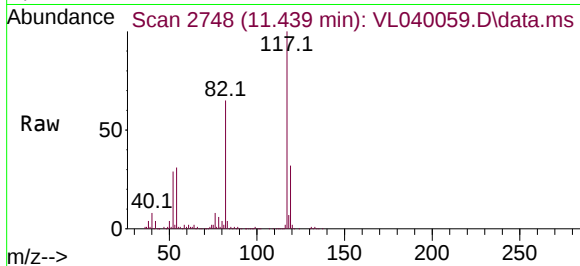




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2752
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

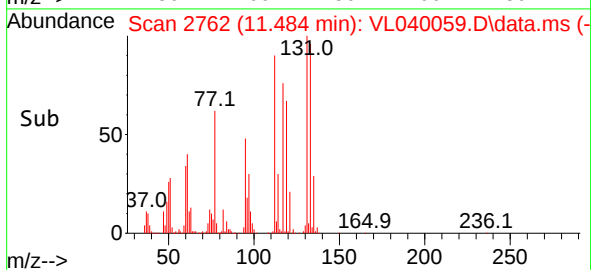
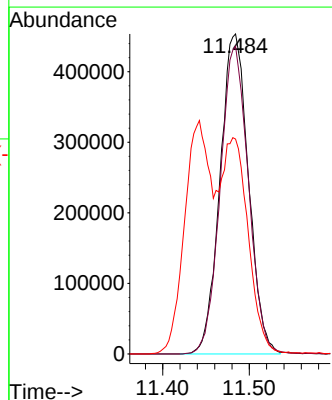
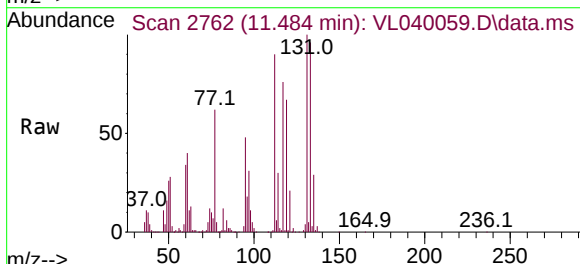
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

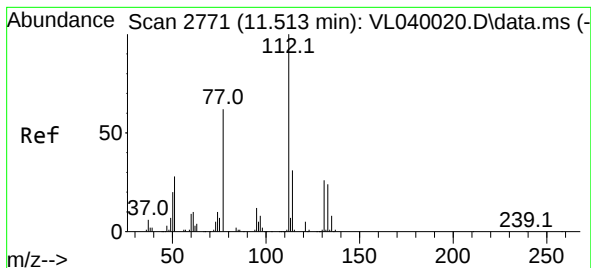
Tgt Ion:117 Resp: 2471059
Ion Ratio Lower Upper
117 100
82 63.3 51.2 76.8
119 27.6 23.2 34.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.084 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion:131 Resp: 1035412
Ion Ratio Lower Upper
131 100
133 95.4 75.8 113.8
119 69.1 52.3 78.5

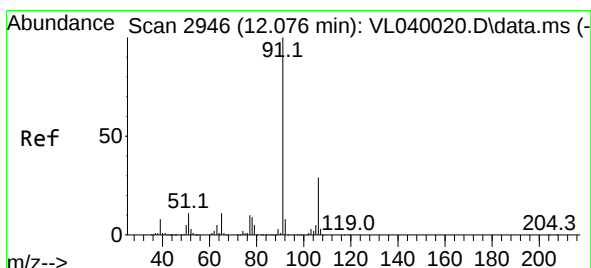
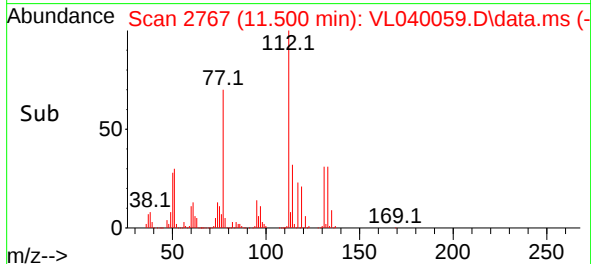
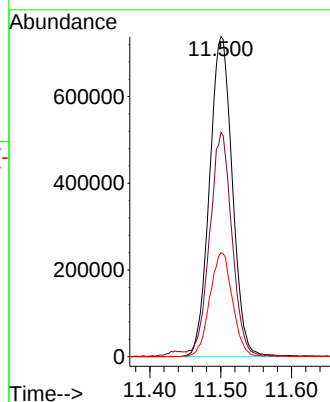
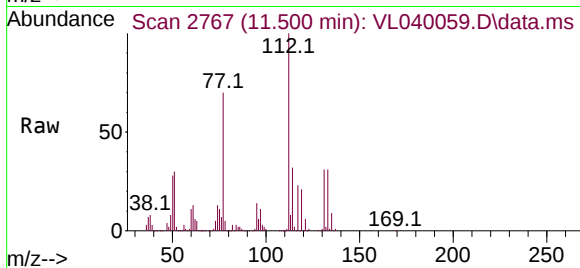




#57
Chlorobenzene
Concen: 7.874 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

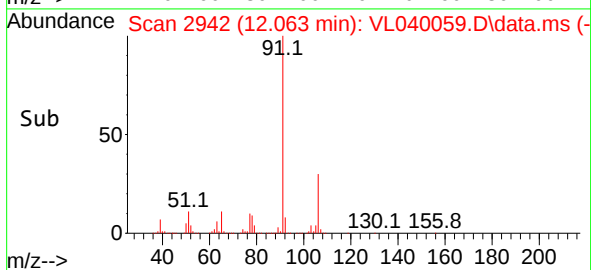
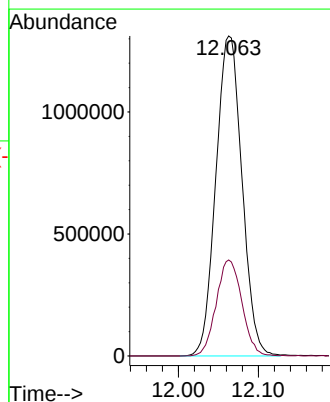
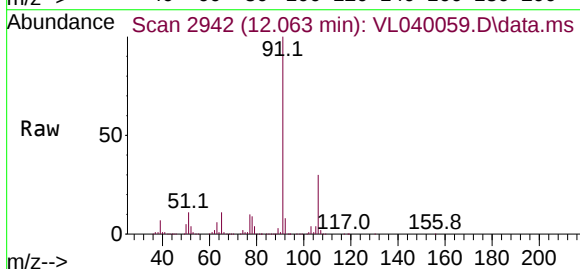
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

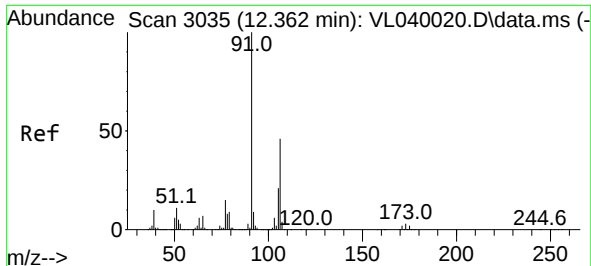
Tgt Ion:112 Resp: 1651631
Ion Ratio Lower Upper
112 100
77 69.7 50.6 75.8
114 32.4 27.8 34.0



