

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040248.D
 Acq On : 8 Mar 2023 10:49
 Operator : SY/MD
 Sample : VL0308ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01

Quant Time: Mar 09 04:09:56 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 Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	951052	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2424261	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2264431	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1859248	9.985	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1231630	6.948	ppbv	98
3) Chlorodifluoromethane	2.658	51	1092895	9.619	ppbv	100
4) Chloromethane	2.796	50	688913	9.654	ppbv	97
5) Vinyl Chloride	2.902	62	602801	10.511	ppbv	100
6) Bromomethane	3.102	94	197867	9.560	ppbv	92
7) Chloroethane	3.179	64	226829	9.974	ppbv	98
8) Dichlorotetrafluoroethane	2.838	85	1471285	9.633	ppbv	100
9) Propene	2.677	41	451048	9.740	ppbv	98
10) Heptane	7.568	43	1137484	10.320	ppbv	100
11) Trichlorofluoromethane	3.546	101	1590842	10.003	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1186452	10.112	ppbv	98
13) Ethanol	3.230	45	28194	6.613	ppbv	85
14) Bromoethene	3.346	108	471464	10.479	ppbv	98
15) Acetone	3.449	43	1067889	9.326	ppbv	99
16) 1,3-Butadiene	2.967	39	538066	10.290	ppbv	99
17) tert-Butyl alcohol	3.861	59	1115685	10.684	ppbv	99
18) 1,1-Dichloroethene	3.864	96	528655	10.370	ppbv	99
19) Isopropyl Alcohol	3.555	45	534491	9.820	ppbv	99
20) Methylene Chloride	3.915	84	447695	7.511	ppbv	95
21) Allyl Chloride	3.980	41	753511	10.729	ppbv	98
22) trans-1,2-Dichloroethene	4.426	96	549095	10.402	ppbv	90
23) Vinyl Acetate	4.610	43	350648	10.091	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1102237	10.148	ppbv	99
25) Ethyl Acetate	5.189	43	2080315	9.773	ppbv	99
26) Hexane	5.198	57	872846	9.552	ppbv	100
27) Carbon Disulfide	4.108	76	1310046	11.298	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	988996	10.101	ppbv	98
29) Chloroform	5.259	83	1534428	9.780	ppbv	98
30) Cyclohexane	6.584	84	741848	10.339	ppbv	99
31) cis-1,2-Dichloroethene	5.063	61	823891	9.490	ppbv	95
32) 1,1,1-Trichloroethane	5.989	97	1527809	10.364	ppbv	99
34) 2-Butanone	4.767	43	1185813	9.916	ppbv	98
35) Carbon Tetrachloride	6.478	117	1595092	11.130	ppbv	98
36) Benzene	6.356	78	1872632	9.926	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1201277	10.181	ppbv	99
38) Trichloroethene	7.275	130	1115296	10.728	ppbv	99
39) 1,2-Dichloropropane	7.060	63	723012	9.851	ppbv	97
40) 1,4-Dioxane	7.272	88	284989	9.707	ppbv	94
41) Tetrahydrofuran	5.542	42	711995	10.274	ppbv	98
42) Bromodichloromethane	7.317	83	11098	0.068	ppbv #	39
43) Methyl Methacrylate	7.462	69	744953	10.671	ppbv	100
44) 2,2,4-Trimethylpentane	7.314	57	3146089	9.990	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	722405	11.666	ppbv	99

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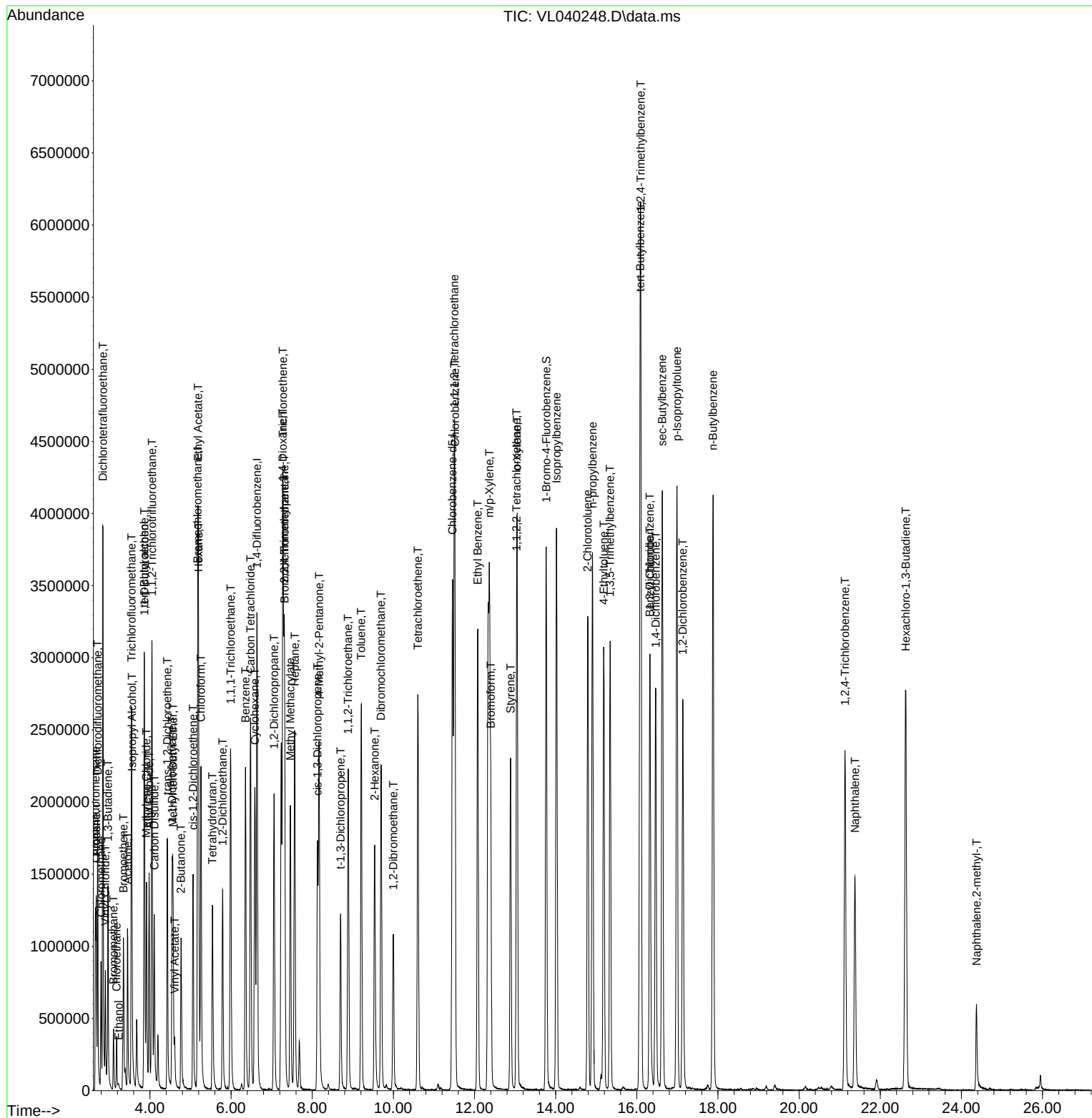
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	971904	11.266	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	778668	9.809	ppbv	98
48) Dibromochloromethane	9.696	129	1359320	10.706	ppbv	99
49) Bromoform	12.400	173	1063864	10.735	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	1973351	10.628	ppbv	100
51) 2-Hexanone	9.539	43	1525763	10.685	ppbv	98
52) Tetrachloroethene	10.603	164	623735	10.588	ppbv	98
53) Toluene	9.208	91	2126282	10.523	ppbv	100
54) 1,2-Dibromoethane	9.999	107	872465	10.564	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.500	131	976515	10.273	ppbv	94
57) Chlorobenzene	11.516	112	1633980	9.877	ppbv	98
58) Ethyl Benzene	12.079	91	2918388	10.607	ppbv	99
59) m/p-Xylene	12.365	91	2687234	11.027	ppbv #	42
60) o-Xylene	13.047	91	2431463	10.370	ppbv	99
61) Styrene	12.889	104	1351599	10.979	ppbv	99
62) Isopropylbenzene	14.021	105	3421323	10.166	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	796295	9.424	ppbv	100
64) n-propylbenzene	14.908	120	859701	10.320	ppbv	96
65) tert-Butylbenzene	16.085	119	2964022	10.131	ppbv	99
66) Benzyl Chloride	16.320	91	201903	10.371	ppbv	99
67) sec-Butylbenzene	16.629	105	4207957	10.029	ppbv	100
69) p-Isopropyltoluene	16.989	119	3356977	10.092	ppbv	100
70) n-Butylbenzene	17.879	91	3652563	10.117	ppbv	99
71) 2-Chlorotoluene	14.789	91	2605170	10.121	ppbv	100
72) 4-Ethyltoluene	15.185	105	2731541	10.538	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	2426846	10.062	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	2641269	9.970	ppbv	95
75) 1,3-Dichlorobenzene	16.323	146	1419359	9.790	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1369063	9.636	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1370446	9.516	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	824275	8.331	ppbv	99
79) Naphthalene	21.378	128	1830801	12.301	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	373564	8.826	ppbv	98
81) 1,2,4-Trichlorobenzene	21.133	180	996822	10.703	ppbv	98

