

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039817.D
 Acq On : 2 Nov 2022 15:13
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL110222

Quant Time: Nov 03 09:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1069867	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2931541	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3465297	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2150854	8.292	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	1507952	8.349	ppbv	100
3) Chlorodifluoromethane	2.687	51	1151725	9.030	ppbv	100
4) Chloromethane	2.825	50	714729	9.000	ppbv	98
5) Vinyl Chloride	2.932	62	610898	9.501	ppbv	99
6) Bromomethane	3.128	94	213912	9.327	ppbv	95
7) Chloroethane	3.208	64	204898	8.504	ppbv	99
8) Dichlorotetrafluoroethane	2.870	85	1361457	8.844	ppbv	99
9) Propene	2.706	41	586365	8.824	ppbv	99
10) Heptane	7.571	43	1425745	8.956	ppbv	100
11) Trichlorofluoromethane	3.571	101	1324196	8.989	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	934477	8.783	ppbv	97
13) Ethanol	3.253	45	20862	4.442	ppbv	61
14) Bromoethene	3.375	108	430477	9.036	ppbv	100
15) Acetone	3.478	43	1007378	7.736	ppbv	100
16) 1,3-Butadiene	2.996	39	573072	9.463	ppbv	94
17) tert-Butyl alcohol	3.883	59	1110577	8.955	ppbv	98
18) 1,1-Dichloroethene	3.886	96	442069	9.062	ppbv	97
19) Isopropyl Alcohol	3.584	45	554120	8.597	ppbv	93
20) Methylene Chloride	3.938	84	372030	7.986	ppbv	98
21) Allyl Chloride	4.002	41	752476	9.135	ppbv	96
22) trans-1,2-Dichloroethene	4.449	96	444692	8.982	ppbv	97
23) Vinyl Acetate	4.629	43	429575	8.280	ppbv	97
24) 1,1-Dichloroethane	4.565	63	941298	8.883	ppbv	99
25) Ethyl Acetate	5.205	43	2414787	9.002	ppbv	99
26) Hexane	5.211	57	1047768	8.761	ppbv	99
27) Carbon Disulfide	4.128	76	1129178	8.991	ppbv	98
28) Methyl tert-Butyl Ether	4.591	73	947366	8.751	ppbv	100
29) Chloroform	5.272	83	1554892	9.246	ppbv	98
30) Cyclohexane	6.597	84	899791	8.997	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1018252	9.337	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1567352	9.362	ppbv	99
34) 2-Butanone	4.790	43	1072919	8.872	ppbv	98
35) Carbon Tetrachloride	6.488	117	1627427	9.524	ppbv	99
36) Benzene	6.365	78	2241051	9.063	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1135714	9.572	ppbv	99
38) Trichloroethene	7.285	130	1237905	9.112	ppbv	98
39) 1,2-Dichloropropane	7.066	63	870821	9.038	ppbv	96
40) 1,4-Dioxane	7.279	88	333766	9.046	ppbv	# 1
41) Tetrahydrofuran	5.555	42	910953	9.013	ppbv	99
42) Bromodichloromethane	7.240	83	1760259	9.289	ppbv	99
43) Methyl Methacrylate	7.468	69	927413	9.490	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	3724361	8.923	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	921757	9.846	ppbv	100

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Instrument :
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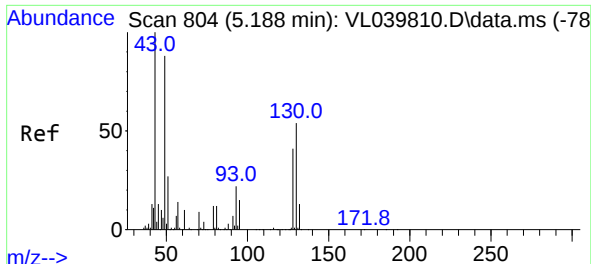
Quant Time: Nov 03 09:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1233398	9.652	ppbv	100
47) 1,1,2-Trichloroethane	8.890	97	884642	9.067	ppbv	96
48) Dibromochloromethane	9.697	129	1512853	9.100	ppbv	100
49) Bromoform	12.394	173	1165076	8.719	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2309265	9.327	ppbv	99
51) 2-Hexanone	9.539	43	1819599	9.425	ppbv #	98
52) Tetrachloroethene	10.600	164	776891	8.320	ppbv	99
53) Toluene	9.211	91	2548324	8.983	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1043656	9.639	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1047760	7.072	ppbv	98
57) Chlorobenzene	11.516	112	1880728	7.155	ppbv	98
58) Ethyl Benzene	12.082	91	1419614	3.030	ppbv	99
59) m/p-Xylene	12.365	91	1986177	5.078	ppbv #	30
60) o-Xylene	13.047	91	2581146	6.966	ppbv	100
61) Styrene	12.886	104	1644515	7.212	ppbv	100
62) Isopropylbenzene	14.018	105	3729512	6.900	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	902263	6.539	ppbv	100
64) n-propylbenzene	14.905	120	996363	6.891	ppbv	98
65) tert-Butylbenzene	16.079	119	3131534	6.598	ppbv	99
66) Benzyl Chloride	16.317	91	353430	6.405	ppbv	99
67) sec-Butylbenzene	16.626	105	4319136	6.686	ppbv	99
69) p-Isopropyltoluene	16.986	119	3559191	6.642	ppbv	100
70) n-Butylbenzene	17.876	91	3541985	6.837	ppbv	99
71) 2-Chlorotoluene	14.786	91	2770651	6.822	ppbv	99
72) 4-Ethyltoluene	15.185	105	2941093	7.049	ppbv	98
73) 1,3,5-Trimethylbenzene	15.343	105	2570736	6.950	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	2697635	6.864	ppbv	96
75) 1,3-Dichlorobenzene	16.317	146	1555608	6.779	ppbv	99
76) 1,4-Dichlorobenzene	16.462	146	1511765	6.714	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1478646	6.836	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1033107	6.446	ppbv	99
79) Naphthalene	21.368	128	2290547	8.017	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	872884	7.206	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1178450	7.373	ppbv	99

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

Quant Time: Nov 03 09:15:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 02 15:18:40 2022
Response via : Initial Calibration

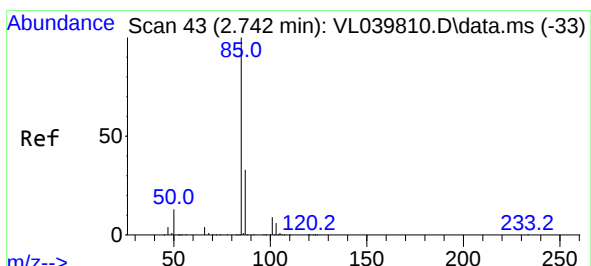
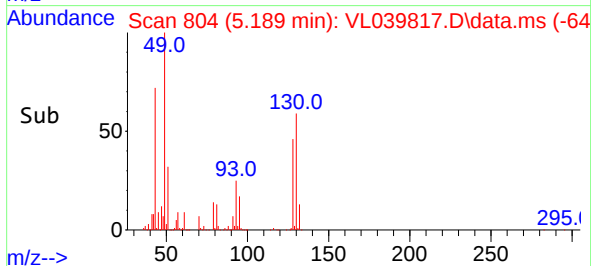
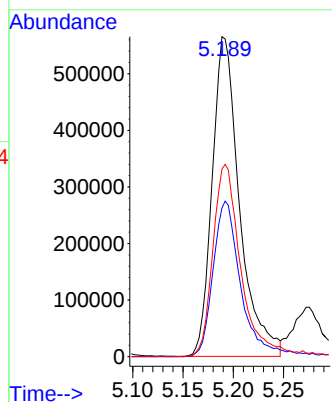
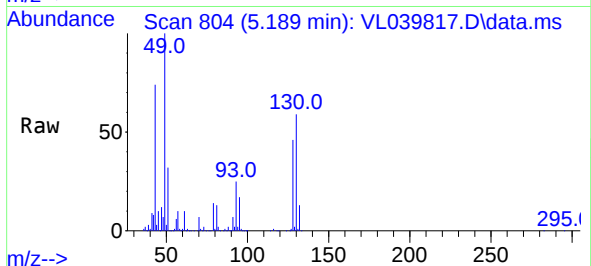




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

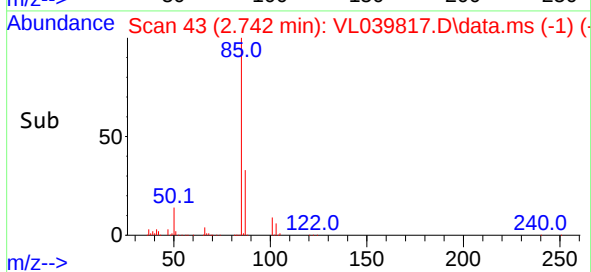
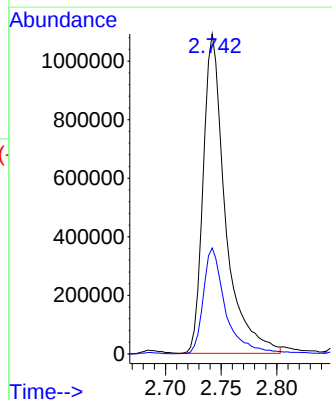
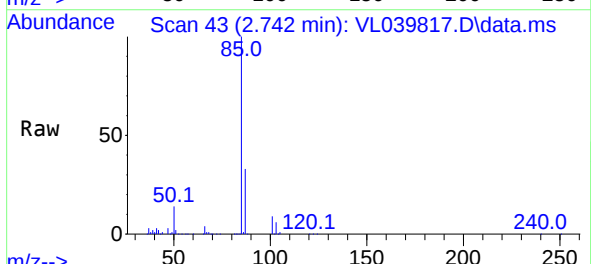
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110222

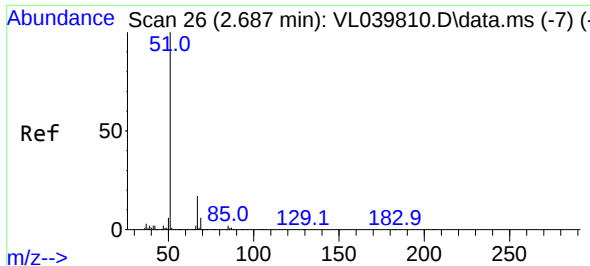
Tgt Ion: 49 Resp: 1069867
 Ion Ratio Lower Upper
 49 100
 128 50.4 24.6 73.6
 130 63.5 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 8.349 ppbv
 RT: 2.742 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion: 85 Resp: 1507952
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.4 39.6

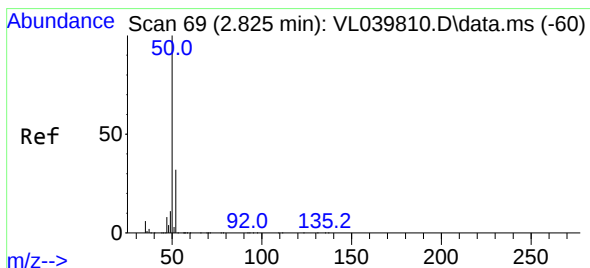
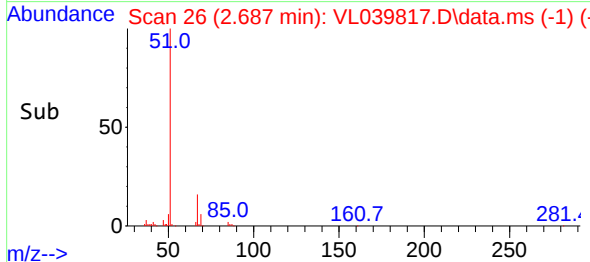
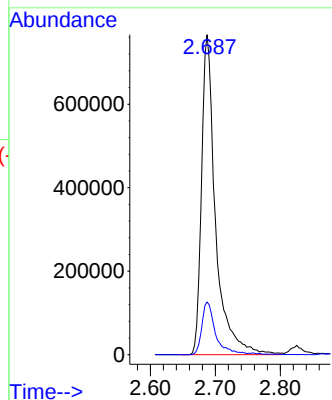
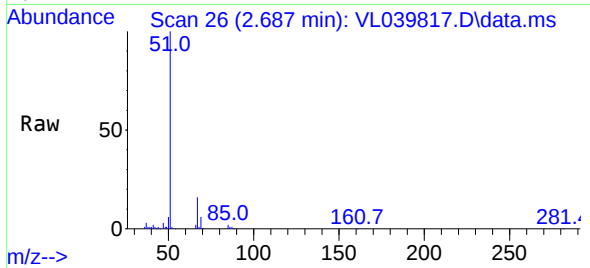




#3
Chlorodifluoromethane
Concen: 9.030 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

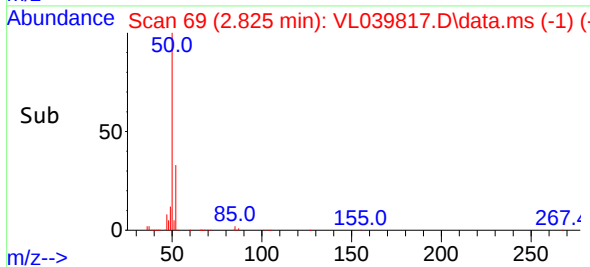
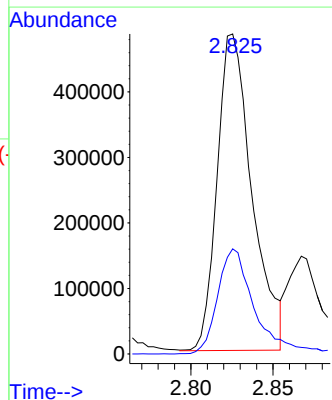
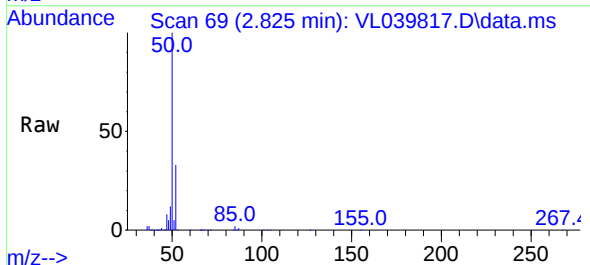
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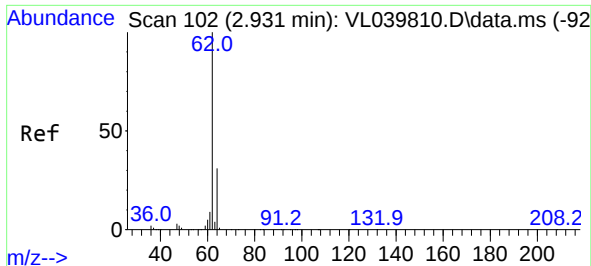
Tgt Ion: 51 Resp: 1151725
Ion Ratio Lower Upper
51 100
67 16.6 13.2 19.8



#4
Chloromethane
Concen: 9.000 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 50 Resp: 714729
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

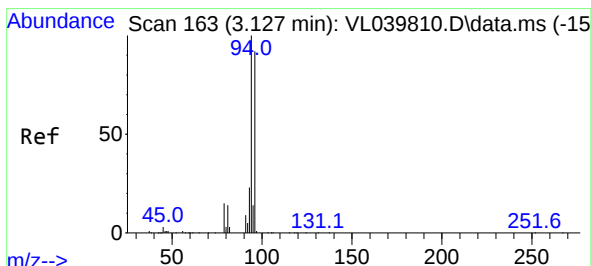
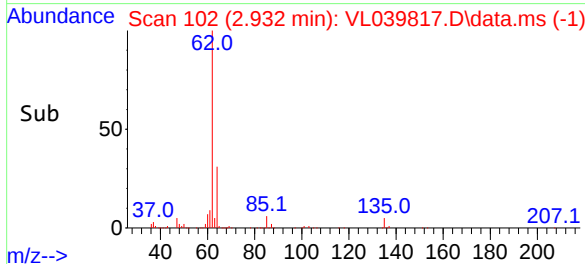
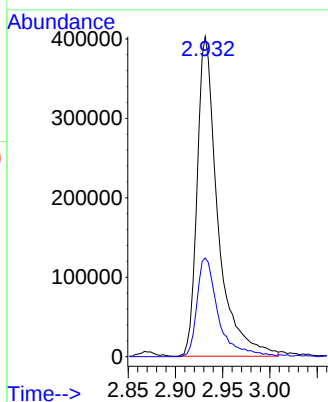
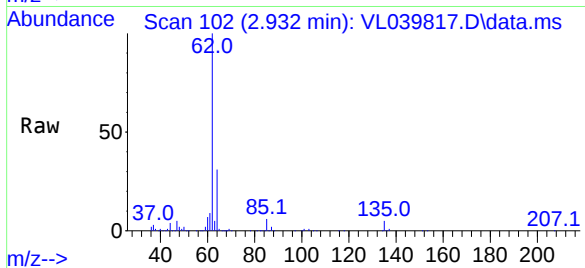




#5
 Vinyl Chloride
 Concen: 9.501 ppbv
 RT: 2.932 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

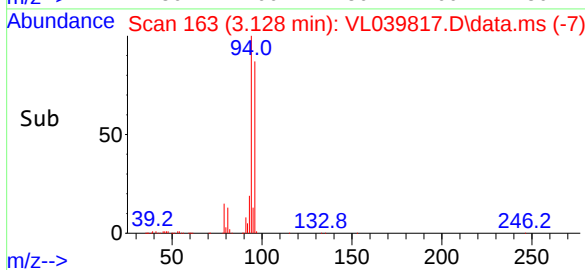
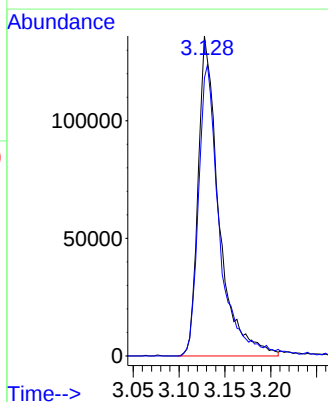
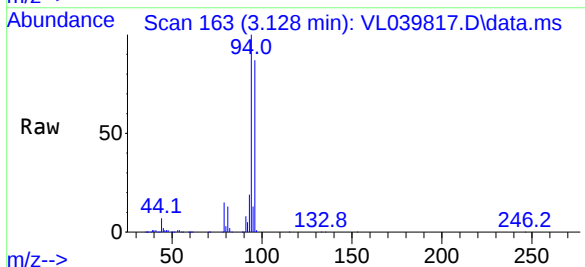
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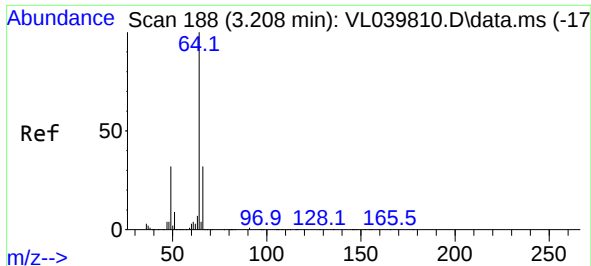
Tgt Ion: 62 Resp: 610898
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.0 37.4



#6
 Bromomethane
 Concen: 9.327 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion: 94 Resp: 213912
 Ion Ratio Lower Upper
 94 100
 96 86.9 73.5 110.3

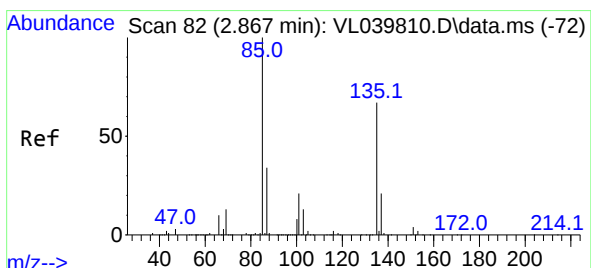
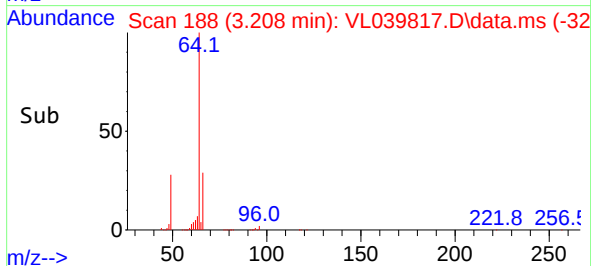
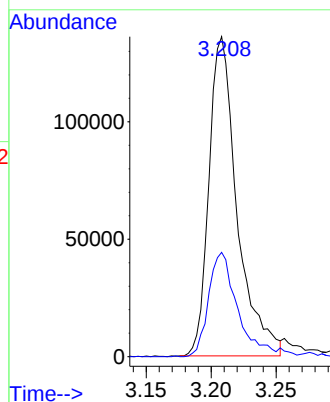
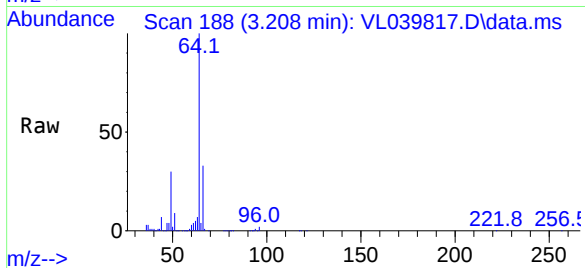




#7
Chloroethane
Concen: 8.504 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

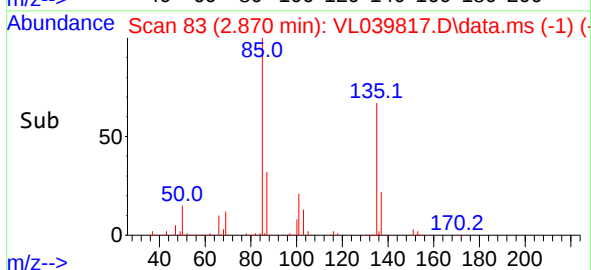
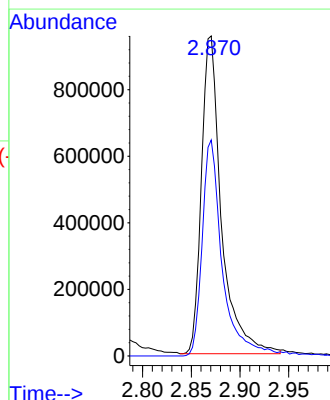
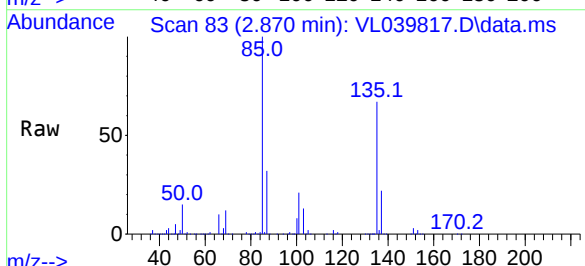
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

Tgt Ion: 64 Resp: 204898
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3

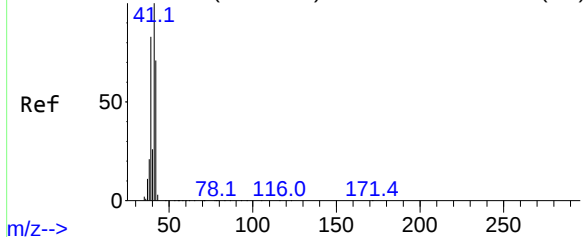


#8
Dichlorotetrafluoroethane
Concen: 8.844 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

