

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040175.D
 Acq On : 15 Feb 2023 14:18
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Feb 16 05:16:36 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	984223	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2481706	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2457794	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2055352	10.170	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2482720	13.534	ppbv	99
3) Chlorodifluoromethane	2.664	51	1565155	13.312	ppbv	99
4) Chloromethane	2.803	50	990947	13.418	ppbv	93
5) Vinyl Chloride	2.912	62	870921	14.675	ppbv	100
6) Bromomethane	3.111	94	300693	14.038	ppbv	97
7) Chloroethane	3.189	64	320802	13.631	ppbv	91
8) Dichlorotetrafluoroethane	2.848	85	2075133	13.129	ppbv	95
9) Propene	2.684	41	666196	13.900	ppbv	97
10) Heptane	7.584	43	1708650	14.979	ppbv	99
11) Trichlorofluoromethane	3.555	101	2245185	13.641	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1660672	13.677	ppbv	99
13) Ethanol	3.240	45	35416	8.027	ppbv	92
14) Bromoethene	3.359	108	668500	14.357	ppbv	98
15) Acetone	3.462	43	1522630	12.850	ppbv	99
16) 1,3-Butadiene	2.976	39	767045	14.174	ppbv	97
17) tert-Butyl alcohol	3.870	59	1368580	12.664	ppbv	100
18) 1,1-Dichloroethene	3.873	96	748710	14.192	ppbv	97
19) Isopropyl Alcohol	3.568	45	659988	11.717	ppbv	99
20) Methylene Chloride	3.928	84	618260	10.023	ppbv	98
21) Allyl Chloride	3.992	41	1064263	14.643	ppbv	99
22) trans-1,2-Dichloroethene	4.442	96	794441	14.542	ppbv	92
23) Vinyl Acetate	4.623	43	530563	14.754	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1562923	13.904	ppbv	99
25) Ethyl Acetate	5.201	43	3095919	14.054	ppbv	100
26) Hexane	5.211	57	1307189	13.823	ppbv	99
27) Carbon Disulfide	4.121	76	1900307	15.837	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1416388	13.979	ppbv	99
29) Chloroform	5.275	83	2256979	13.900	ppbv	100
30) Cyclohexane	6.606	84	1117640	15.052	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	1378165	15.339	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	2246497	14.726	ppbv	99
34) 2-Butanone	4.783	43	1717687	14.031	ppbv	99
35) Carbon Tetrachloride	6.497	117	2364102	16.114	ppbv	98
36) Benzene	6.375	78	2813428	14.567	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1763254	14.598	ppbv	99
38) Trichloroethene	7.298	130	1680628	15.792	ppbv	98
39) 1,2-Dichloropropane	7.079	63	1085858	14.453	ppbv	98
40) 1,4-Dioxane	7.288	88	398790	13.269	ppbv	84
41) Tetrahydrofuran	5.555	42	1079858	15.221	ppbv	100
42) Bromodichloromethane	7.256	83	2534438	15.202	ppbv	98
43) Methyl Methacrylate	7.478	69	1149683	16.088	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	4614240	14.312	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	1173178	18.507	ppbv	98

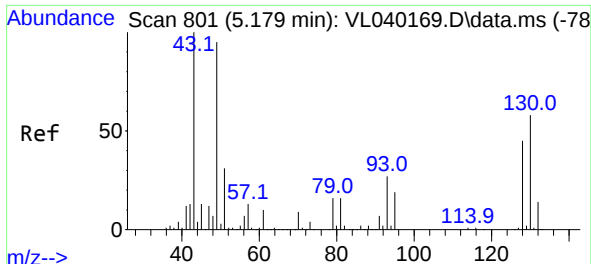
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040175.D
 Acq On : 15 Feb 2023 14:18
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 Sample : VSTDIC015
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 MSVOA_L
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 VSTDIC015

Quant Time: Feb 16 05:16:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1538562	17.422	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	1196044	14.718	ppbv	99
48) Dibromochloromethane	9.722	129	2126145	16.358	ppbv	100
49) Bromoform	12.423	173	1713542	16.891	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2928530	15.407	ppbv	100
51) 2-Hexanone	9.558	43	2337696	15.991	ppbv #	99
52) Tetrachloroethene	10.626	164	980408	16.257	ppbv	99
53) Toluene	9.230	91	3257290	15.747	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1368638	16.188	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.519	131	1487010	14.413	ppbv	97
57) Chlorobenzene	11.539	112	2545491	14.176	ppbv	98
58) Ethyl Benzene	12.098	91	4482948	15.012	ppbv	98
59) m/p-Xylene	12.384	91	3731573	14.108	ppbv #	26
60) o-Xylene	13.072	91	3718321	14.610	ppbv	99
61) Styrene	12.912	104	2199067	16.458	ppbv	100
62) Isopropylbenzene	14.040	105	5197080	14.227	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1249674	13.626	ppbv	100
64) n-propylbenzene	14.931	120	1342803	14.852	ppbv	98
65) tert-Butylbenzene	16.104	119	4560922	14.363	ppbv	99
66) Benzyl Chloride	16.339	91	367521	17.392	ppbv	99
67) sec-Butylbenzene	16.651	105	6360747	13.967	ppbv	99
69) p-Isopropyltoluene	17.008	119	5184546	14.361	ppbv	99
70) n-Butylbenzene	17.899	91	5547876	14.158	ppbv	99
71) 2-Chlorotoluene	14.815	91	4074526	14.584	ppbv	100
72) 4-Ethyltoluene	15.207	105	4252977	15.117	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	3791391	14.483	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	4073081	14.165	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	2255741	14.335	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	2208267	14.320	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	2153337	13.776	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1421126	13.233	ppbv	100
79) Naphthalene	21.400	128	2965817	18.359	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	915269	19.924	ppbv	97
81) 1,2,4-Trichlorobenzene	21.156	180	1572551	15.556	ppbv	98

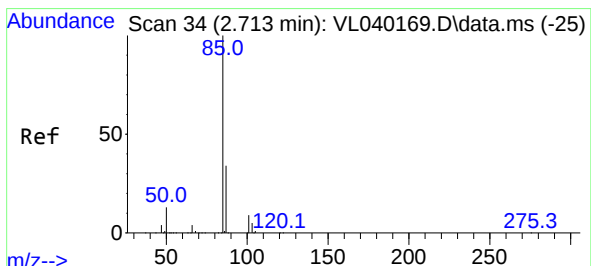
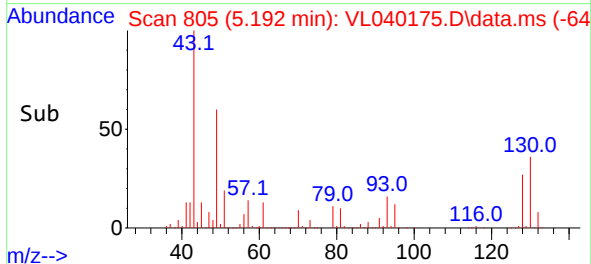
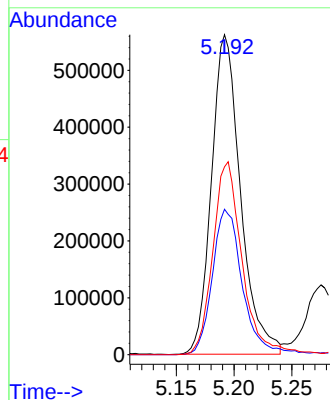
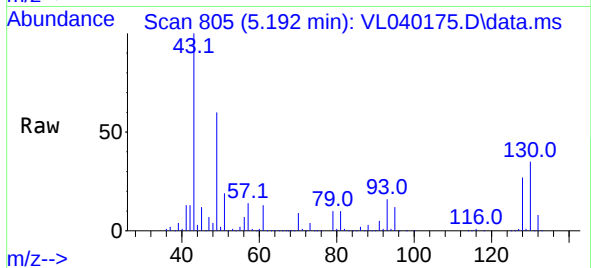
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

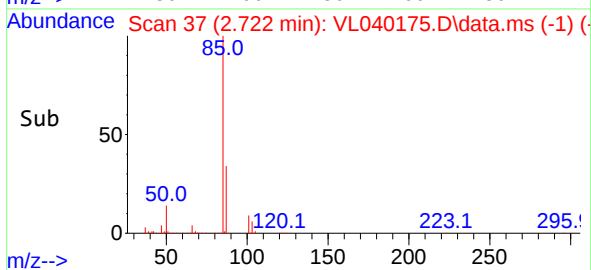
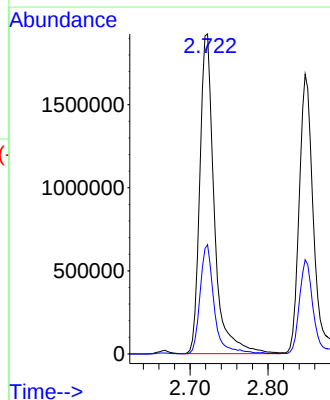
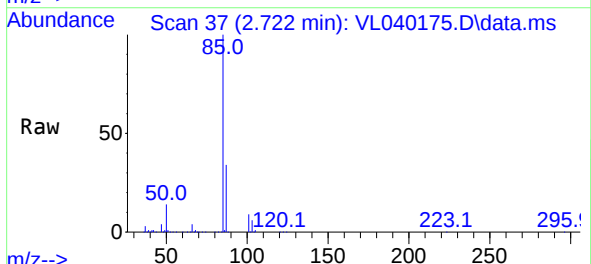
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

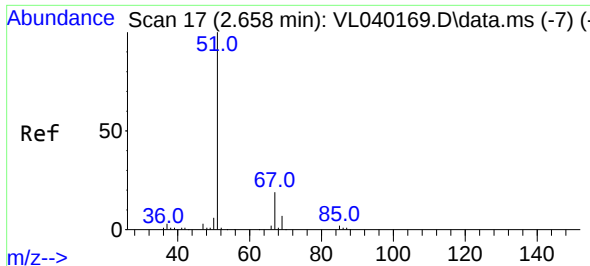
Tgt Ion: 49 Resp: 984223
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.7 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 13.534 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 85 Resp: 2482720
Ion Ratio Lower Upper
85 100
87 34.1 27.0 40.6

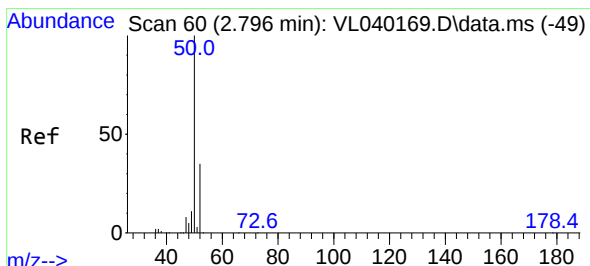
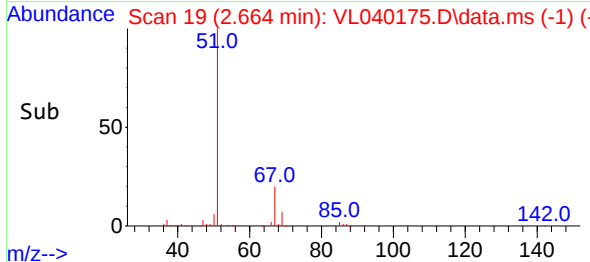
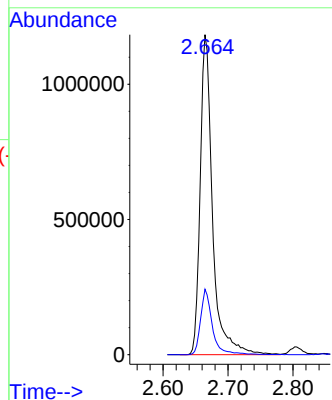
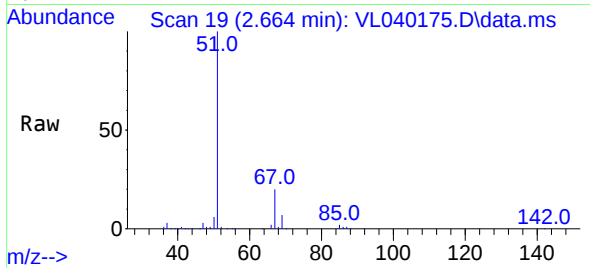




#3
Chlorodifluoromethane
Concen: 13.312 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

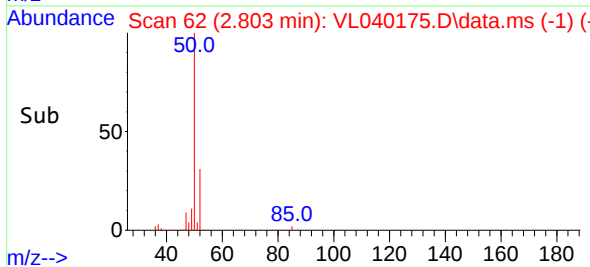
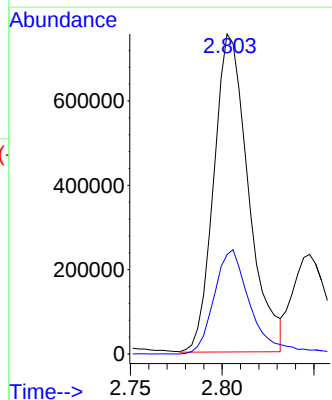
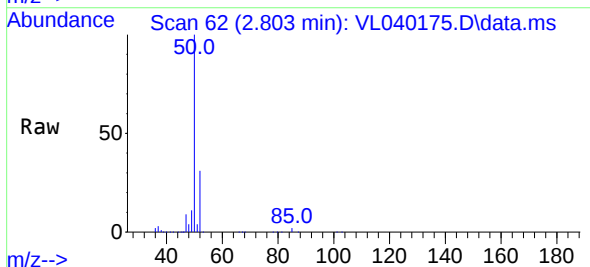
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 1565155
Ion Ratio Lower Upper
51 100
67 19.5 15.4 23.2

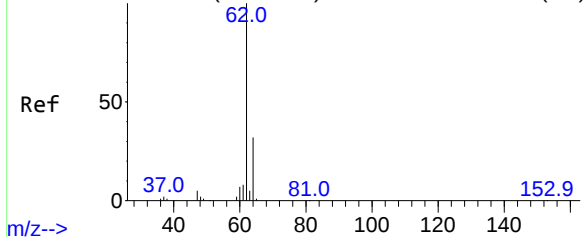


#4
Chloromethane
Concen: 13.418 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 50 Resp: 990947
Ion Ratio Lower Upper
50 100
52 31.3 28.3 42.5



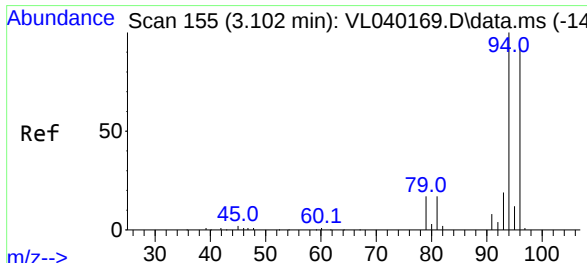
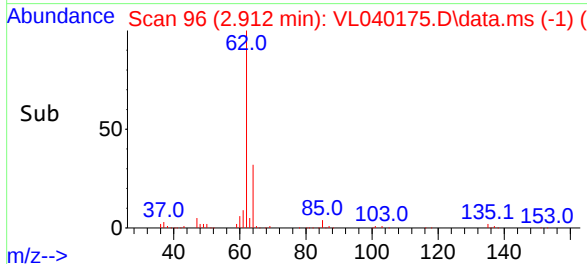
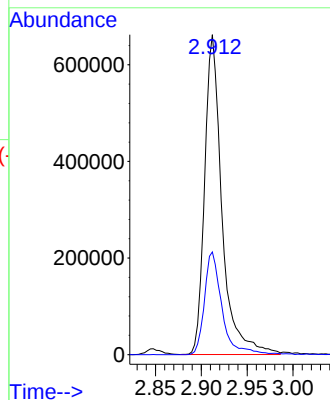
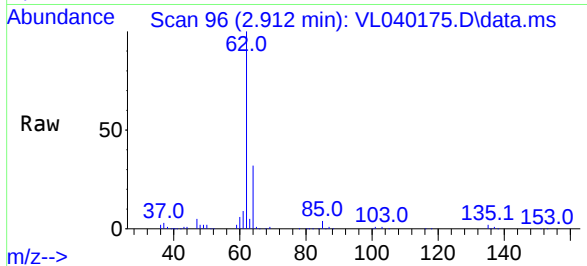
Abundance Scan 93 (2.902 min): VL040169.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 14.675 ppbv
RT: 2.912 min Scan# 90
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

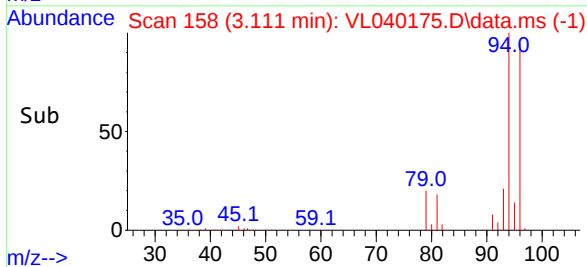
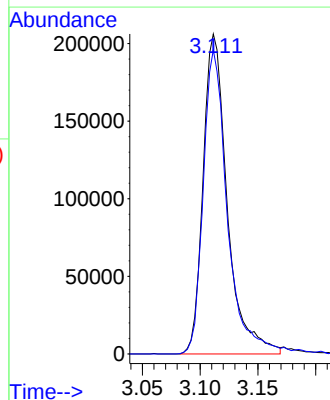
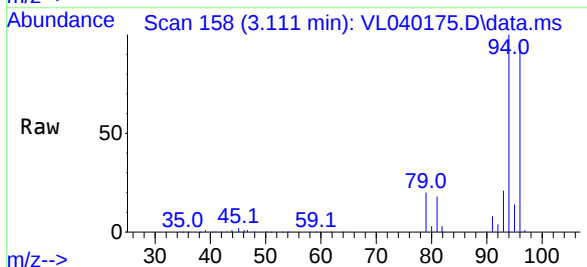
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

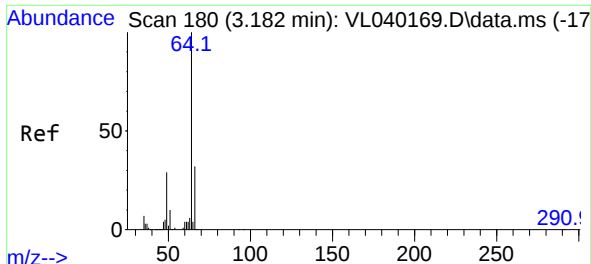
Tgt Ion: 62 Resp: 870921
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4



#6
Bromomethane
Concen: 14.038 ppbv
RT: 3.111 min Scan# 158
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 94 Resp: 300693
Ion Ratio Lower Upper
94 100
96 94.9 73.4 110.2

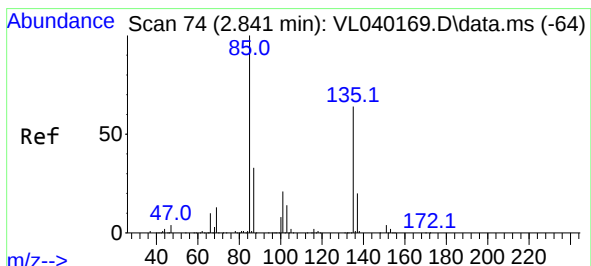
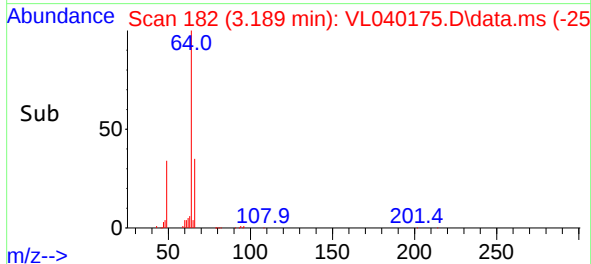
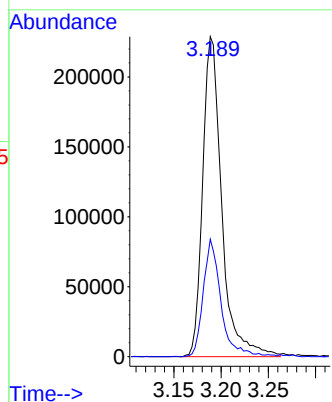
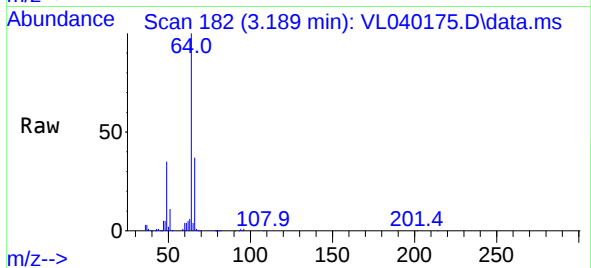




#7
Chloroethane
Concen: 13.631 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

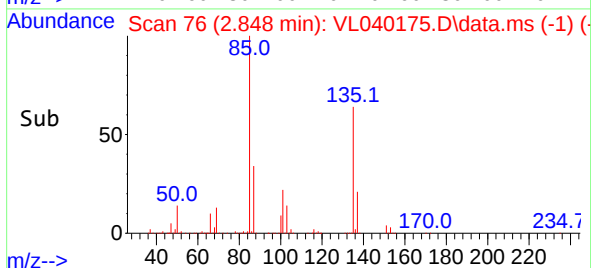
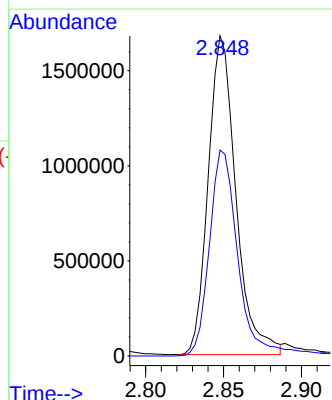
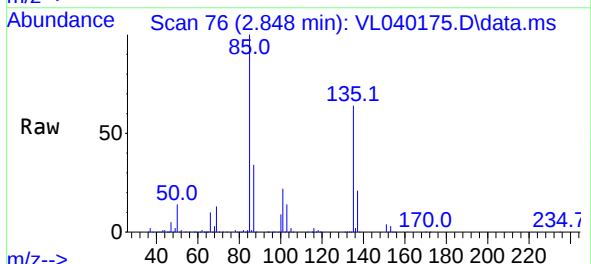
Instrument :
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ClientSampleId :
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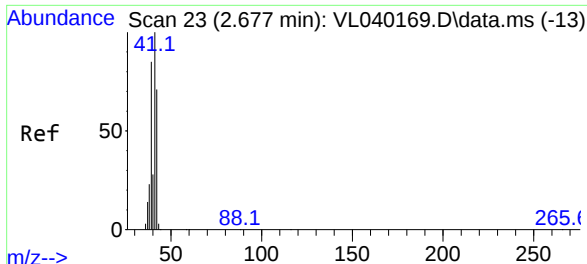
Tgt Ion: 64 Resp: 320802
Ion Ratio Lower Upper
64 100
66 36.7 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 13.129 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 85 Resp: 2075133
Ion Ratio Lower Upper
85 100
135 68.1 51.5 77.3