#58
Ethyl Benzene
Concen: 8.463 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 91 Resp: 2971320
Ion Ratio Lower Upper
91 100
106 30.0 23.5 35.3





#59

m/p-Xylene

Concen: 7.999 ppbv

RT: 12.349 min Scan# 3035

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

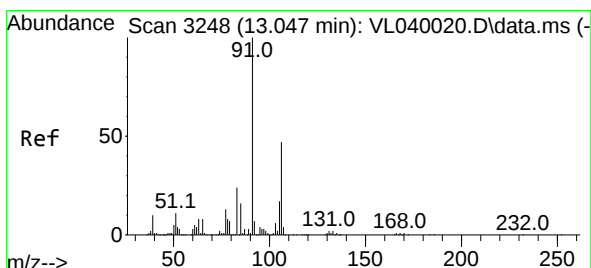
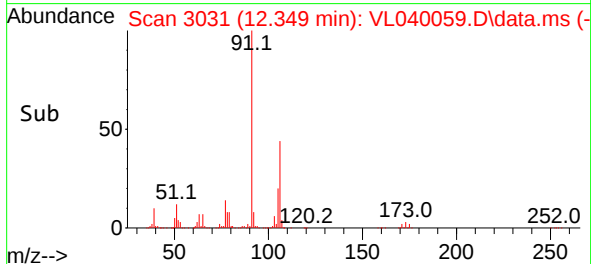
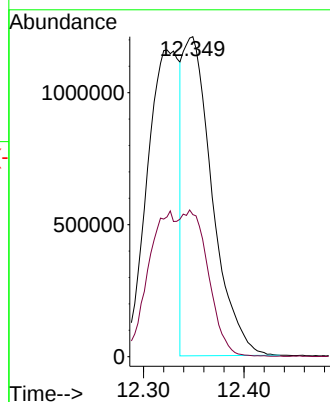
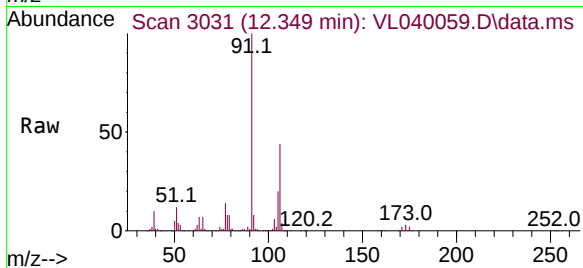
VSTDCCC010EC

Tgt Ion: 91 Resp: 2446698

Ion Ratio Lower Upper

91 100

106 89.2 35.5 53.3#



#60

o-Xylene

Concen: 8.384 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. -0.013 min

Lab File: VL040059.D

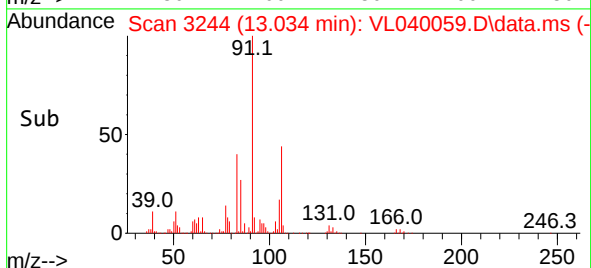
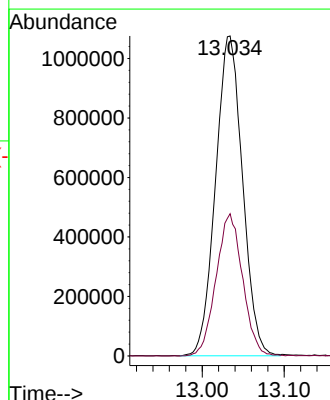
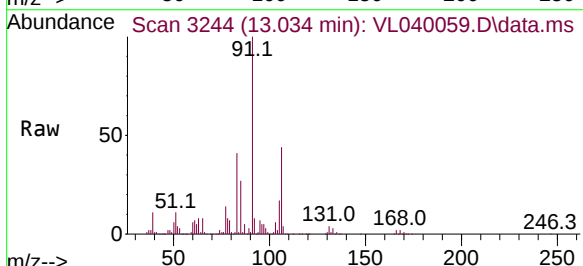
Acq: 20 Dec 2022 16:48

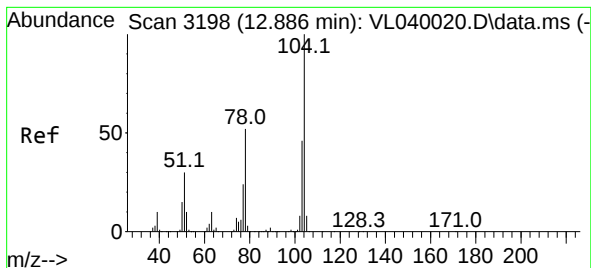
Tgt Ion: 91 Resp: 2456637

Ion Ratio Lower Upper

91 100

106 43.7 22.4 67.0





#61

Styrene

Concen: 8.625 ppbv

RT: 12.873 min Scan# 3198

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

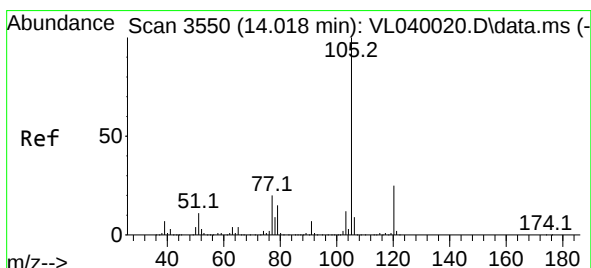
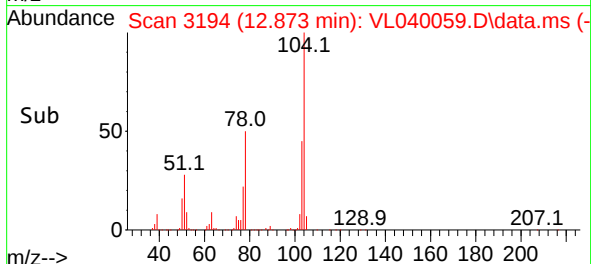
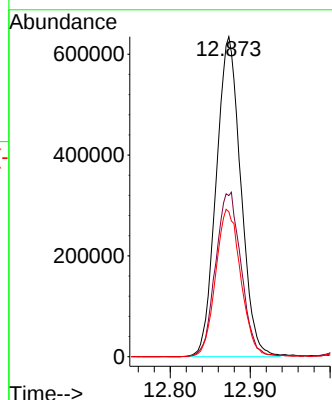
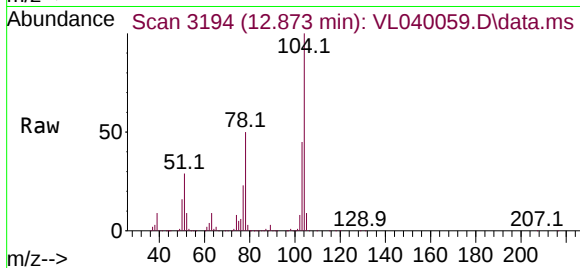
Tgt Ion:104 Resp: 1355546

