

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040179.D
 Acq On : 15 Feb 2023 17:44
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL021523

Quant Time: Feb 16 05:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	956628	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2458519	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2870964	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1853378	7.851	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.500%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.726	85	1465381	8.219	ppbv	100
3) Chlorodifluoromethane	2.668	51	1092552	9.560	ppbv	99
4) Chloromethane	2.809	50	707737	9.860	ppbv	95
5) Vinyl Chloride	2.915	62	607755	10.536	ppbv	98
6) Bromomethane	3.115	94	208879	10.033	ppbv	89
7) Chloroethane	3.192	64	216601	9.469	ppbv	96
8) Dichlorotetrafluoroethane	2.851	85	1480605	9.637	ppbv	99
9) Propene	2.687	41	474514	10.187	ppbv	99
10) Heptane	7.584	43	1153446	10.403	ppbv	100
11) Trichlorofluoromethane	3.558	101	1524621	9.530	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1098692	9.310	ppbv	99
13) Ethanol	3.240	45	29143	6.796	ppbv	82
14) Bromoethene	3.362	108	471851	10.426	ppbv	100
15) Acetone	3.462	43	1045154	9.075	ppbv	99
16) 1,3-Butadiene	2.980	39	536531	10.201	ppbv	97
17) tert-Butyl alcohol	3.873	59	1072436	10.210	ppbv	99
18) 1,1-Dichloroethene	3.877	96	498846	9.728	ppbv	96
19) Isopropyl Alcohol	3.571	45	546686	9.986	ppbv #	98
20) Methylene Chloride	3.931	84	445958	7.438	ppbv	94
21) Allyl Chloride	3.996	41	729359	10.325	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	529582	9.973	ppbv	93
23) Vinyl Acetate	4.626	43	324272	9.277	ppbv #	98
24) 1,1-Dichloroethane	4.562	63	1055858	9.664	ppbv	98
25) Ethyl Acetate	5.205	43	2170748	10.139	ppbv	100
26) Hexane	5.214	57	918980	9.998	ppbv	98
27) Carbon Disulfide	4.121	76	1245553	10.680	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	977267	9.923	ppbv	100
29) Chloroform	5.275	83	1527982	9.682	ppbv	100
30) Cyclohexane	6.606	84	771359	10.688	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	949291	10.870	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1532554	10.336	ppbv	99
34) 2-Butanone	4.787	43	1213347	10.005	ppbv	98
35) Carbon Tetrachloride	6.497	117	1587143	10.920	ppbv	98
36) Benzene	6.372	78	1948966	10.187	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1187136	9.921	ppbv	99
38) Trichloroethene	7.298	130	1139080	10.804	ppbv	98
39) 1,2-Dichloropropane	7.079	63	736075	9.890	ppbv	96
40) 1,4-Dioxane	7.291	88	318901	10.711	ppbv	87
41) Tetrahydrofuran	5.558	42	758419	10.791	ppbv	100
42) Bromodichloromethane	7.256	83	1705464	10.326	ppbv	98
43) Methyl Methacrylate	7.481	69	779242	11.007	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3190999	9.991	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	755025	12.023	ppbv	98

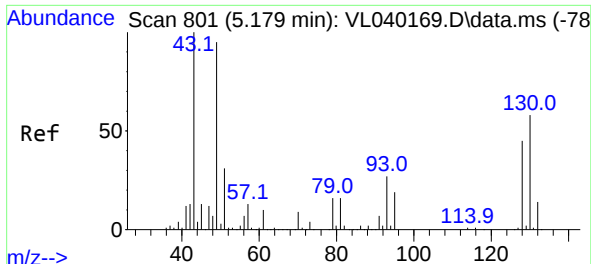
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040179.D
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 Sample : VSTDICV010
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Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523

Quant Time: Feb 16 05:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1025901	11.726	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	811942	10.086	ppbv	98
48) Dibromochloromethane	9.719	129	1396391	10.845	ppbv	100
49) Bromoform	12.420	173	1106302	11.008	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	1978119	10.505	ppbv	99
51) 2-Hexanone	9.561	43	1547919	10.689	ppbv #	100
52) Tetrachloroethene	10.626	164	660787	11.060	ppbv	97
53) Toluene	9.230	91	2226531	10.865	ppbv	100
54) 1,2-Dibromoethane	10.018	107	918167	10.962	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.519	131	990162	8.216	ppbv	97
57) Chlorobenzene	11.536	112	1694088	8.077	ppbv	99
58) Ethyl Benzene	12.098	91	3013920	8.640	ppbv	99
59) m/p-Xylene	12.384	91	2330535	7.543	ppbv #	16
60) o-Xylene	13.069	91	2491779	8.382	ppbv	99
61) Styrene	12.908	104	1458504	9.345	ppbv	100
62) Isopropylbenzene	14.040	105	3488966	8.176	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	825540	7.706	ppbv	99
64) n-propylbenzene	14.931	120	901537	8.536	ppbv	100
65) tert-Butylbenzene	16.101	119	3052250	8.229	ppbv	100
66) Benzyl Chloride	16.342	91	210197	8.516	ppbv	99
67) sec-Butylbenzene	16.648	105	4305486	8.094	ppbv	100
69) p-Isopropyltoluene	17.008	119	3462777	8.211	ppbv	100
70) n-Butylbenzene	17.899	91	3725939	8.140	ppbv	100
71) 2-Chlorotoluene	14.812	91	2719944	8.334	ppbv	100
72) 4-Ethyltoluene	15.204	105	2854500	8.686	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	2521774	8.247	ppbv	100
74) 1,2,4-Trimethylbenzene	16.121	105	2728035	8.122	ppbv	96
75) 1,3-Dichlorobenzene	16.342	146	1493417	8.124	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1449825	8.049	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1422498	7.791	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	937778	7.476	ppbv	100
79) Naphthalene	21.397	128	1890875	10.020	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	541067	10.083	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	993721	8.415	ppbv	100

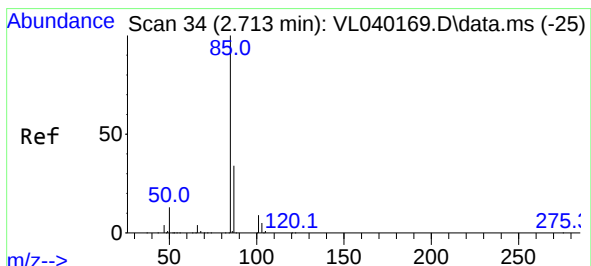
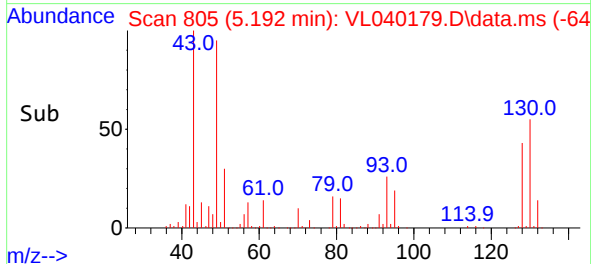
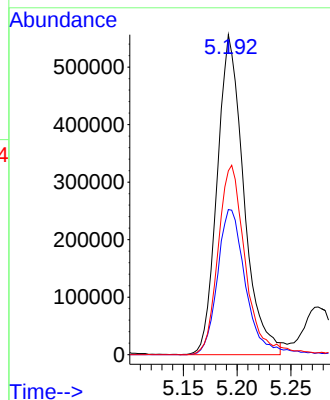
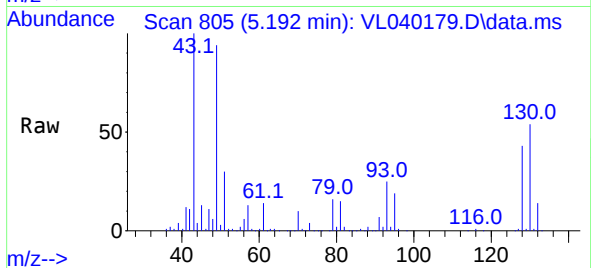
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

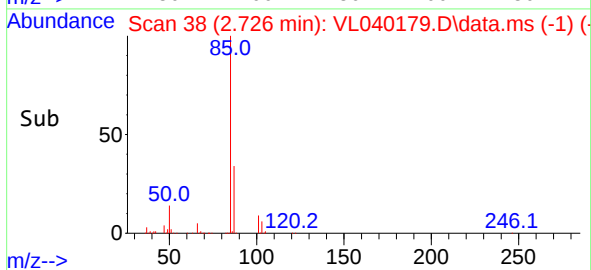
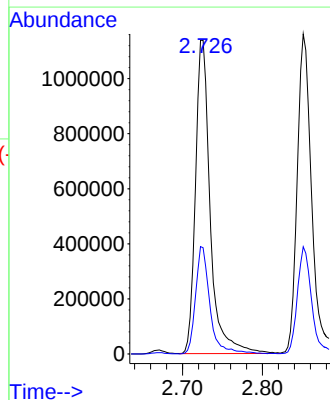
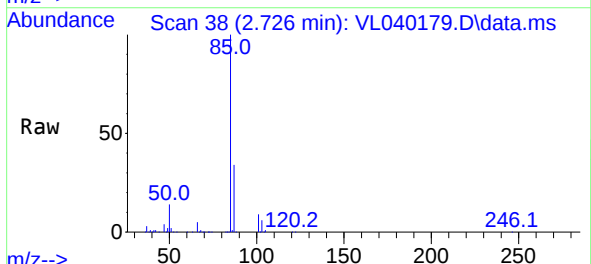
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

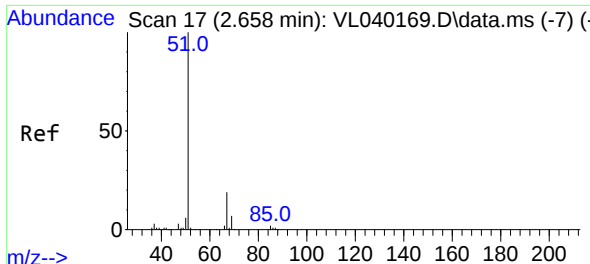
Tgt Ion: 49 Resp: 956628
Ion Ratio Lower Upper
49 100
128 48.8 24.1 72.3
130 62.0 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 8.219 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 85 Resp: 1465381
Ion Ratio Lower Upper
85 100
87 33.9 27.0 40.6

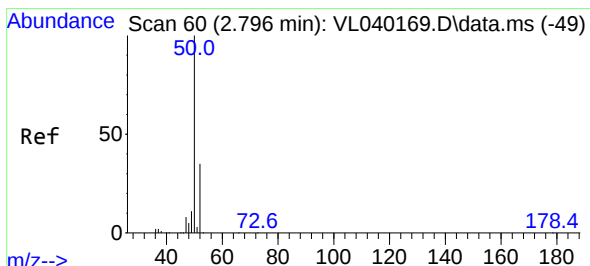
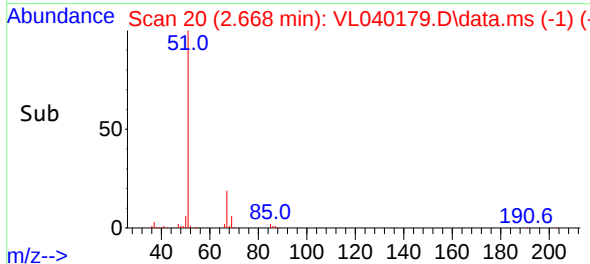
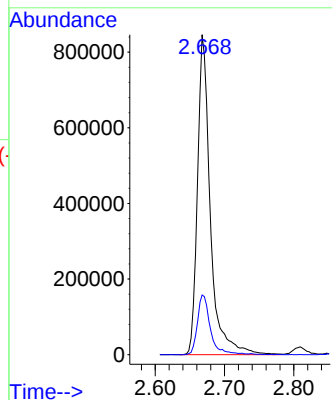
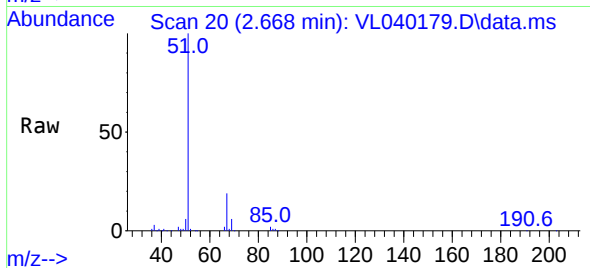




#3
Chlorodifluoromethane
Concen: 9.560 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

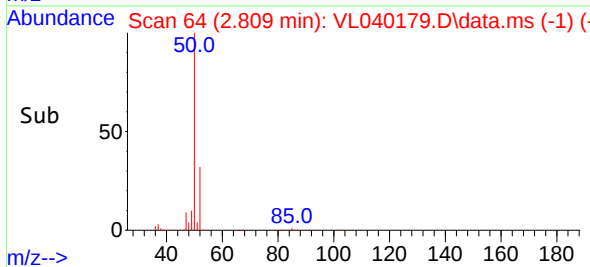
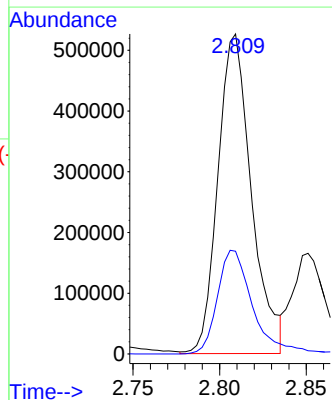
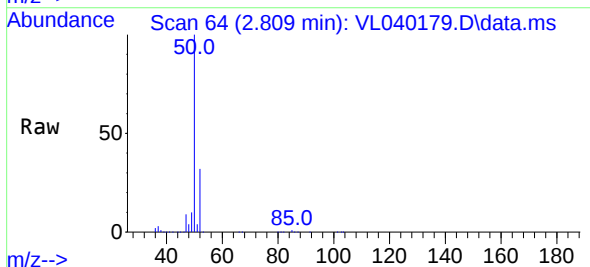
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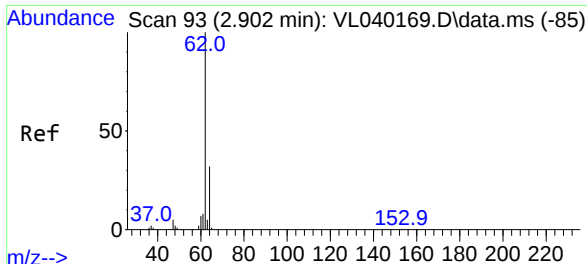
Tgt Ion: 51 Resp: 1092552
Ion Ratio Lower Upper
51 100
67 19.0 15.4 23.2



#4
Chloromethane
Concen: 9.860 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 50 Resp: 707737
Ion Ratio Lower Upper
50 100
52 32.3 28.3 42.5

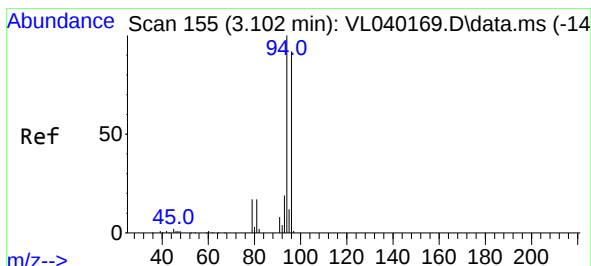
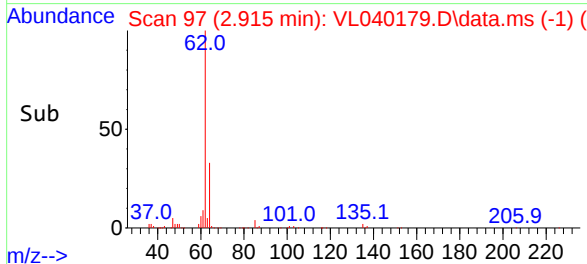
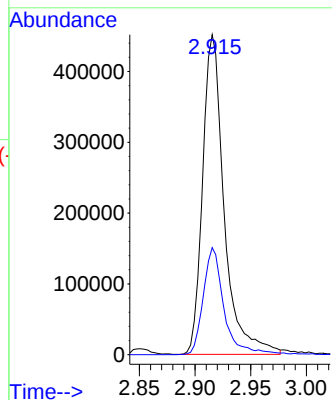
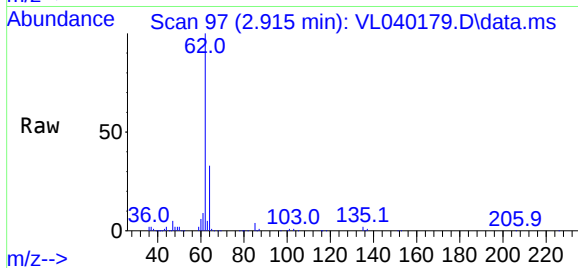




#5
 Vinyl Chloride
 Concen: 10.536 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

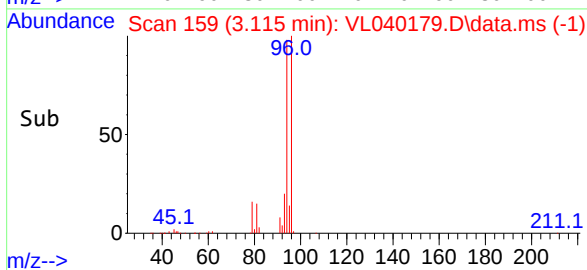
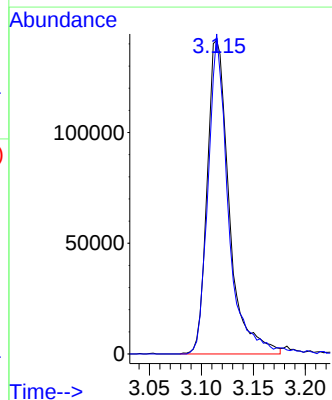
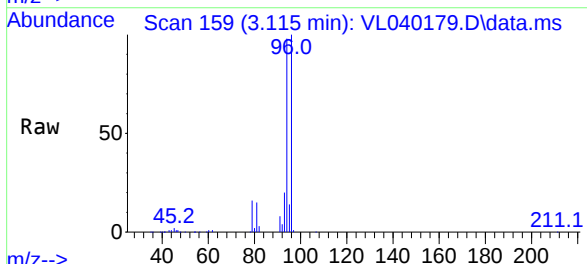
Instrument :
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 ClientSampleId :
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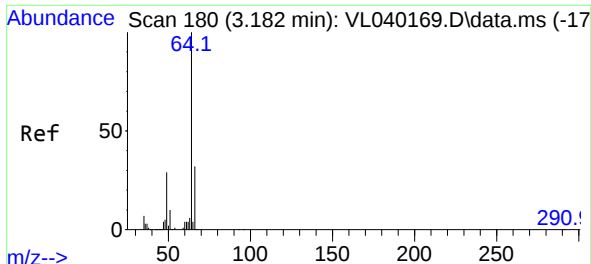
Tgt Ion: 62 Resp: 607755
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.6 38.4



#6
 Bromomethane
 Concen: 10.033 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

Tgt Ion: 94 Resp: 208879
 Ion Ratio Lower Upper
 94 100
 96 102.0 73.4 110.2

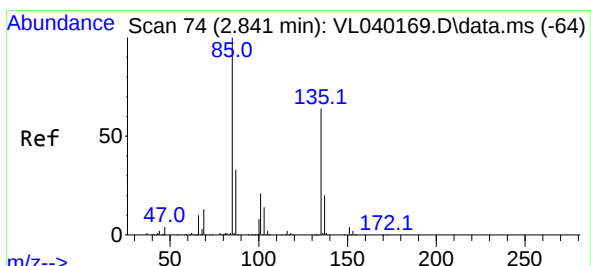
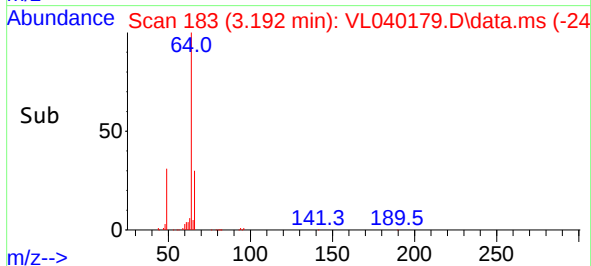
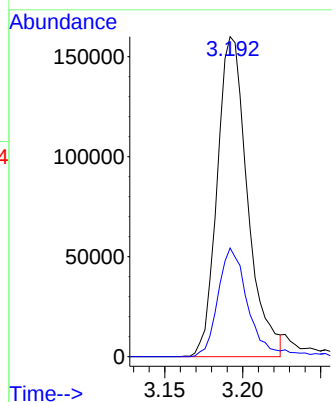
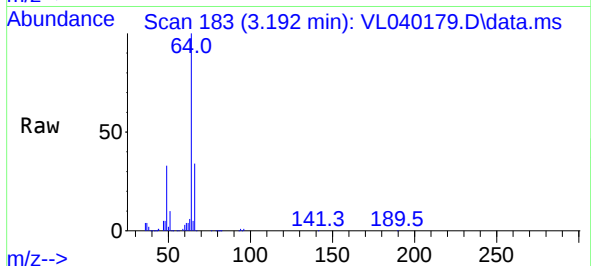




#7
Chloroethane
Concen: 9.469 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

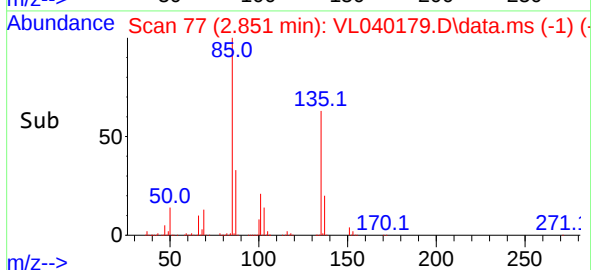
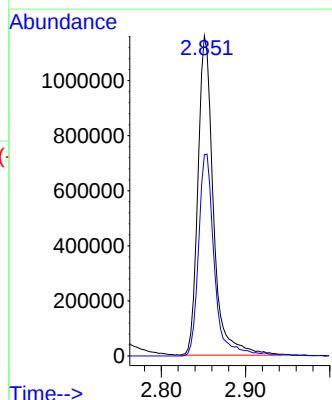
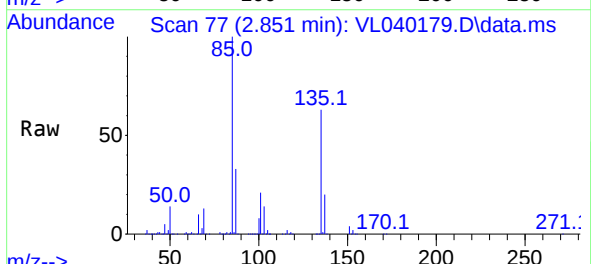
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

Tgt Ion: 64 Resp: 216601
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2

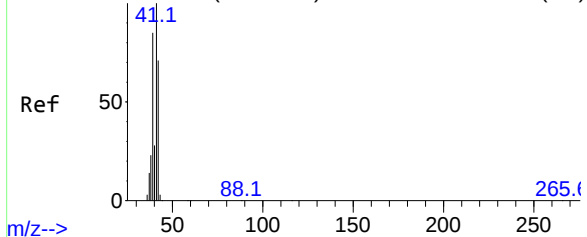


#8
Dichlorotetrafluoroethane
Concen: 9.637 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 85 Resp: 1480605
Ion Ratio Lower Upper
85 100
135 65.3 51.5 77.3



