

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040506.D
 Acq On : 10 Jul 2023 11:48
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 11 02:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	1130444	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3041156	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	3632513	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2245741	7.812	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	2063572	9.126	ppbv	100
3) Chlorodifluoromethane	2.684	51	1658466	9.256	ppbv	100
4) Chloromethane	2.822	50	674207	9.498	ppbv	100
5) Vinyl Chloride	2.928	62	684360	9.182	ppbv	100
6) Bromomethane	3.128	94	288315	9.165	ppbv	100
7) Chloroethane	3.205	64	244402	9.346	ppbv	100
8) Dichlorotetrafluoroethane	2.867	85	1721283	9.253	ppbv	100
9) Propene	2.703	41	576666	9.401	ppbv	100
10) Heptane	7.590	43	1397960	10.321	ppbv	99
11) Trichlorofluoromethane	3.571	101	1649730	9.042	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.073	101	1179122	9.176	ppbv	100
13) Ethanol	3.247	45	112111	8.400	ppbv	100
14) Bromoethene	3.375	108	523456	9.474	ppbv	100
15) Acetone	3.475	43	1168425	8.979	ppbv	100
16) 1,3-Butadiene	2.993	39	649295	9.891	ppbv	100
17) tert-Butyl alcohol	3.883	59	1316785	9.784	ppbv	100
18) 1,1-Dichloroethene	3.890	96	551979	9.344	ppbv	100
19) Isopropyl Alcohol	3.581	45	744782	9.970	ppbv	100
20) Methylene Chloride	3.941	84	461637	8.340	ppbv	100
21) Allyl Chloride	4.005	41	716765	9.646	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	572562	9.824	ppbv	100
23) Vinyl Acetate	4.636	43	1282103	10.342	ppbv	100
24) 1,1-Dichloroethane	4.571	63	1168750	9.288	ppbv	100
25) Ethyl Acetate	5.211	43	2429395	9.807	ppbv	100
26) Hexane	5.221	57	1114801	9.687	ppbv	100
27) Carbon Disulfide	4.131	76	1419577	10.486	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	899567	9.709	ppbv	100
29) Chloroform	5.285	83	1793295	9.395	ppbv	100
30) Cyclohexane	6.610	84	946507	9.884	ppbv	100
31) cis-1,2-Dichloroethene	5.086	61	1151004	10.118	ppbv	100
32) 1,1,1-Trichloroethane	6.012	97	1782179	9.542	ppbv	100
34) 2-Butanone	4.793	43	1495319	9.951	ppbv	100
35) Carbon Tetrachloride	6.504	117	1818150	9.934	ppbv	100
36) Benzene	6.382	78	2406199	9.833	ppbv	100
37) 1,2-Dichloroethane	5.816	62	1331148	9.247	ppbv	100
38) Trichloroethene	7.304	130	950519	10.270	ppbv	100
39) 1,2-Dichloropropane	7.082	63	926321	9.834	ppbv	100
40) 1,4-Dioxane	7.298	88	287852	9.770	ppbv	# 26
41) Tetrahydrofuran	5.565	42	892472	10.177	ppbv	100
42) Bromodichloromethane	7.259	83	1961303	9.796	ppbv	100
43) Methyl Methacrylate	7.484	69	977907	10.677	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	3885124	9.868	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	687971	11.709	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040506.D
 Acq On : 10 Jul 2023 11:48
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

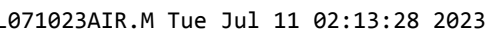
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

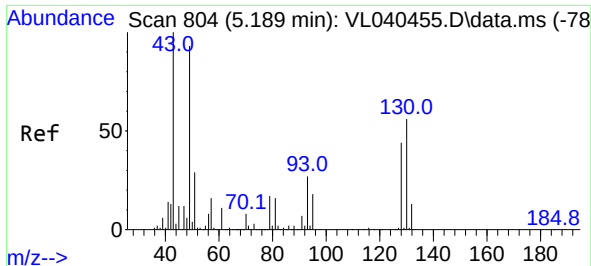
Quant Time: Jul 11 02:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	840968	11.156	ppbv	100
47) 1,1,2-Trichloroethane	8.909	97	1003390	9.654	ppbv	100
48) Dibromochloromethane	9.722	129	1684752	10.485	ppbv	100
49) Bromoform	12.423	173	1401897	11.004	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2258296	10.343	ppbv	100
51) 2-Hexanone	9.561	43	1722535	11.156	ppbv	100
52) Tetrachloroethene	10.626	164	863481	10.897	ppbv	100
53) Toluene	9.230	91	2805305	10.554	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1379084	10.675	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.520	131	1245580	7.657	ppbv	98
57) Chlorobenzene	11.536	112	2191505	7.736	ppbv	100
58) Ethyl Benzene	12.102	91	3803282	8.343	ppbv	100
59) m/p-Xylene	12.384	91	3278907	8.059	ppbv #	34
60) o-Xylene	13.069	91	3066943	7.913	ppbv	100
61) Styrene	12.912	104	1659366	9.281	ppbv	100
62) Isopropylbenzene	14.040	105	4556156	7.843	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2124742	7.828	ppbv	100
64) n-propylbenzene	14.931	120	1222083	8.131	ppbv	100
65) tert-Butylbenzene	16.101	119	4056621	7.888	ppbv	100
66) Benzyl Chloride	16.336	91	320310	8.804	ppbv	100
67) sec-Butylbenzene	16.648	105	5832867	7.719	ppbv	100
69) p-Isopropyltoluene	17.005	119	4954335	7.934	ppbv	100
70) n-Butylbenzene	17.896	91	5436083	7.806	ppbv	100
71) 2-Chlorotoluene	14.812	91	3565536	7.964	ppbv	100
72) 4-Ethyltoluene	15.204	105	3761898	8.280	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	3267910	8.160	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	3605174	7.721	ppbv	100
75) 1,3-Dichlorobenzene	16.343	146	2193826	7.749	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	2184187	7.868	ppbv	100
77) 1,2-Dichlorobenzene	17.153	146	2128490	7.863	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1858965	7.312	ppbv	100
79) Naphthalene	21.394	128	3823227	9.677	ppbv	100
80) Naphthalene,2-methyl-	24.378	142	1742810	10.699	ppbv	99
81) 1,2,4-Trichlorobenzene	21.149	180	2239038	8.224	ppbv	100

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

Quant Time: Jul 11 02:13:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

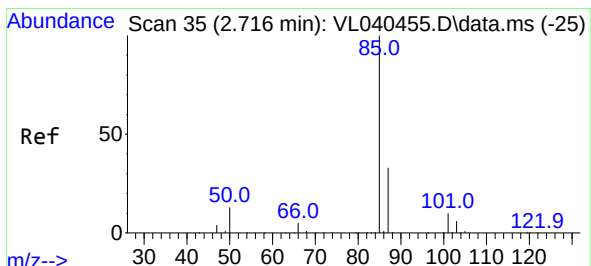
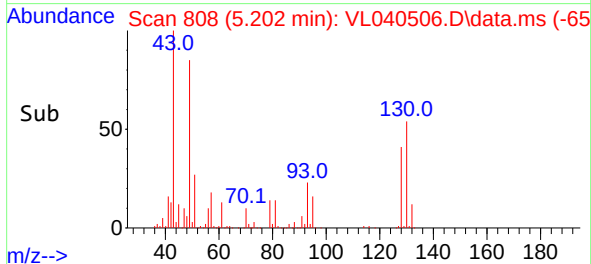
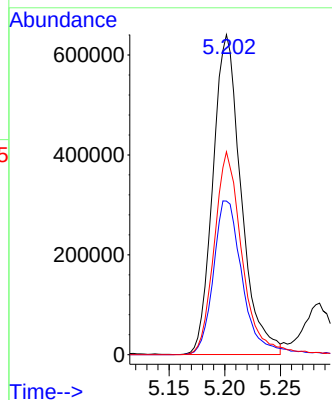
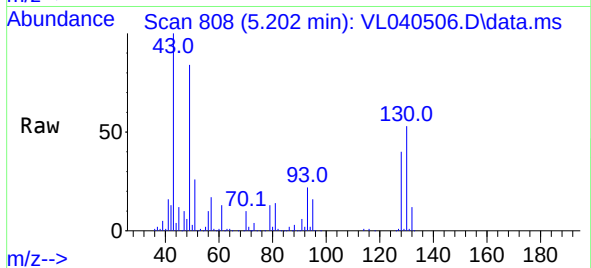




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

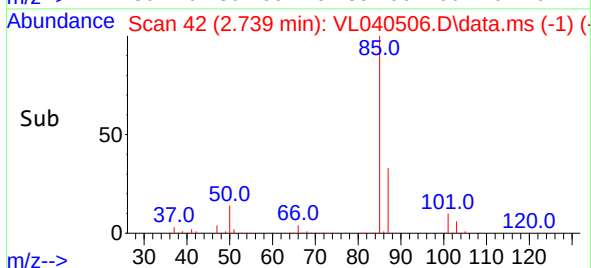
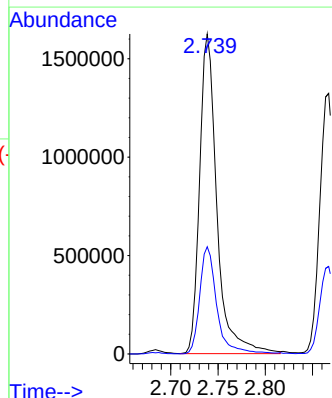
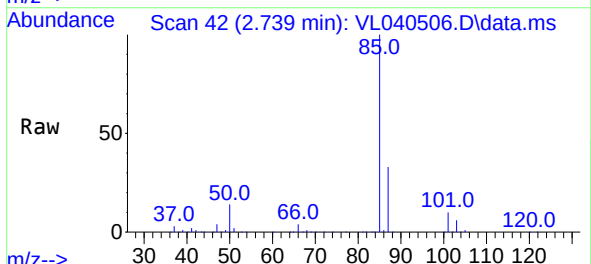
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

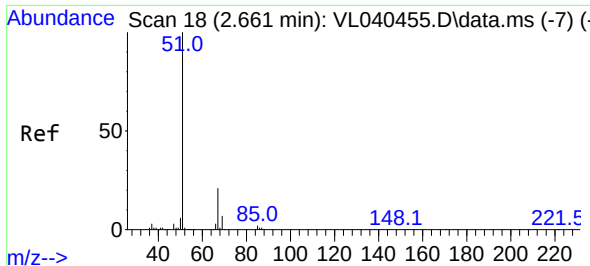
Tgt Ion: 49 Resp: 1130444
Ion Ratio Lower Upper
49 100
128 50.6 25.1 75.4
130 63.7 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 9.126 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 85 Resp: 2063572
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2

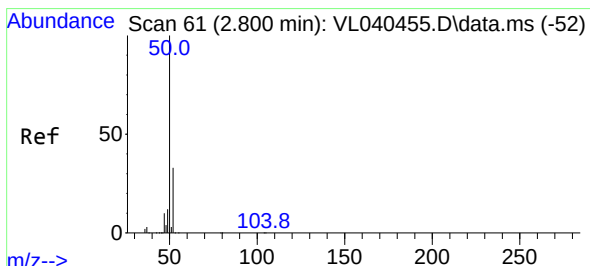
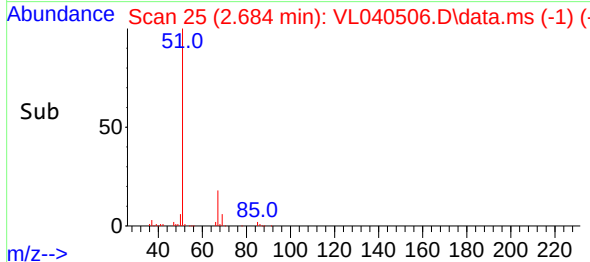
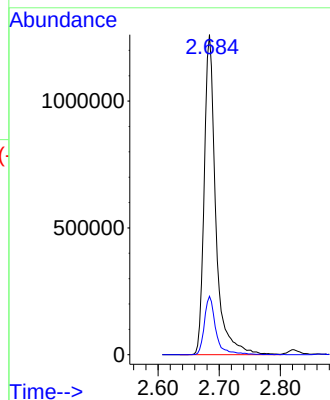
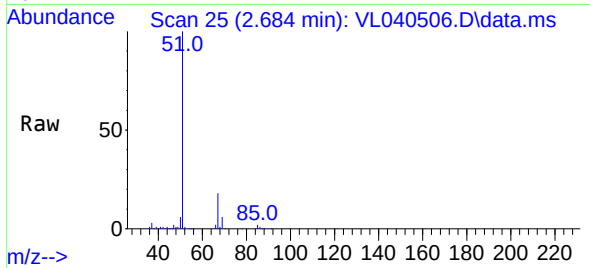




#3
Chlorodifluoromethane
Concen: 9.256 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

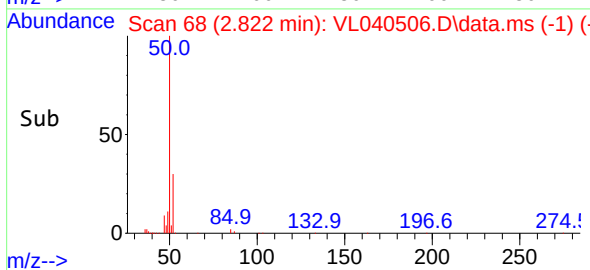
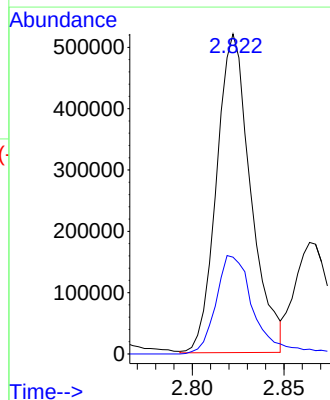
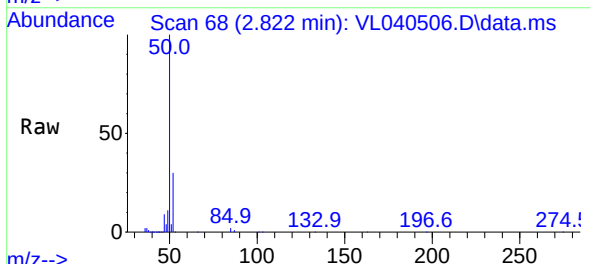
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1658466
Ion Ratio Lower Upper
51 100
67 18.2 14.6 21.8

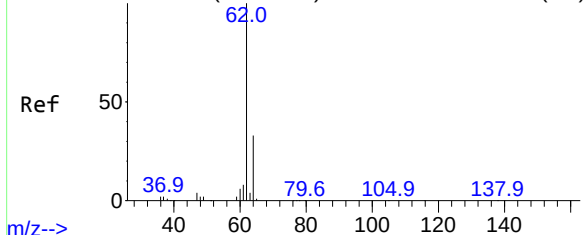


#4
Chloromethane
Concen: 9.498 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 50 Resp: 674207
Ion Ratio Lower Upper
50 100
52 30.5 24.4 36.6



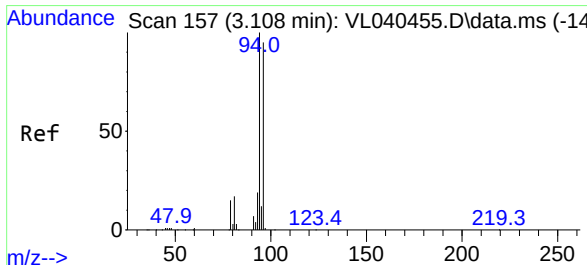
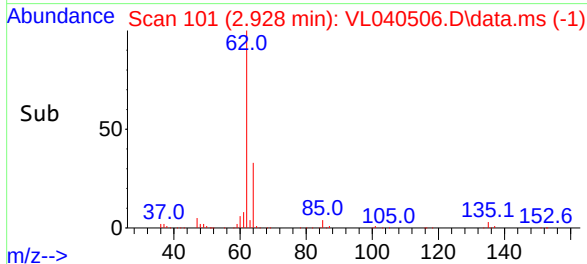
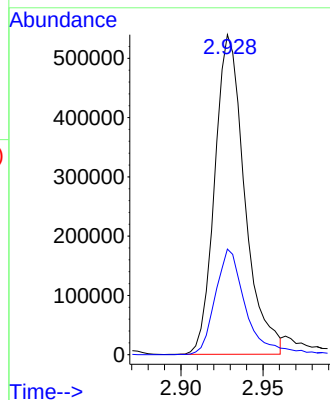
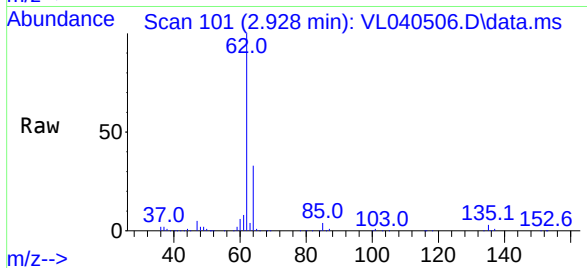
Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 9.182 ppbv
RT: 2.928 min Scan# 101
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

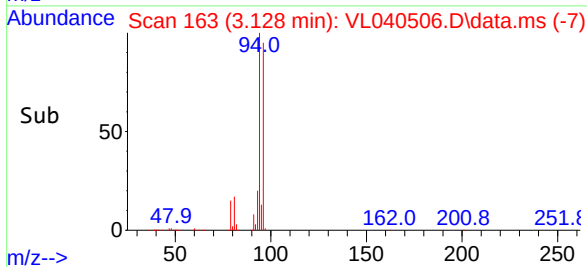
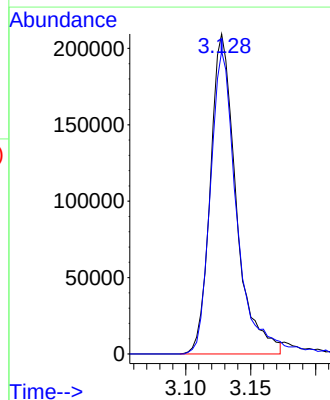
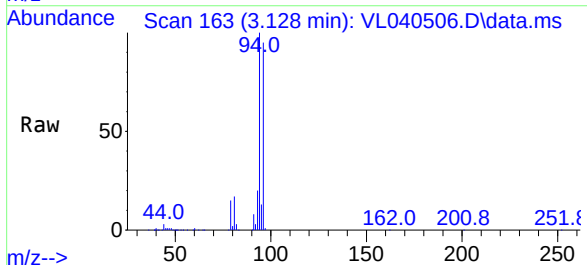
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

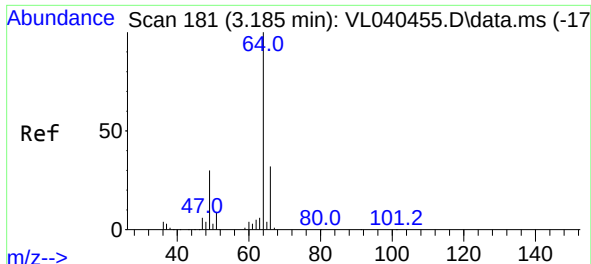
Tgt Ion: 62 Resp: 684360
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6



#6
Bromomethane
Concen: 9.165 ppbv
RT: 3.128 min Scan# 163
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 94 Resp: 288315
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5

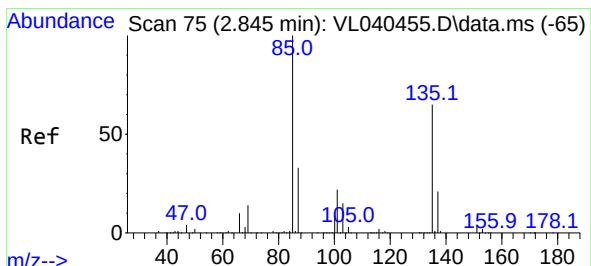
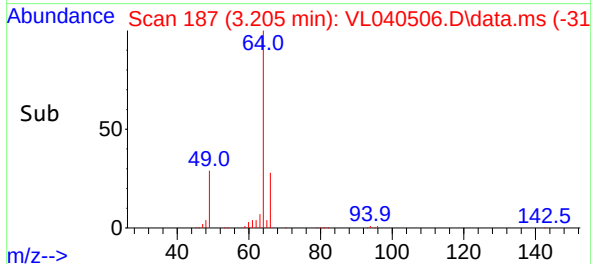
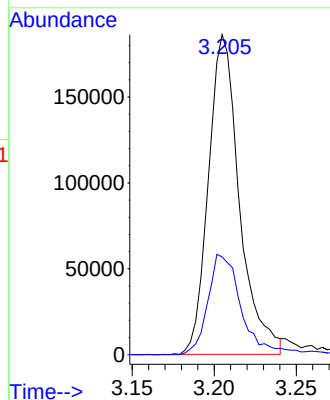
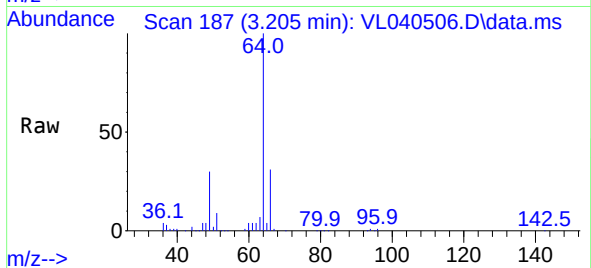




#7
Chloroethane
Concen: 9.346 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

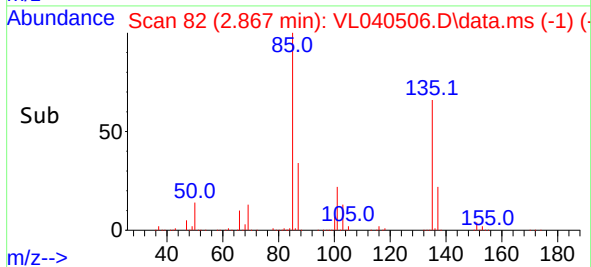
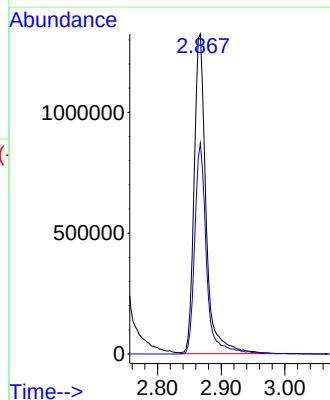
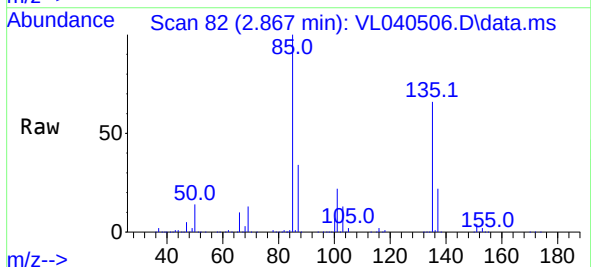
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 244402
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6