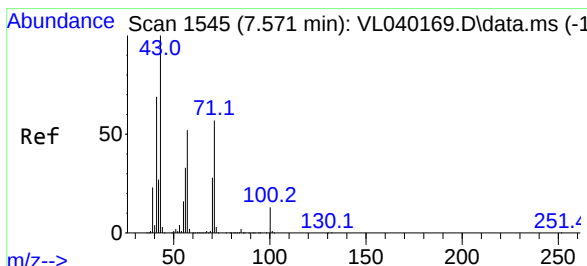
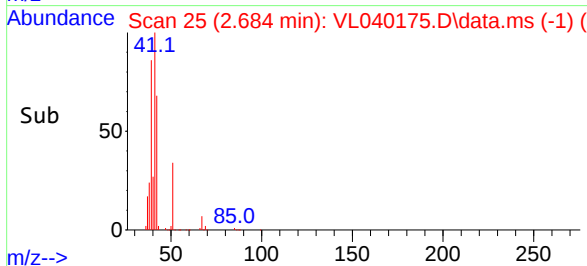
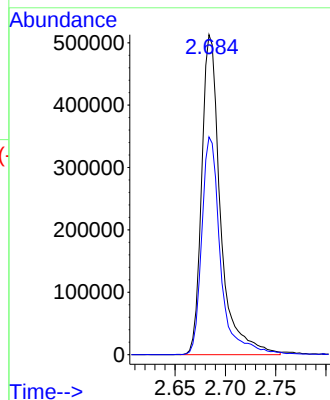
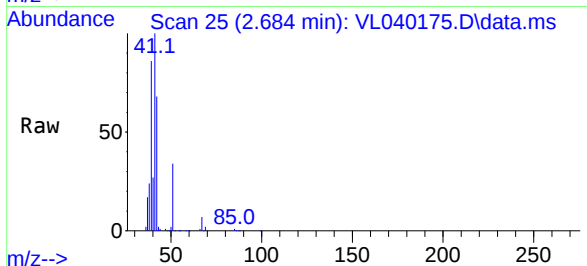




#9
Propene
Concen: 13.900 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

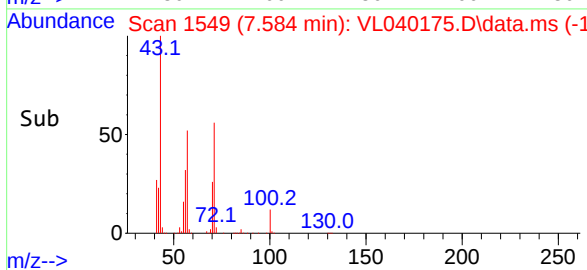
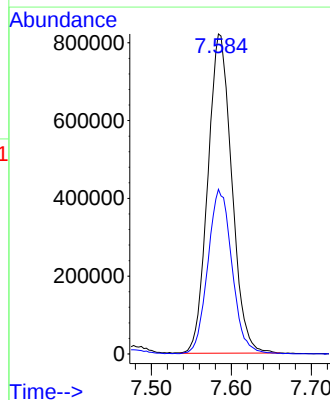
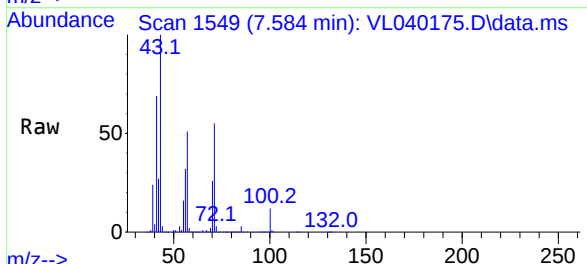
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

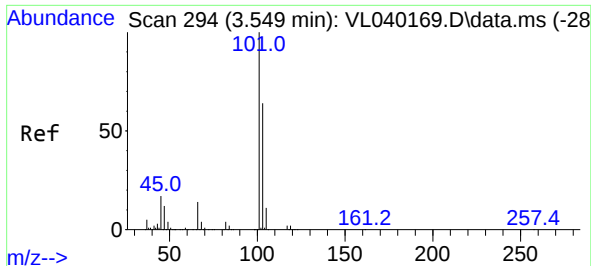
Tgt Ion: 41 Resp: 666196
Ion Ratio Lower Upper
41 100
42 68.6 56.9 85.3



#10
Heptane
Concen: 14.979 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 43 Resp: 1708650
Ion Ratio Lower Upper
43 100
57 52.2 41.4 62.2

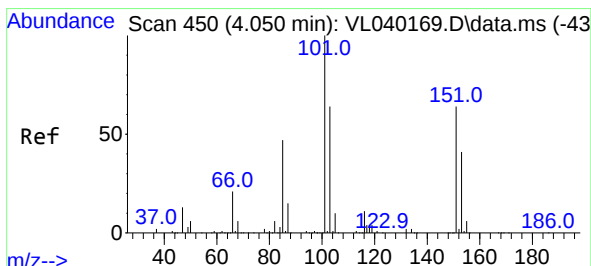
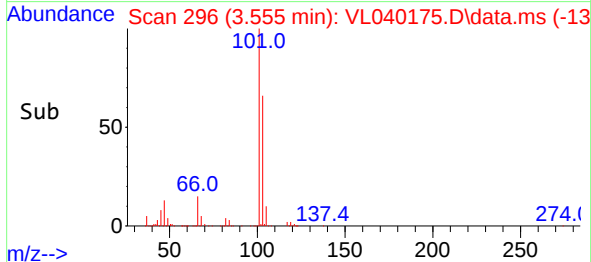
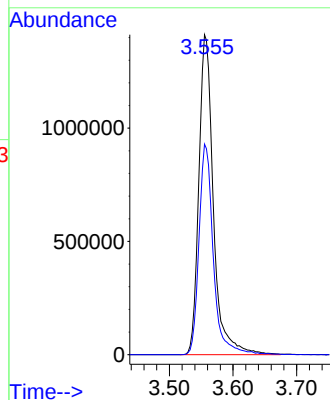
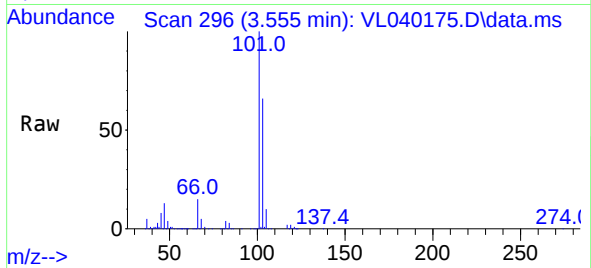




#11
Trichlorofluoromethane
Concen: 13.641 ppbv
RT: 3.555 min Scan# 294
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

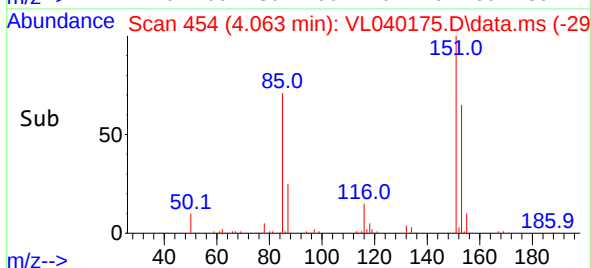
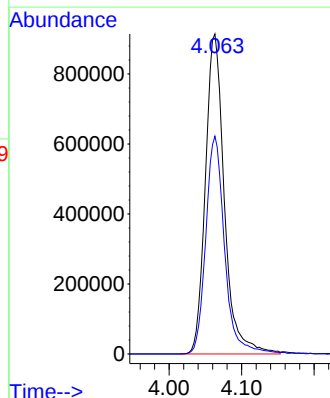
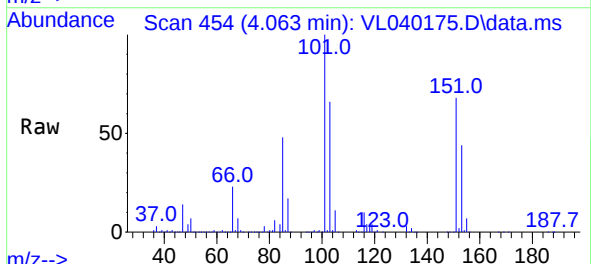
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

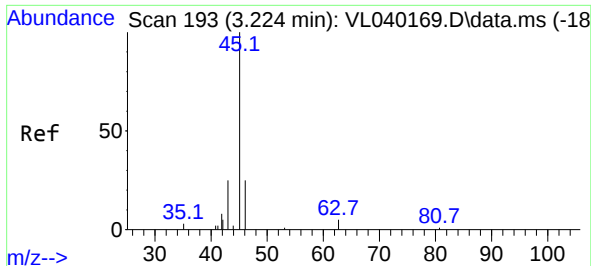
Tgt Ion:101 Resp: 2245185
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.677 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:101 Resp: 1660672
Ion Ratio Lower Upper
101 100
151 67.9 54.7 82.1

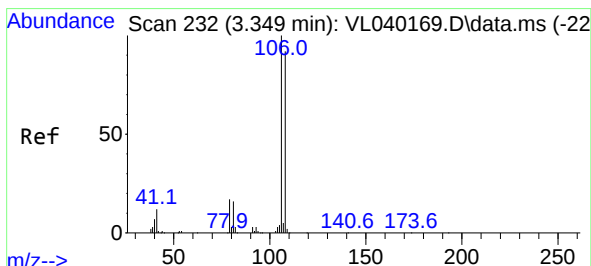
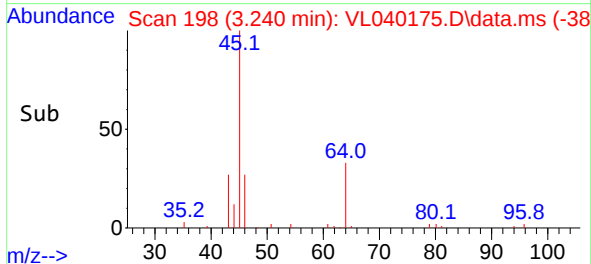
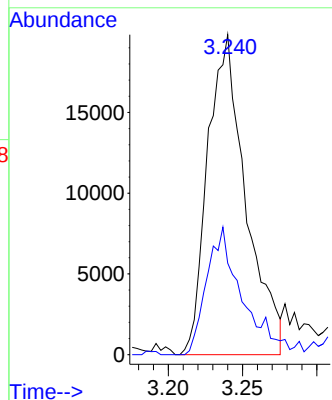
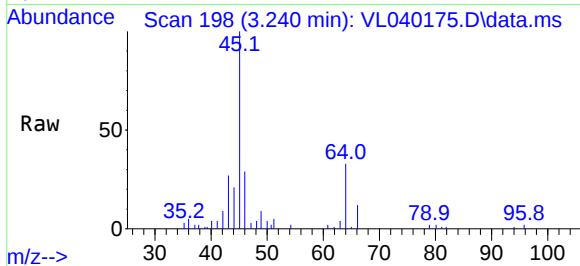




#13
Ethanol
Concen: 8.027 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

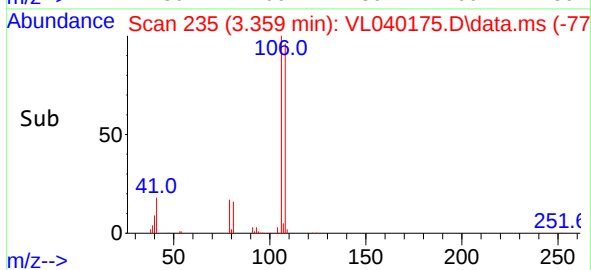
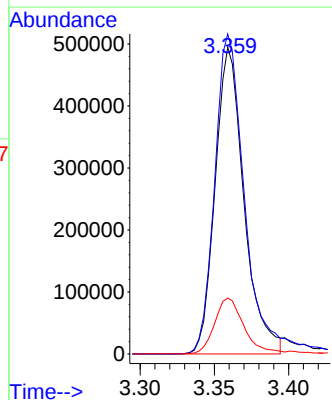
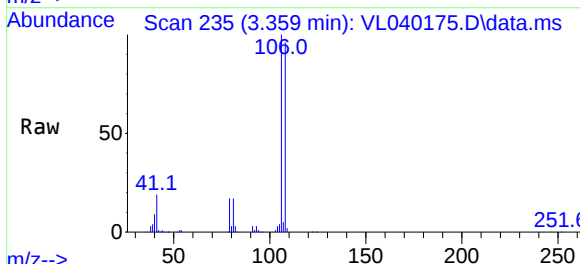
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

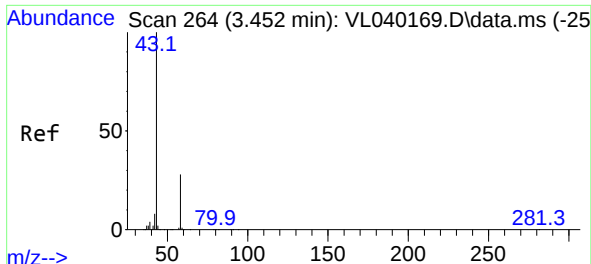
Tgt Ion: 45 Resp: 35416
Ion Ratio Lower Upper
45 100
46 37.7 13.3 53.1



#14
Bromoethene
Concen: 14.357 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 108 Resp: 668500
Ion Ratio Lower Upper
108 100
106 111.7 87.1 130.7
79 19.6 15.4 23.2

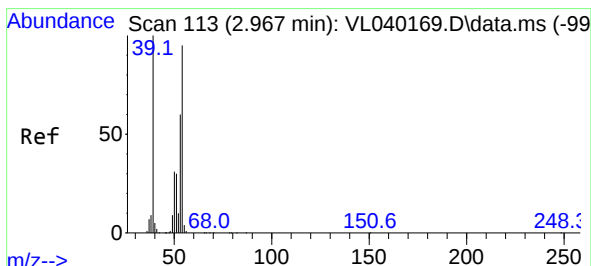
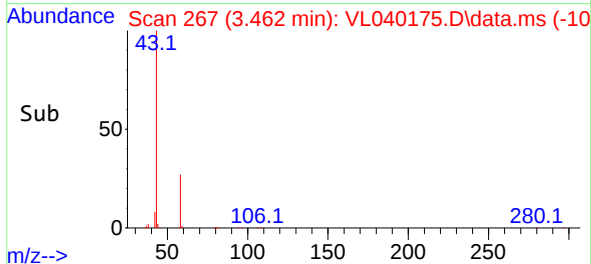
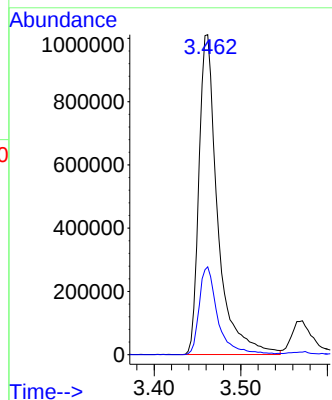
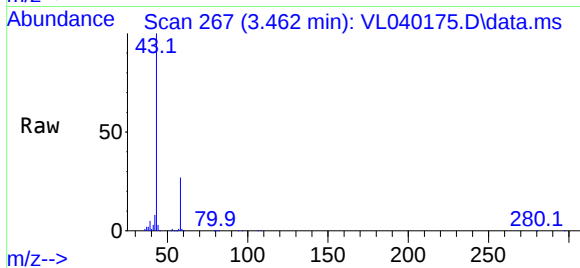




#15
Acetone
Concen: 12.850 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

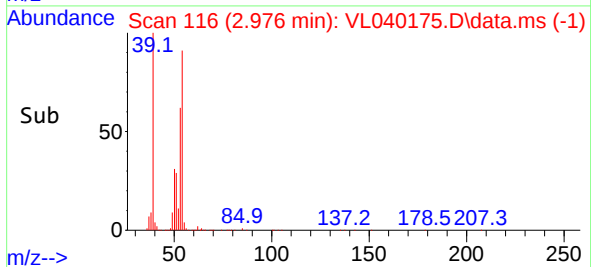
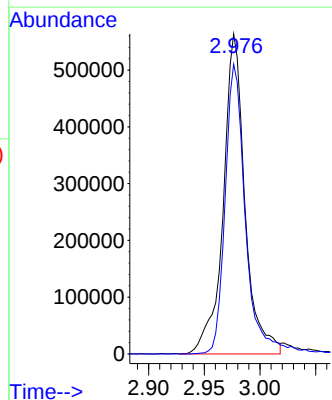
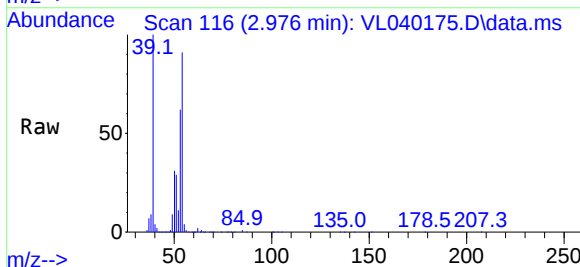
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

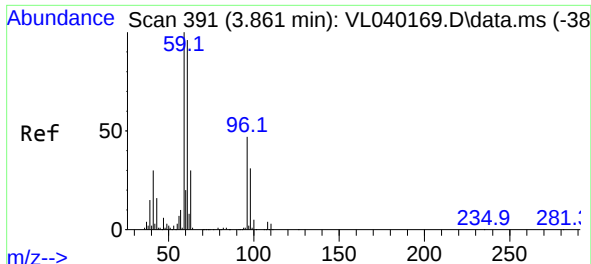
Tgt Ion: 43 Resp: 1522630
Ion Ratio Lower Upper
43 100
58 27.3 22.4 33.6



#16
1,3-Butadiene
Concen: 14.174 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 39 Resp: 767045
Ion Ratio Lower Upper
39 100
54 85.9 66.7 100.1

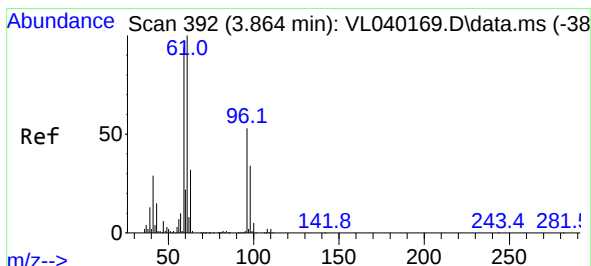
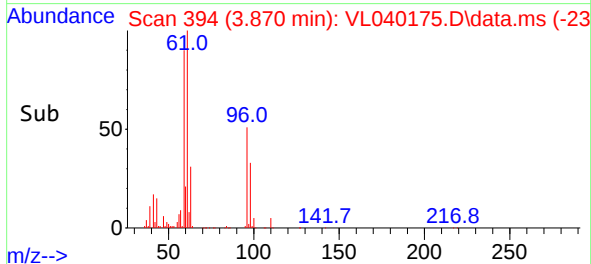
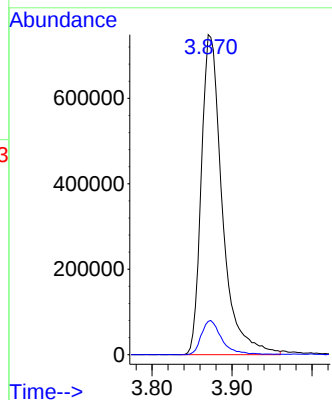
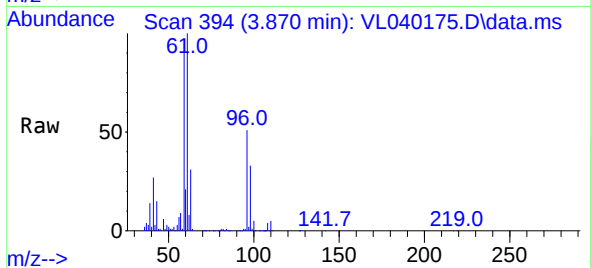




#17
tert-Butyl alcohol
Concen: 12.664 ppbv
RT: 3.870 min Scan# 391
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

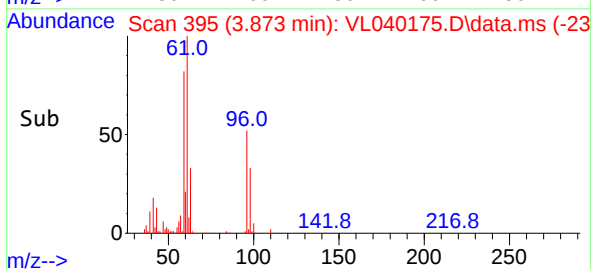
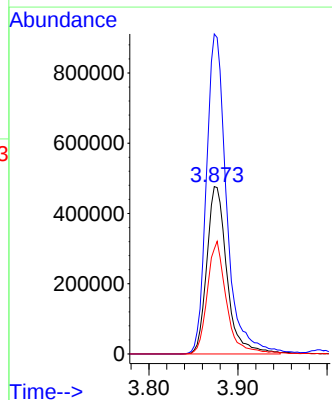
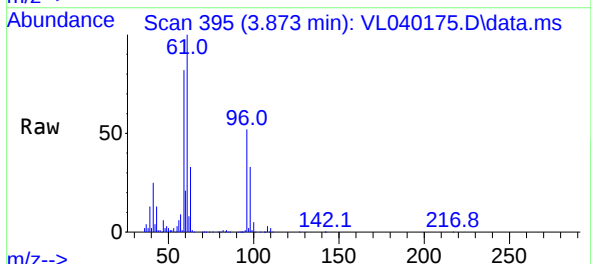
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

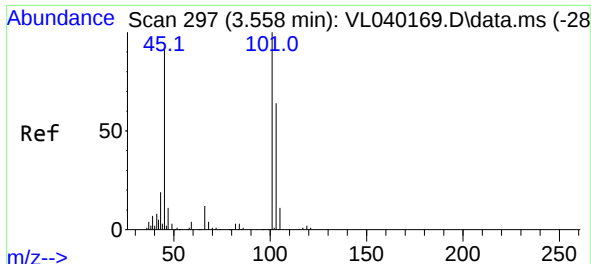
Tgt Ion: 59 Resp: 1368580
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#18
1,1-Dichloroethene
Concen: 14.192 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 96 Resp: 748710
Ion Ratio Lower Upper
96 100
61 191.3 149.6 224.4
98 62.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 11.717 ppbv