Abundance Scan 23 (2.677 min): VL040169.D\data.ms (-13)

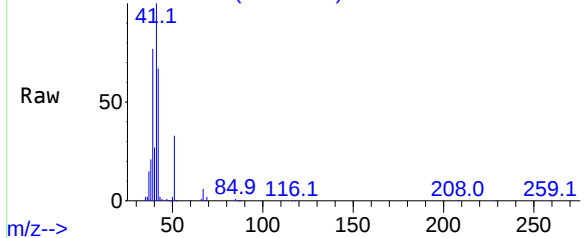


#9
Propene
Concen: 10.187 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

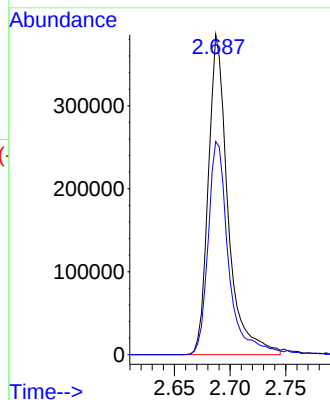
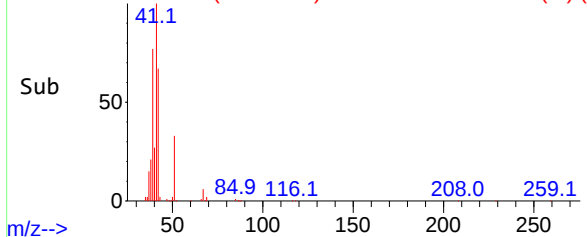
Instrument :
MSVOA_1
ClientSampleId :
ICVVL021523

Tgt Ion: 41 Resp: 474514
Ion Ratio Lower Upper
41 100
42 70.5 56.9 85.3

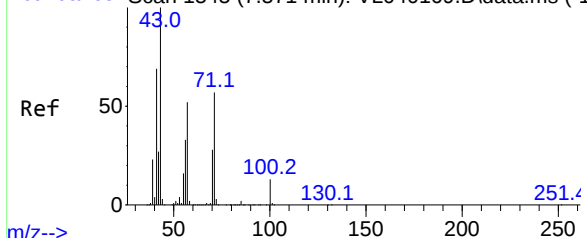
Abundance Scan 26 (2.687 min): VL040179.D\data.ms



Abundance Scan 26 (2.687 min): VL040179.D\data.ms (-1)



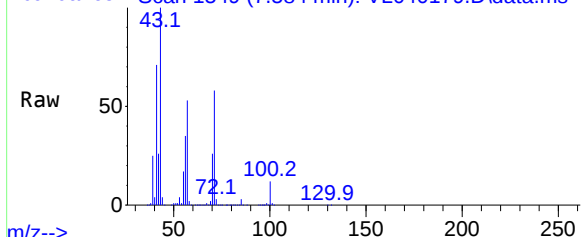
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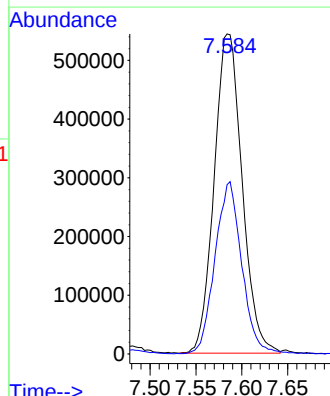
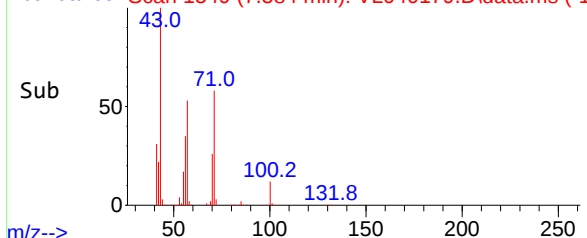
#10
Heptane
Concen: 10.403 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

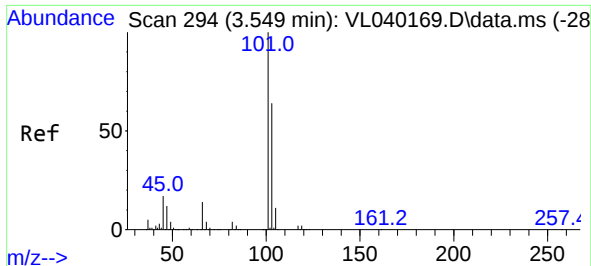
Tgt Ion: 43 Resp: 1153446
Ion Ratio Lower Upper
43 100
57 51.6 41.4 62.2

Abundance Scan 1549 (7.584 min): VL040179.D\data.ms



Abundance Scan 1549 (7.584 min): VL040179.D\data.ms (-1)

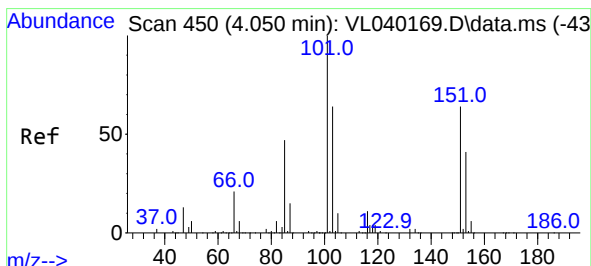
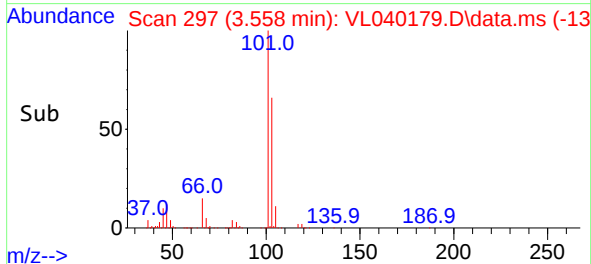
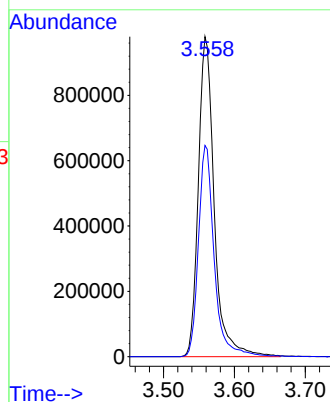
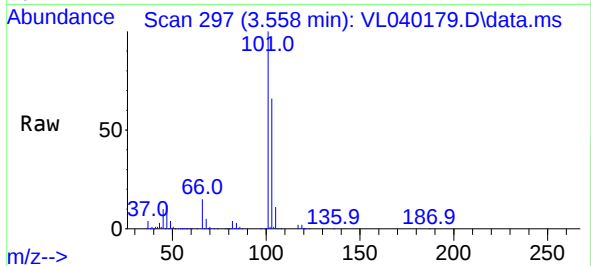




#11
Trichlorofluoromethane
Concen: 9.530 ppbv
RT: 3.558 min Scan# 294
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

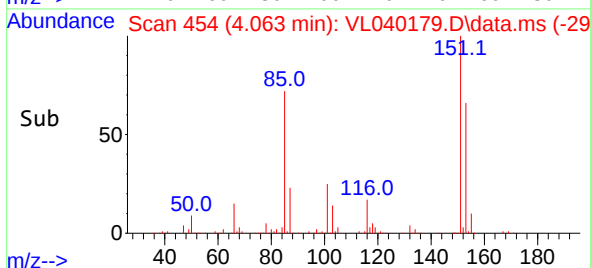
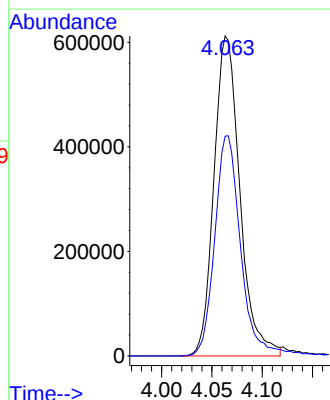
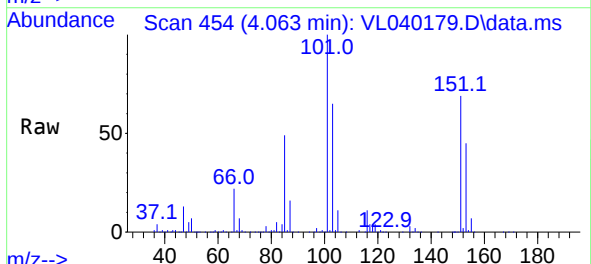
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

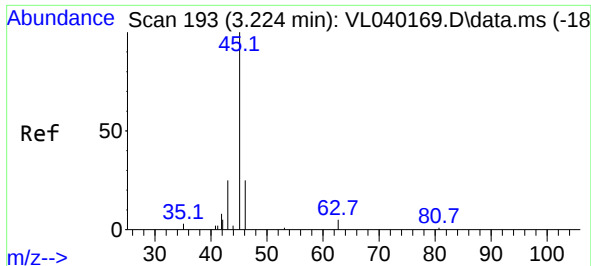
Tgt Ion:101 Resp: 1524621
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.310 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:101 Resp: 1098692
Ion Ratio Lower Upper
101 100
151 69.3 54.7 82.1

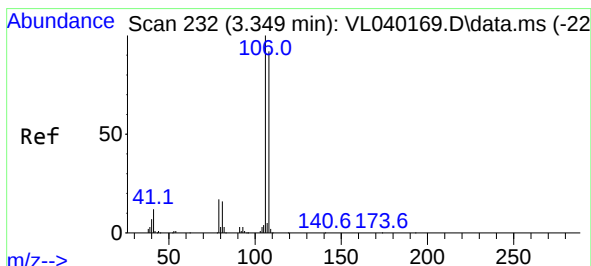
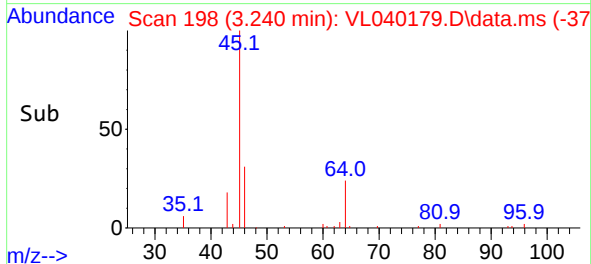
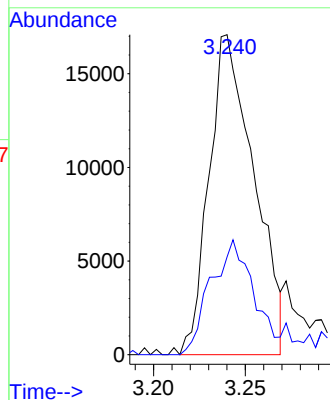
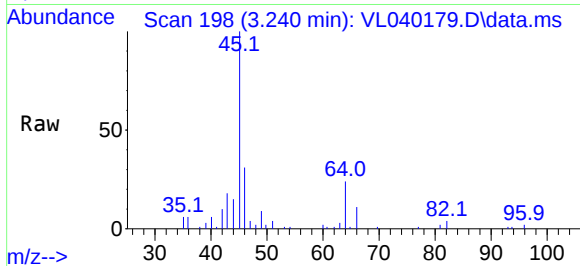




#13
Ethanol
Concen: 6.796 ppbv
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

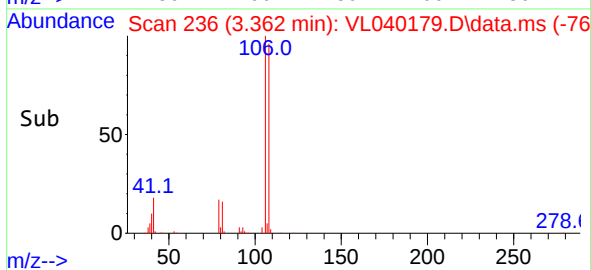
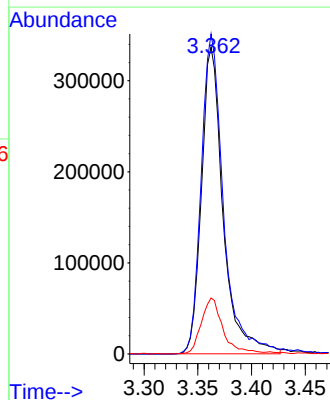
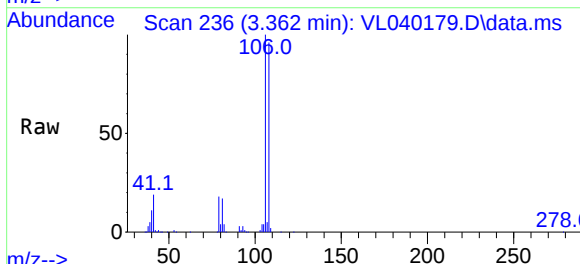
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

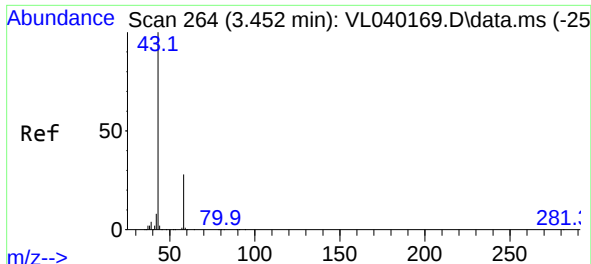
Tgt Ion: 45 Resp: 29143
Ion Ratio Lower Upper
45 100
46 43.2 13.3 53.1



#14
Bromoethene
Concen: 10.426 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 108 Resp: 471851
Ion Ratio Lower Upper
108 100
106 109.3 87.1 130.7
79 18.8 15.4 23.2

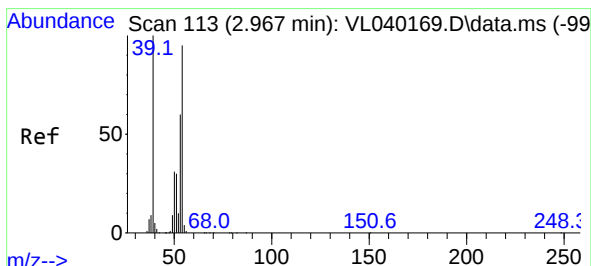
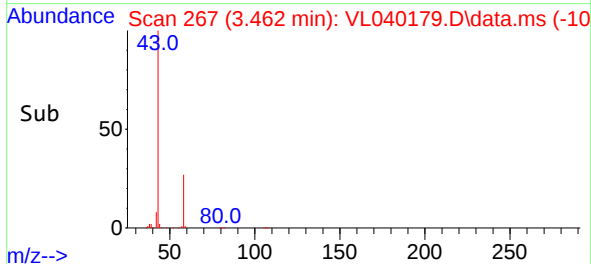
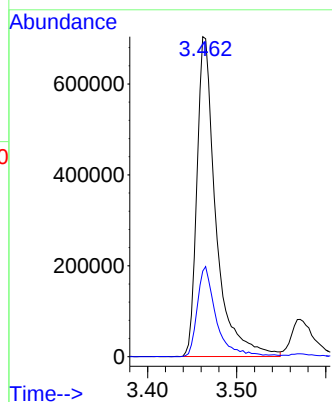
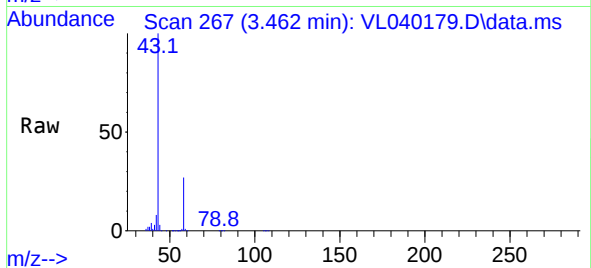




#15
Acetone
Concen: 9.075 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

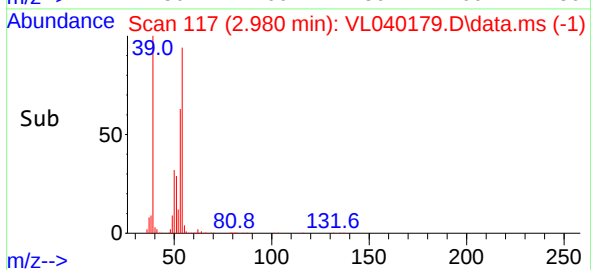
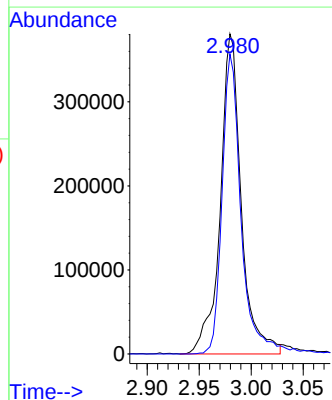
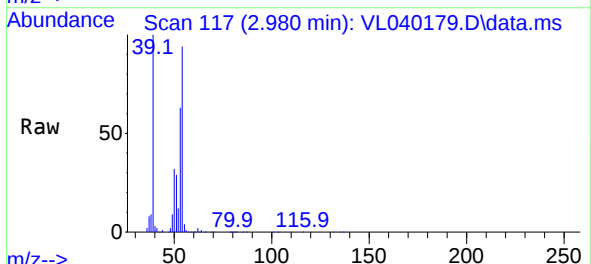
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

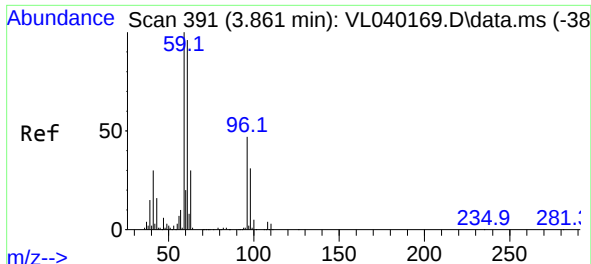
Tgt Ion: 43 Resp: 1045154
Ion Ratio Lower Upper
43 100
58 28.4 22.4 33.6



#16
1,3-Butadiene
Concen: 10.201 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 39 Resp: 536531
Ion Ratio Lower Upper
39 100
54 86.1 66.7 100.1

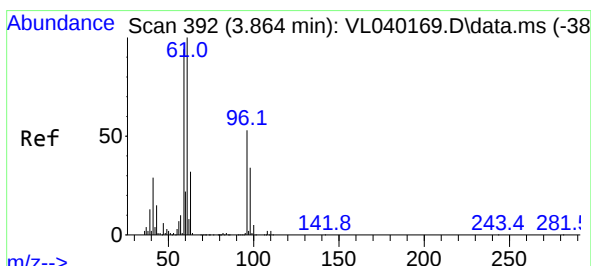
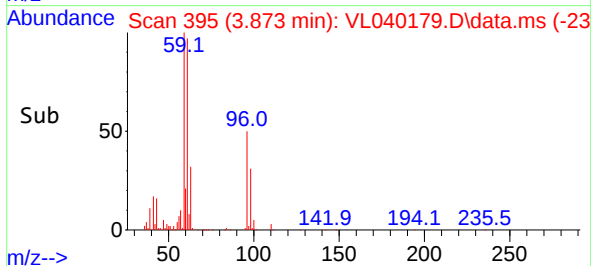
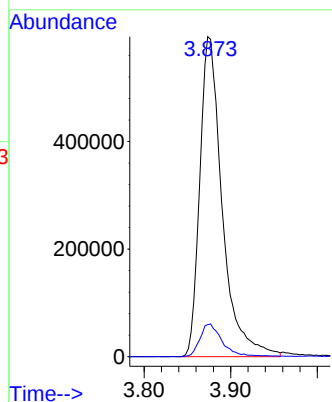
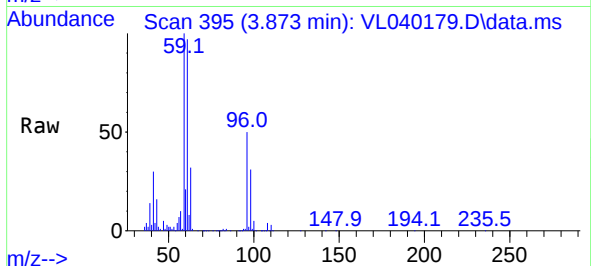




#17
tert-Butyl alcohol
Concen: 10.210 ppbv
RT: 3.873 min Scan# 391
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

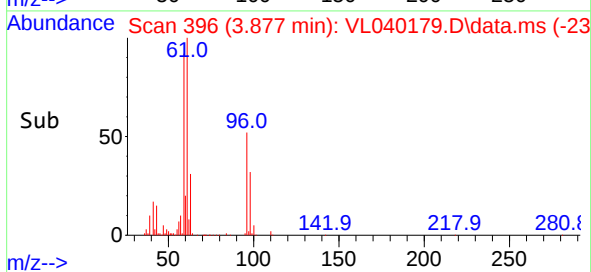
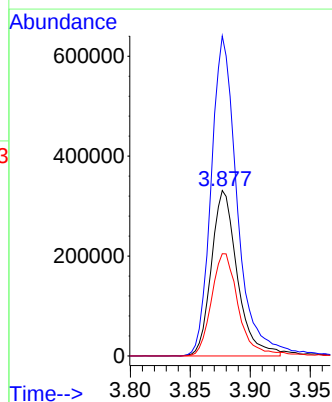
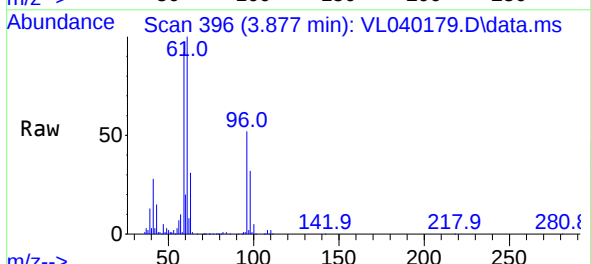
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

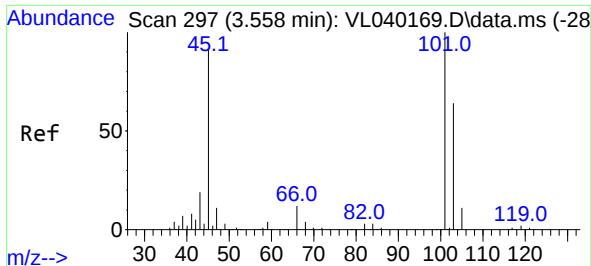
Tgt Ion: 59 Resp: 1072436
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#18
1,1-Dichloroethene
Concen: 9.728 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 96 Resp: 498846
Ion Ratio Lower Upper
96 100
61 193.4 149.6 224.4
98 61.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.986 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