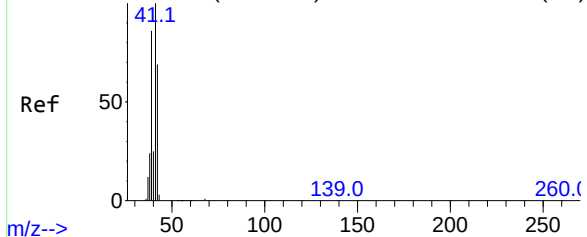


#8
Dichlorotetrafluoroethane
Concen: 9.253 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 85 Resp: 1721283
Ion Ratio Lower Upper
85 100
135 65.5 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 9.401 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

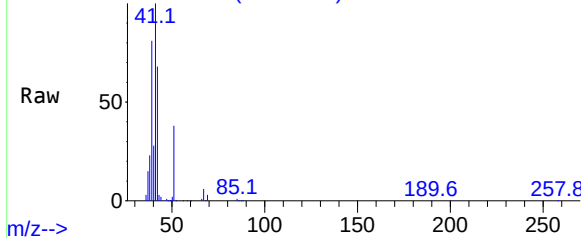
Tgt Ion: 41 Resp: 576666

Ion Ratio Lower Upper

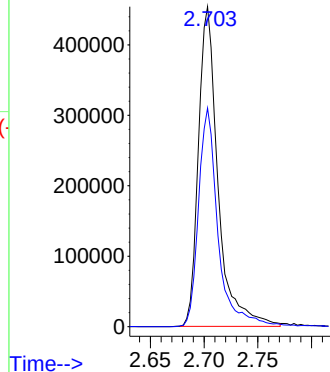
41 100

42 68.8 55.0 82.6

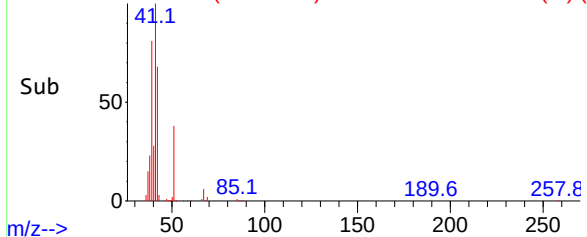
Abundance Scan 31 (2.703 min): VL040506.D\data.ms



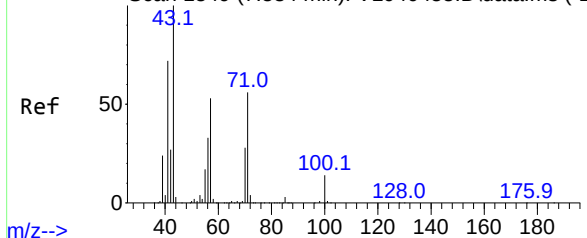
Abundance



Abundance Scan 31 (2.703 min): VL040506.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 10.321 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

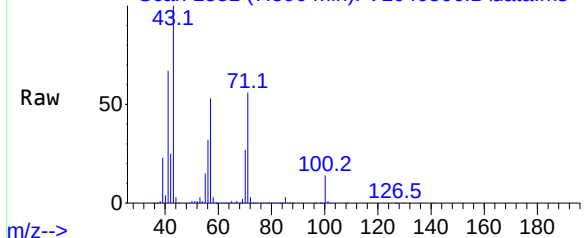
Tgt Ion: 43 Resp: 1397960

Ion Ratio Lower Upper

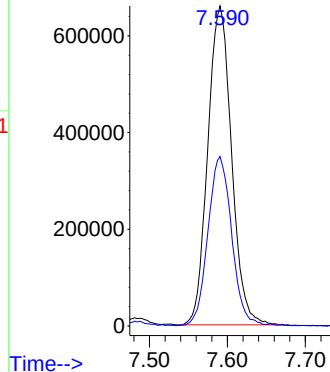
43 100

57 53.6 42.5 63.7

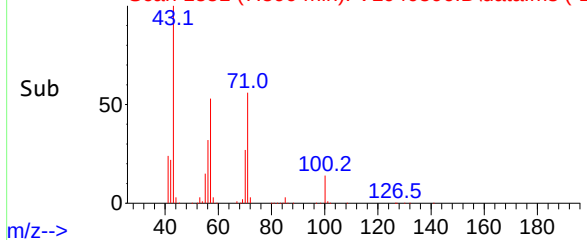
Abundance Scan 1551 (7.590 min): VL040506.D\data.ms

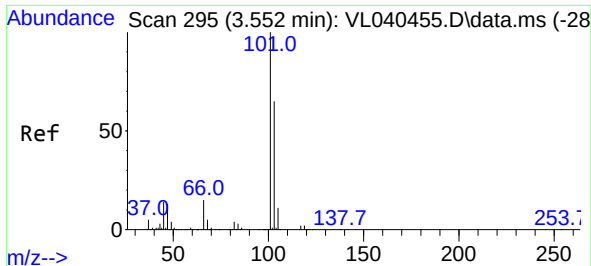


Abundance



Abundance Scan 1551 (7.590 min): VL040506.D\data.ms (-1)

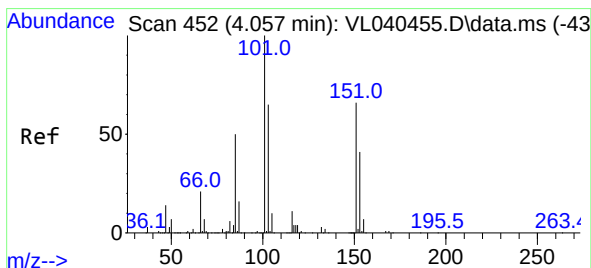
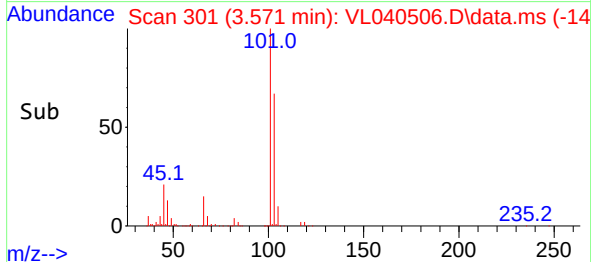
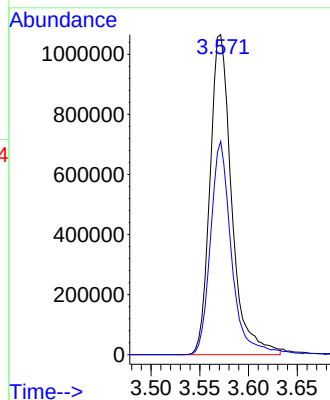
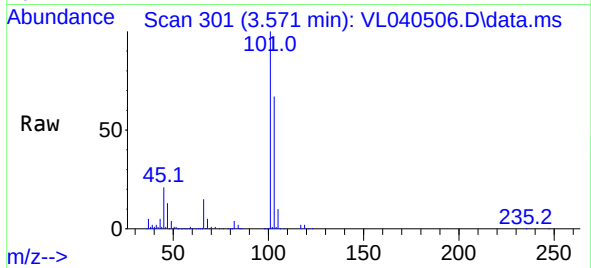




#11
 Trichlorofluoromethane
 Concen: 9.042 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

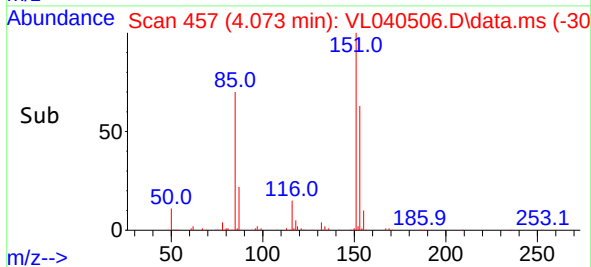
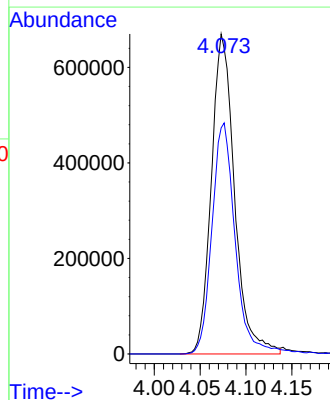
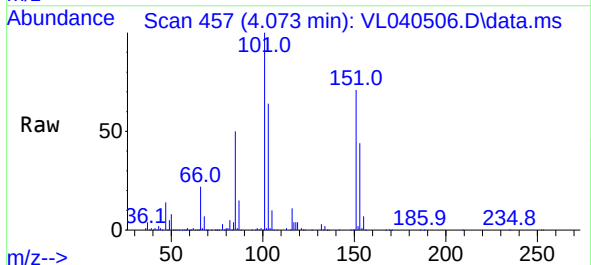
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

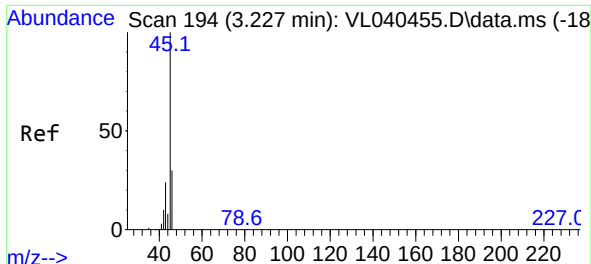
Tgt Ion:101 Resp: 1649730
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.176 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

Tgt Ion:101 Resp: 1179122
 Ion Ratio Lower Upper
 101 100
 151 72.8 58.2 87.4

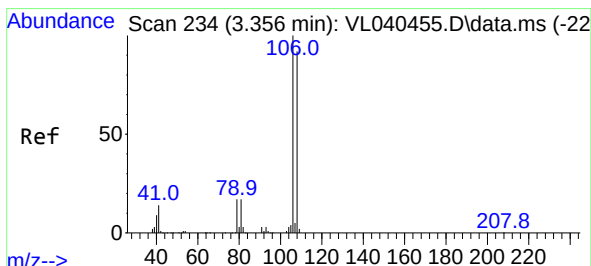
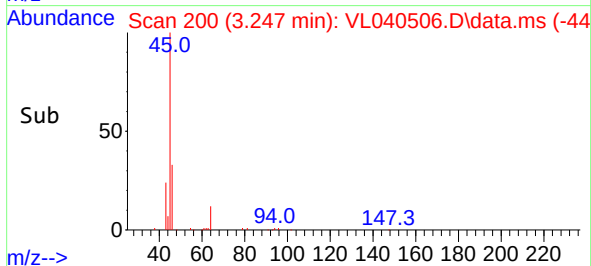
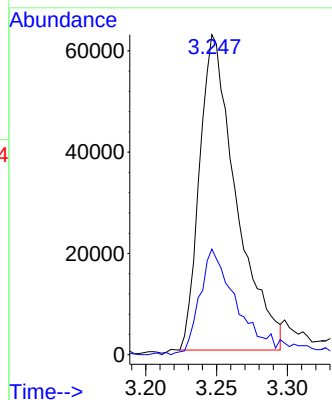
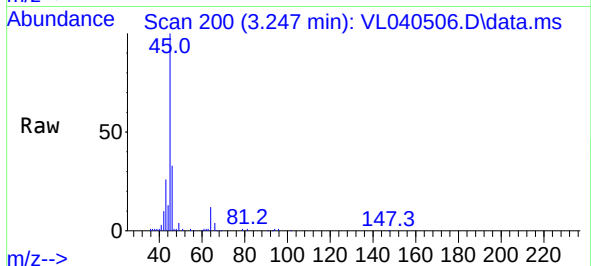




#13
Ethanol
Concen: 8.400 ppbv
RT: 3.247 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

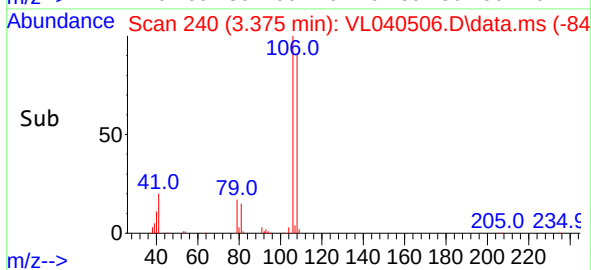
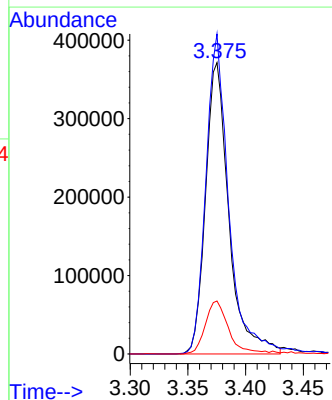
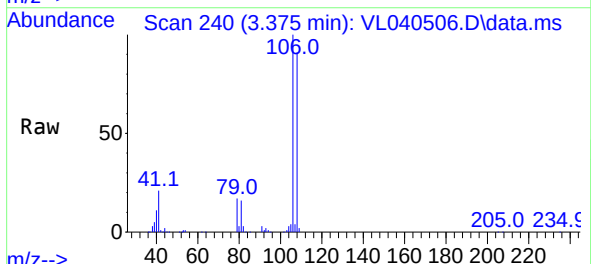
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

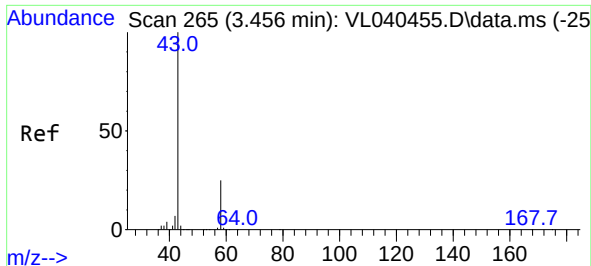
Tgt Ion: 45 Resp: 112111
Ion Ratio Lower Upper
45 100
46 38.2 15.3 61.1



#14
Bromoethene
Concen: 9.474 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 108 Resp: 523456
Ion Ratio Lower Upper
108 100
106 109.0 87.2 130.8
79 19.1 15.3 22.9

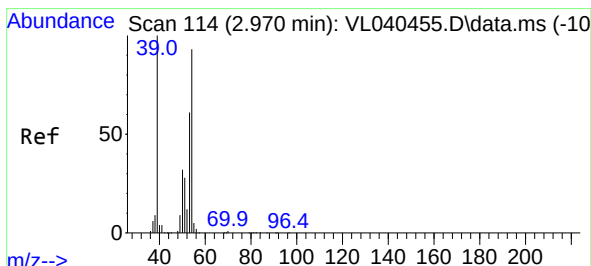
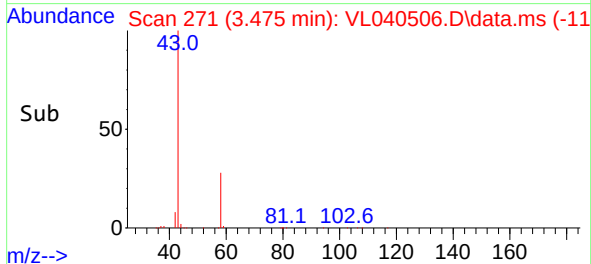
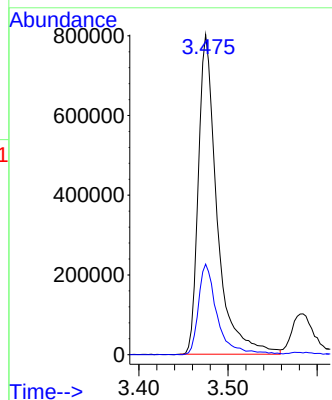
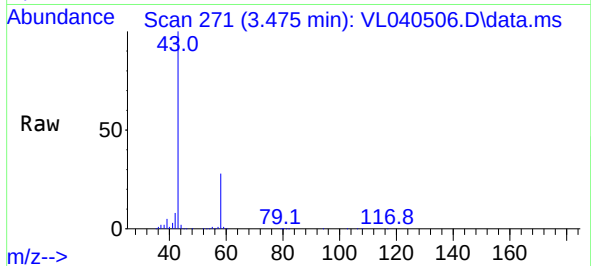




#15
Acetone
Concen: 8.979 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

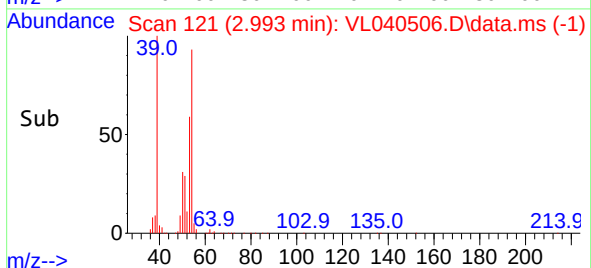
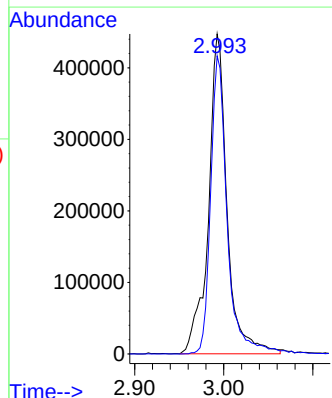
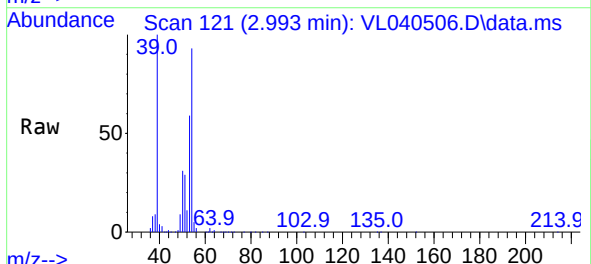
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

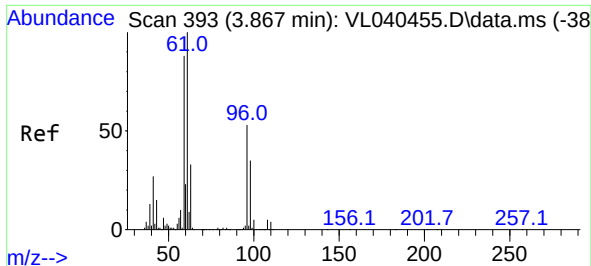
Tgt Ion: 43 Resp: 1168425
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3



#16
1,3-Butadiene
Concen: 9.891 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 39 Resp: 649295
Ion Ratio Lower Upper
39 100
54 83.3 66.6 100.0





#17

tert-Butyl alcohol

Concen: 9.784 ppbv

RT: 3.883 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_1

ClientSampleId :

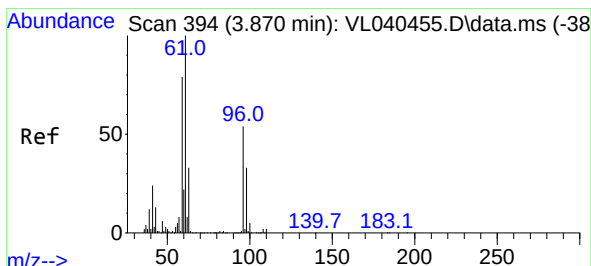
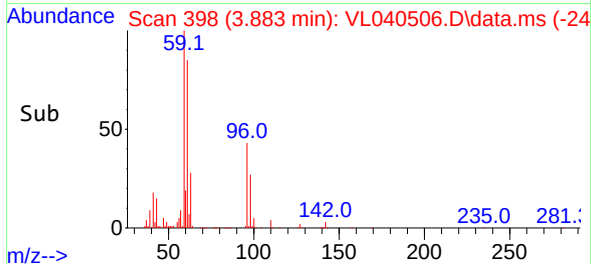
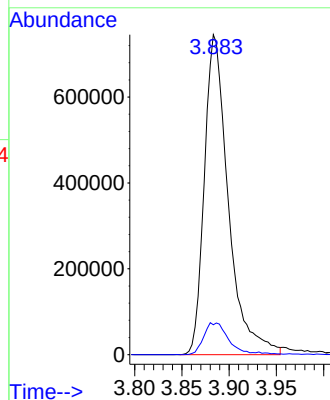
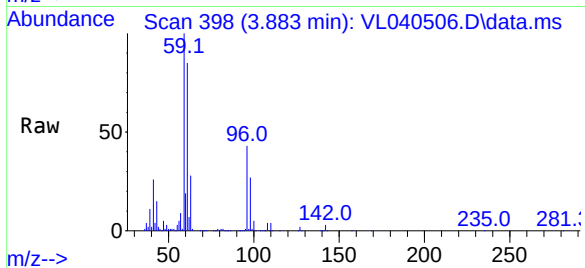
VSTDICCC010

Tgt Ion: 59 Resp: 1316785

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.344 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

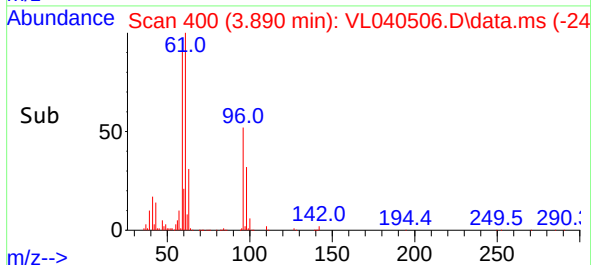
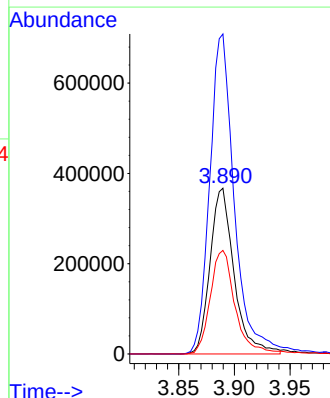
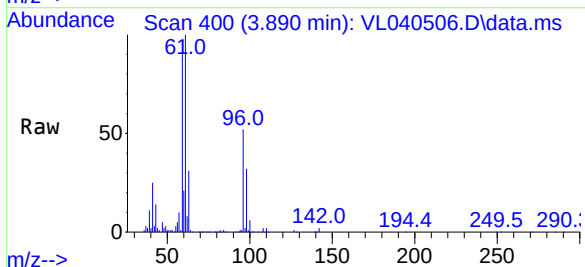
Tgt Ion: 96 Resp: 551979