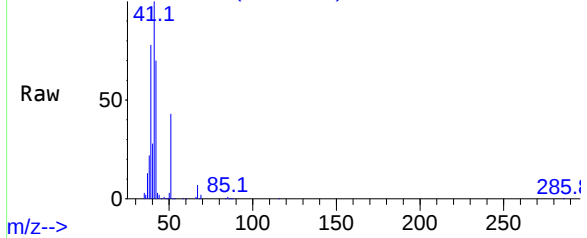
Tgt Ion: 85 Resp: 1361457
Ion Ratio Lower Upper
85 100
135 69.8 56.7 85.1



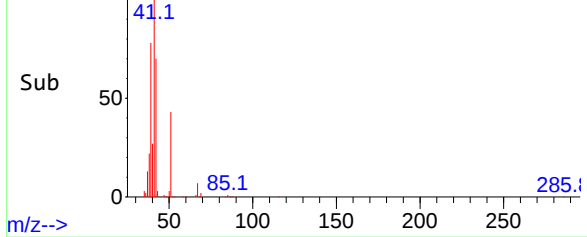
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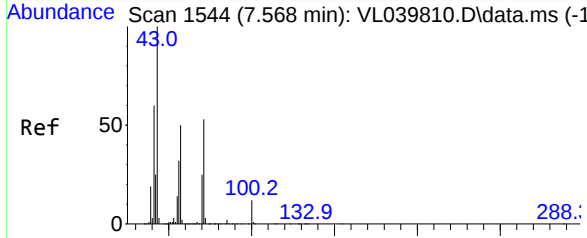
m/z--> Scan 32 (2.706 min): VL039817.D\data.ms



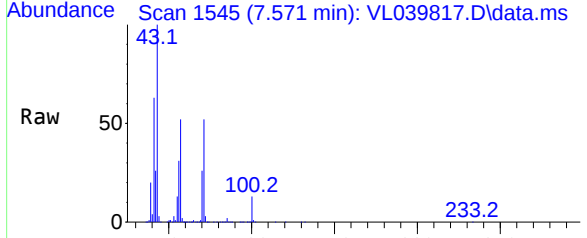
Abundance Scan 32 (2.706 min): VL039817.D\data.ms (-1)



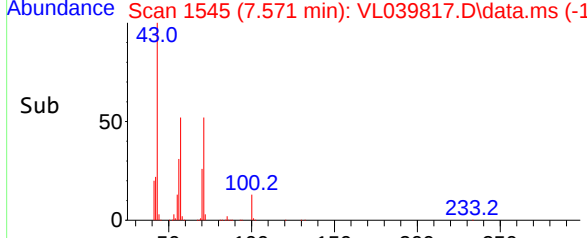
m/z--> Scan 1544 (7.568 min): VL039810.D\data.ms (-1)



m/z--> Scan 1545 (7.571 min): VL039817.D\data.ms



Abundance Scan 1545 (7.571 min): VL039817.D\data.ms (-1)



m/z-->

#9

Propene

Concen: 8.824 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_1

ClientSampleId :

ICVVL110222

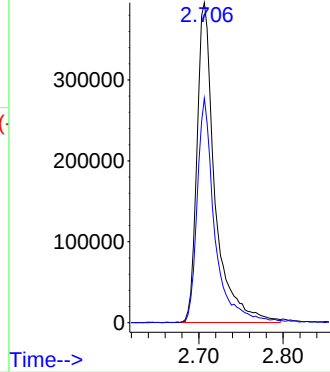
Tgt Ion: 41 Resp: 586365

Ion Ratio Lower Upper

41 100

42 69.4 56.3 84.5

Abundance



#10

Heptane

Concen: 8.956 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. 0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

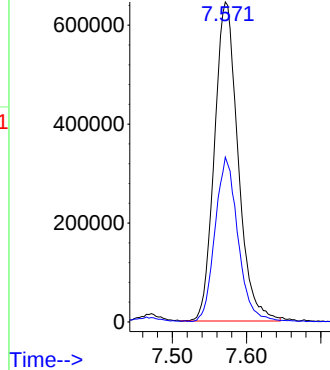
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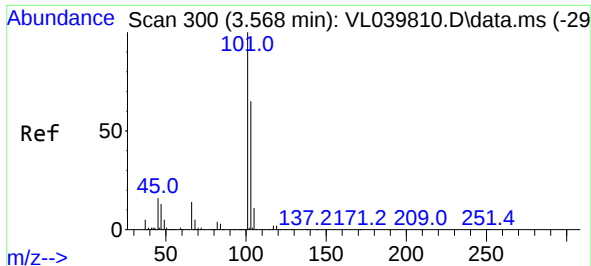
Ion Ratio Lower Upper

43 100

57 50.7 40.5 60.7

Abundance

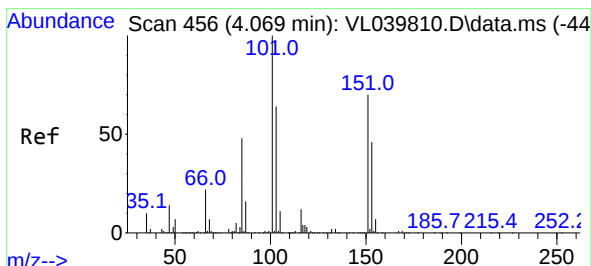
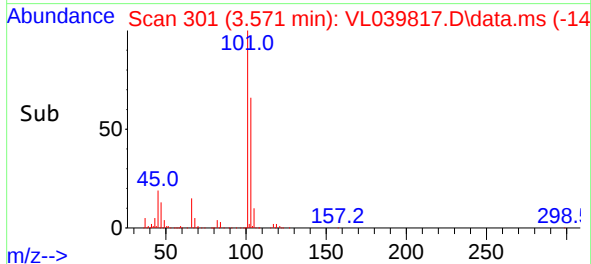
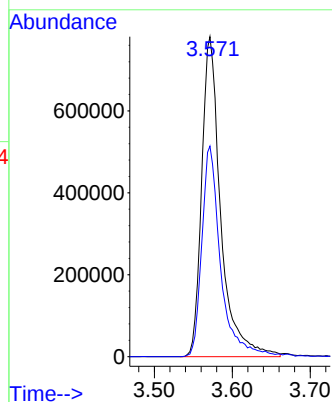
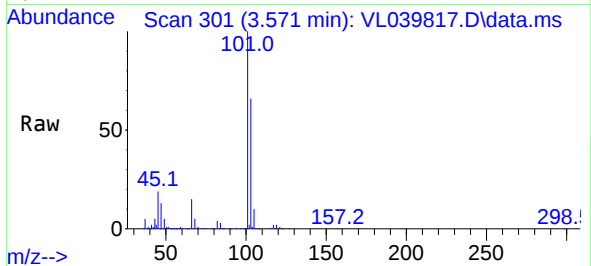




#11
 Trichlorofluoromethane
 Concen: 8.989 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

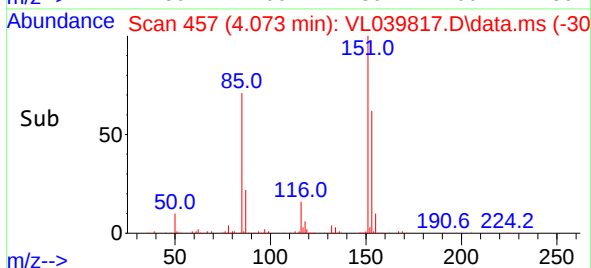
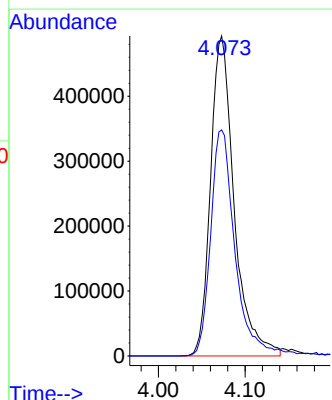
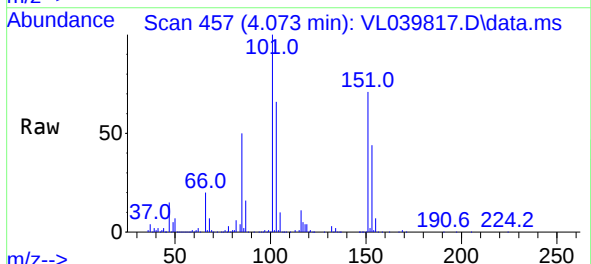
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110222

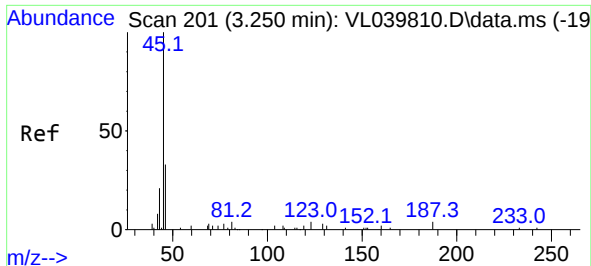
Tgt Ion:101 Resp: 1324196
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.783 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion:101 Resp: 934477
 Ion Ratio Lower Upper
 101 100
 151 73.8 57.2 85.8

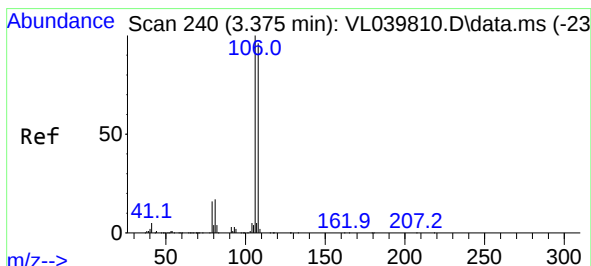
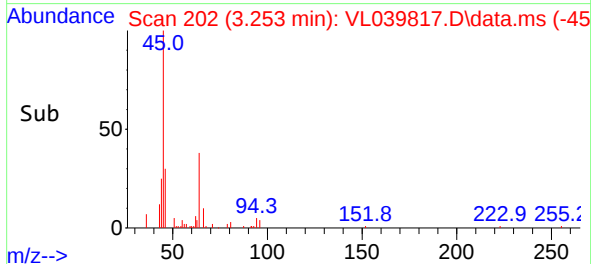
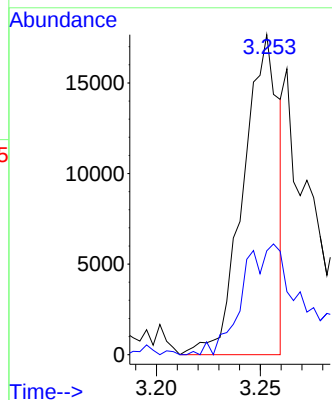
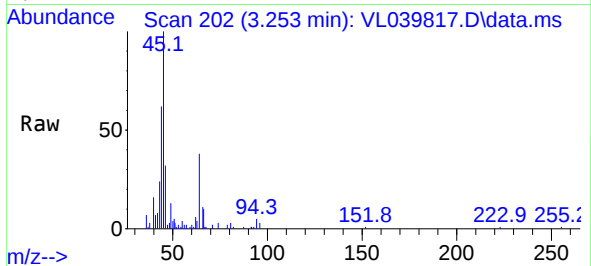




#13
Ethanol
Concen: 4.442 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

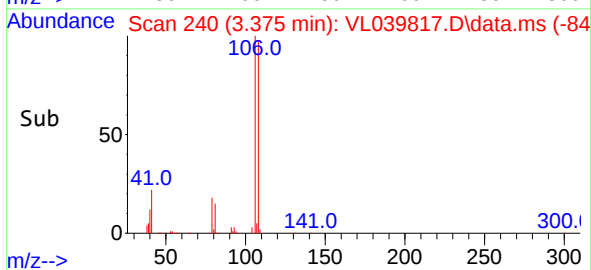
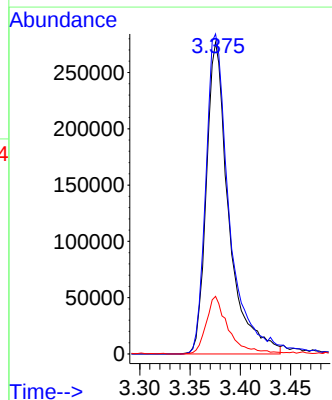
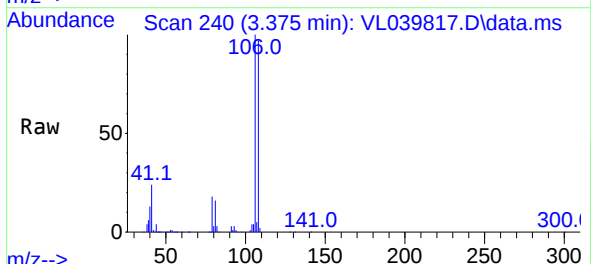
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

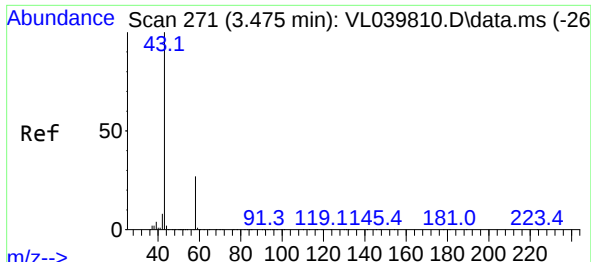
Tgt Ion: 45 Resp: 20862
Ion Ratio Lower Upper
45 100
46 65.6 16.5 65.9



#14
Bromoethene
Concen: 9.036 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 108 Resp: 430477
Ion Ratio Lower Upper
108 100
106 110.0 87.8 131.8
79 18.9 14.5 21.7

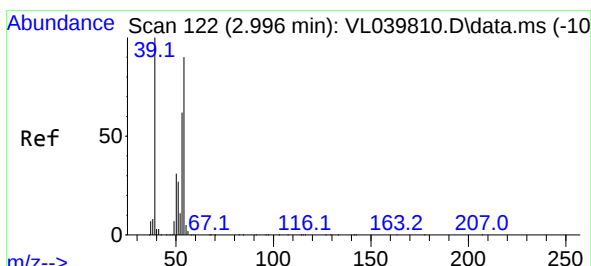
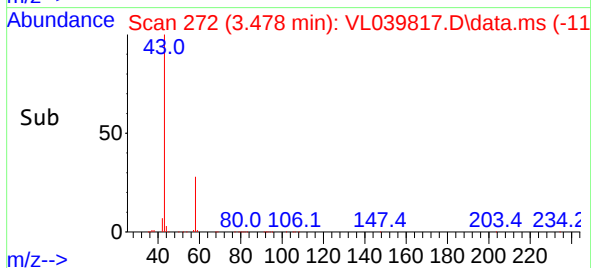
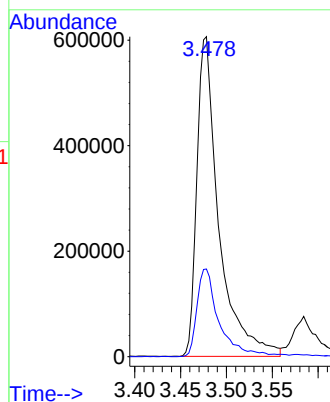
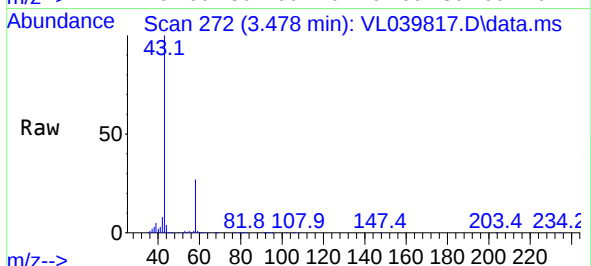




#15
Acetone
Concen: 7.736 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

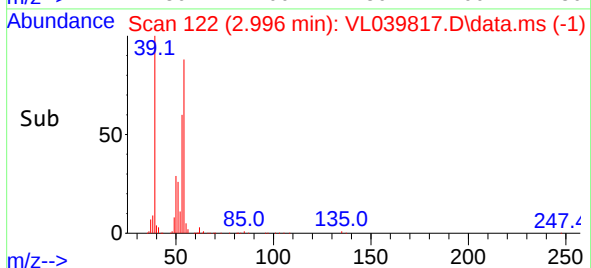
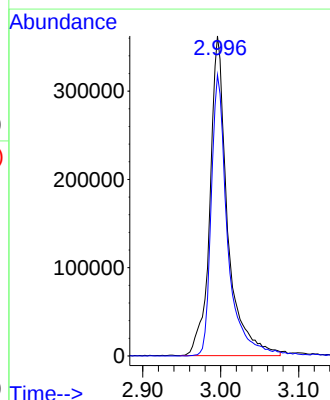
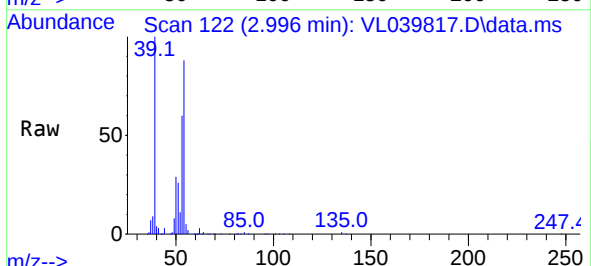
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

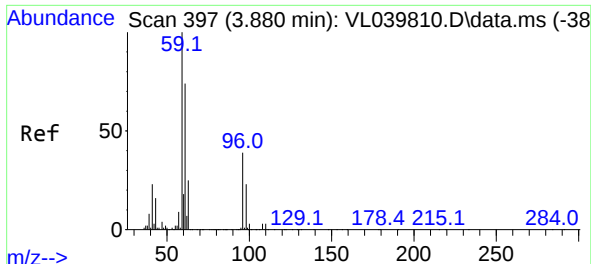
Tgt Ion: 43 Resp: 1007378
Ion Ratio Lower Upper
43 100
58 28.9 23.2 34.8



#16
1,3-Butadiene
Concen: 9.463 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 39 Resp: 573072
Ion Ratio Lower Upper
39 100
54 83.0 71.0 106.4

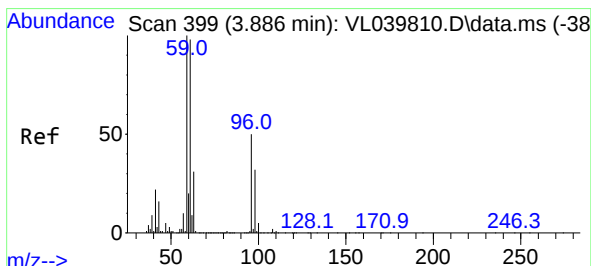
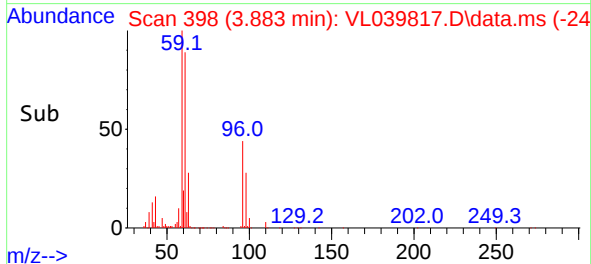
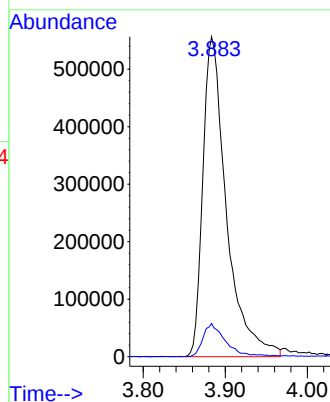
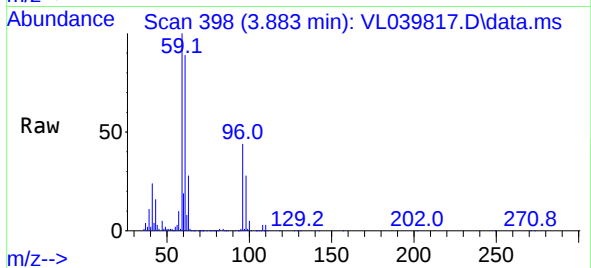




#17
tert-Butyl alcohol
Concen: 8.955 ppbv
RT: 3.883 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

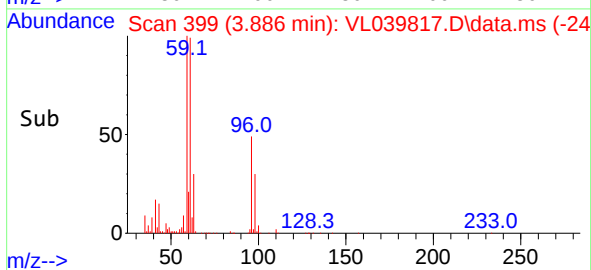
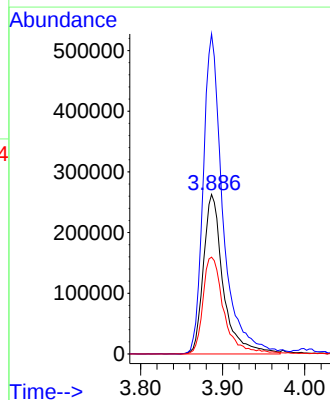
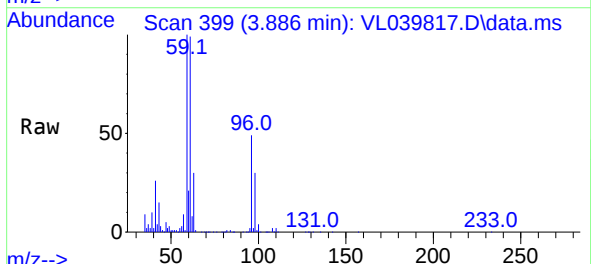
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

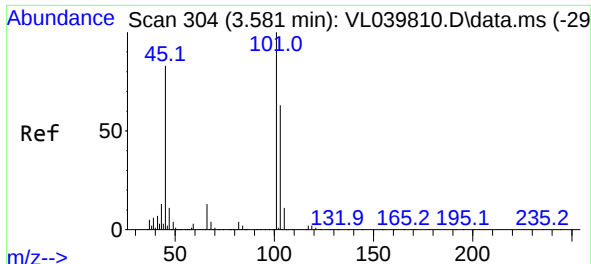
Tgt Ion: 59 Resp: 1110577
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.6



#18
1,1-Dichloroethene
Concen: 9.062 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 96 Resp: 442069
Ion Ratio Lower Upper
96 100
61 200.6 156.9 235.3
98 60.7 50.6 75.8