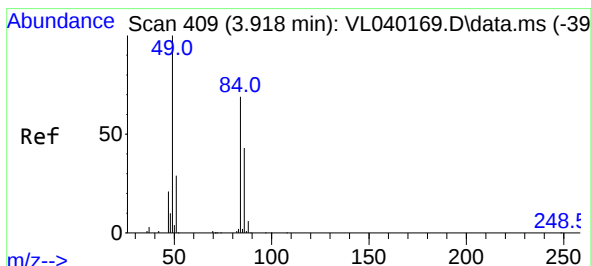
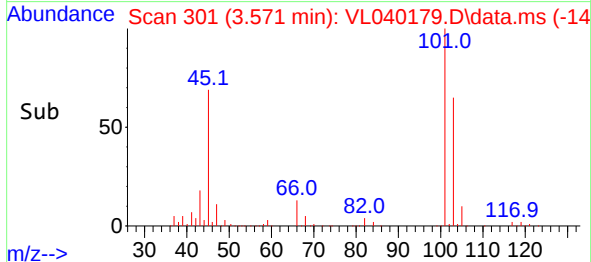
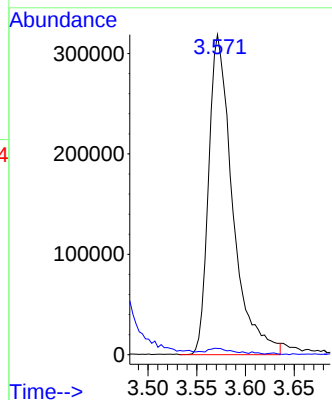
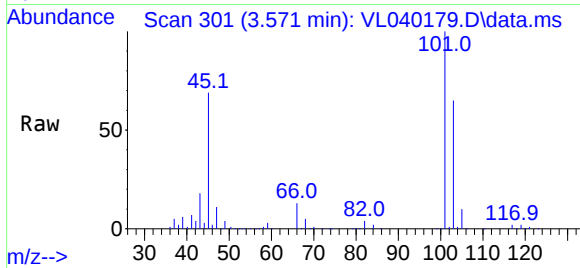
ICVVL021523

Tgt Ion: 45 Resp: 546686

Ion Ratio Lower Upper

45 100

58 2.5 2.6 3.8#



#20

Methylene Chloride

Concen: 7.438 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Tgt Ion: 84 Resp: 445958

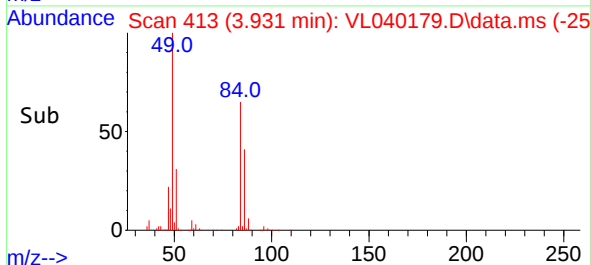
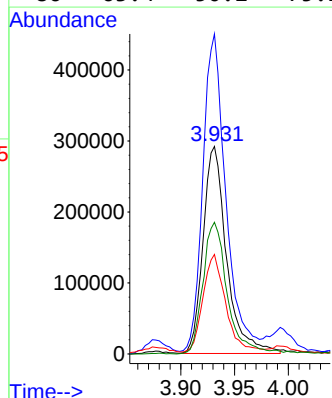
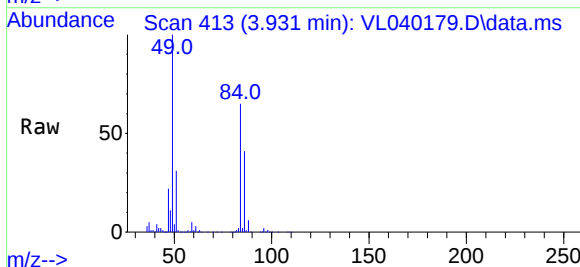
Ion Ratio Lower Upper

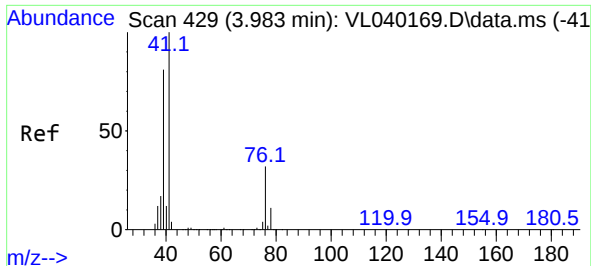
84 100

49 153.3 115.5 173.3

51 47.1 33.1 49.7

86 63.4 50.2 75.2





#21

Allyl Chloride

Concen: 10.325 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

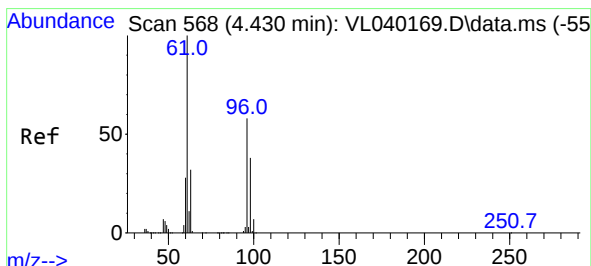
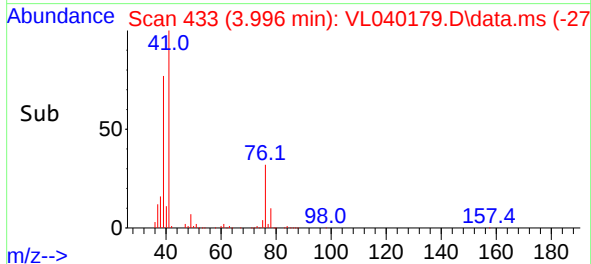
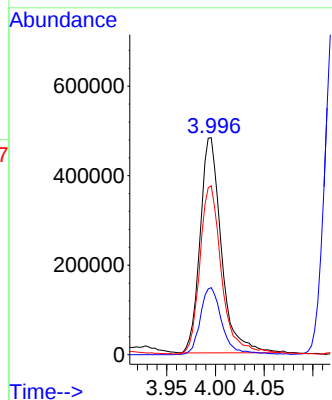
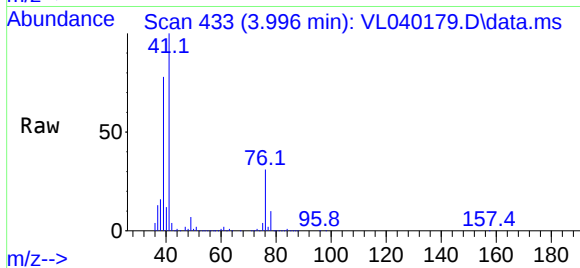
Tgt Ion: 41 Resp: 729359

Ion Ratio Lower Upper

41 100

76 32.0 25.5 38.3

39 81.2 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 9.973 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

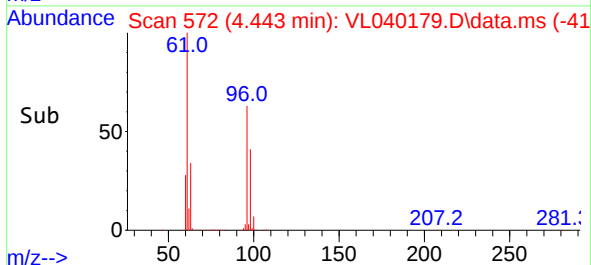
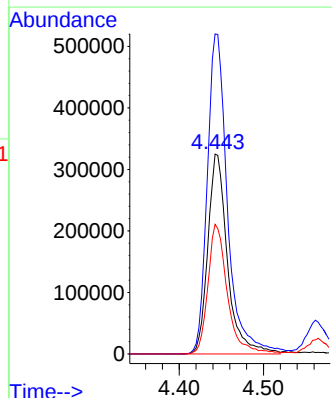
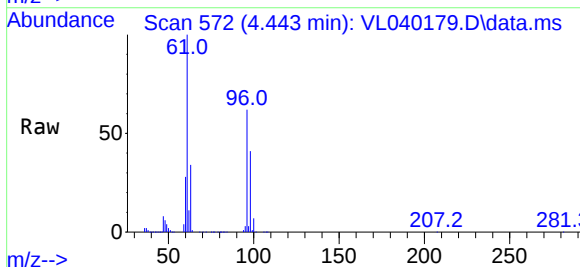
Tgt Ion: 96 Resp: 529582

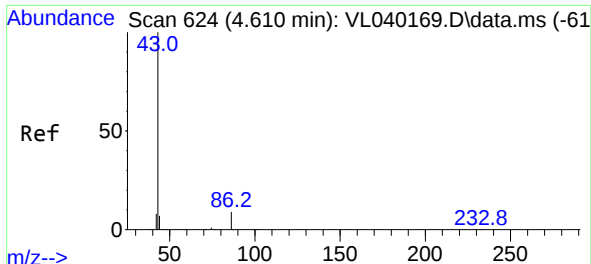
Ion Ratio Lower Upper

96 100

61 160.1 137.5 206.3

98 64.8 52.8 79.2

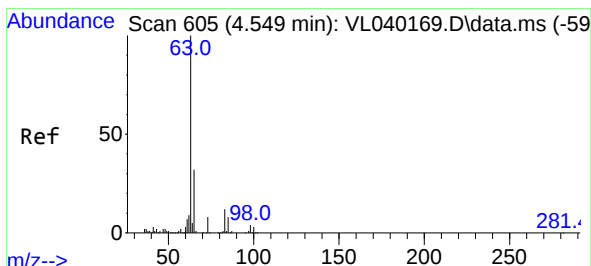
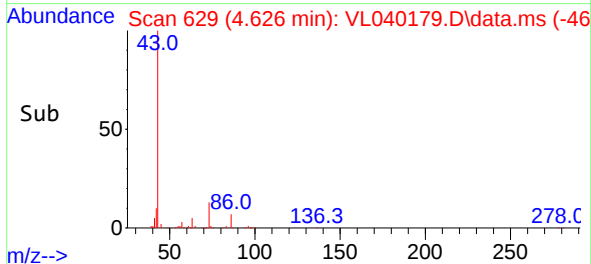
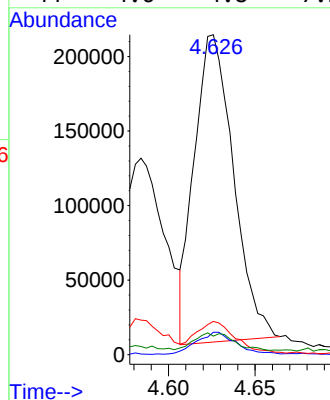
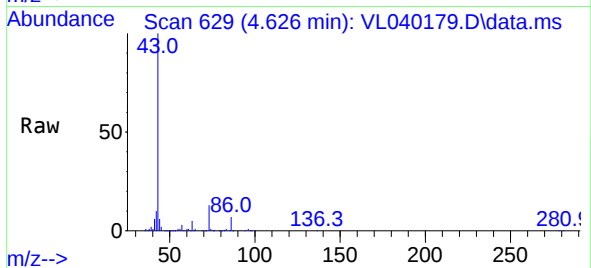




#23
 Vinyl Acetate
 Concen: 9.277 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

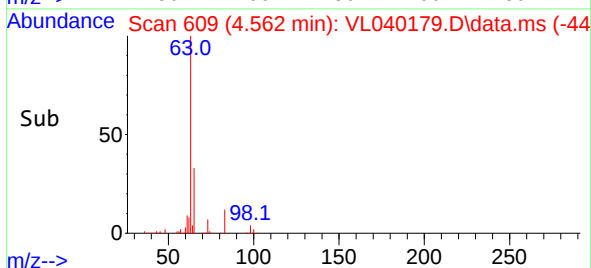
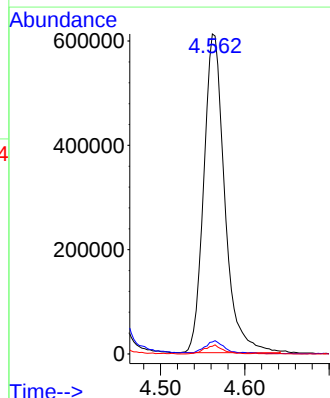
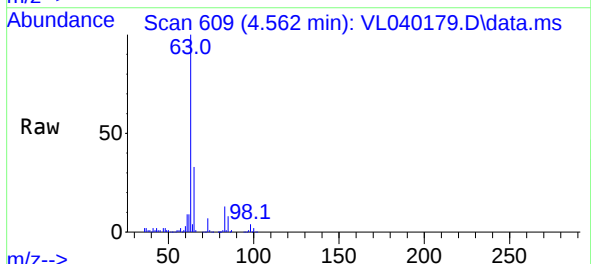
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL021523

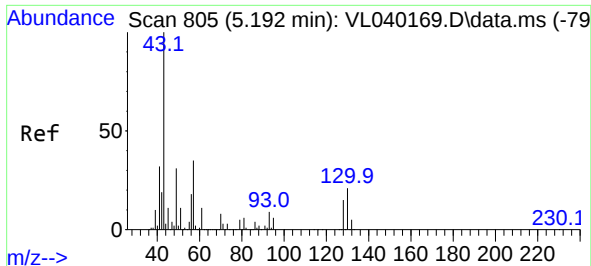
Tgt Ion: 43 Resp: 324272
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.6 8.4
 42 10.2 7.6 11.4
 44 4.6 4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 9.664 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

Tgt Ion: 63 Resp: 1055858
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.3 6.8
 100 2.4 1.4 4.0





#25

Ethyl Acetate

Concen: 10.139 ppbv

RT: 5.205 min Scan# 80

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion: 43 Resp: 2170748

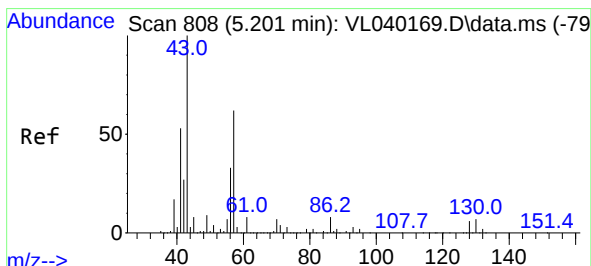
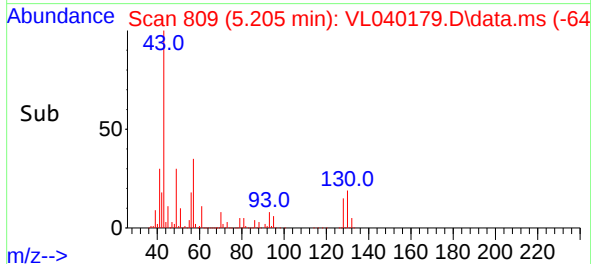
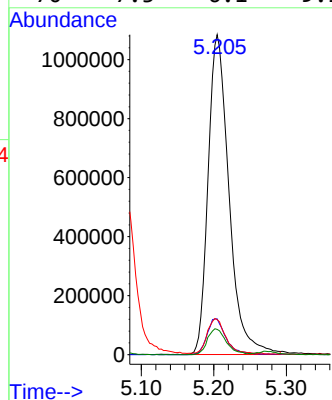
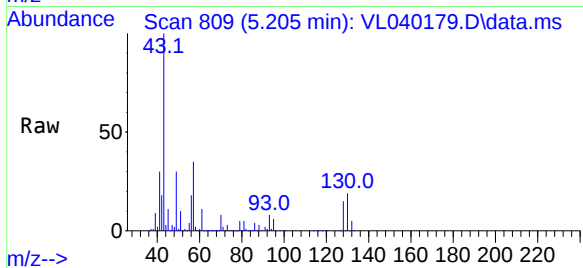
Ion Ratio Lower Upper

43 100

45 10.4 8.3 12.5

61 10.4 8.4 12.6

70 7.3 6.1 9.1



#26

Hexane

Concen: 9.998 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Tgt Ion: 57 Resp: 918980

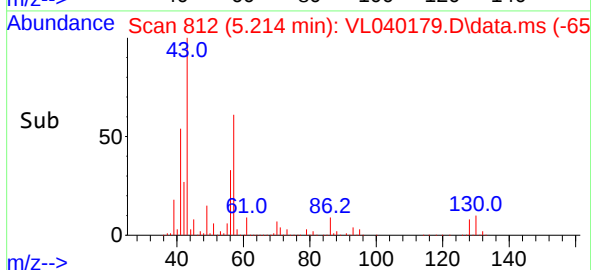
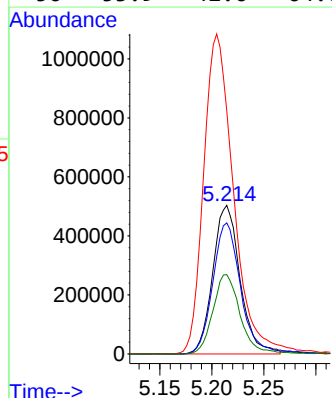
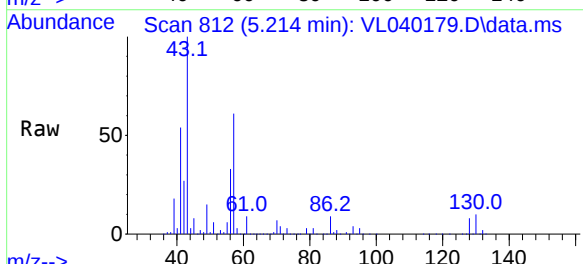
Ion Ratio Lower Upper

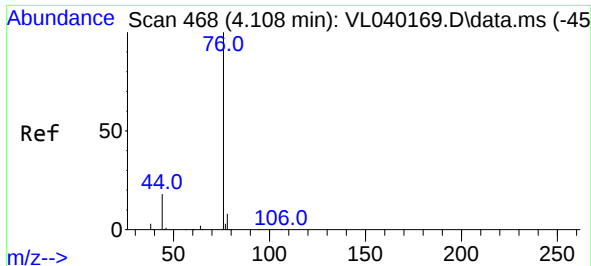
57 100

41 91.5 74.3 111.5

43 238.3 193.0 289.4

56 53.9 42.6 64.0

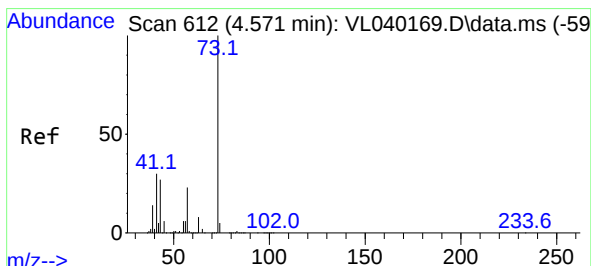
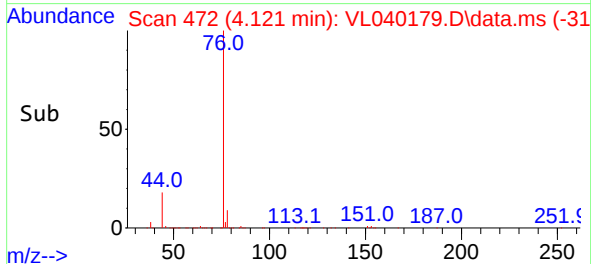
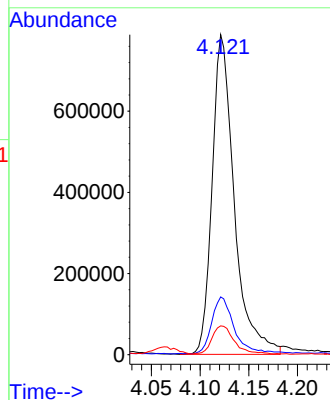
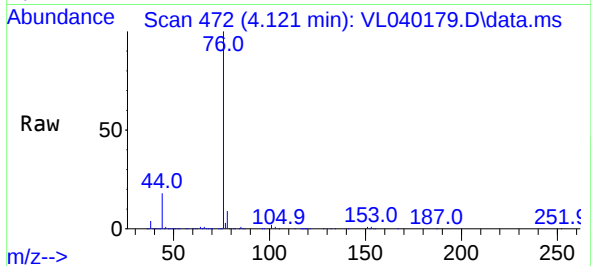




#27
Carbon Disulfide
Concen: 10.680 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

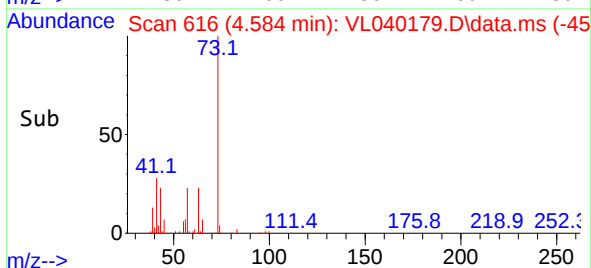
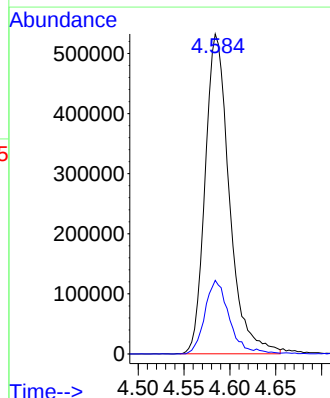
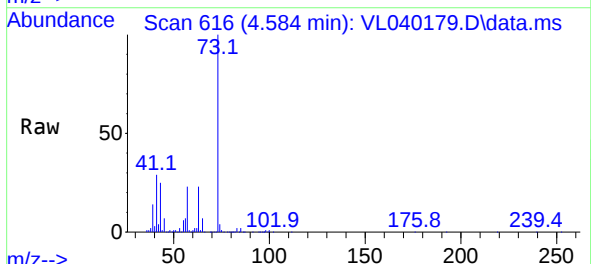
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

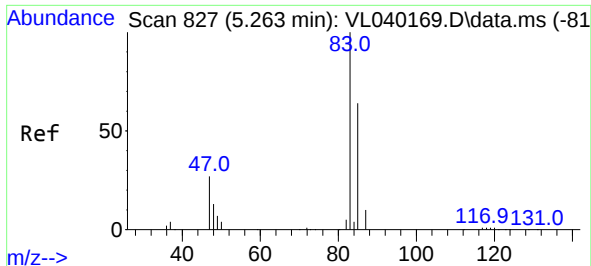
Tgt Ion: 76 Resp: 1245553
Ion Ratio Lower Upper
76 100
44 18.6 15.3 22.9
78 9.5 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.923 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 73 Resp: 977267
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29

Chloroform

Concen: 9.682 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

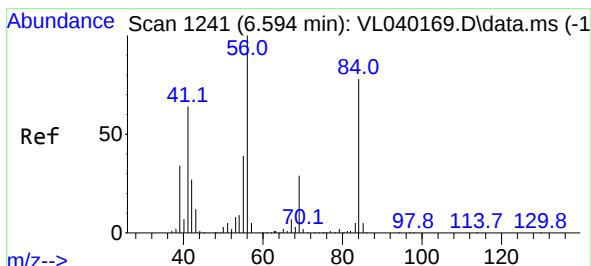
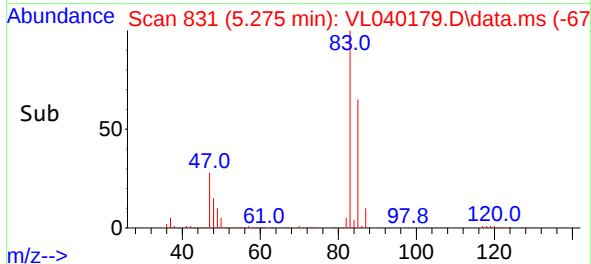
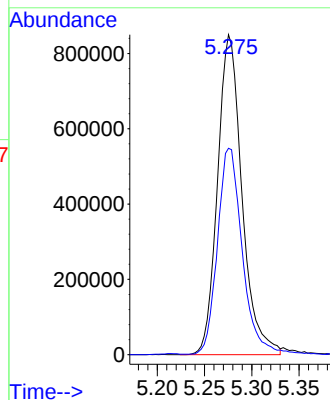
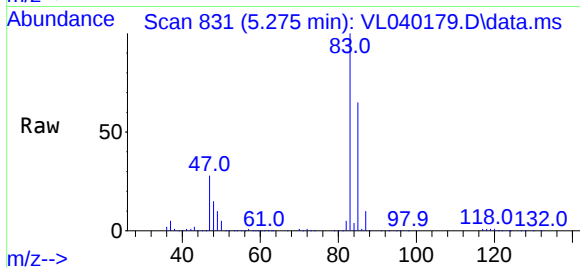
ICVVL021523