RT: 3.568 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

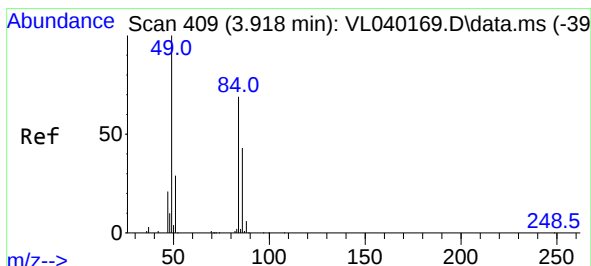
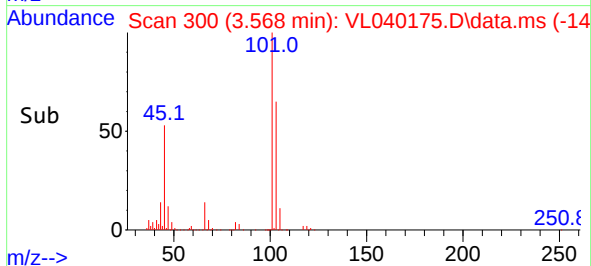
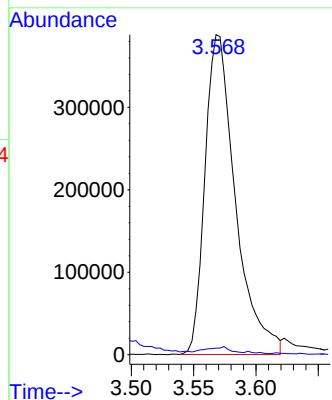
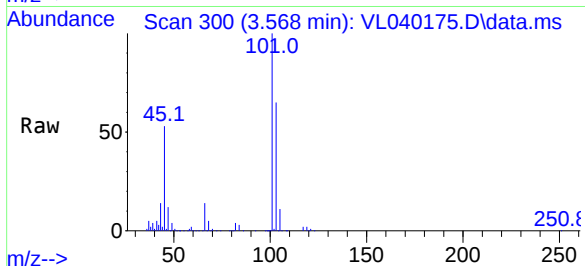
VSTDIC015

Tgt Ion: 45 Resp: 659988

Ion Ratio Lower Upper

45 100

58 3.5 2.6 3.8



#20

Methylene Chloride

Concen: 10.023 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion: 84 Resp: 618260

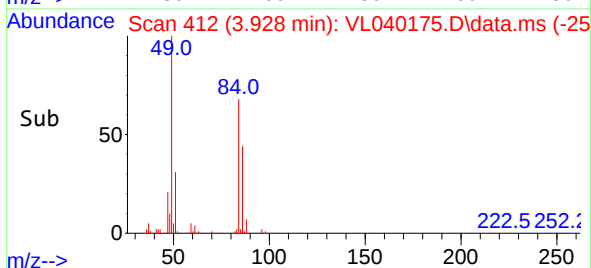
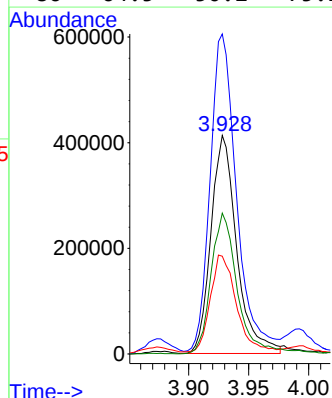
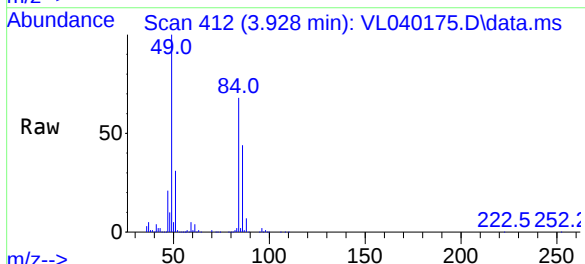
Ion Ratio Lower Upper

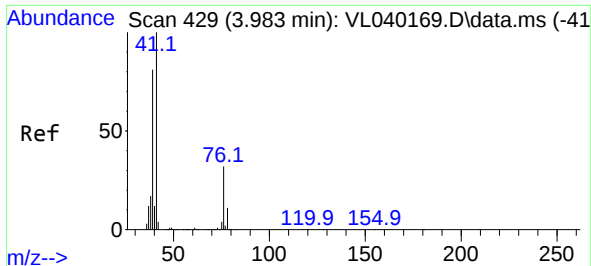
84 100

49 145.0 115.5 173.3

51 43.9 33.1 49.7

86 64.5 50.2 75.2

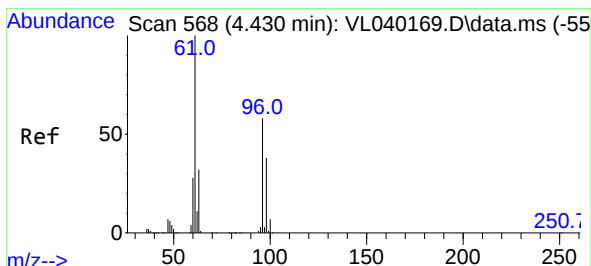
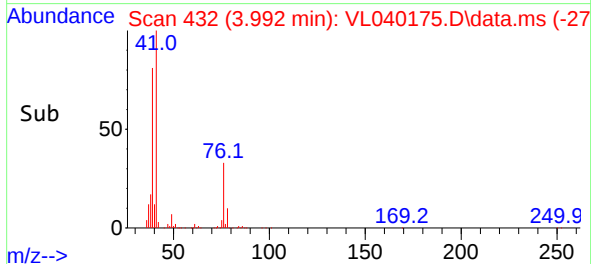
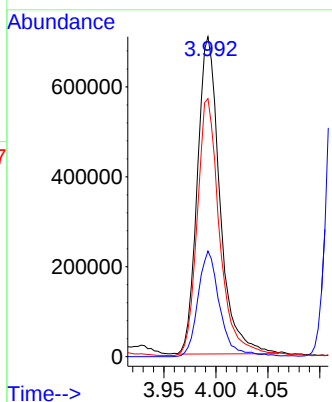
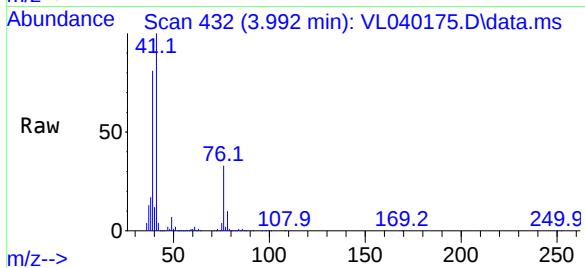




#21
Allyl Chloride
Concen: 14.643 ppbv
RT: 3.992 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

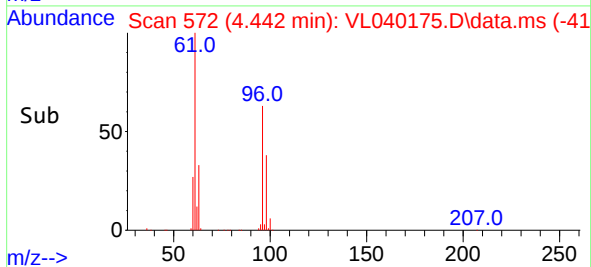
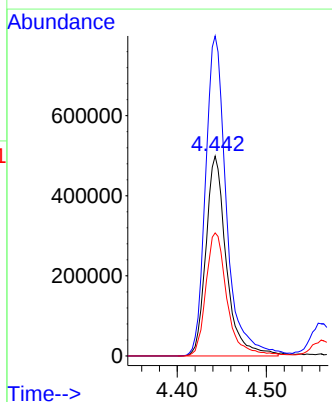
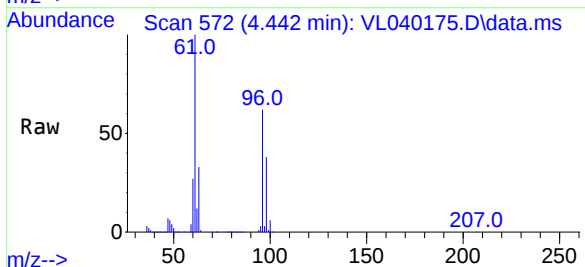
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

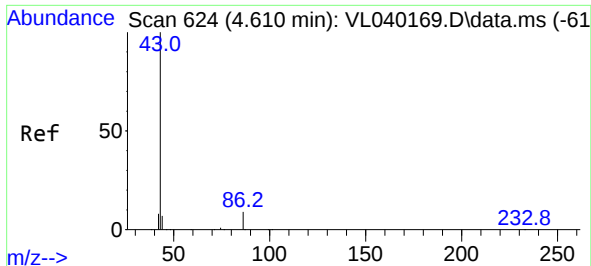
Tgt Ion: 41 Resp: 1064263
Ion Ratio Lower Upper
41 100
76 32.6 25.5 38.3
39 81.1 64.5 96.7



#22
trans-1,2-Dichloroethene
Concen: 14.542 ppbv
RT: 4.442 min Scan# 572
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 96 Resp: 794441
Ion Ratio Lower Upper
96 100
61 160.1 137.5 206.3
98 61.5 52.8 79.2



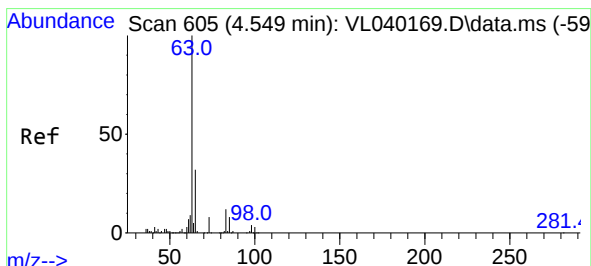
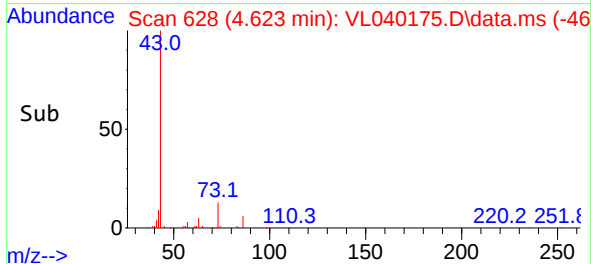
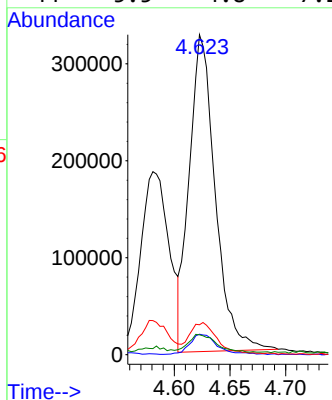
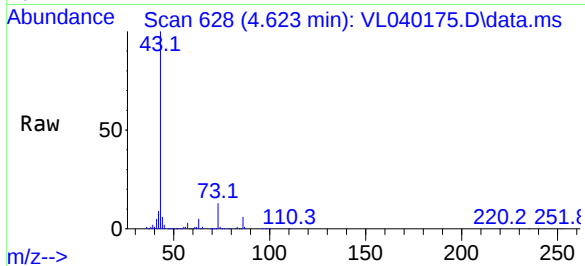


#23
Vinyl Acetate
Concen: 14.754 ppbv
RT: 4.623 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 530563

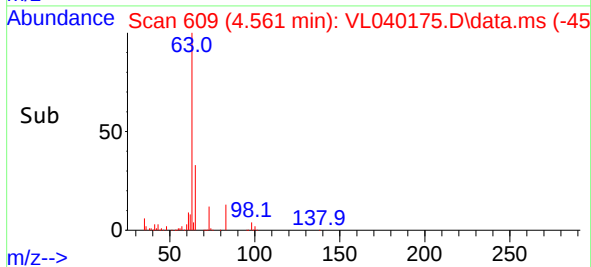
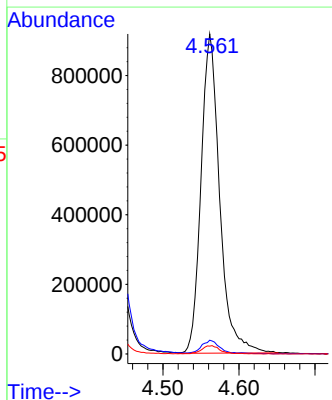
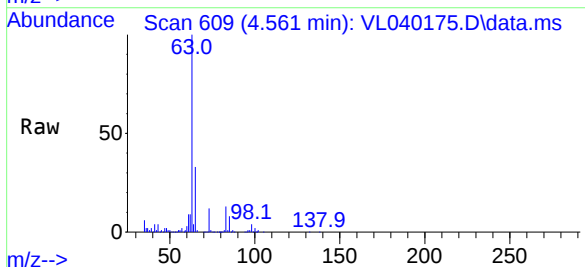
Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.6	8.4
42	9.4	7.6	11.4
44	5.5	4.8	7.2

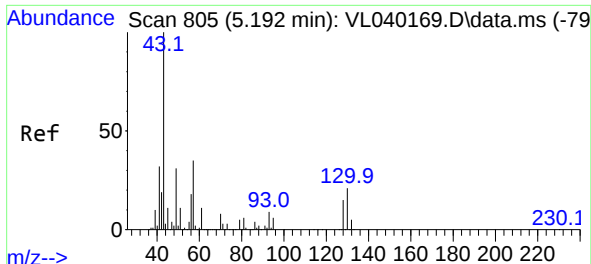


#24
1,1-Dichloroethane
Concen: 13.904 ppbv
RT: 4.561 min Scan# 609
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 63 Resp: 1562923

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.8
100	2.4	1.4	4.0





#25

Ethyl Acetate

Concen: 14.054 ppbv

RT: 5.201 min Scan# 80

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 3095919

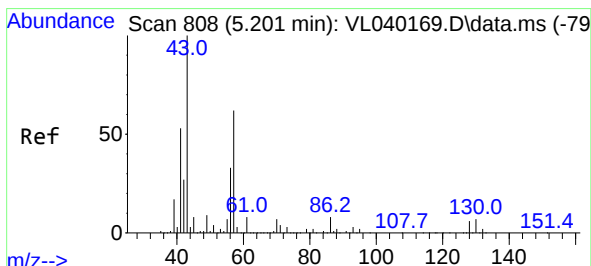
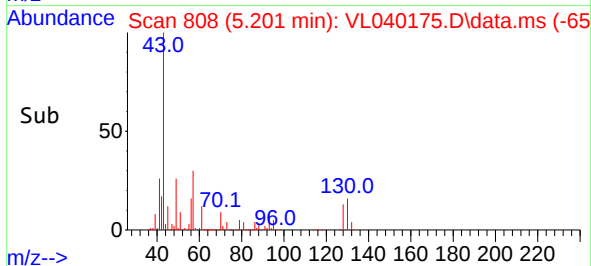
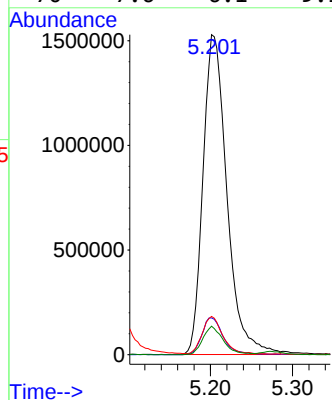
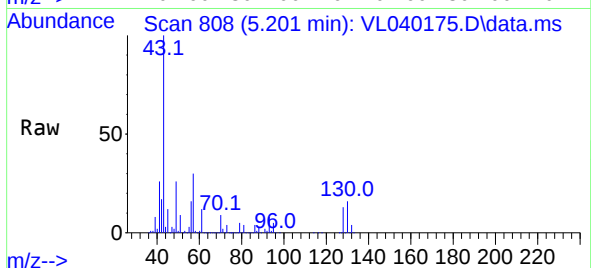
Ion Ratio Lower Upper

43 100

45 10.6 8.3 12.5

61 10.8 8.4 12.6

70 7.6 6.1 9.1



#26

Hexane

Concen: 13.823 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion: 57 Resp: 1307189

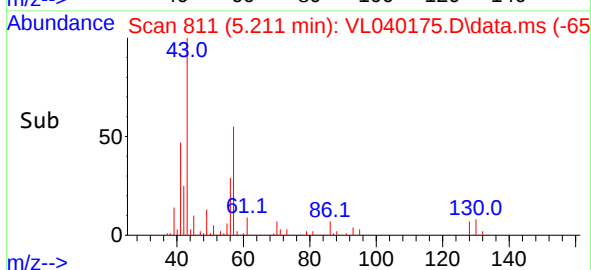
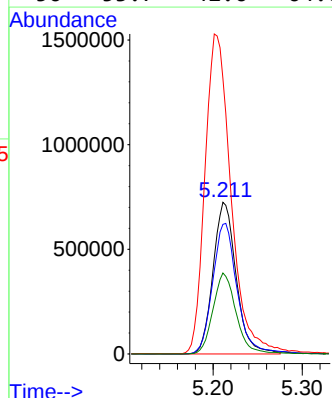
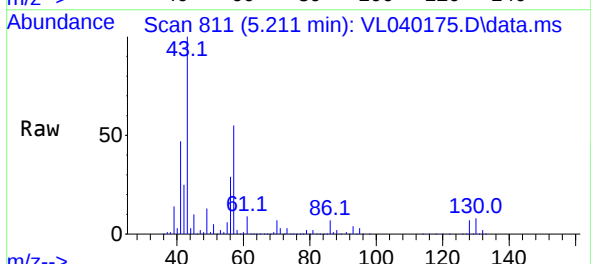
Ion Ratio Lower Upper

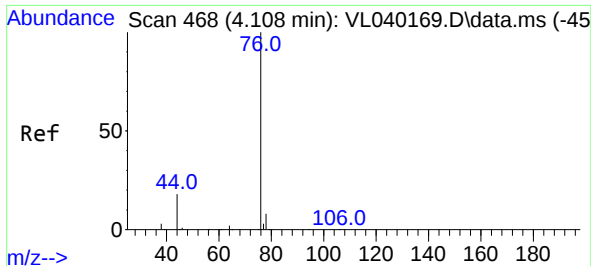
57 100

41 91.7 74.3 111.5

43 239.6 193.0 289.4

56 53.7 42.6 64.0

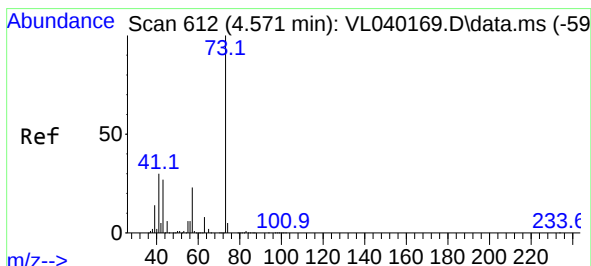
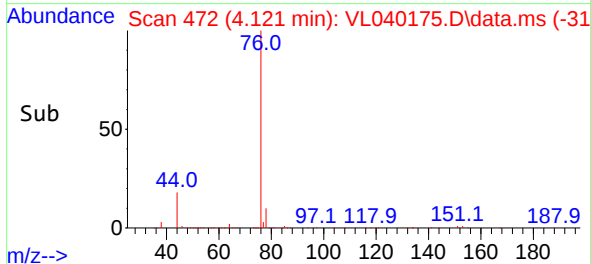
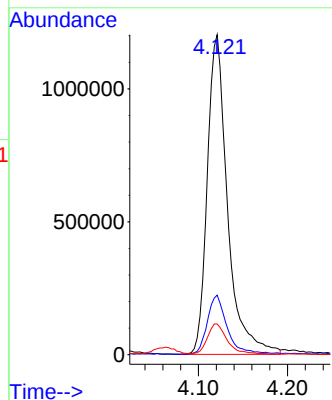
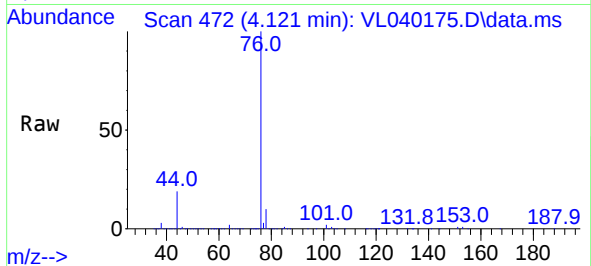




#27
Carbon Disulfide
Concen: 15.837 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

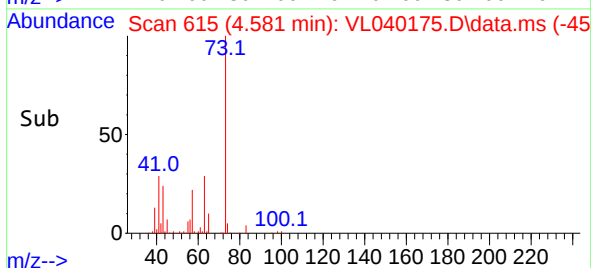
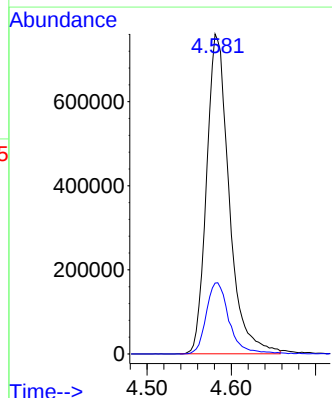
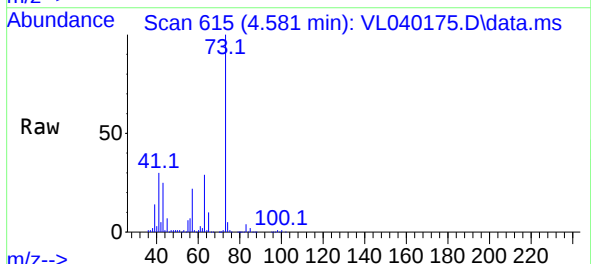
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

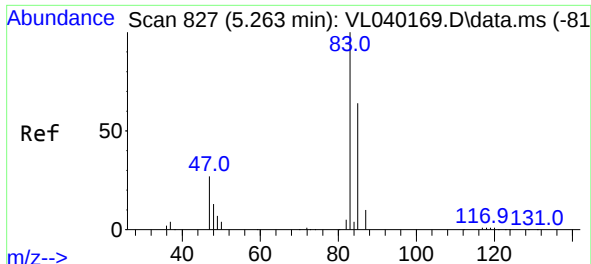
Tgt Ion: 76 Resp: 1900307
Ion Ratio Lower Upper
76 100
44 18.8 15.3 22.9
78 9.8 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 13.979 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 73 Resp: 1416388
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2





#29

Chloroform

Concen: 13.900 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

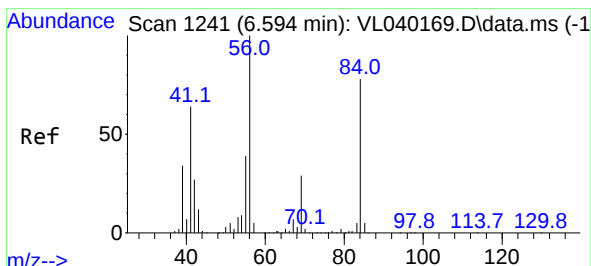
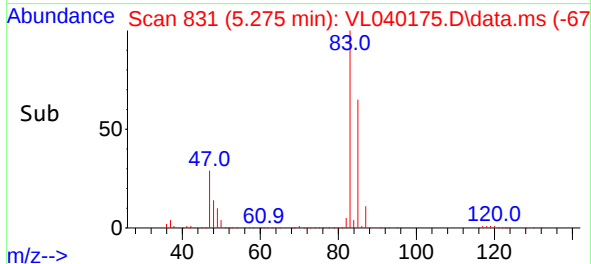
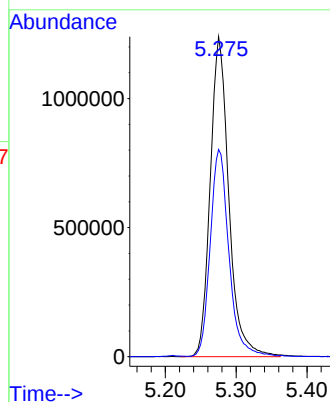
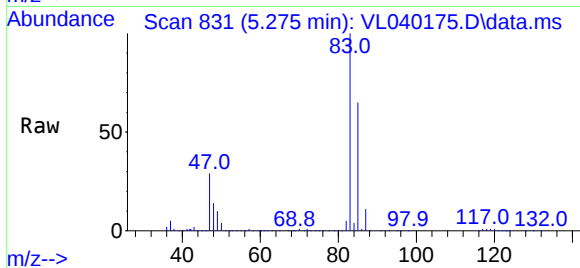
VSTDICC015