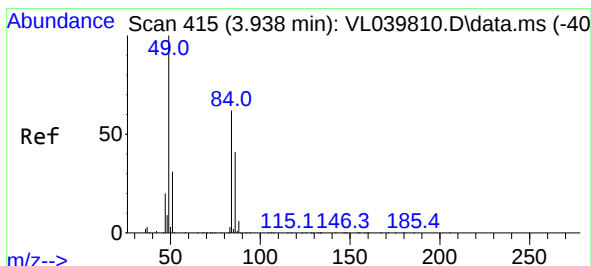
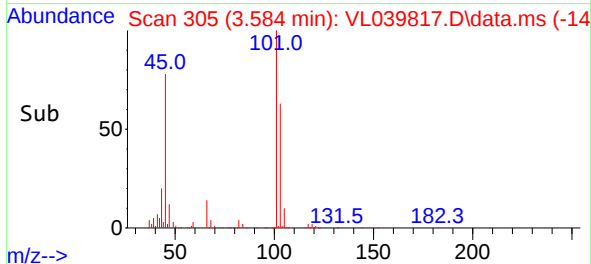
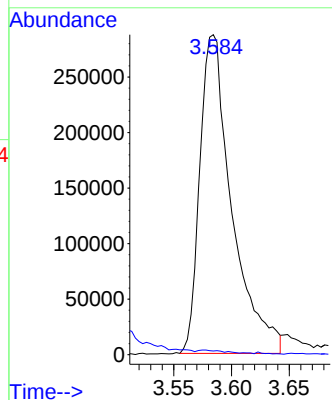
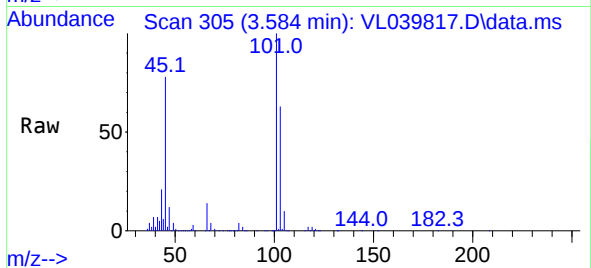




#19
Isopropyl Alcohol
Concen: 8.597 ppbv
RT: 3.584 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

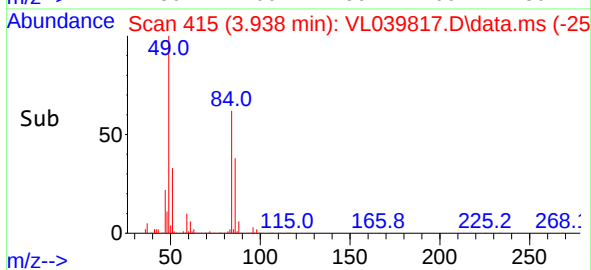
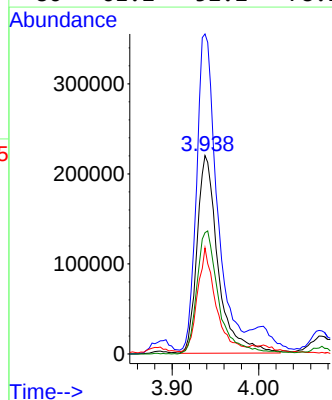
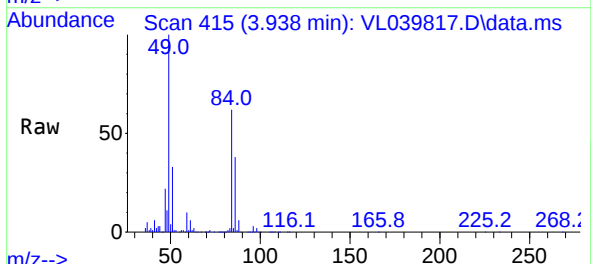
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

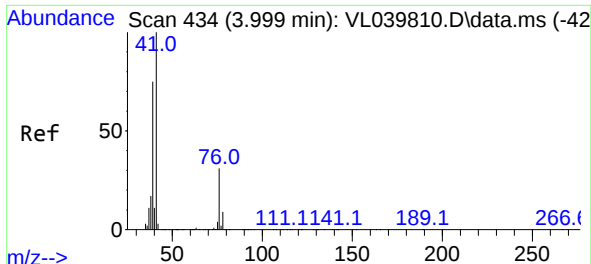
Tgt Ion: 45 Resp: 554120
Ion Ratio Lower Upper
45 100
58 52.5 38.3 57.5



#20
Methylene Chloride
Concen: 7.986 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 84 Resp: 372030
Ion Ratio Lower Upper
84 100
49 160.0 128.6 192.8
51 52.4 40.2 60.4
86 61.2 52.2 78.2

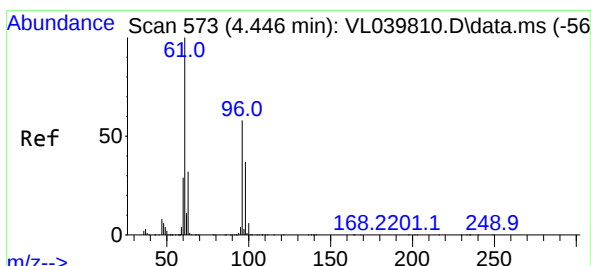
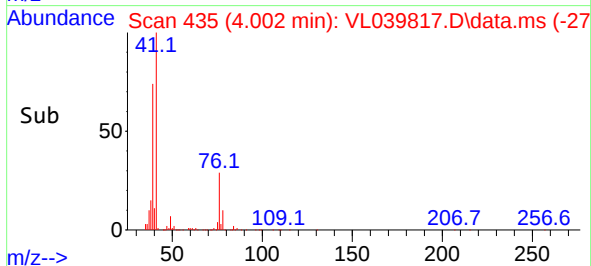
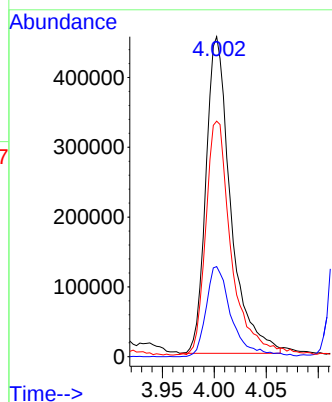
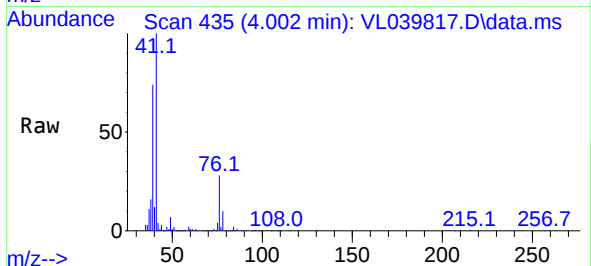




#21
 Allyl Chloride
 Concen: 9.135 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

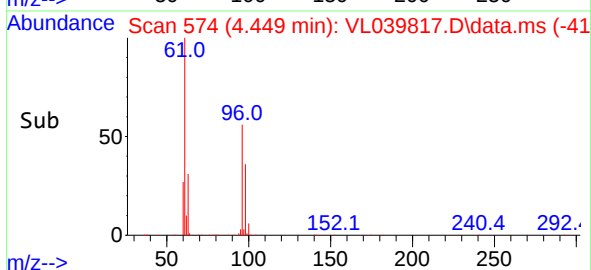
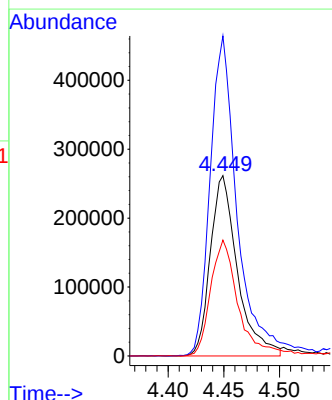
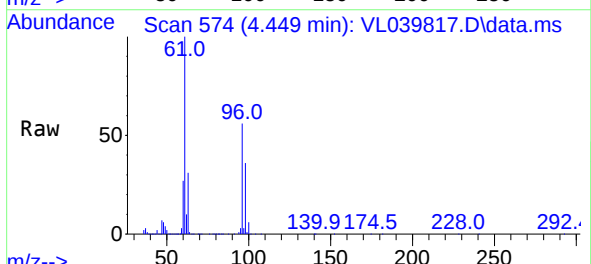
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL110222

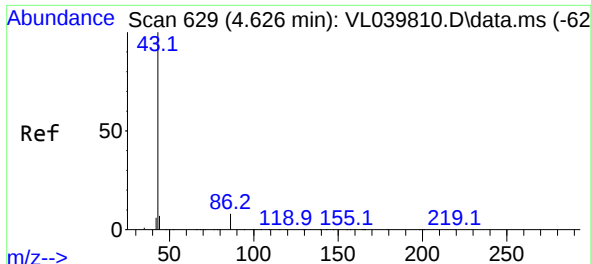
Tgt Ion: 41 Resp: 752476
 Ion Ratio Lower Upper
 41 100
 76 29.3 24.1 36.1
 39 76.6 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 8.982 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion: 96 Resp: 444692
 Ion Ratio Lower Upper
 96 100
 61 177.1 137.6 206.4
 98 64.2 51.2 76.8



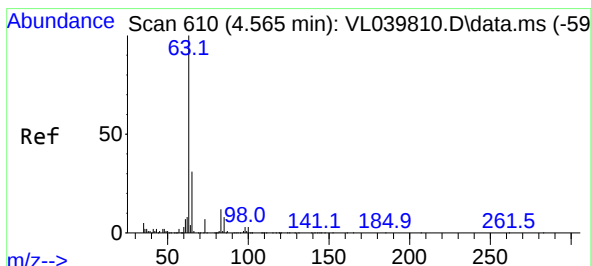
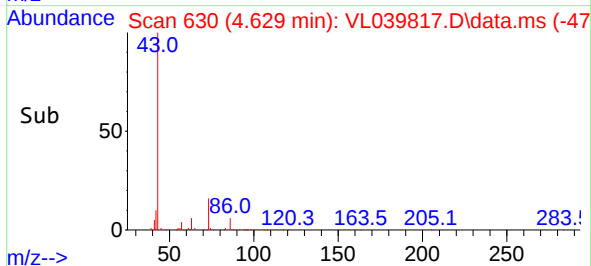
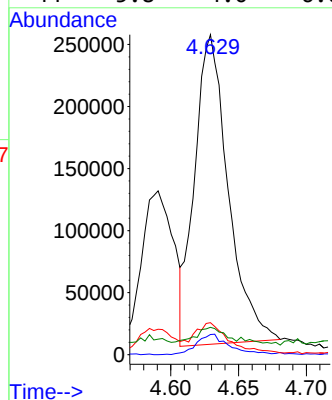
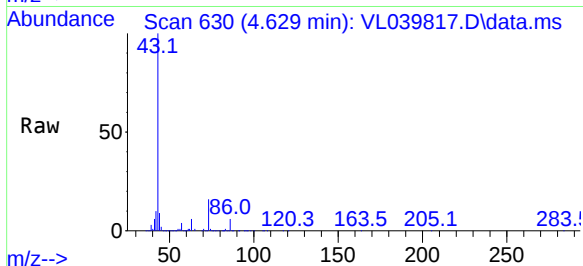


#23
 Vinyl Acetate
 Concen: 8.280 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL110222

Tgt Ion: 43 Resp: 429575

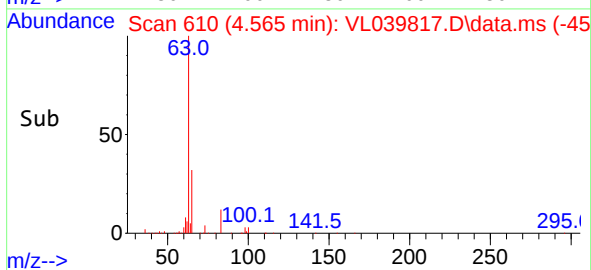
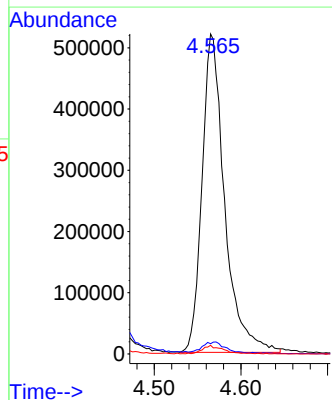
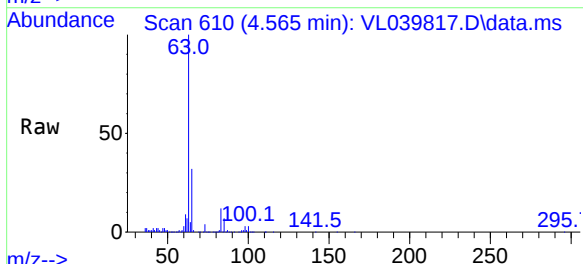
Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.0	7.4
42	9.9	6.8	10.2
44	5.8	4.0	6.0

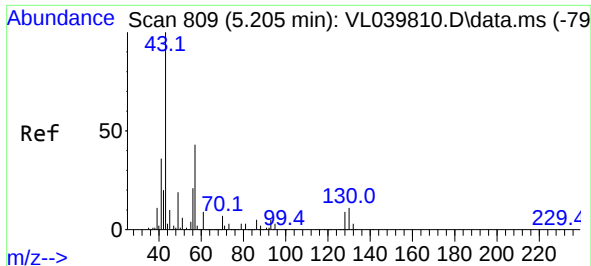


#24
 1,1-Dichloroethane
 Concen: 8.883 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion: 63 Resp: 941298

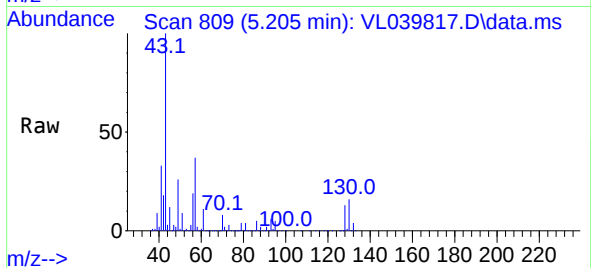
Ion	Ratio	Lower	Upper
63	100		
98	3.1	1.8	5.4
100	2.6	1.5	4.4





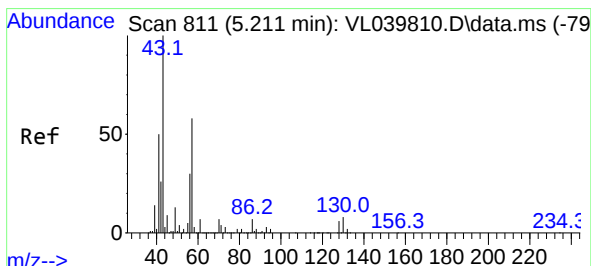
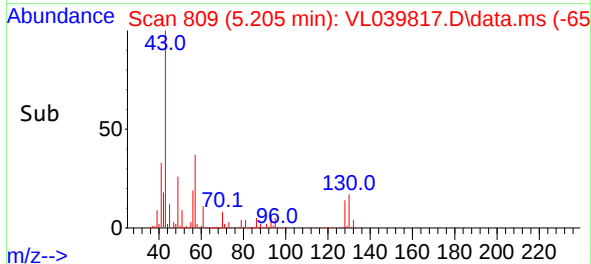
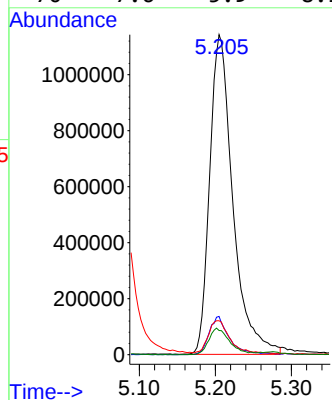
#25
Ethyl Acetate
Concen: 9.002 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Instrument :
MSVOA_1
ClientSampleId :
ICVVL110222



Tgt Ion: 43 Resp: 2414787

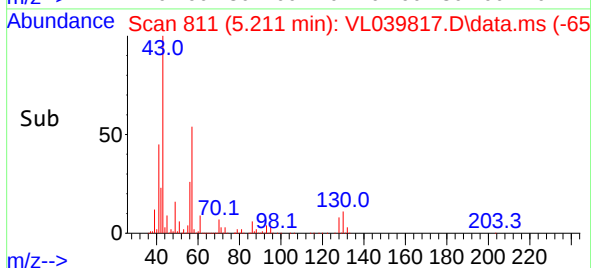
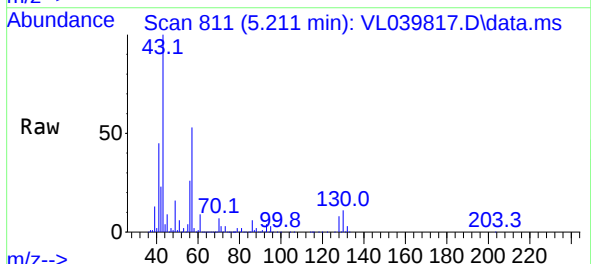
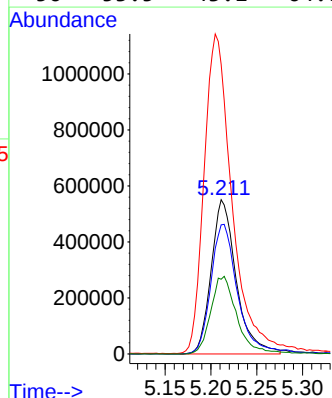
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.2
61	10.3	8.1	12.1
70	7.6	5.9	8.9

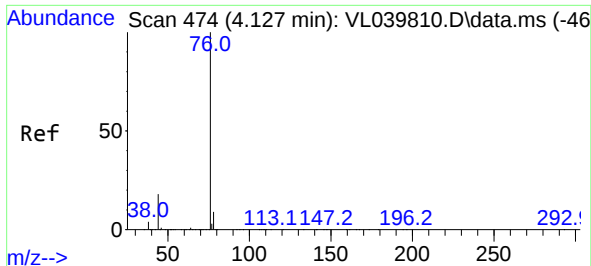


#26
Hexane
Concen: 8.761 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 57 Resp: 1047768

Ion	Ratio	Lower	Upper
57	100		
41	90.3	73.7	110.5
43	234.7	189.8	284.8
56	53.5	43.1	64.7

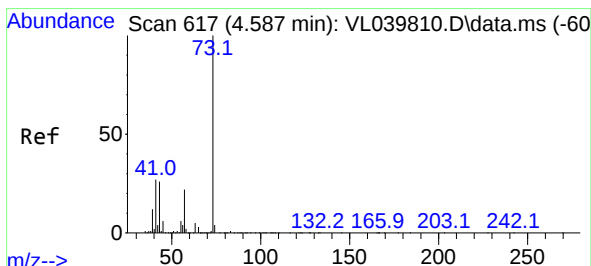
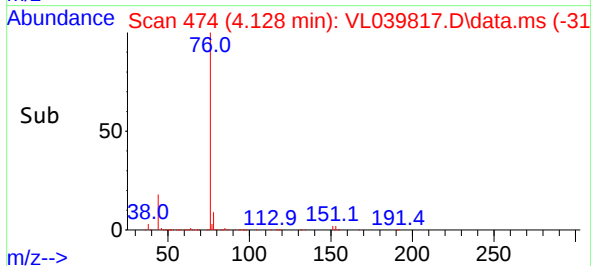
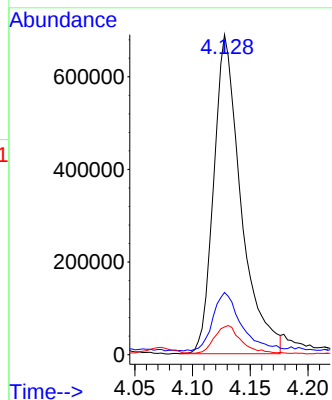
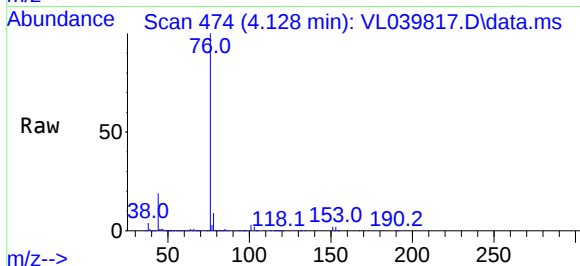




#27
Carbon Disulfide
Concen: 8.991 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

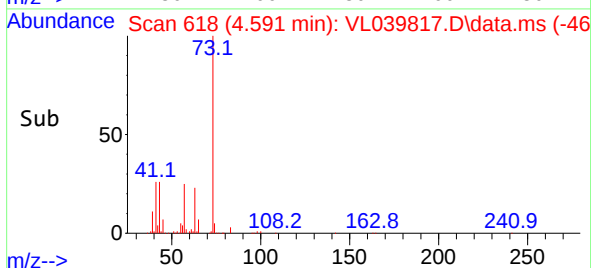
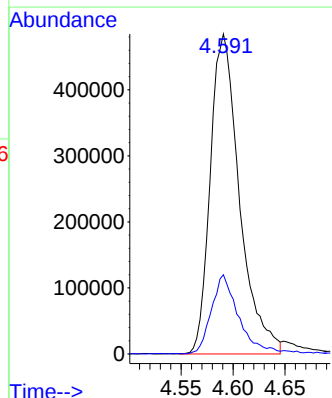
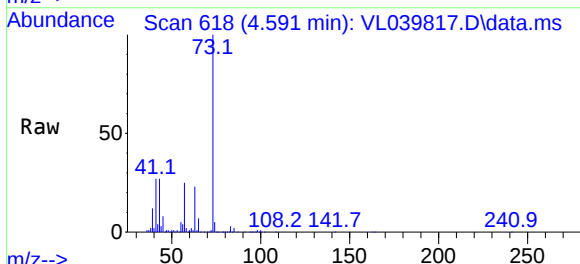
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

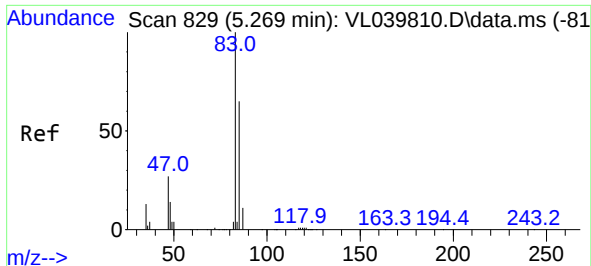
Tgt Ion: 76 Resp: 1129178
Ion Ratio Lower Upper
76 100
44 19.8 14.6 22.0
78 9.7 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 8.751 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 73 Resp: 947366
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.2





#29

Chloroform

Concen: 9.246 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_1

ClientSampleId :

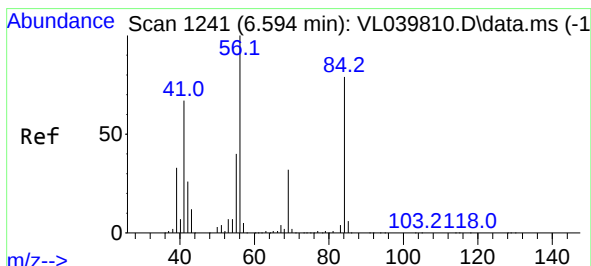
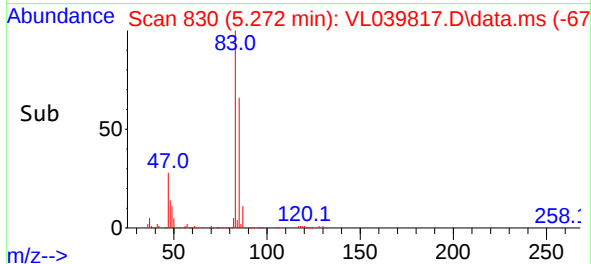
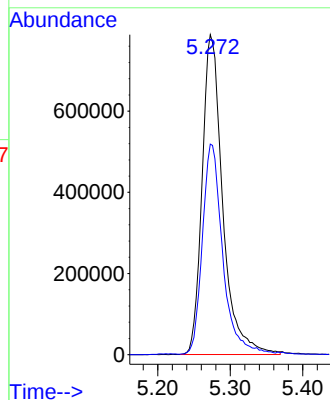
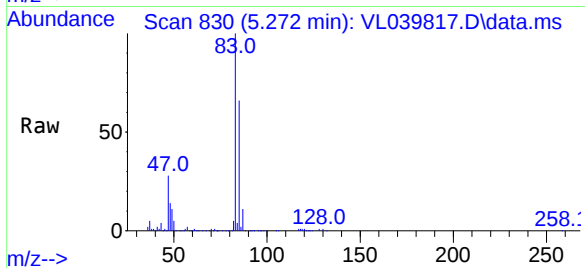
ICVVL110222