Tgt Ion: 83 Resp: 1527982

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3



#30

Cyclohexane

Concen: 10.688 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

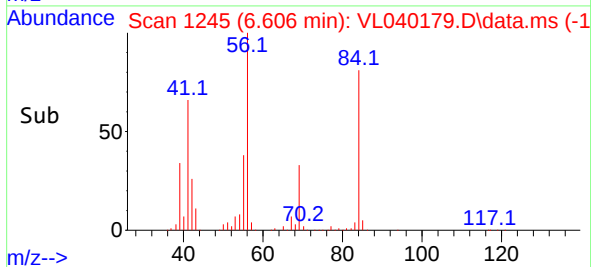
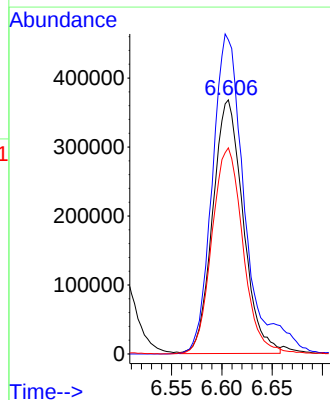
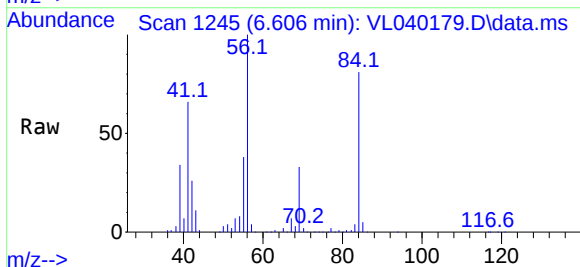
Tgt Ion: 84 Resp: 771359

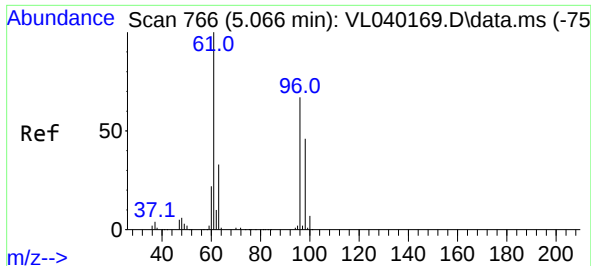
Ion Ratio Lower Upper

84 100

56 135.7 109.9 164.9

41 83.5 67.8 101.6



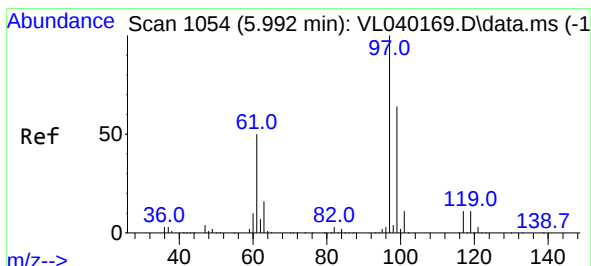
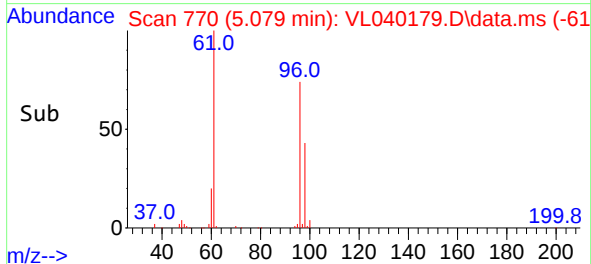
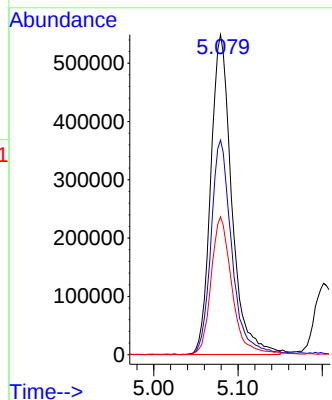
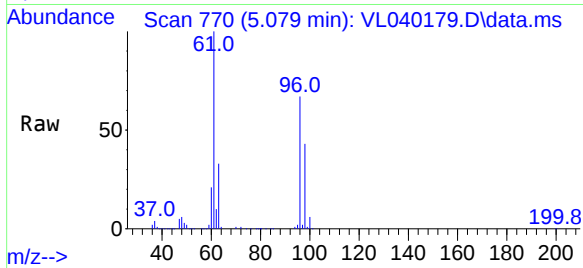


#31
 cis-1,2-Dichloroethene
 Concen: 10.870 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523

Tgt Ion: 61 Resp: 949291

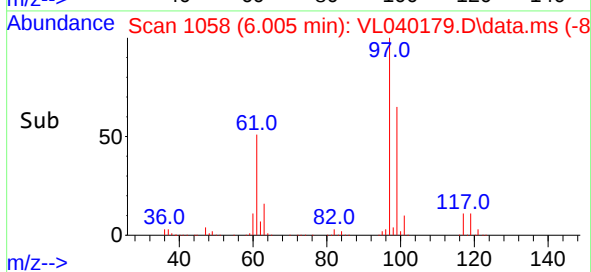
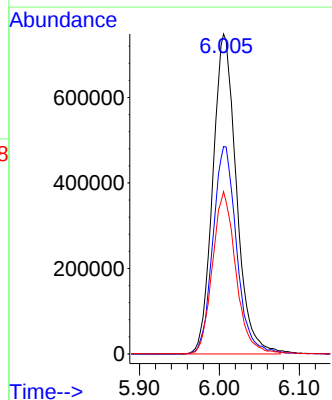
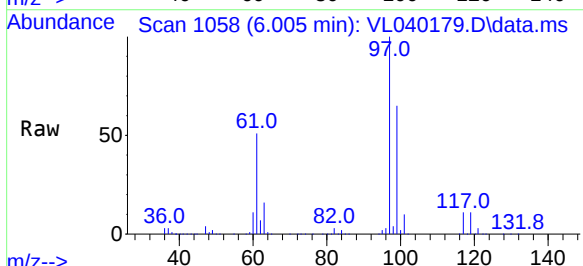
Ion	Ratio	Lower	Upper
61	100		
96	67.1	53.7	80.5
98	43.1	36.4	54.6

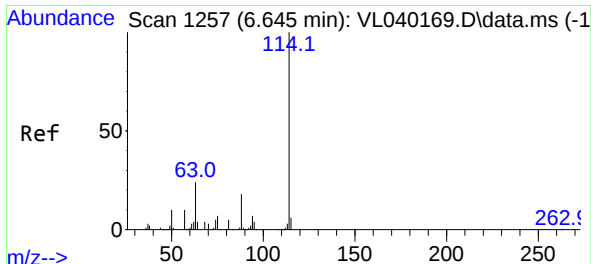


#32
 1,1,1-Trichloroethane
 Concen: 10.336 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

Tgt Ion: 97 Resp: 1532554

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.5	77.3
61	50.6	40.6	60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

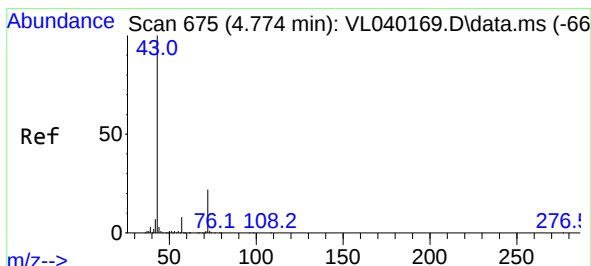
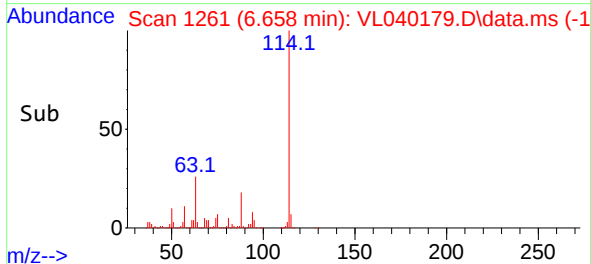
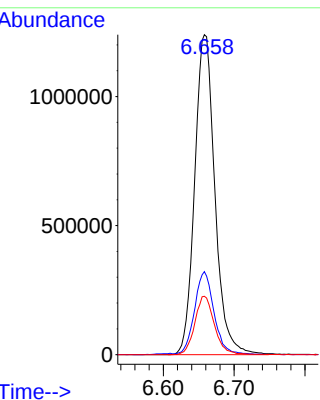
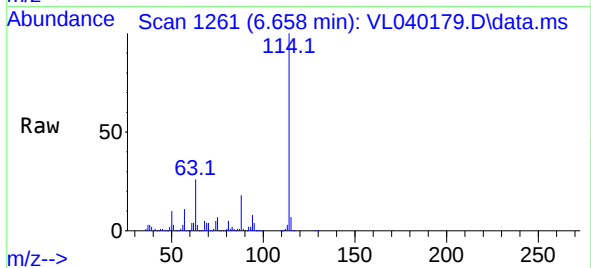
Tgt Ion:114 Resp: 2458519

Ion Ratio Lower Upper

114 100

63 25.4 20.4 30.6

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 10.005 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.013 min

Lab File: VL040179.D

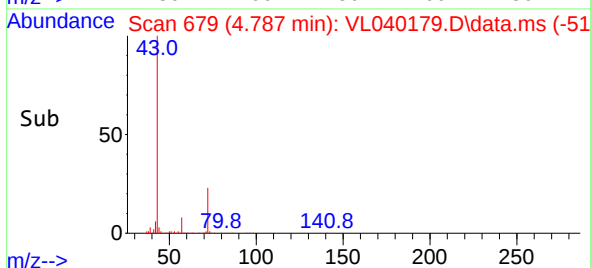
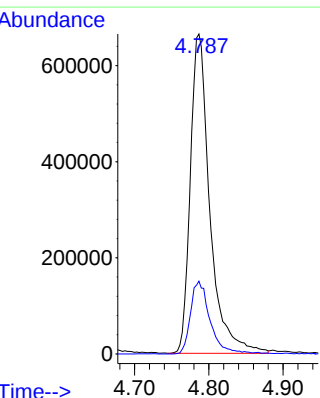
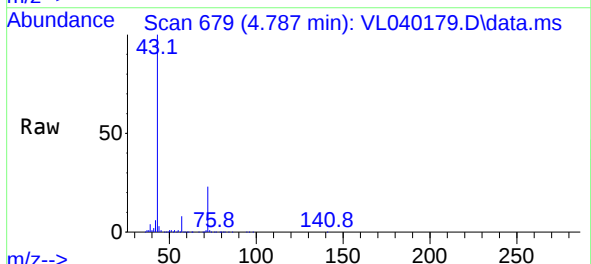
Acq: 15 Feb 2023 17:44

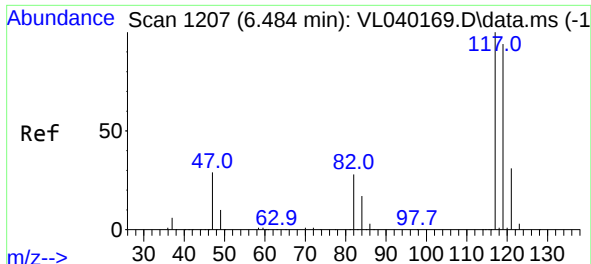
Tgt Ion: 43 Resp: 1213347

Ion Ratio Lower Upper

43 100

72 23.2 17.8 26.8

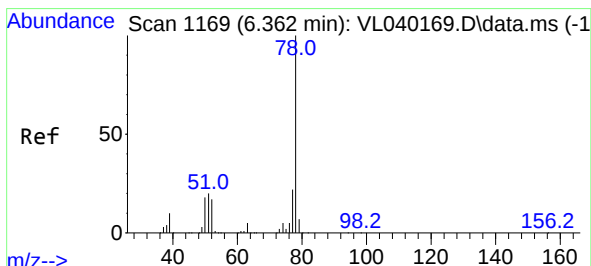
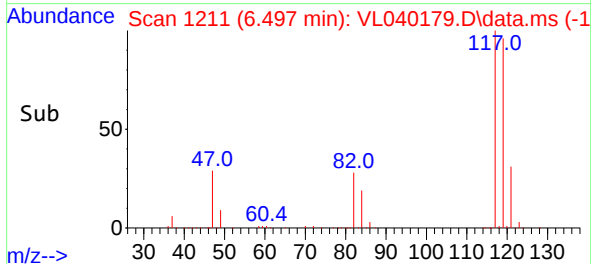
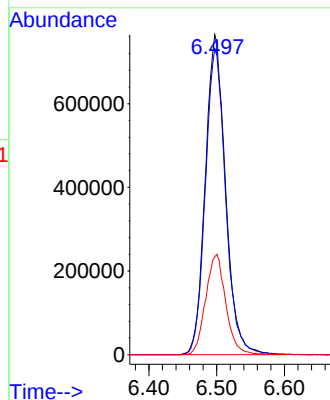
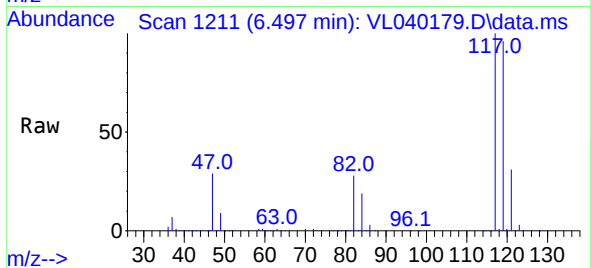




#35
Carbon Tetrachloride
Concen: 10.920 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

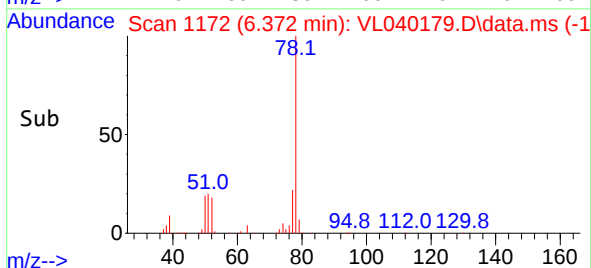
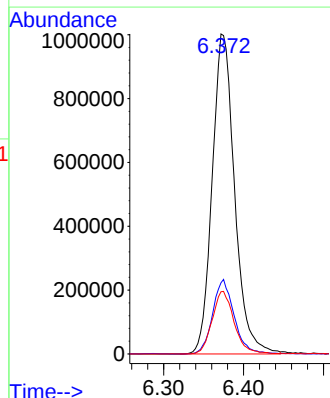
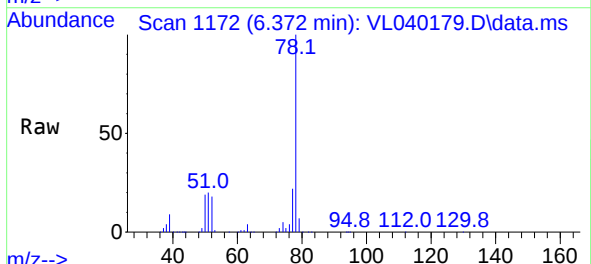
Instrument :
MSVOA_1
ClientSampleId :
ICVVL021523

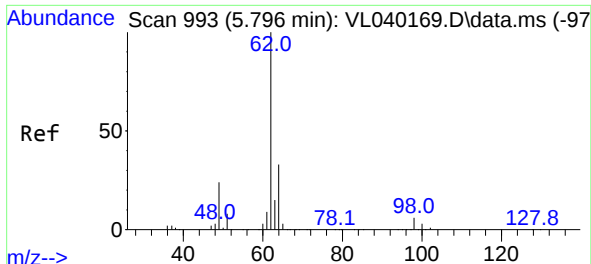
Tgt Ion:117 Resp: 1587143
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 30.6 25.0 37.4



#36
Benzene
Concen: 10.187 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 78 Resp: 1948966
Ion Ratio Lower Upper
78 100
77 22.2 17.5 26.3
50 19.4 14.6 22.0

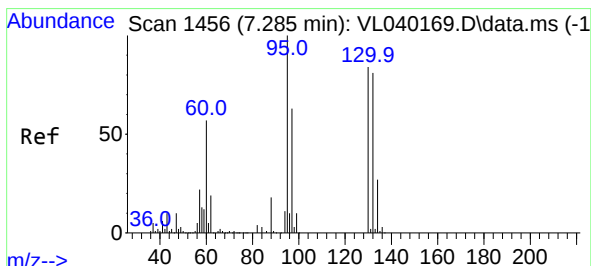
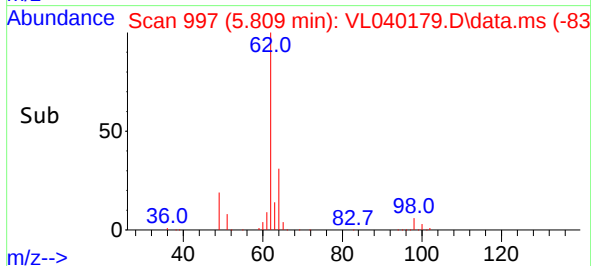
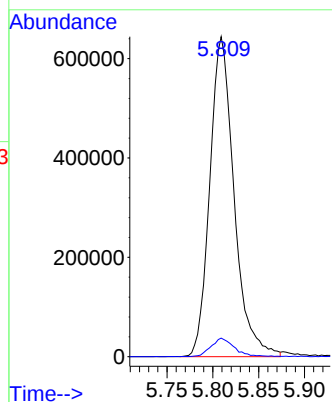
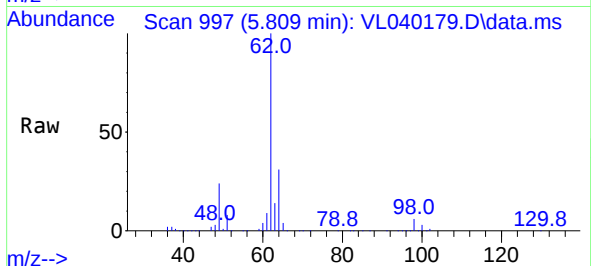




#37
1,2-Dichloroethane
Concen: 9.921 ppbv
RT: 5.809 min Scan# 993
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

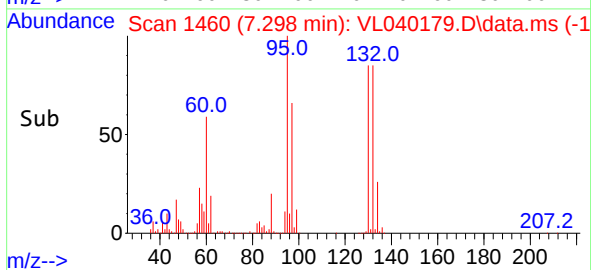
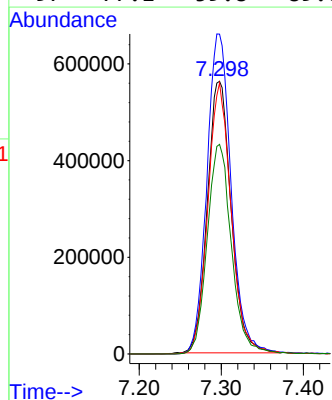
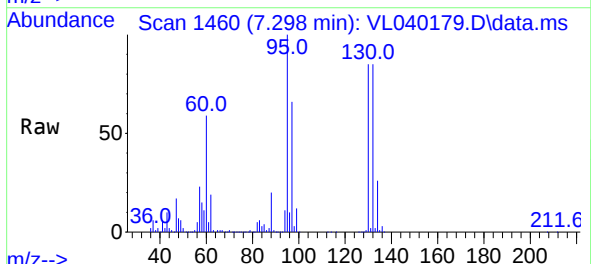
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

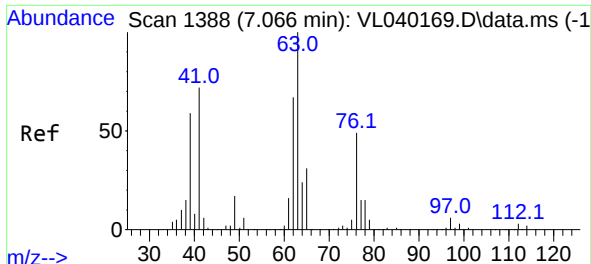
Tgt Ion: 62 Resp: 1187136
Ion Ratio Lower Upper
62 100
98 5.7 4.7 7.1



#38
Trichloroethene
Concen: 10.804 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:130 Resp: 1139080
Ion Ratio Lower Upper
130 100
95 117.7 94.7 142.1
132 99.7 76.4 114.6
97 77.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.890 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

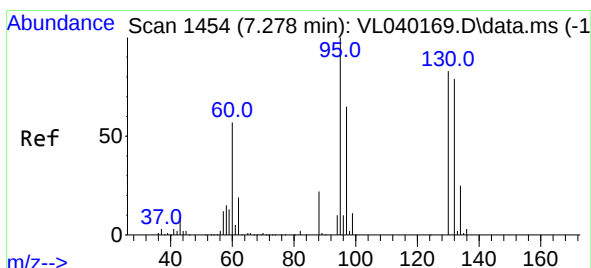
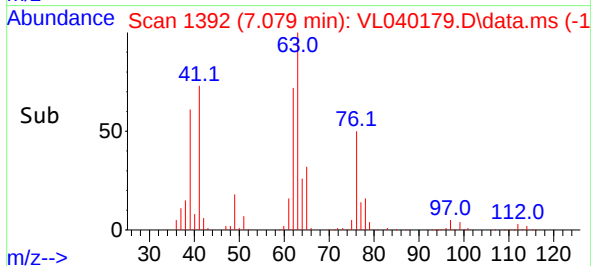
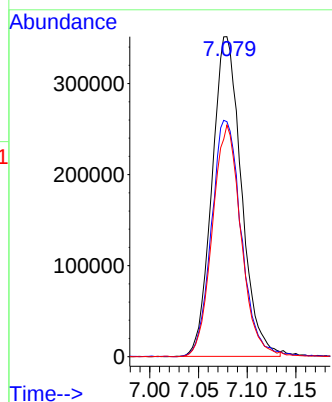
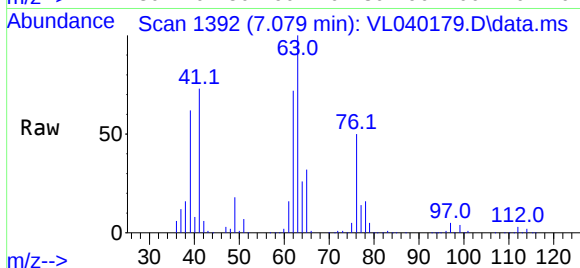
Tgt Ion: 63 Resp: 736075