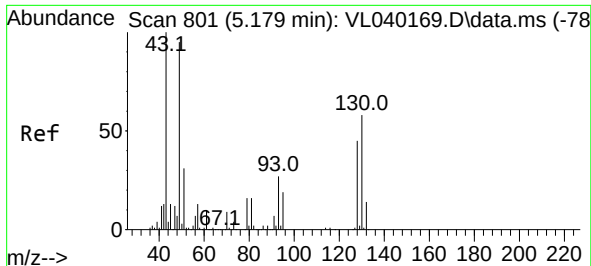
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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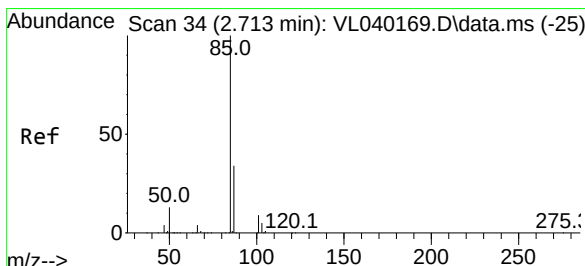
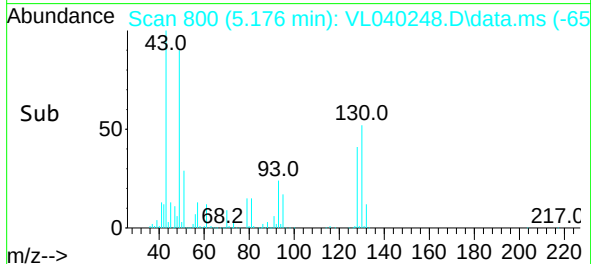
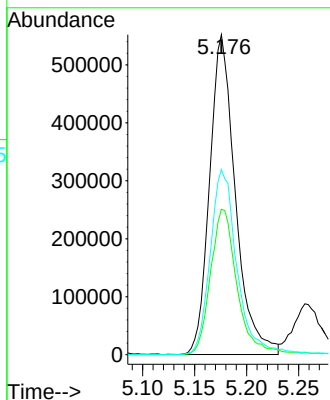
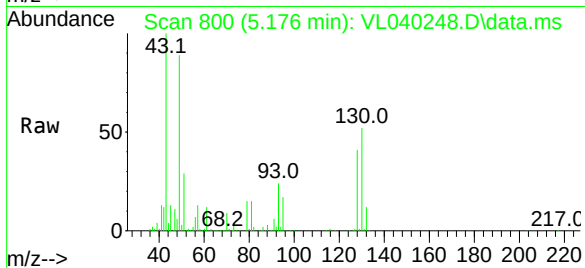




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 801
Delta R.T. -0.025 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

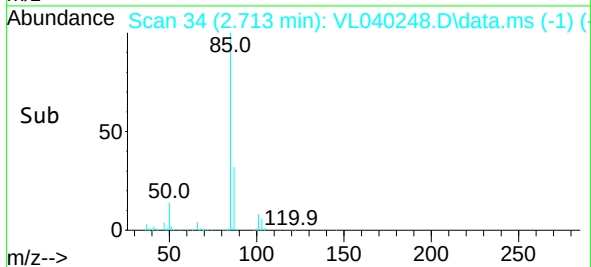
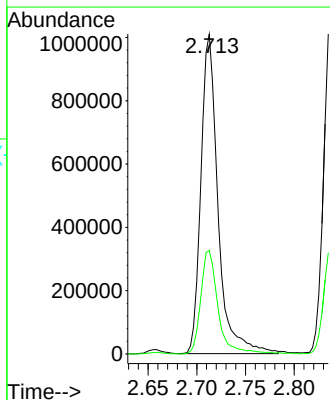
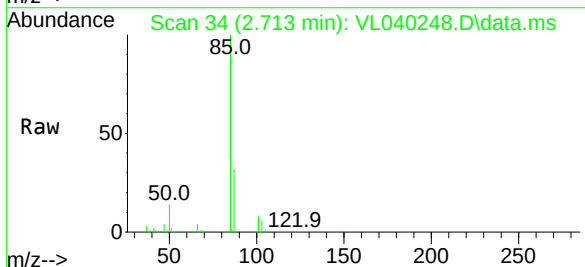
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

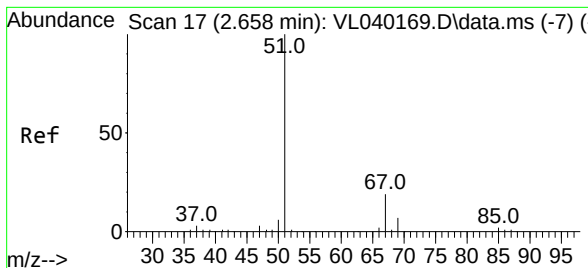
Tgt Ion: 49 Resp: 951052
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.0 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 6.948 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.013 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 85 Resp: 1231630
Ion Ratio Lower Upper
85 100
87 32.4 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.619 ppbv

RT: 2.658 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

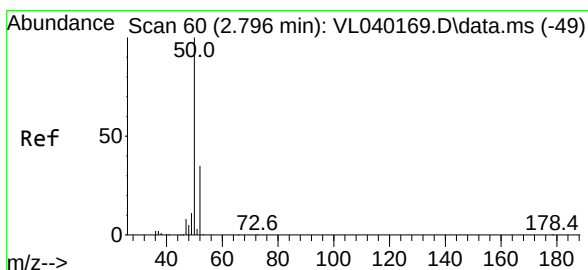
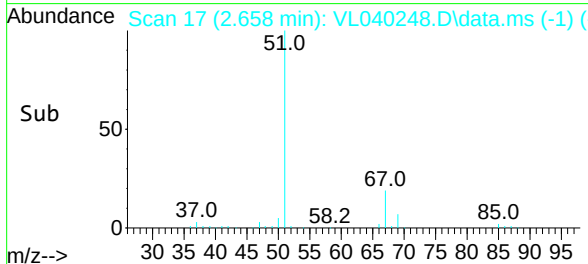
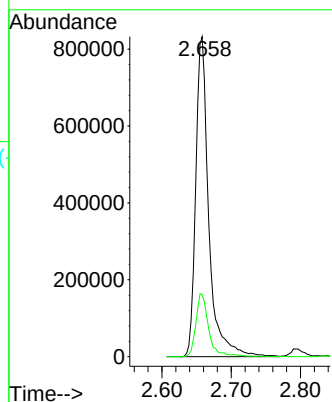
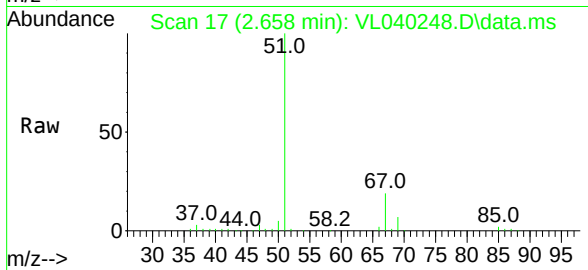
VL0308ABS01

Tgt Ion: 51 Resp: 1092895

Ion Ratio Lower Upper

51 100

67 19.5 15.4 23.2



#4

Chloromethane

Concen: 9.654 ppbv

RT: 2.796 min Scan# 60

Delta R.T. -0.016 min

Lab File: VL040248.D

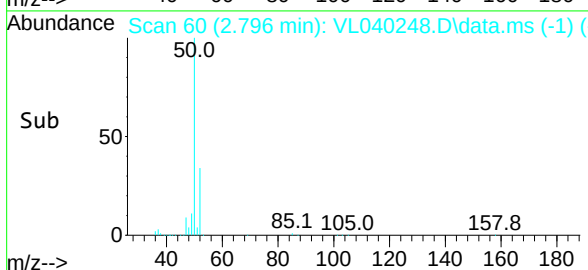
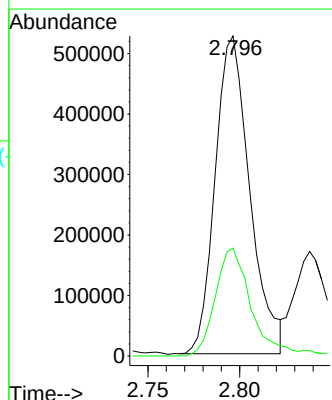
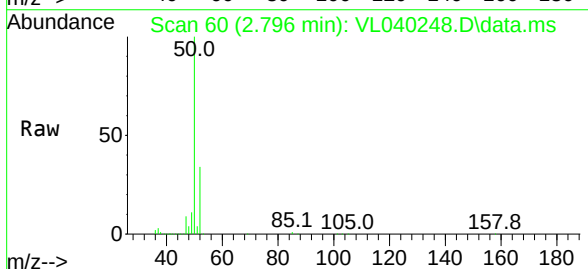
Acq: 8 Mar 2023 10:49

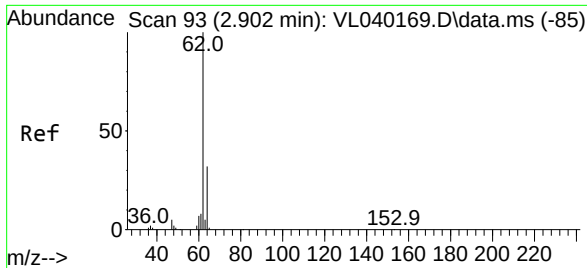
Tgt Ion: 50 Resp: 688913

Ion Ratio Lower Upper

50 100

52 33.9 28.3 42.5

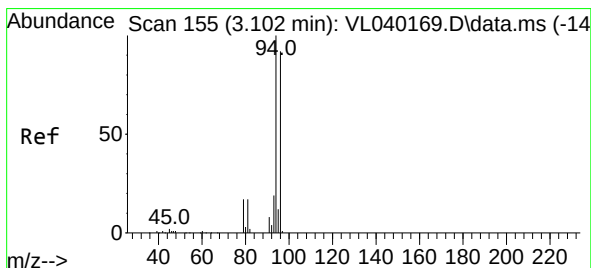
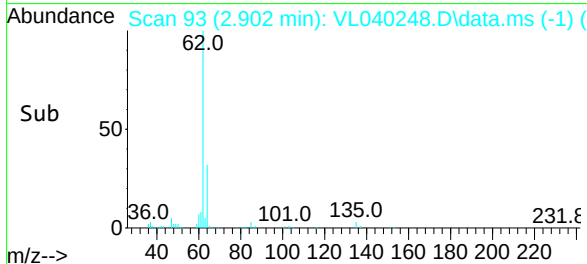
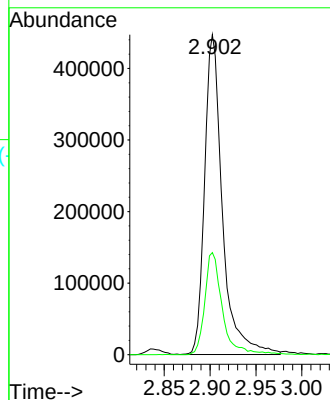
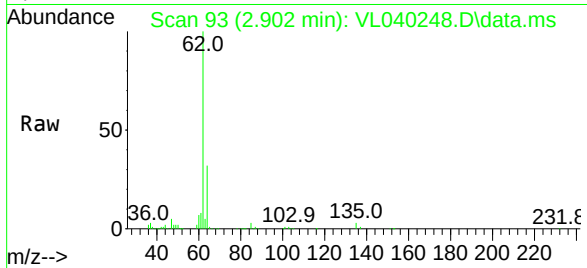