Ion Ratio Lower Upper

104 100

78 53.6 42.4 63.6

103 47.2 37.2 55.8



#62

Isopropylbenzene

Concen: 8.606 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. -0.013 min

Lab File: VL040059.D

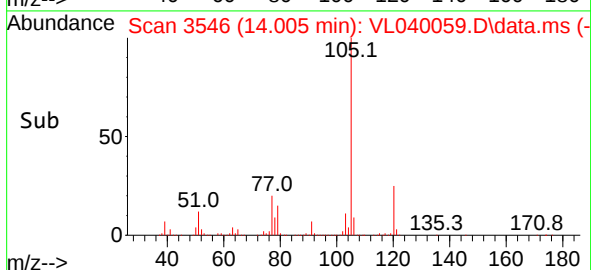
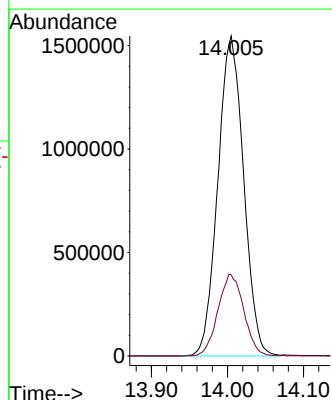
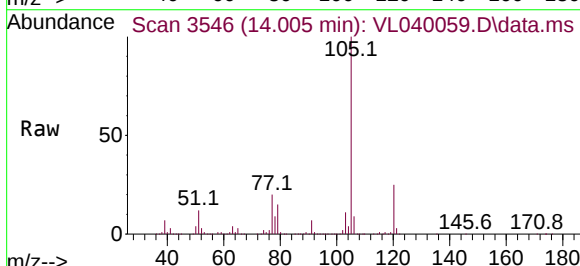
Acq: 20 Dec 2022 16:48

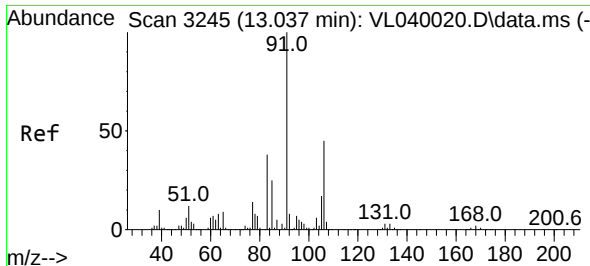
Tgt Ion:105 Resp: 3635903

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

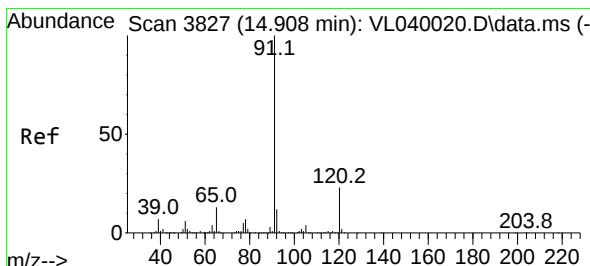
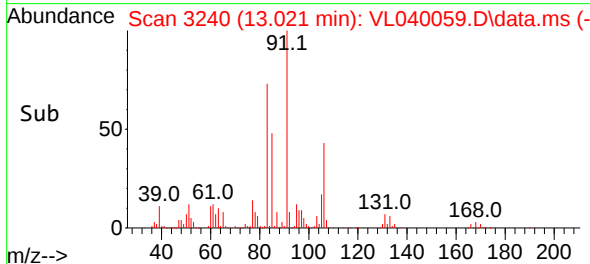
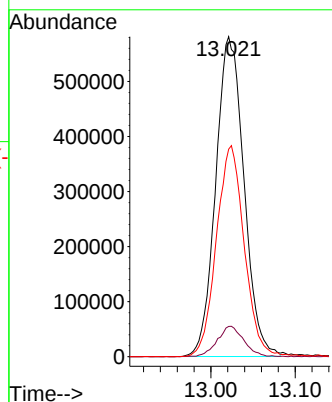
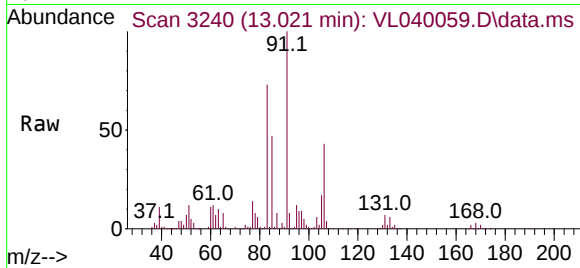




#63
1,1,2,2-Tetrachloroethane
Concen: 12.597 ppbv
RT: 13.021 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

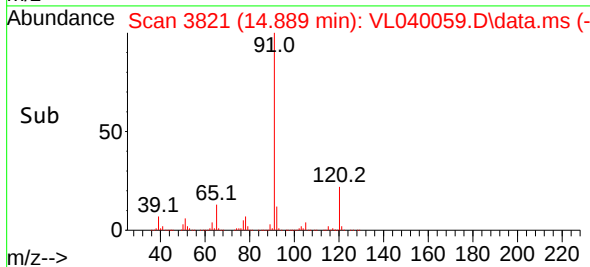
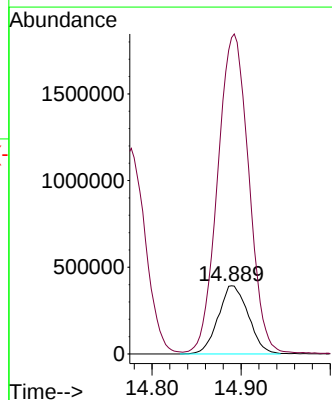
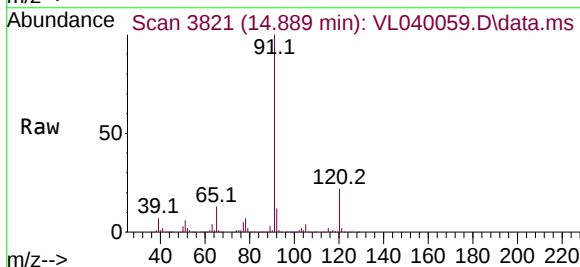
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

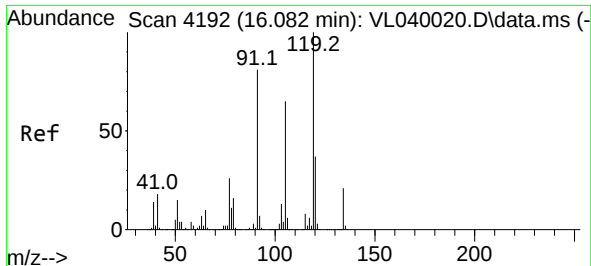
Tgt Ion: 83 Resp: 1353304
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 65.4 33.3 99.9



#64
n-propylbenzene
Concen: 8.643 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.019 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 120 Resp: 922315
Ion Ratio Lower Upper
120 100
91 487.8 384.3 576.5