Ion Ratio Lower Upper

63 100

41 73.4 57.6 86.4

62 72.3 54.0 81.0



#40

1,4-Dioxane

Concen: 10.711 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Tgt Ion: 88 Resp: 318901

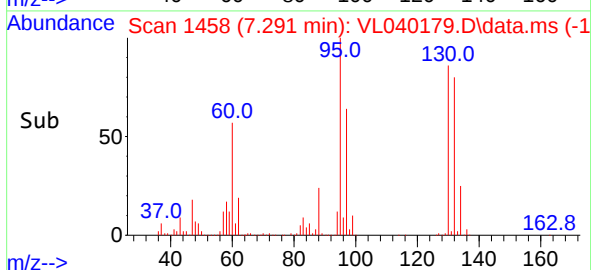
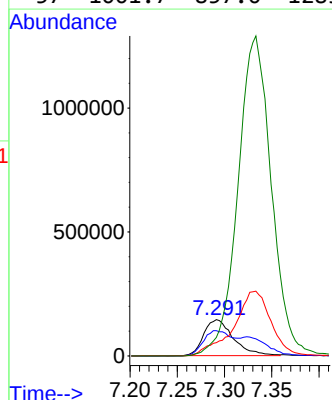
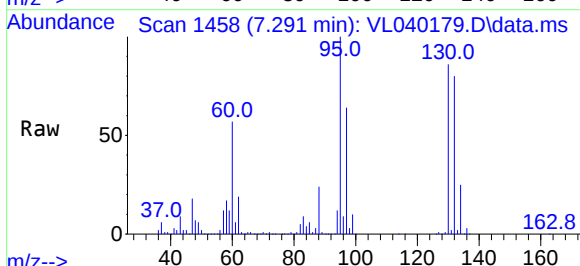
Ion Ratio Lower Upper

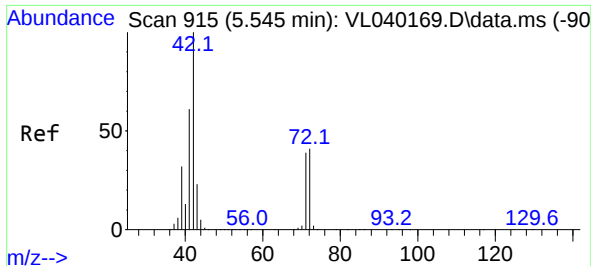
88 100

58 118.2 97.4 146.0

43 226.9 193.5 290.3

57 1001.7 857.0 1285.6





#41

Tetrahydrofuran

Concen: 10.791 ppbv

RT: 5.558 min Scan# 915

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

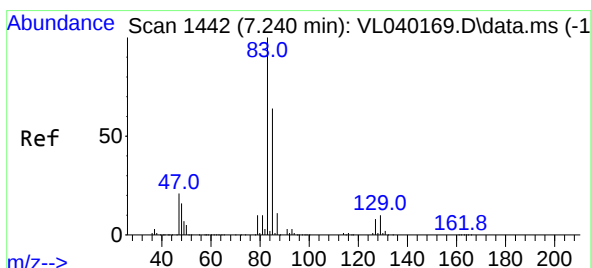
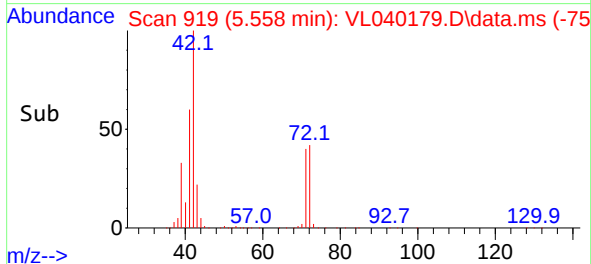
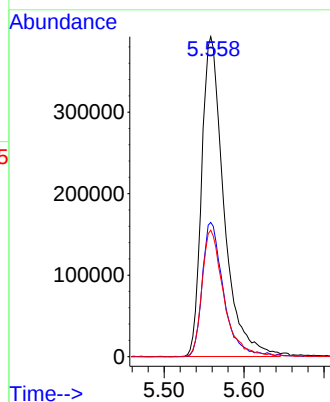
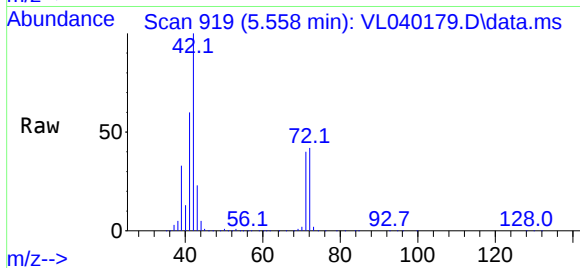
Tgt Ion: 42 Resp: 758419

Ion Ratio Lower Upper

42 100

72 40.8 33.0 49.4

71 39.3 31.4 47.2



#42

Bromodichloromethane

Concen: 10.326 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.016 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

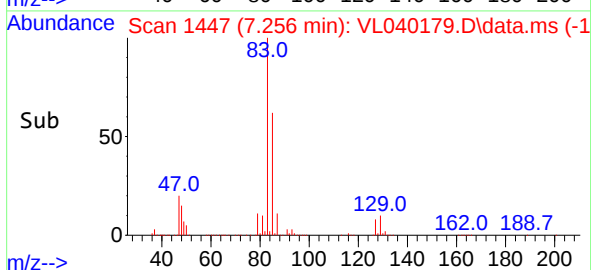
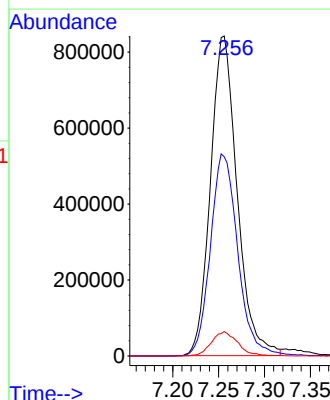
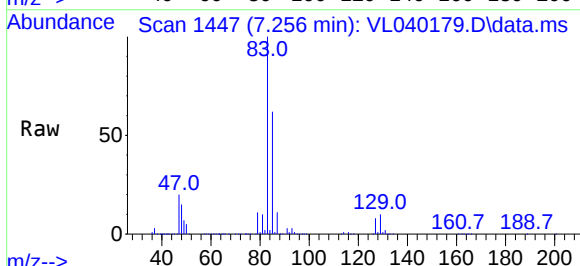
Tgt Ion: 83 Resp: 1705464

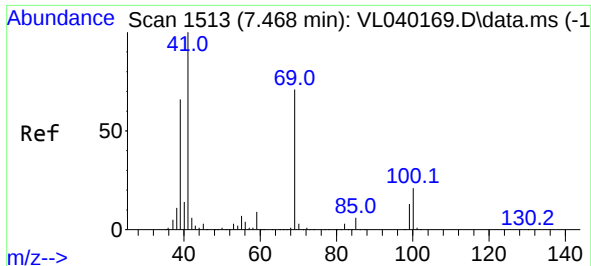
Ion Ratio Lower Upper

83 100

85 62.2 50.9 76.3

127 7.6 6.2 9.2

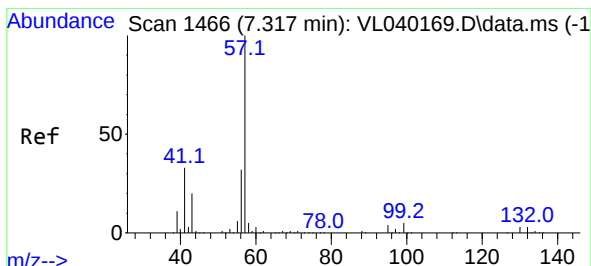
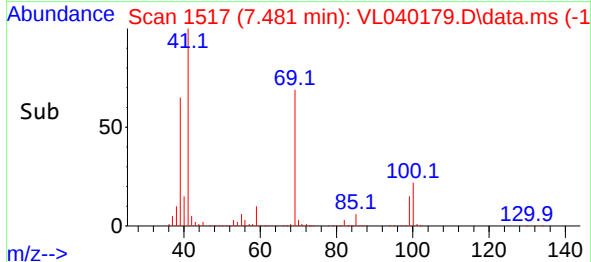
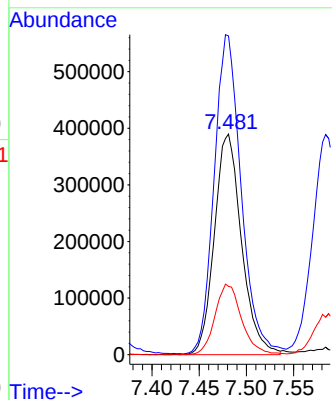
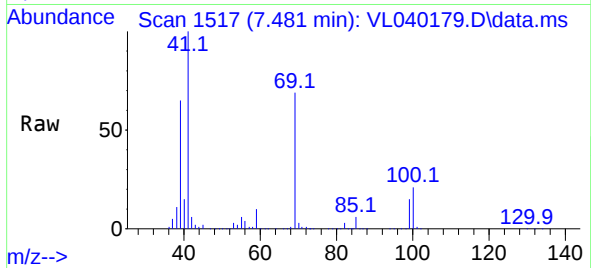




#43
Methyl Methacrylate
Concen: 11.007 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

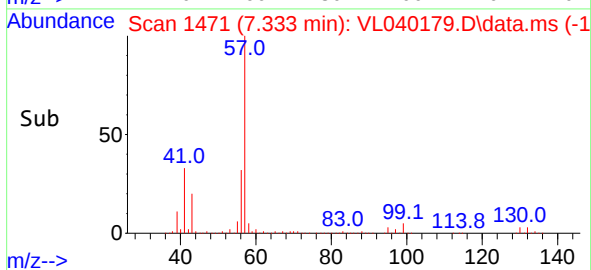
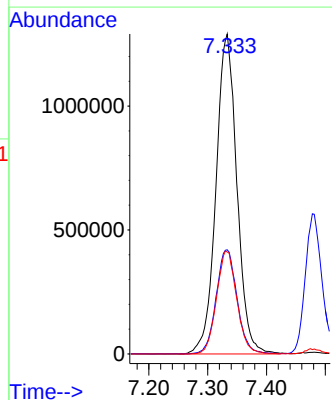
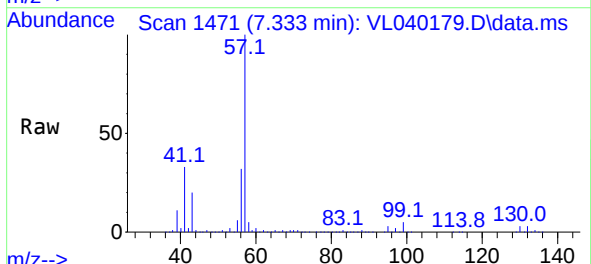
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

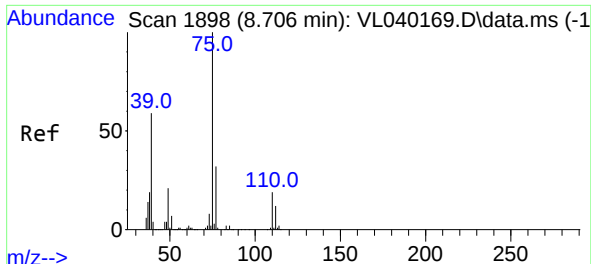
Tgt Ion: 69 Resp: 779242
Ion Ratio Lower Upper
69 100
41 144.7 116.6 174.8
100 31.4 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 9.991 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 57 Resp: 3190999
Ion Ratio Lower Upper
57 100
41 32.6 26.2 39.4
56 31.1 24.9 37.3

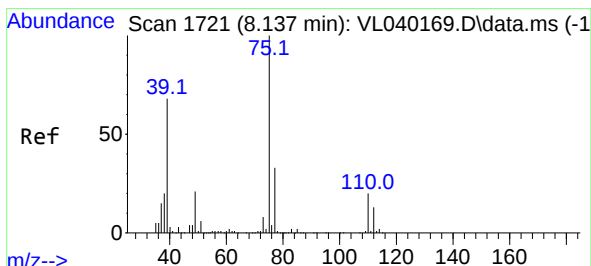
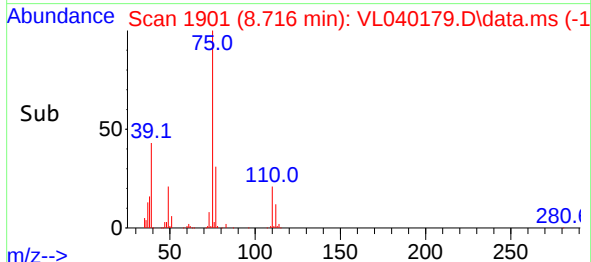
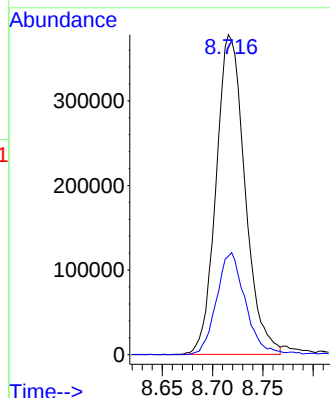
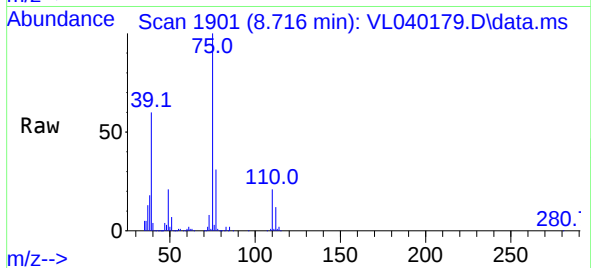




#45
t-1,3-Dichloropropene
Concen: 12.023 ppbv
RT: 8.716 min Scan# 1901
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

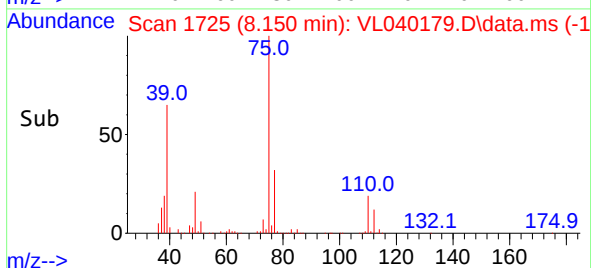
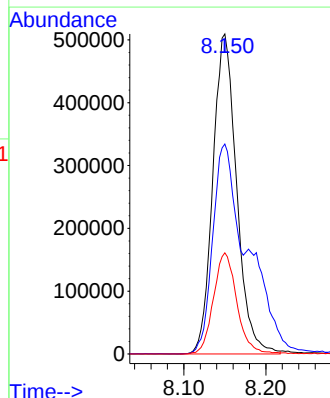
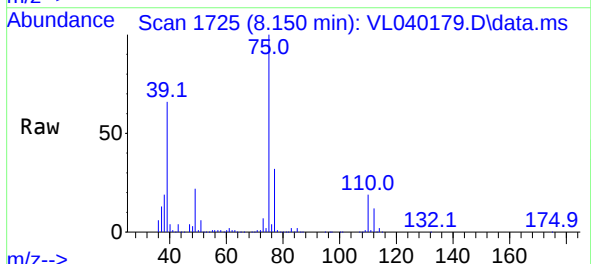
Instrument :
MSVOA_1
ClientSampleId :
ICVVL021523

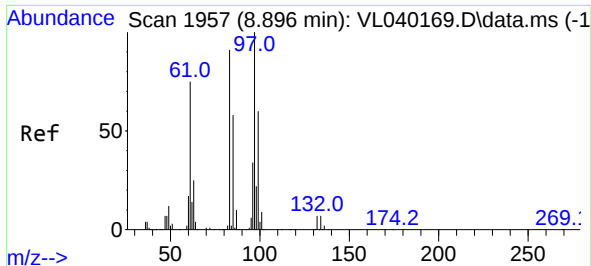
Tgt Ion: 75 Resp: 755025
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5



#46
cis-1,3-Dichloropropene
Concen: 11.726 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 75 Resp: 1025901
Ion Ratio Lower Upper
75 100
39 65.5 54.2 81.2
77 31.6 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.086 ppbv

RT: 8.909 min Scan# 1957

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion: 97 Resp: 811942

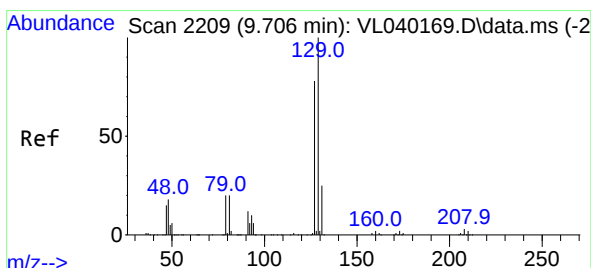
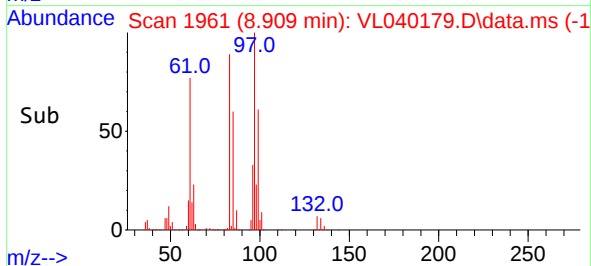
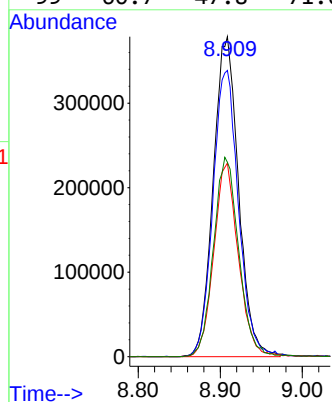
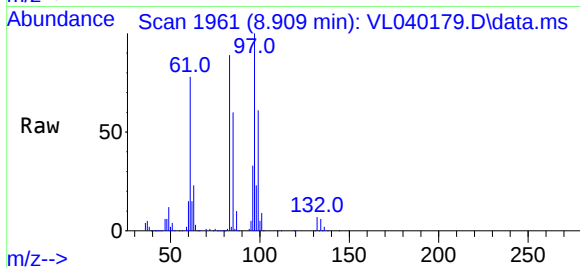
Ion Ratio Lower Upper

97 100

83 89.5 72.8 109.2

85 60.5 46.6 69.8

99 60.7 47.8 71.6



#48

Dibromochloromethane

Concen: 10.845 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.013 min

Lab File: VL040179.D

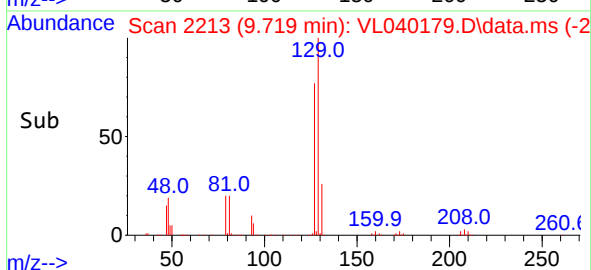
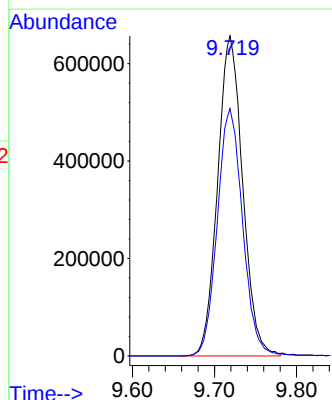
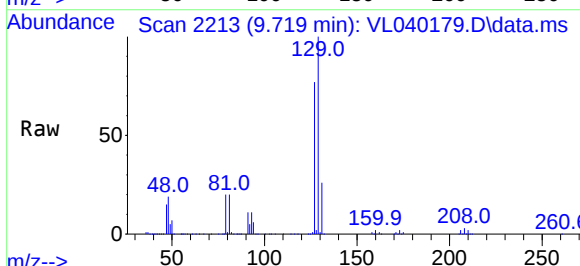
Acq: 15 Feb 2023 17:44

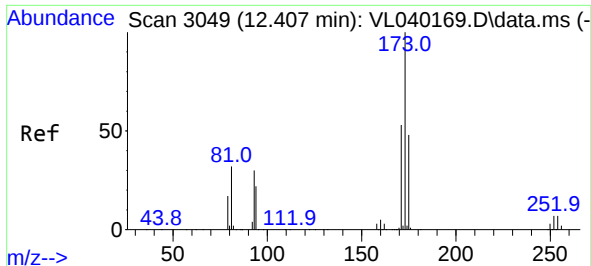
Tgt Ion: 129 Resp: 1396391

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.2

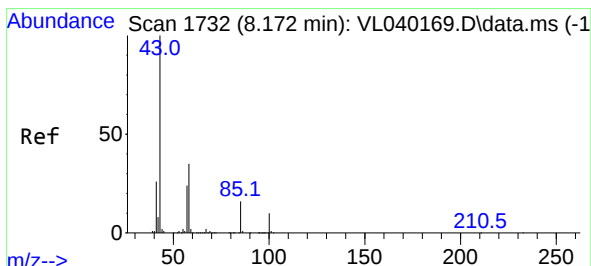
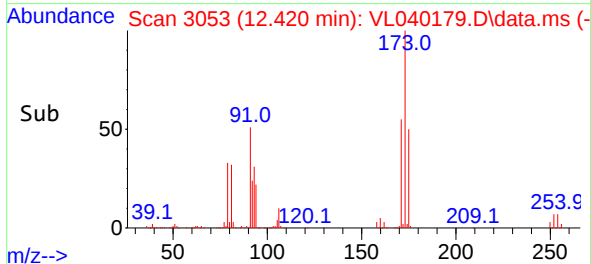
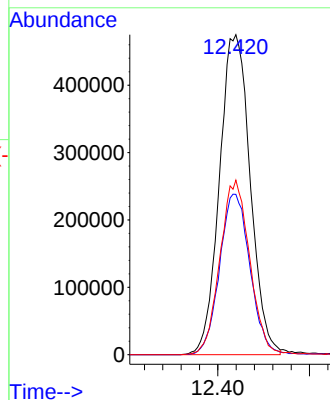
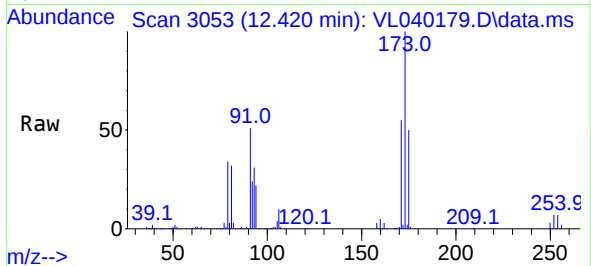




#49
Bromoform
Concen: 11.008 ppbv
RT: 12.420 min Scan# 3049
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