#5
 Vinyl Chloride
 Concen: 10.511 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.016 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

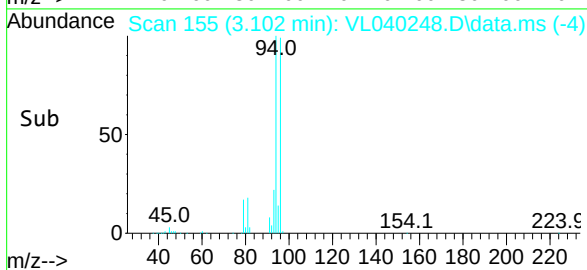
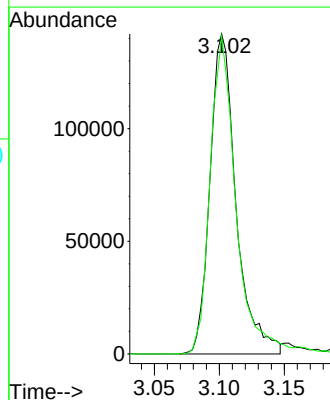
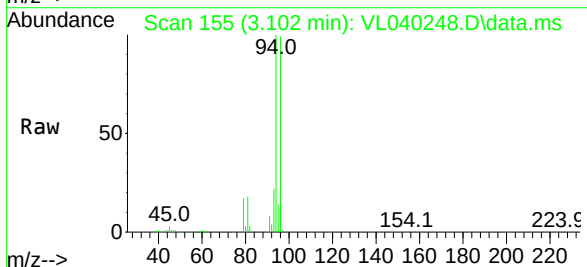
Instrument :
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 VL0308ABS01

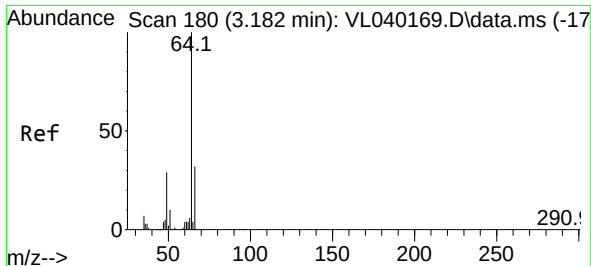
Tgt Ion: 62 Resp: 602801
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.6 38.4



#6
 Bromomethane
 Concen: 9.560 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.016 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion: 94 Resp: 197867
 Ion Ratio Lower Upper
 94 100
 96 99.2 73.4 110.2

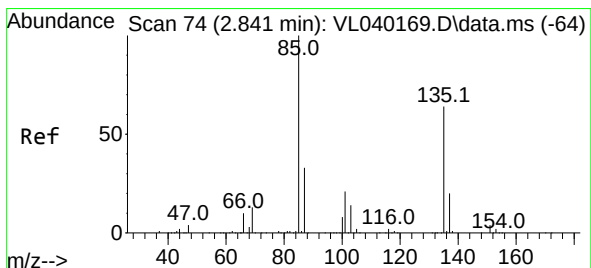
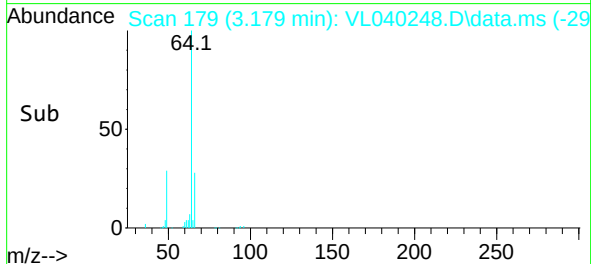
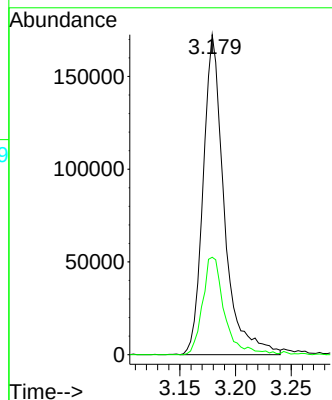
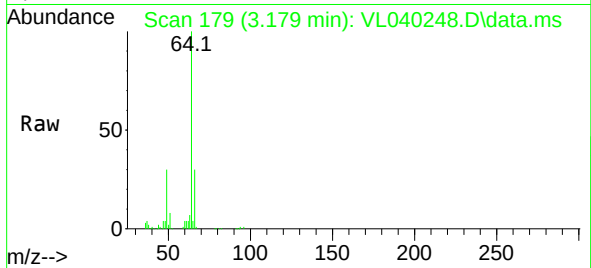




#7
Chloroethane
Concen: 9.974 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

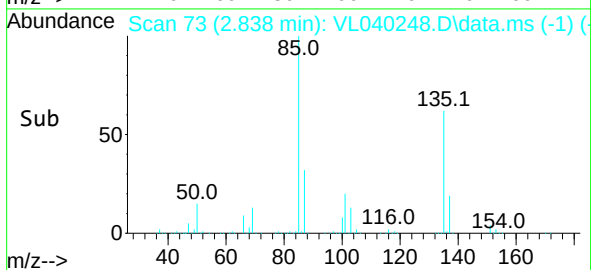
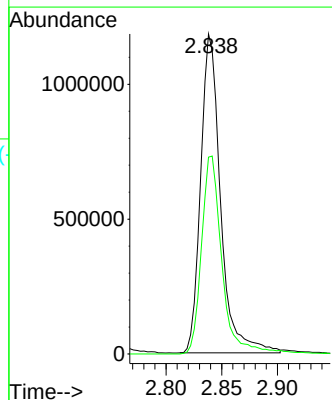
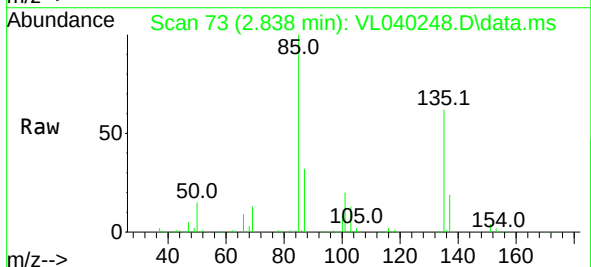
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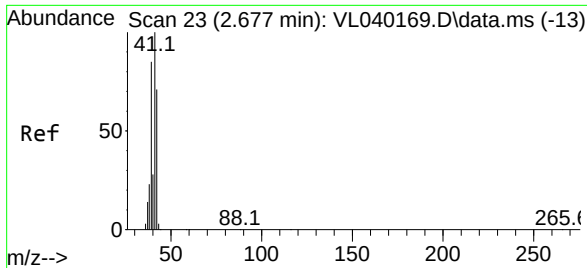
Tgt Ion: 64 Resp: 226829
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.633 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 85 Resp: 1471285
Ion Ratio Lower Upper
85 100
135 64.6 51.5 77.3

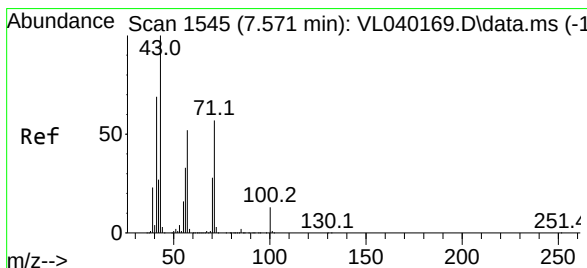
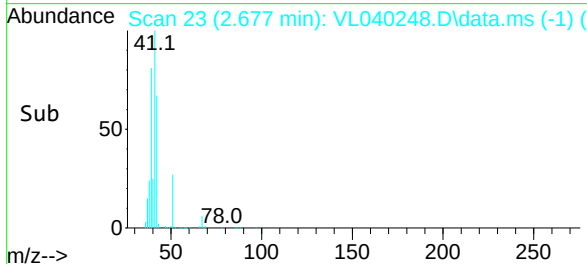
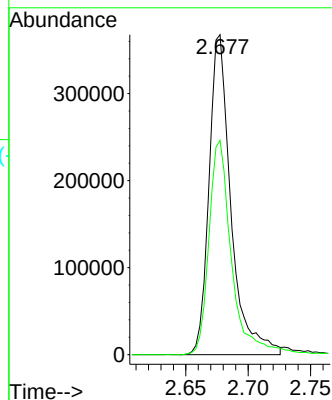
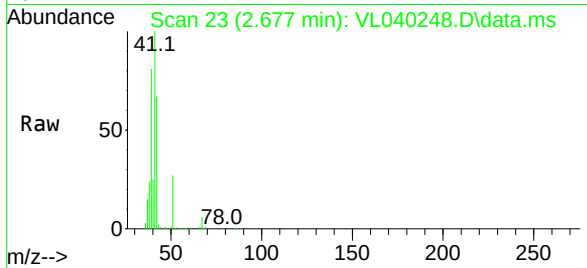