Tgt Ion: 83 Resp: 2256979

Ion Ratio Lower Upper

83 100

85 64.5 51.5 77.3



#30

Cyclohexane

Concen: 15.052 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

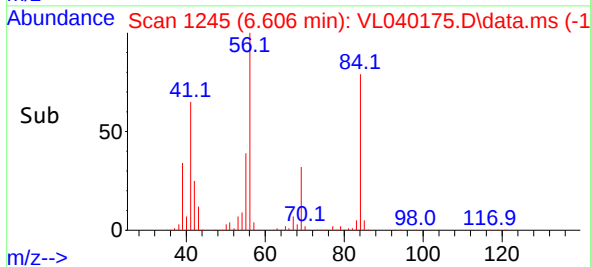
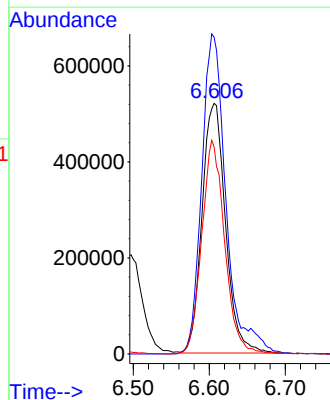
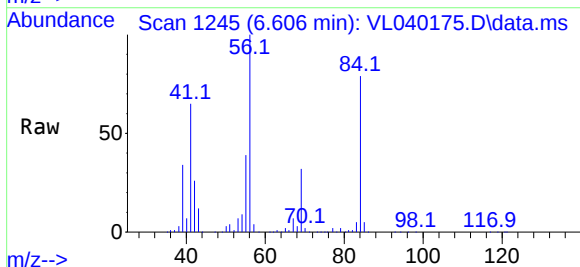
Tgt Ion: 84 Resp: 1117640

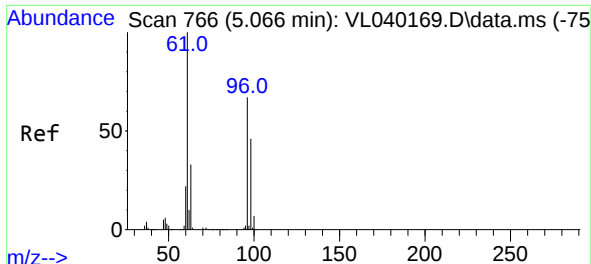
Ion Ratio Lower Upper

84 100

56 132.7 109.9 164.9

41 83.7 67.8 101.6



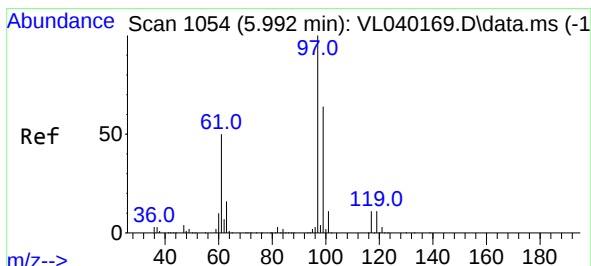
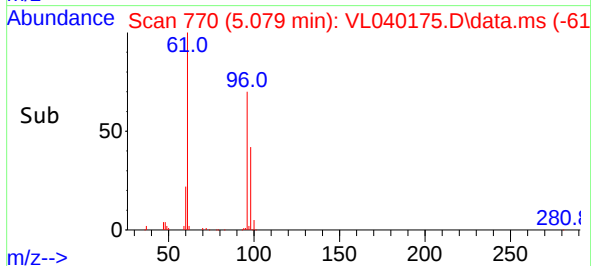
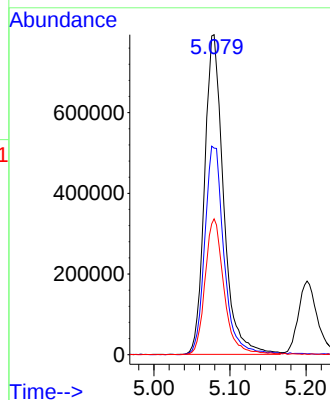
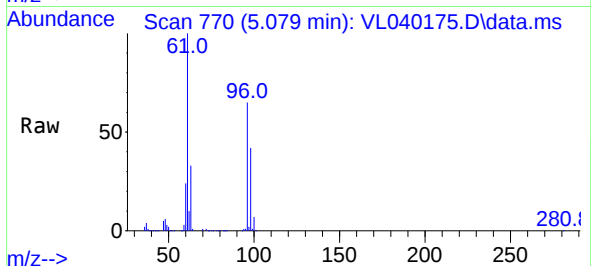


#31
 cis-1,2-Dichloroethene
 Concen: 15.339 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 1378165

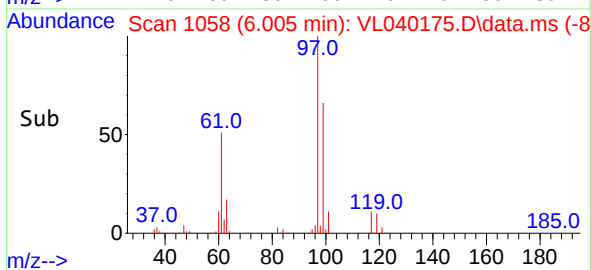
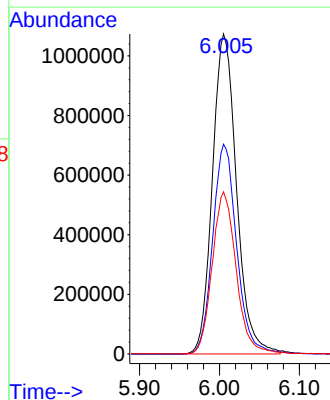
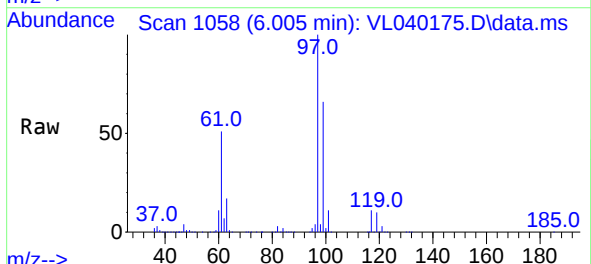
Ion	Ratio	Lower	Upper
61	100		
96	64.6	53.7	80.5
98	42.5	36.4	54.6

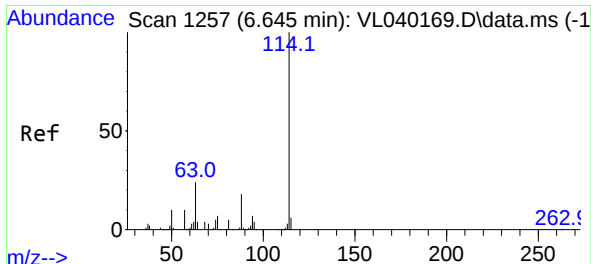


#32
 1,1,1-Trichloroethane
 Concen: 14.726 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

Tgt Ion: 97 Resp: 2246497

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.5	77.3
61	50.7	40.6	60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

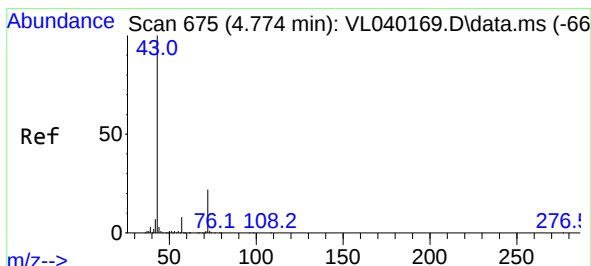
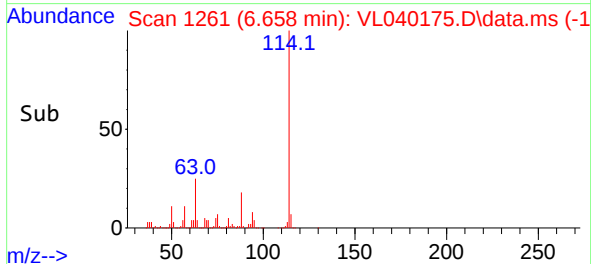
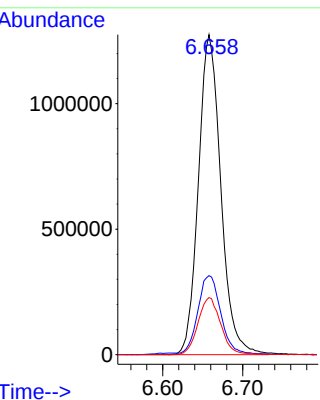
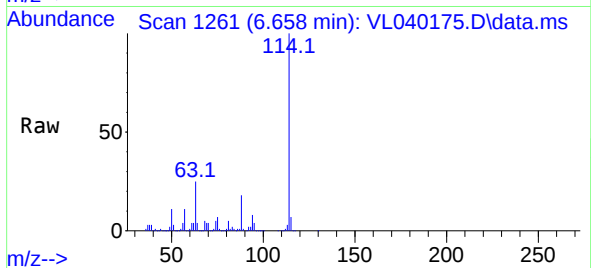
Tgt Ion:114 Resp: 2481706

Ion Ratio Lower Upper

114 100

63 26.1 20.4 30.6

88 18.2 14.3 21.5



#34

2-Butanone

Concen: 14.031 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.010 min

Lab File: VL040175.D

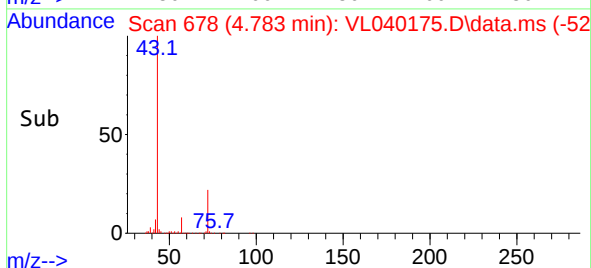
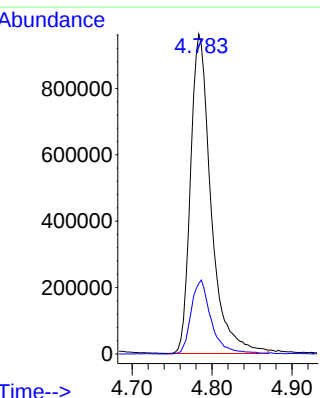
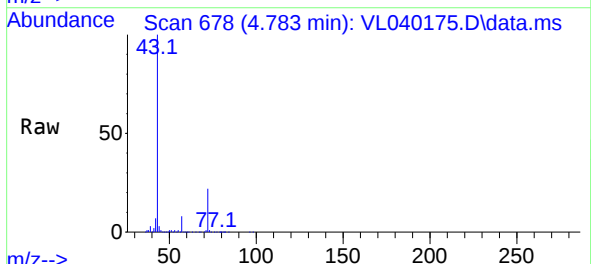
Acq: 15 Feb 2023 14:18

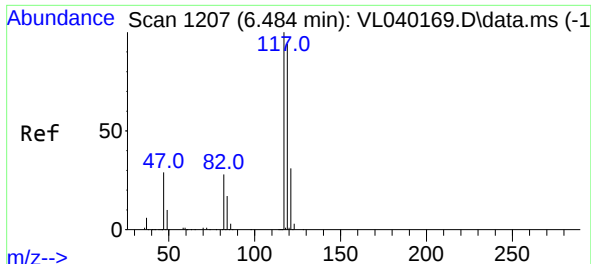
Tgt Ion: 43 Resp: 1717687

Ion Ratio Lower Upper

43 100

72 22.8 17.8 26.8

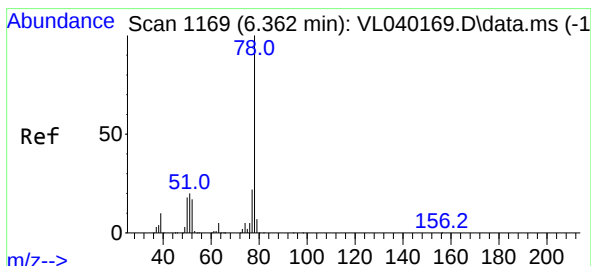
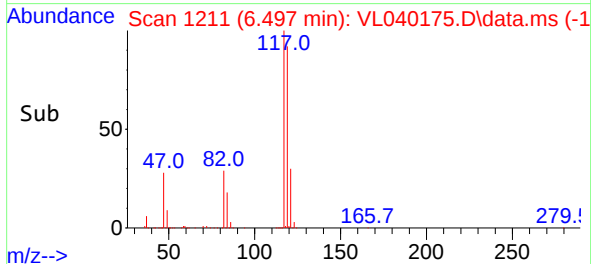
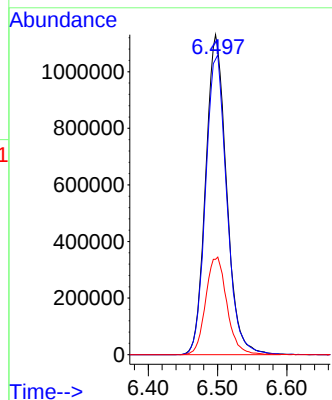
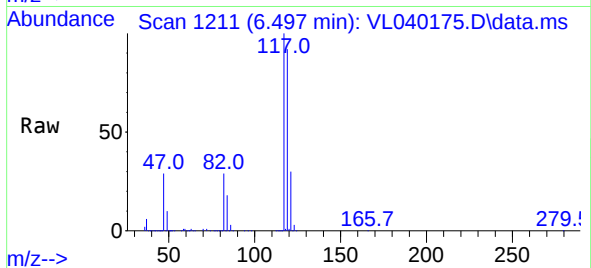




#35
Carbon Tetrachloride
Concen: 16.114 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

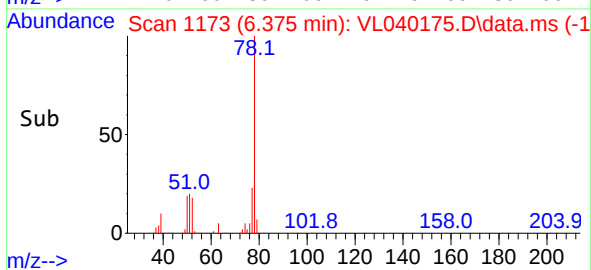
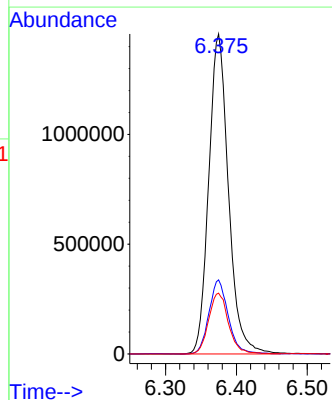
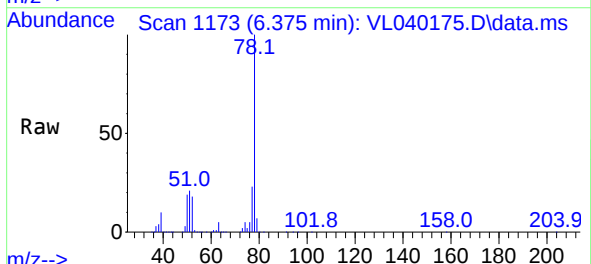
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

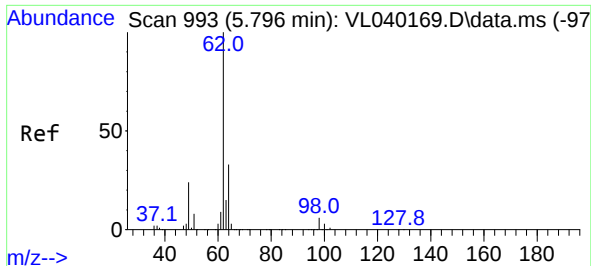
Tgt Ion:117 Resp: 2364102
Ion Ratio Lower Upper
117 100
119 92.2 75.0 112.6
121 29.8 25.0 37.4



#36
Benzene
Concen: 14.567 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 78 Resp: 2813428
Ion Ratio Lower Upper
78 100
77 23.2 17.5 26.3
50 19.0 14.6 22.0





#37

1,2-Dichloroethane

Concen: 14.598 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

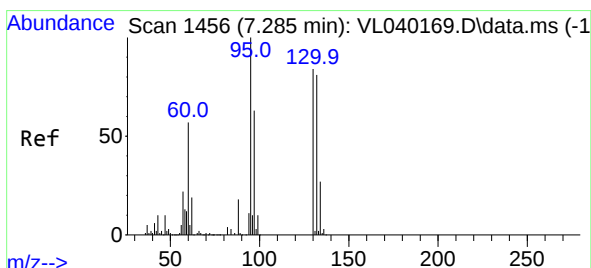
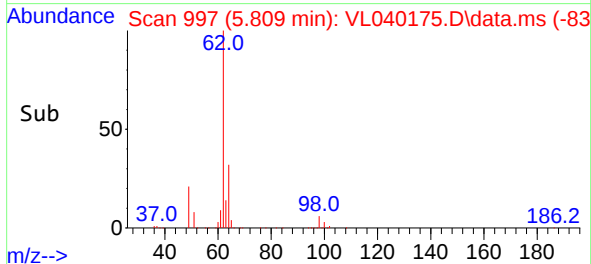
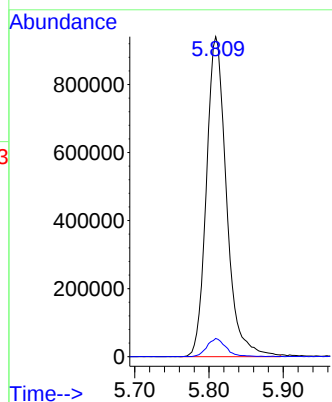
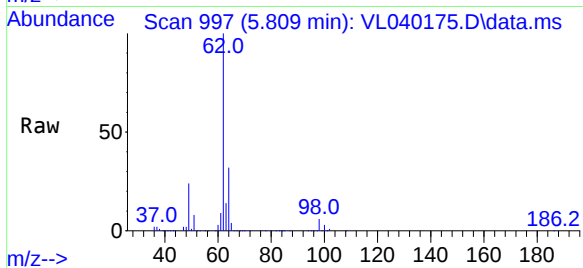
VSTDIC015

Tgt Ion: 62 Resp: 1763254

Ion Ratio Lower Upper

62 100

98 5.5 4.7 7.1



#38

Trichloroethene

Concen: 15.792 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion:130 Resp: 1680628

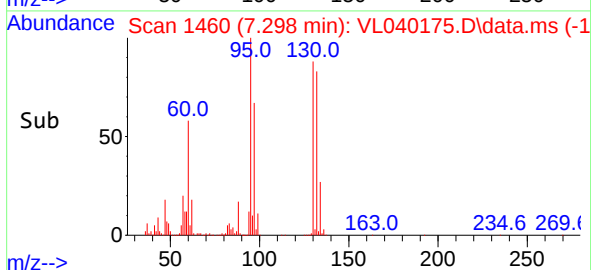
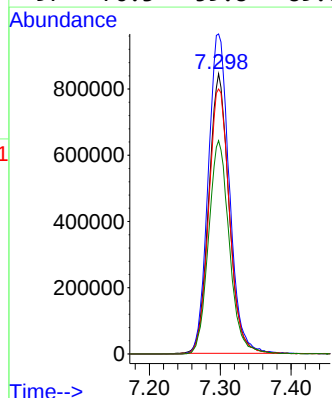
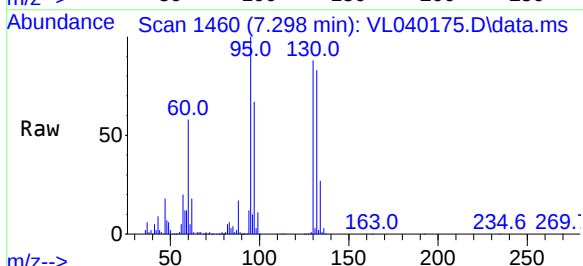
Ion Ratio Lower Upper

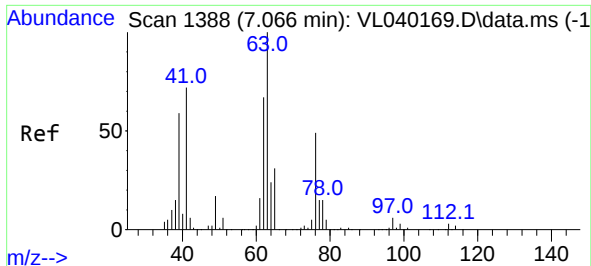
130 100

95 114.4 94.7 142.1

132 94.8 76.4 114.6

97 76.3 59.8 89.6





#39

1,2-Dichloropropane

Concen: 14.453 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

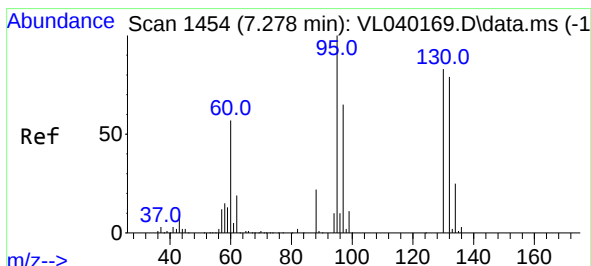
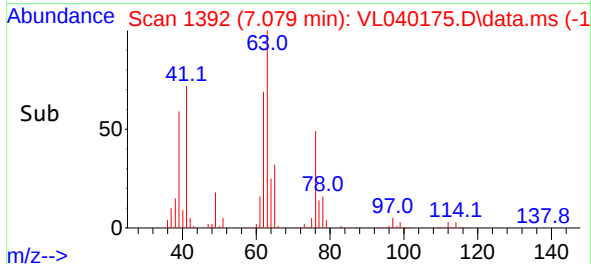
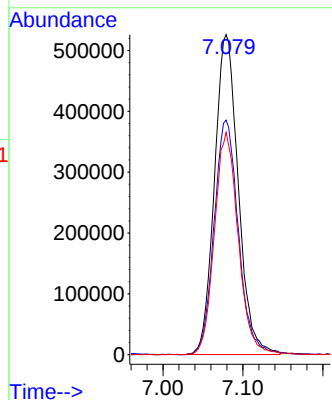
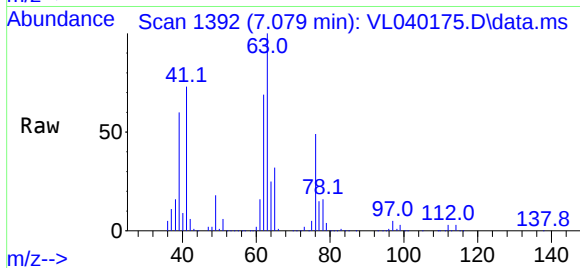
Tgt Ion: 63 Resp: 1085858