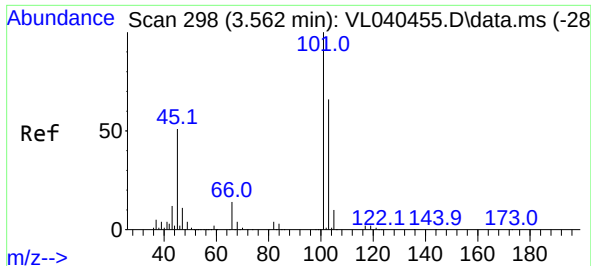
Ion Ratio Lower Upper

96 100

61 193.0 154.4 231.6

98 62.5 50.0 75.0

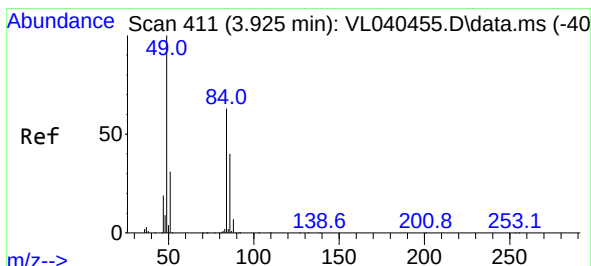
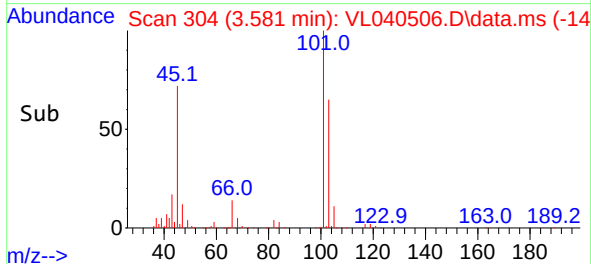
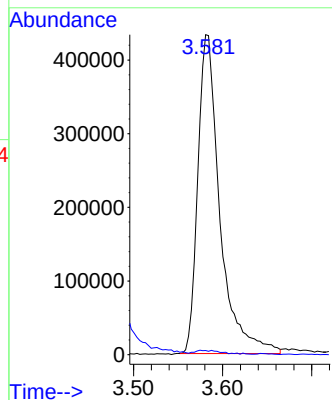
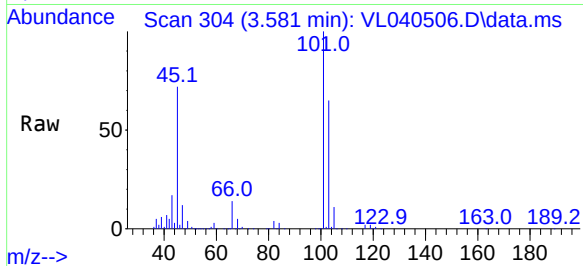




#19
Isopropyl Alcohol
Concen: 9.970 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

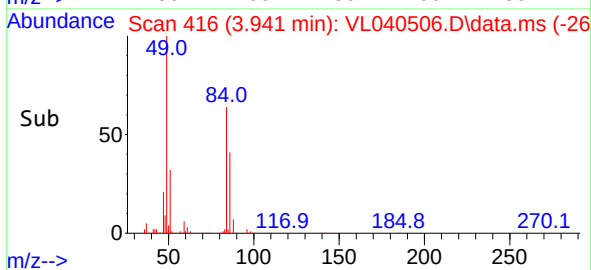
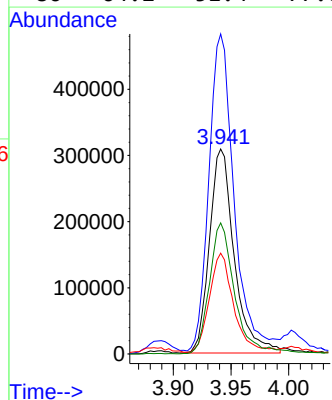
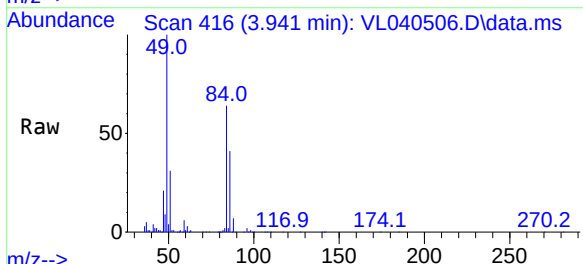
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

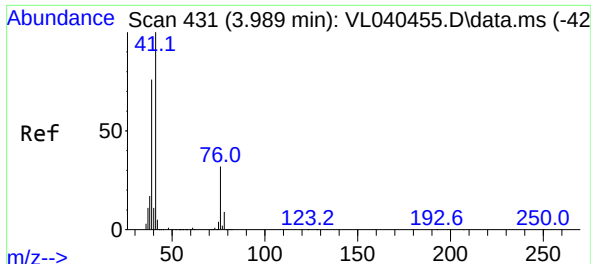
Tgt Ion: 45 Resp: 744782
Ion Ratio Lower Upper
45 100
58 1.4 1.1 1.7



#20
Methylene Chloride
Concen: 8.340 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 84 Resp: 461637
Ion Ratio Lower Upper
84 100
49 154.3 123.4 185.2
51 47.9 38.3 57.5
86 64.2 51.4 77.0





#21

Allyl Chloride

Concen: 9.646 ppbv

RT: 4.005 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

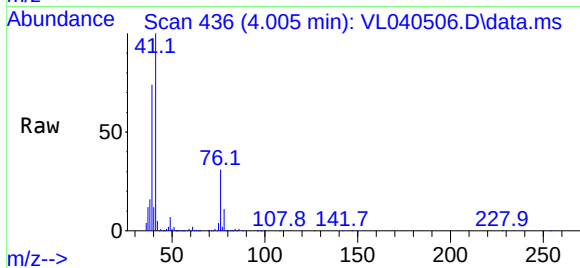
Tgt Ion: 41 Resp: 716765

Ion Ratio Lower Upper

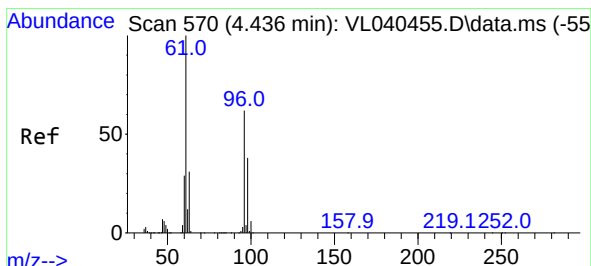
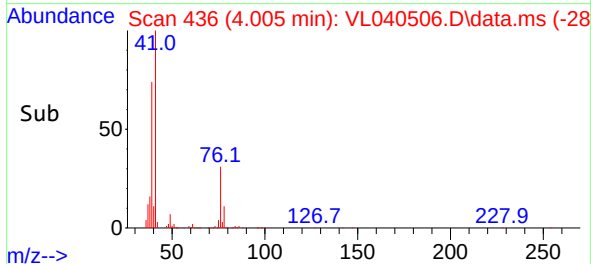
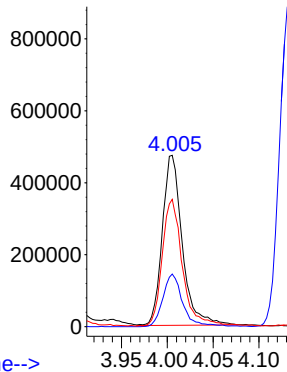
41 100

76 31.0 24.8 37.2

39 75.8 60.6 91.0



Abundance



#22

trans-1,2-Dichloroethene

Concen: 9.824 ppbv

RT: 4.452 min Scan# 575

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

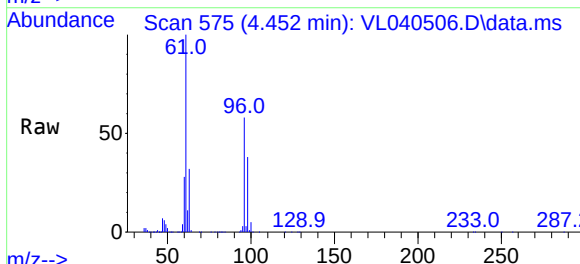
Tgt Ion: 96 Resp: 572562

Ion Ratio Lower Upper

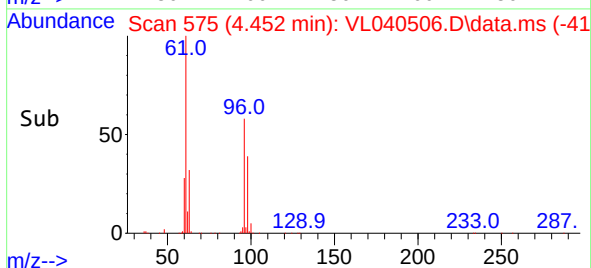
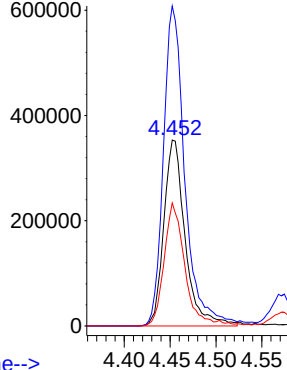
96 100

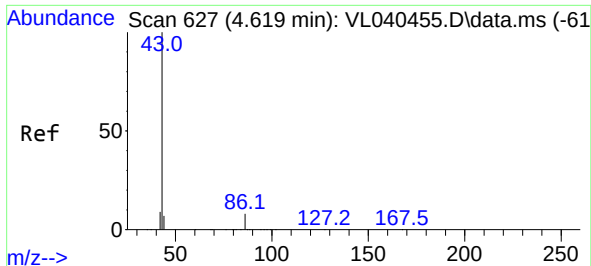
61 172.1 137.7 206.5

98 66.1 52.9 79.3



Abundance



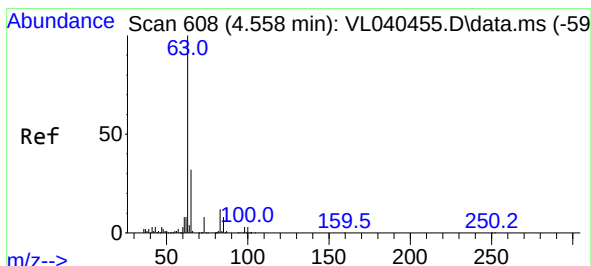
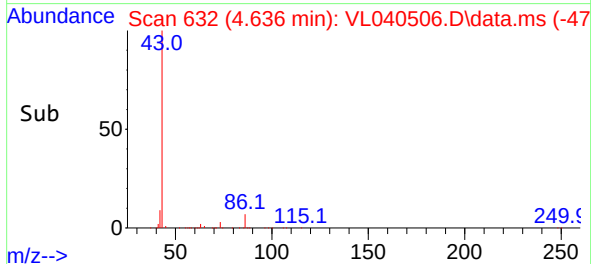
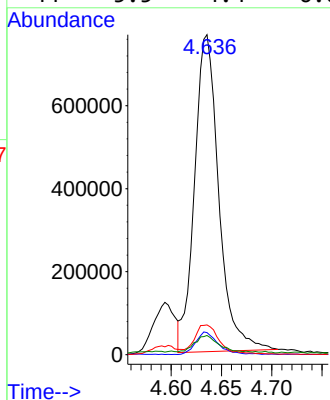
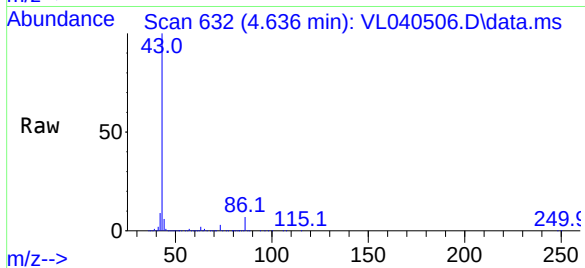


#23
 Vinyl Acetate
 Concen: 10.342 ppbv
 RT: 4.636 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 1282103

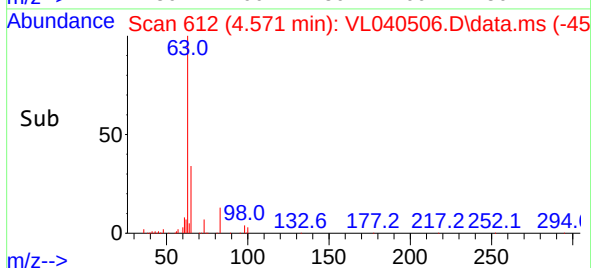
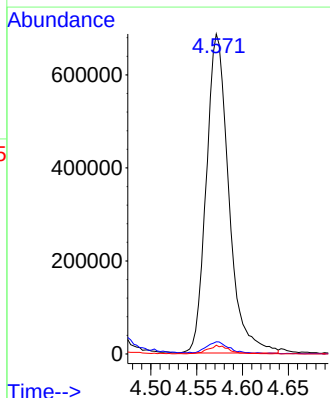
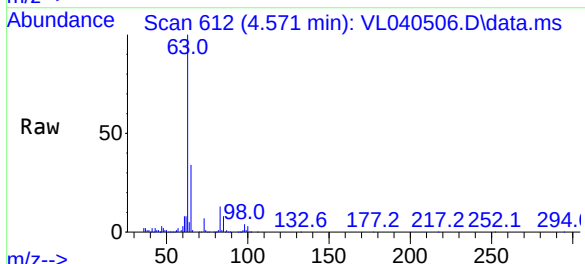
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.6	8.4
42	9.3	7.4	11.2
44	5.5	4.4	6.6

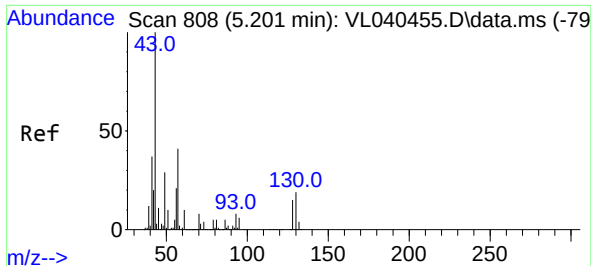


#24
 1,1-Dichloroethane
 Concen: 9.288 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

Tgt Ion: 63 Resp: 1168750

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.7	1.4	4.0





#25

Ethyl Acetate

Concen: 9.807 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 2429395

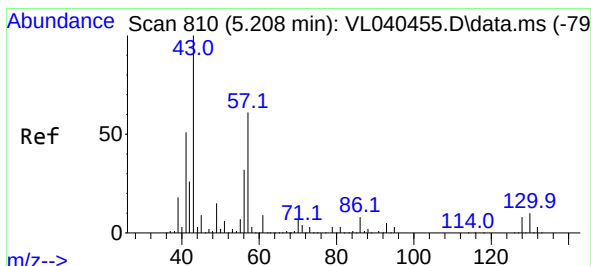
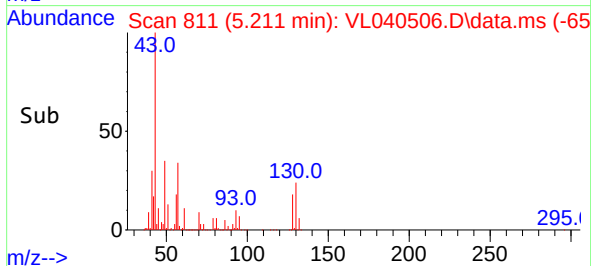
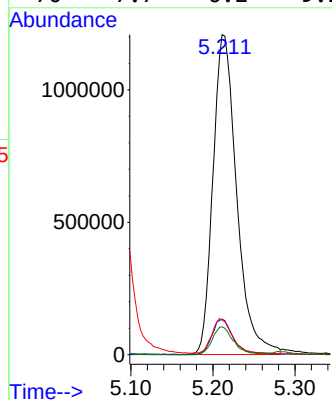
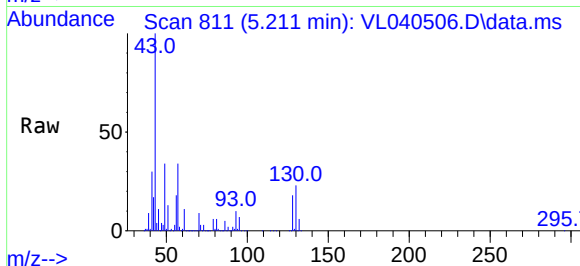
Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.4

61 10.4 8.3 12.5

70 7.7 6.2 9.2



#26

Hexane

Concen: 9.687 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion: 57 Resp: 1114801

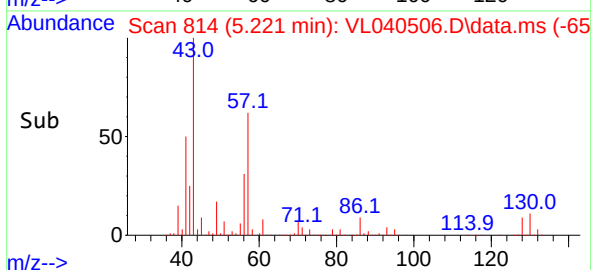
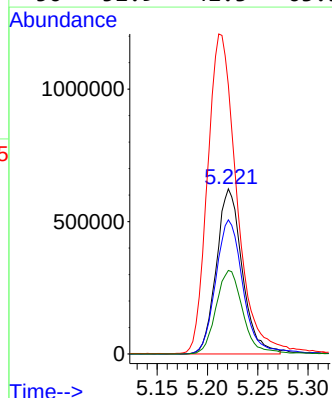
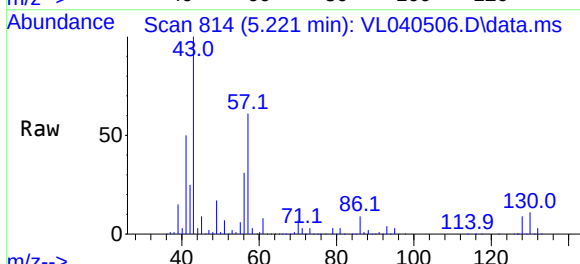
Ion Ratio Lower Upper

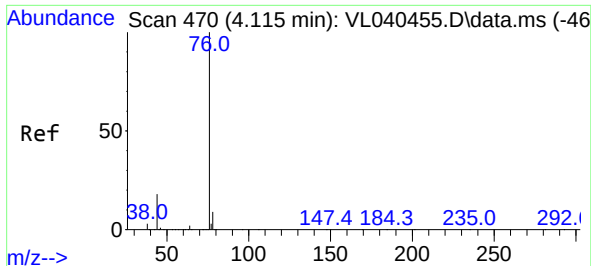
57 100

41 86.9 69.5 104.3

43 221.4 177.1 265.7

56 52.9 42.3 63.5



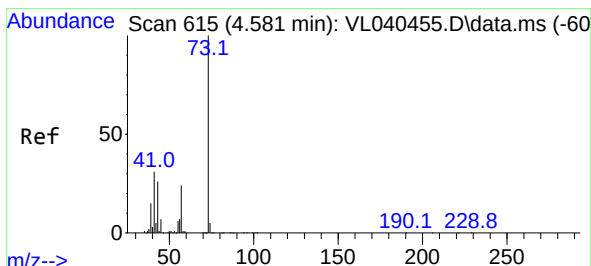
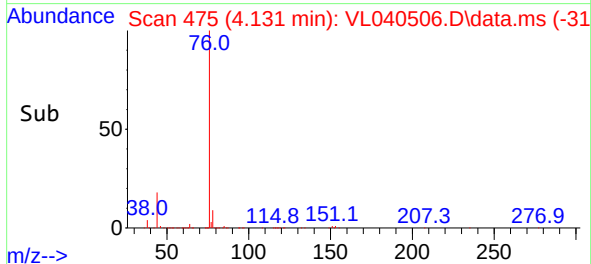
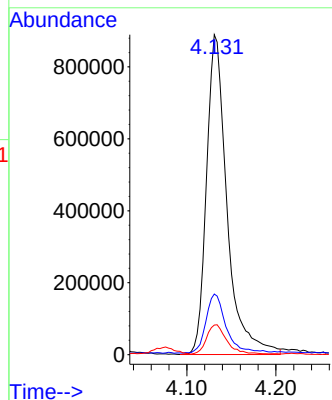
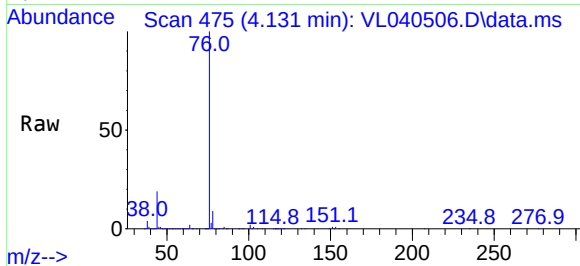


#27
Carbon Disulfide
Concen: 10.486 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1419577

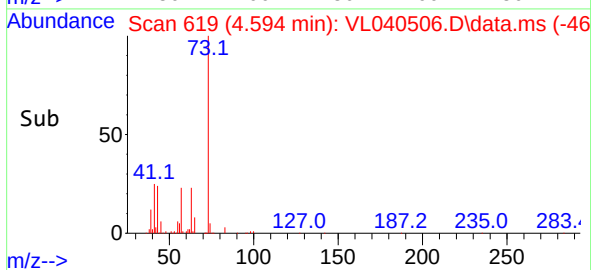
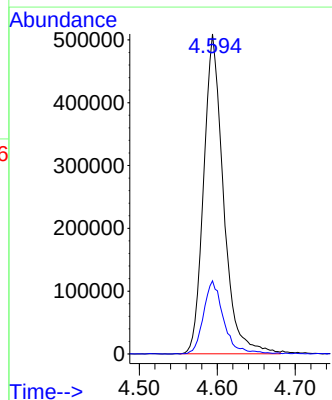
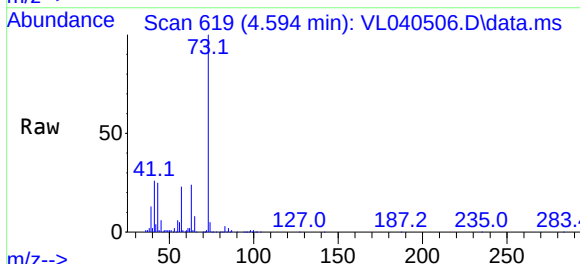
Ion	Ratio	Lower	Upper
76	100		
44	19.4	15.1	22.7
78	9.6	7.5	11.3

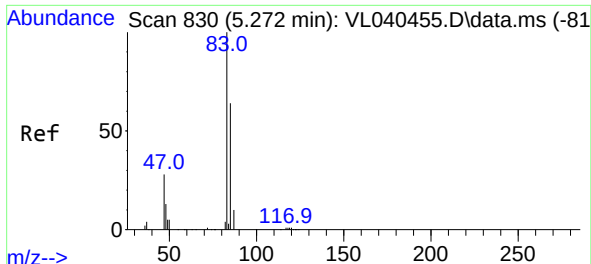


#28
Methyl tert-Butyl Ether
Concen: 9.709 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 73 Resp: 899567

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.8	28.2





#29

Chloroform

Concen: 9.395 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

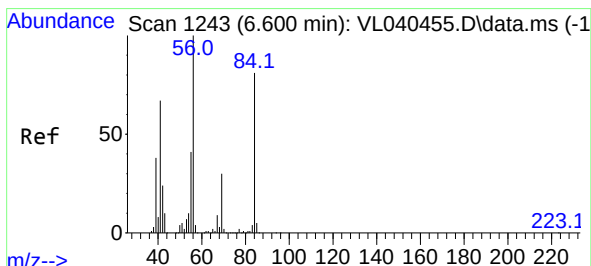
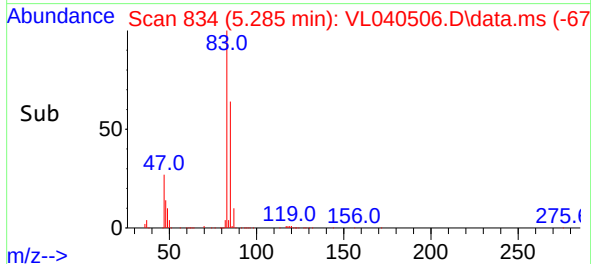
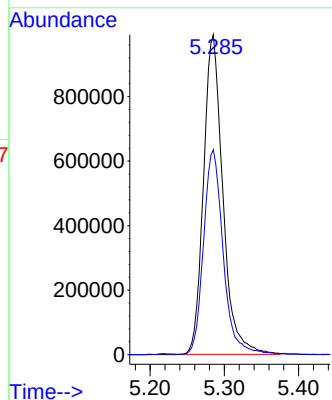
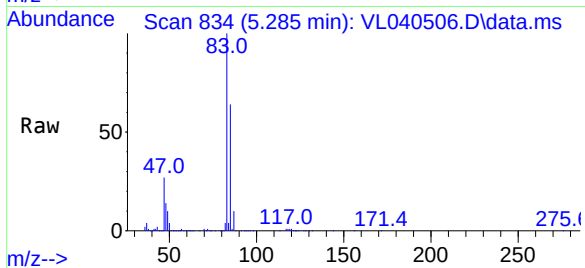
VSTDICCC010