#9
 Propene
 Concen: 9.740 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

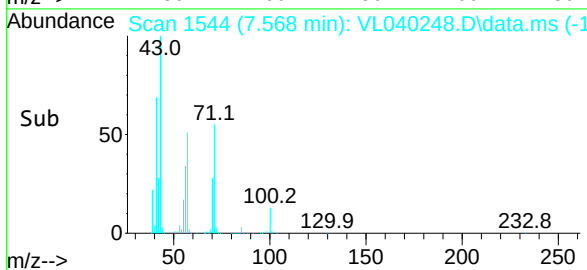
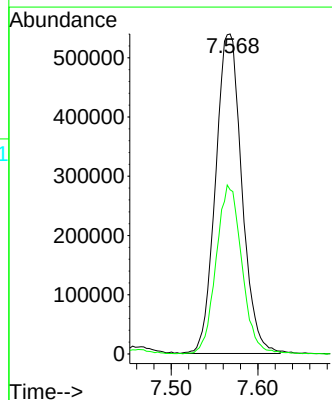
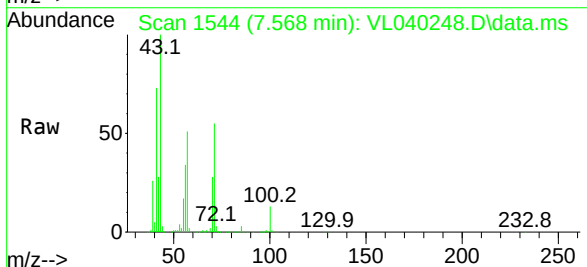
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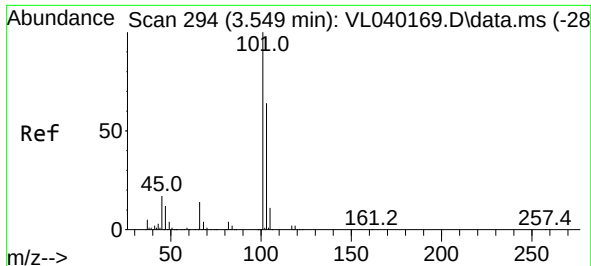
Tgt Ion: 41 Resp: 451048
 Ion Ratio Lower Upper
 41 100
 42 69.7 56.9 85.3



#10
 Heptane
 Concen: 10.320 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.026 min
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Tgt Ion: 43 Resp: 1137484
 Ion Ratio Lower Upper
 43 100
 57 52.1 41.4 62.2

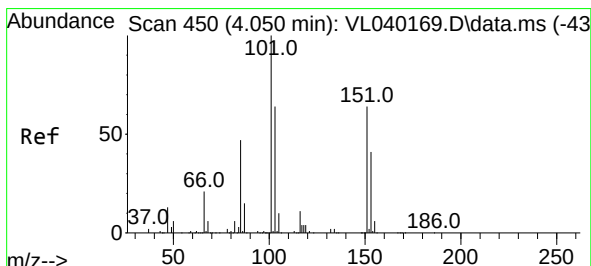
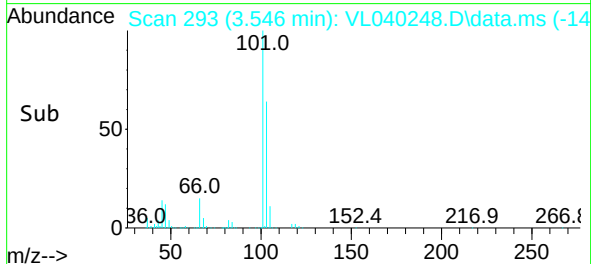
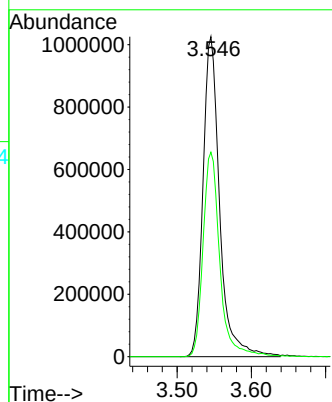
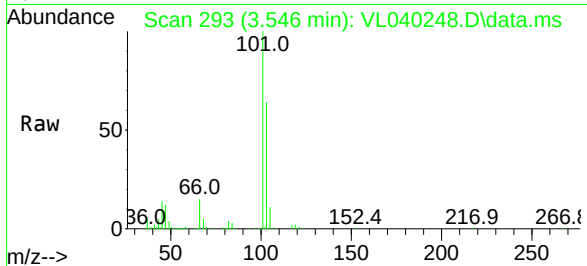




#11
 Trichlorofluoromethane
 Concen: 10.003 ppbv
 RT: 3.546 min Scan# 294
 Delta R.T. -0.019 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

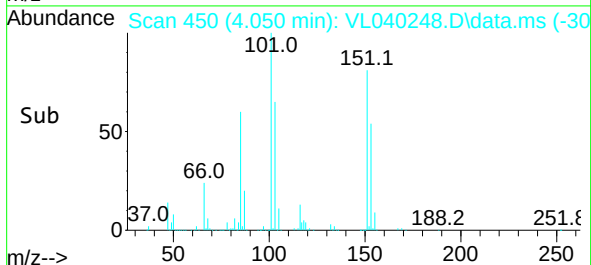
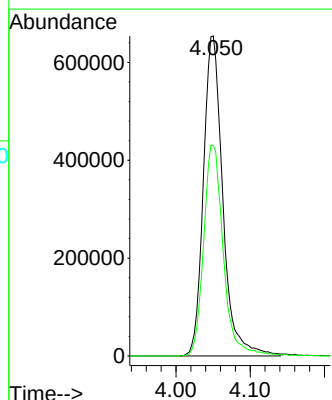
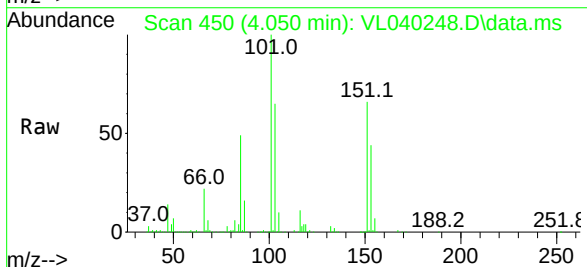
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01

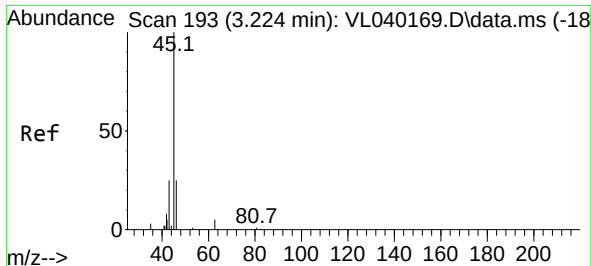
Tgt Ion:101 Resp: 1590842
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.112 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.019 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion:101 Resp: 1186452
 Ion Ratio Lower Upper
 101 100
 151 67.0 54.7 82.1

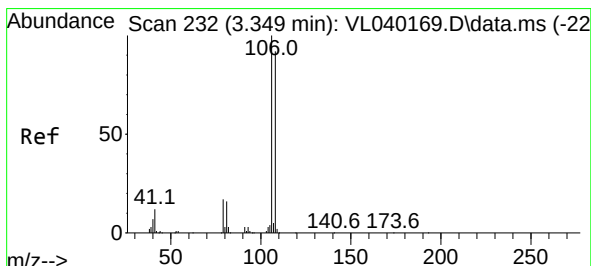
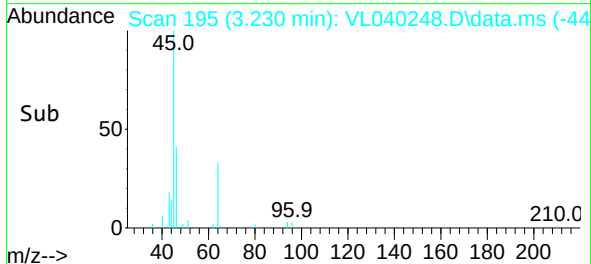
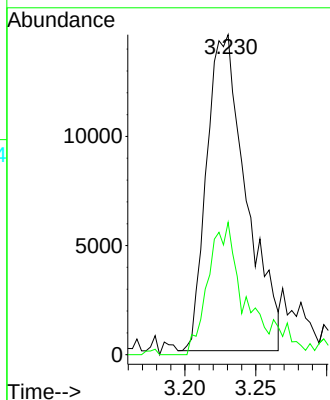
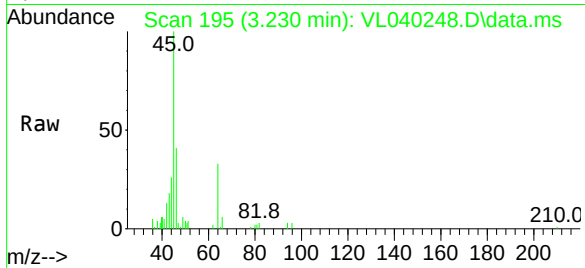




#13
Ethanol
Concen: 6.613 ppbv
RT: 3.230 min Scan# 193
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