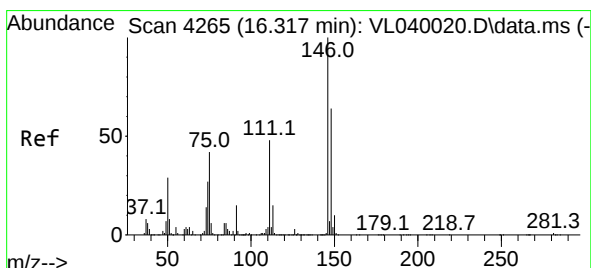
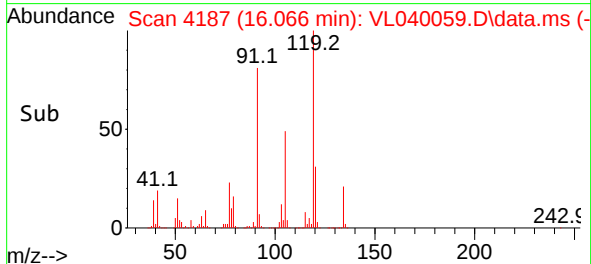
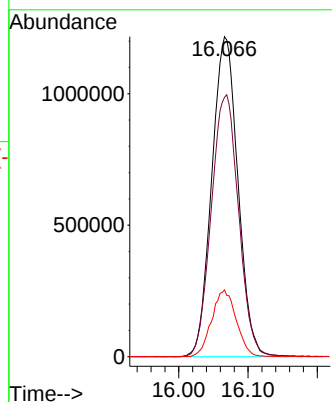
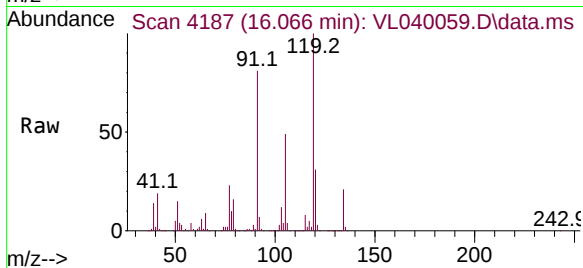




#65
tert-Butylbenzene
Concen: 8.681 ppbv
RT: 16.066 min Scan# 4192
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

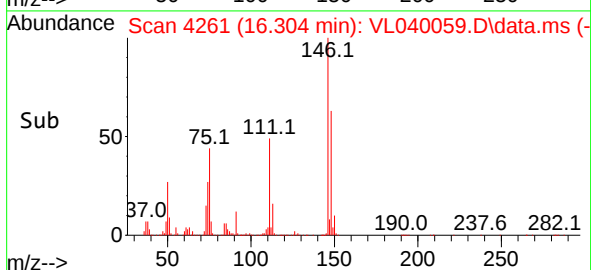
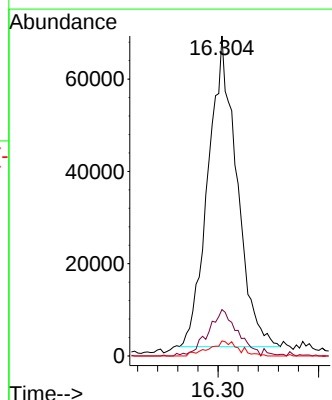
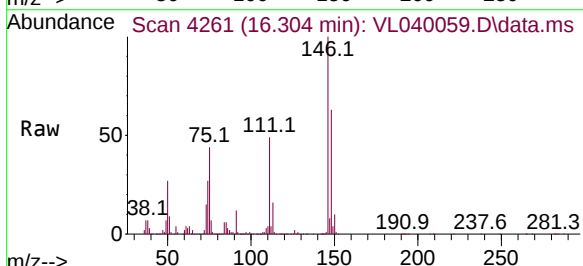
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

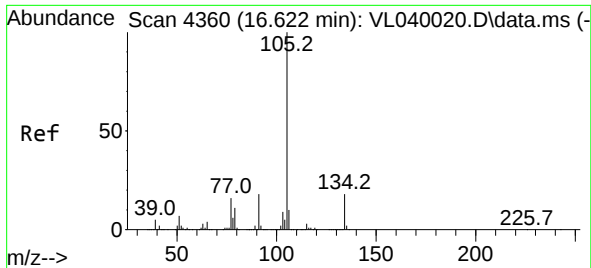
Tgt Ion:119 Resp: 3186913
Ion Ratio Lower Upper
119 100
91 85.4 66.9 100.3
134 19.6 15.8 23.6



#66
Benzyl Chloride
Concen: 6.226 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 91 Resp: 133296
Ion Ratio Lower Upper
91 100
126 16.0 12.2 18.2
128 5.0 4.2 6.2

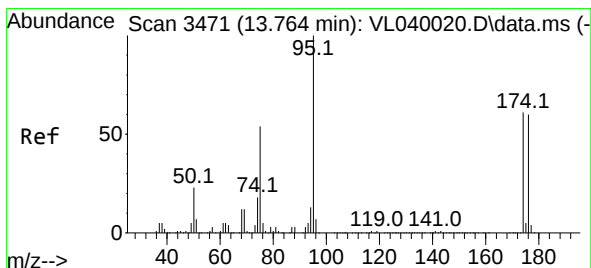
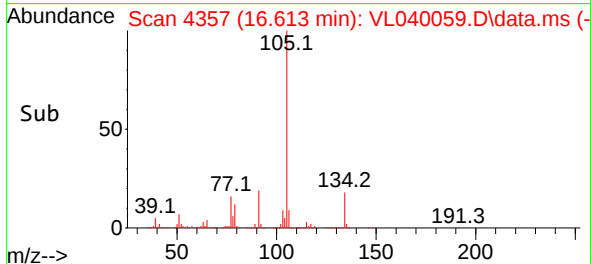
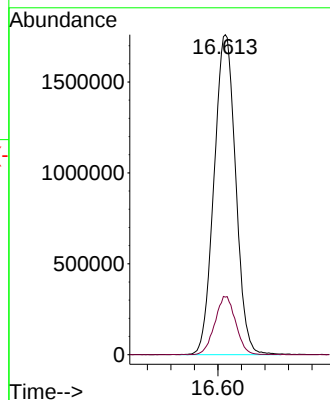
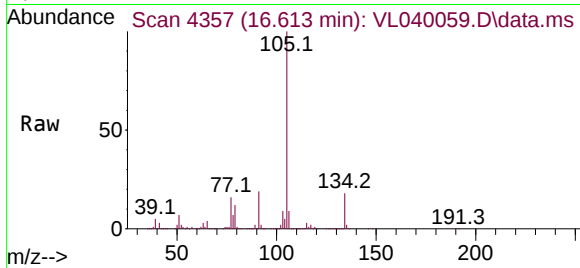




#67
 sec-Butylbenzene
 Concen: 8.727 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

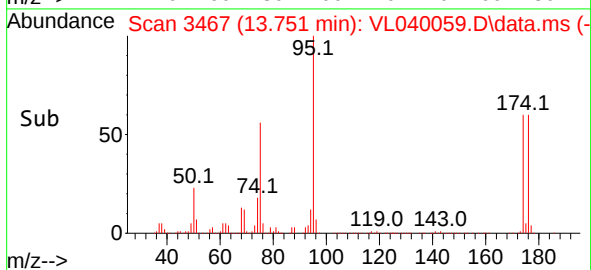
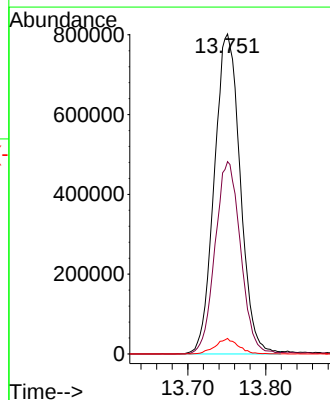
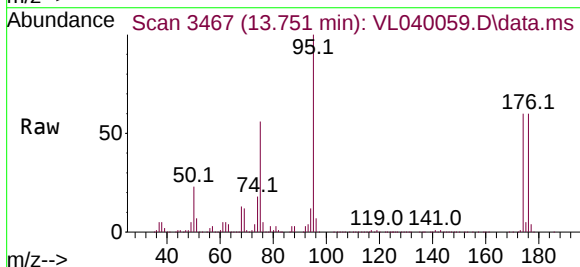
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