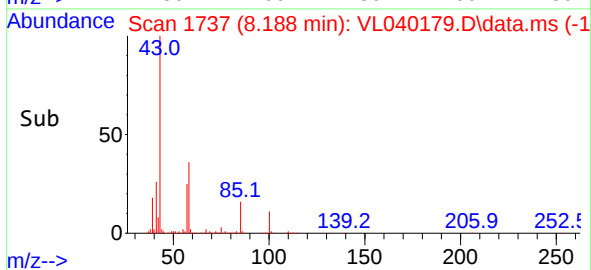
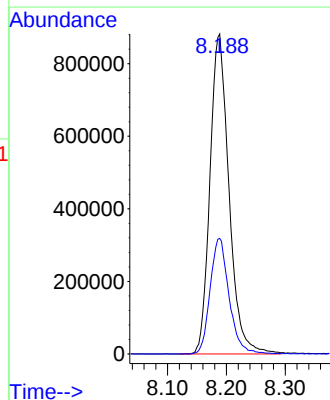
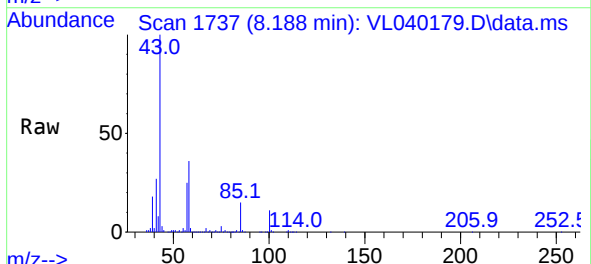
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

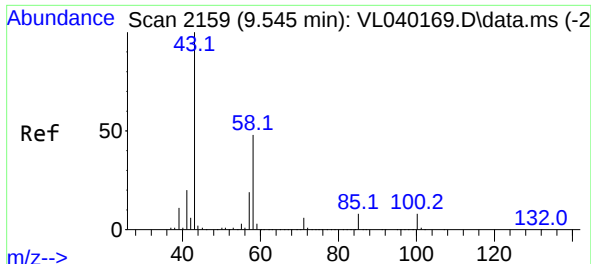
Tgt Ion:173 Resp: 1106302
Ion Ratio Lower Upper
173 100
175 49.9 39.4 59.0
171 53.0 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 10.505 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 43 Resp: 1978119
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8

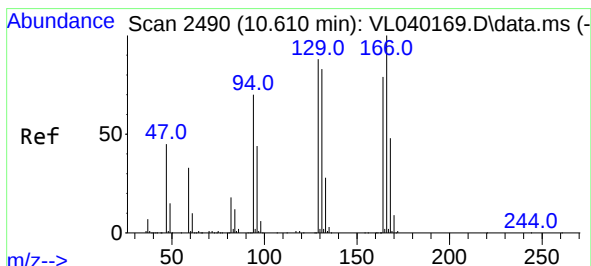
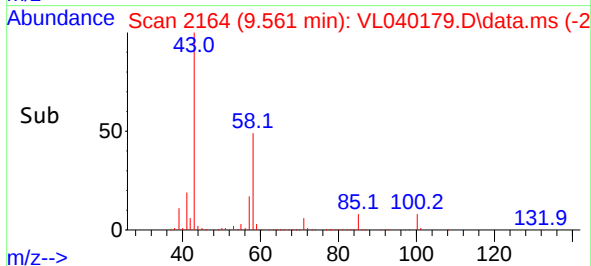
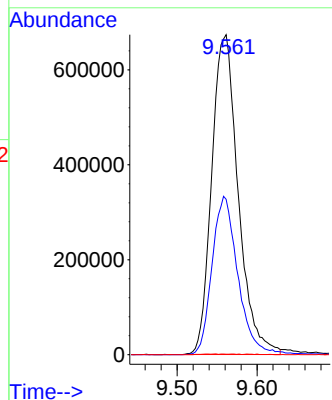
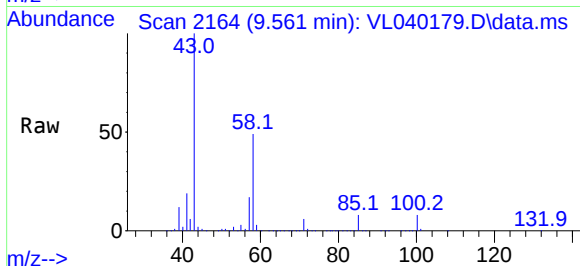




#51
2-Hexanone
Concen: 10.689 ppbv
RT: 9.561 min Scan# 2159
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

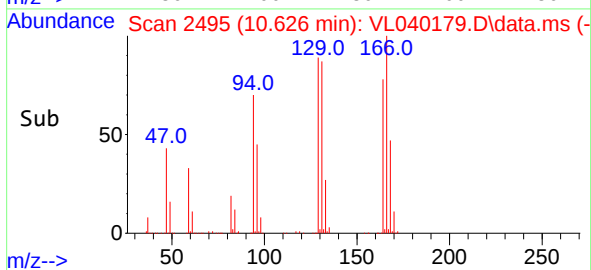
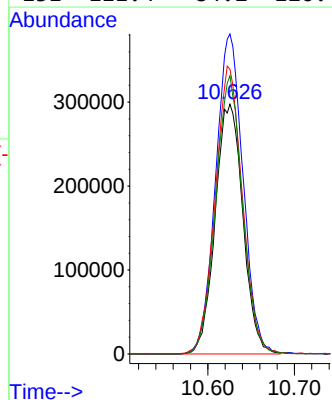
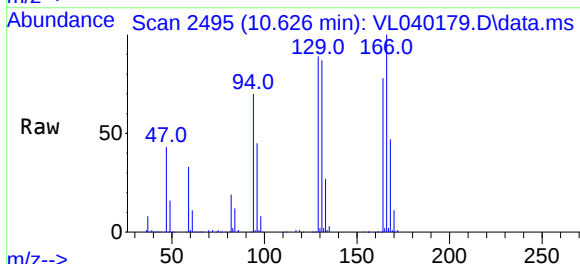
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

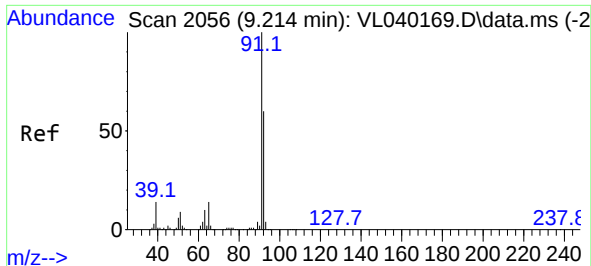
Tgt Ion: 43 Resp: 1547919
Ion Ratio Lower Upper
43 100
58 48.7 39.1 58.7
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 11.060 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:164 Resp: 660787
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 114.0 89.0 133.4
131 111.4 84.2 126.4

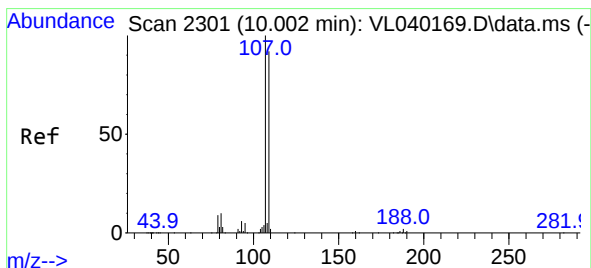
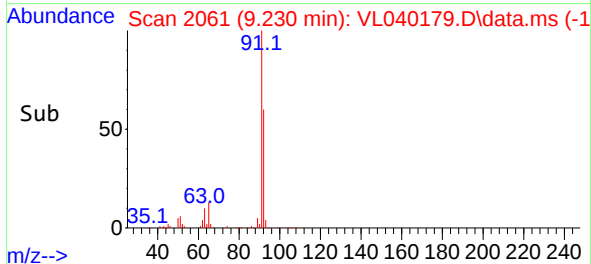
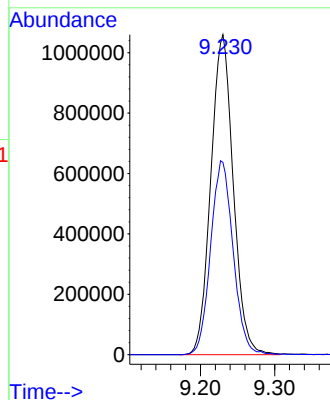
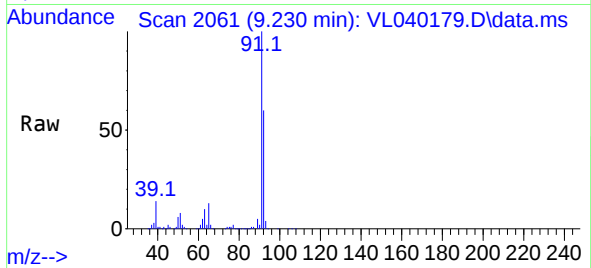




#53
Toluene
Concen: 10.865 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

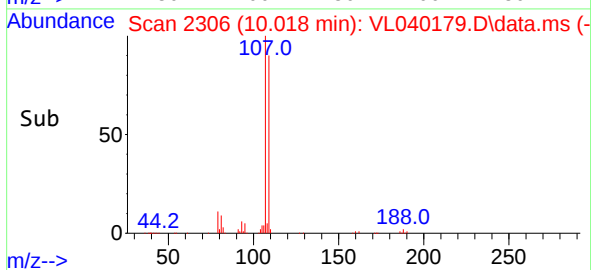
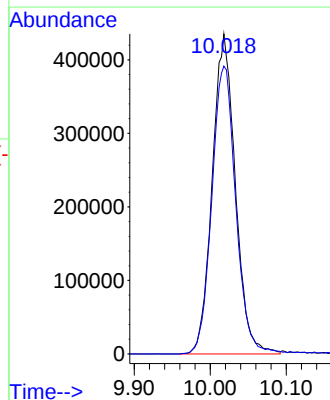
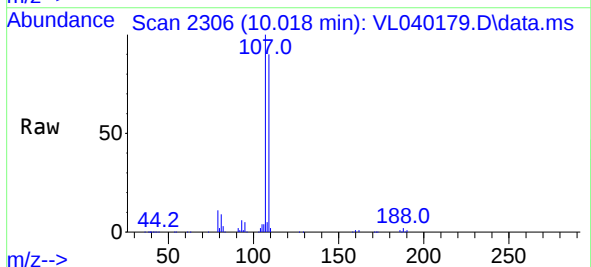
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

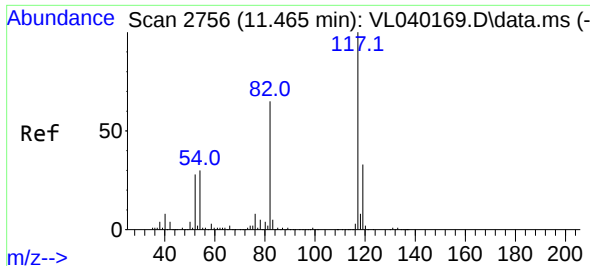
Tgt Ion: 91 Resp: 2226531
Ion Ratio Lower Upper
91 100
92 60.9 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.962 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 107 Resp: 918167
Ion Ratio Lower Upper
107 100
109 89.9 73.8 110.8

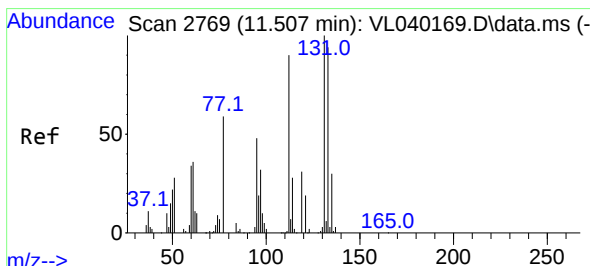
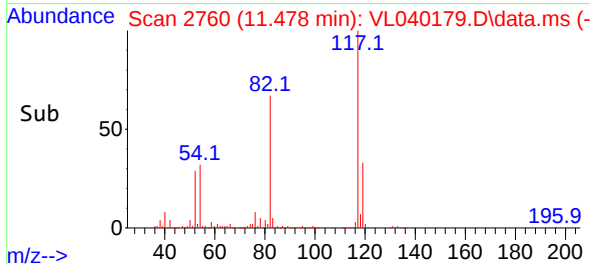
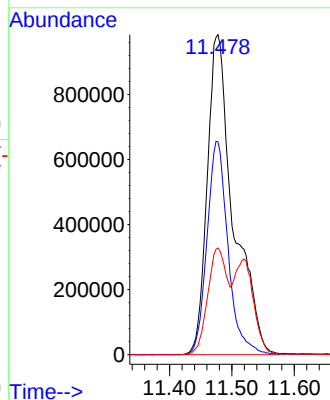
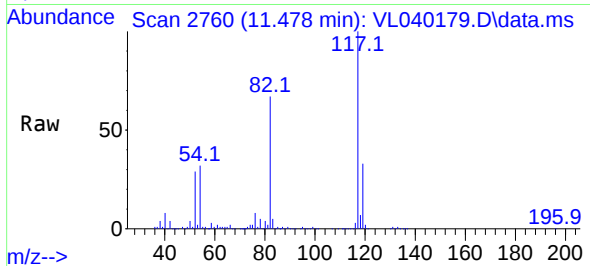




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

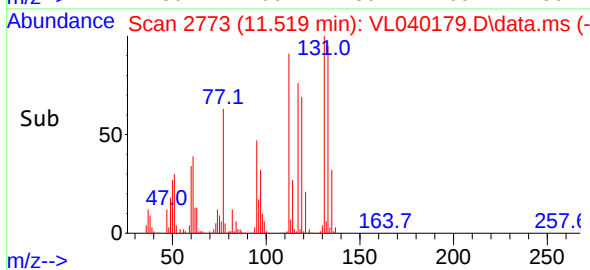
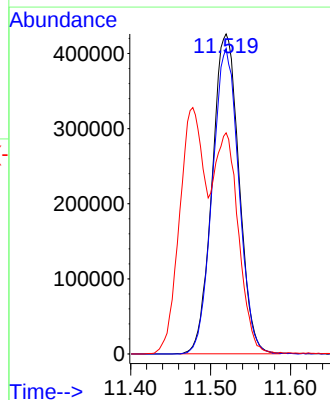
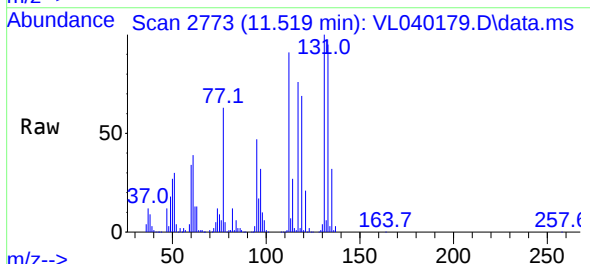
Instrument :
MSVOA_1
ClientSampleId :
ICVVL021523

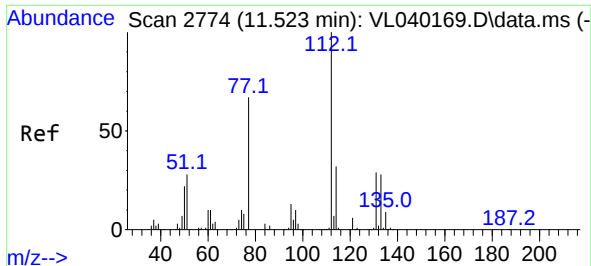
Tgt Ion:117 Resp: 2870964
Ion Ratio Lower Upper
117 100
82 53.8 53.3 79.9
119 24.7 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 8.216 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:131 Resp: 990162
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.2
119 61.8 45.4 68.0

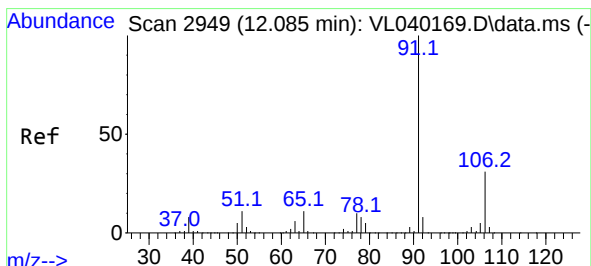
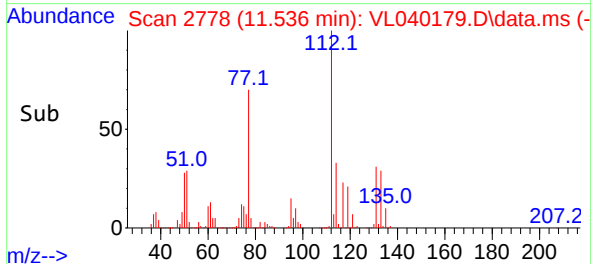
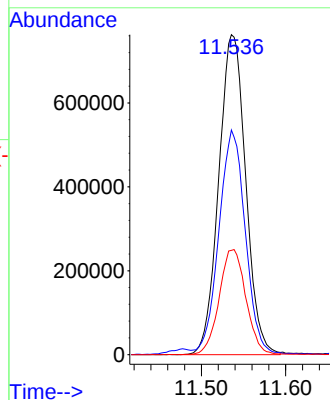
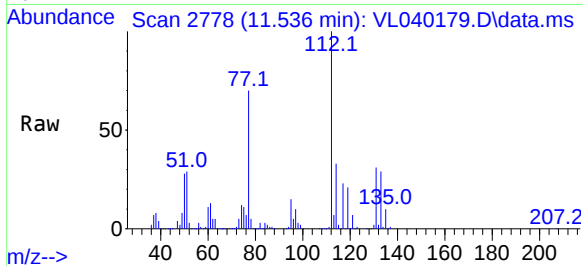




#57
Chlorobenzene
Concen: 8.077 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

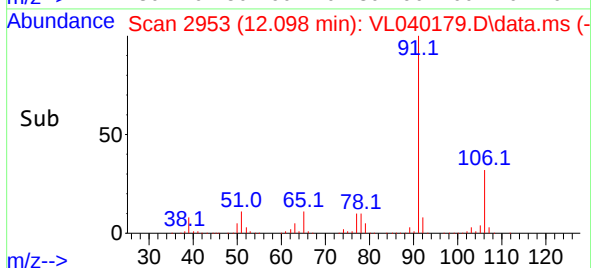
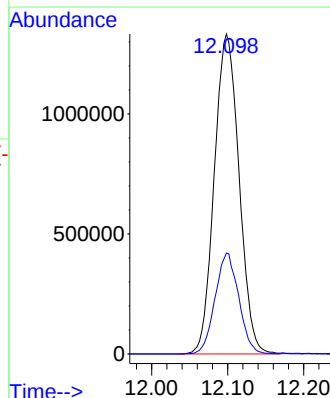
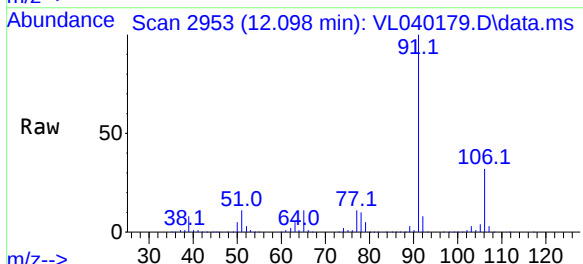
Instrument :
MSVOA_1
ClientSampleId :
ICVVL021523

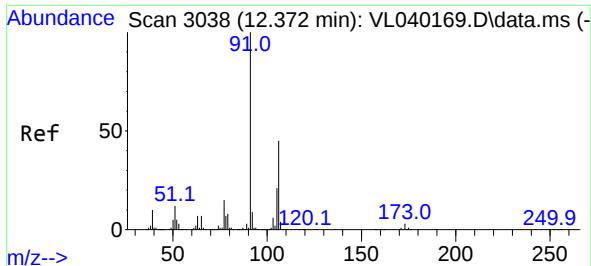
Tgt Ion:112 Resp: 1694088
Ion Ratio Lower Upper
112 100
77 69.6 55.0 82.4
114 32.5 29.0 35.4



#58
Ethyl Benzene
Concen: 8.640 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 91 Resp: 3013920
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

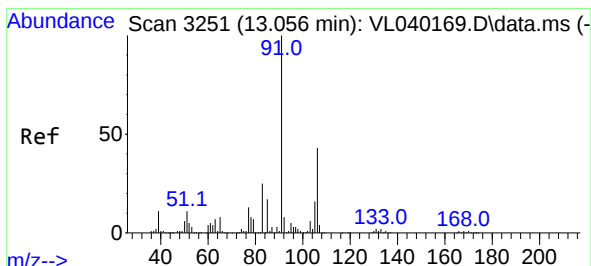
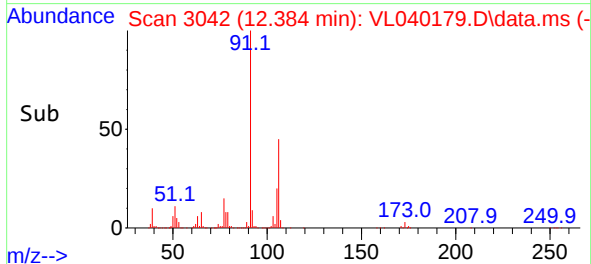
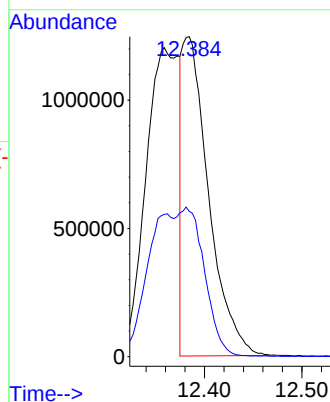
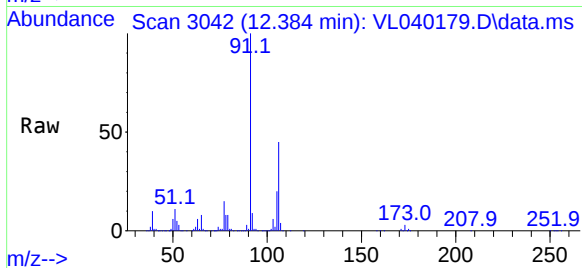




#59
m/p-Xylene
Concen: 7.543 ppbv
RT: 12.384 min Scan# 3038
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

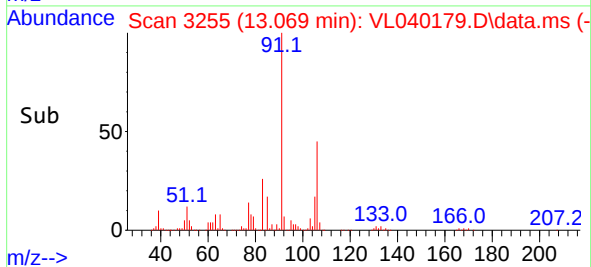
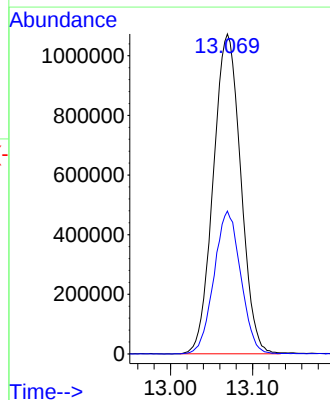
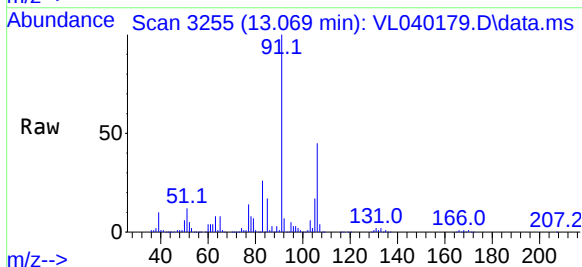
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