Tgt Ion: 83 Resp: 1793295

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7



#30

Cyclohexane

Concen: 9.884 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

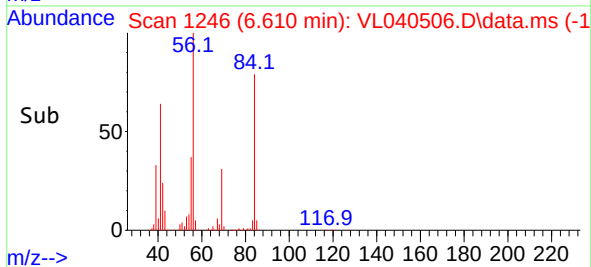
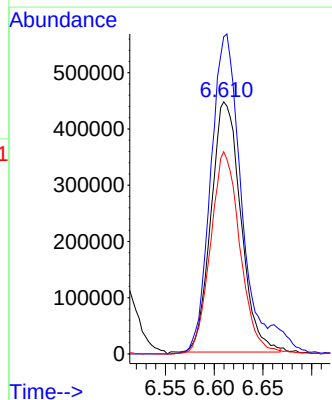
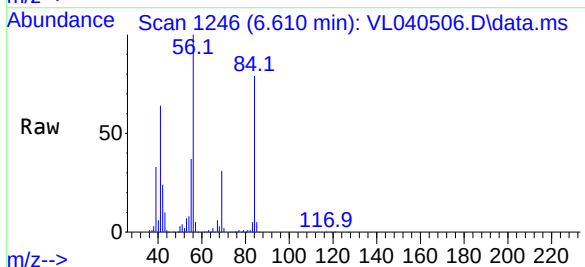
Tgt Ion: 84 Resp: 946507

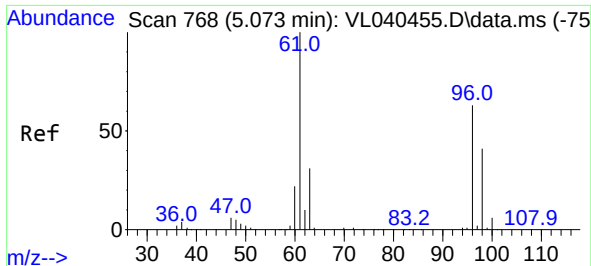
Ion Ratio Lower Upper

84 100

56 135.9 108.7 163.1

41 80.9 64.5 96.7

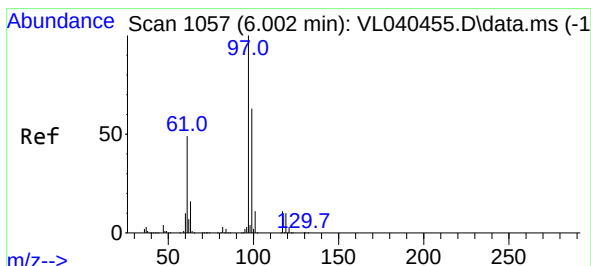
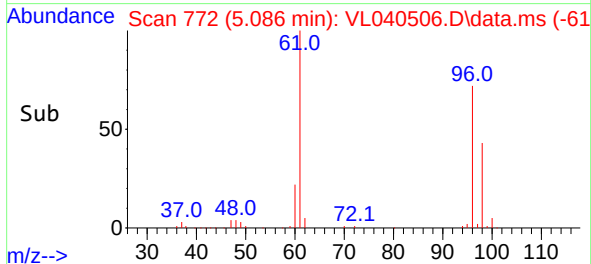
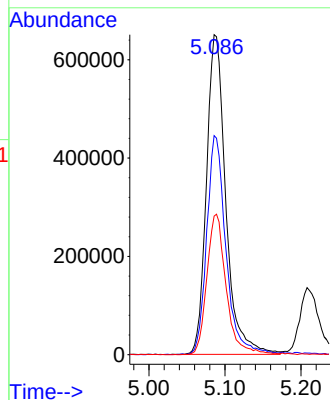
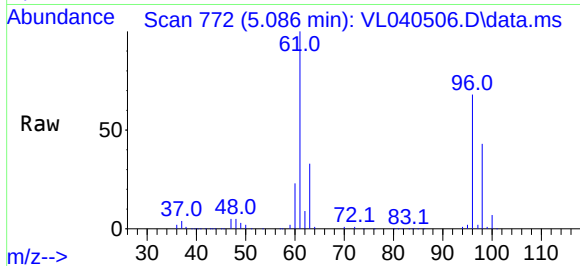




#31
 cis-1,2-Dichloroethene
 Concen: 10.118 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

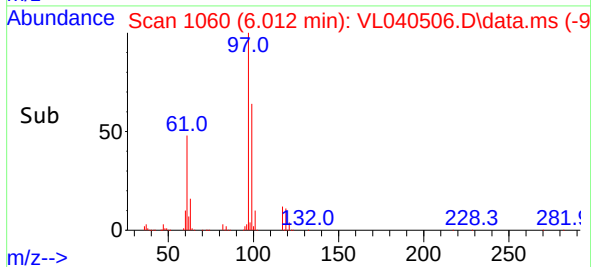
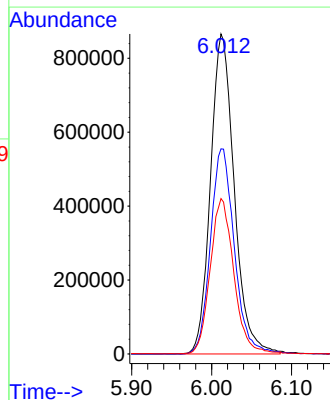
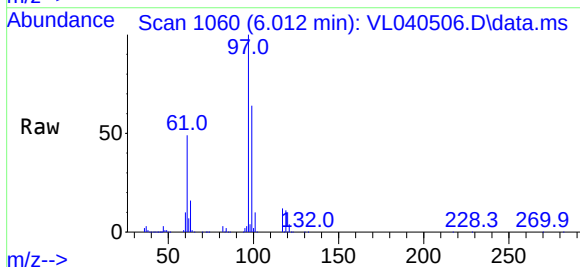
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

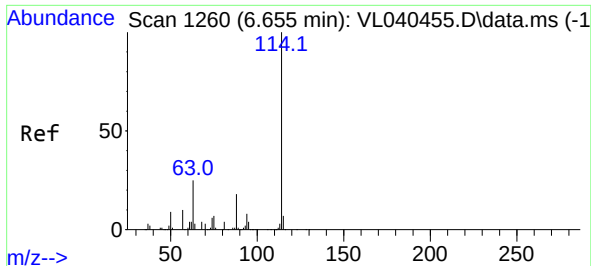
Tgt Ion: 61 Resp: 1151004
 Ion Ratio Lower Upper
 61 100
 96 68.4 54.7 82.1
 98 43.3 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 9.542 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

Tgt Ion: 97 Resp: 1782179
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.0 78.0
 61 48.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

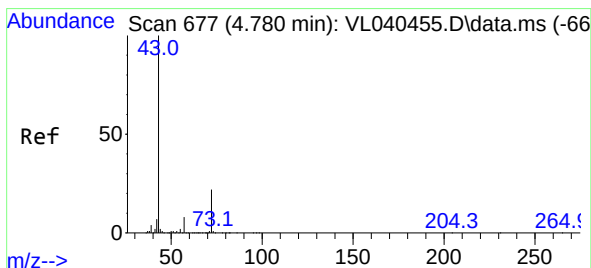
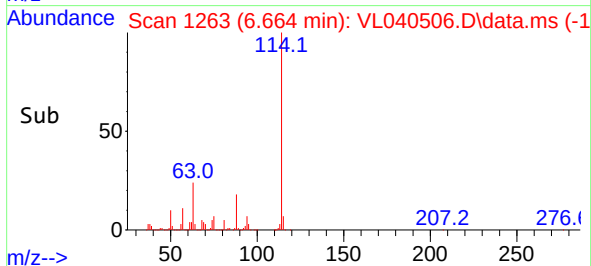
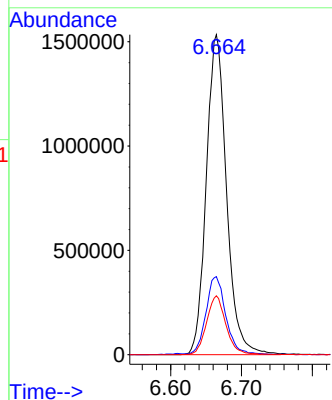
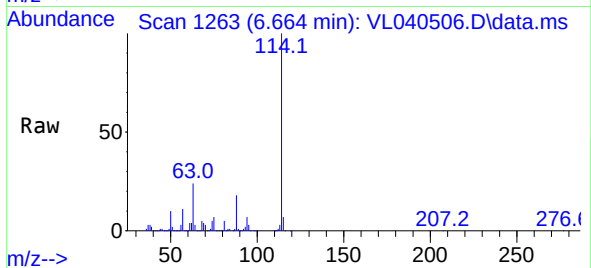
Tgt Ion:114 Resp: 3041156

Ion Ratio Lower Upper

114 100

63 24.5 19.6 29.4

88 17.8 14.2 21.2



#34

2-Butanone

Concen: 9.951 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL040506.D

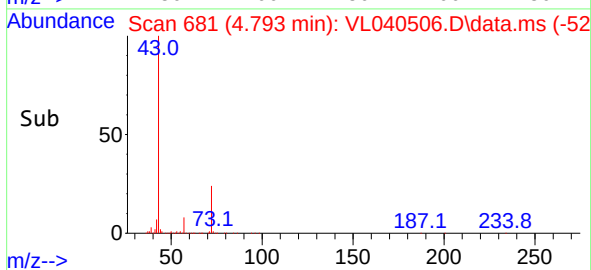
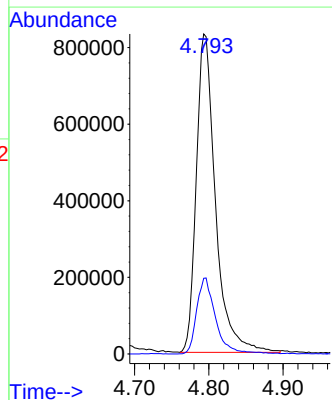
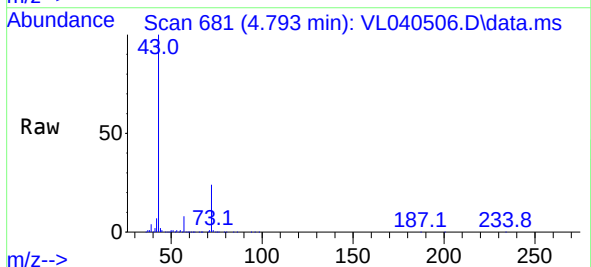
Acq: 10 Jul 2023 11:48

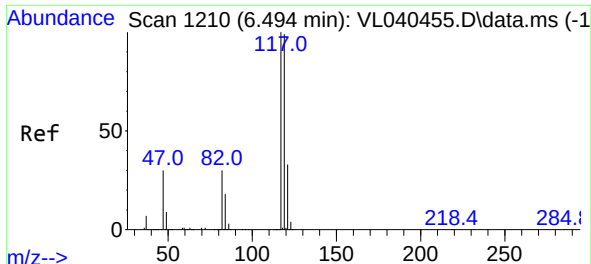
Tgt Ion: 43 Resp: 1495319

Ion Ratio Lower Upper

43 100

72 23.8 19.1 28.7

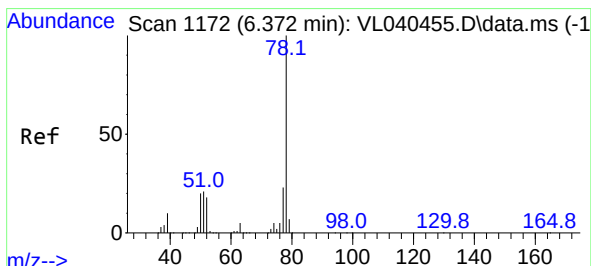
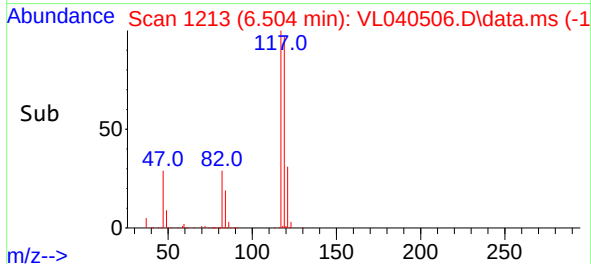
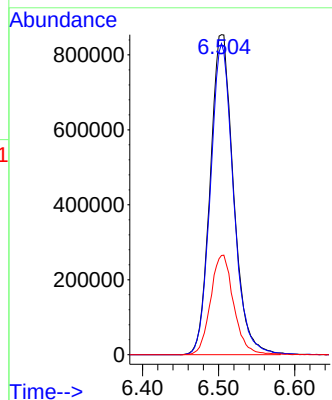
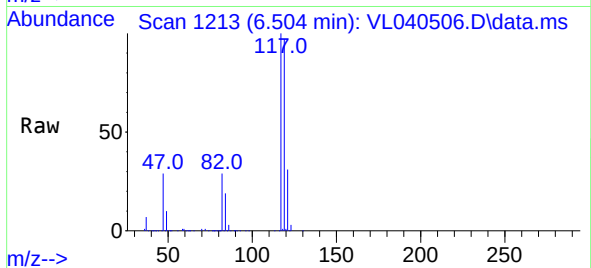




#35
Carbon Tetrachloride
Concen: 9.934 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

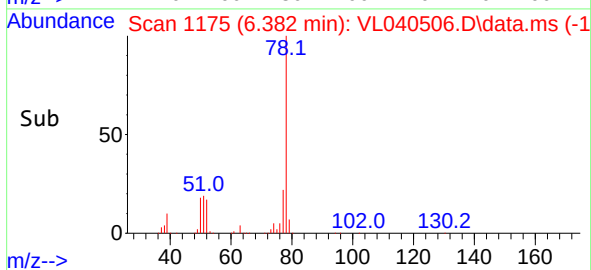
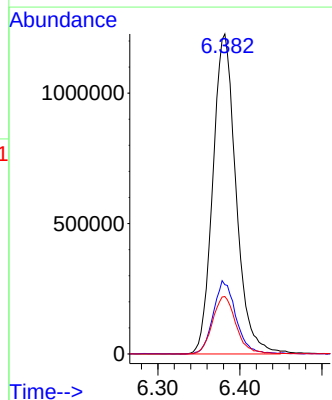
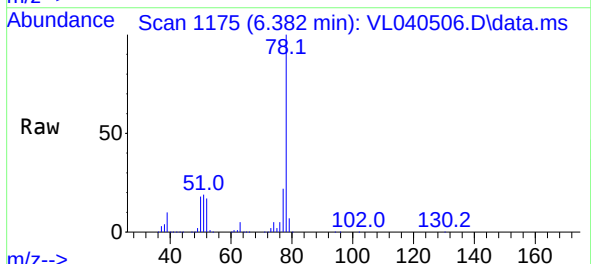
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

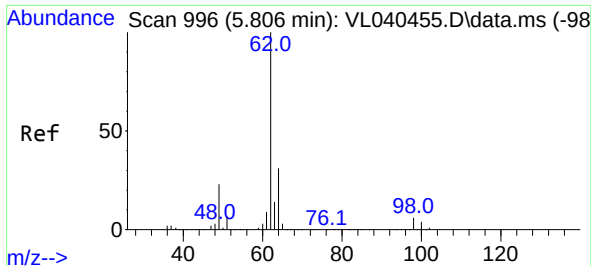
Tgt Ion:117 Resp: 1818150
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 31.0 24.8 37.2



#36
Benzene
Concen: 9.833 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 78 Resp: 2406199
Ion Ratio Lower Upper
78 100
77 21.7 17.4 26.0
50 18.0 14.4 21.6

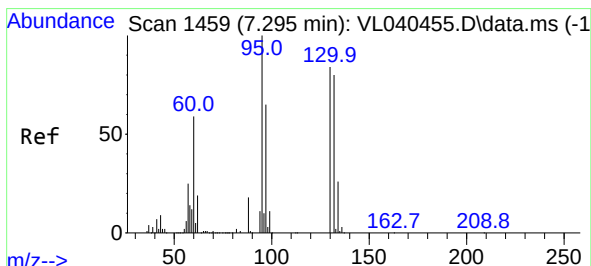
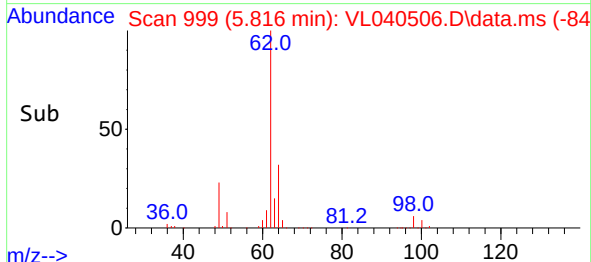
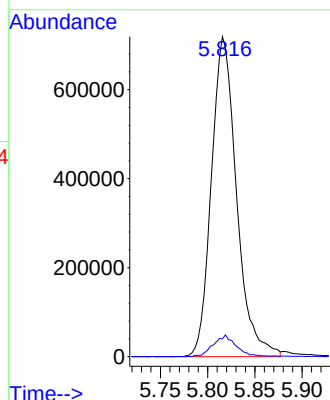
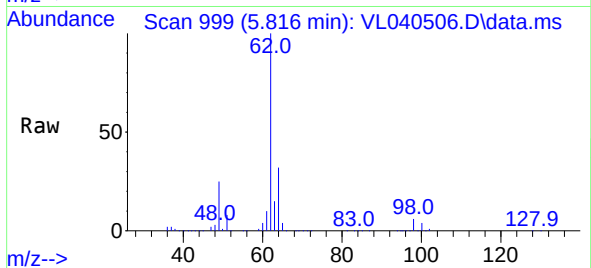




#37
1,2-Dichloroethane
Concen: 9.247 ppbv
RT: 5.816 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

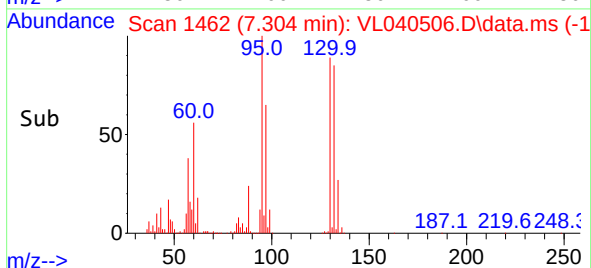
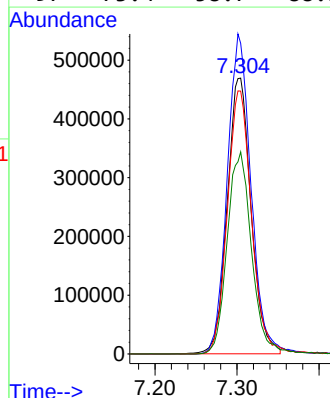
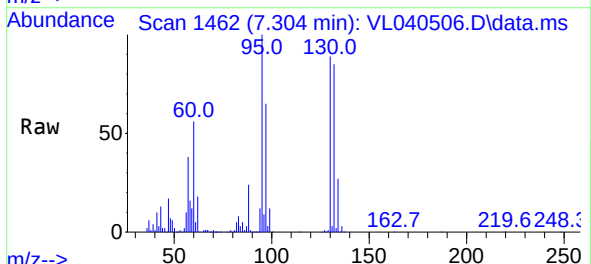
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

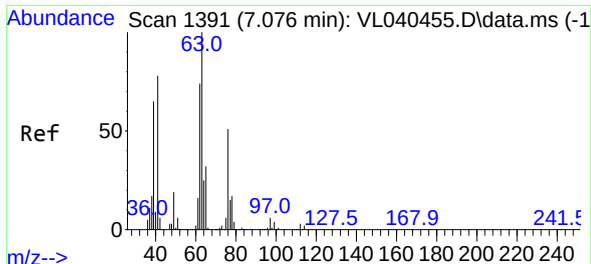
Tgt Ion: 62 Resp: 1331148
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7



#38
Trichloroethene
Concen: 10.270 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:130 Resp: 950519
Ion Ratio Lower Upper
130 100
95 112.7 90.2 135.2
132 95.4 76.3 114.5
97 73.4 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.834 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

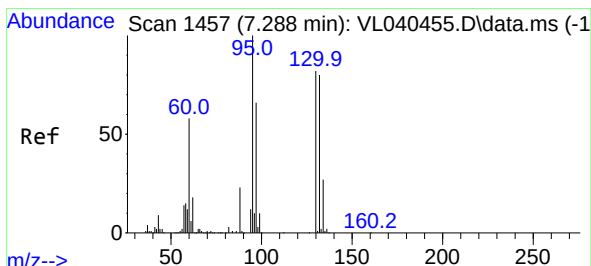
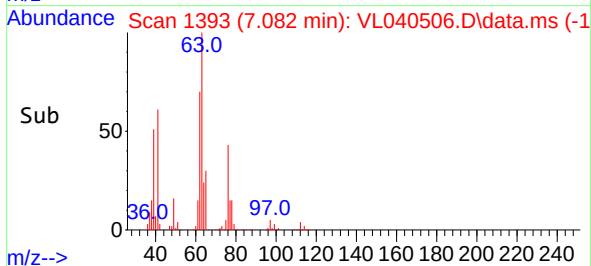
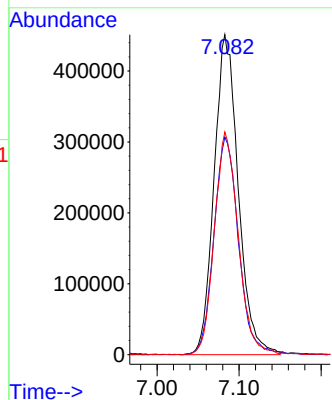
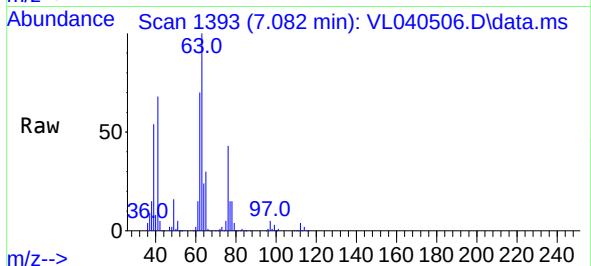
Tgt Ion: 63 Resp: 926321