Tgt Ion: 83 Resp: 1554892

Ion Ratio Lower Upper

83 100

85 65.7 51.6 77.4



#30

Cyclohexane

Concen: 8.997 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

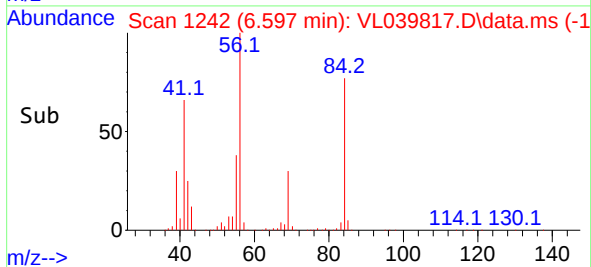
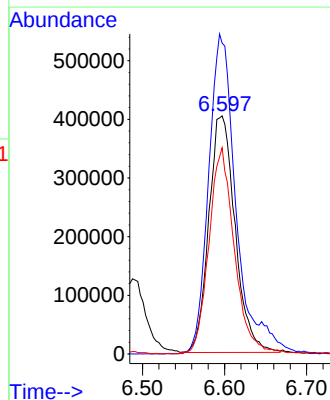
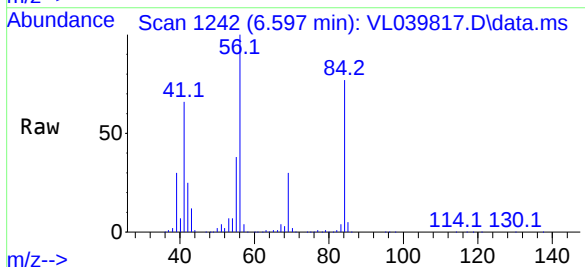
Tgt Ion: 84 Resp: 899791

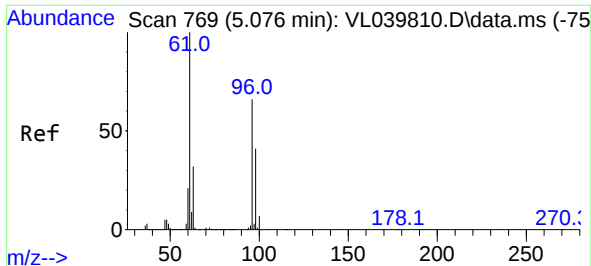
Ion Ratio Lower Upper

84 100

56 142.4 114.8 172.2

41 84.6 68.6 103.0

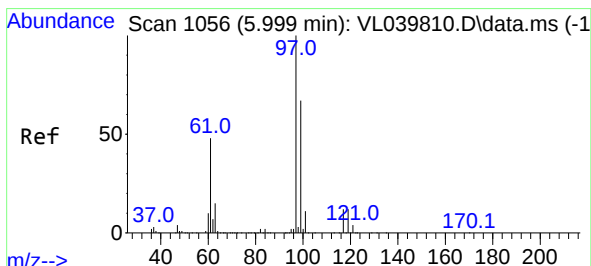
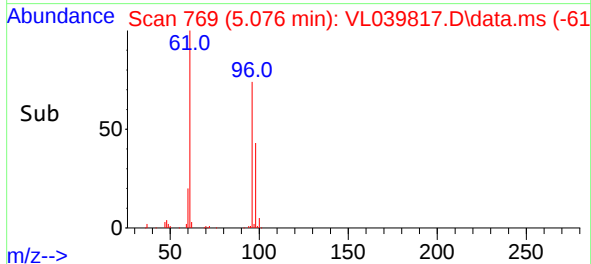
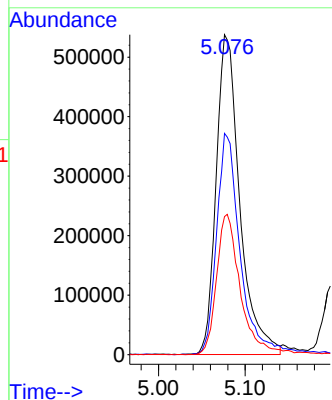
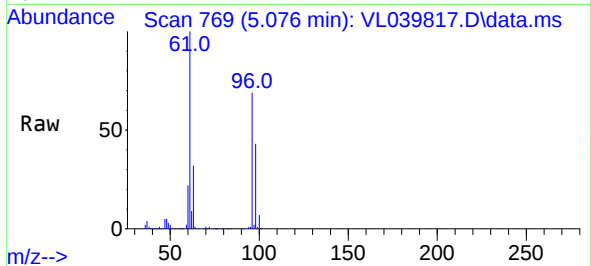




#31
cis-1,2-Dichloroethene
Concen: 9.337 ppbv
RT: 5.076 min Scan# 769
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

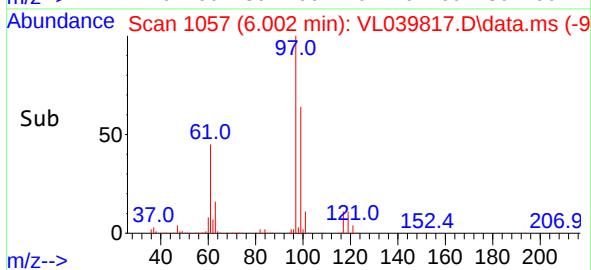
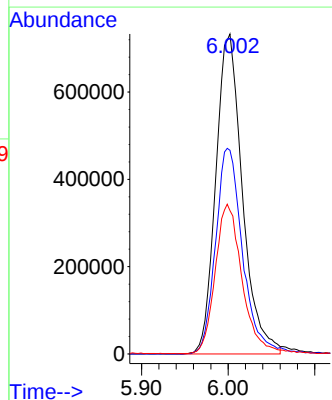
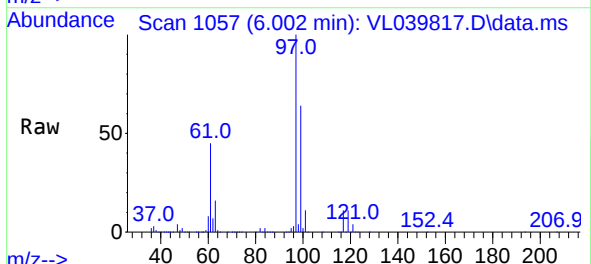
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

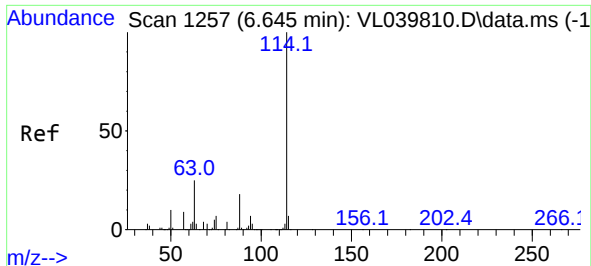
Tgt Ion: 61 Resp: 1018252
Ion Ratio Lower Upper
61 100
96 69.1 52.6 78.8
98 43.2 32.6 48.8



#32
1,1,1-Trichloroethane
Concen: 9.362 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 97 Resp: 1567352
Ion Ratio Lower Upper
97 100
99 65.8 52.7 79.1
61 47.7 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_1

ClientSampleId :

ICVVL110222

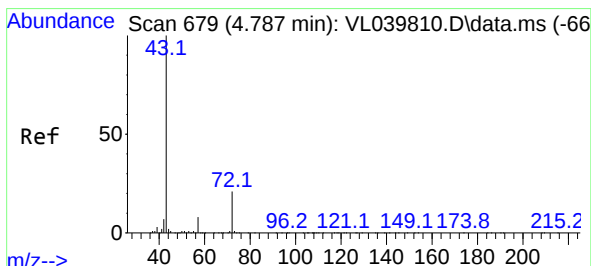
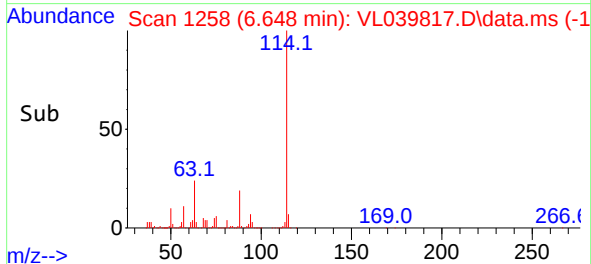
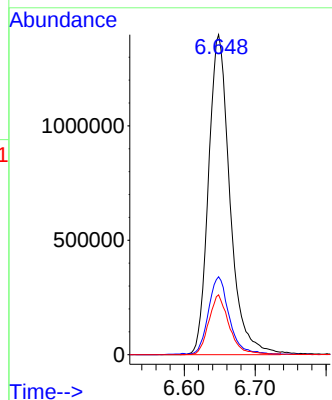
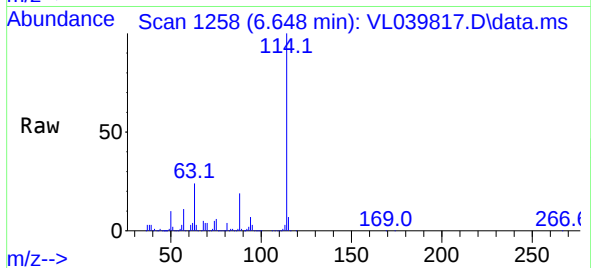
Tgt Ion:114 Resp: 2931541

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

88 18.0 14.4 21.6



#34

2-Butanone

Concen: 8.872 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL039817.D

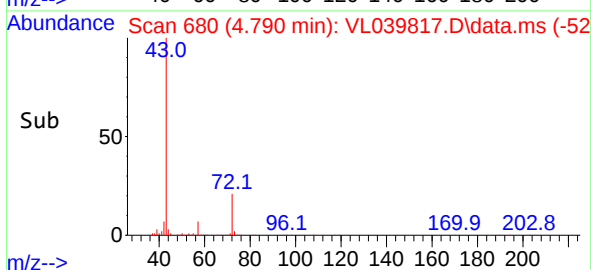
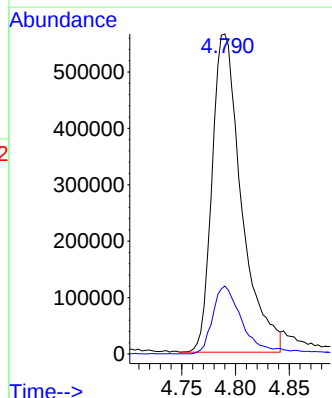
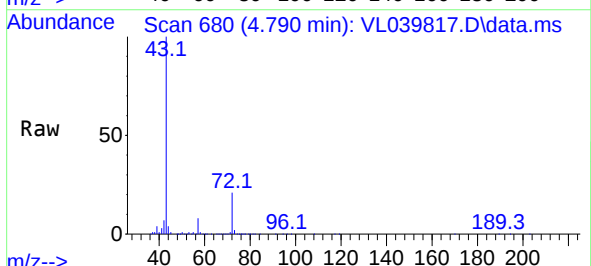
Acq: 2 Nov 2022 15:13

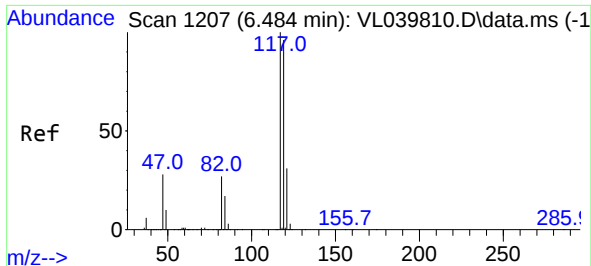
Tgt Ion: 43 Resp: 1072919

Ion Ratio Lower Upper

43 100

72 22.6 17.5 26.3

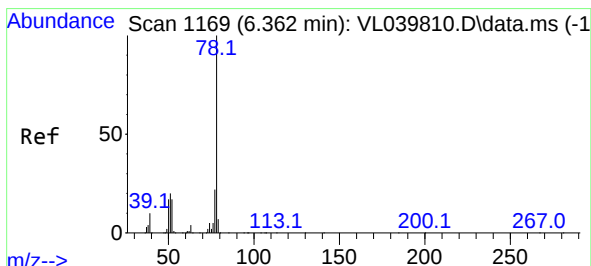
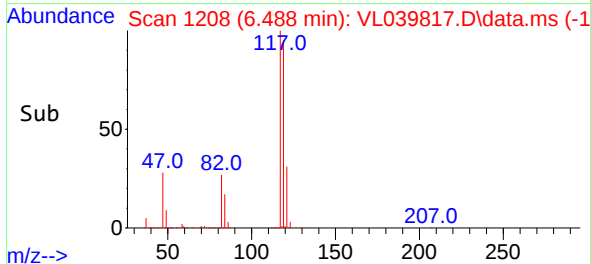
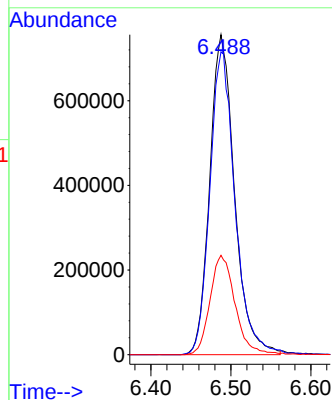
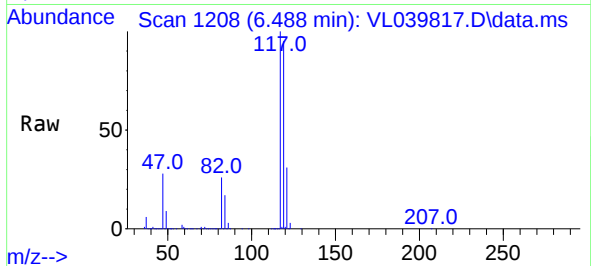




#35
Carbon Tetrachloride
Concen: 9.524 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

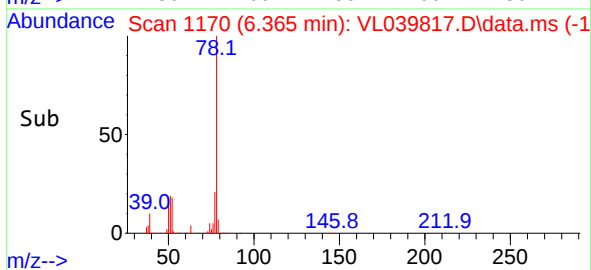
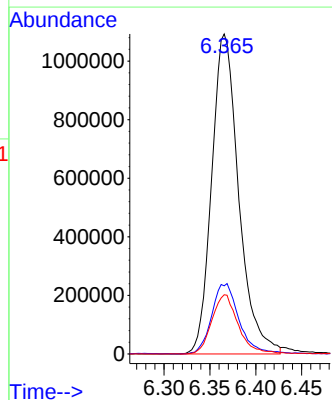
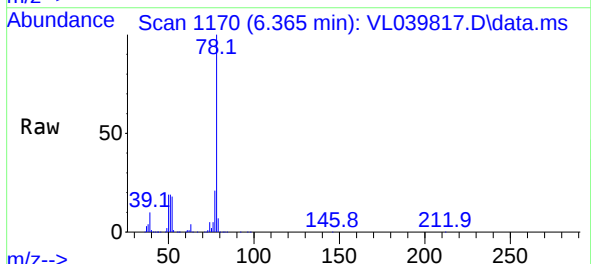
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110222

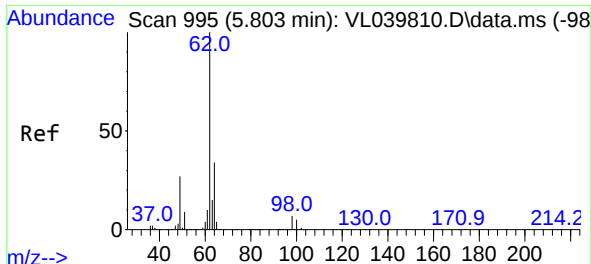
Tgt Ion:117 Resp: 1627427
Ion Ratio Lower Upper
117 100
119 94.7 76.5 114.7
121 31.1 25.2 37.8



#36
Benzene
Concen: 9.063 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 78 Resp: 2241051
Ion Ratio Lower Upper
78 100
77 21.3 17.4 26.2
50 18.5 13.9 20.9

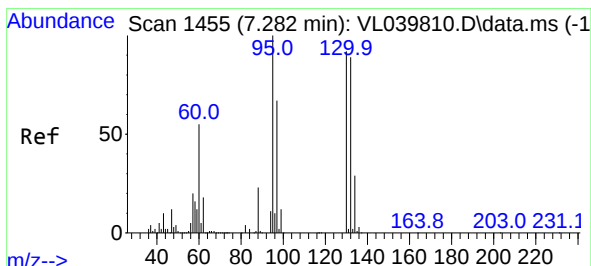
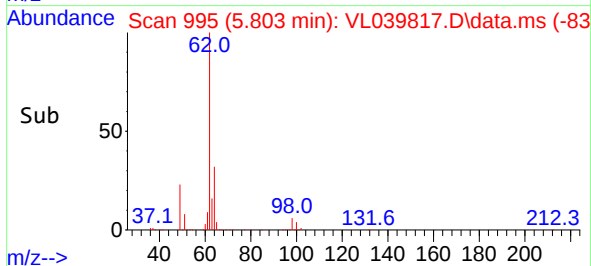
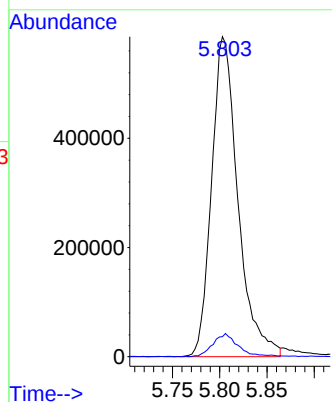
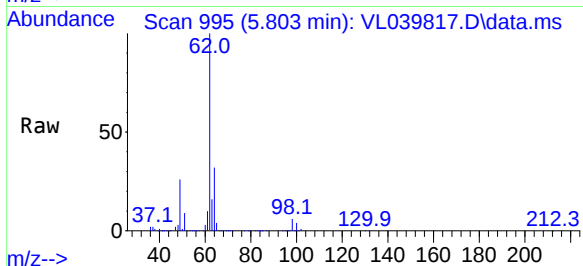




#37
1,2-Dichloroethane
Concen: 9.572 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

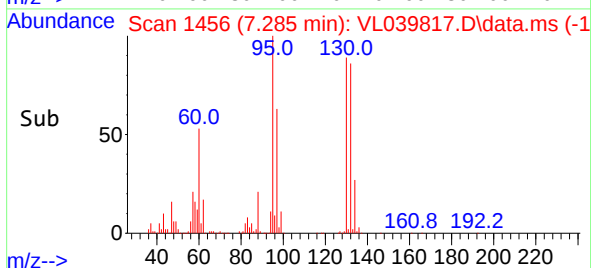
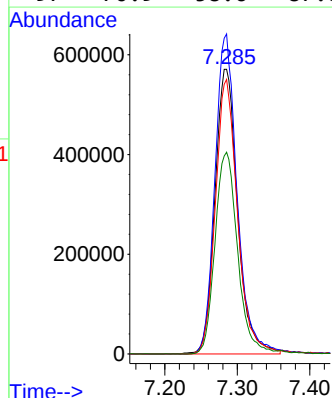
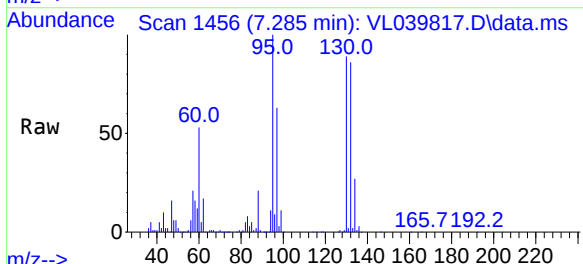
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

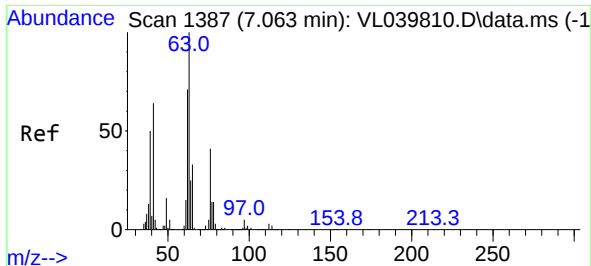
Tgt Ion: 62 Resp: 1135714
Ion Ratio Lower Upper
62 100
98 7.0 5.4 8.2



#38
Trichloroethene
Concen: 9.112 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:130 Resp: 1237905
Ion Ratio Lower Upper
130 100
95 112.4 87.4 131.2
132 96.5 77.7 116.5
97 70.9 58.6 87.8





#39

1,2-Dichloropropane

Concen: 9.038 ppbv

RT: 7.066 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110222

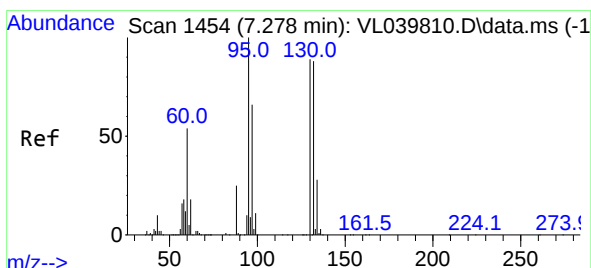
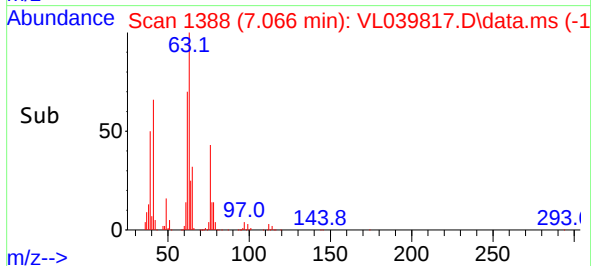
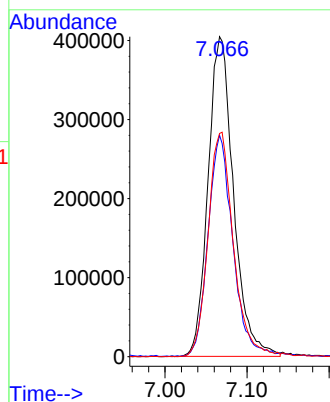
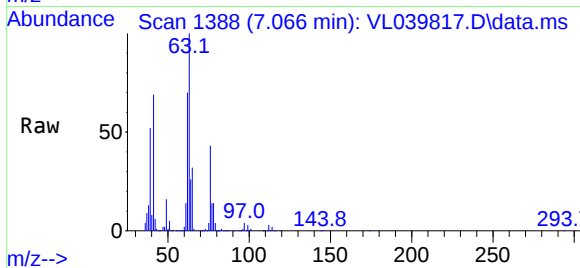
Tgt Ion: 63 Resp: 870821