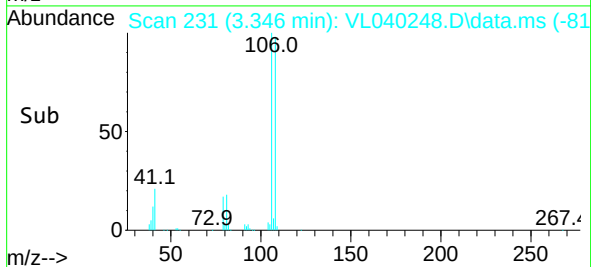
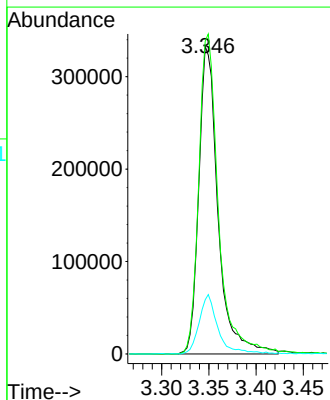
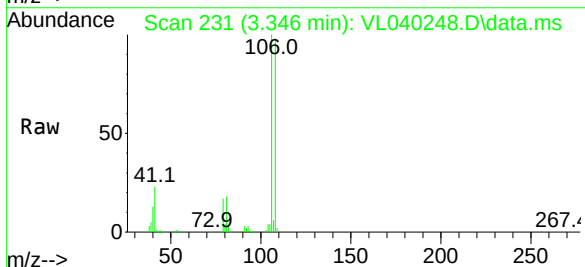
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

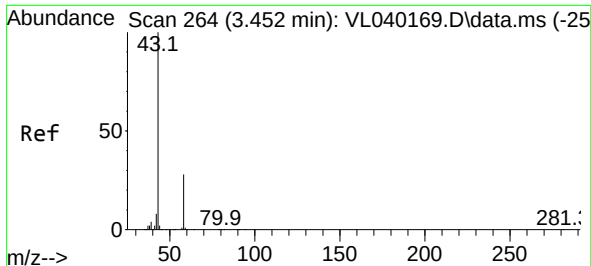
Tgt Ion: 45 Resp: 28194
Ion Ratio Lower Upper
45 100
46 41.9 13.3 53.1



#14
Bromoethene
Concen: 10.479 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 108 Resp: 471464
Ion Ratio Lower Upper
108 100
106 106.9 87.1 130.7
79 19.3 15.4 23.2

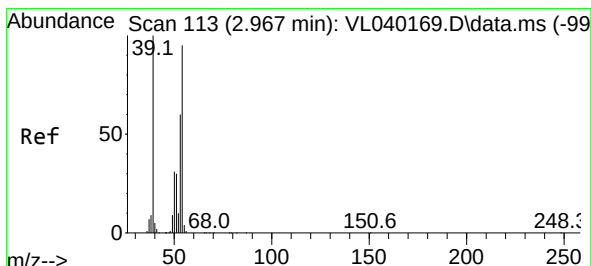
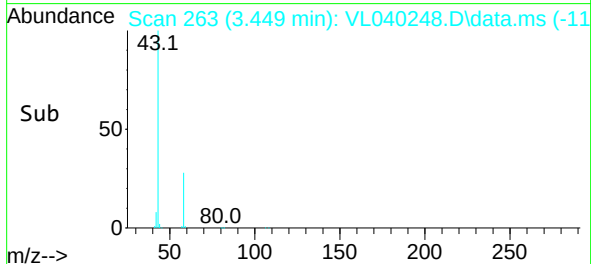
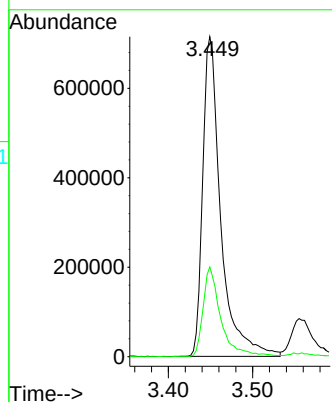
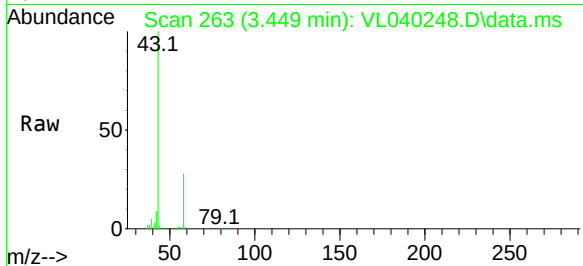




#15
Acetone
Concen: 9.326 ppbv
RT: 3.449 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

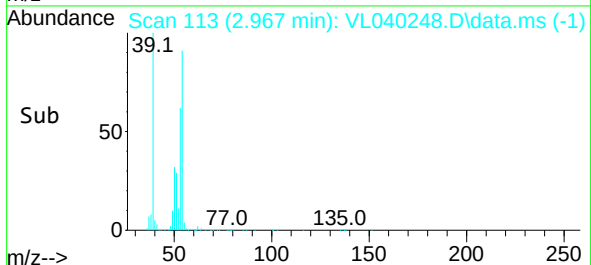
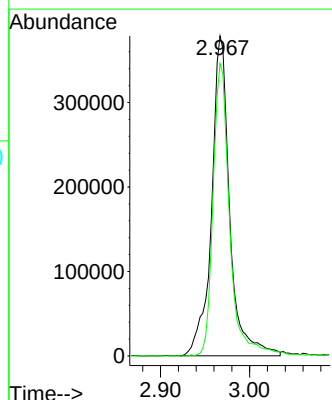
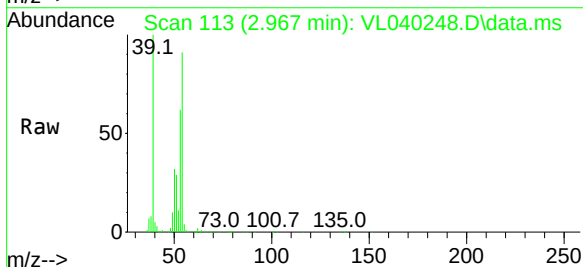
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

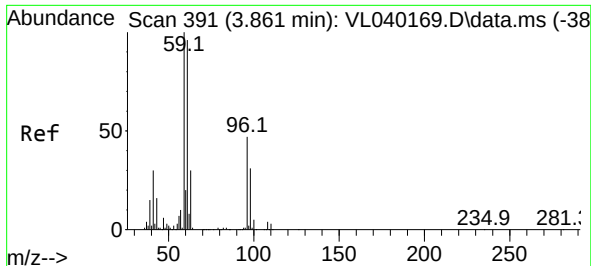
Tgt Ion: 43 Resp: 1067889
Ion Ratio Lower Upper
43 100
58 27.7 22.4 33.6



#16
1,3-Butadiene
Concen: 10.290 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 39 Resp: 538066
Ion Ratio Lower Upper
39 100
54 84.2 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.684 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.019 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

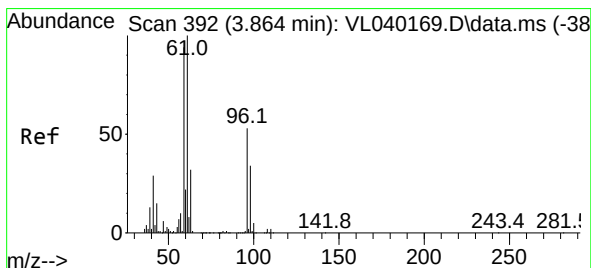
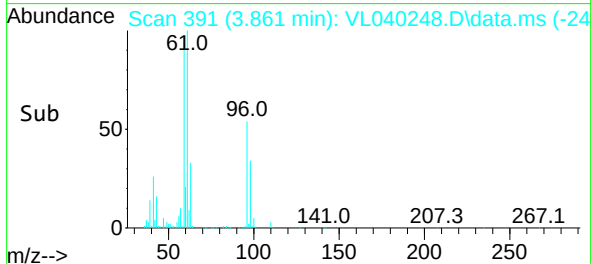
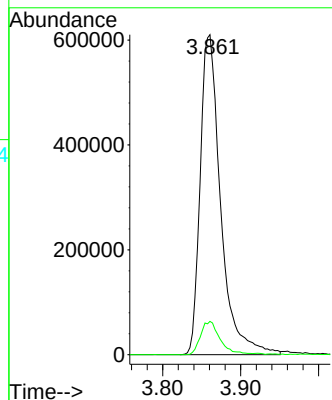
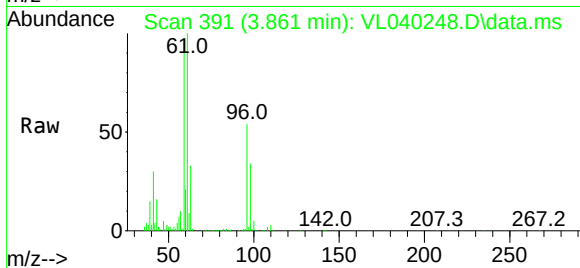
VL0308ABS01

Tgt Ion: 59 Resp: 1115685

Ion Ratio Lower Upper

59 100

57 10.3 8.5 12.7



#18

1,1-Dichloroethene

Concen: 10.370 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.019 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

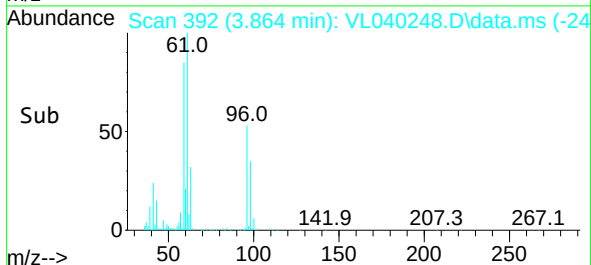
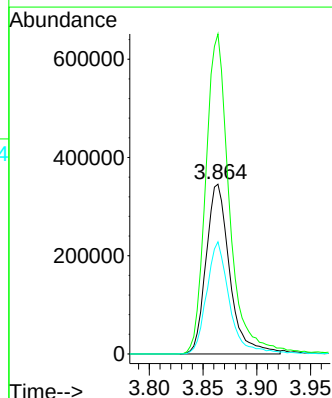
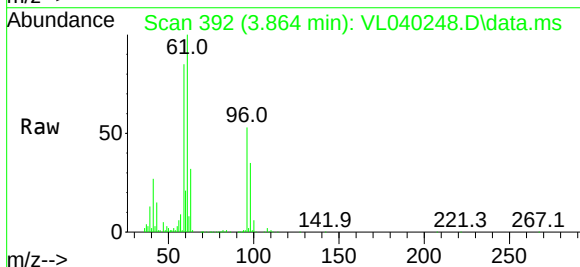
Tgt Ion: 96 Resp: 528655