Ion Ratio Lower Upper

63 100

41 73.3 57.6 86.4

62 69.4 54.0 81.0



#40

1,4-Dioxane

Concen: 13.269 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion: 88 Resp: 398790

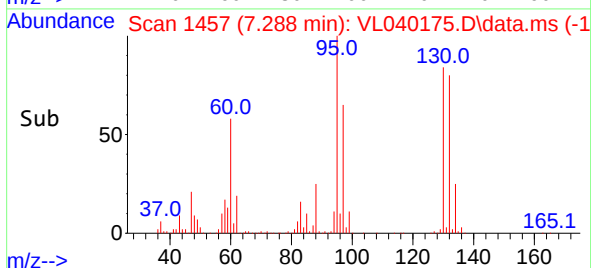
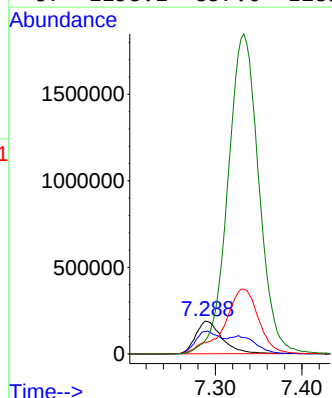
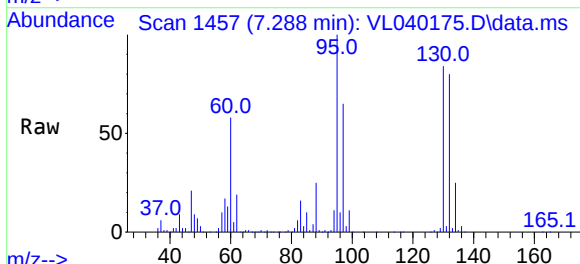
Ion Ratio Lower Upper

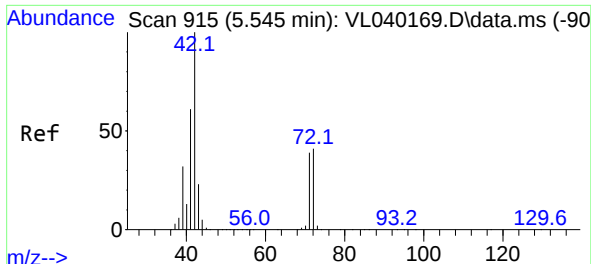
88 100

58 125.0 97.4 146.0

43 261.4 193.5 290.3

57 1158.1 857.0 1285.6





#41

Tetrahydrofuran

Concen: 15.221 ppbv

RT: 5.555 min Scan# 915

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

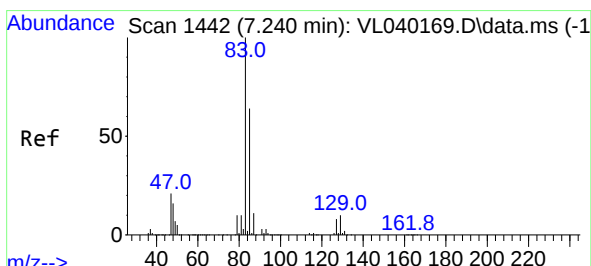
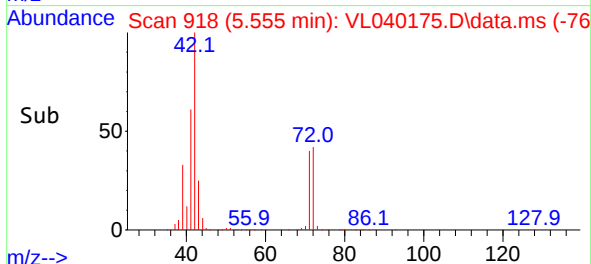
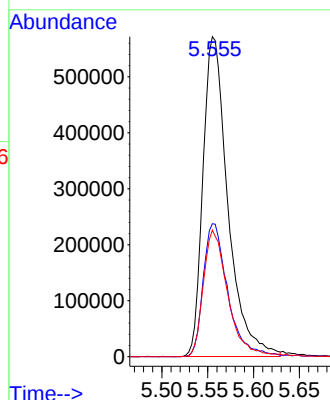
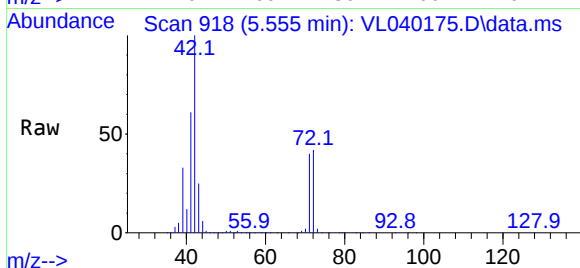
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 1079858

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.0	49.4
71	39.3	31.4	47.2



#42

Bromodichloromethane

Concen: 15.202 ppbv

RT: 7.256 min Scan# 1447

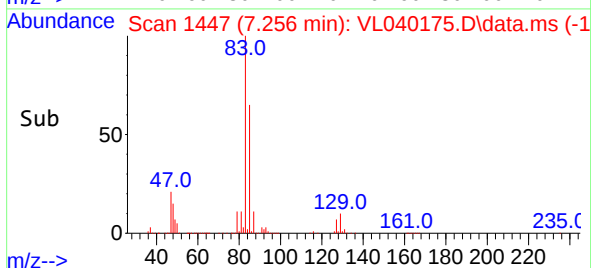
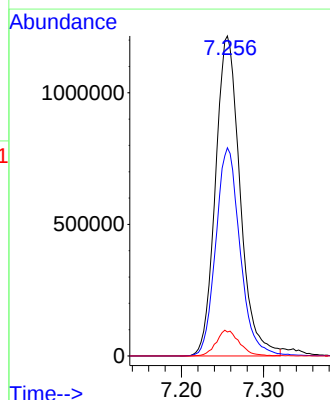
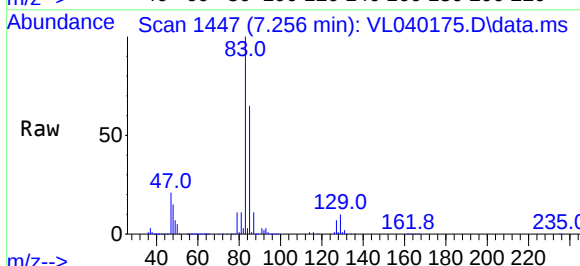
Delta R.T. 0.016 min

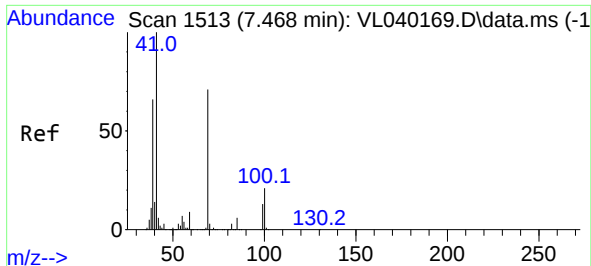
Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion: 83 Resp: 2534438

Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3
127	7.5	6.2	9.2



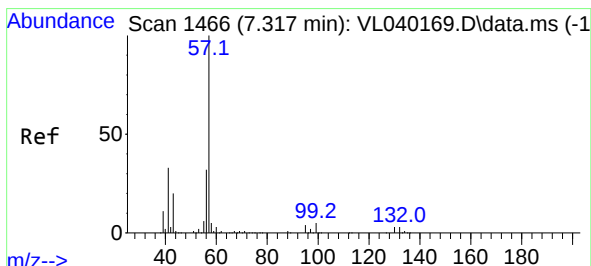
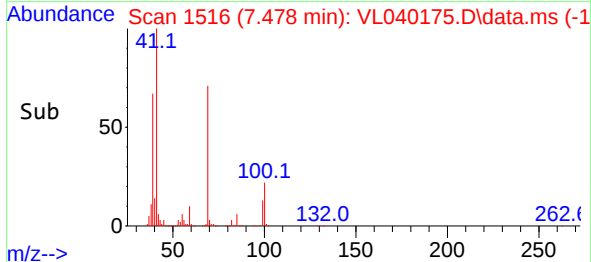
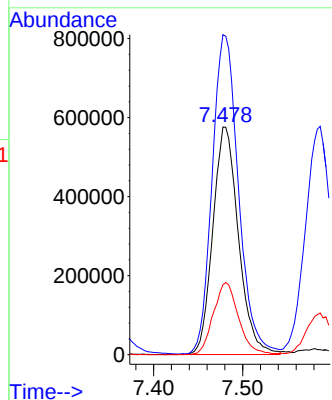
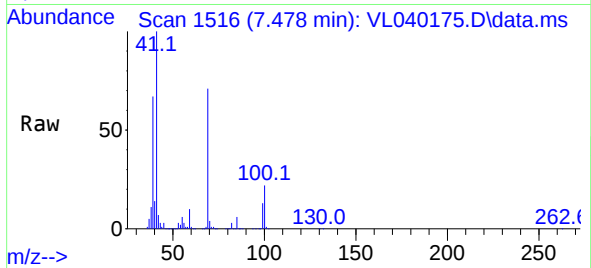


#43
Methyl Methacrylate
Concen: 16.088 ppbv
RT: 7.478 min Scan# 1149683
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 1149683

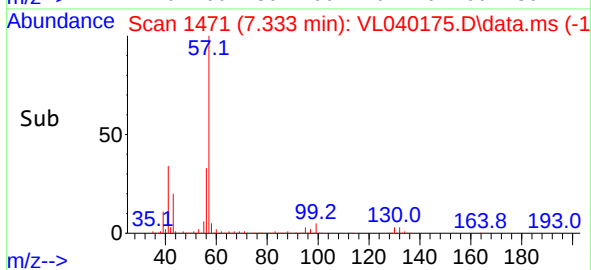
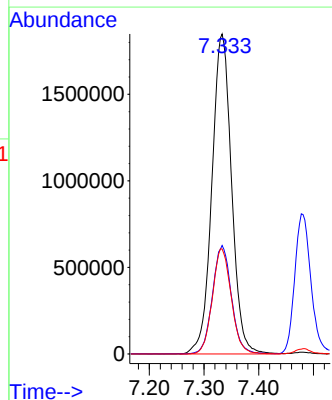
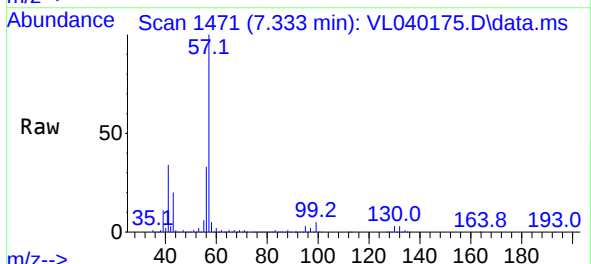
Ion	Ratio	Lower	Upper
69	100		
41	144.6	116.6	174.8
100	31.1	25.6	38.4

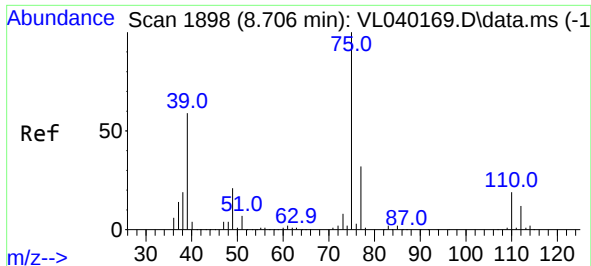


#44
2,2,4-Trimethylpentane
Concen: 14.312 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 57 Resp: 4614240

Ion	Ratio	Lower	Upper
57	100		
41	32.8	26.2	39.4
56	31.6	24.9	37.3





#45

t-1,3-Dichloropropene

Concen: 18.507 ppbv

RT: 8.719 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

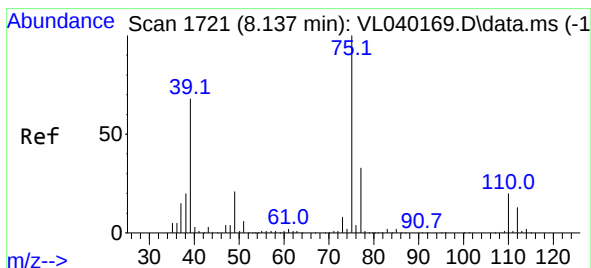
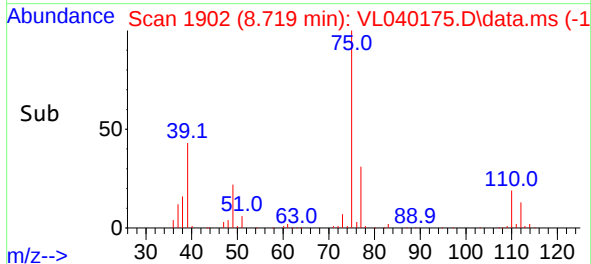
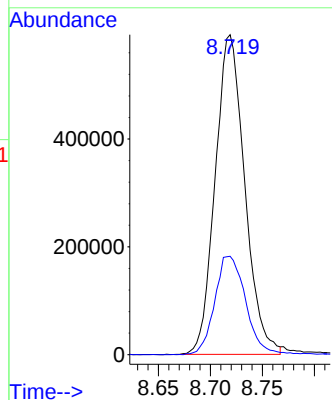
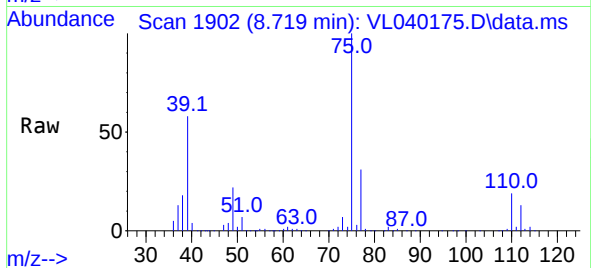
VSTDIC015

Tgt Ion: 75 Resp: 1173178

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5



#46

cis-1,3-Dichloropropene

Concen: 17.422 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

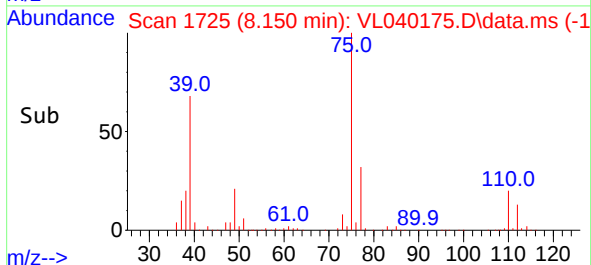
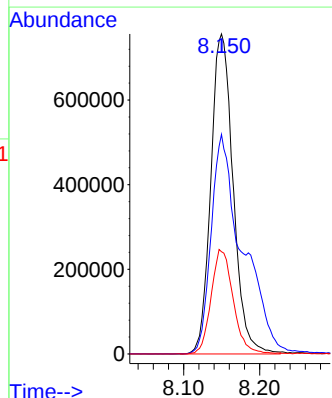
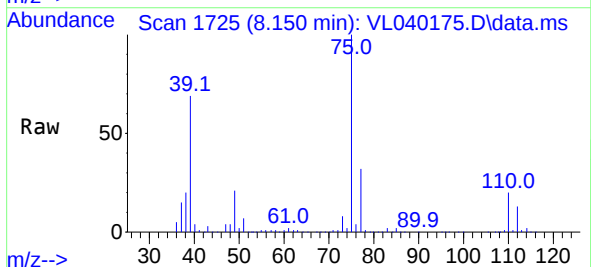
Tgt Ion: 75 Resp: 1538562

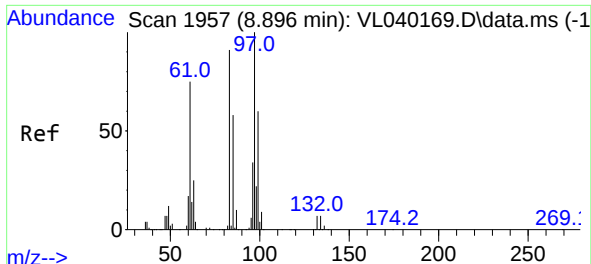
Ion Ratio Lower Upper

75 100

39 68.5 54.2 81.2

77 31.9 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 14.718 ppbv

RT: 8.909 min Scan# 1957

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1196044

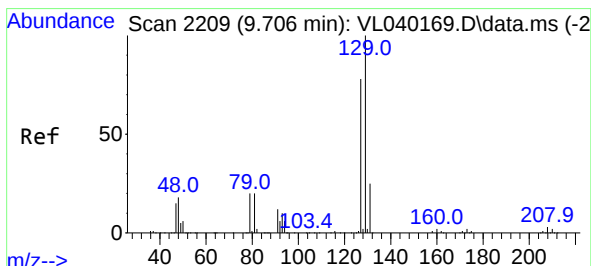
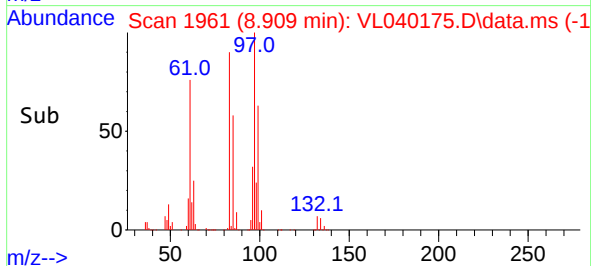
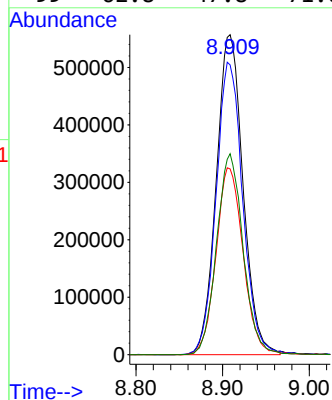
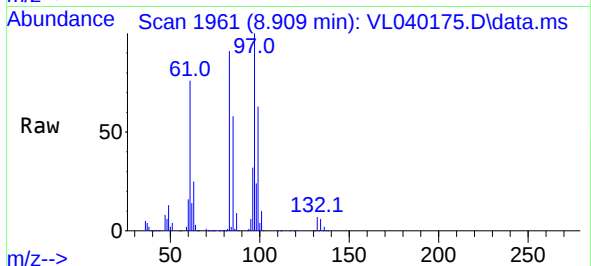
Ion Ratio Lower Upper

97 100

83 90.5 72.8 109.2

85 58.1 46.6 69.8

99 62.8 47.8 71.6



#48

Dibromochloromethane

Concen: 16.358 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.016 min

Lab File: VL040175.D

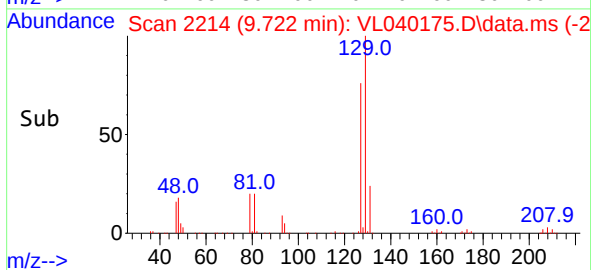
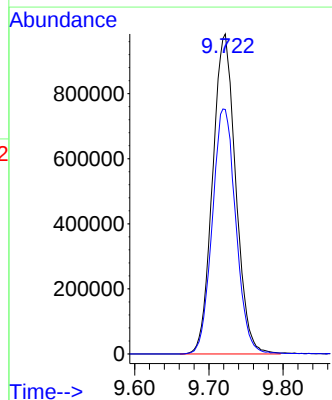
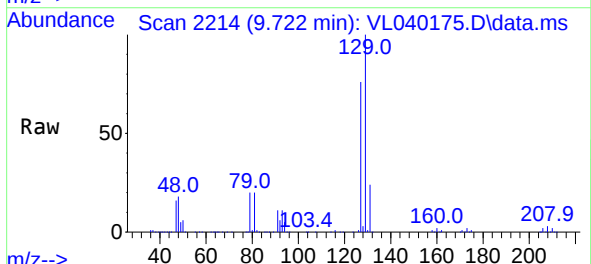
Acq: 15 Feb 2023 14:18

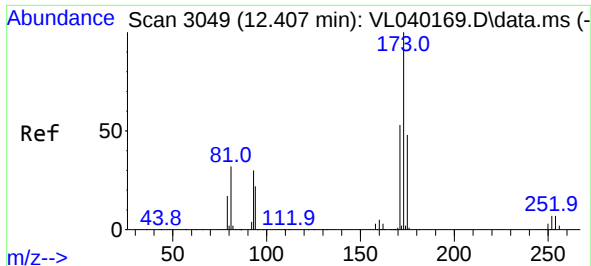
Tgt Ion: 129 Resp: 2126145

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.2

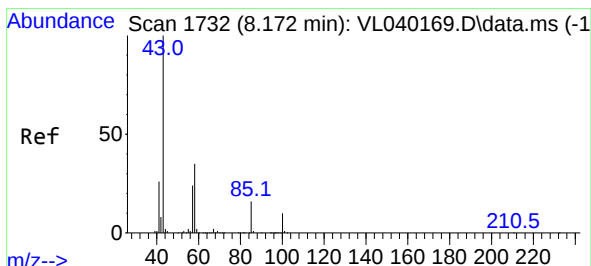
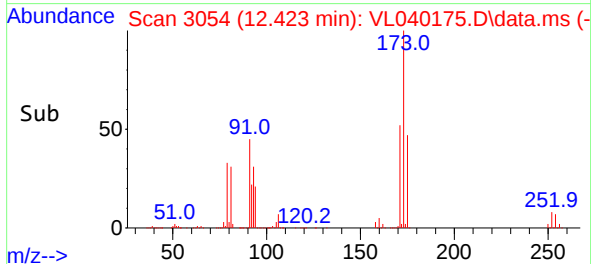
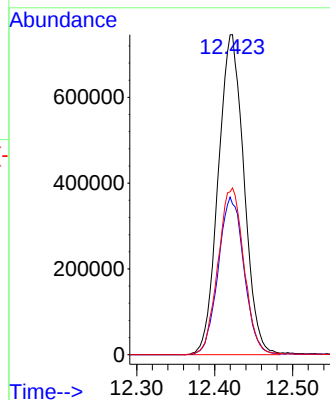
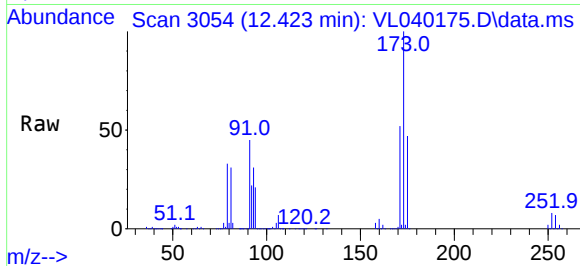




#49
Bromoform
Concen: 16.891 ppbv
RT: 12.423 min Scan# 3049
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