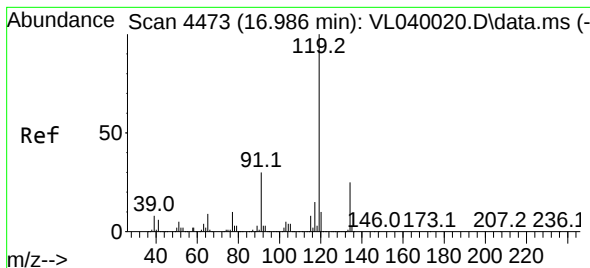
Tgt Ion:105 Resp: 4489875
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.809 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. -0.013 min
 Lab File: VL040059.D
 Acq: 20 Dec 2022 16:48

Tgt Ion: 95 Resp: 1851569
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.6 73.0
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.667 ppbv

RT: 16.973 min Scan# 4469

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

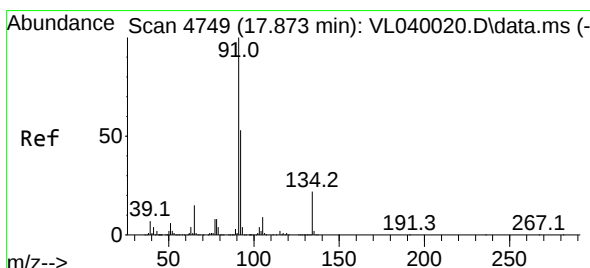
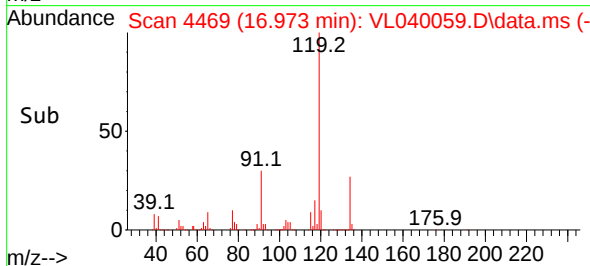
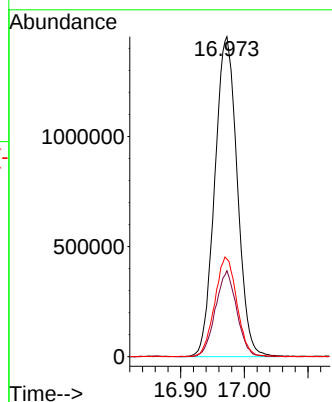
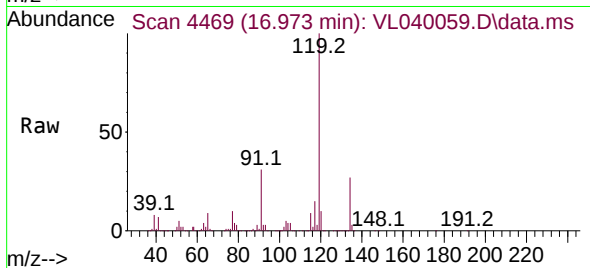
Tgt Ion:119 Resp: 3561951

Ion Ratio Lower Upper

119 100

134 25.5 20.2 30.4

91 30.6 24.2 36.4



#70

n-Butylbenzene

Concen: 8.723 ppbv

RT: 17.860 min Scan# 4745

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

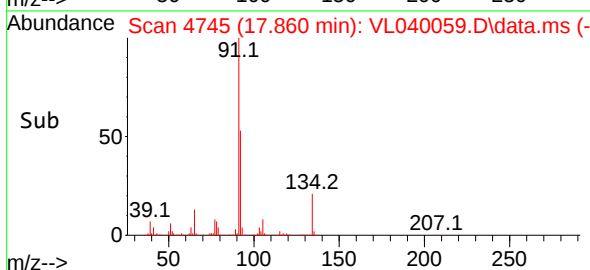
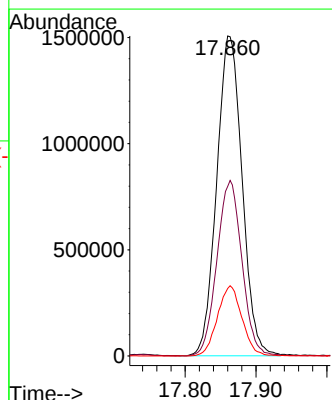
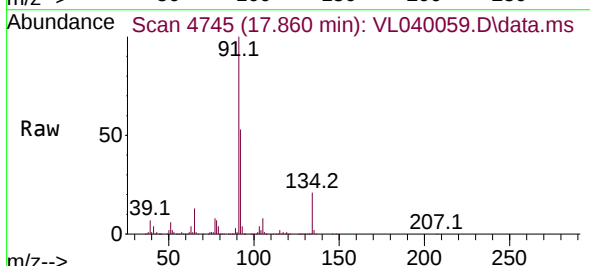
Tgt Ion: 91 Resp: 3755875

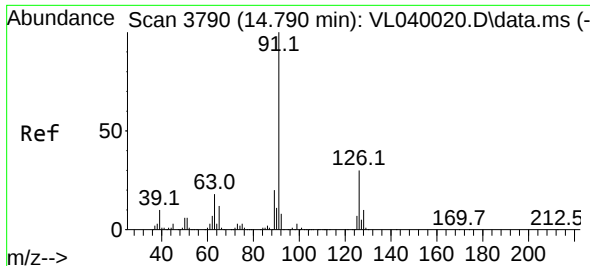
Ion Ratio Lower Upper

91 100

92 54.1 43.2 64.8

134 21.3 17.4 26.2

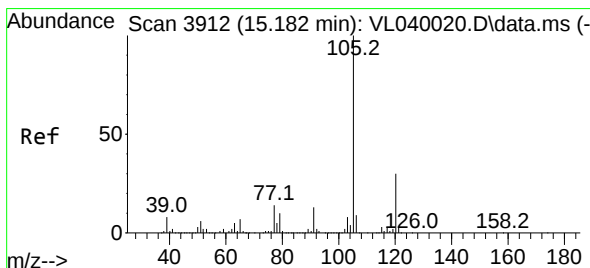
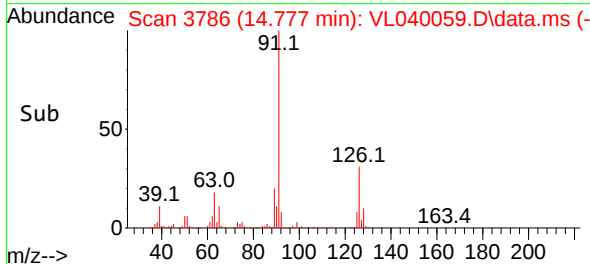
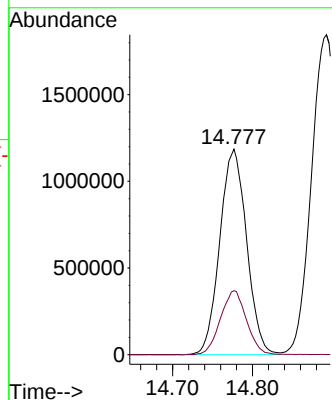
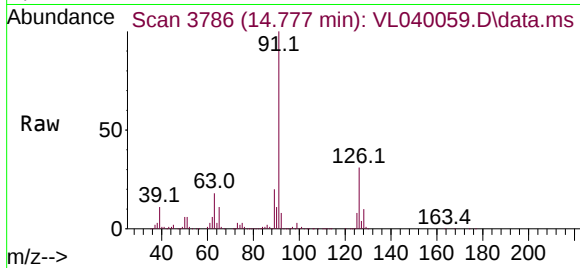