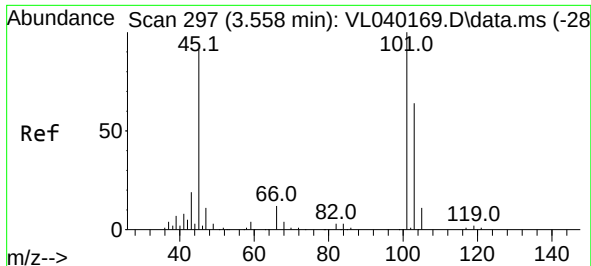
Ion Ratio Lower Upper

96 100

61 188.4 149.6 224.4

98 66.0 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.820 ppbv

RT: 3.555 min Scan# 297

Delta R.T. -0.019 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

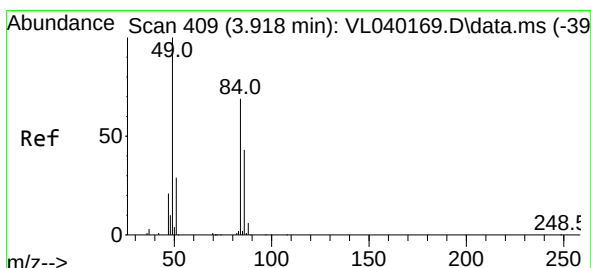
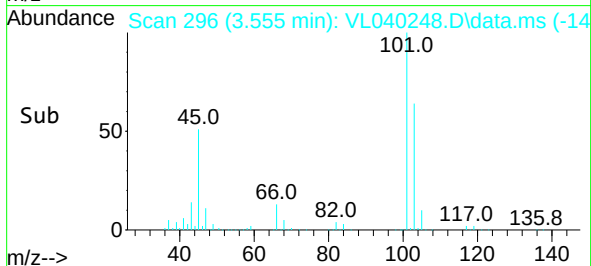
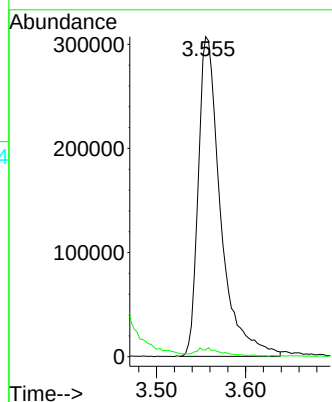
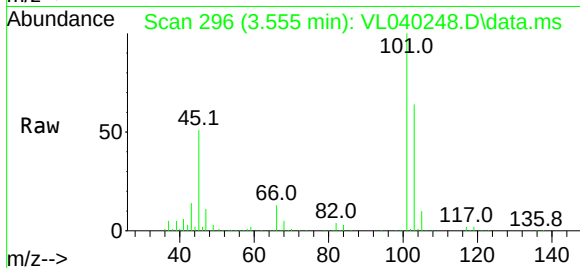
VL0308ABS01

Tgt Ion: 45 Resp: 534491

Ion Ratio Lower Upper

45 100

58 3.0 2.6 3.8



#20

Methylene Chloride

Concen: 7.511 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.019 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Tgt Ion: 84 Resp: 447695

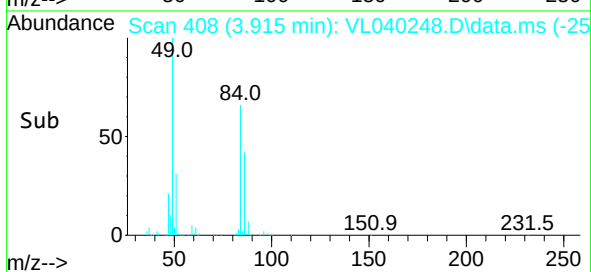
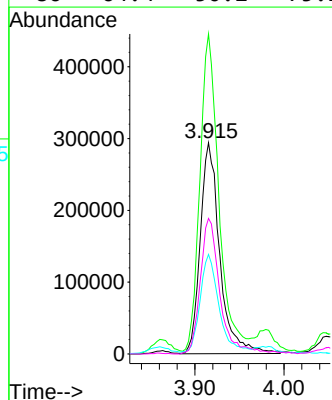
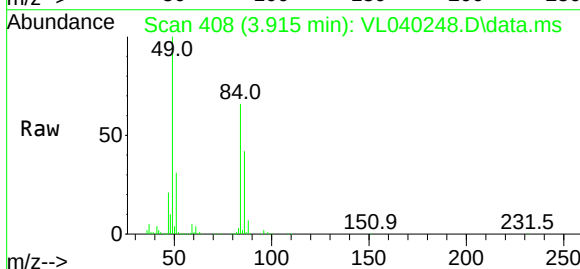
Ion Ratio Lower Upper

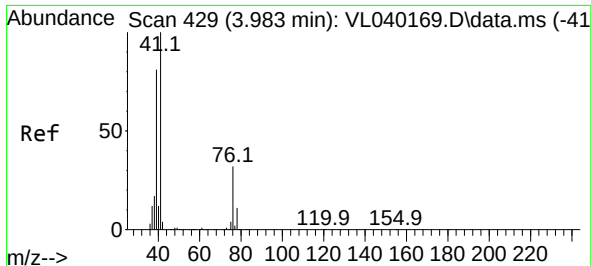
84 100

49 150.4 115.5 173.3

51 46.4 33.1 49.7

86 64.4 50.2 75.2





#21

Allyl Chloride

Concen: 10.729 ppbv

RT: 3.980 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

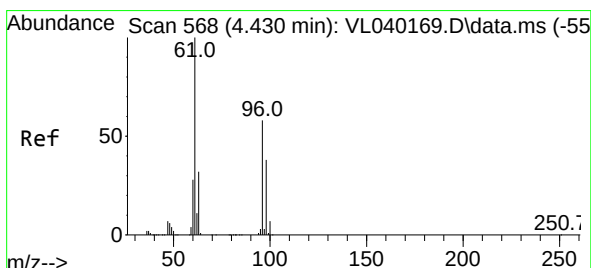
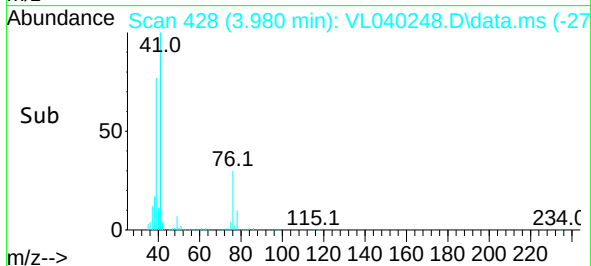
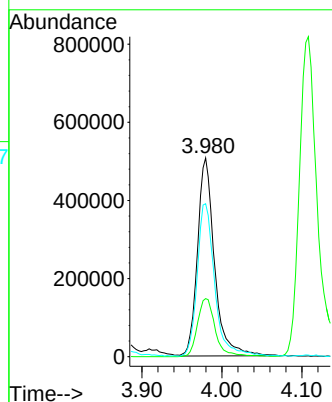
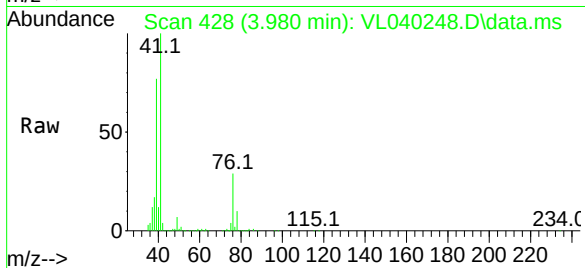
Tgt Ion: 41 Resp: 753511

Ion Ratio Lower Upper

41 100

76 30.9 25.5 38.3

39 79.1 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 10.402 ppbv

RT: 4.426 min Scan# 567

Delta R.T. -0.026 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

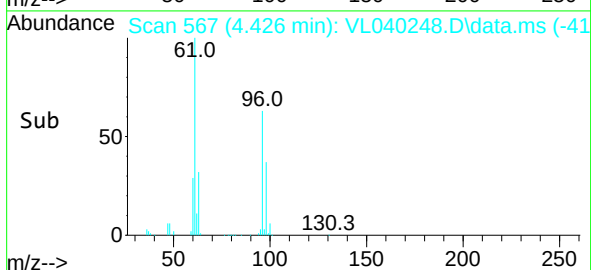
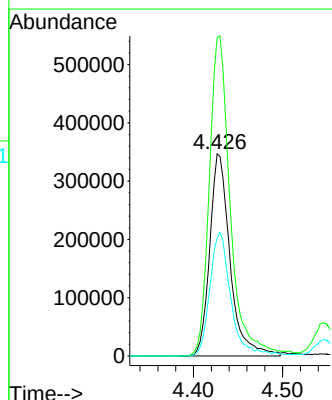
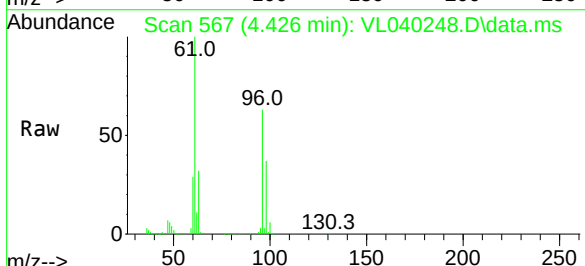
Tgt Ion: 96 Resp: 549095