Ion Ratio Lower Upper

63 100

41 67.9 54.3 81.5

62 69.5 55.6 83.4



#40

1,4-Dioxane

Concen: 9.770 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion: 88 Resp: 287852

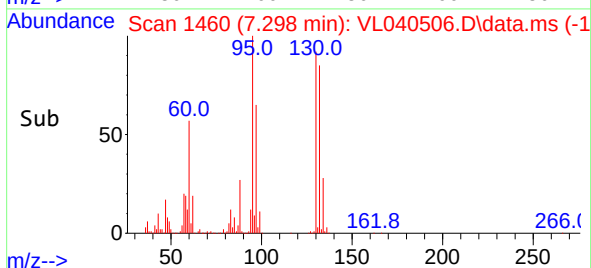
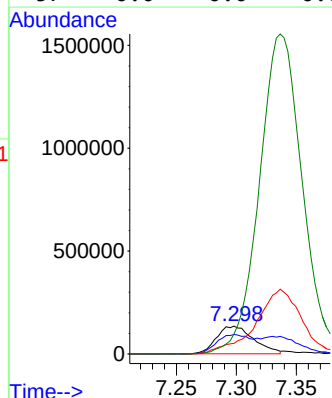
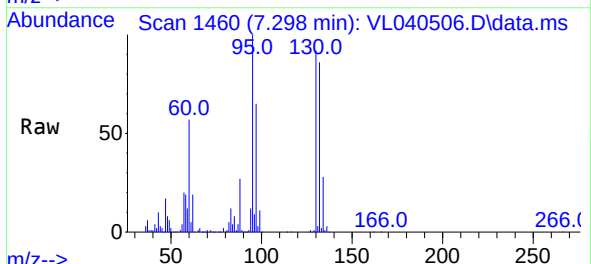
Ion Ratio Lower Upper

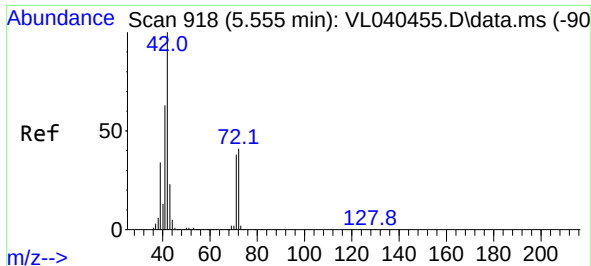
88 100

58 135.3 58.6 88.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

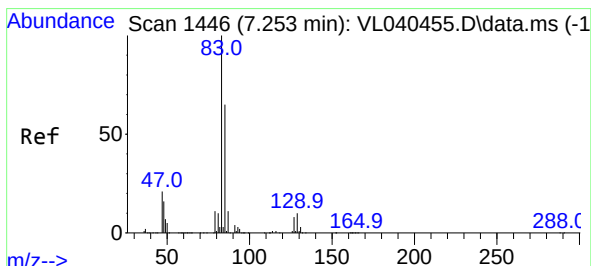
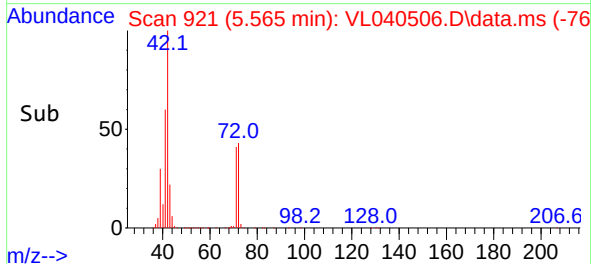
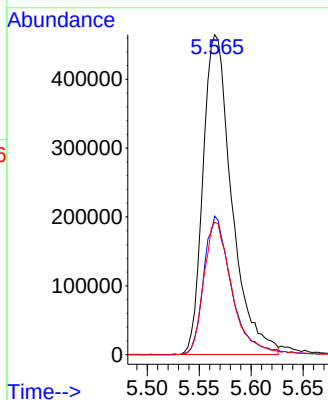
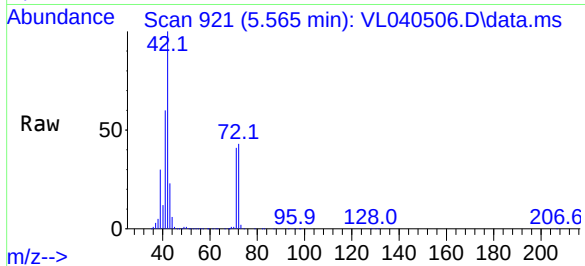




#41
Tetrahydrofuran
Concen: 10.177 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

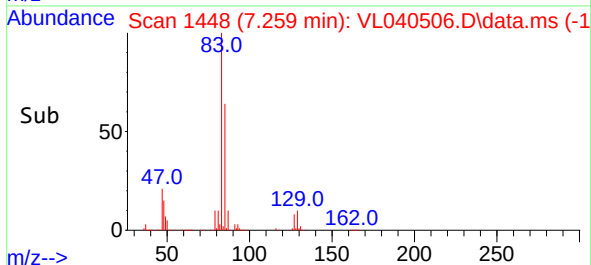
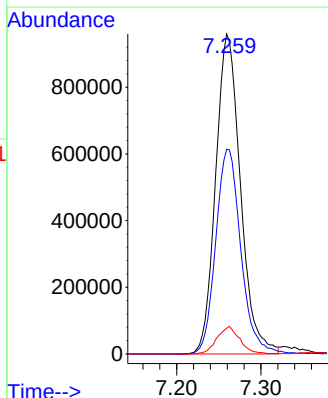
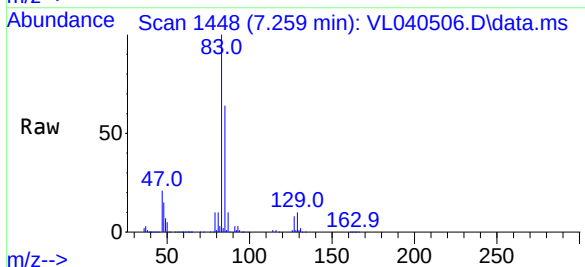
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

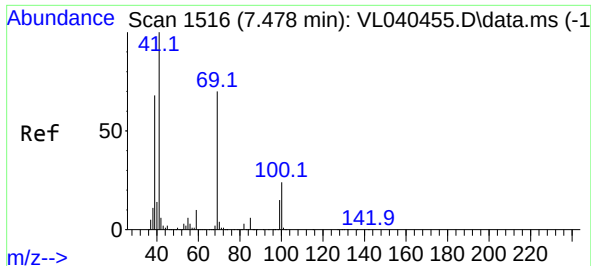
Tgt Ion: 42 Resp: 892472
Ion Ratio Lower Upper
42 100
72 42.3 33.8 50.8
71 41.3 33.0 49.6



#42
Bromodichloromethane
Concen: 9.796 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 83 Resp: 1961303
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.1 6.5 9.7

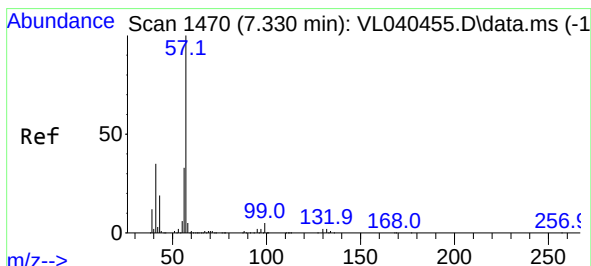
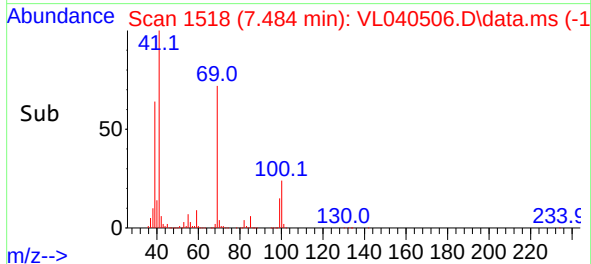
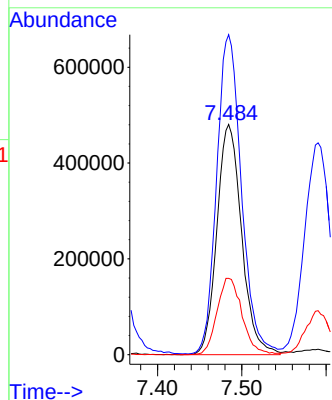
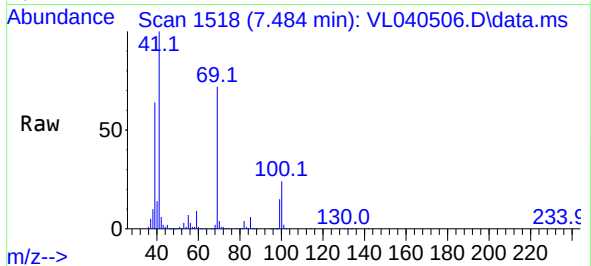




#43
Methyl Methacrylate
Concen: 10.677 ppbv
RT: 7.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

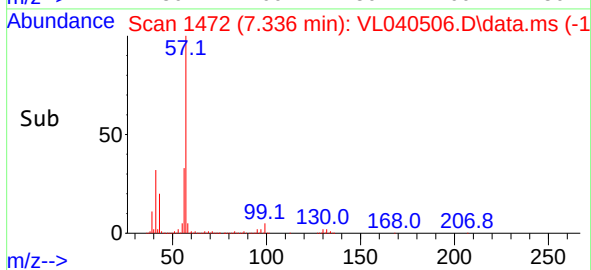
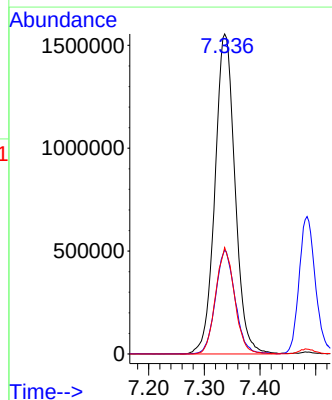
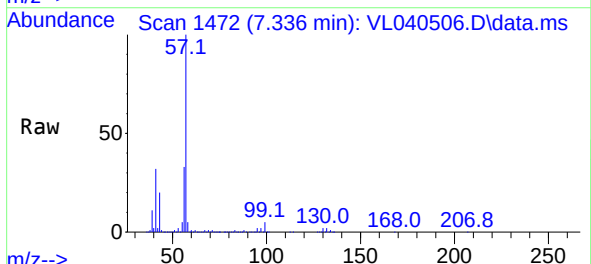
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

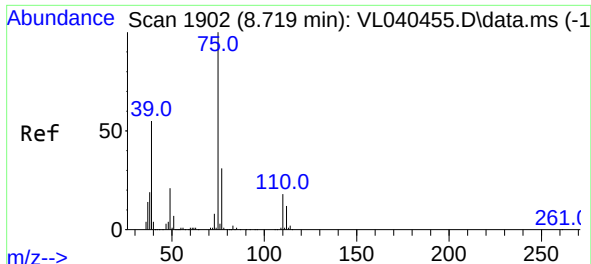
Tgt Ion: 69 Resp: 977907
Ion Ratio Lower Upper
69 100
41 139.0 111.7 167.5
100 33.6 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 9.868 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 57 Resp: 3885124
Ion Ratio Lower Upper
57 100
41 31.9 25.5 38.3
56 31.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.709 ppbv

RT: 8.722 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_L

ClientSampleId :

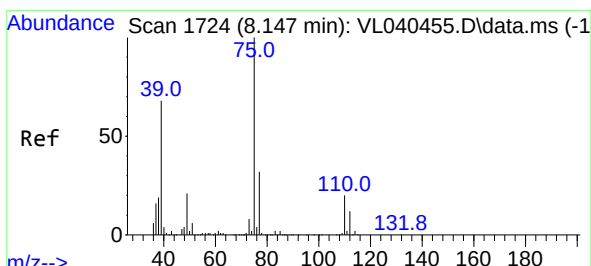
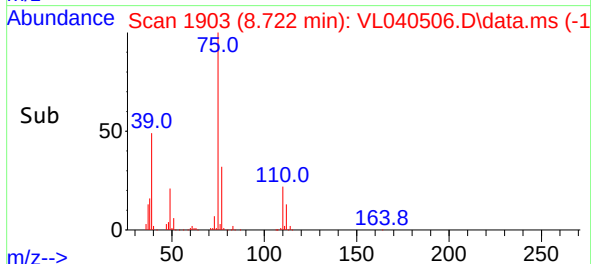
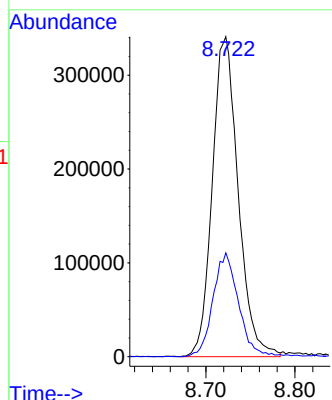
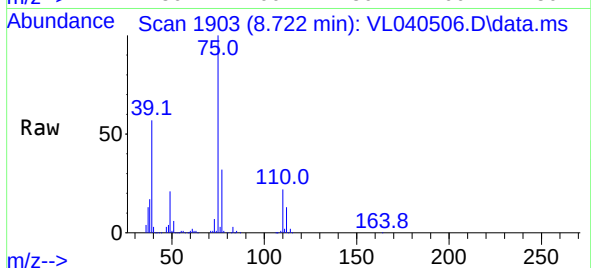
VSTDICCC010

Tgt Ion: 75 Resp: 687971

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 11.156 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

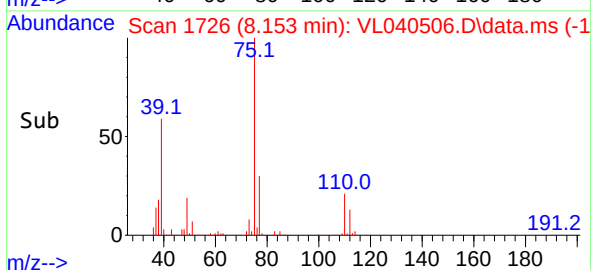
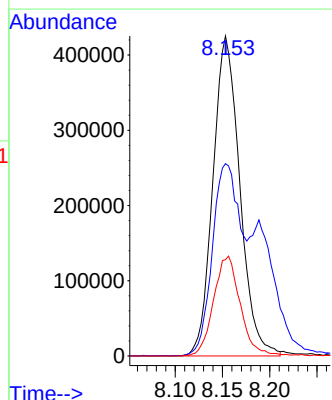
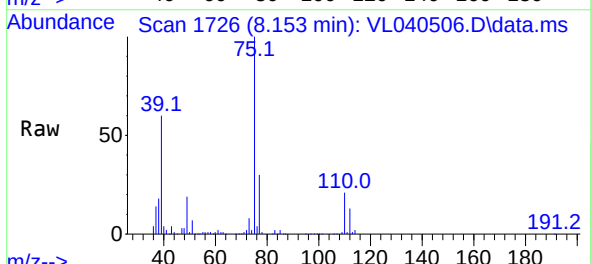
Tgt Ion: 75 Resp: 840968

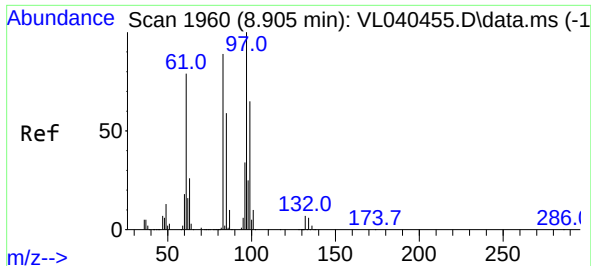
Ion Ratio Lower Upper

75 100

39 60.0 48.0 72.0

77 30.0 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.654 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

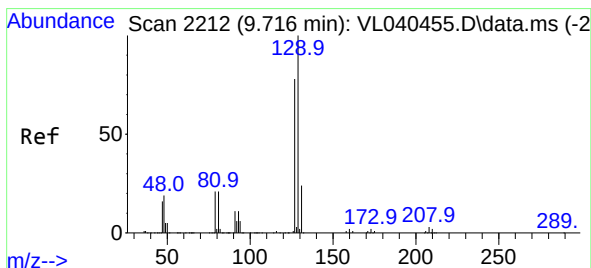
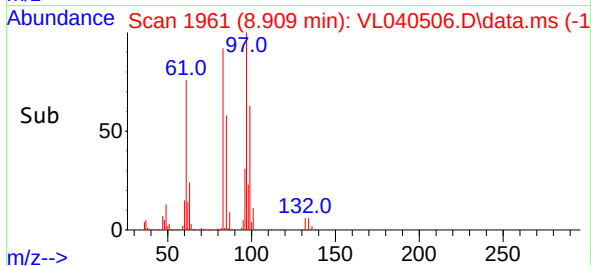
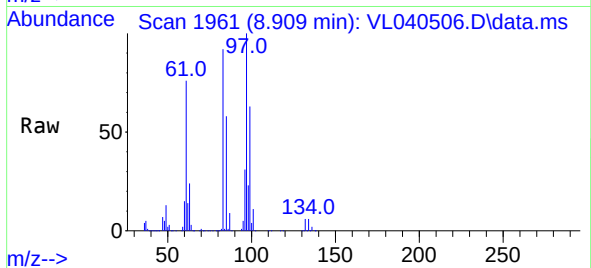
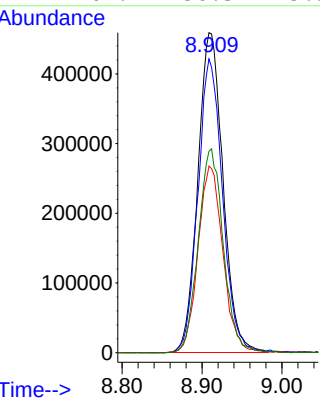
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 1003390

Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.4	110.0
85	58.3	46.6	70.0
99	62.9	50.3	75.5



#48

Dibromochloromethane

Concen: 10.485 ppbv

RT: 9.722 min Scan# 2214

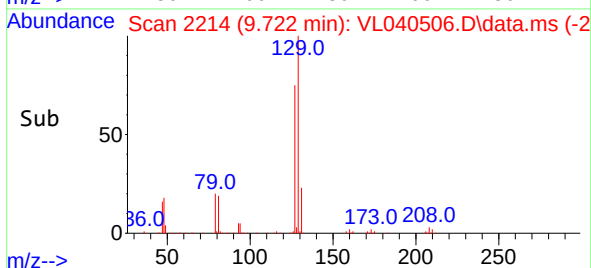
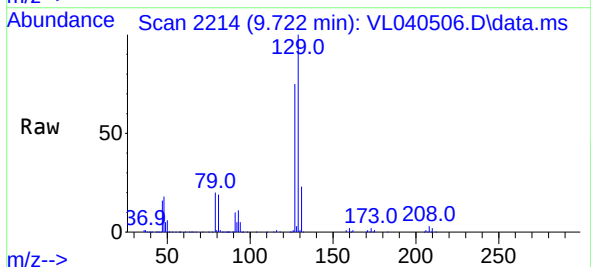
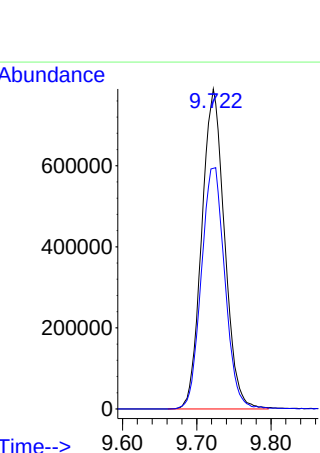
Delta R.T. 0.000 min

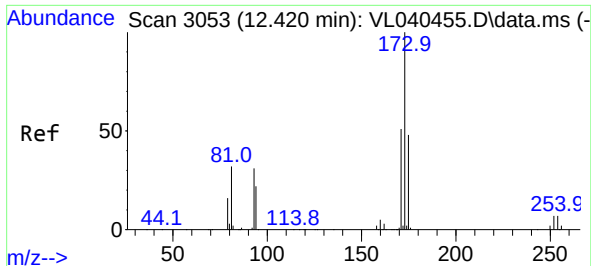
Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion: 129 Resp: 1684752

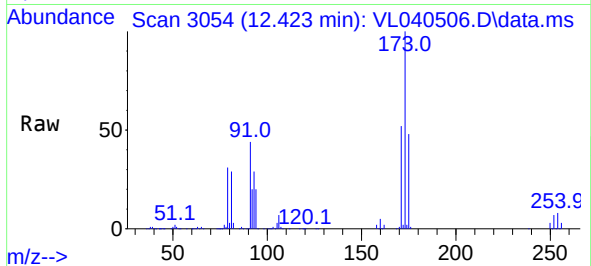
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.3



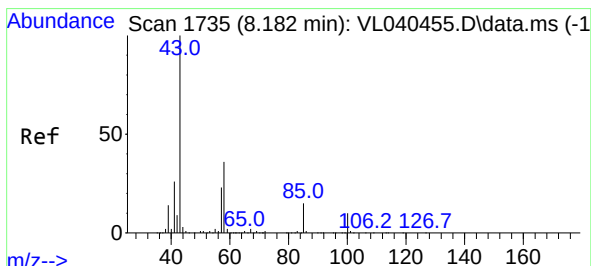
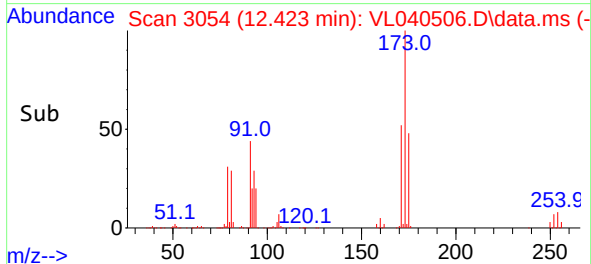
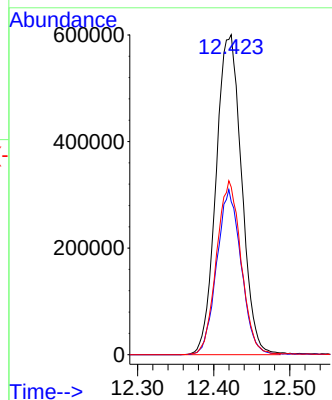


#49
Bromoform
Concen: 11.004 ppbv
RT: 12.423 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