#71
2-Chlorotoluene
Concen: 8.571 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

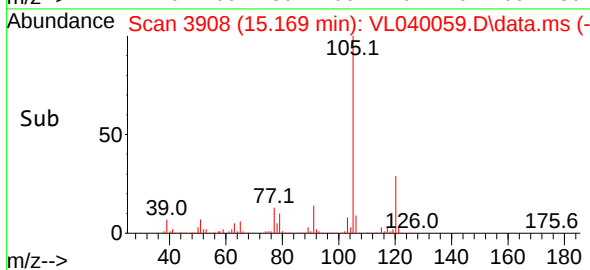
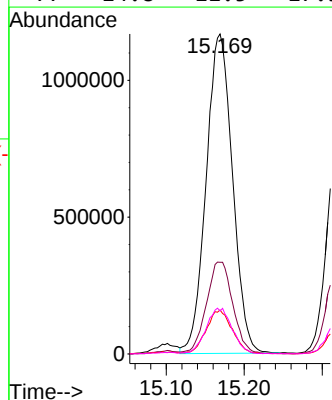
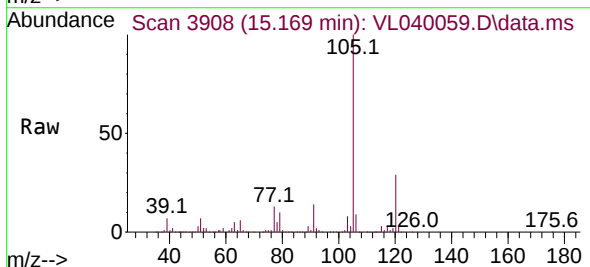
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

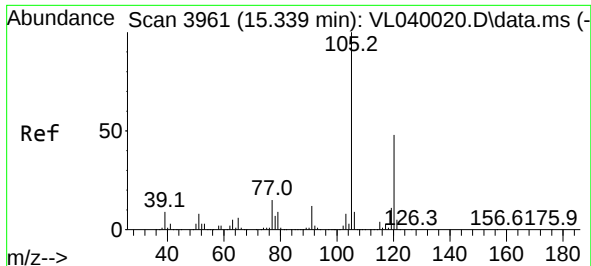
Tgt Ion: 91 Resp: 2762593
Ion Ratio Lower Upper
91 100
126 30.3 12.1 48.5



#72
4-Ethyltoluene
Concen: 8.432 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion: 105 Resp: 2743493
Ion Ratio Lower Upper
105 100
120 28.9 23.5 35.3
91 14.3 10.5 15.7
77 14.8 11.5 17.3

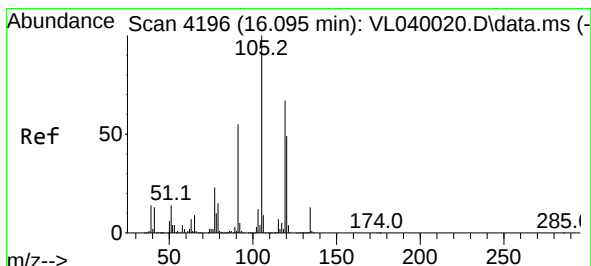
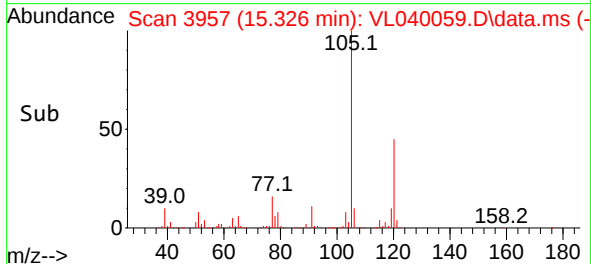
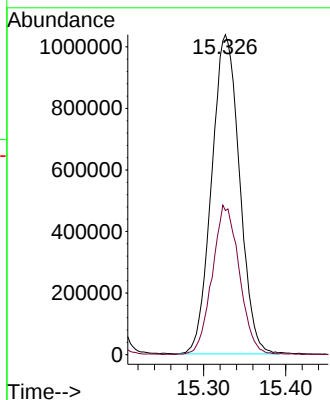
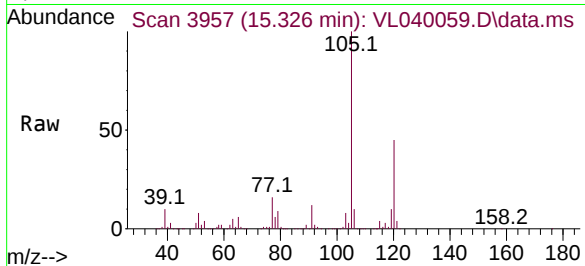




#73
1,3,5-Trimethylbenzene
Concen: 8.357 ppbv
RT: 15.326 min Scan# 3961
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

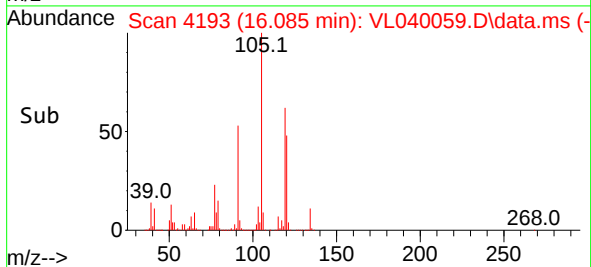
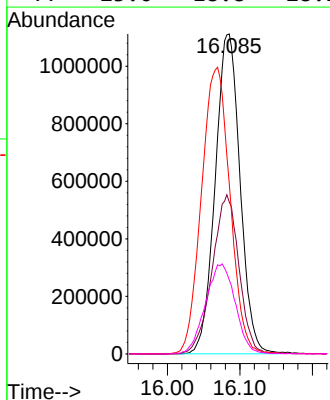
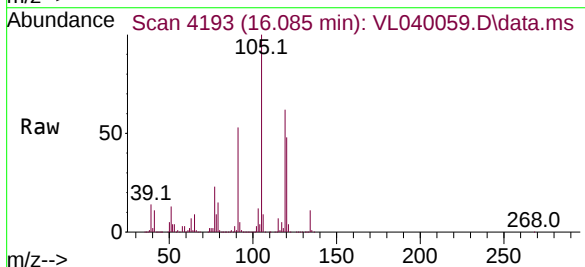
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

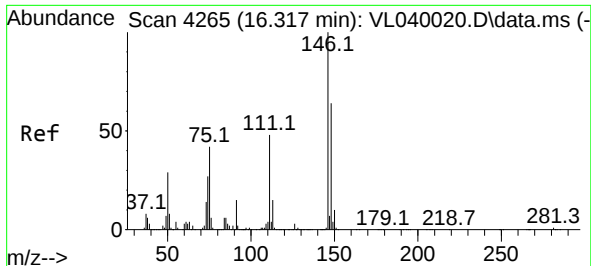
Tgt Ion:105 Resp: 2452199
Ion Ratio Lower Upper
105 100
120 44.9 38.4 57.6