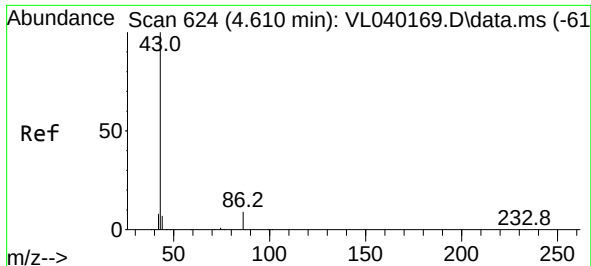
Ion Ratio Lower Upper

96 100

61 157.7 137.5 206.3

98 58.3 52.8 79.2



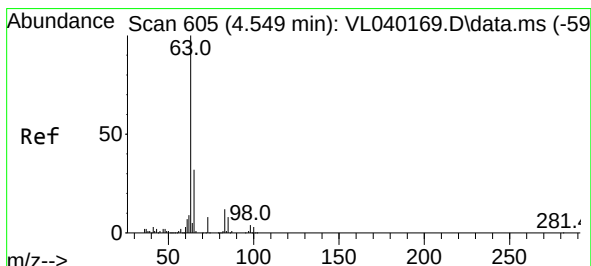
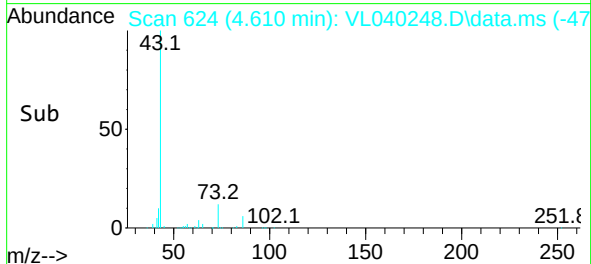
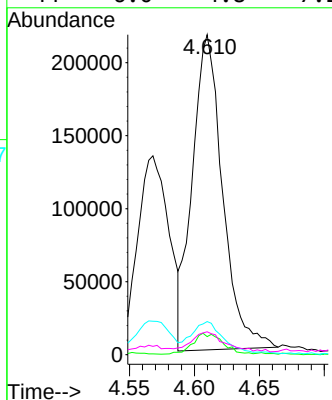
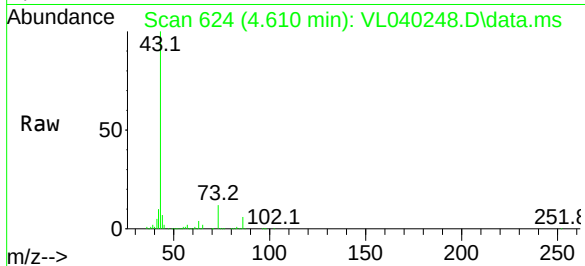


#23
 Vinyl Acetate
 Concen: 10.091 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0308ABS01

Tgt Ion: 43 Resp: 350648

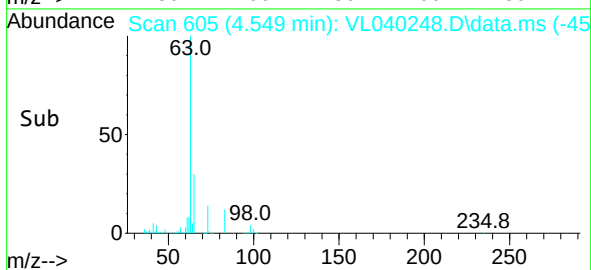
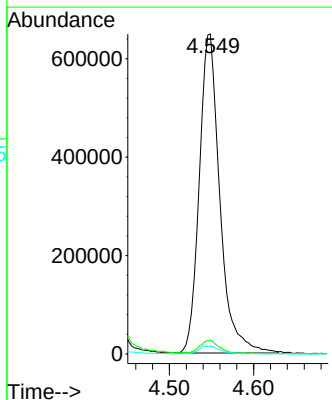
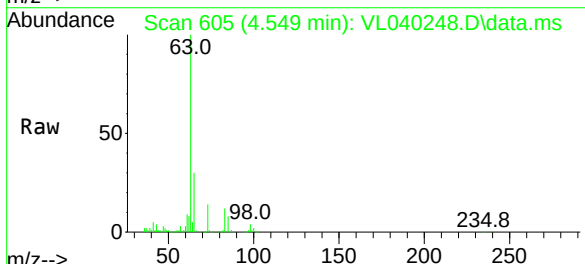
Ion	Ratio	Lower	Upper
43	100		
86	5.6	5.6	8.4
42	10.1	7.6	11.4
44	6.0	4.8	7.2

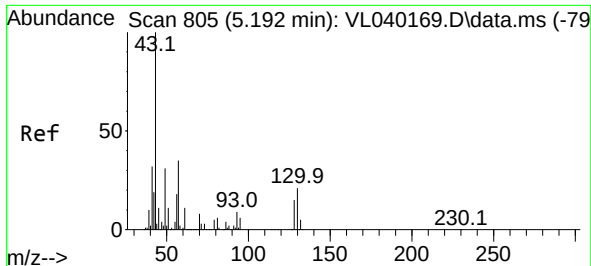


#24
 1,1-Dichloroethane
 Concen: 10.148 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.022 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion: 63 Resp: 1102237

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



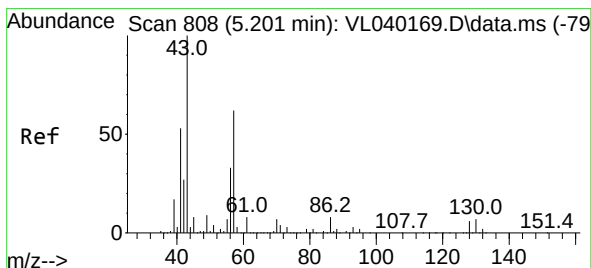
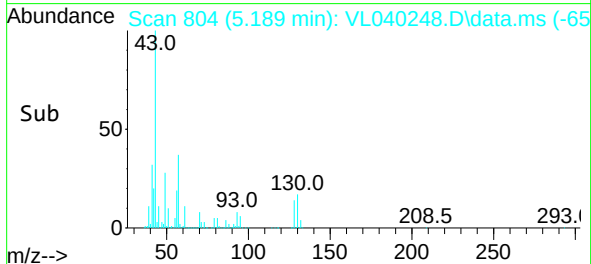
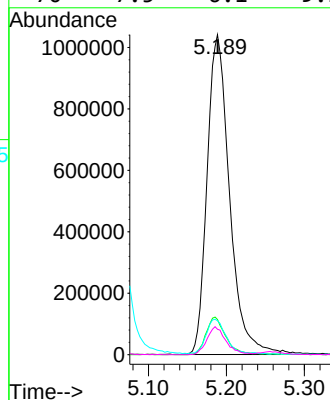
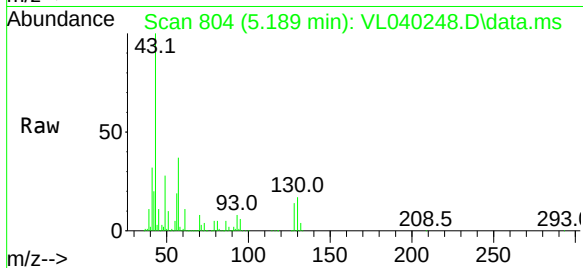


#25
Ethyl Acetate
Concen: 9.773 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.022 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

Tgt Ion: 43 Resp: 2080315

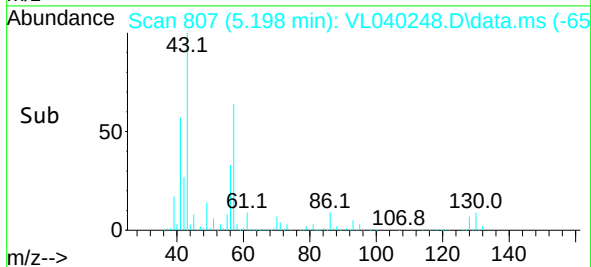
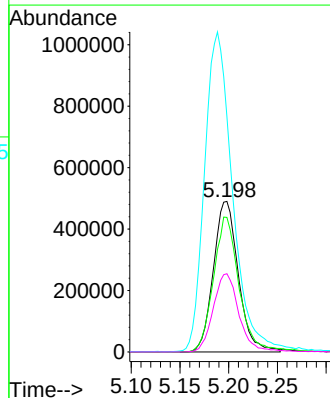
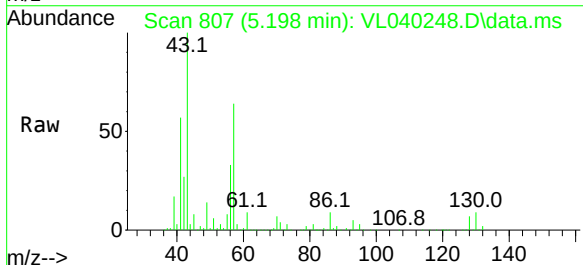
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	9.9	8.4	12.6
70	7.5	6.1	9.1

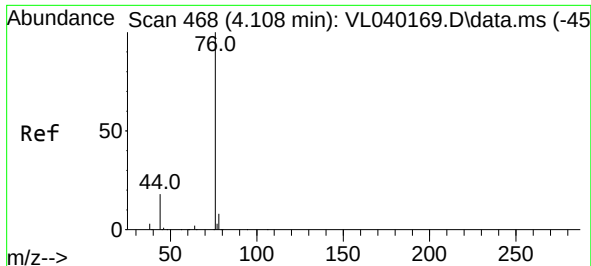


#26
Hexane
Concen: 9.552 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.026 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 57 Resp: 872846