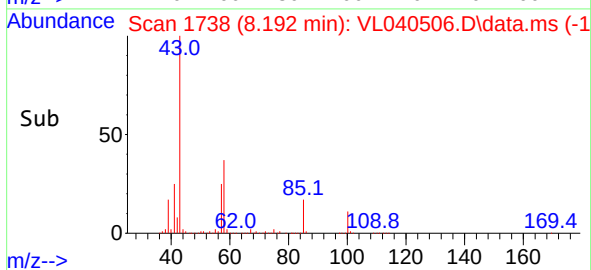
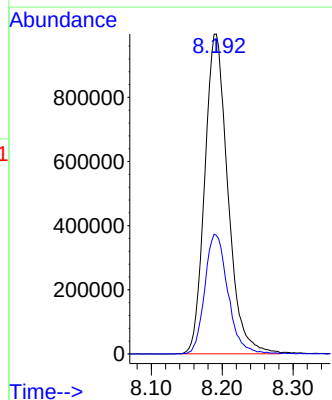
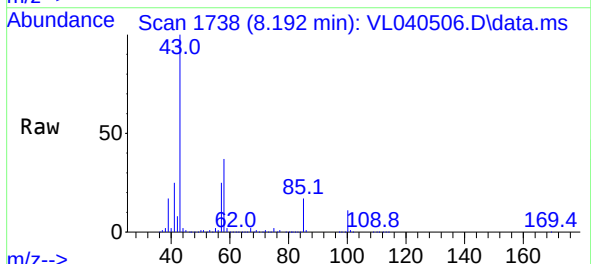


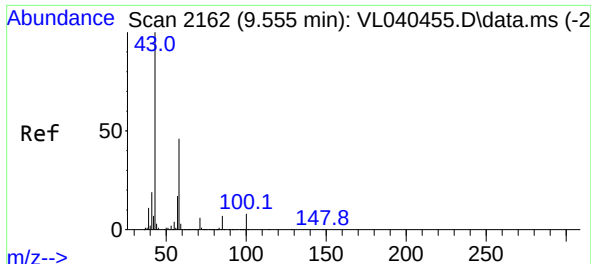
Tgt Ion:173 Resp: 1401897
Ion Ratio Lower Upper
173 100
175 49.3 39.5 59.3
171 52.8 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.343 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 43 Resp: 2258296
Ion Ratio Lower Upper
43 100
58 37.7 30.2 45.2



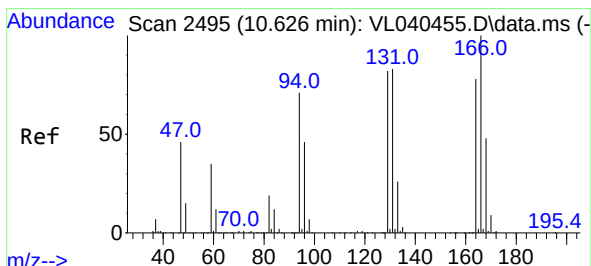
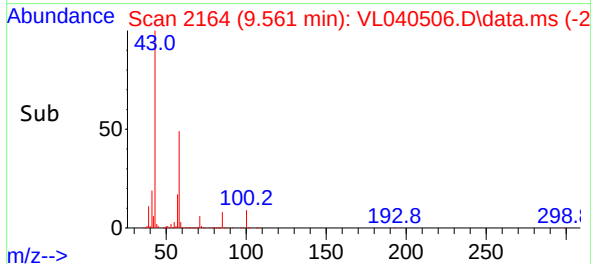
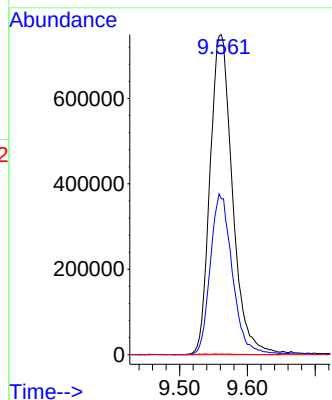
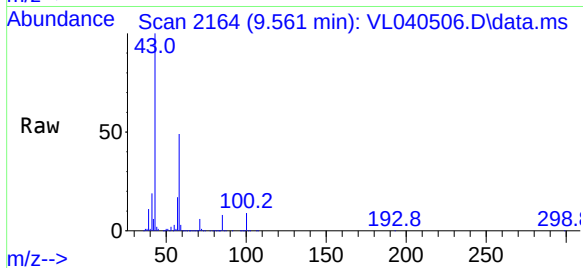


#51
2-Hexanone
Concen: 11.156 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1722535

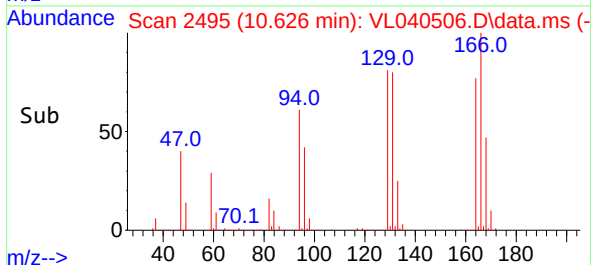
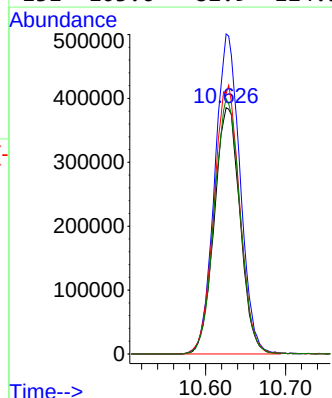
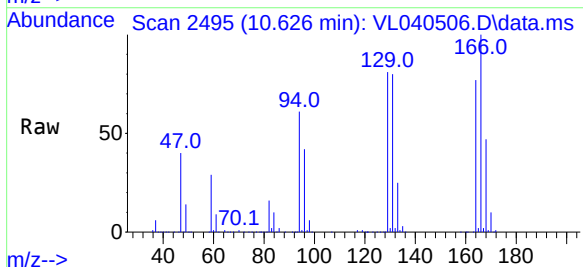
Ion	Ratio	Lower	Upper
43	100		
58	49.6	39.7	59.5
98	0.4	0.3	0.5

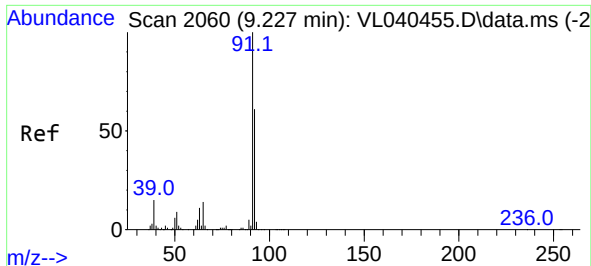


#52
Tetrachloroethene
Concen: 10.897 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 164 Resp: 863481

Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.9	155.9
129	105.7	84.6	126.8
131	103.6	82.9	124.3

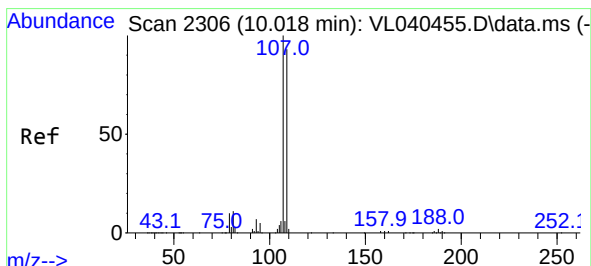
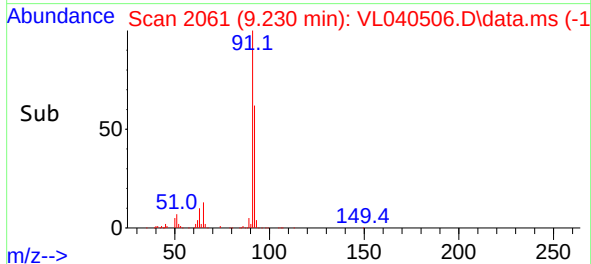
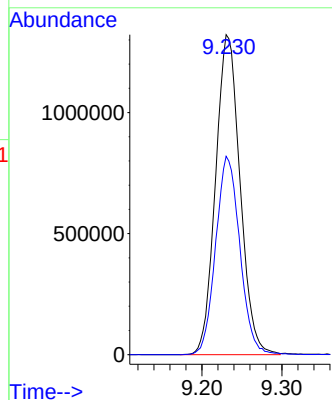
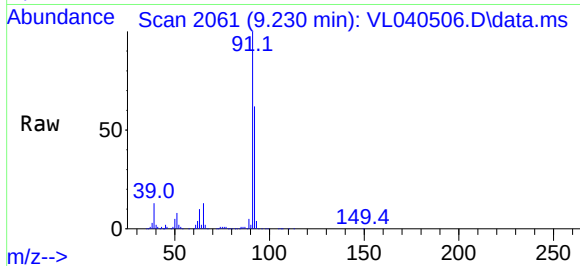




#53
Toluene
Concen: 10.554 ppbv
RT: 9.230 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

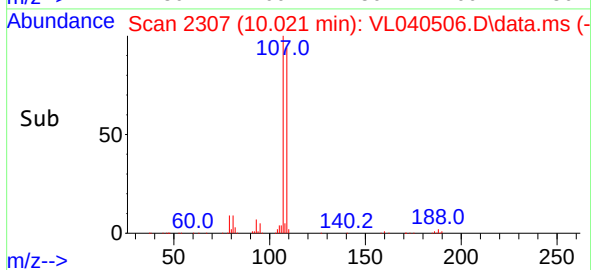
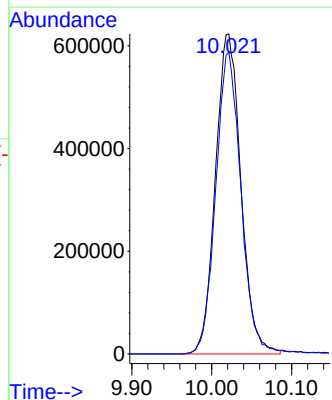
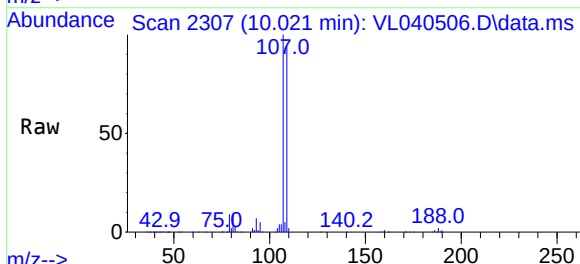
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

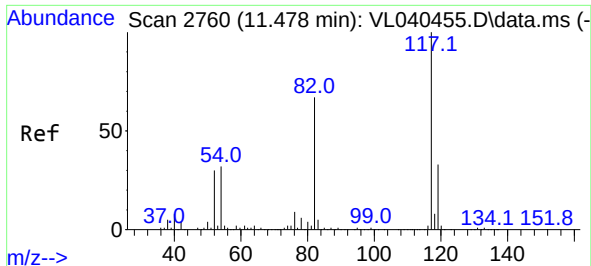
Tgt Ion: 91 Resp: 2805305
Ion Ratio Lower Upper
91 100
92 61.4 49.1 73.7



#54
1,2-Dibromoethane
Concen: 10.675 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 107 Resp: 1379084
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

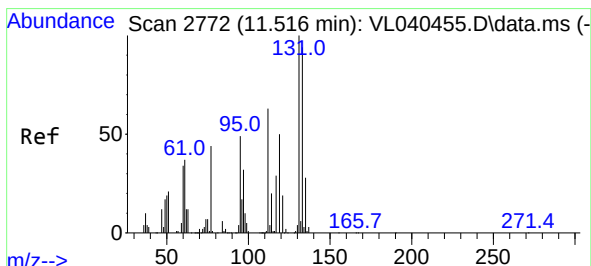
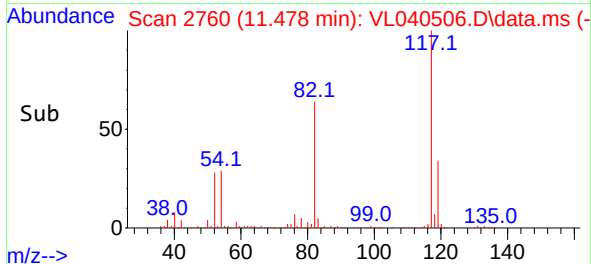
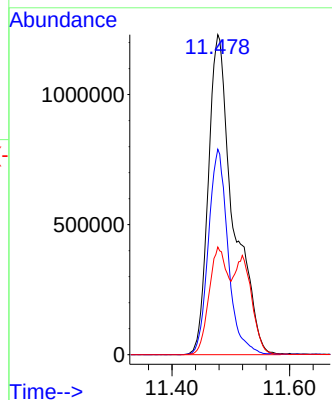
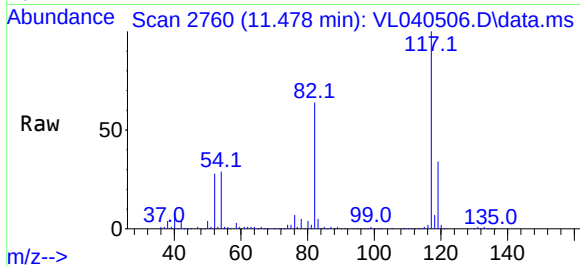




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

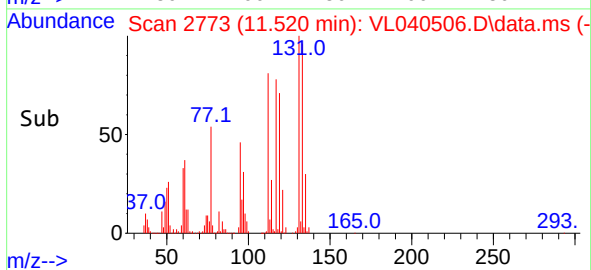
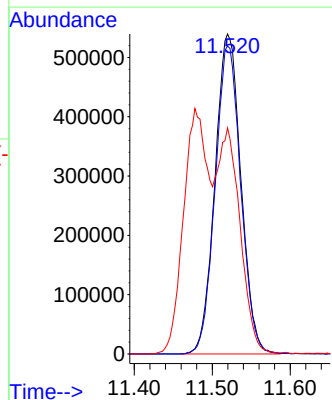
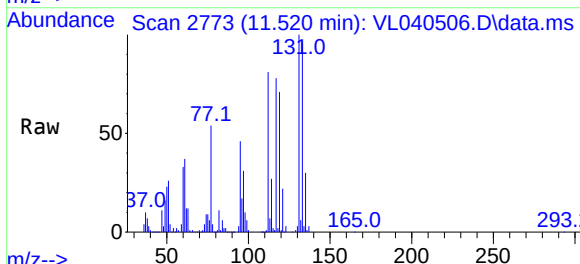
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

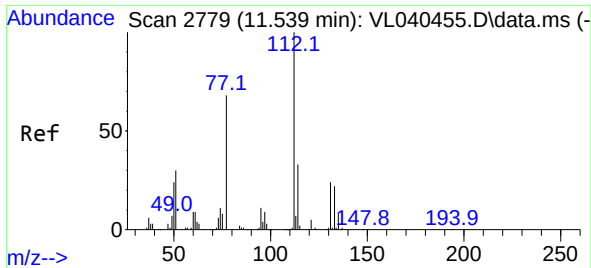
Tgt Ion:117 Resp: 3632513
Ion Ratio Lower Upper
117 100
82 50.7 50.2 75.4
119 25.5 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.657 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:131 Resp: 1245580
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 59.3 51.1 76.7

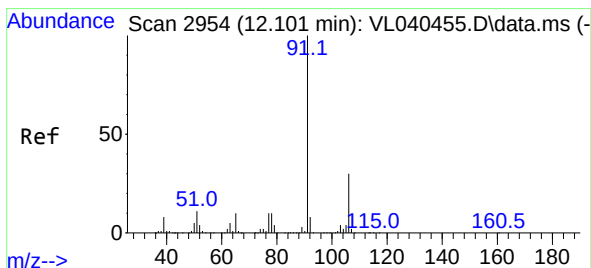
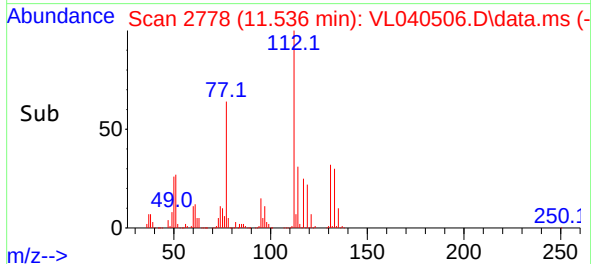
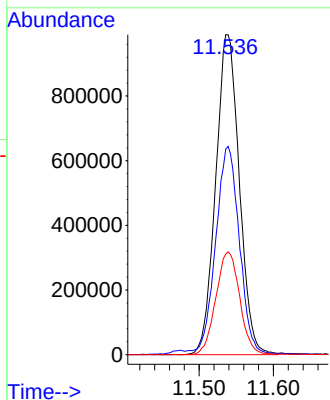
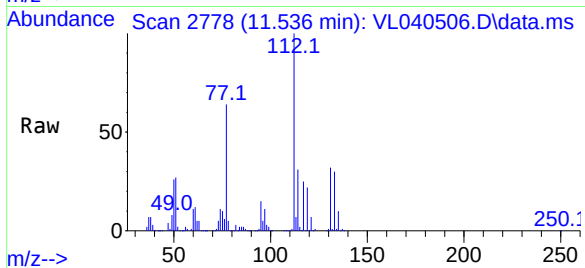




#57
Chlorobenzene
Concen: 7.736 ppbv
RT: 11.536 min Scan# 2191505
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

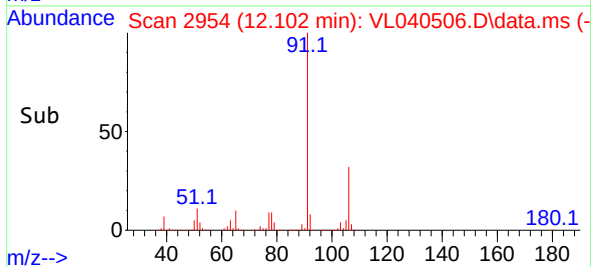
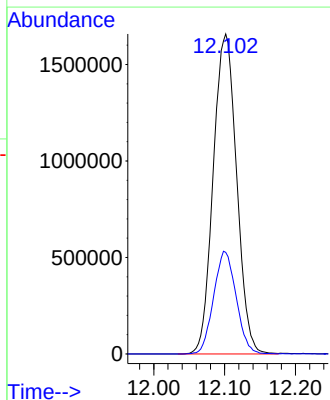
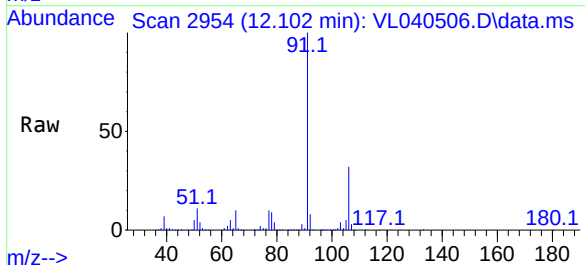
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

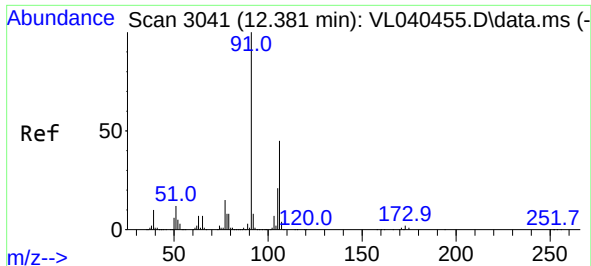
Tgt Ion:112 Resp: 2191505
Ion Ratio Lower Upper
112 100
77 63.8 51.0 76.6
114 31.4 28.3 34.5



#58
Ethyl Benzene
Concen: 8.343 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 91 Resp: 3803282
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

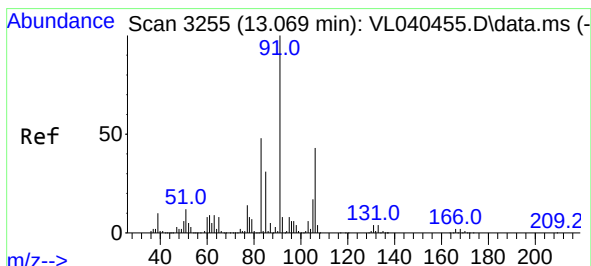
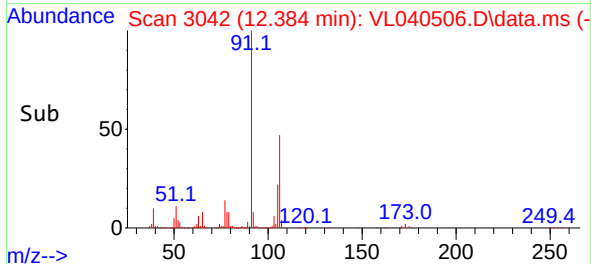
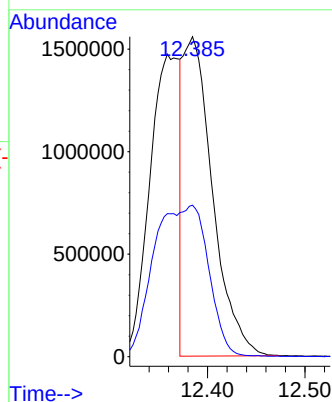
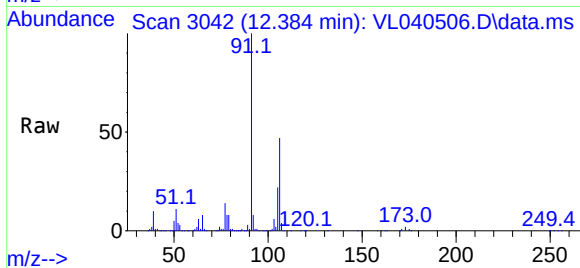




#59
m/p-Xylene
Concen: 8.059 ppbv
RT: 12.384 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

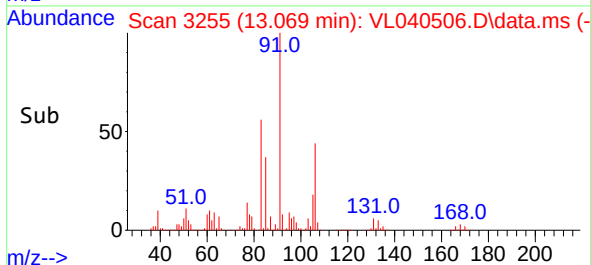
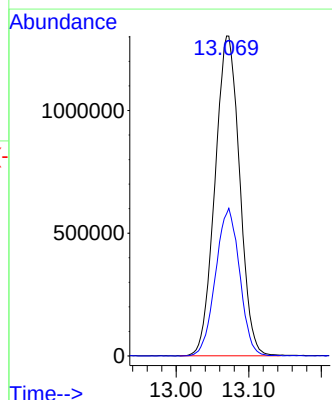
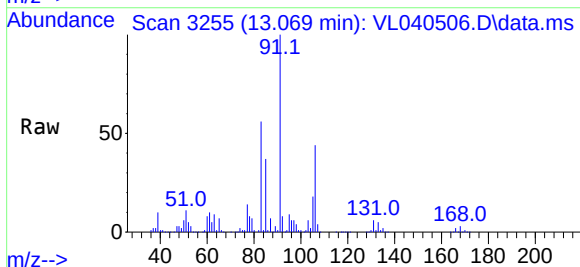
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