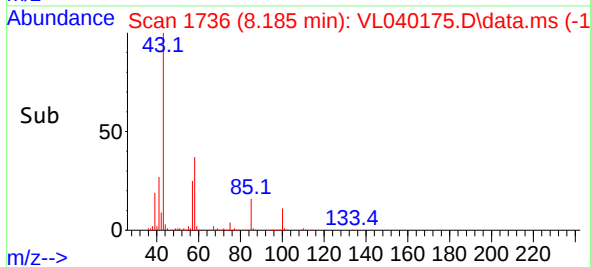
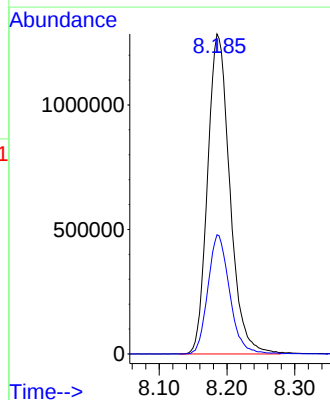
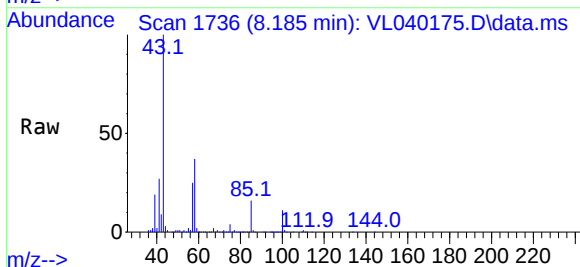
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

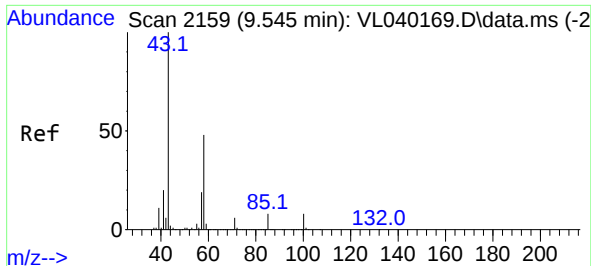
Tgt Ion:173 Resp: 1713542
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.0
171 52.7 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 15.407 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 43 Resp: 2928530
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8

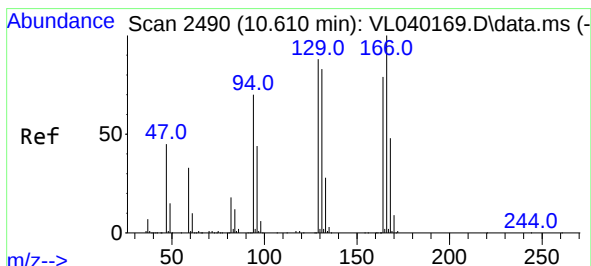
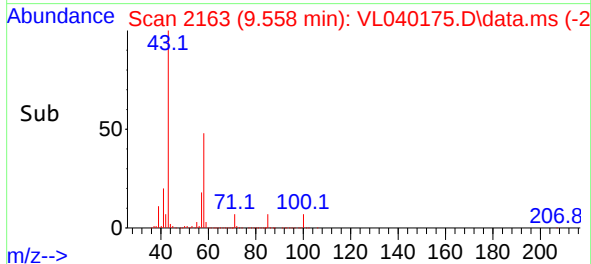
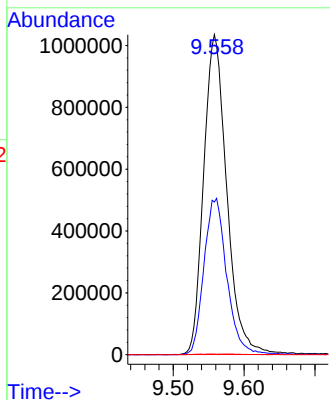
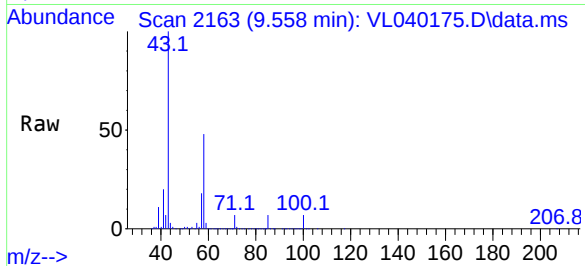




#51
2-Hexanone
Concen: 15.991 ppbv
RT: 9.558 min Scan# 2159
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

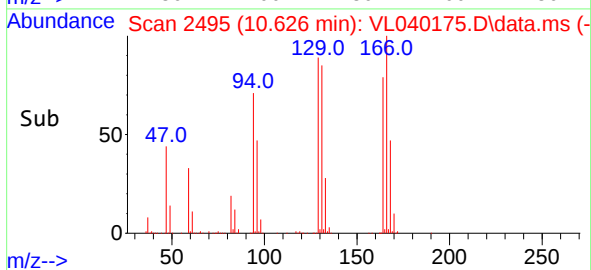
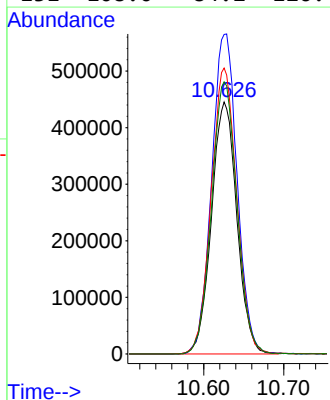
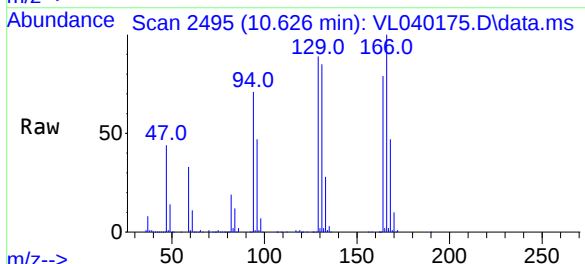
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

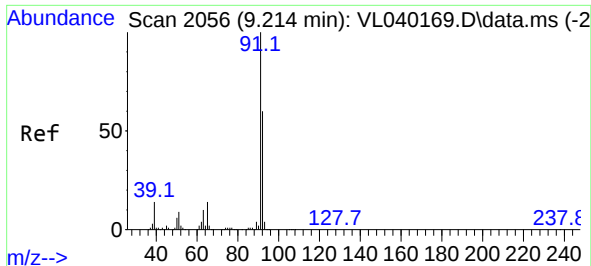
Tgt Ion: 43 Resp: 2337696
Ion Ratio Lower Upper
43 100
58 48.6 39.1 58.7
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 16.257 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 164 Resp: 980408
Ion Ratio Lower Upper
164 100
166 126.7 101.5 152.3
129 113.3 89.0 133.4
131 108.0 84.2 126.4

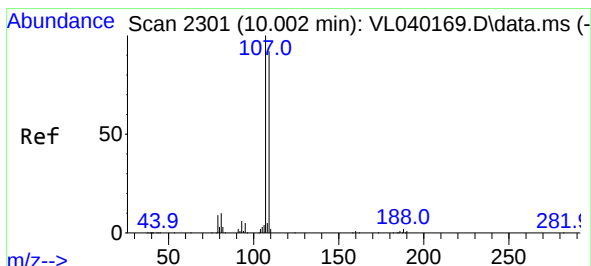
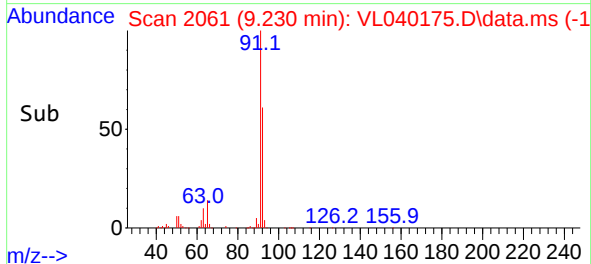
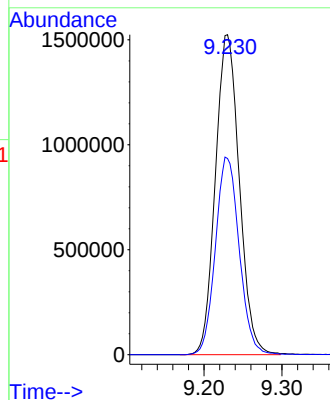
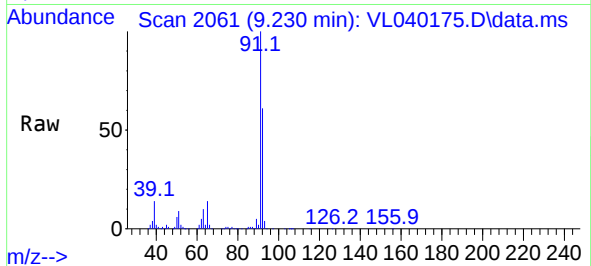




#53
Toluene
Concen: 15.747 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

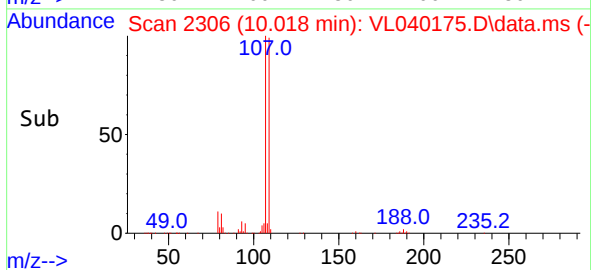
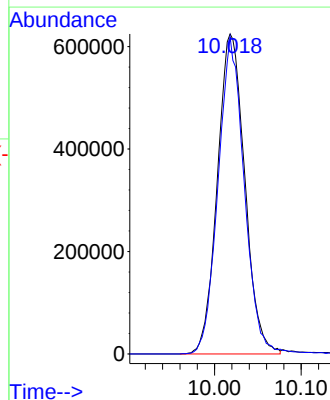
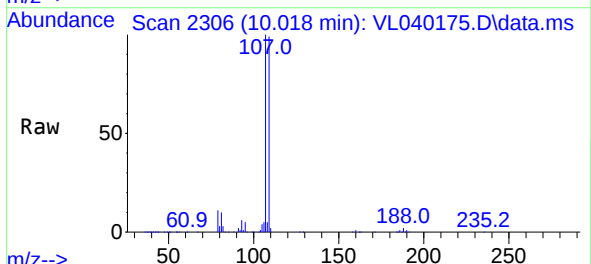
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

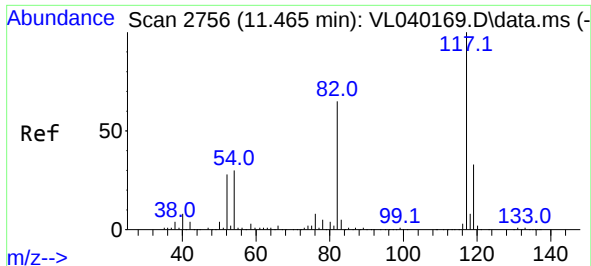
Tgt Ion: 91 Resp: 3257290
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3



#54
1,2-Dibromoethane
Concen: 16.188 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 107 Resp: 1368638
Ion Ratio Lower Upper
107 100
109 99.1 73.8 110.8

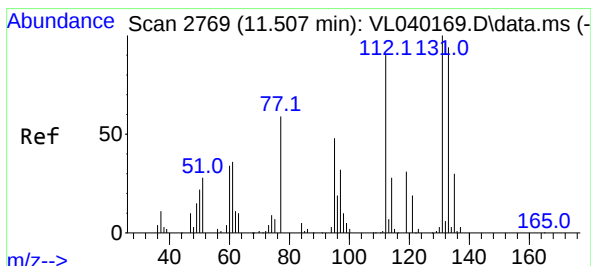
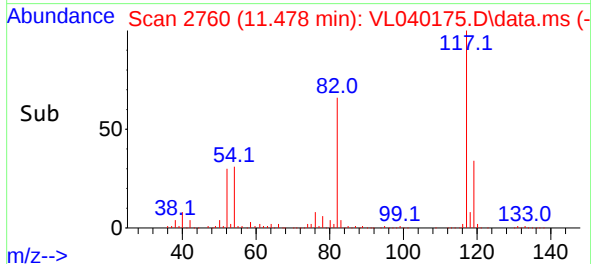
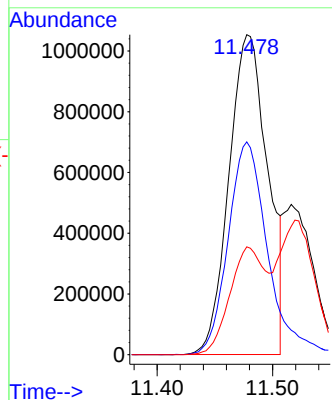
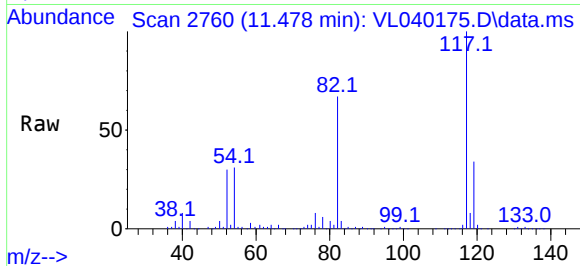




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2173
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

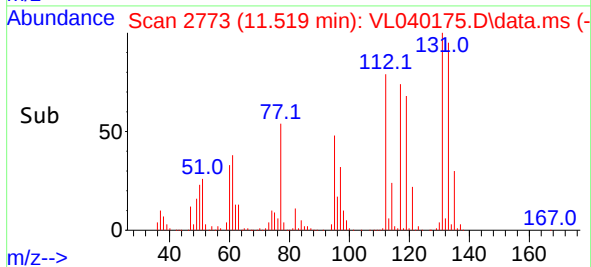
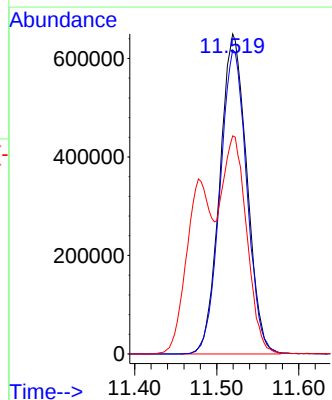
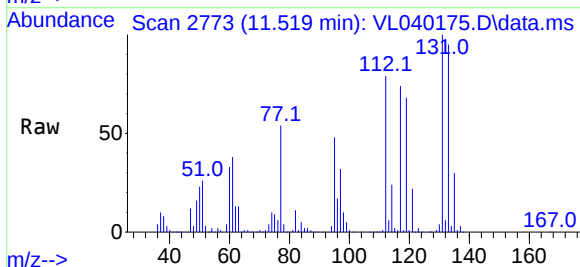
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

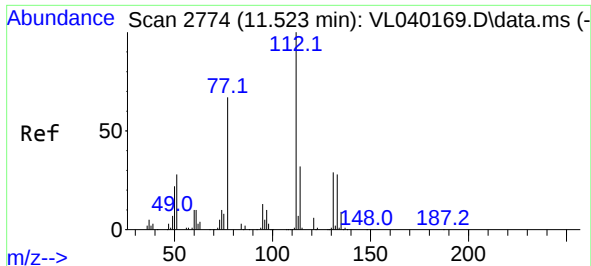
Tgt Ion:117 Resp: 2457794
Ion Ratio Lower Upper
117 100
82 68.3 53.3 79.9
119 30.6 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 14.413 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:131 Resp: 1487010
Ion Ratio Lower Upper
131 100
133 94.4 76.2 114.2
119 62.2 45.4 68.0

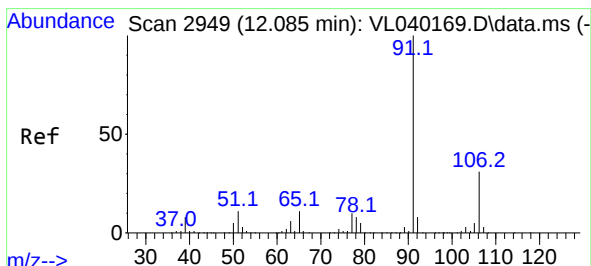
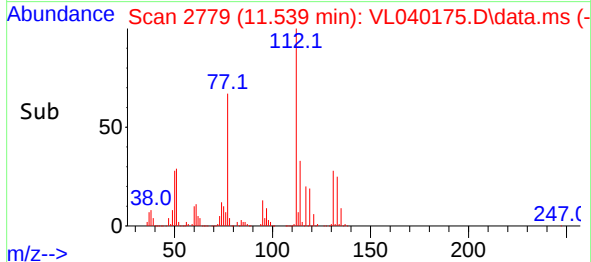
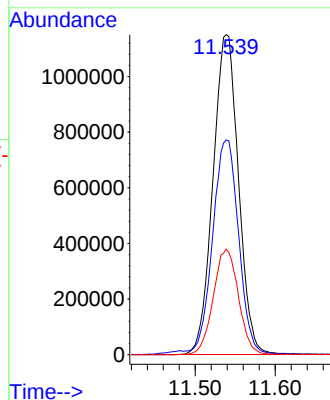
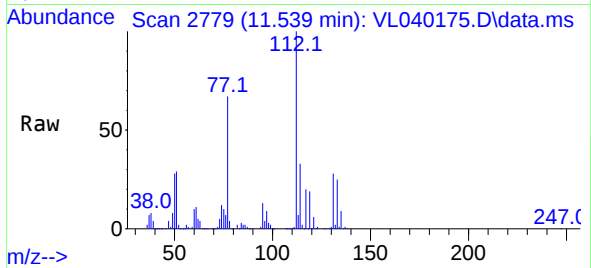




#57
Chlorobenzene
Concen: 14.176 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

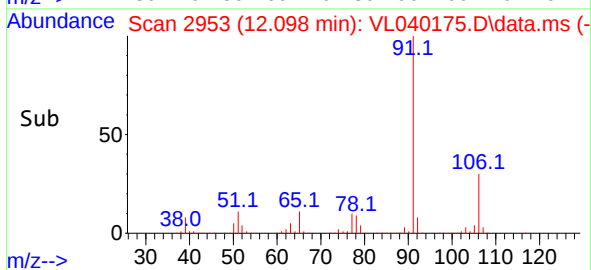
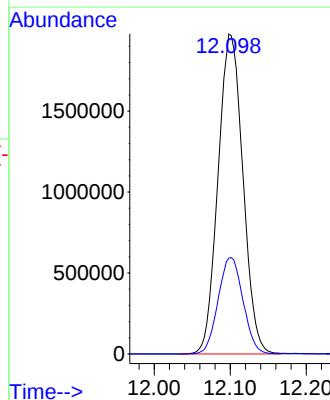
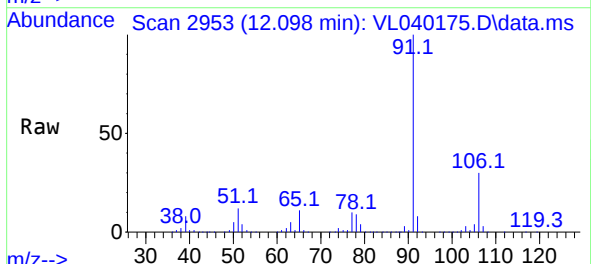
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

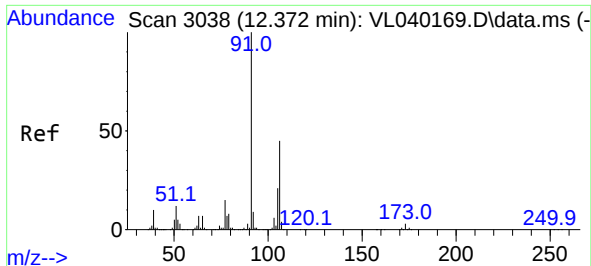
Tgt Ion:112 Resp: 2545491
Ion Ratio Lower Upper
112 100
77 66.8 55.0 82.4
114 32.9 29.0 35.4



#58
Ethyl Benzene
Concen: 15.012 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 91 Resp: 4482948
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3





#59

m/p-Xylene

Concen: 14.108 ppbv

RT: 12.384 min Scan# 3038

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

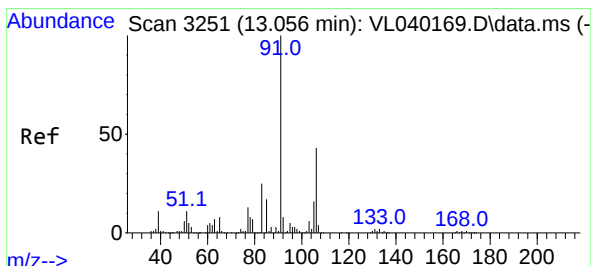
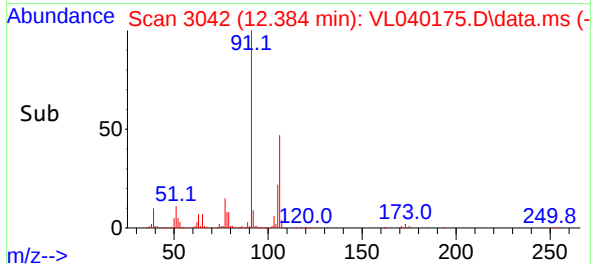
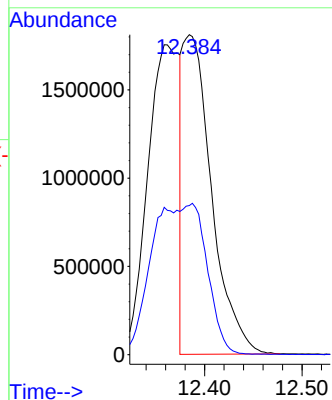
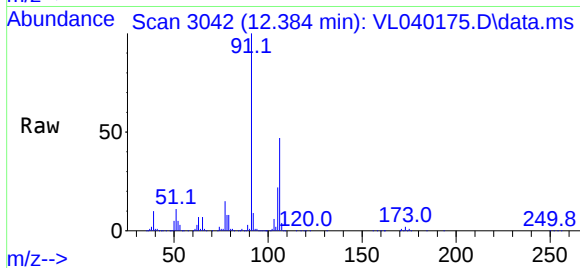
VSTDIC015

Tgt Ion: 91 Resp: 3731573

Ion Ratio Lower Upper

91 100

106 90.5 34.6 51.8#



#60

o-Xylene

Concen: 14.610 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.016 min

Lab File: VL040175.D

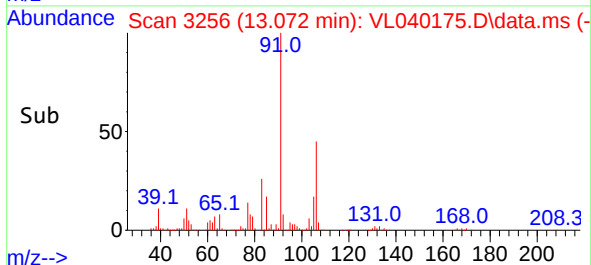
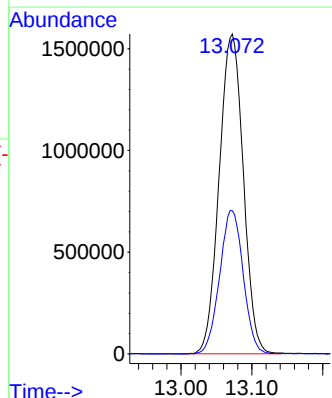
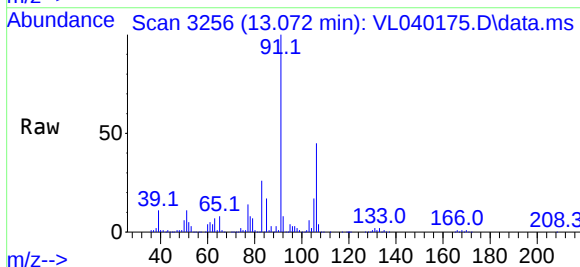
Acq: 15 Feb 2023 14:18