Ion Ratio Lower Upper

63 100

41 69.2 51.0 76.4

62 69.8 56.6 85.0



#40

1,4-Dioxane

Concen: 9.046 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Tgt Ion: 88 Resp: 333766

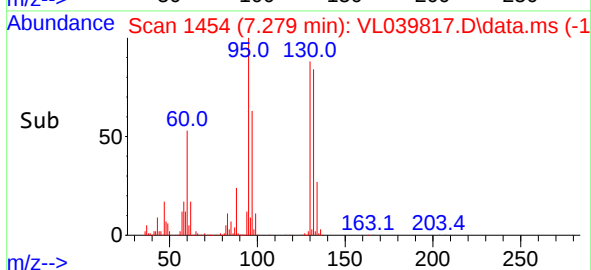
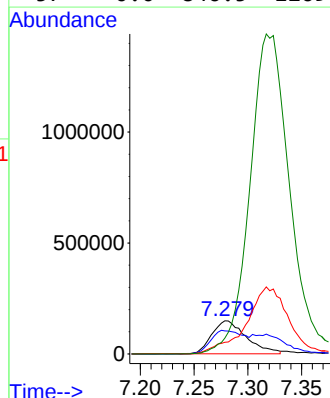
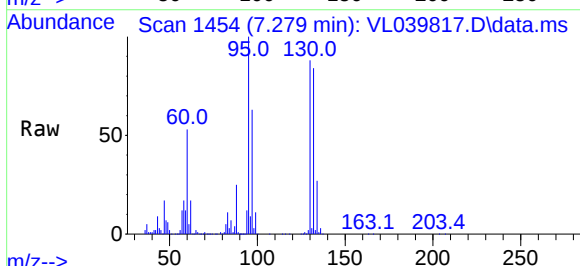
Ion Ratio Lower Upper

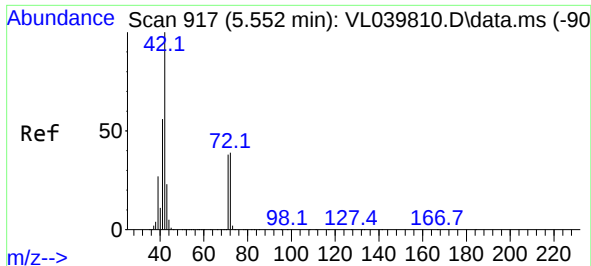
88 100

58 127.9 99.5 149.3

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#

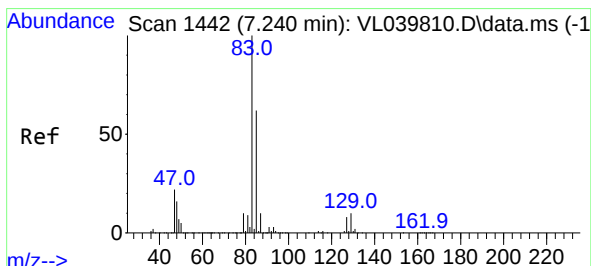
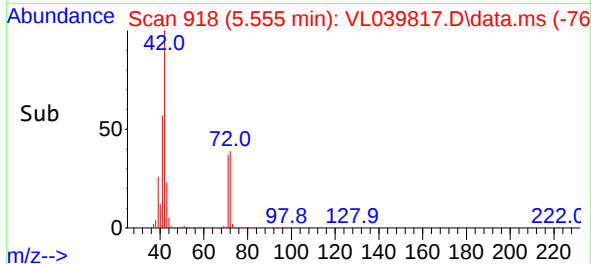
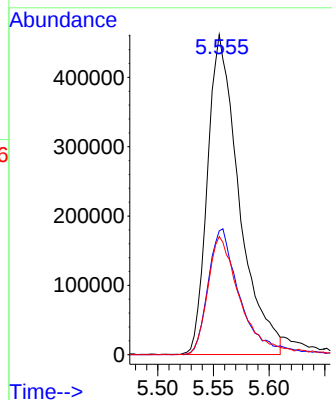
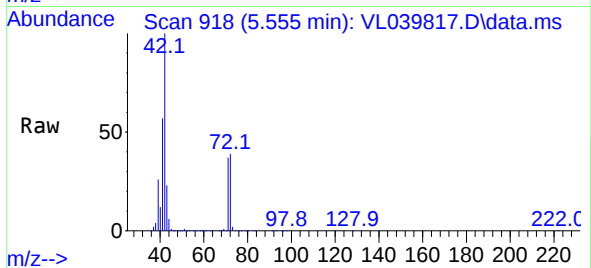




#41
Tetrahydrofuran
Concen: 9.013 ppbv
RT: 5.555 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

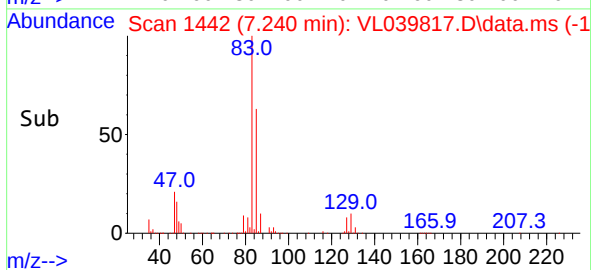
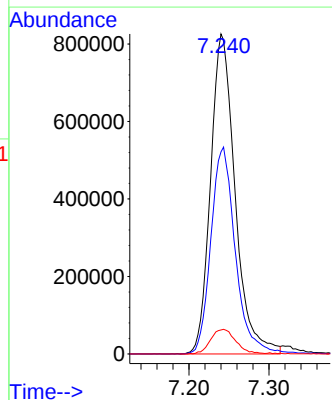
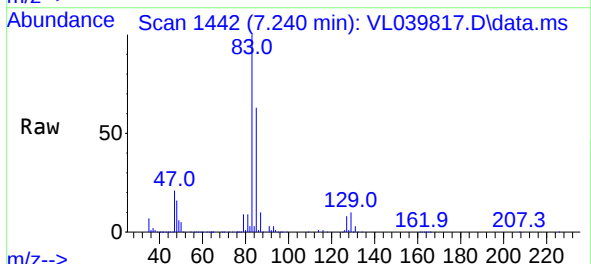
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

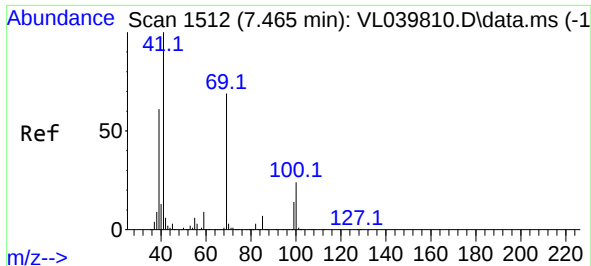
Tgt Ion: 42 Resp: 910953
Ion Ratio Lower Upper
42 100
72 40.4 31.4 47.2
71 39.3 31.5 47.3



#42
Bromodichloromethane
Concen: 9.289 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 83 Resp: 1760259
Ion Ratio Lower Upper
83 100
85 63.2 49.9 74.9
127 7.5 6.4 9.6

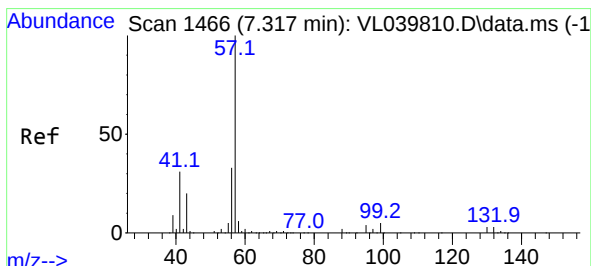
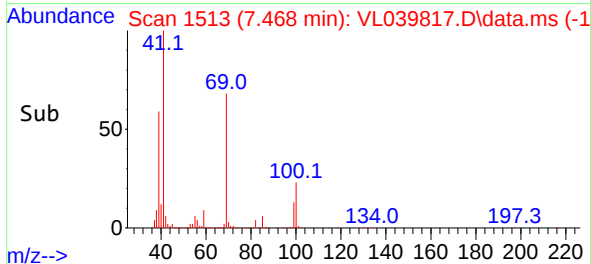
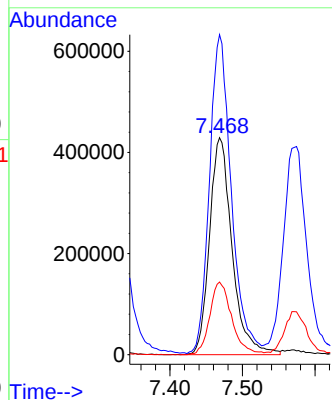
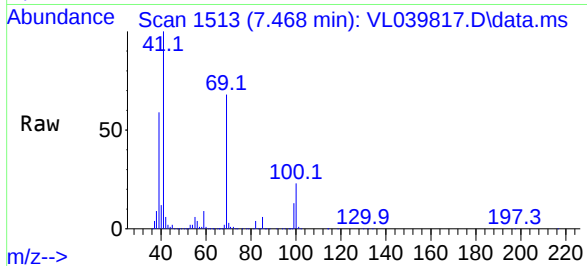




#43
Methyl Methacrylate
Concen: 9.490 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

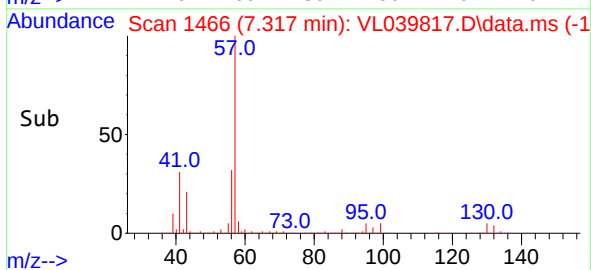
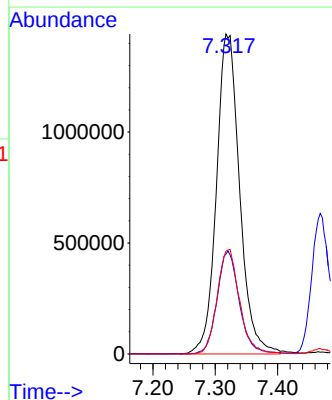
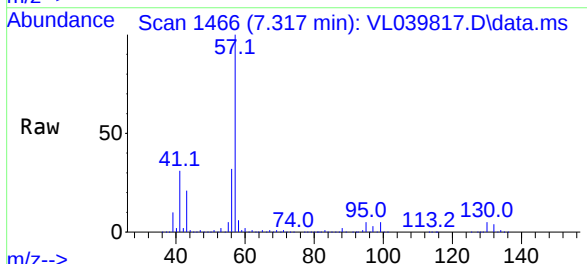
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110222

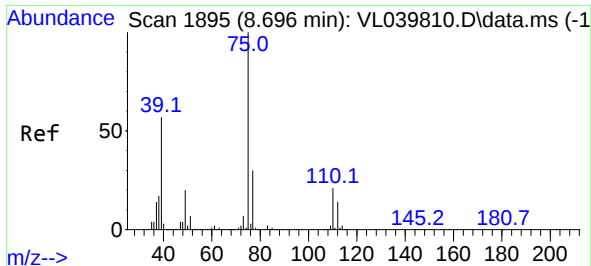
Tgt Ion: 69 Resp: 927413
Ion Ratio Lower Upper
69 100
41 143.1 115.7 173.5
100 32.6 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 8.923 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 57 Resp: 3724361
Ion Ratio Lower Upper
57 100
41 30.7 24.6 36.8
56 31.6 25.4 38.0

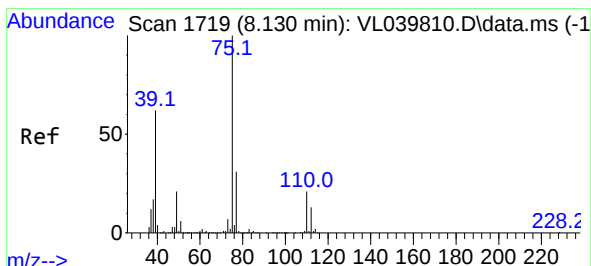
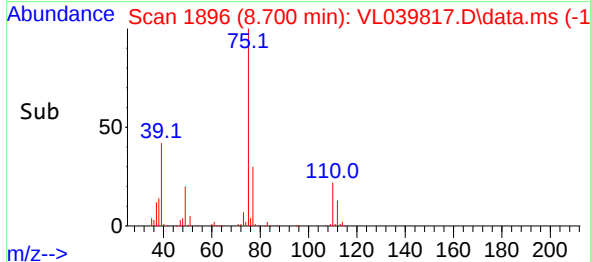
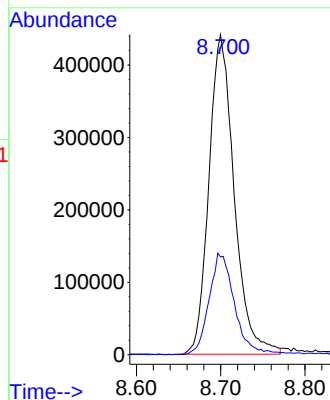
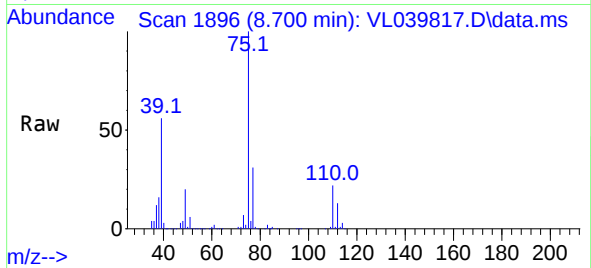




#45
 t-1,3-Dichloropropene
 Concen: 9.846 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

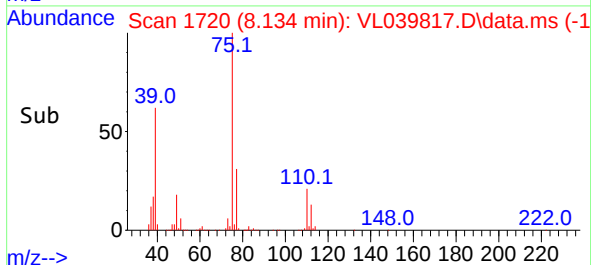
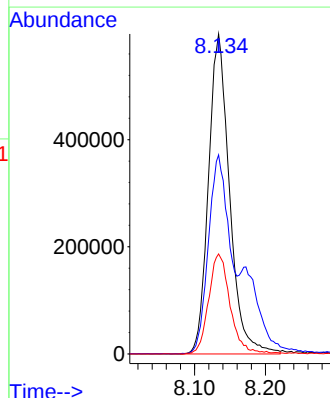
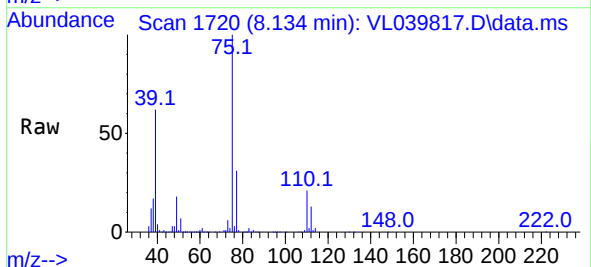
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110222

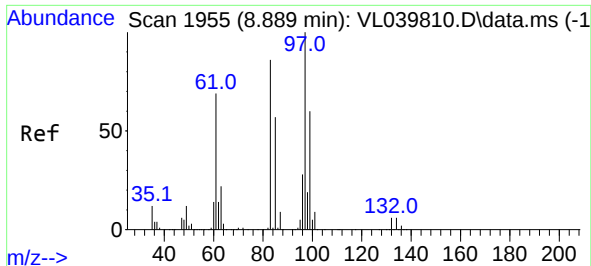
Tgt Ion: 75 Resp: 921757
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 9.652 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion: 75 Resp: 1233398
 Ion Ratio Lower Upper
 75 100
 39 62.2 50.0 75.0
 77 31.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.067 ppbv

RT: 8.890 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110222

Tgt Ion: 97 Resp: 884642

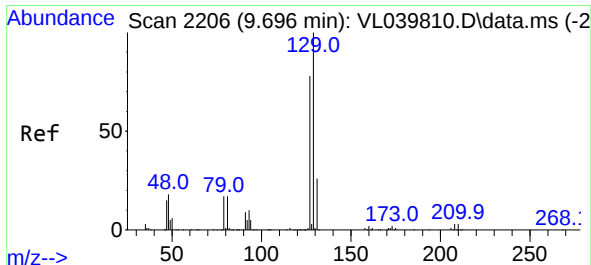
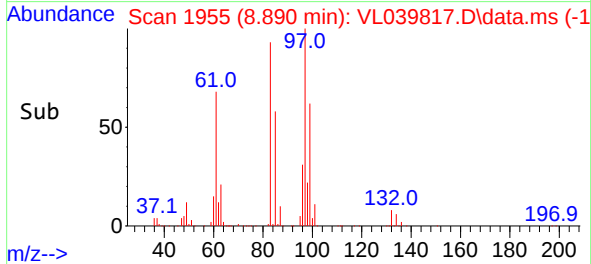
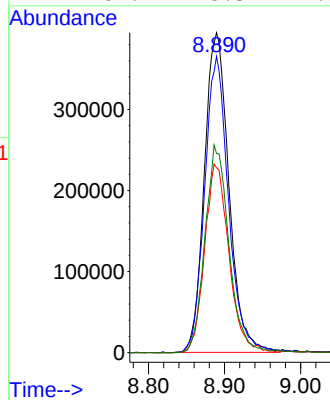
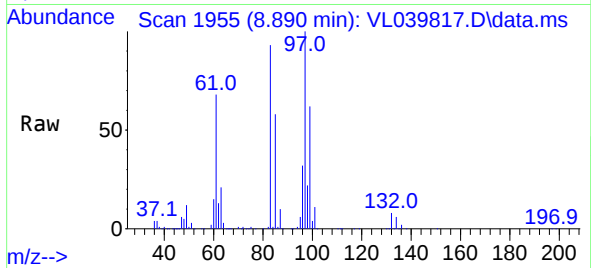
Ion Ratio Lower Upper

97 100

83 92.4 68.8 103.2

85 57.8 45.8 68.6

99 62.2 48.3 72.5



#48

Dibromochloromethane

Concen: 9.100 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. 0.000 min

Lab File: VL039817.D

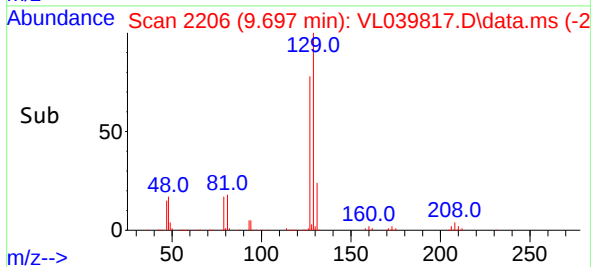
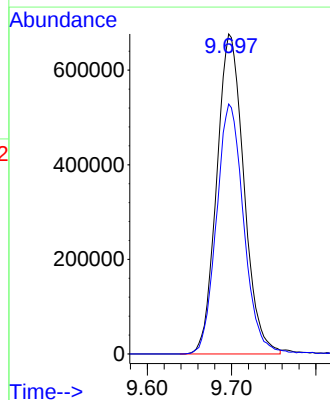
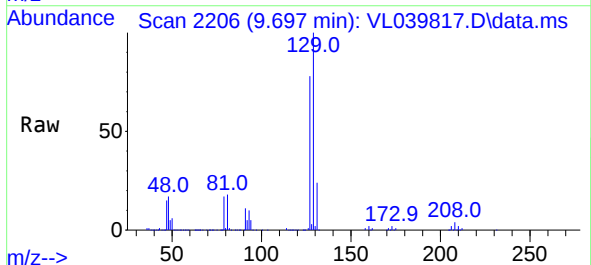
Acq: 2 Nov 2022 15:13

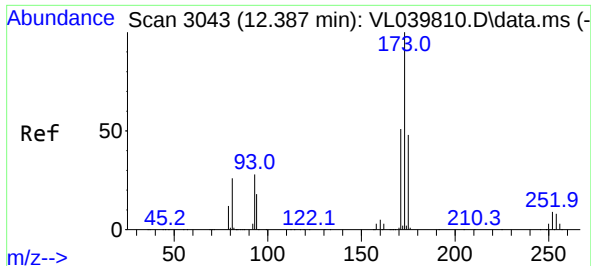
Tgt Ion: 129 Resp: 1512853

Ion Ratio Lower Upper

129 100

127 78.7 39.4 118.1

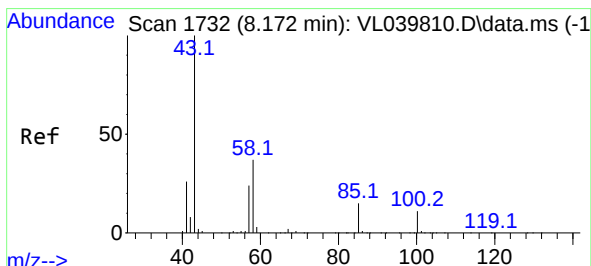
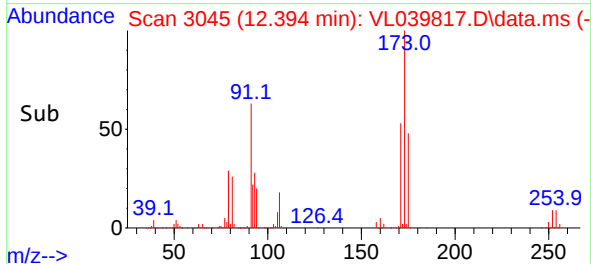
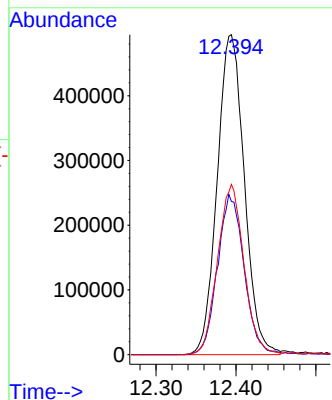
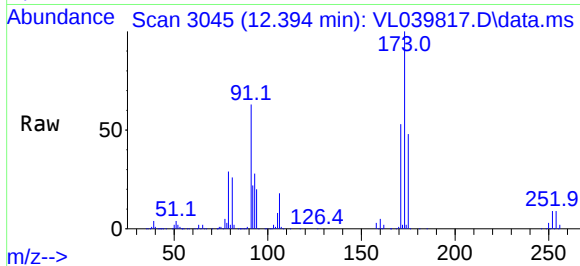




#49
Bromoform
Concen: 8.719 ppbv
RT: 12.394 min Scan# 3043
Delta R.T. 0.007 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