#74
1,2,4-Trimethylbenzene
Concen: 8.184 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion:105 Resp: 2647082
Ion Ratio Lower Upper
105 100
120 47.4 39.3 58.9
91 53.0 44.2 66.4
77 23.0 18.8 28.2

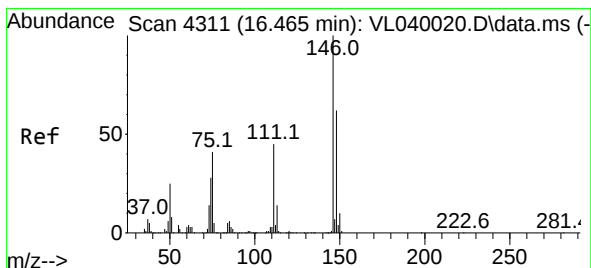
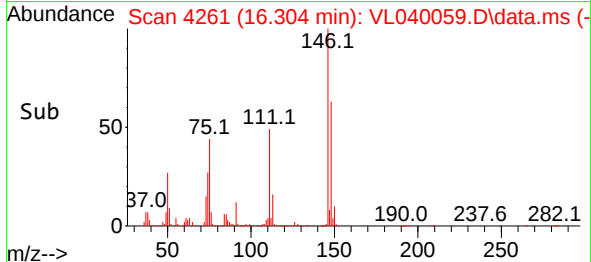
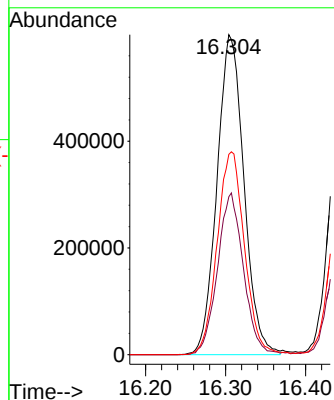
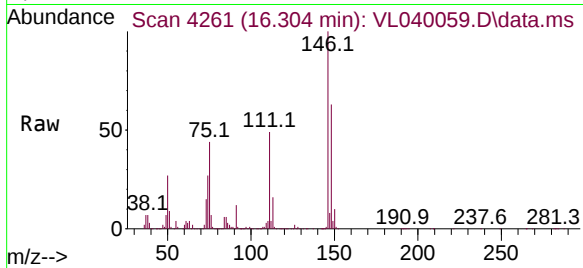




#75
1,3-Dichlorobenzene
Concen: 7.921 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

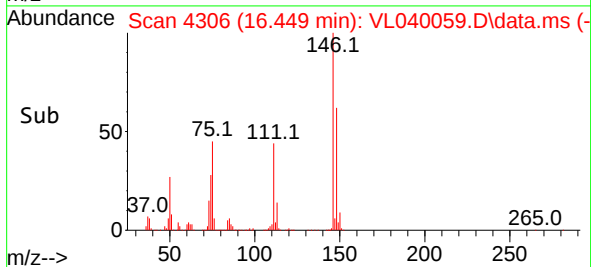
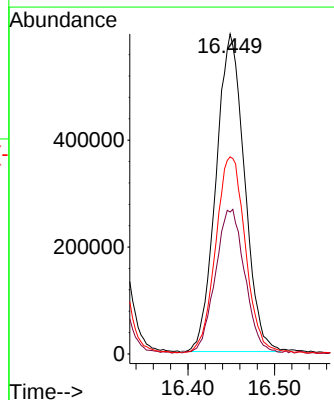
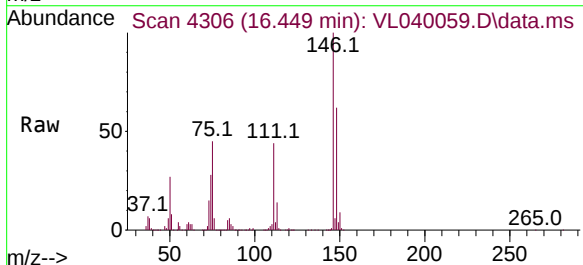
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

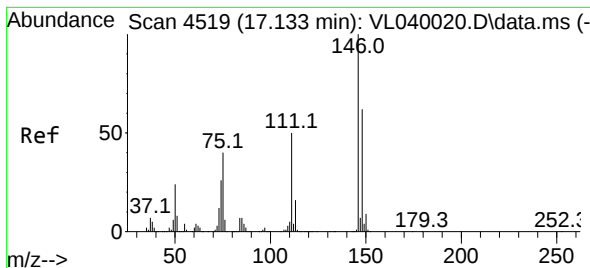
Tgt Ion:146 Resp: 1401893
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 64.5 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 7.866 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion:146 Resp: 1359122
Ion Ratio Lower Upper
146 100
111 47.7 23.4 70.2
148 65.9 32.0 96.2





#77

1,2-Dichlorobenzene

Concen: 8.038 ppbv

RT: 17.121 min Scan# 4519

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

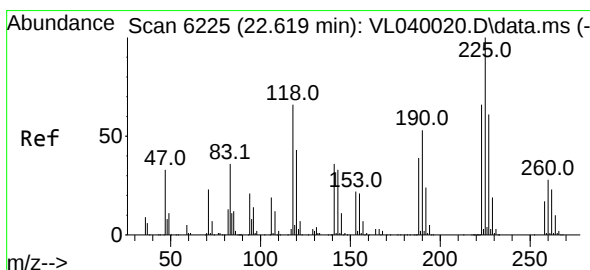
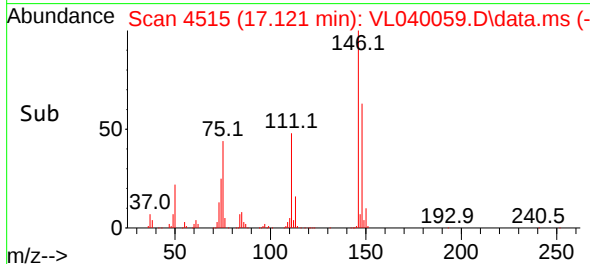
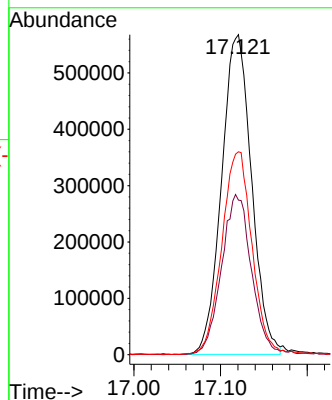
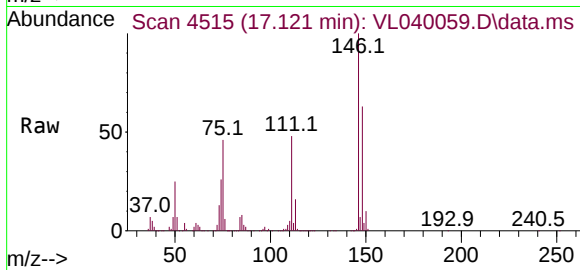
Tgt Ion:146 Resp: 1364342