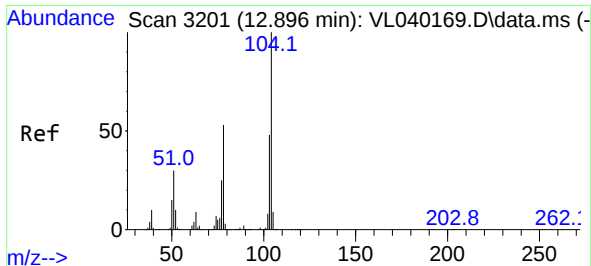
Tgt Ion: 91 Resp: 3718321

Ion Ratio Lower Upper

91 100

106 44.0 21.6 65.0

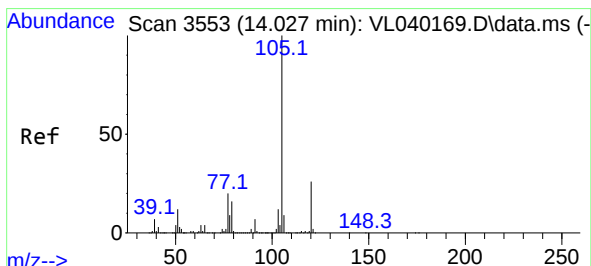
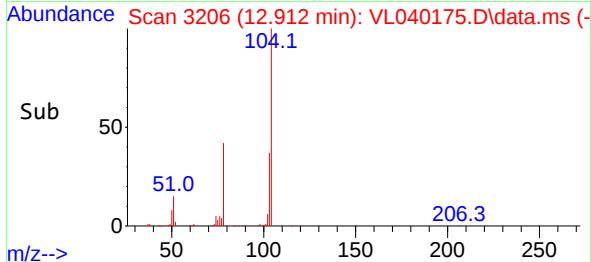
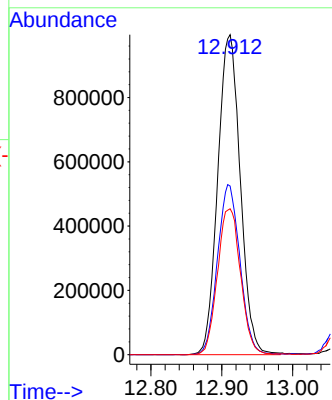
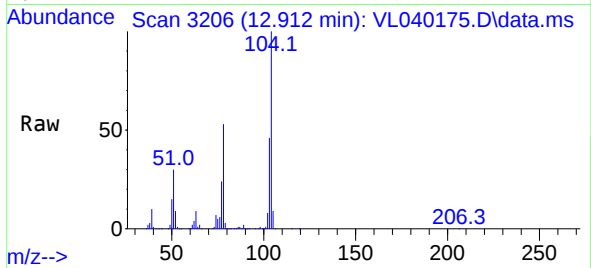




#61
Styrene
Concen: 16.458 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

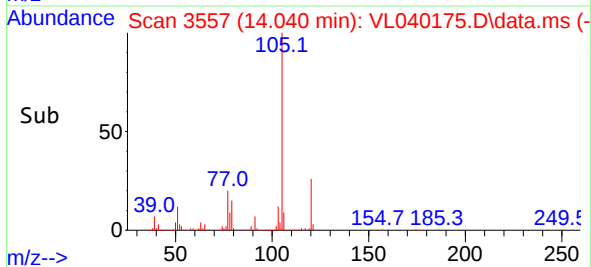
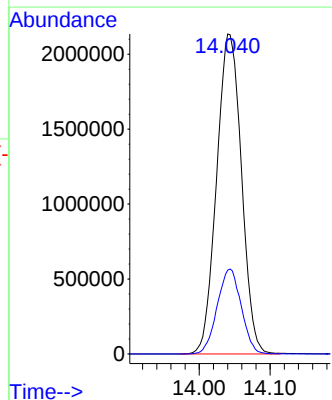
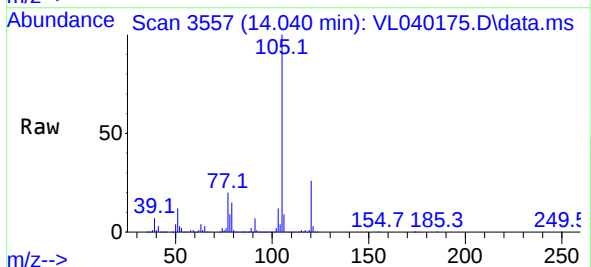
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

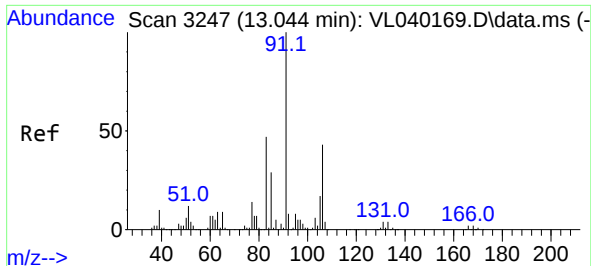
Tgt Ion:104 Resp: 2199067
Ion Ratio Lower Upper
104 100
78 53.0 42.3 63.5
103 46.9 37.5 56.3



#62
Isopropylbenzene
Concen: 14.227 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:105 Resp: 5197080
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5

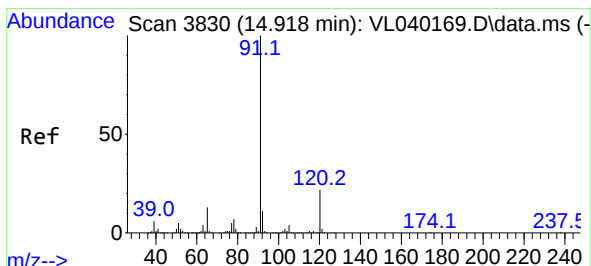
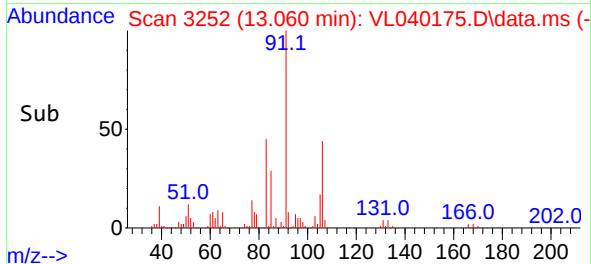
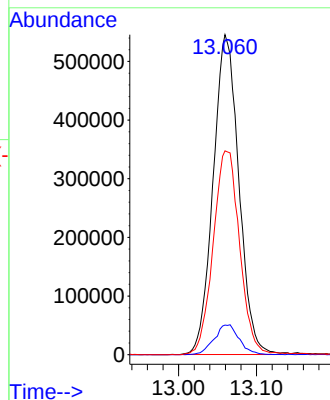
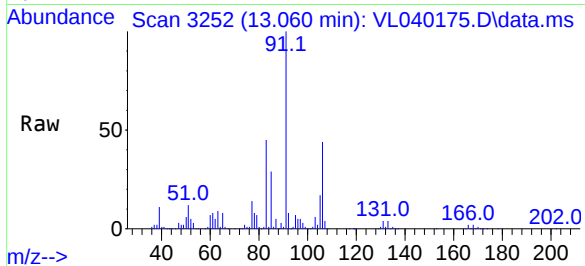




#63
1,1,2,2-Tetrachloroethane
Concen: 13.626 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

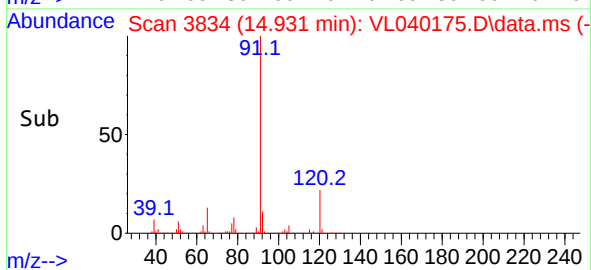
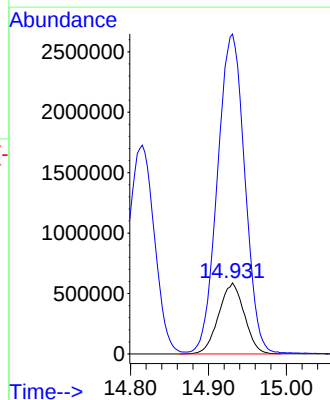
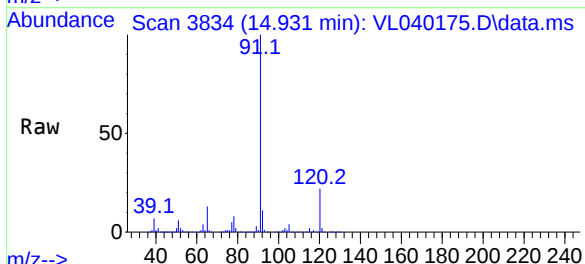
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

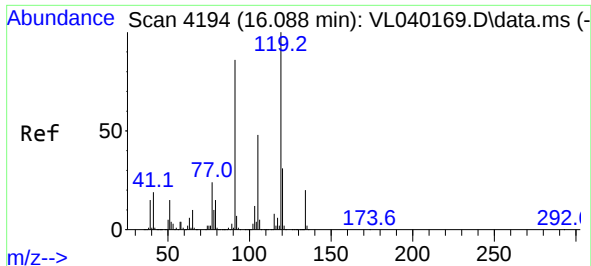
Tgt Ion: 83 Resp: 1249674
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 66.1 33.0 99.0



#64
n-propylbenzene
Concen: 14.852 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:120 Resp: 1342803
Ion Ratio Lower Upper
120 100
91 482.4 389.8 584.8

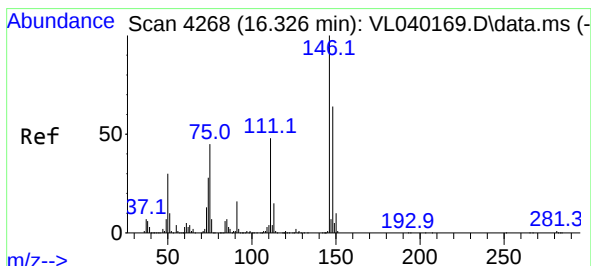
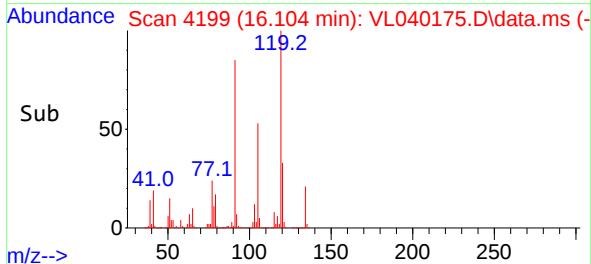
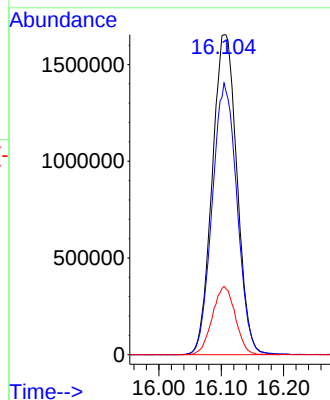
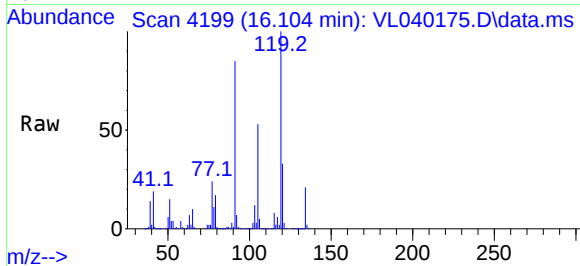




#65
tert-Butylbenzene
Concen: 14.363 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

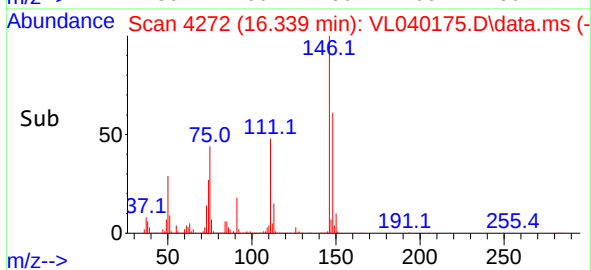
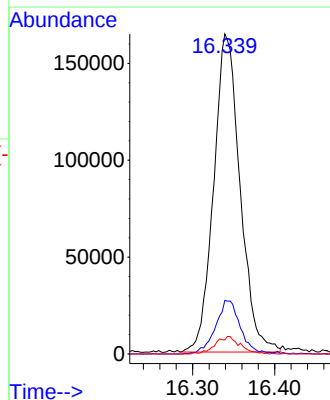
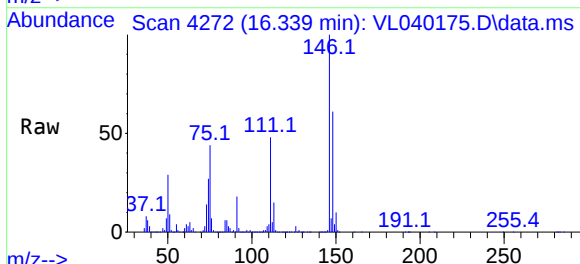
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

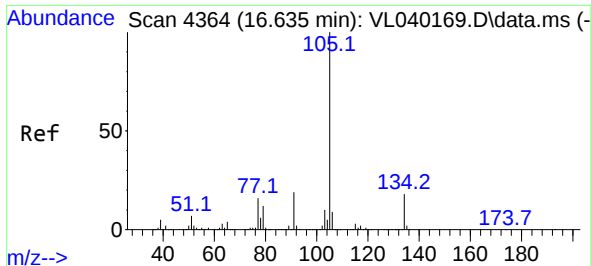
Tgt Ion:119 Resp: 4560922
Ion Ratio Lower Upper
119 100
91 85.0 68.6 102.8
134 19.8 15.9 23.9



#66
Benzyl Chloride
Concen: 17.392 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 91 Resp: 367521
Ion Ratio Lower Upper
91 100
126 16.0 13.1 19.7
128 5.2 4.1 6.1

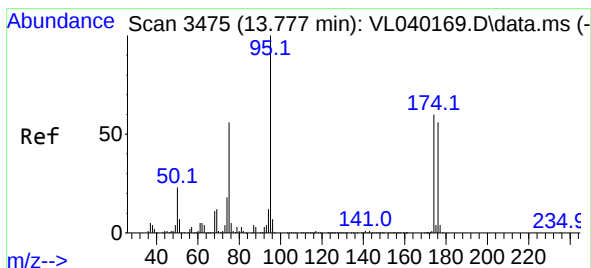
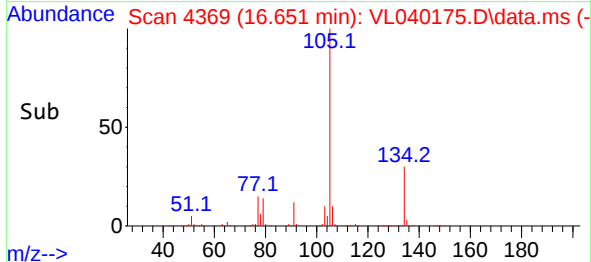
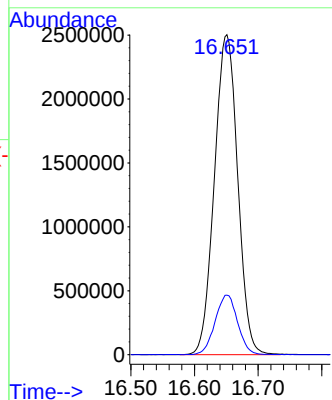
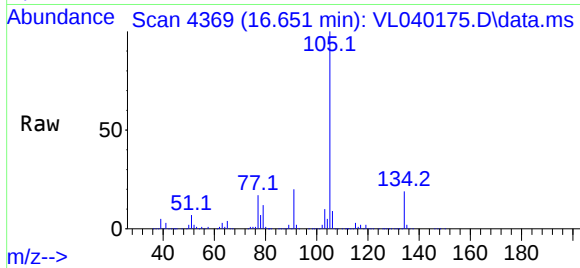




#67
 sec-Butylbenzene
 Concen: 13.967 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

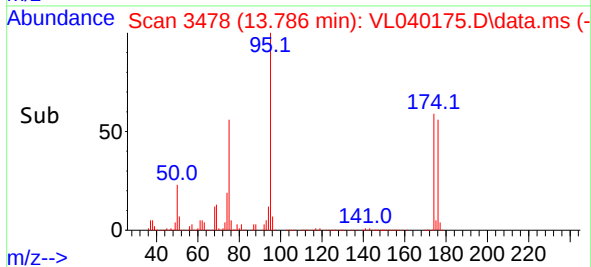
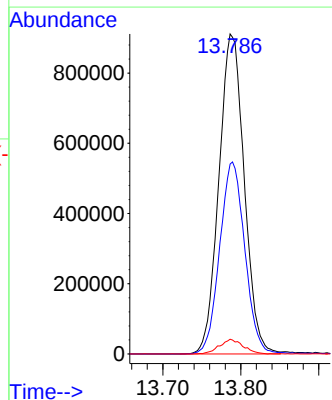
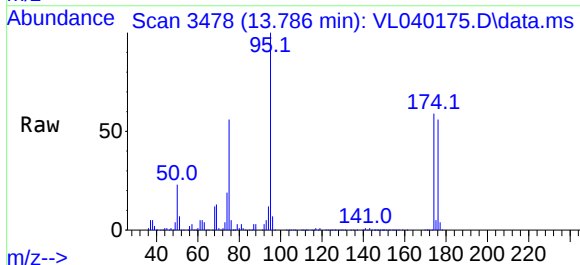
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

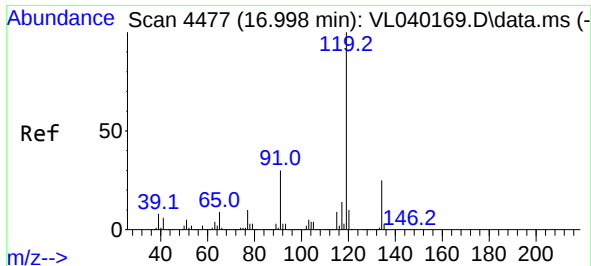
Tgt Ion:105 Resp: 6360747
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.170 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

Tgt Ion: 95 Resp: 2055352
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.2 72.2
 175 4.4 3.4 5.2

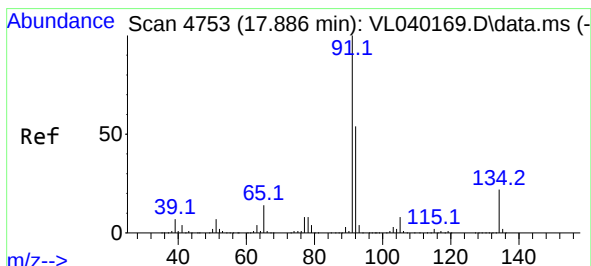
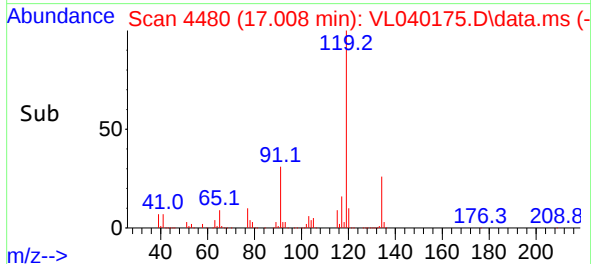
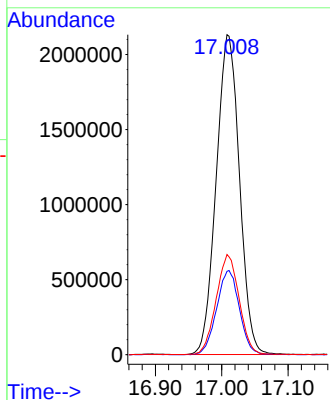
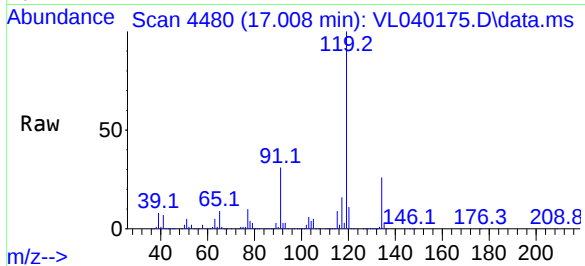




#69
p-Isopropyltoluene
Concen: 14.361 ppbv
RT: 17.008 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

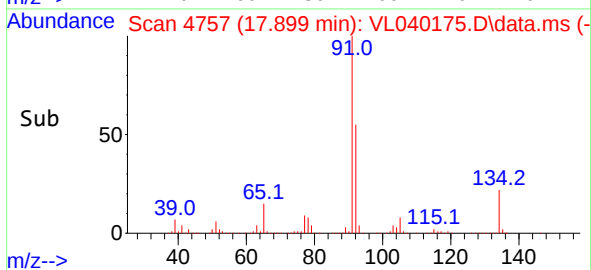
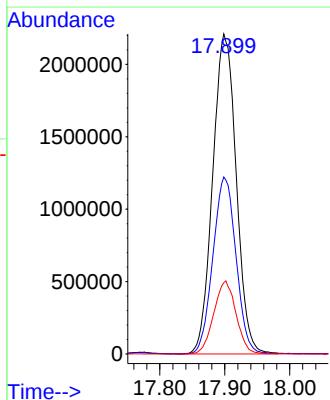
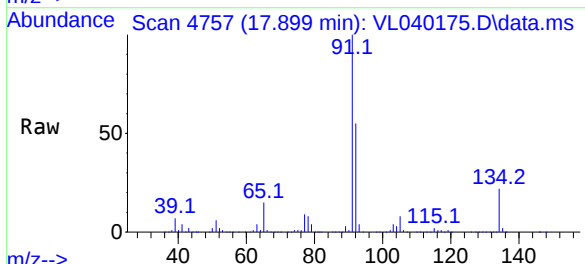
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

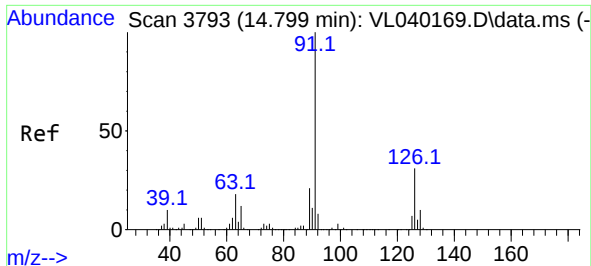
Tgt Ion:119 Resp: 5184546
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.2
91 31.0 24.7 37.1