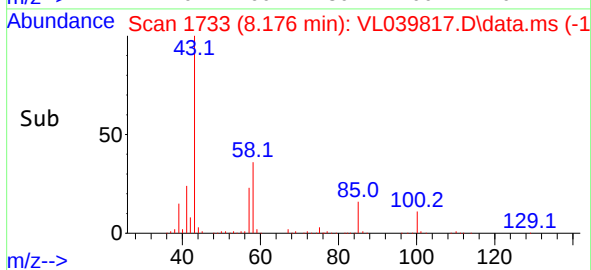
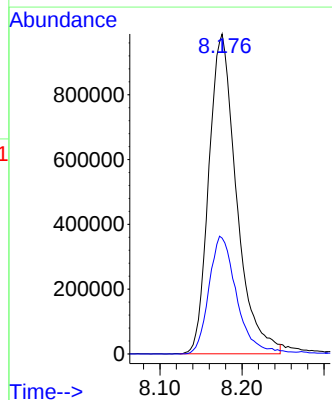
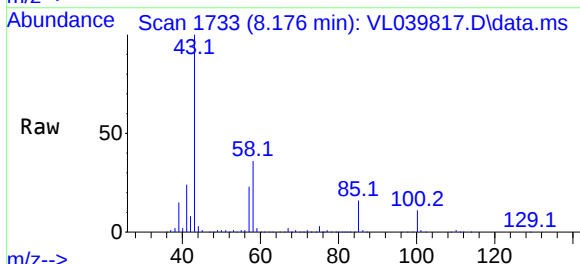
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110222

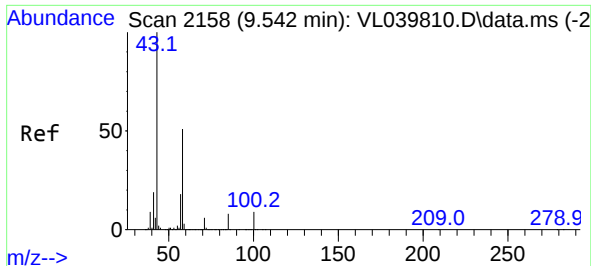
Tgt Ion:173 Resp: 1165076
Ion Ratio Lower Upper
173 100
175 49.5 39.7 59.5
171 52.2 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 9.327 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 43 Resp: 2309265
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6

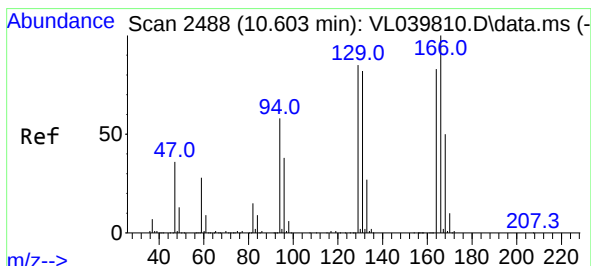
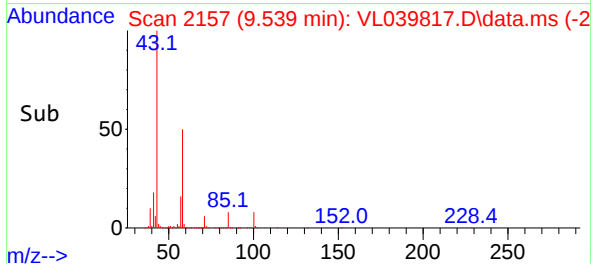
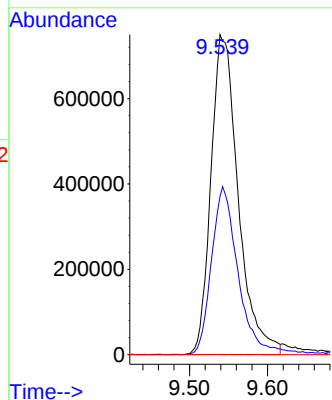
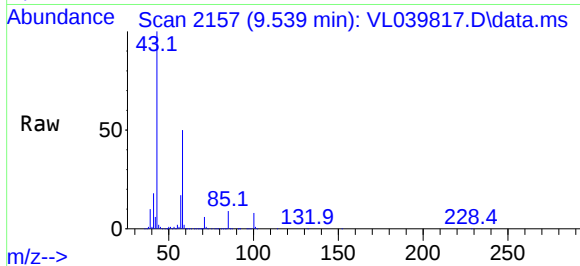




#51
2-Hexanone
Concen: 9.425 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

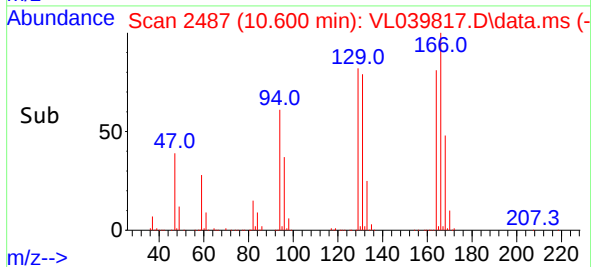
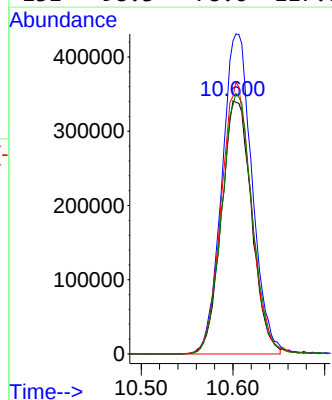
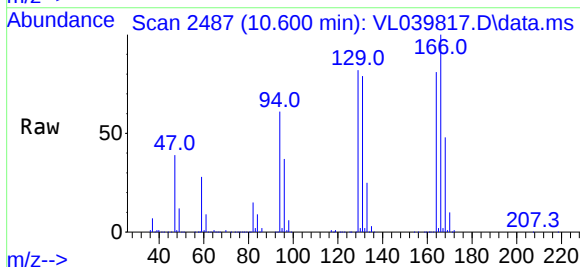
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

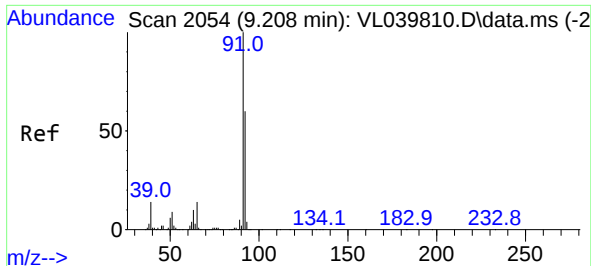
Tgt Ion: 43 Resp: 1819599
Ion Ratio Lower Upper
43 100
58 52.2 40.5 60.7
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.320 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:164 Resp: 776891
Ion Ratio Lower Upper
164 100
166 123.7 96.0 144.0
129 101.8 81.4 122.2
131 98.3 78.6 117.8

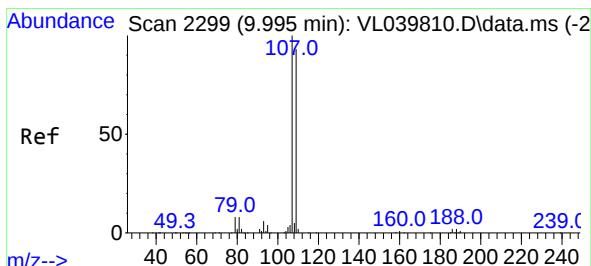
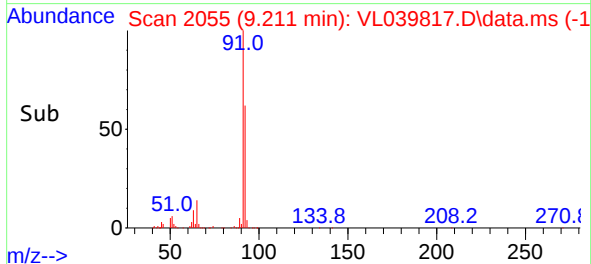
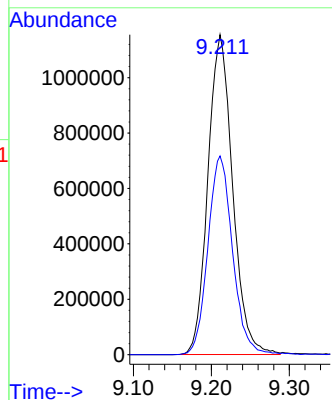
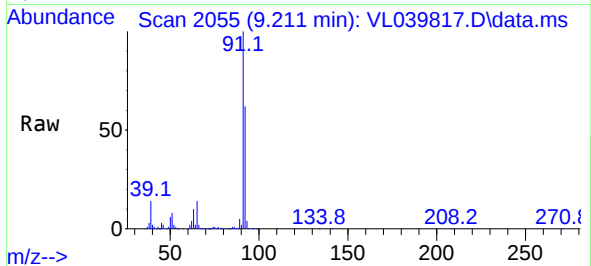




#53
Toluene
Concen: 8.983 ppbv
RT: 9.211 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

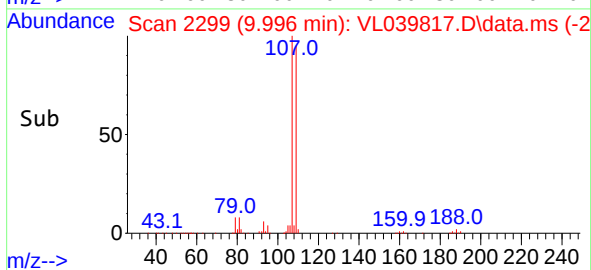
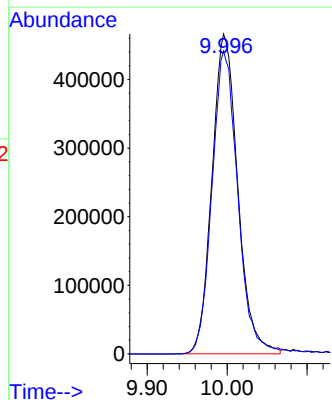
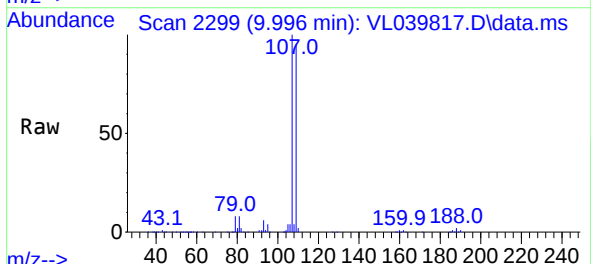
Instrument : MSVOA_L
ClientSampleId : ICVVL110222

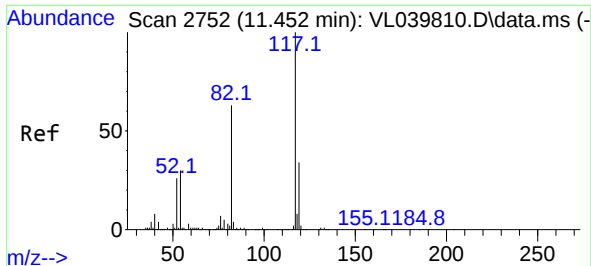
Tgt Ion: 91 Resp: 2548324
Ion Ratio Lower Upper
91 100
92 62.3 49.6 74.4



#54
1,2-Dibromoethane
Concen: 9.639 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 107 Resp: 1043656
Ion Ratio Lower Upper
107 100
109 94.7 74.5 111.7

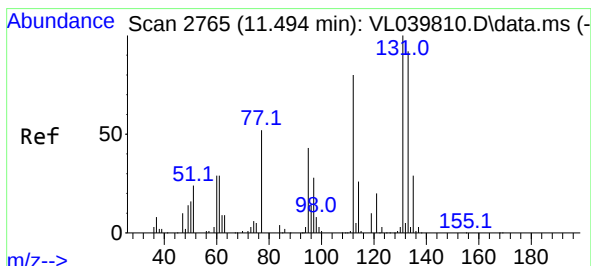
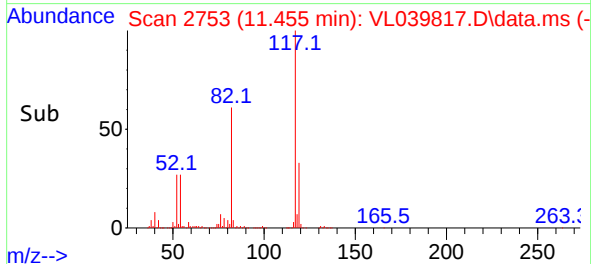
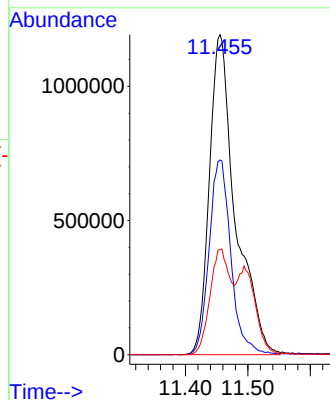
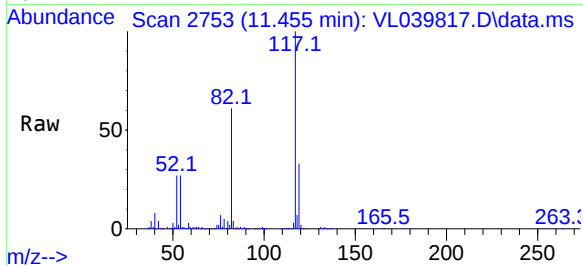




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

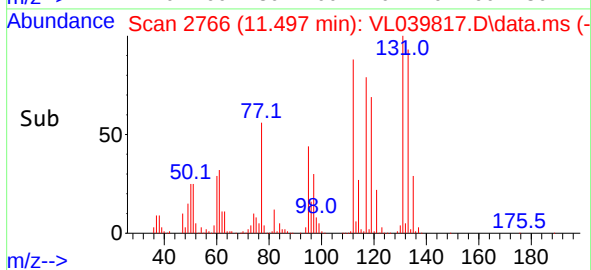
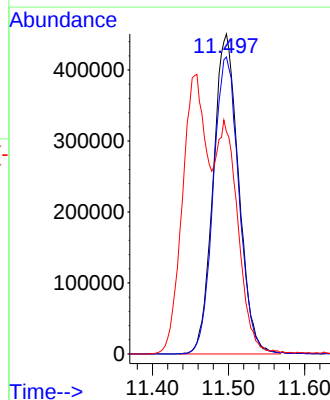
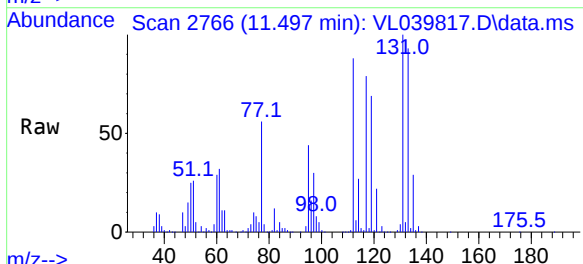
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

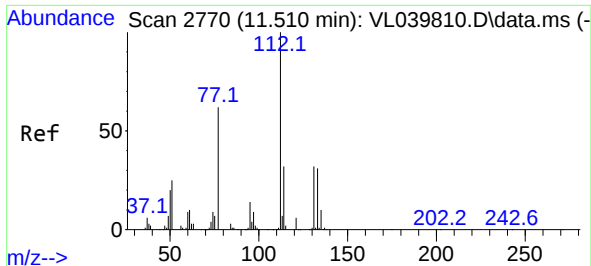
Tgt Ion:117 Resp: 3465297
Ion Ratio Lower Upper
117 100
82 50.9 51.0 76.6#
119 26.1 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.072 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:131 Resp: 1047760
Ion Ratio Lower Upper
131 100
133 94.0 76.9 115.3
119 64.7 52.2 78.2

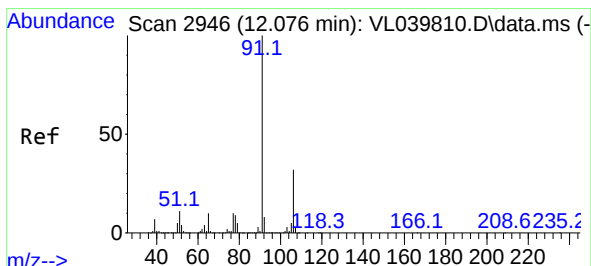
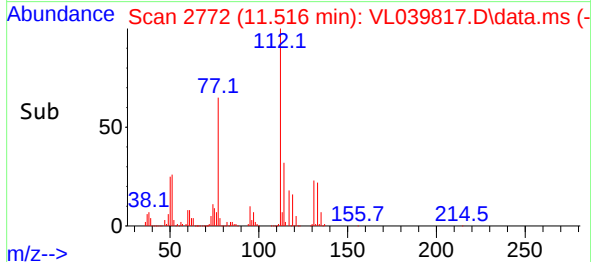
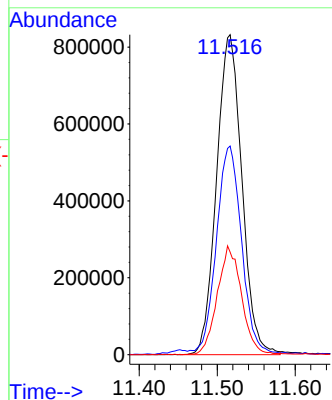
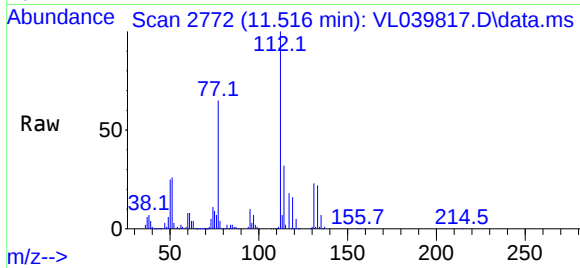




#57
Chlorobenzene
Concen: 7.155 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

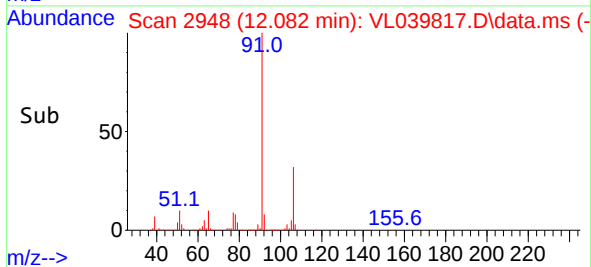
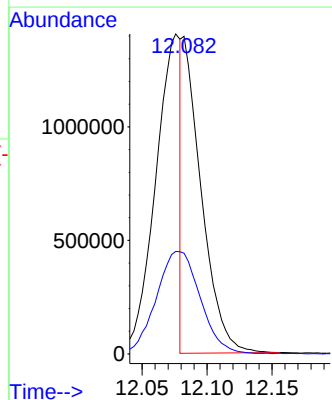
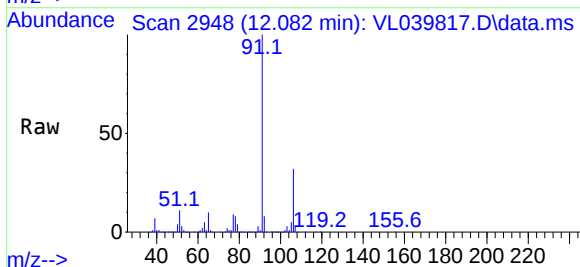
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

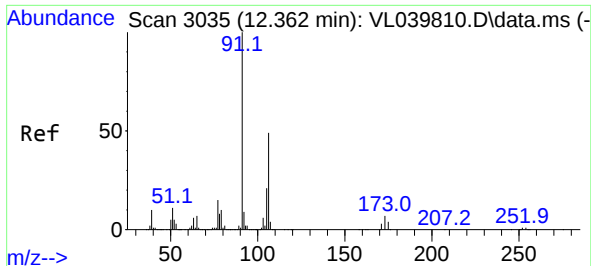
Tgt Ion:112 Resp: 1880728
Ion Ratio Lower Upper
112 100
77 64.7 49.8 74.6
114 32.0 29.0 35.4



#58
Ethyl Benzene
Concen: 3.030 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.007 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 91 Resp: 1419614
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9





#59

m/p-Xylene

Concen: 5.078 ppbv

RT: 12.365 min Scan# 3035

Delta R.T. 0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

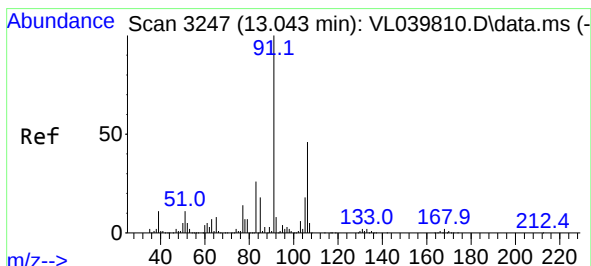
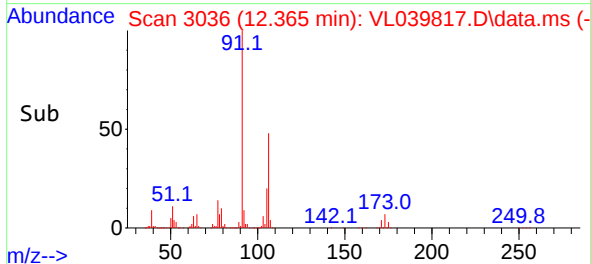
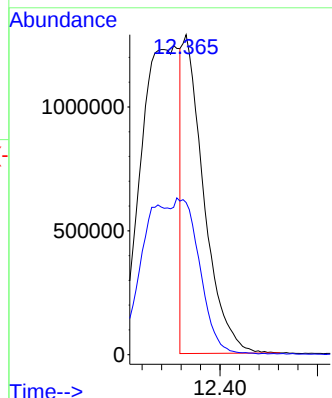
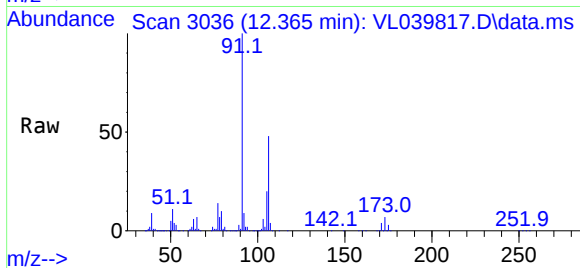
ICVVL110222

Tgt Ion: 91 Resp: 1986177

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 6.966 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.003 min

Lab File: VL039817.D

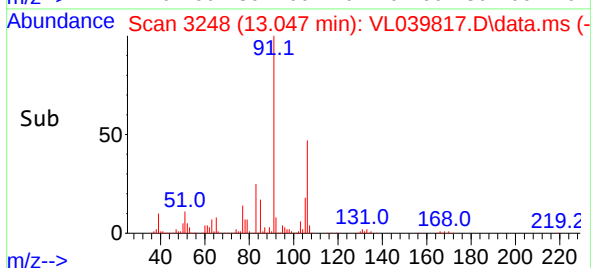
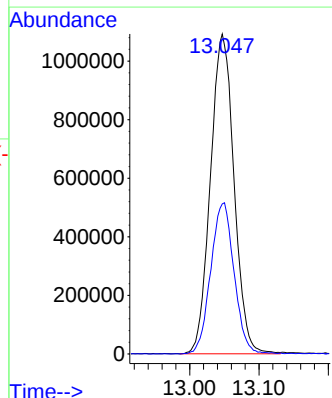
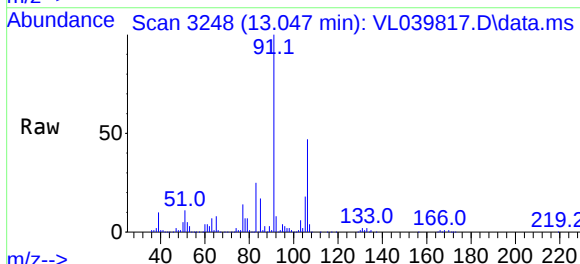
Acq: 2 Nov 2022 15:13