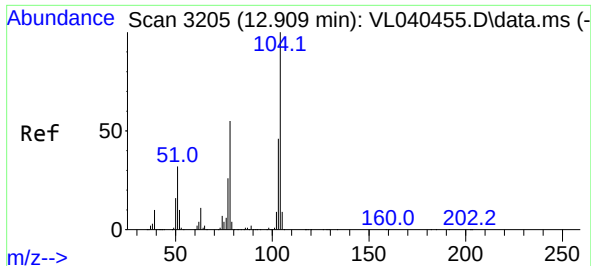
Tgt Ion: 91 Resp: 3278907
Ion Ratio Lower Upper
91 100
106 88.1 35.9 53.9#



#60
o-Xylene
Concen: 7.913 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 91 Resp: 3066943
Ion Ratio Lower Upper
91 100
106 45.3 22.7 68.0

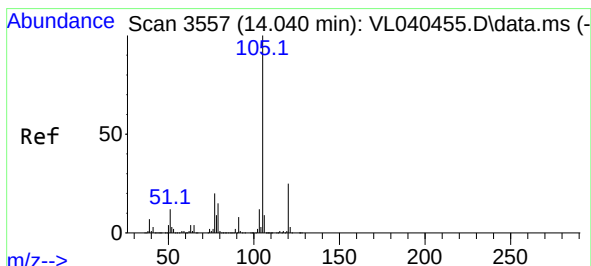
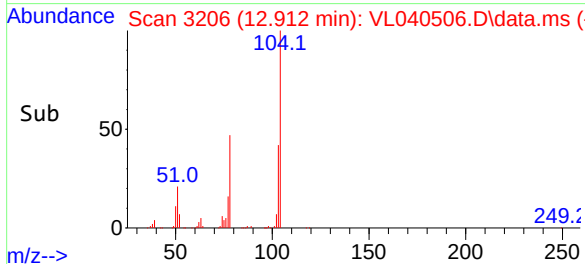
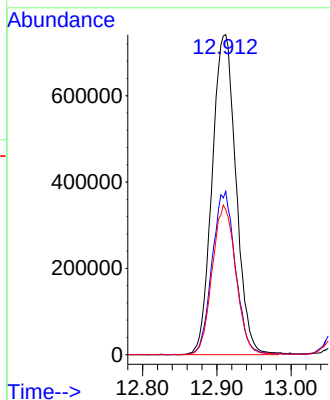
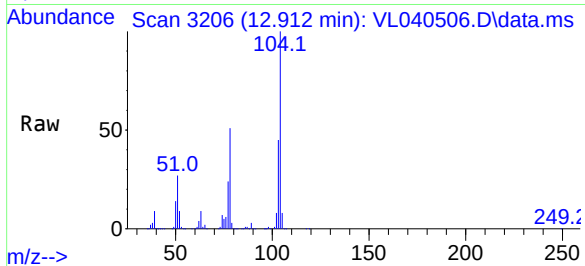




#61
Styrene
Concen: 9.281 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

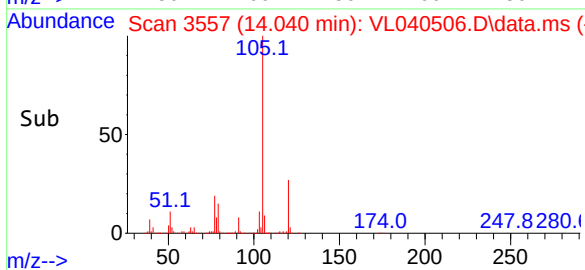
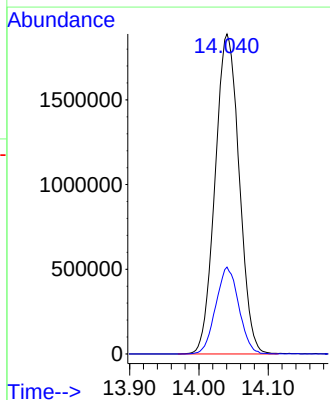
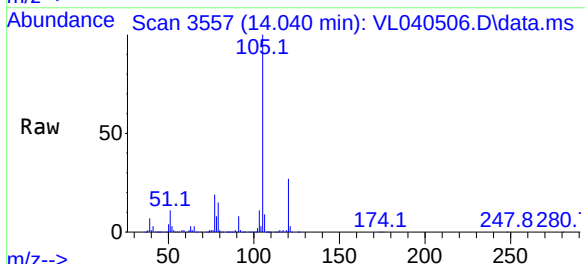
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

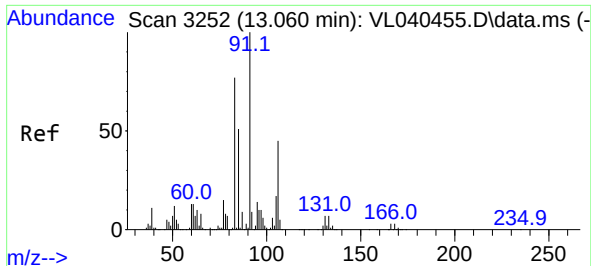
Tgt Ion:104 Resp: 1659366
Ion Ratio Lower Upper
104 100
78 50.0 40.1 60.1
103 46.2 37.0 55.4



#62
Isopropylbenzene
Concen: 7.843 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:105 Resp: 4556156
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2

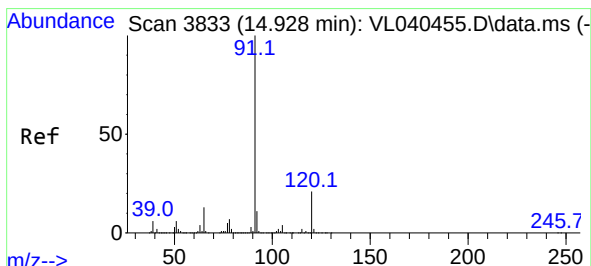
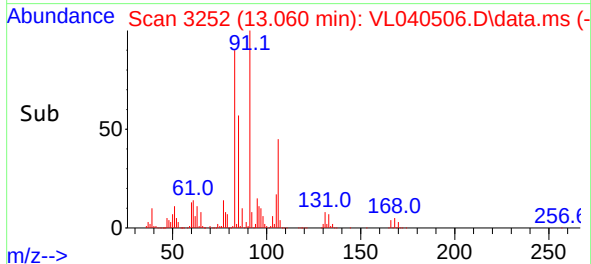
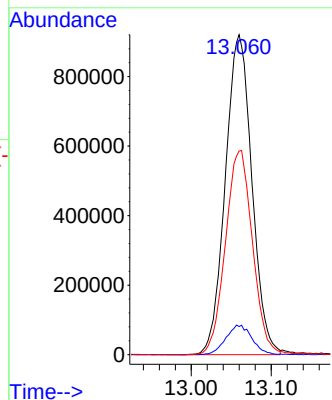
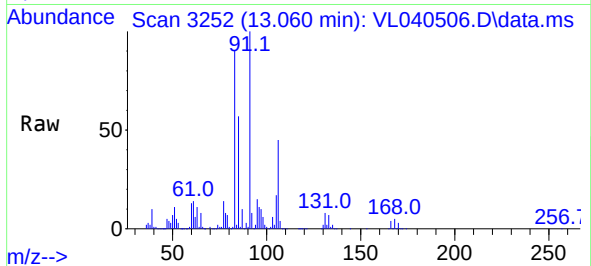




#63
1,1,2,2-Tetrachloroethane
Concen: 7.828 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

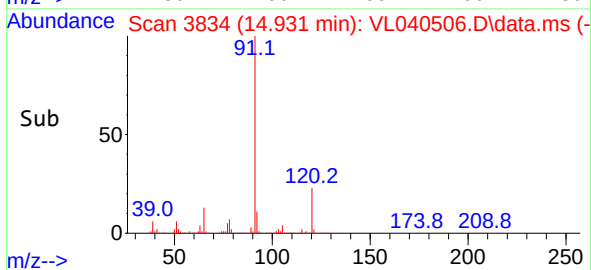
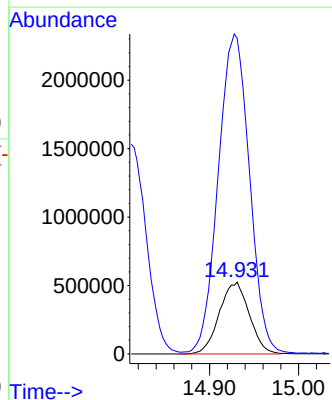
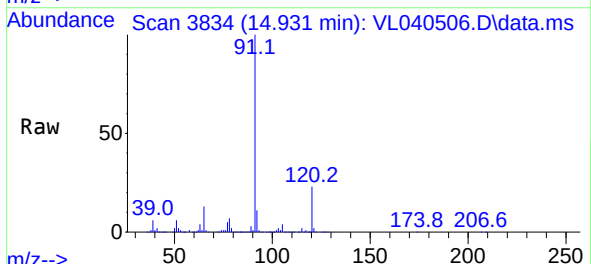
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

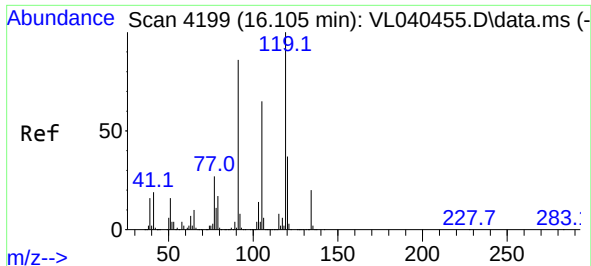
Tgt Ion: 83 Resp: 2124742
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.5 32.8 98.3



#64
n-propylbenzene
Concen: 8.131 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:120 Resp: 1222083
Ion Ratio Lower Upper
120 100
91 467.3 374.3 561.5

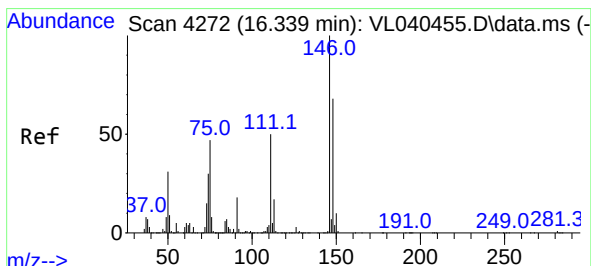
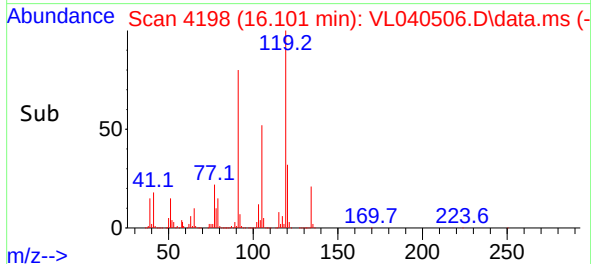
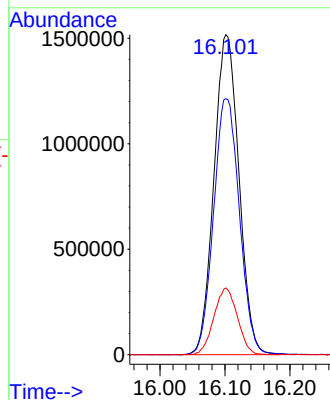
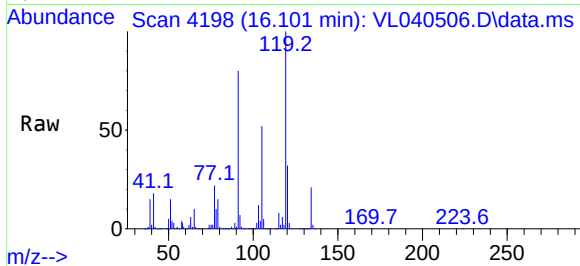




#65
tert-Butylbenzene
Concen: 7.888 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

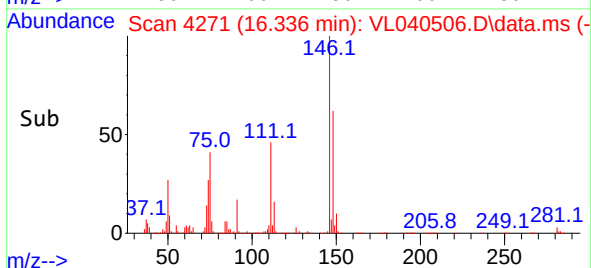
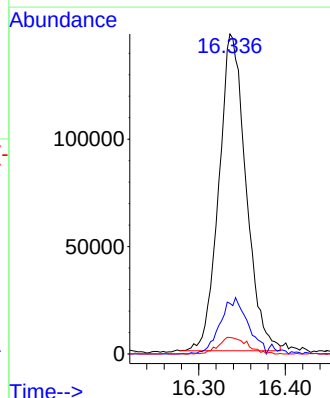
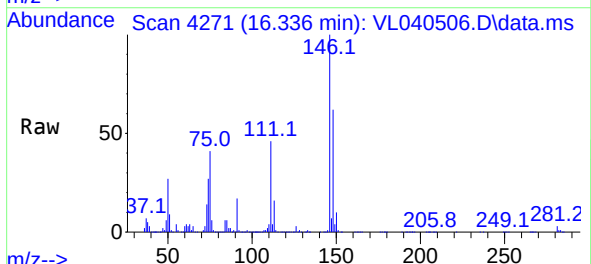
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

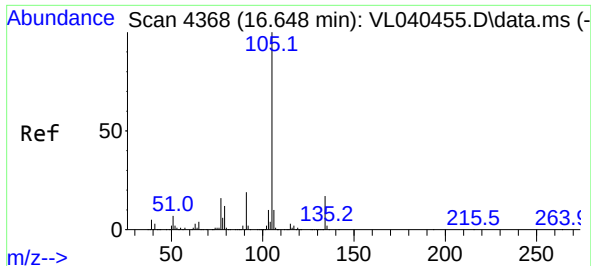
Tgt Ion:119 Resp: 4056621
Ion Ratio Lower Upper
119 100
91 82.5 66.1 99.1
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 8.804 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 91 Resp: 320310
Ion Ratio Lower Upper
91 100
126 19.3 15.4 23.2
128 5.6 4.5 6.7

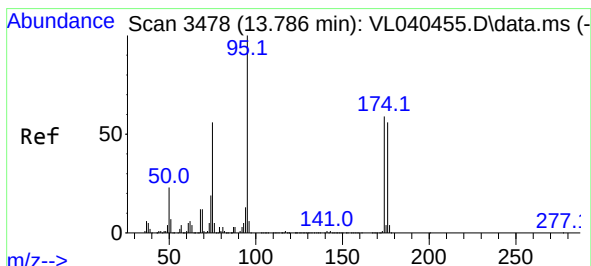
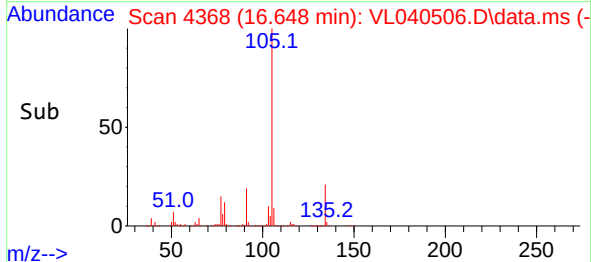
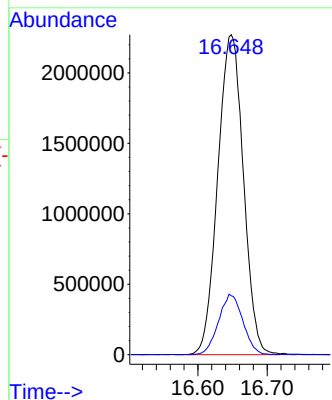
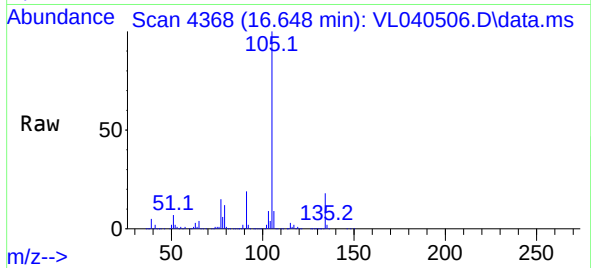




#67
 sec-Butylbenzene
 Concen: 7.719 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

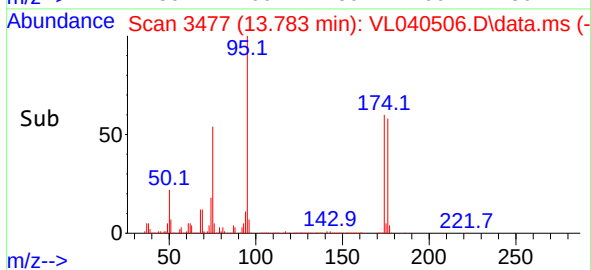
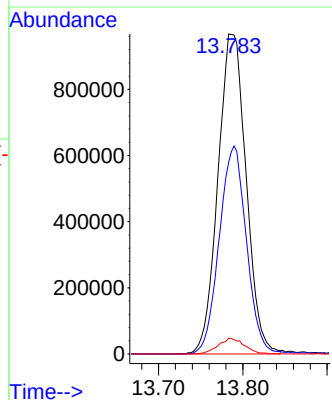
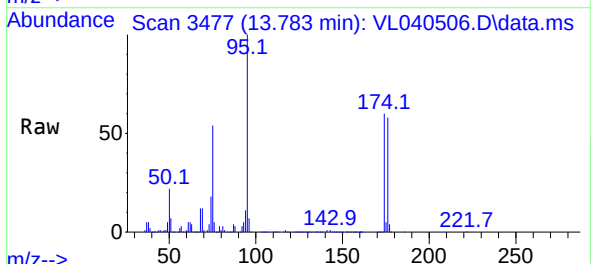
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

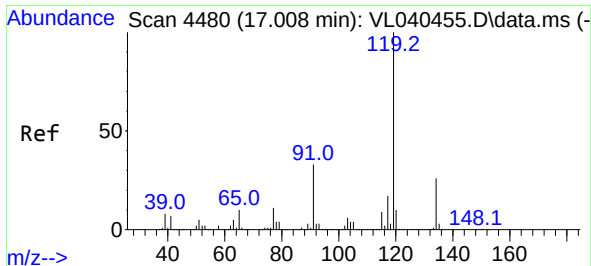
Tgt Ion:105 Resp: 5832867
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.812 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040506.D
 Acq: 10 Jul 2023 11:48

Tgt Ion: 95 Resp: 2245741
 Ion Ratio Lower Upper
 95 100
 174 63.1 50.6 75.8
 175 4.6 3.7 5.5

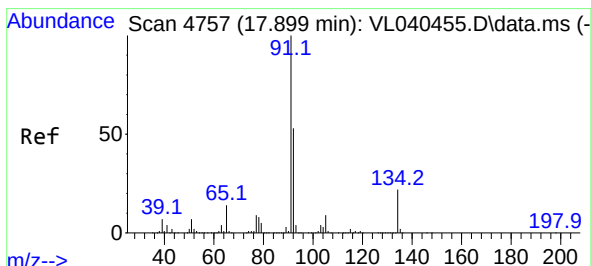
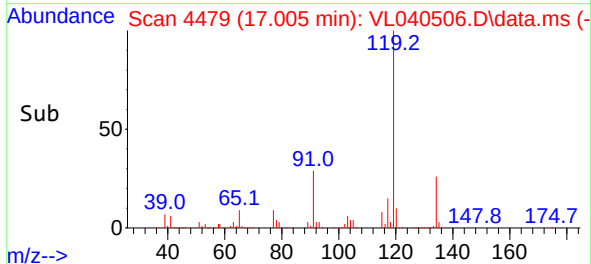
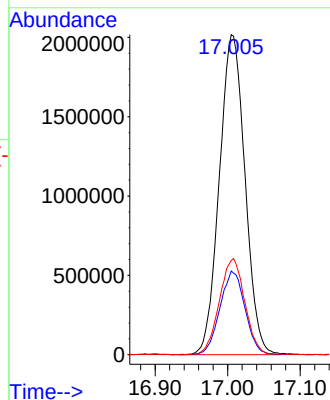
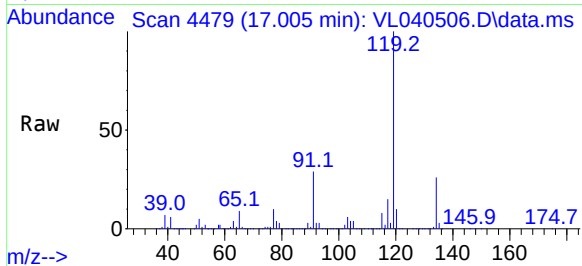




#69
p-Isopropyltoluene
Concen: 7.934 ppbv
RT: 17.005 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

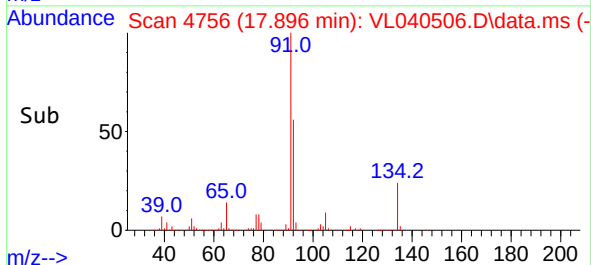
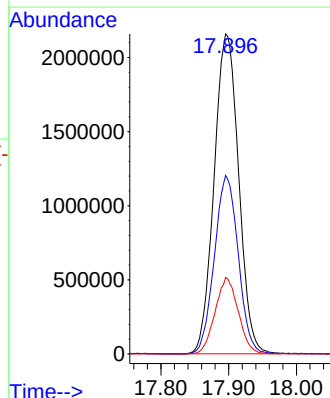
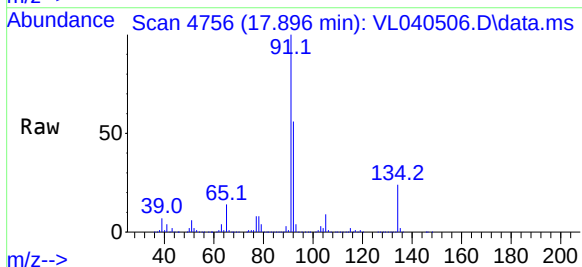
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

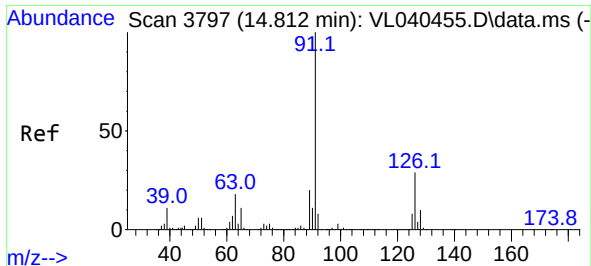
Tgt Ion:119 Resp: 4954335
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 29.9 23.8 35.8



#70
n-Butylbenzene
Concen: 7.806 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 91 Resp: 5436083
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.0
134 22.6 18.1 27.1