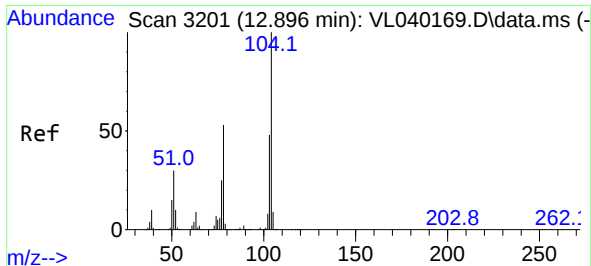
Tgt Ion: 91 Resp: 2330535
Ion Ratio Lower Upper
91 100
106 96.8 34.6 51.8#



#60
o-Xylene
Concen: 8.382 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 91 Resp: 2491779
Ion Ratio Lower Upper
91 100
106 43.7 21.6 65.0

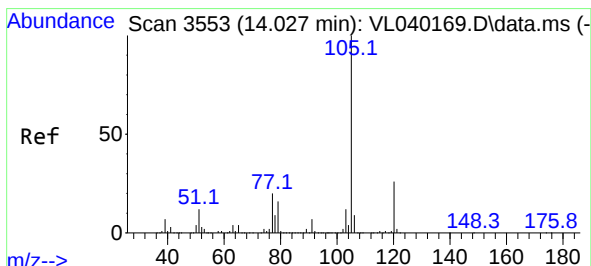
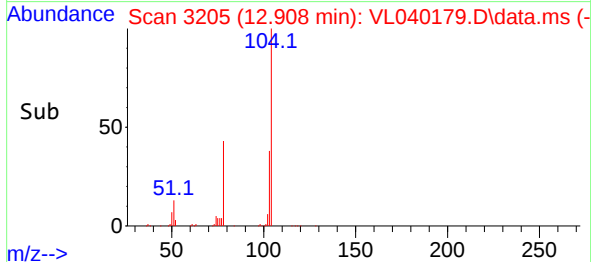
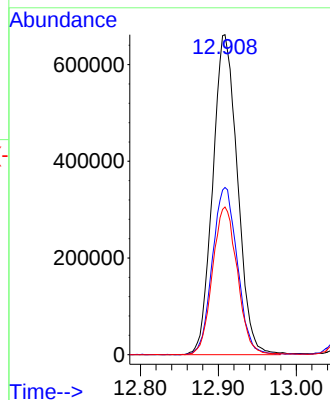
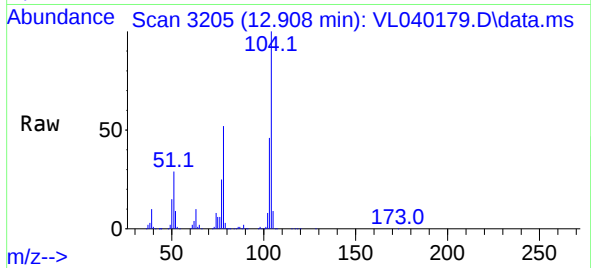




#61
Styrene
Concen: 9.345 ppbv
RT: 12.908 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

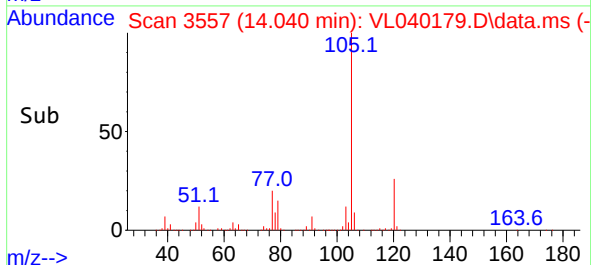
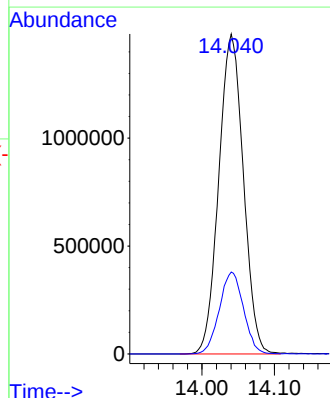
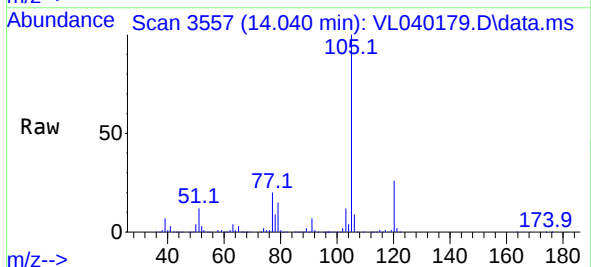
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

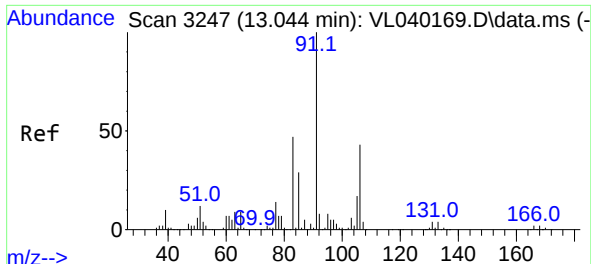
Tgt Ion:104 Resp: 1458504
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 46.7 37.5 56.3



#62
Isopropylbenzene
Concen: 8.176 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:105 Resp: 3488966
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5

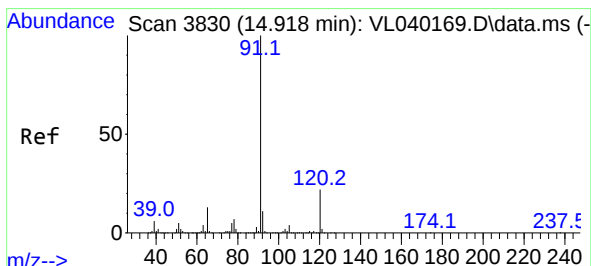
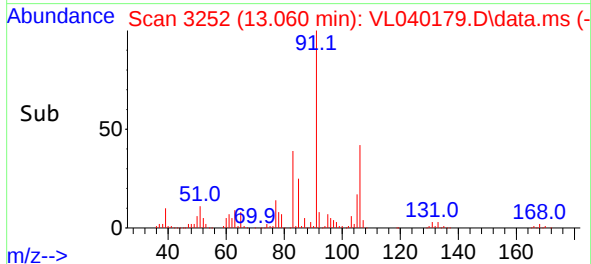
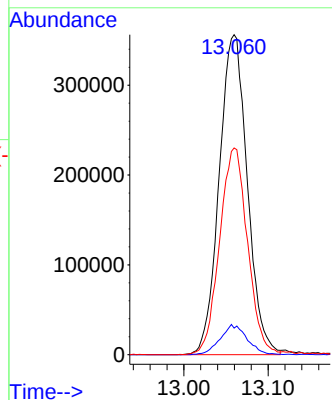
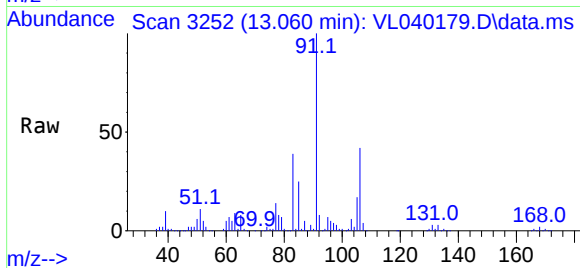




#63
1,1,2,2-Tetrachloroethane
Concen: 7.706 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

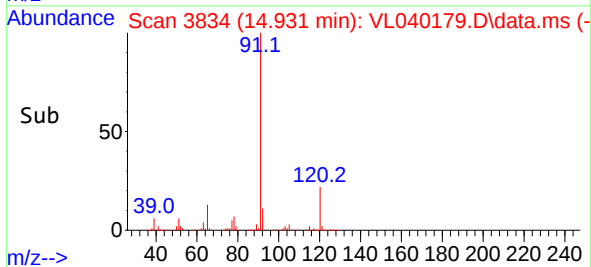
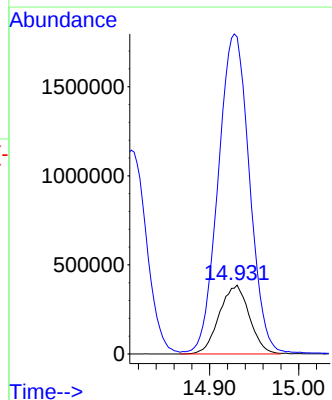
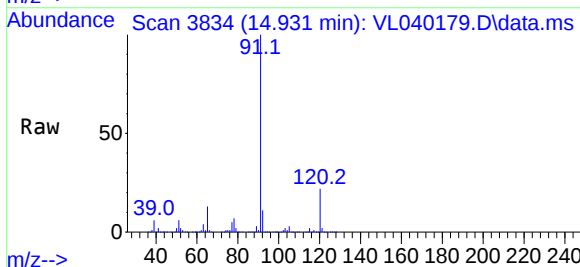
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

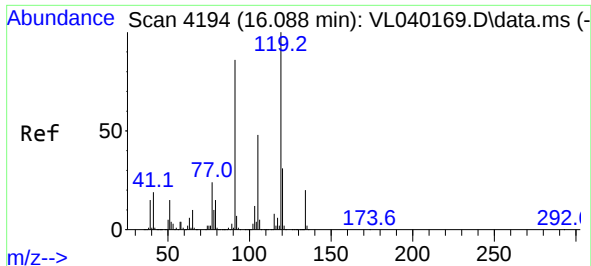
Tgt Ion: 83 Resp: 825540
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 65.1 33.0 99.0



#64
n-propylbenzene
Concen: 8.536 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:120 Resp: 901537
Ion Ratio Lower Upper
120 100
91 488.5 389.8 584.8

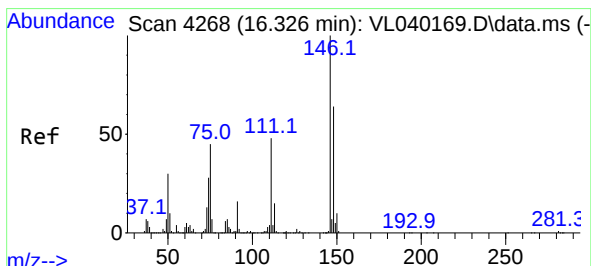
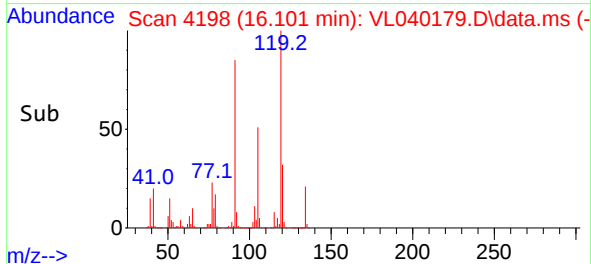
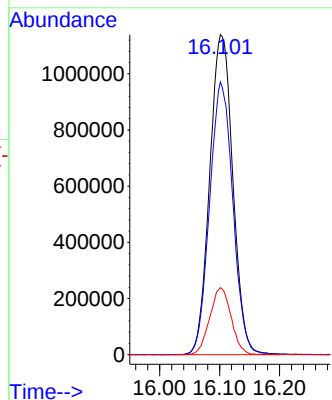
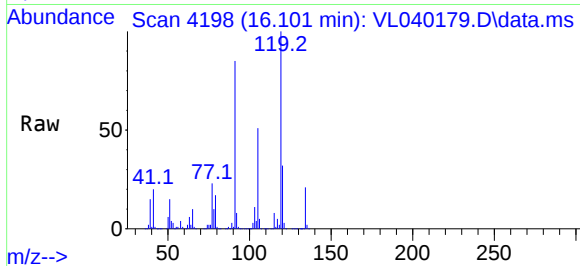




#65
tert-Butylbenzene
Concen: 8.229 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

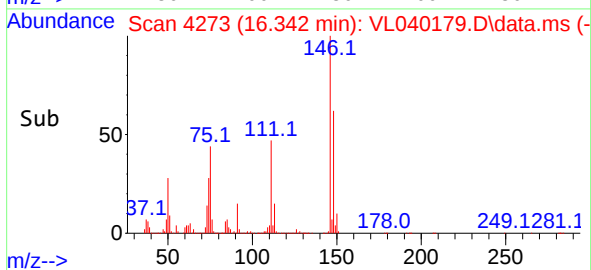
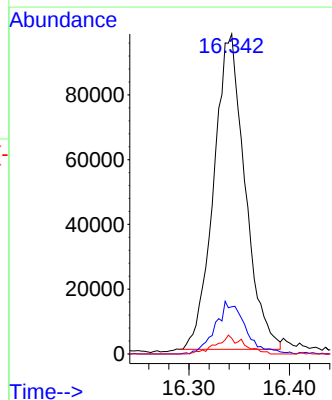
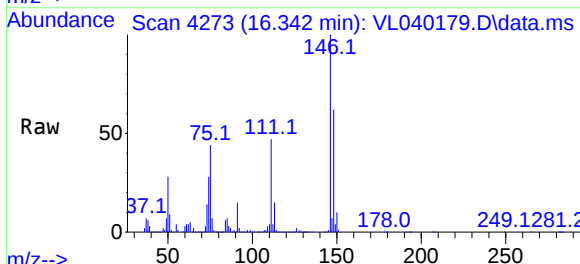
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

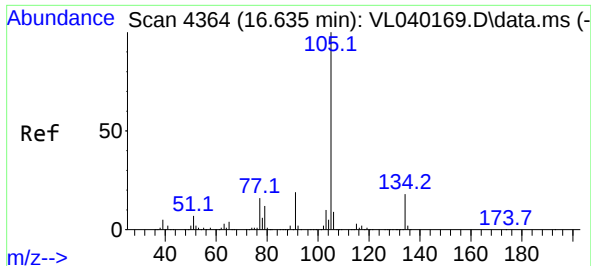
Tgt Ion:119 Resp: 3052250
Ion Ratio Lower Upper
119 100
91 85.6 68.6 102.8
134 19.4 15.9 23.9



#66
Benzyl Chloride
Concen: 8.516 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 91 Resp: 210197
Ion Ratio Lower Upper
91 100
126 16.0 13.1 19.7
128 5.2 4.1 6.1

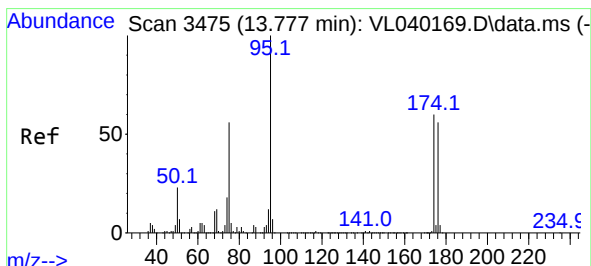
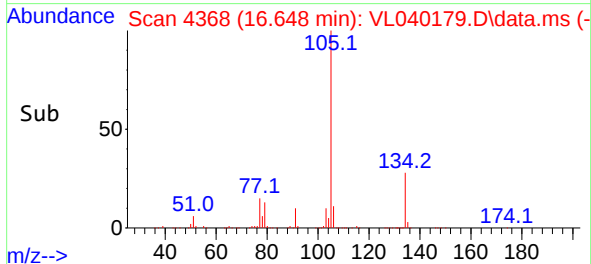
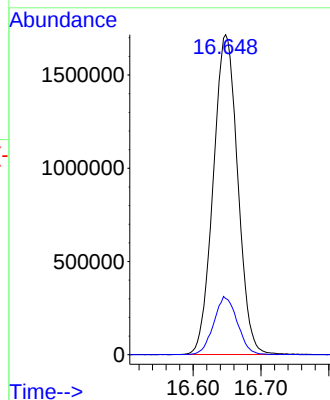
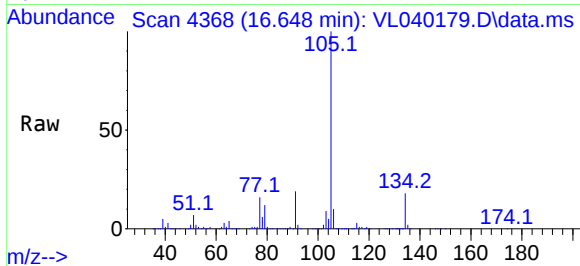




#67
 sec-Butylbenzene
 Concen: 8.094 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

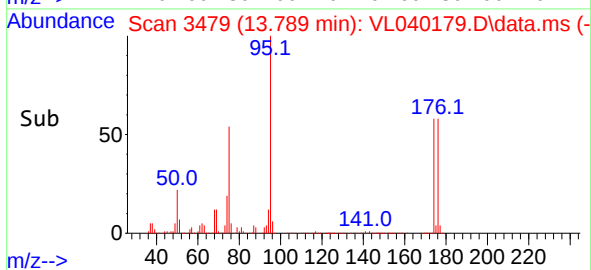
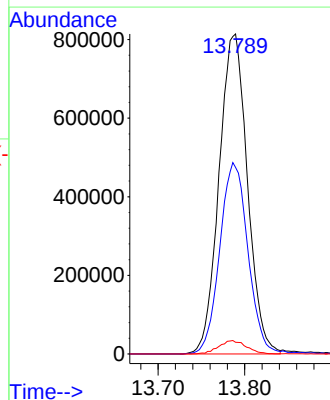
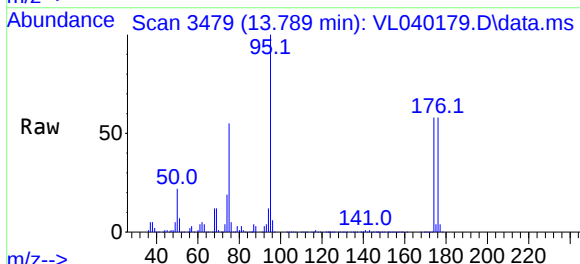
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL021523

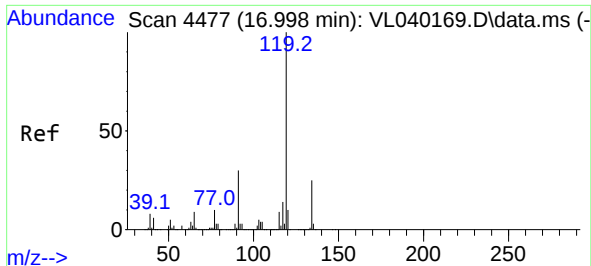
Tgt Ion:105 Resp: 4305486
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.851 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

Tgt Ion: 95 Resp: 1853378
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.2 72.2
 175 4.2 3.4 5.2

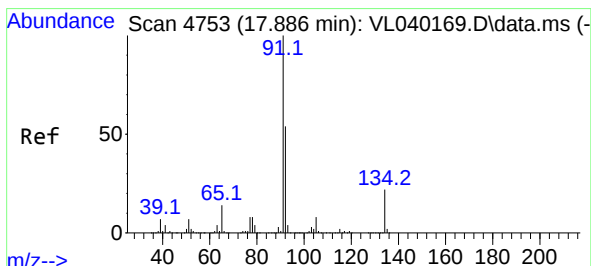
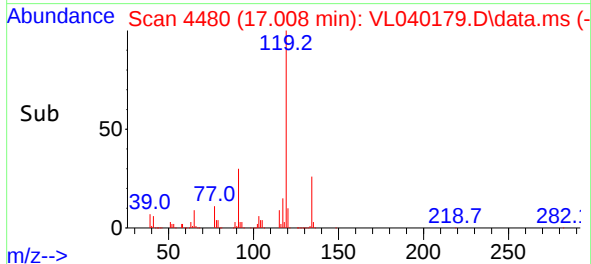
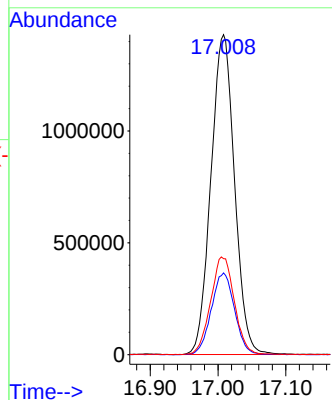
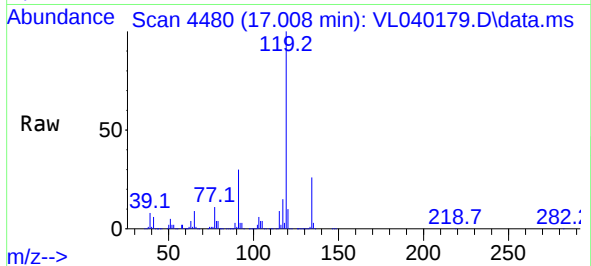




#69
p-Isopropyltoluene
Concen: 8.211 ppbv
RT: 17.008 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

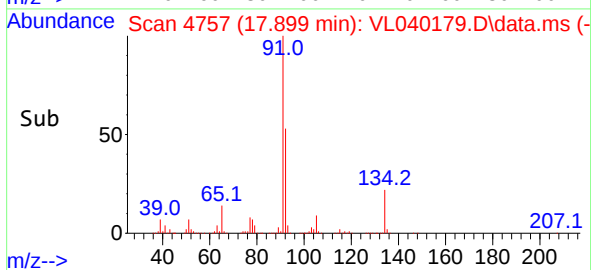
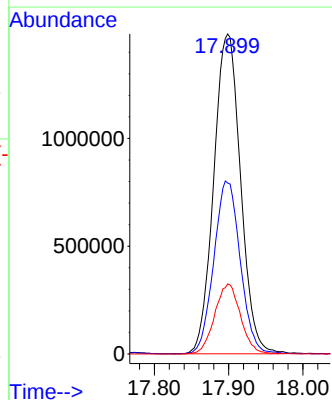
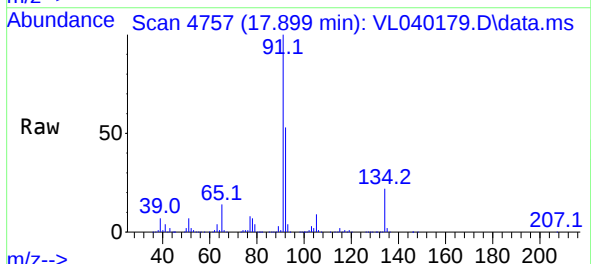
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

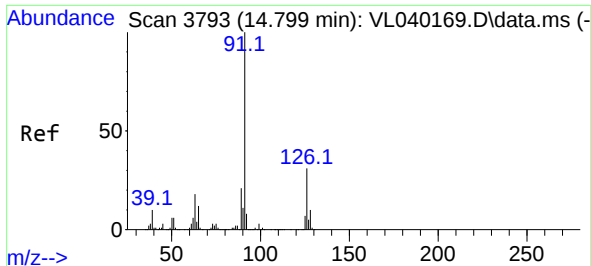
Tgt Ion:119 Resp: 3462777
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 30.8 24.7 37.1