#70
n-Butylbenzene
Concen: 14.158 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 91 Resp: 5547876
Ion Ratio Lower Upper
91 100
92 54.3 43.0 64.6
134 21.7 16.9 25.3

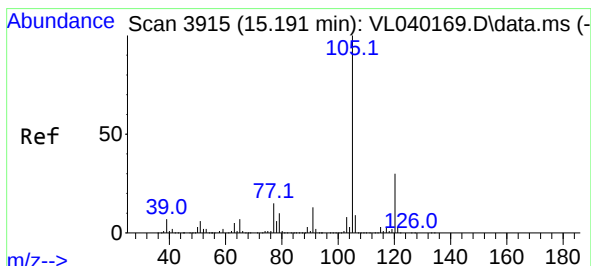
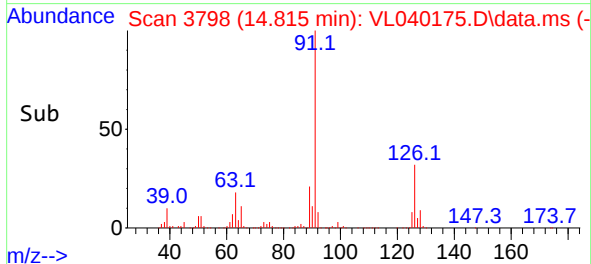
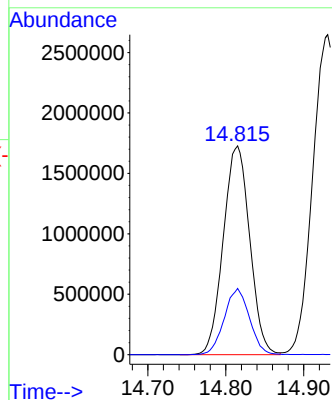
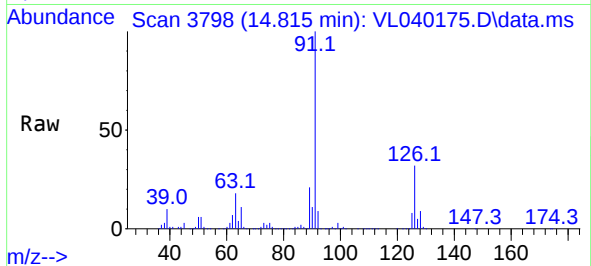




#71
2-Chlorotoluene
Concen: 14.584 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

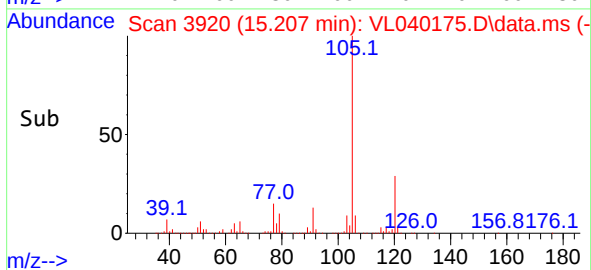
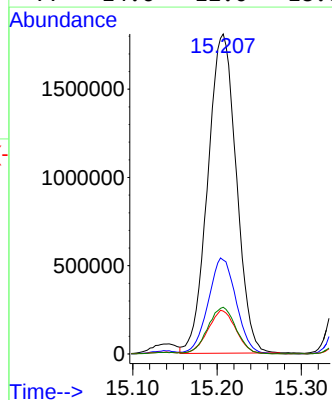
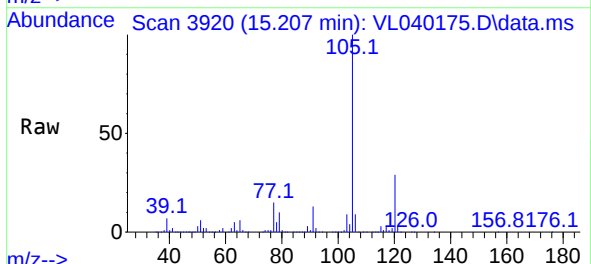
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

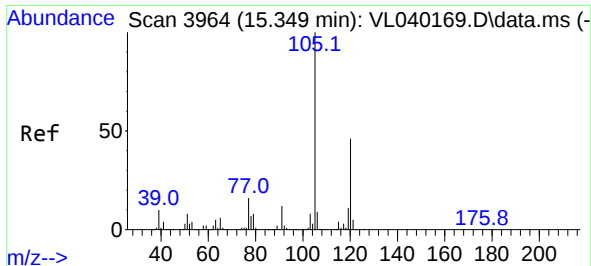
Tgt Ion: 91 Resp: 4074526
Ion Ratio Lower Upper
91 100
126 30.3 12.0 48.2



#72
4-Ethyltoluene
Concen: 15.117 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 105 Resp: 4252977
Ion Ratio Lower Upper
105 100
120 29.6 23.2 34.8
91 14.1 11.3 16.9
77 14.6 12.0 18.0

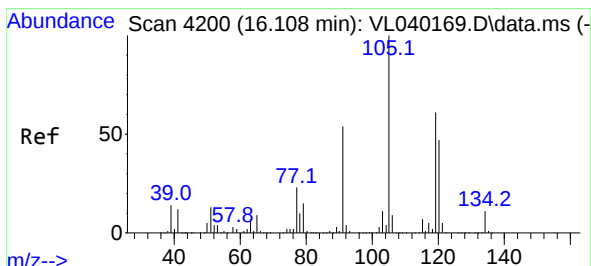
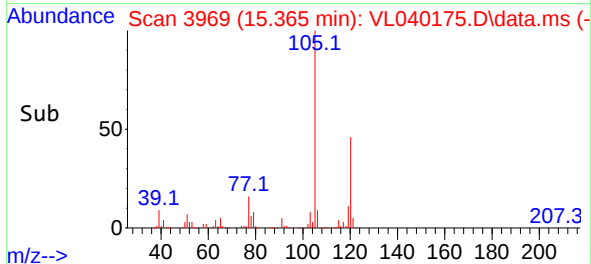
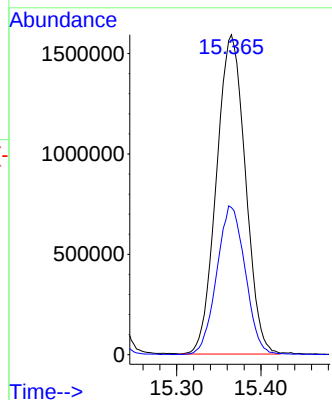
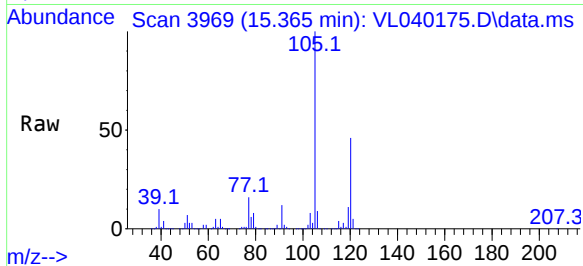




#73
1,3,5-Trimethylbenzene
Concen: 14.483 ppbv
RT: 15.365 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

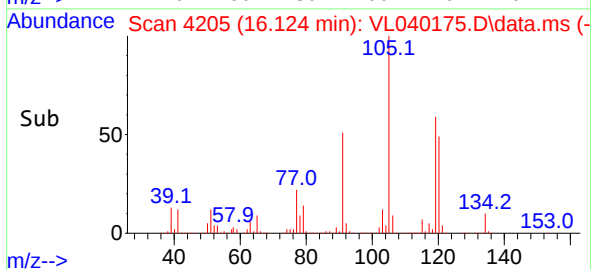
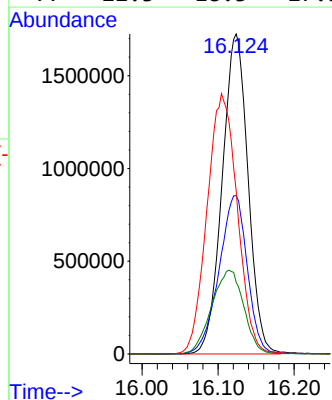
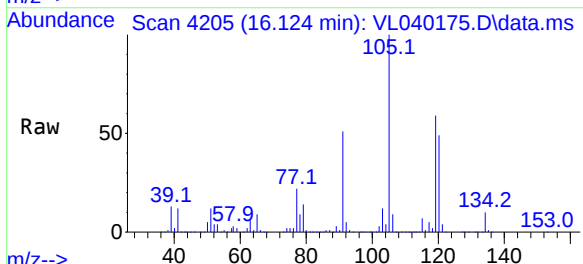
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

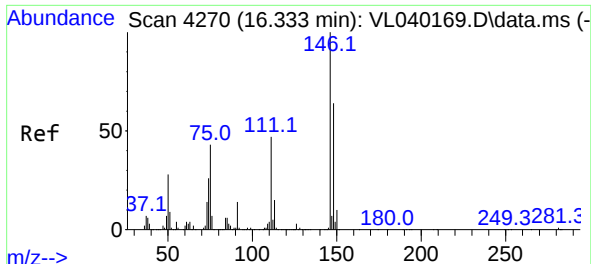
Tgt Ion:105 Resp: 3791391
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 14.165 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:105 Resp: 4073081
Ion Ratio Lower Upper
105 100
120 49.4 37.9 56.9
91 50.6 43.7 65.5
77 22.3 18.3 27.5

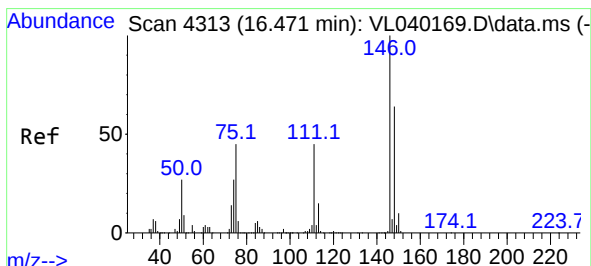
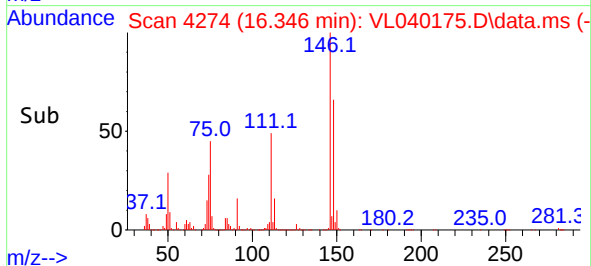
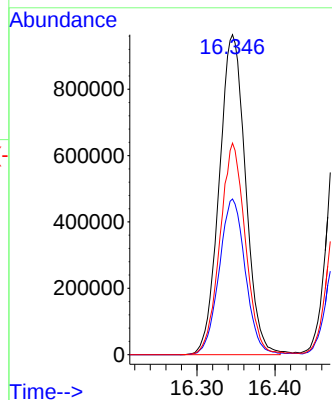
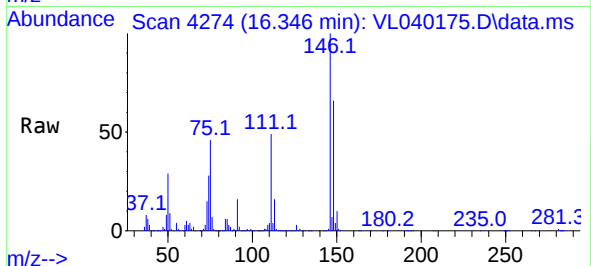




#75
1,3-Dichlorobenzene
Concen: 14.335 ppbv
RT: 16.346 min Scan# 4319
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

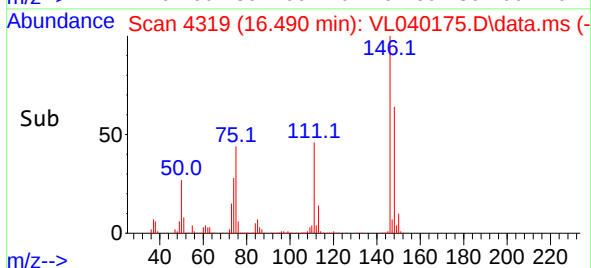
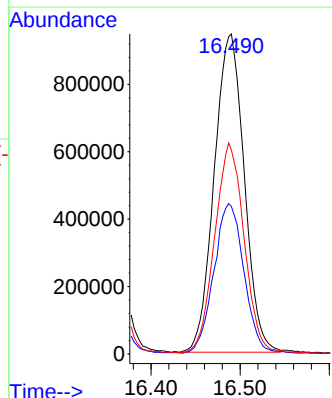
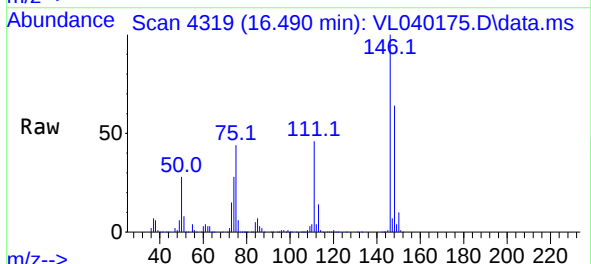
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

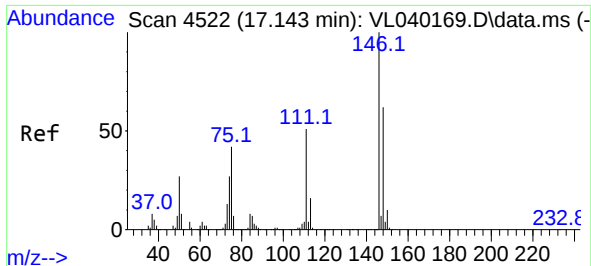
Tgt Ion:146 Resp: 2255741
Ion Ratio Lower Upper
146 100
111 48.6 23.9 71.8
148 64.3 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 14.320 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.019 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:146 Resp: 2208267
Ion Ratio Lower Upper
146 100
111 47.9 23.5 70.5
148 65.7 32.5 97.4

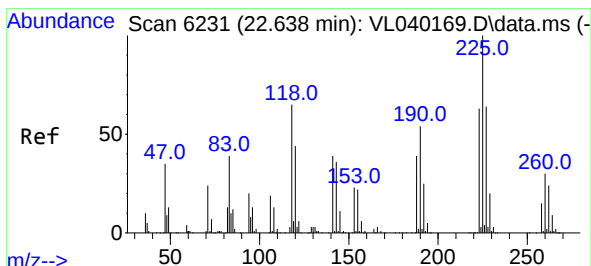
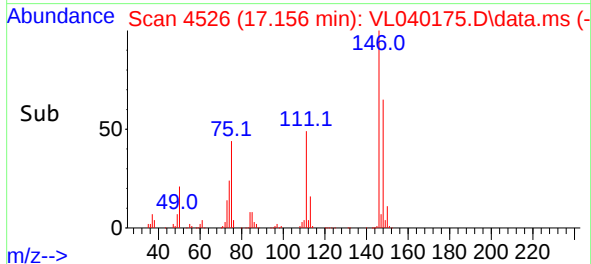
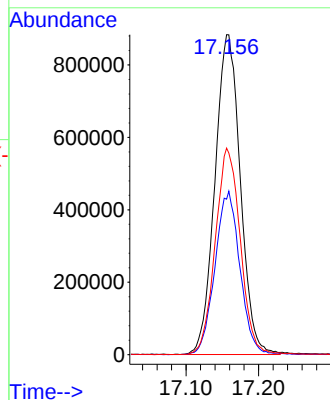
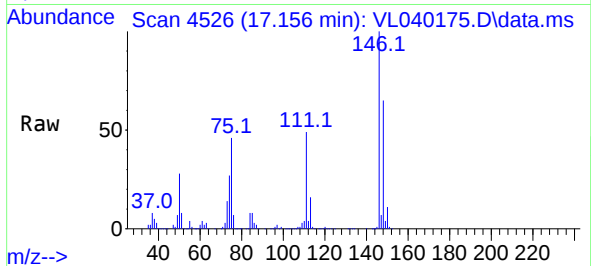




#77
1,2-Dichlorobenzene
Concen: 13.776 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

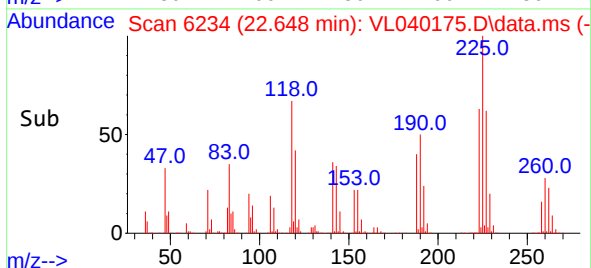
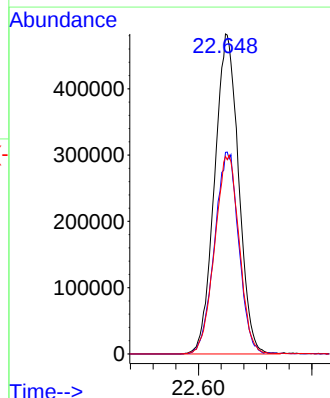
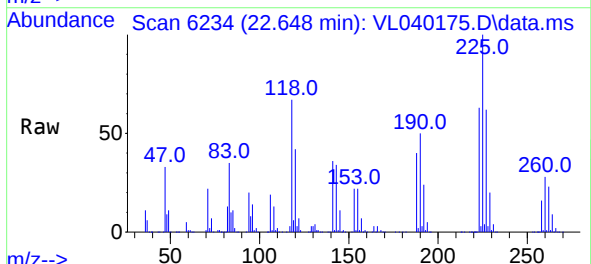
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

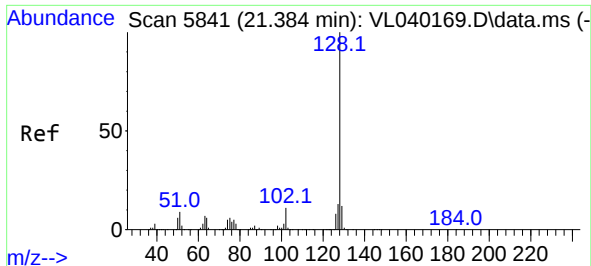
Tgt Ion:146 Resp: 2153337
Ion Ratio Lower Upper
146 100
111 50.3 25.3 75.8
148 63.9 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 13.233 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:225 Resp: 1421126
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 63.7 51.2 76.8

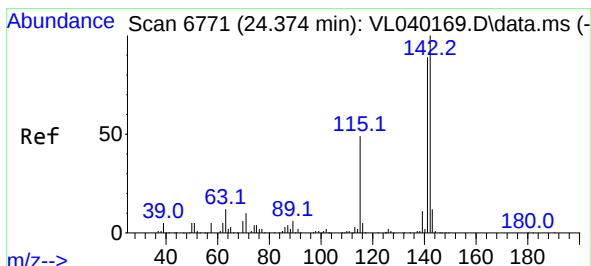
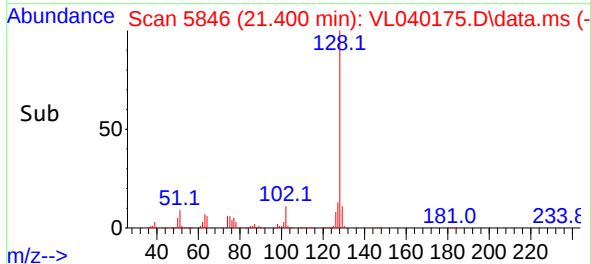
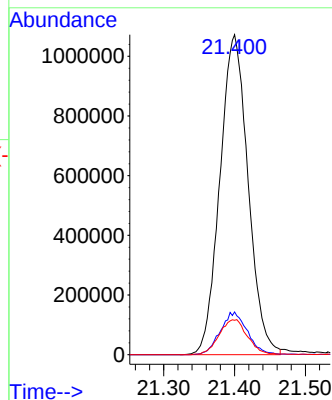
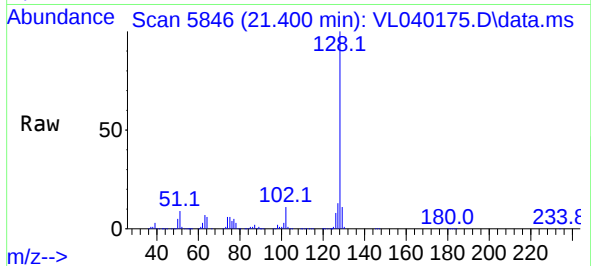




#79
Naphthalene
Concen: 18.359 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

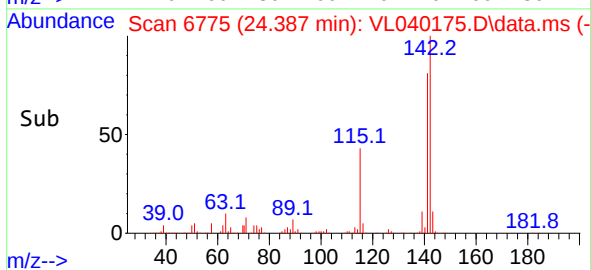
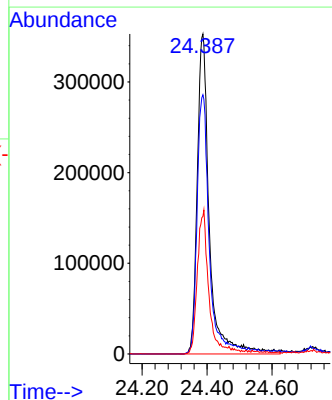
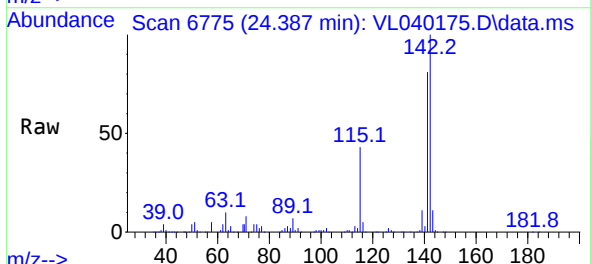
Instrument :
MSVOA_L
ClientSampleId :
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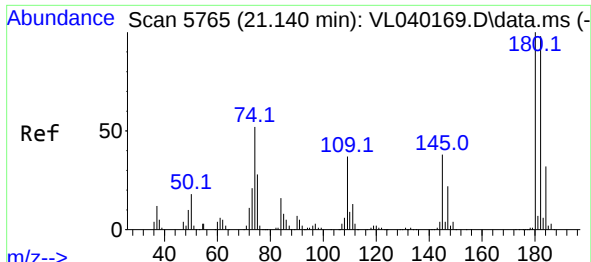
Tgt Ion:128 Resp: 2965817
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.8 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 19.924 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:142 Resp: 915269
Ion Ratio Lower Upper
142 100
141 82.6 67.3 100.9
115 42.6 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 15.556 ppbv
 RT: 21.156 min Scan# 51
 Delta R.T. 0.016 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 1572551
 Ion Ratio Lower Upper
 180 100
 182 96.0 79.0 118.6
 184 30.9 24.6 36.8