Ion Ratio Lower Upper

146 100

111 50.3 25.3 75.9

148 64.3 31.9 95.9



#78

Hexachloro-1,3-Butadiene

Concen: 7.067 ppbv

RT: 22.606 min Scan# 6221

Delta R.T. -0.013 min

Lab File: VL040059.D

Acq: 20 Dec 2022 16:48

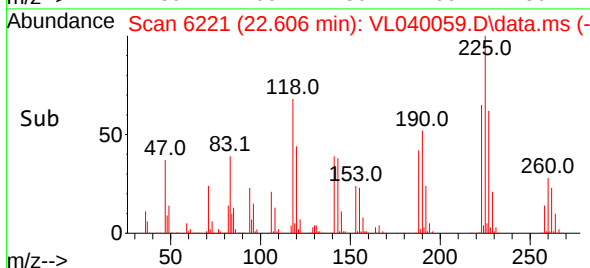
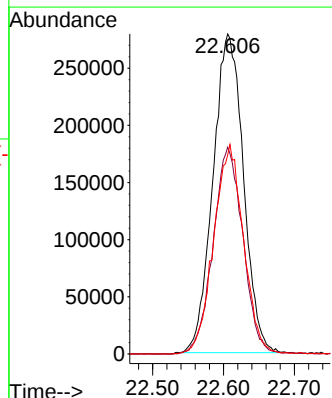
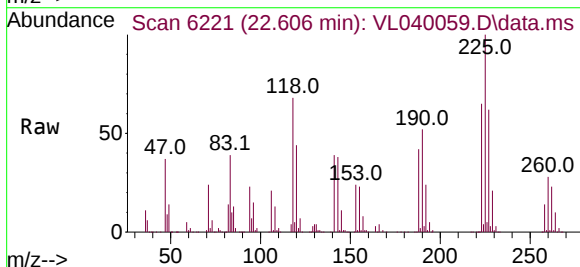
Tgt Ion:225 Resp: 832125

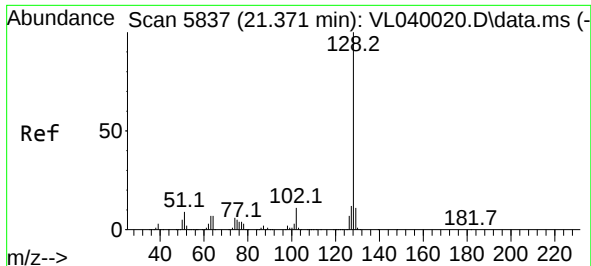
Ion Ratio Lower Upper

225 100

223 63.7 0.0 0.0#

227 64.4 0.0 0.0#

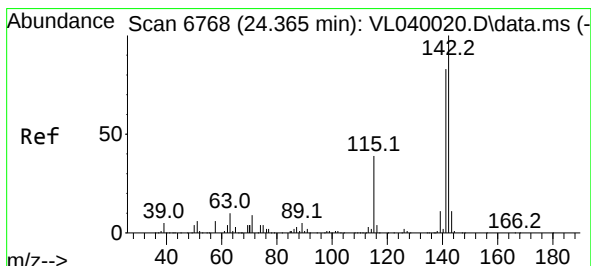
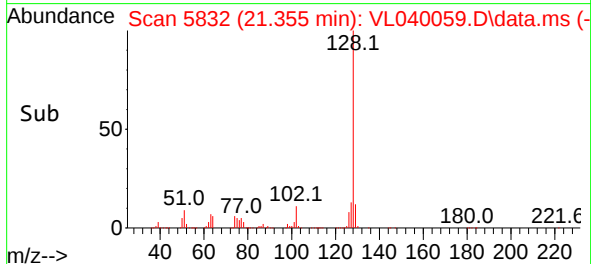
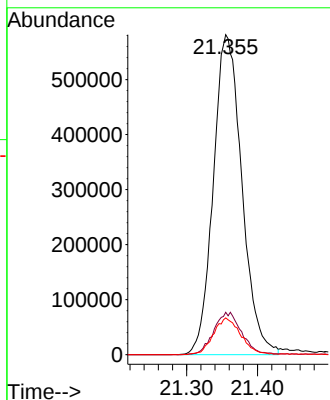
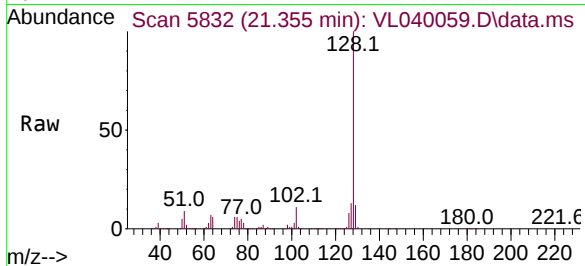




#79
Naphthalene
Concen: 8.440 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.016 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

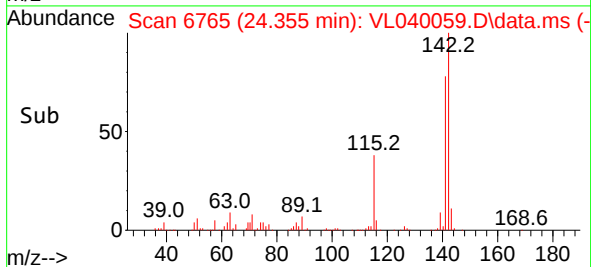
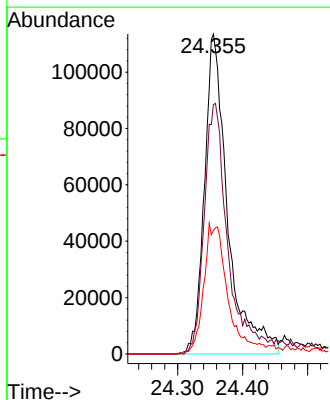
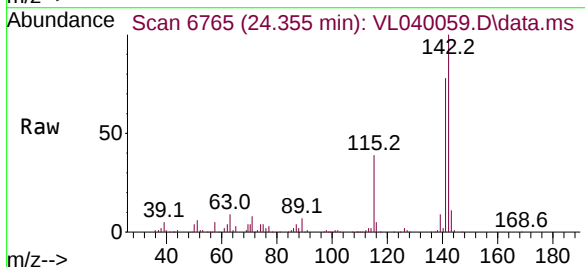
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

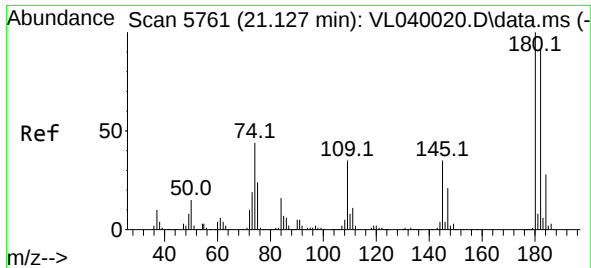
Tgt Ion:128 Resp: 1626660
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.5 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 4.798 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.010 min
Lab File: VL040059.D
Acq: 20 Dec 2022 16:48

Tgt Ion:142 Resp: 282935
Ion Ratio Lower Upper
142 100
141 84.9 65.3 97.9
115 45.7 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 3.859 ppbv

RT: 21.111 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040059.D

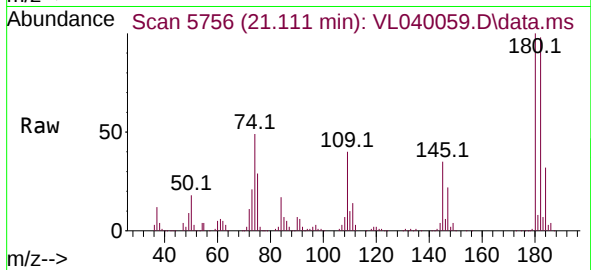
Acq: 20 Dec 2022 16:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 441809

Ion Ratio Lower Upper

180 100

182 0.0 76.6 115.0#

184 0.0 24.9 37.3#