#70
n-Butylbenzene
Concen: 8.140 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 91 Resp: 3725939
Ion Ratio Lower Upper
91 100
92 53.4 43.0 64.6
134 21.1 16.9 25.3

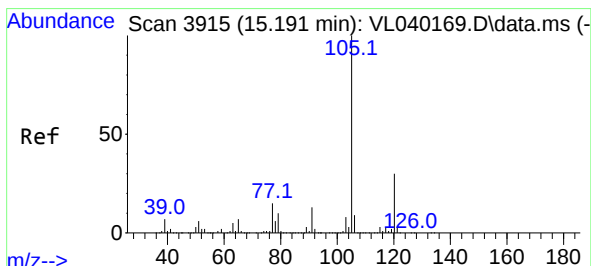
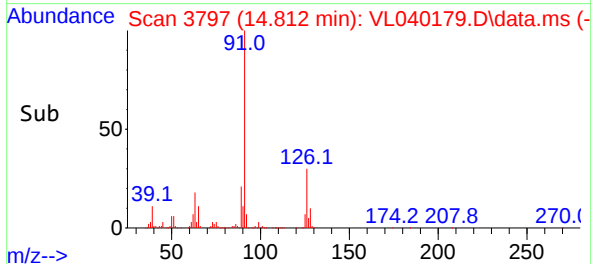
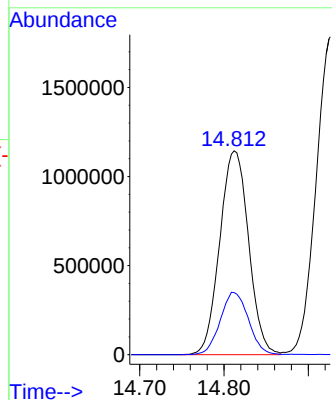
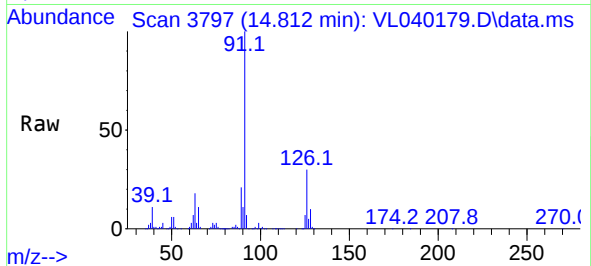




#71
2-Chlorotoluene
Concen: 8.334 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

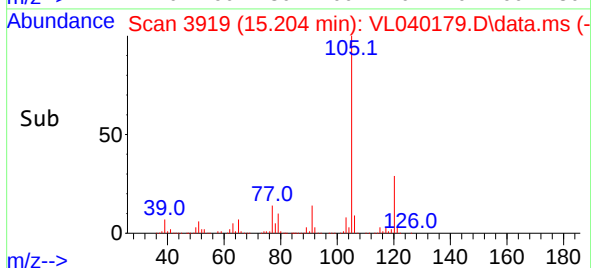
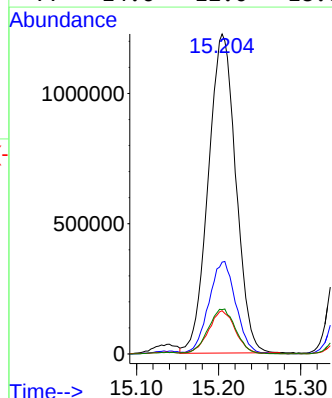
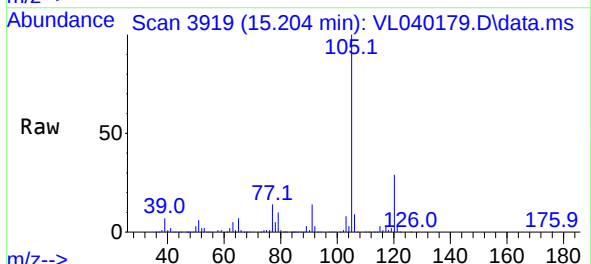
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

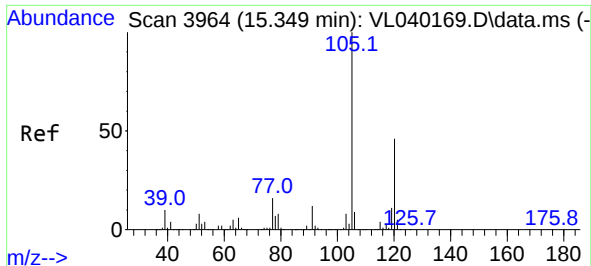
Tgt Ion: 91 Resp: 2719944
Ion Ratio Lower Upper
91 100
126 30.1 12.0 48.2



#72
4-Ethyltoluene
Concen: 8.686 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 105 Resp: 2854500
Ion Ratio Lower Upper
105 100
120 28.7 23.2 34.8
91 13.1 11.3 16.9
77 14.6 12.0 18.0

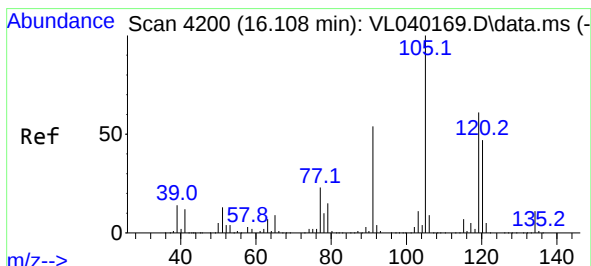
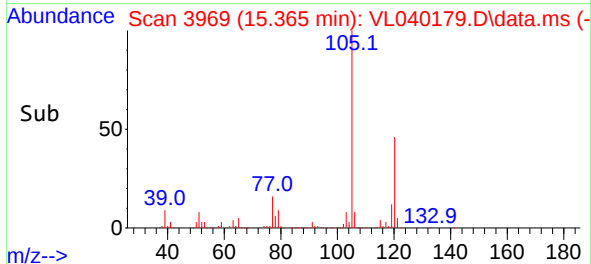
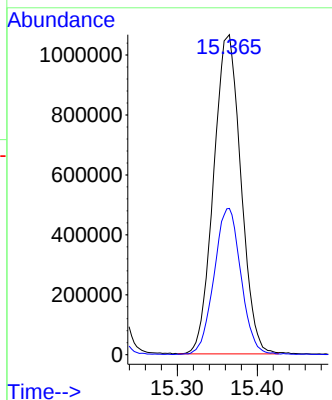
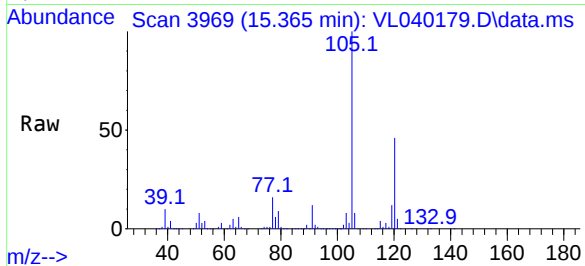




#73
 1,3,5-Trimethylbenzene
 Concen: 8.247 ppbv
 RT: 15.365 min Scan# 3969
 Delta R.T. 0.016 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

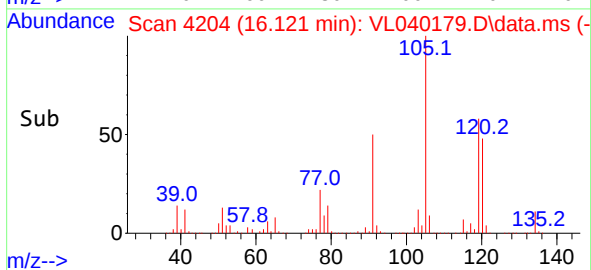
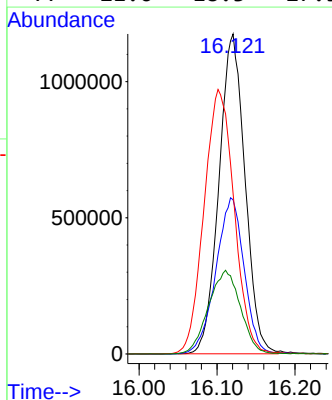
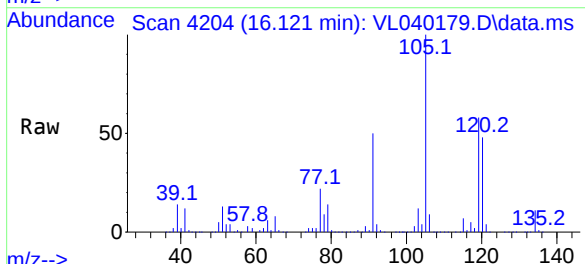
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523

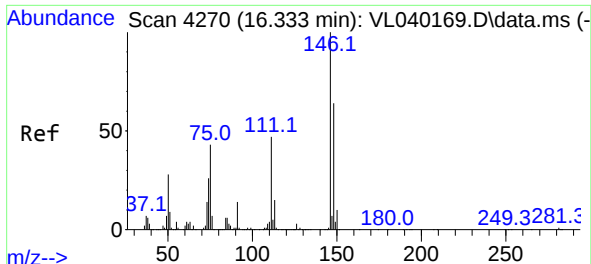
Tgt Ion:105 Resp: 2521774
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.122 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

Tgt Ion:105 Resp: 2728035
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.9 56.9
 91 49.7 43.7 65.5
 77 21.6 18.3 27.5

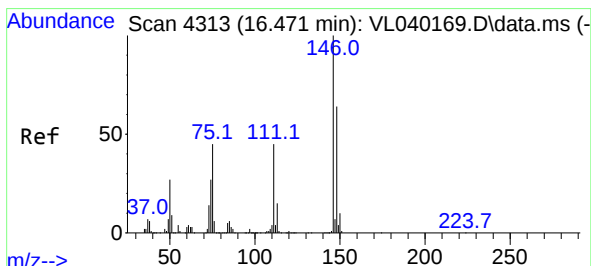
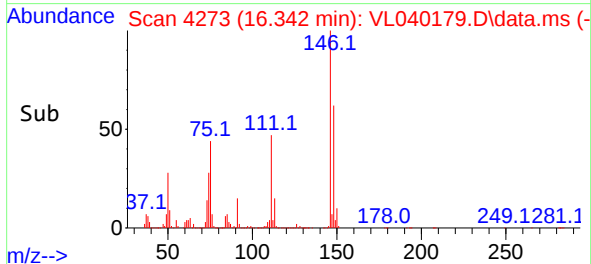
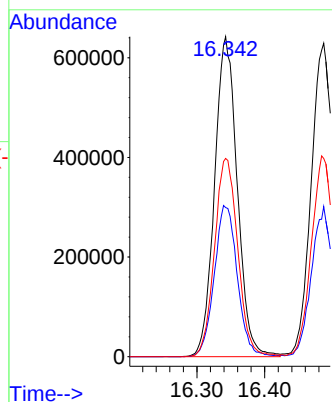
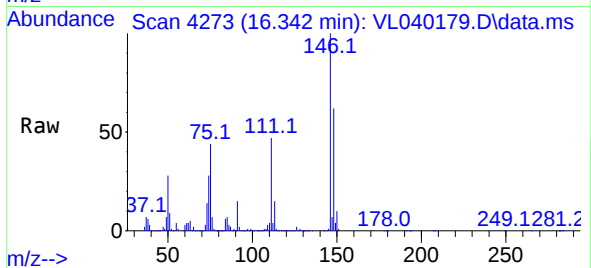




#75
1,3-Dichlorobenzene
Concen: 8.124 ppbv
RT: 16.342 min Scan# 4318
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

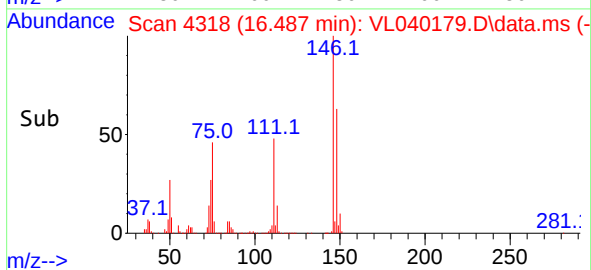
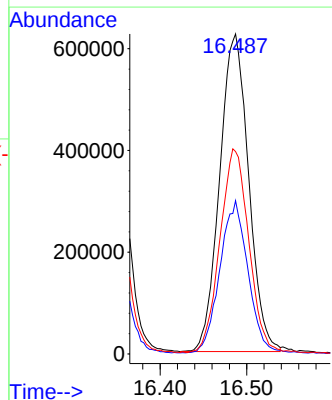
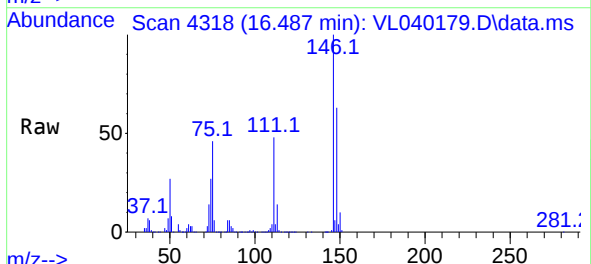
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

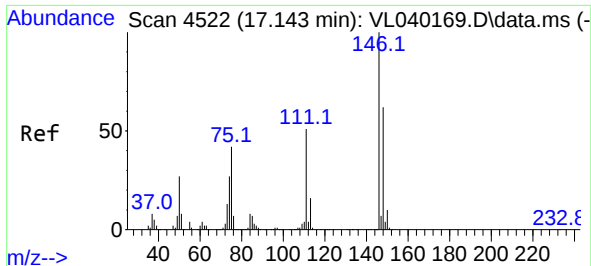
Tgt Ion:146 Resp: 1493417
Ion Ratio Lower Upper
146 100
111 48.2 23.9 71.8
148 63.7 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 8.049 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:146 Resp: 1449825
Ion Ratio Lower Upper
146 100
111 47.4 23.5 70.5
148 65.6 32.5 97.4

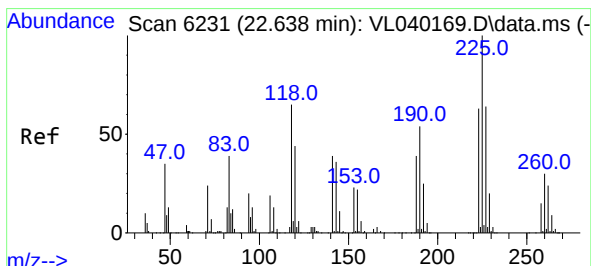
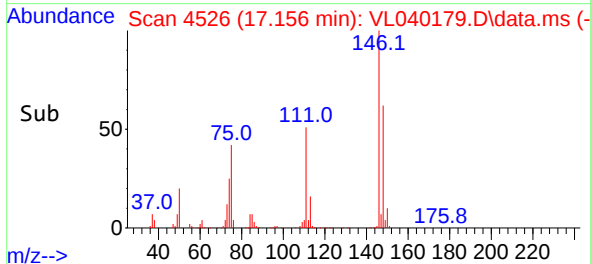
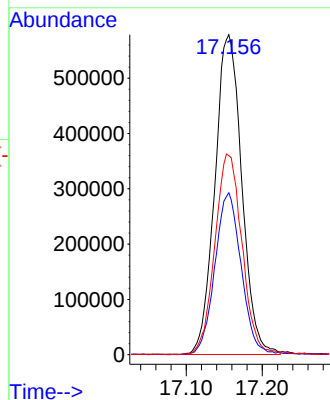
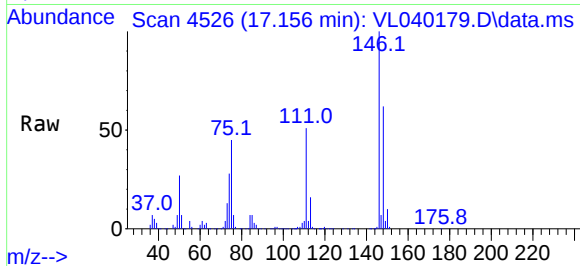




#77
1,2-Dichlorobenzene
Concen: 7.791 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

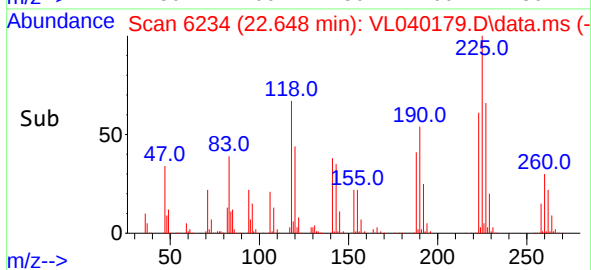
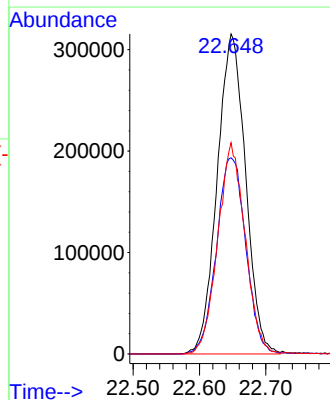
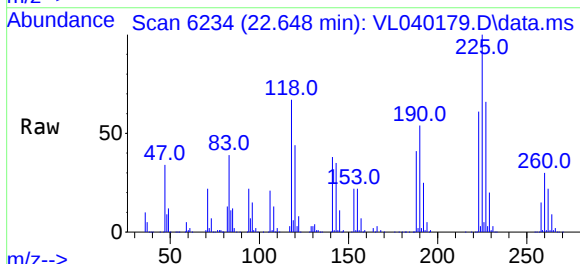
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

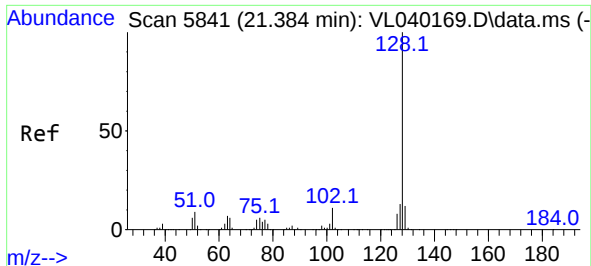
Tgt Ion:146 Resp: 1422498
Ion Ratio Lower Upper
146 100
111 49.9 25.3 75.8
148 63.7 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.476 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:225 Resp: 937778
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 63.7 51.2 76.8

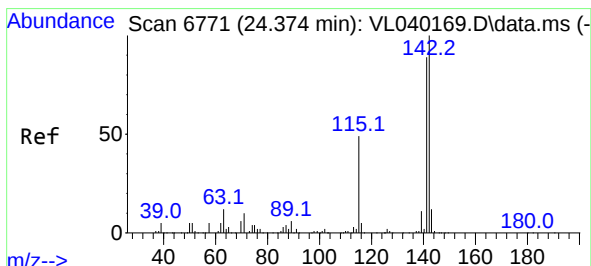
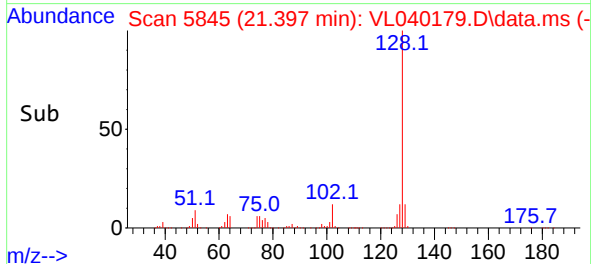
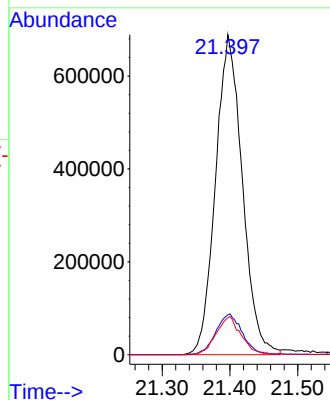
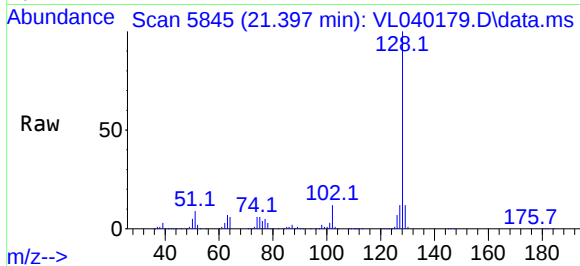




#79
Naphthalene
Concen: 10.020 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

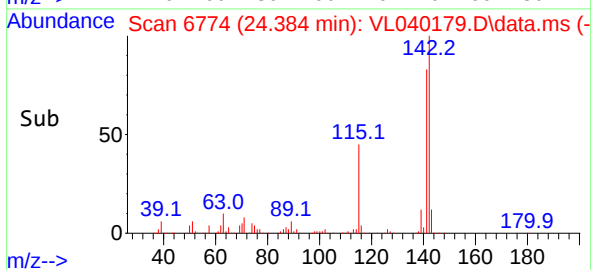
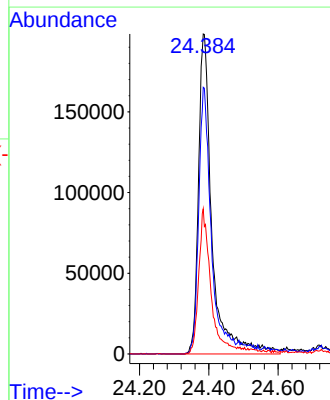
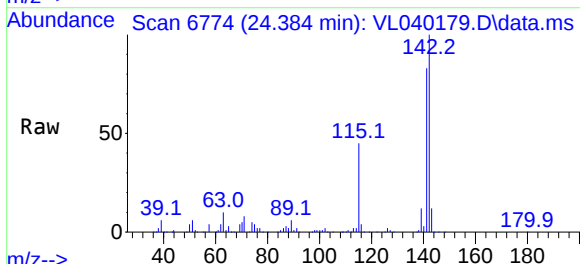
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

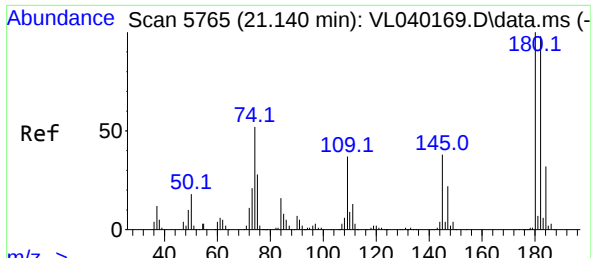
Tgt Ion:128 Resp: 1890875
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.6 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 10.083 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:142 Resp: 541067
Ion Ratio Lower Upper
142 100
141 80.7 67.3 100.9
115 41.8 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 8.415 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040179.D

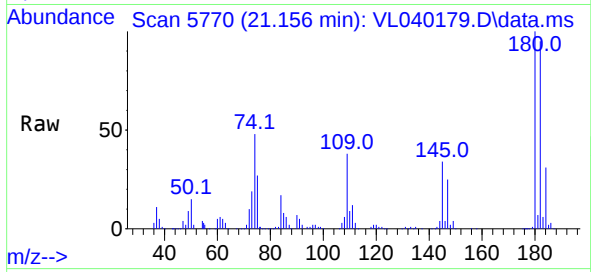
Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523



Tgt Ion:180 Resp: 993721

Ion Ratio Lower Upper

180 100

182 98.9 79.0 118.6

184 31.6 24.6 36.8