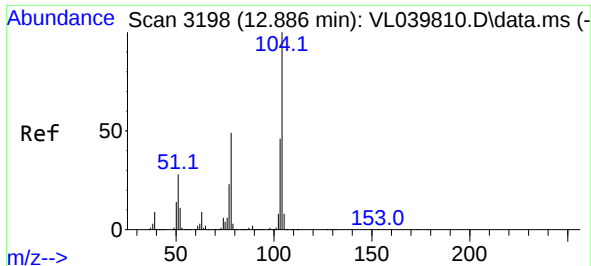
Tgt Ion: 91 Resp: 2581146

Ion Ratio Lower Upper

91 100

106 47.0 23.6 70.8

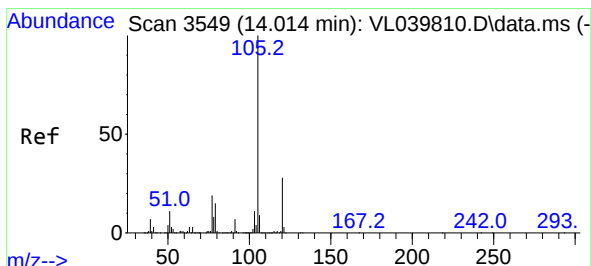
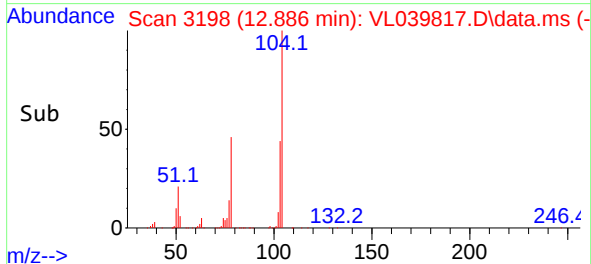
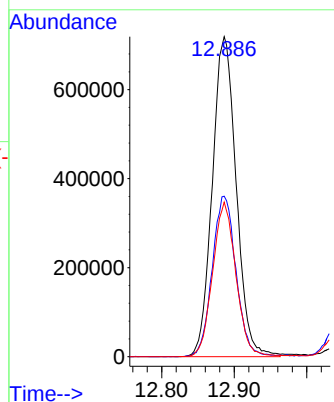
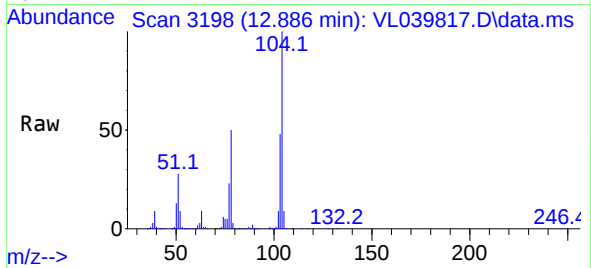




#61
Styrene
Concen: 7.212 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

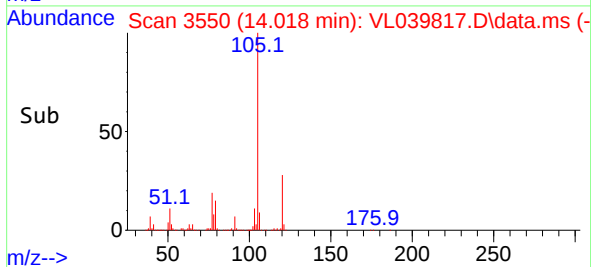
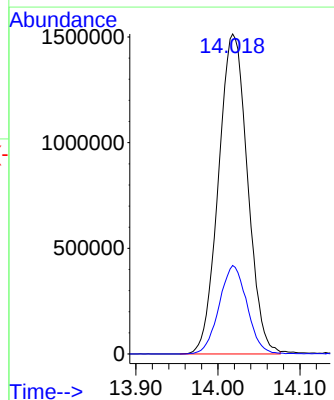
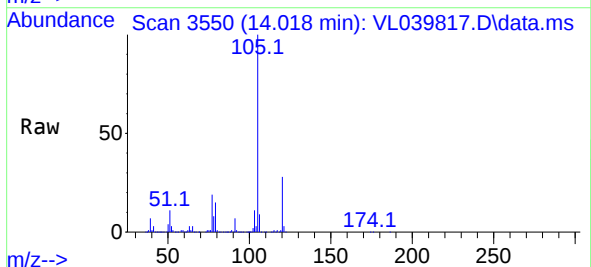
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

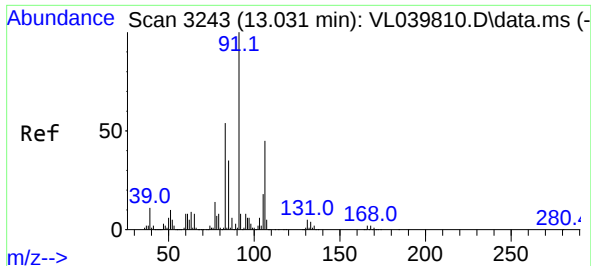
Tgt Ion:104 Resp: 1644515
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 47.2 37.5 56.3



#62
Isopropylbenzene
Concen: 6.900 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:105 Resp: 3729512
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5

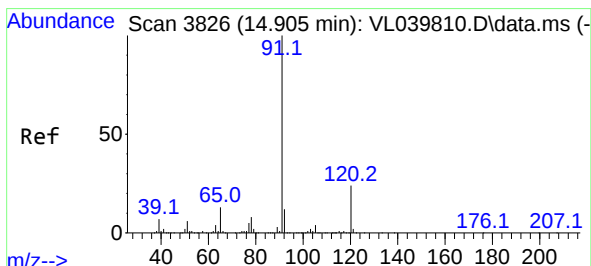
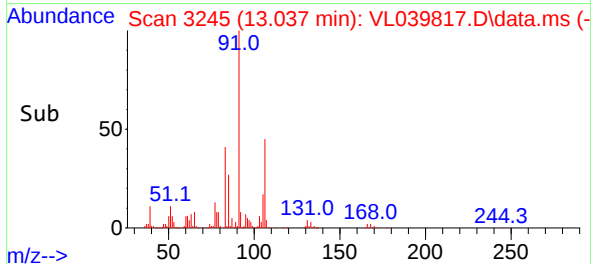
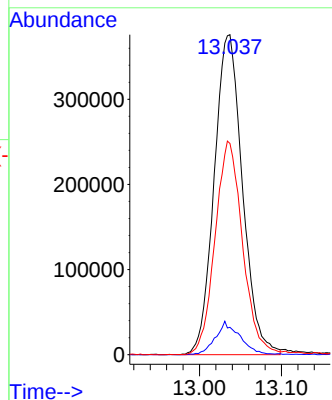
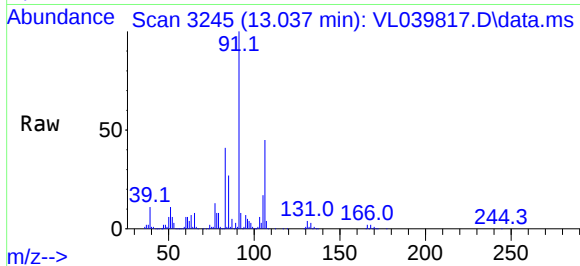




#63
1,1,2,2-Tetrachloroethane
Concen: 6.539 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

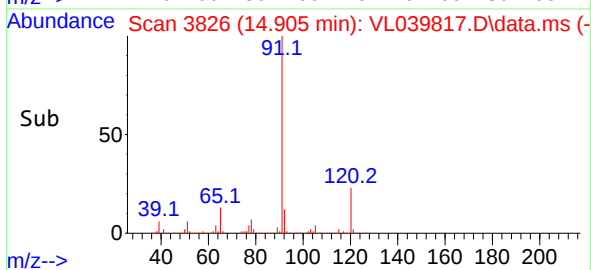
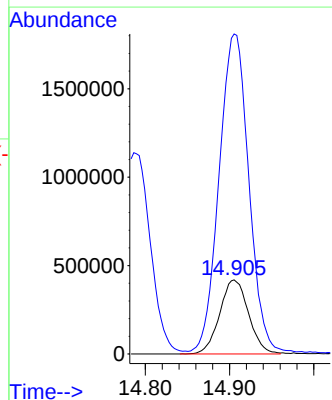
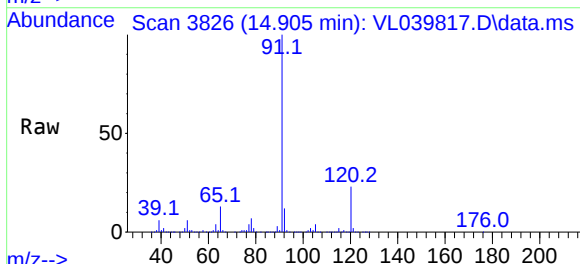
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

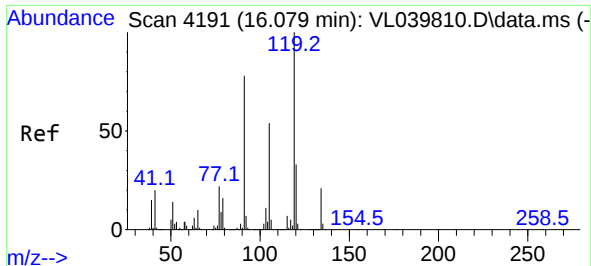
Tgt Ion: 83 Resp: 902263
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 66.3 33.3 99.9



#64
n-propylbenzene
Concen: 6.891 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:120 Resp: 996363
Ion Ratio Lower Upper
120 100
91 449.3 354.9 532.3

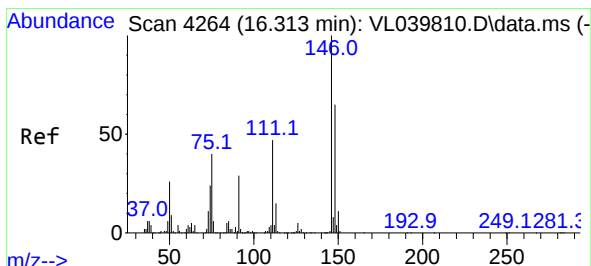
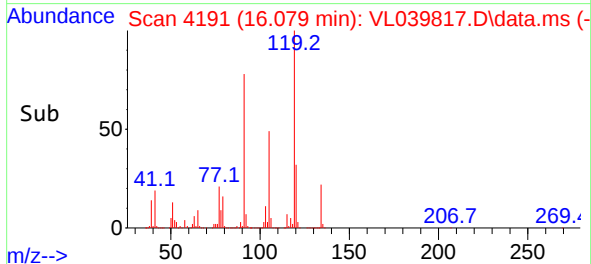
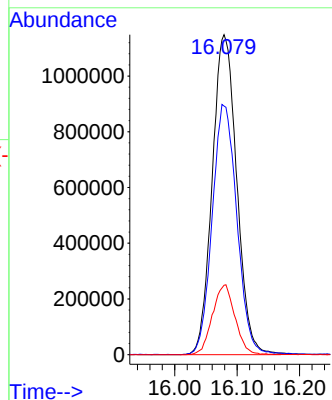
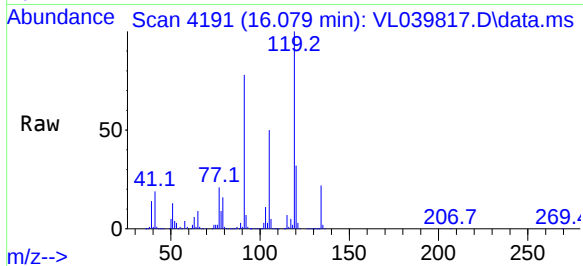




#65
tert-Butylbenzene
Concen: 6.598 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

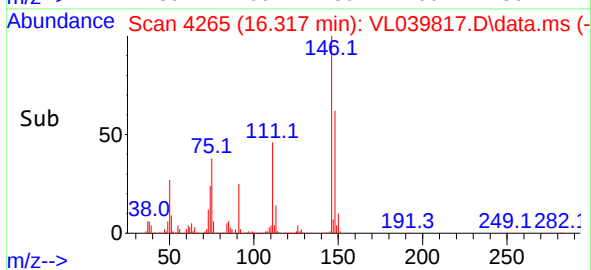
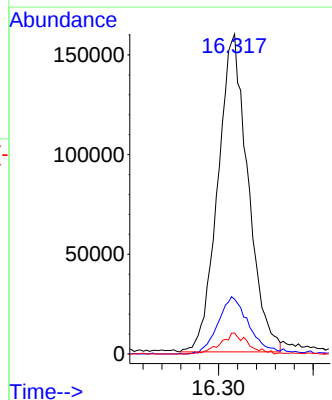
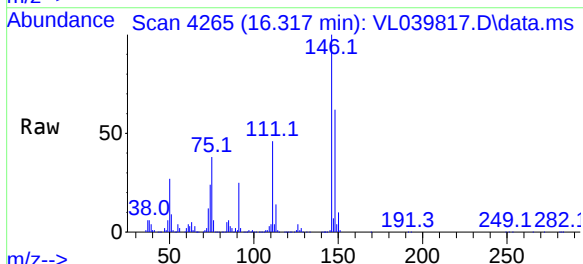
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110222

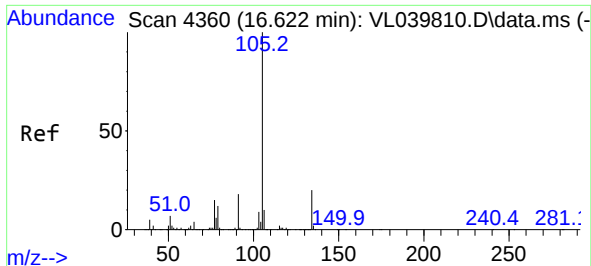
Tgt Ion:119 Resp: 3131534
Ion Ratio Lower Upper
119 100
91 78.7 63.7 95.5
134 20.2 16.2 24.4



#66
Benzyl Chloride
Concen: 6.405 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 91 Resp: 353430
Ion Ratio Lower Upper
91 100
126 18.8 15.6 23.4
128 6.1 4.9 7.3

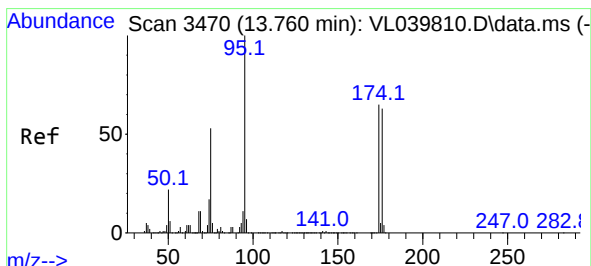
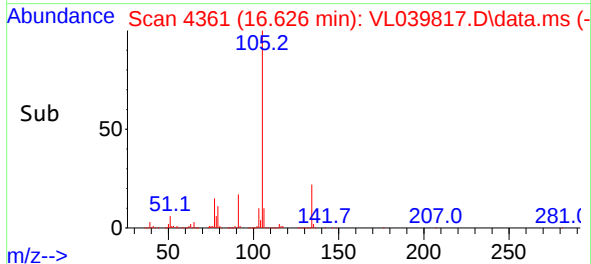
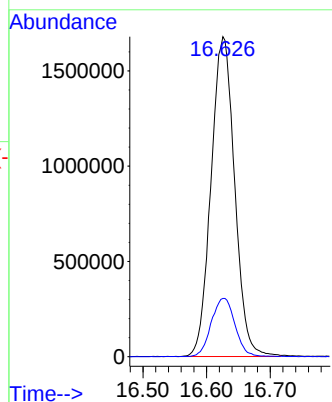
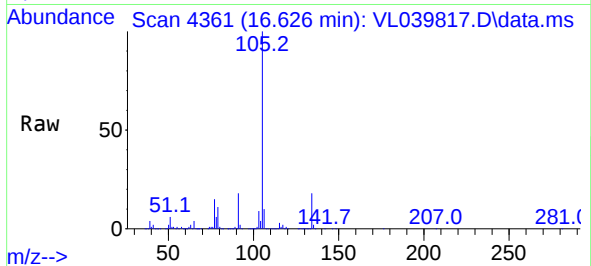




#67
 sec-Butylbenzene
 Concen: 6.686 ppbv
 RT: 16.626 min Scan# 4360
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

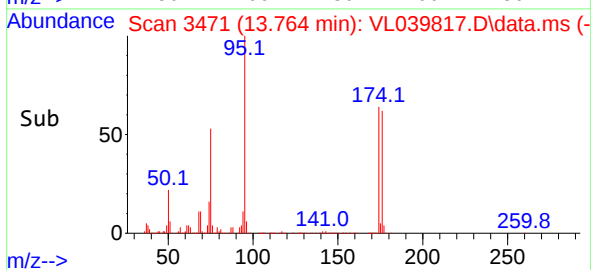
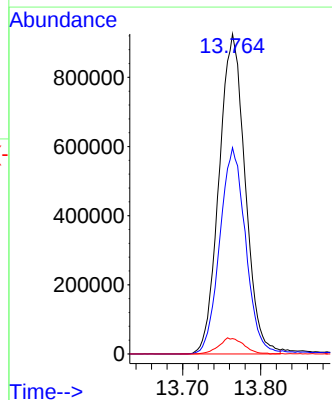
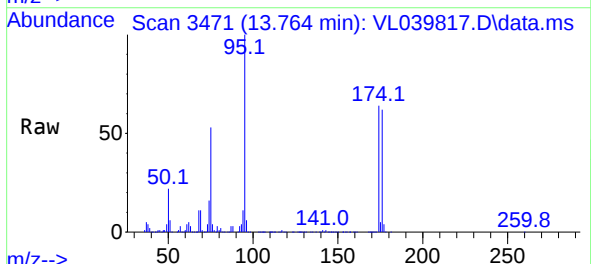
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110222

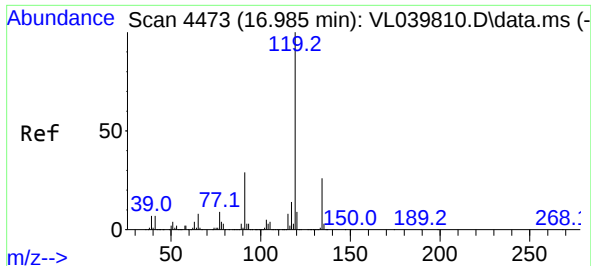
Tgt Ion:105 Resp: 4319136
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.292 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.003 min
 Lab File: VL039817.D
 Acq: 2 Nov 2022 15:13

Tgt Ion: 95 Resp: 2150854
 Ion Ratio Lower Upper
 95 100
 174 65.0 53.4 80.0
 175 4.9 4.1 6.1

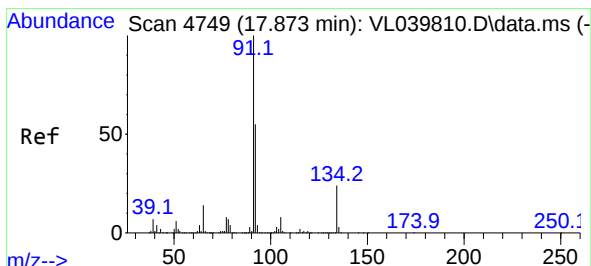
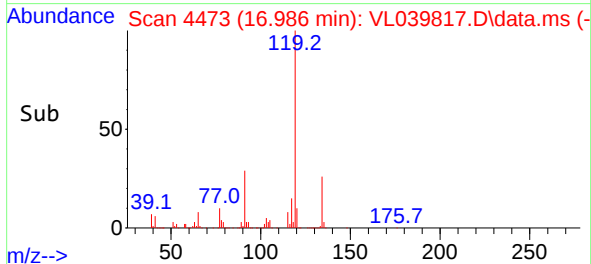
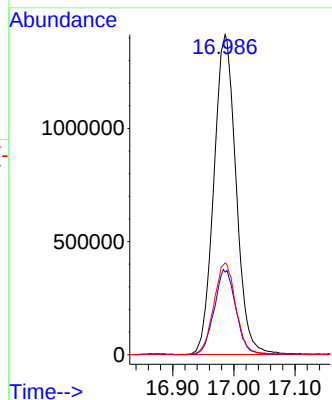
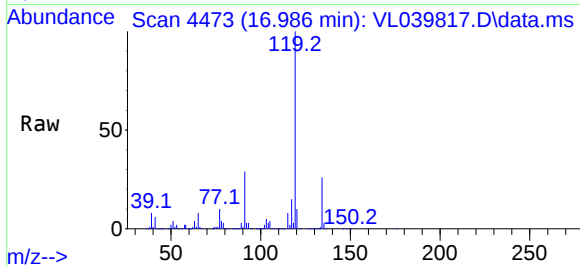




#69
p-Isopropyltoluene
Concen: 6.642 ppbv
RT: 16.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

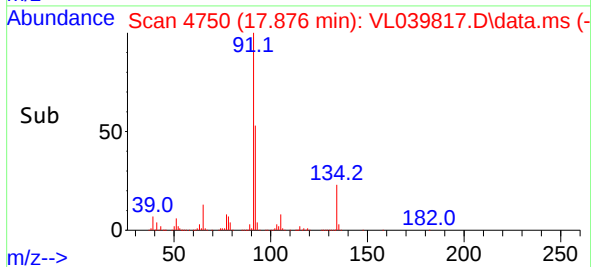
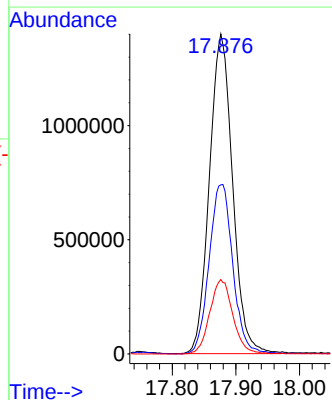
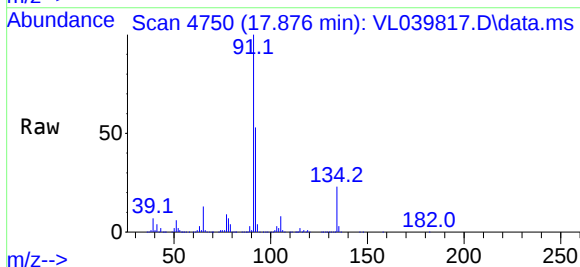
Instrument :
MSVOA_1
ClientSampleId :
ICVVL110222

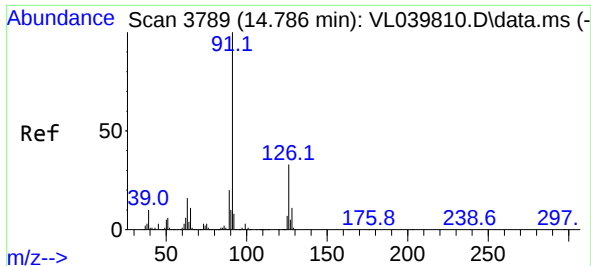
Tgt Ion:119 Resp: 3559191
Ion Ratio Lower Upper
119 100
134 26.1 21.0 31.6
91 28.4 22.8 34.2



#70
n-Butylbenzene
Concen: 6.837 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion: 91 Resp: 3541985
Ion Ratio Lower Upper
91 100
92 54.3 44.1 66.1
134 23.2 19.0 28.6