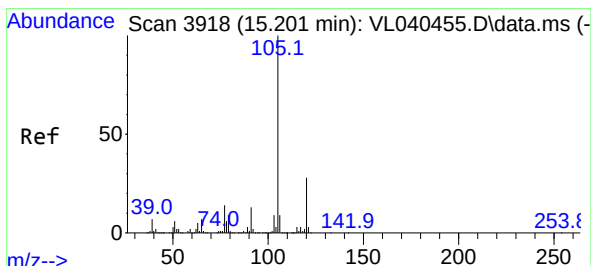
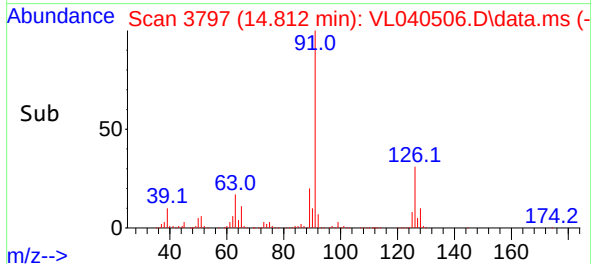
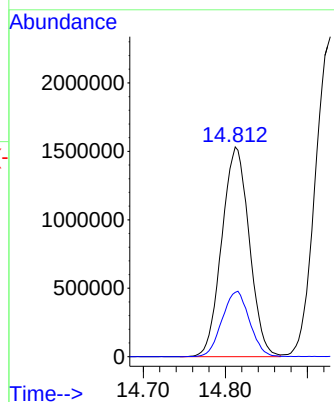
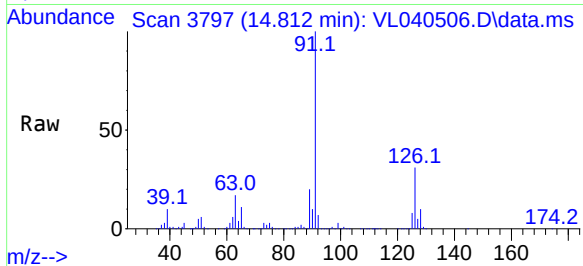




#71
2-Chlorotoluene
Concen: 7.964 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

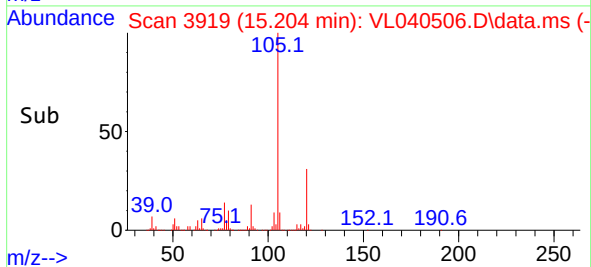
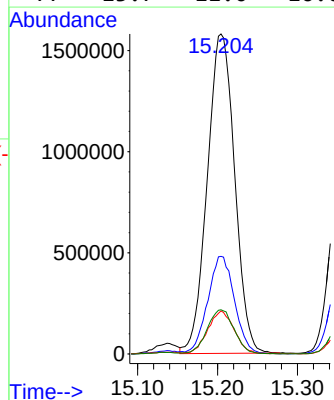
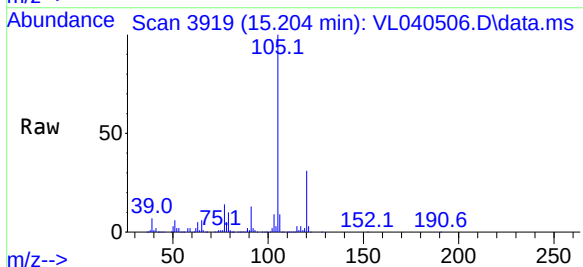
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

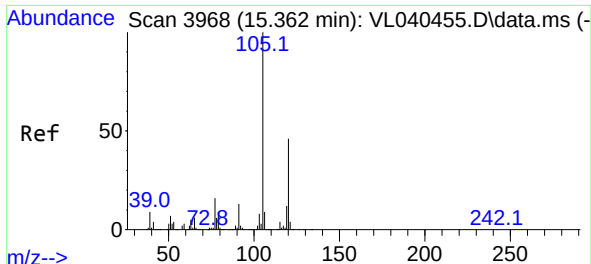
Tgt Ion: 91 Resp: 3565536
Ion Ratio Lower Upper
91 100
126 31.1 12.4 49.8



#72
4-Ethyltoluene
Concen: 8.280 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion: 105 Resp: 3761898
Ion Ratio Lower Upper
105 100
120 29.9 24.6 37.0
91 12.9 10.7 16.1
77 13.7 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 8.160 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Instrument :

MSVOA_1

ClientSampleId :

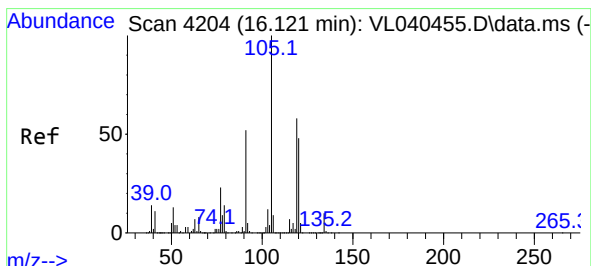
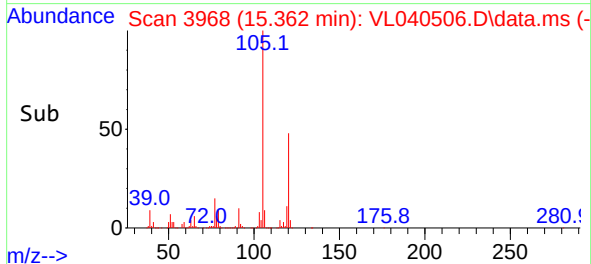
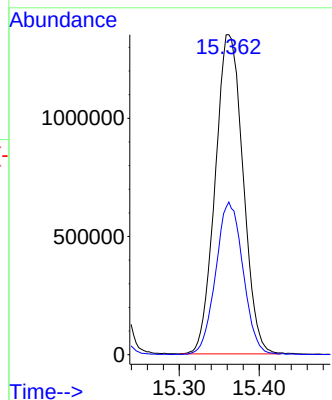
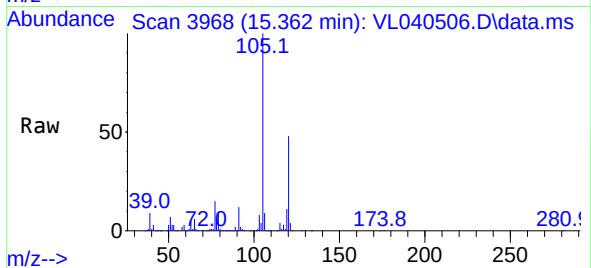
VSTDICCC010

Tgt Ion:105 Resp: 3267910

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#74

1,2,4-Trimethylbenzene

Concen: 7.721 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040506.D

Acq: 10 Jul 2023 11:48

Tgt Ion:105 Resp: 3605174

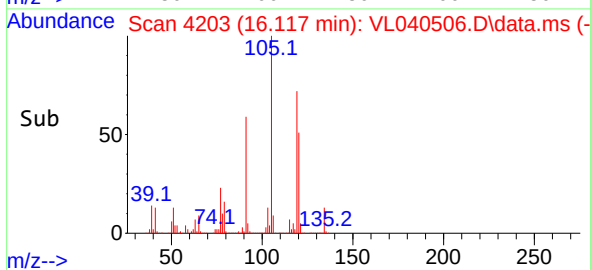
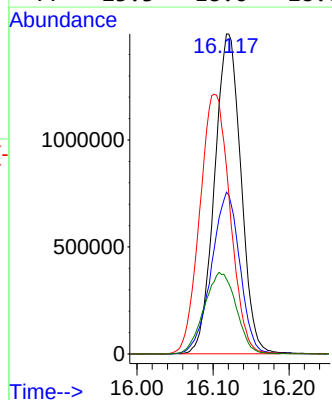
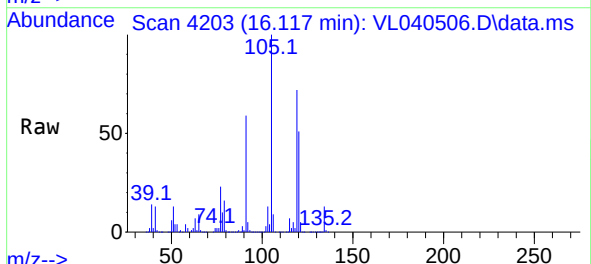
Ion Ratio Lower Upper

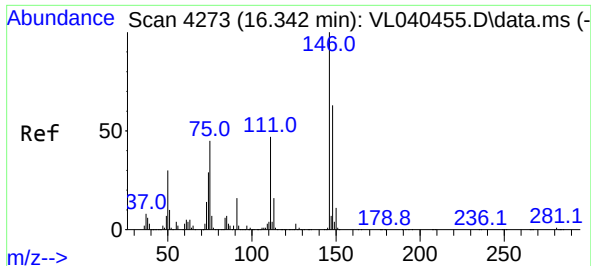
105 100

120 50.4 40.3 60.5

91 58.5 46.8 70.2

77 23.3 18.6 28.0

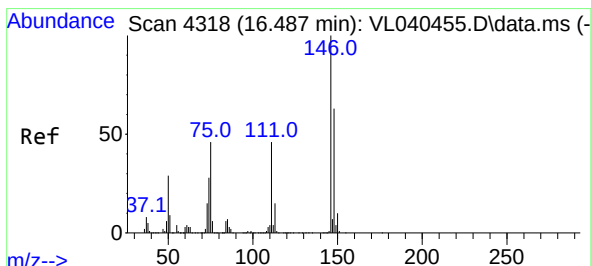
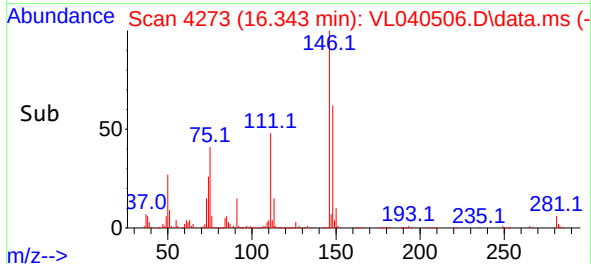
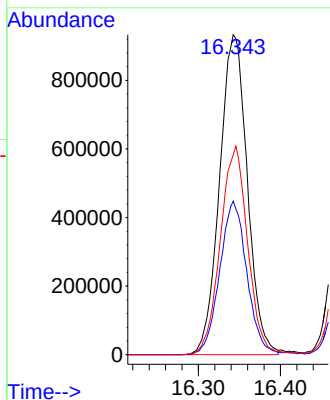
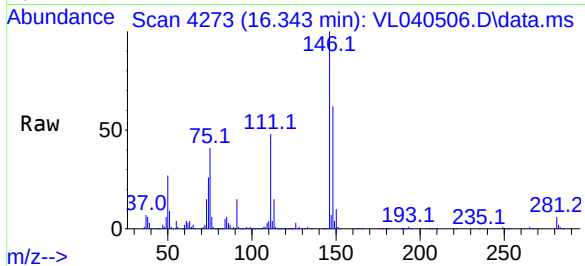




#75
1,3-Dichlorobenzene
Concen: 7.749 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

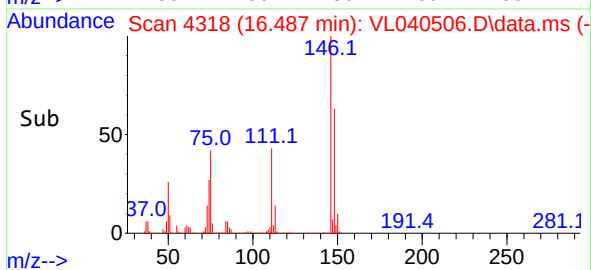
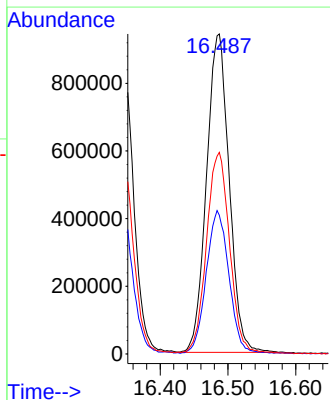
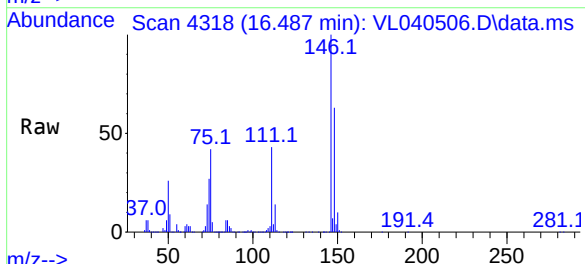
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

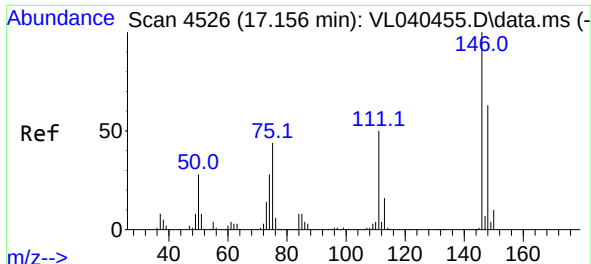
Tgt Ion:146 Resp: 2193826
Ion Ratio Lower Upper
146 100
111 47.3 23.6 71.0
148 64.5 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 7.868 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:146 Resp: 2184187
Ion Ratio Lower Upper
146 100
111 45.5 22.8 68.3
148 65.0 32.6 97.8

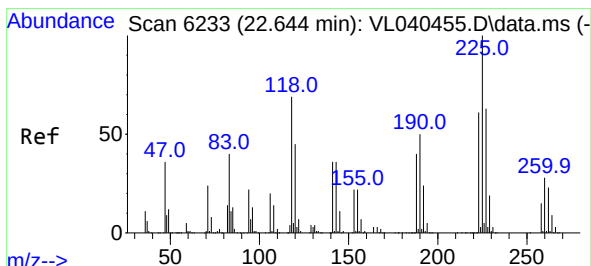
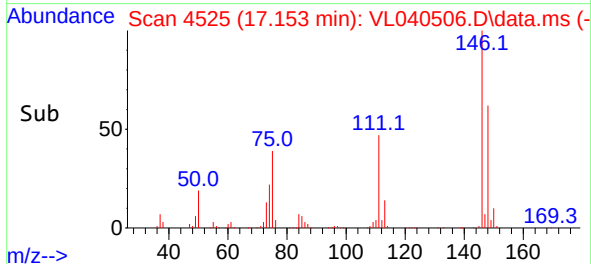
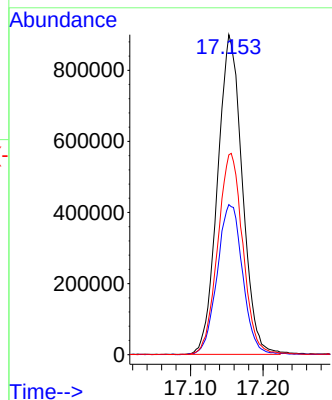
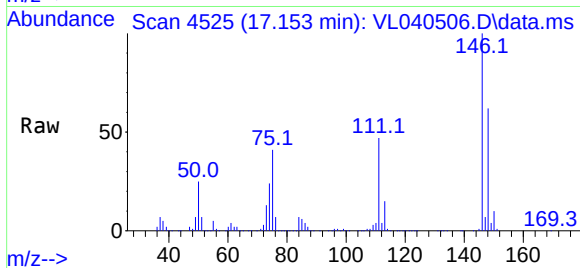




#77
1,2-Dichlorobenzene
Concen: 7.863 ppbv
RT: 17.153 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

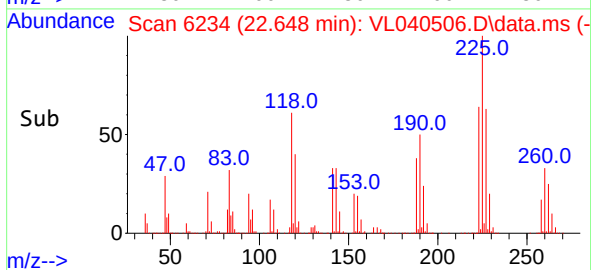
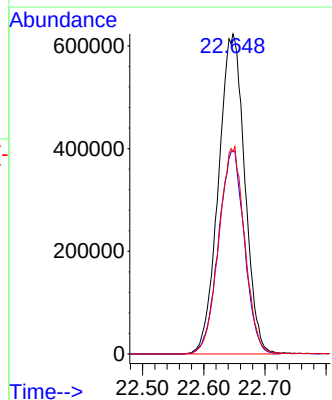
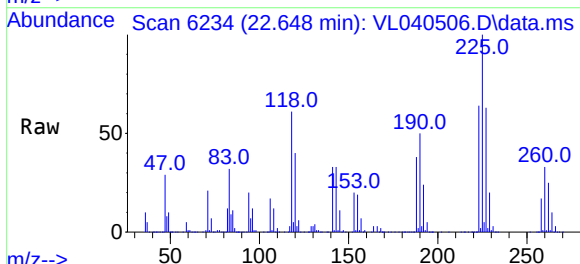
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

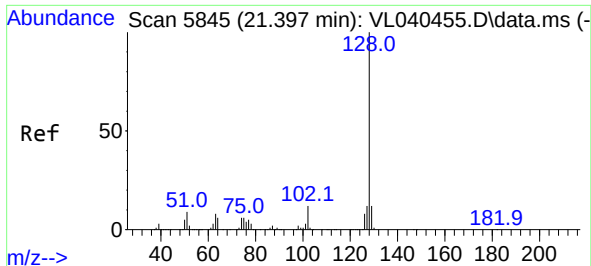
Tgt Ion:146 Resp: 2128490
Ion Ratio Lower Upper
146 100
111 48.8 24.3 72.8
148 64.2 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.312 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Tgt Ion:225 Resp: 1858965
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 63.8 51.0 76.6

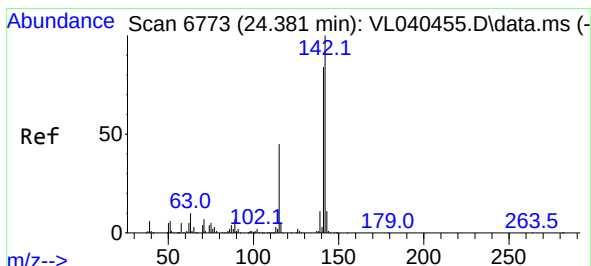
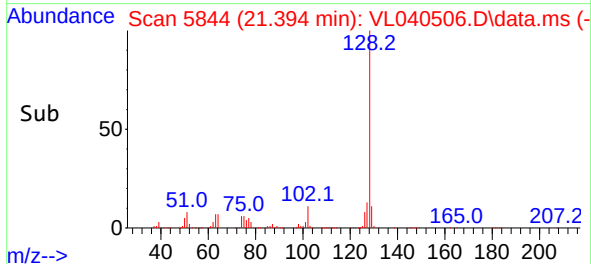
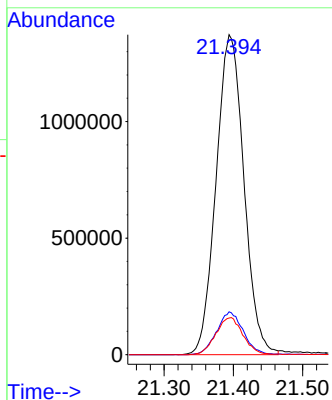
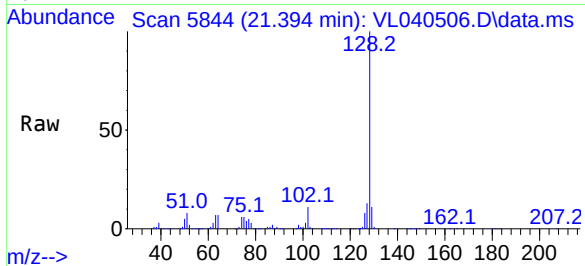




#79
Naphthalene
Concen: 9.677 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

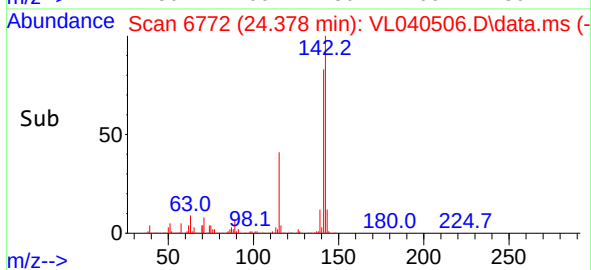
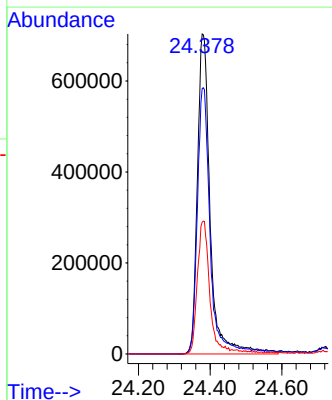
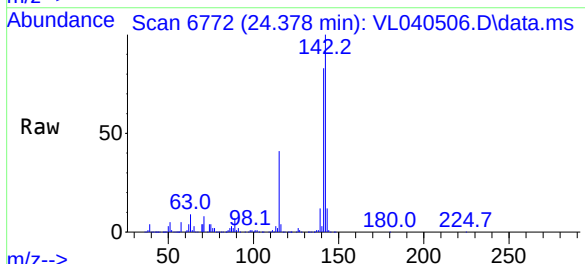
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

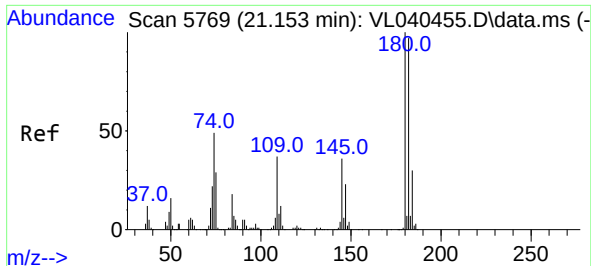
Tgt Ion:128 Resp: 3823227
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.5 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 10.699 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

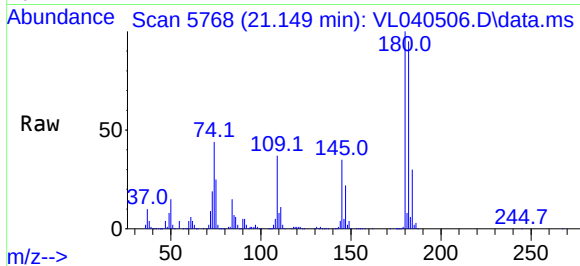
Tgt Ion:142 Resp: 1742810
Ion Ratio Lower Upper
142 100
141 84.0 66.7 100.1
115 39.9 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.224 ppbv
RT: 21.149 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040506.D
Acq: 10 Jul 2023 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 2239038
Ion Ratio Lower Upper
180 100
182 97.4 77.5 116.3
184 30.6 24.5 36.7