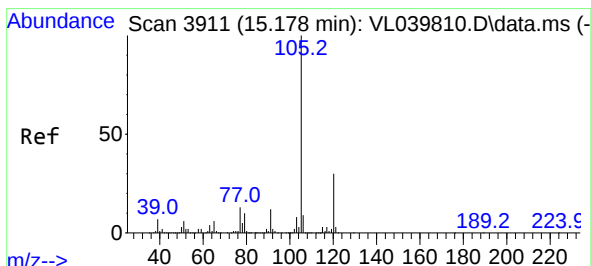
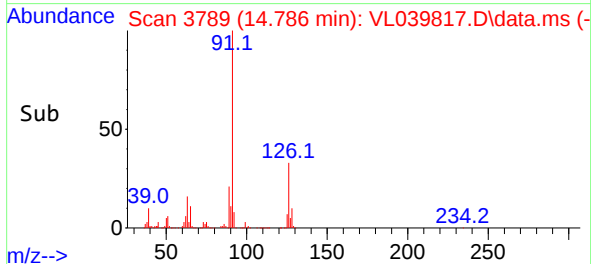
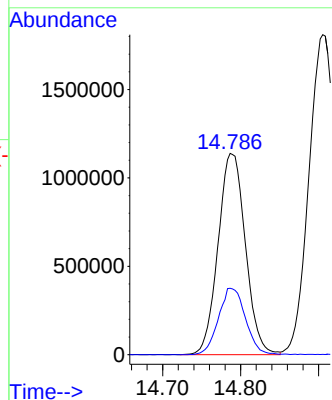
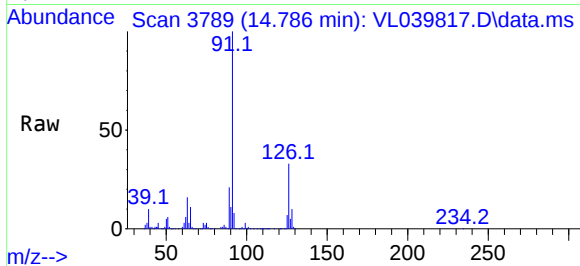




#71
2-Chlorotoluene
Concen: 6.822 ppbv
RT: 14.786 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

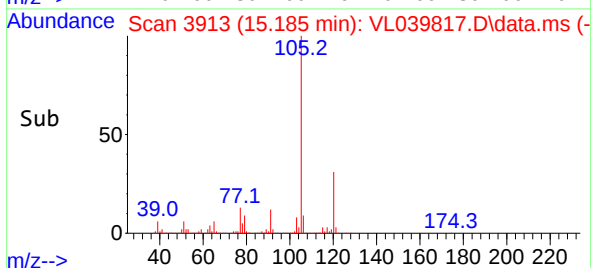
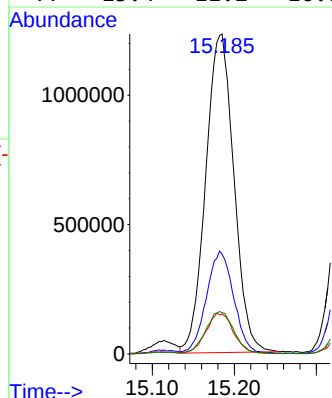
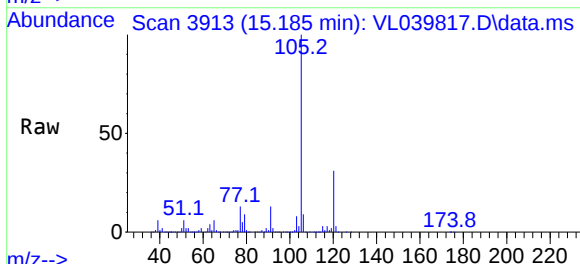
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

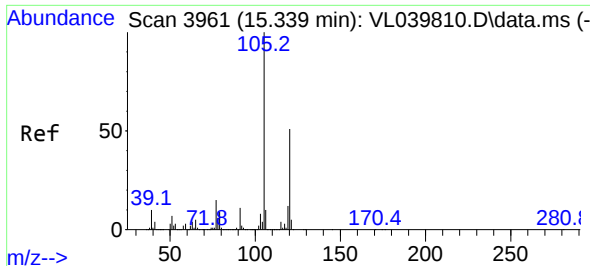
Tgt Ion: 91 Resp: 2770651
Ion Ratio Lower Upper
91 100
126 32.8 12.9 51.5



#72
4-Ethyltoluene
Concen: 7.049 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.007 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:105 Resp: 2941093
Ion Ratio Lower Upper
105 100
120 31.7 26.0 39.0
91 12.3 10.5 15.7
77 13.4 11.2 16.8

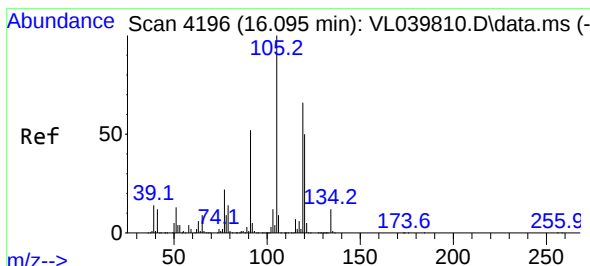
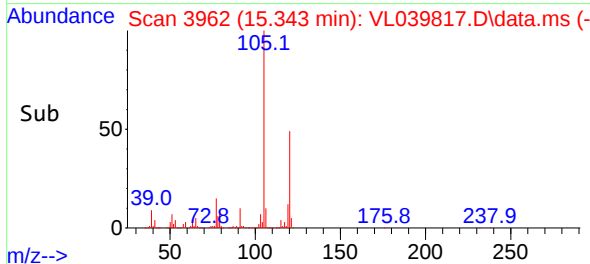
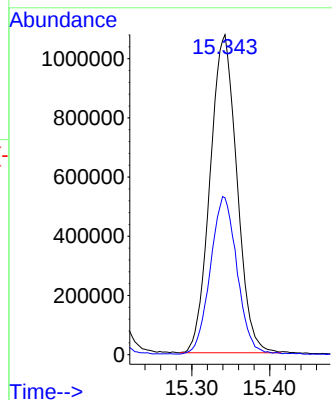
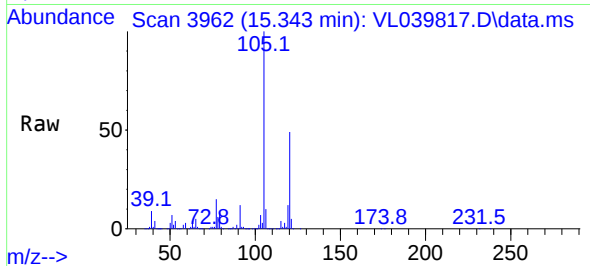




#73
1,3,5-Trimethylbenzene
Concen: 6.950 ppbv
RT: 15.343 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

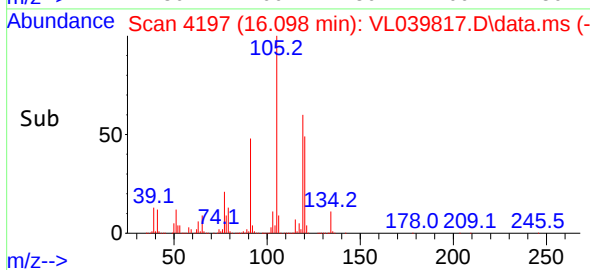
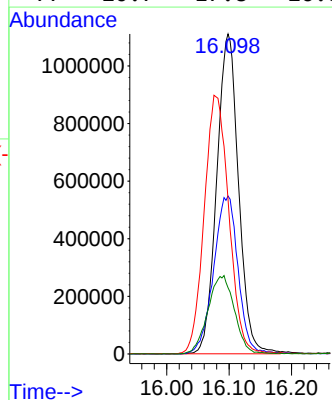
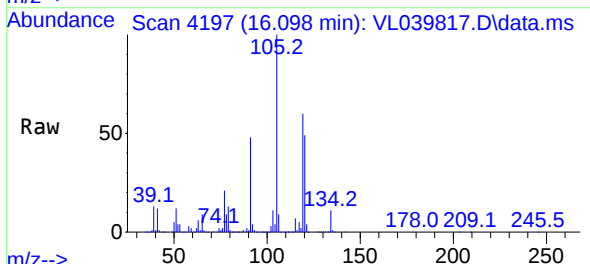
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

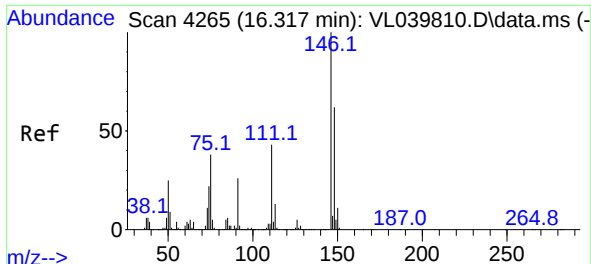
Tgt Ion:105 Resp: 2570736
Ion Ratio Lower Upper
105 100
120 49.1 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 6.864 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:105 Resp: 2697635
Ion Ratio Lower Upper
105 100
120 49.3 40.2 60.4
91 48.0 42.6 64.0
77 20.7 17.8 26.8

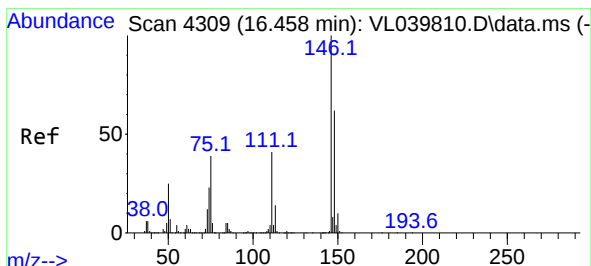
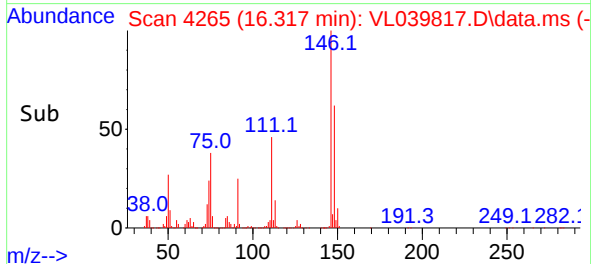
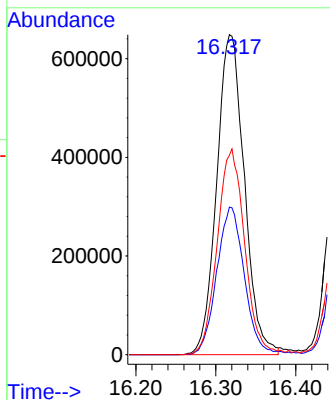
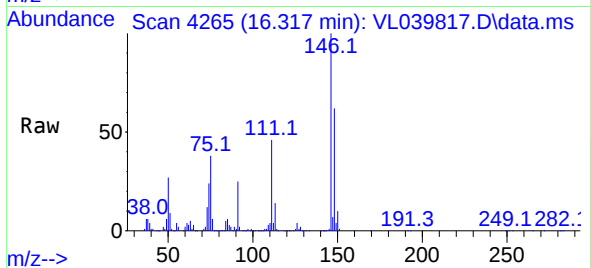




#75
1,3-Dichlorobenzene
Concen: 6.779 ppbv
RT: 16.317 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

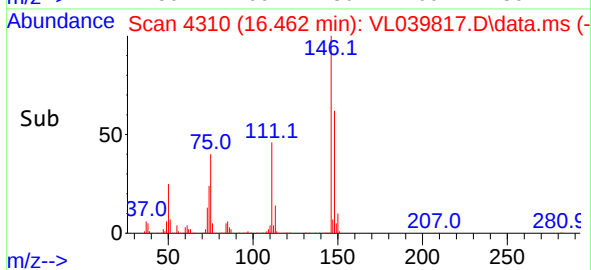
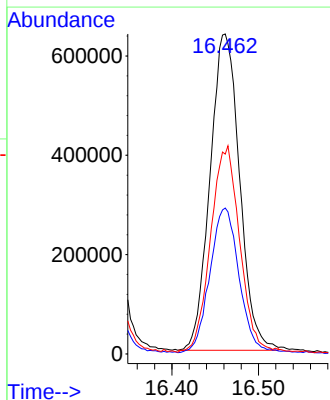
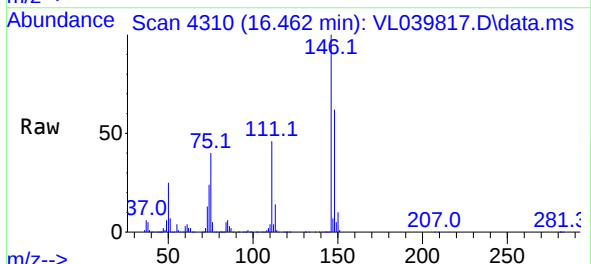
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

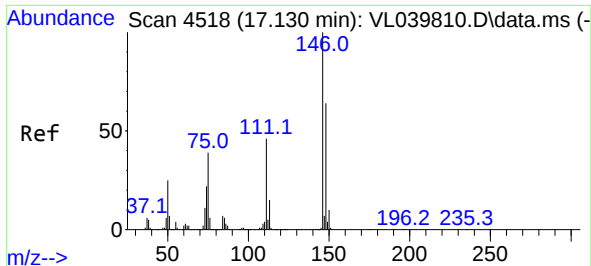
Tgt Ion:146 Resp: 1555608
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.8
148 64.2 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 6.714 ppbv
RT: 16.462 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:146 Resp: 1511765
Ion Ratio Lower Upper
146 100
111 46.7 22.7 68.1
148 66.1 33.1 99.3

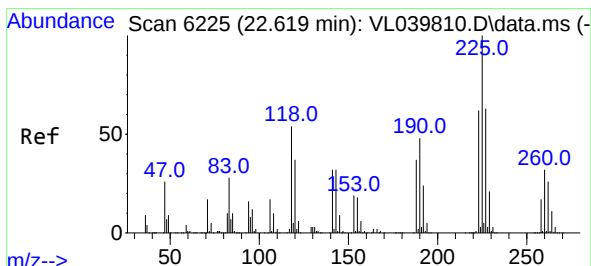
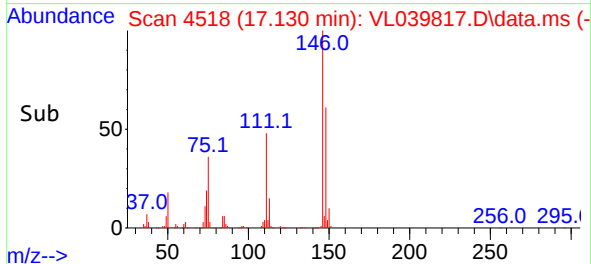
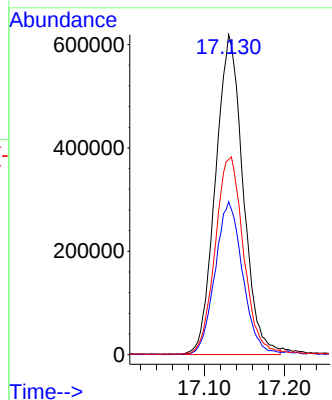
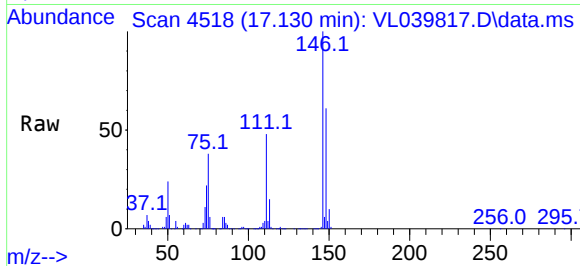




#77
1,2-Dichlorobenzene
Concen: 6.836 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

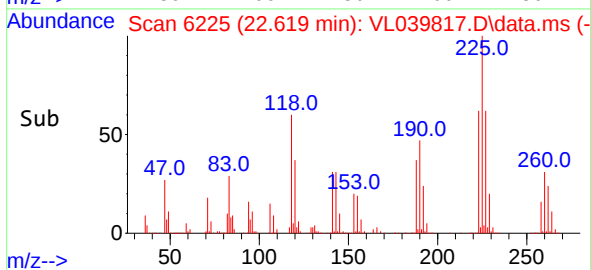
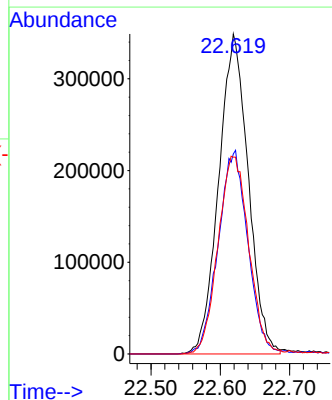
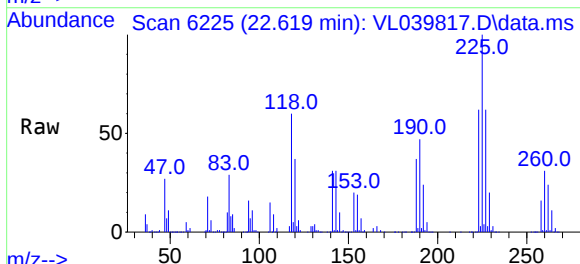
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

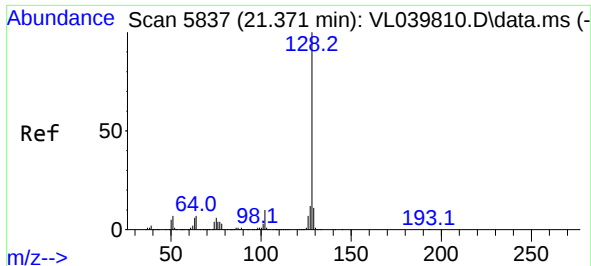
Tgt Ion:146 Resp: 1478646
Ion Ratio Lower Upper
146 100
111 48.4 23.9 71.8
148 64.3 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 6.446 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.000 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Tgt Ion:225 Resp: 1033107
Ion Ratio Lower Upper
225 100
223 64.1 50.6 75.8
227 64.8 51.6 77.4





#79

Naphthalene

Concen: 8.017 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.003 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110222

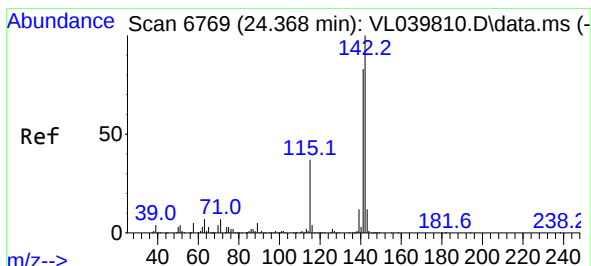
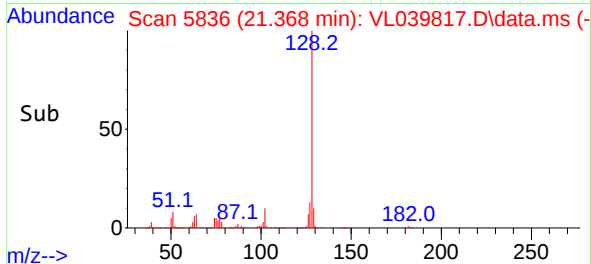
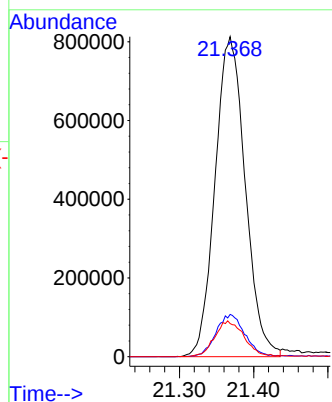
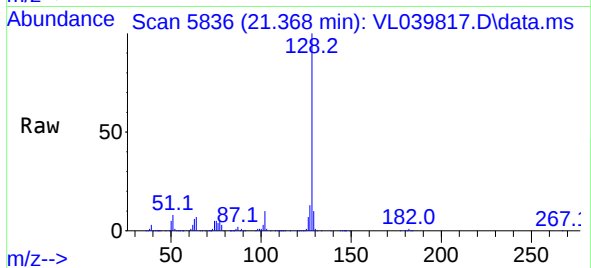
Tgt Ion:128 Resp: 2290547

Ion Ratio Lower Upper

128 100

127 13.1 9.8 14.6

129 10.3 8.6 13.0



#80

Naphthalene,2-methyl-

Concen: 7.206 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.000 min

Lab File: VL039817.D

Acq: 2 Nov 2022 15:13

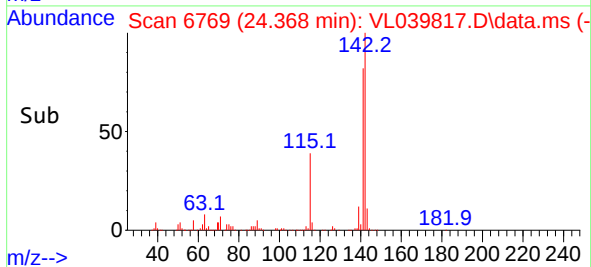
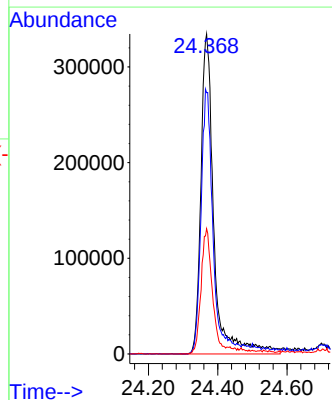
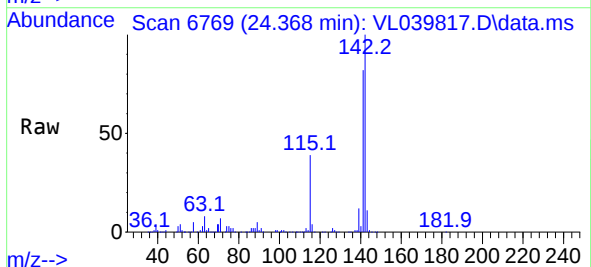
Tgt Ion:142 Resp: 872884

Ion Ratio Lower Upper

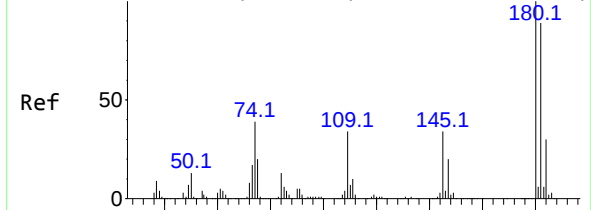
142 100

141 80.2 65.1 97.7

115 35.2 29.1 43.7



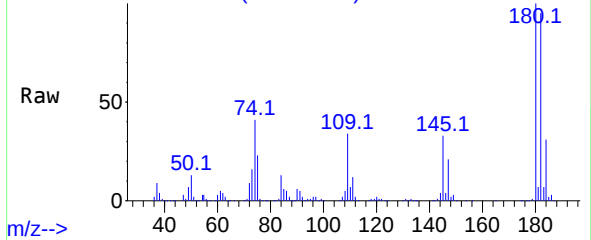
Abundance Scan 5762 (21.130 min): VL039810.D\data.ms (-



#81
1,2,4-Trichlorobenzene
Concen: 7.373 ppbv
RT: 21.127 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL039817.D
Acq: 2 Nov 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110222

Abundance Scan 5761 (21.127 min): VL039817.D\data.ms



Tgt Ion:180 Resp: 1178450
Ion Ratio Lower Upper
180 100
182 96.0 78.1 117.1
184 30.8 24.5 36.7

Abundance Scan 5761 (21.127 min): VL039817.D\data.ms (-