Ion	Ratio	Lower	Upper
57	100		
41	93.1	74.3	111.5
43	241.2	193.0	289.4
56	53.7	42.6	64.0

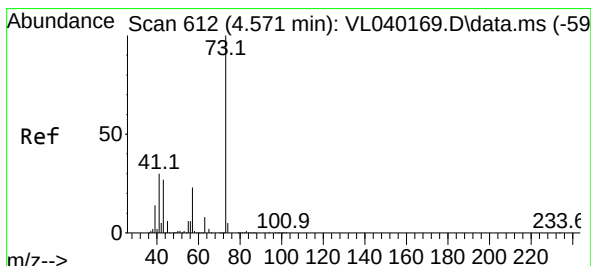
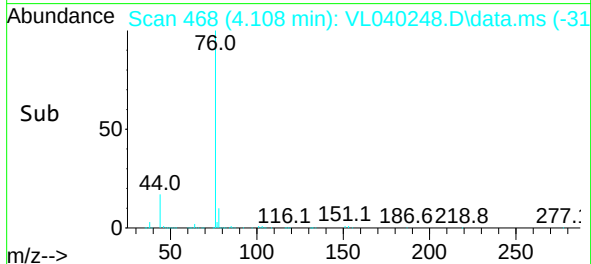
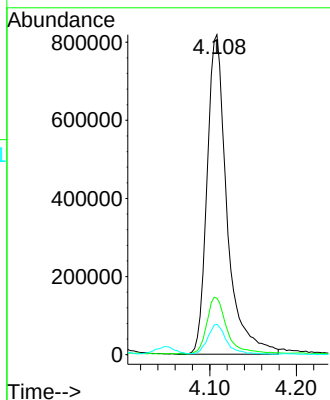
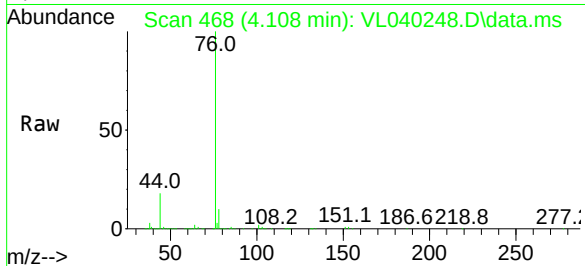




#27
Carbon Disulfide
Concen: 11.298 ppbv
RT: 4.108 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

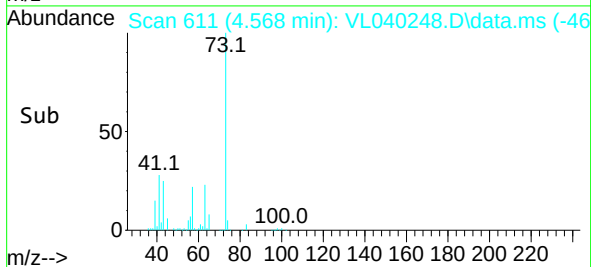
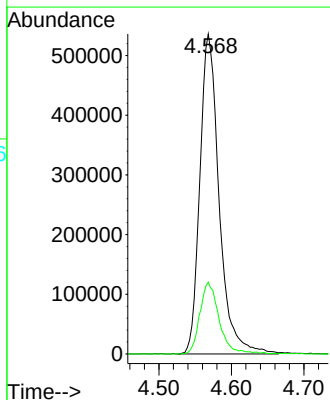
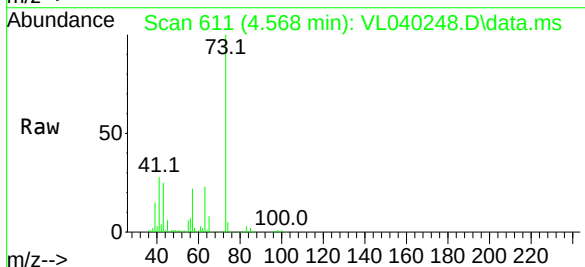
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

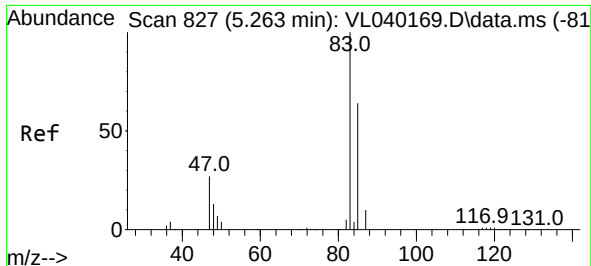
Tgt Ion: 76 Resp: 1310046
Ion Ratio Lower Upper
76 100
44 18.4 15.3 22.9
78 9.5 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.101 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.022 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 73 Resp: 988996
Ion Ratio Lower Upper
73 100
57 22.7 18.8 28.2





#29

Chloroform

Concen: 9.780 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

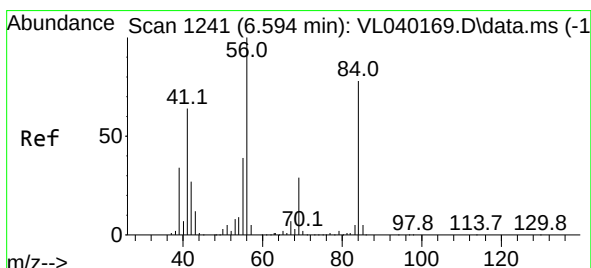
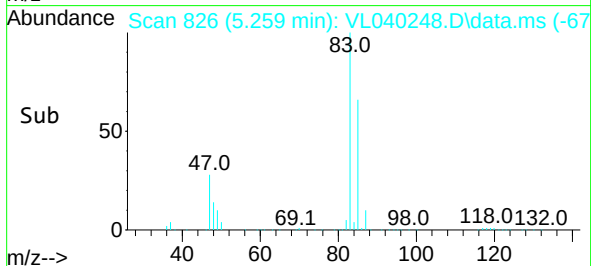
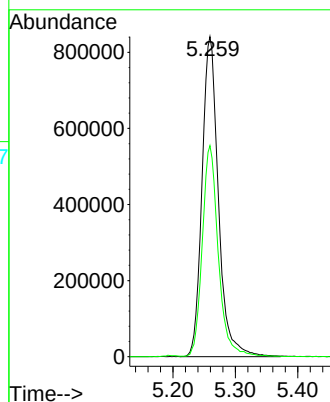
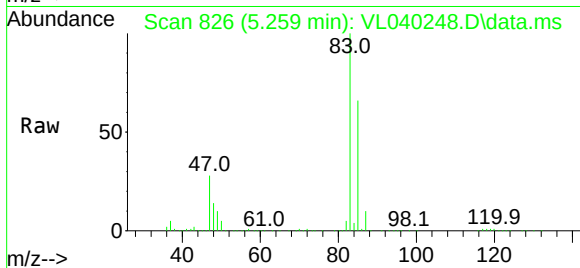
VL0308ABS01

Tgt Ion: 83 Resp: 1534428

Ion Ratio Lower Upper

83 100

85 65.8 51.5 77.3



#30

Cyclohexane

Concen: 10.339 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.032 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

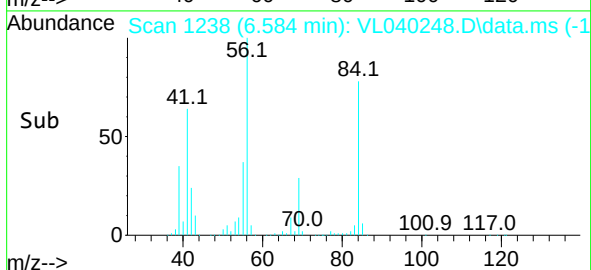
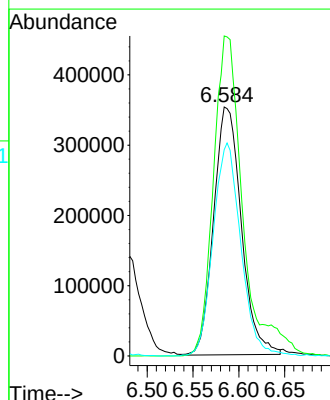
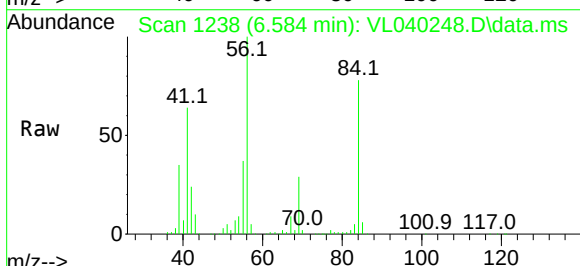
Tgt Ion: 84 Resp: 741848

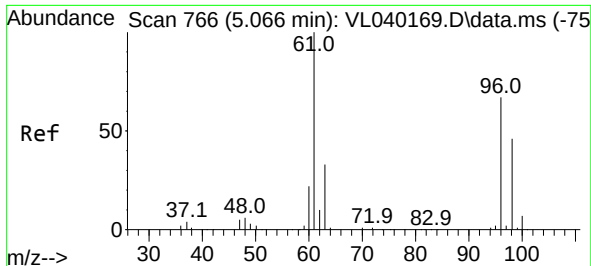
Ion Ratio Lower Upper

84 100

56 137.2 109.9 164.9

41 85.8 67.8 101.6

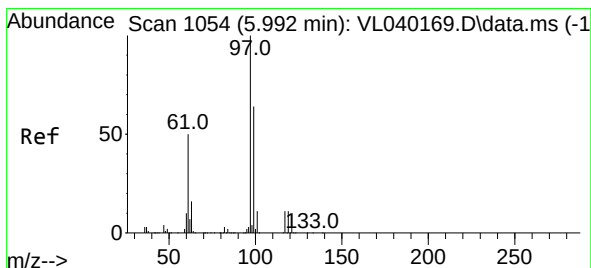
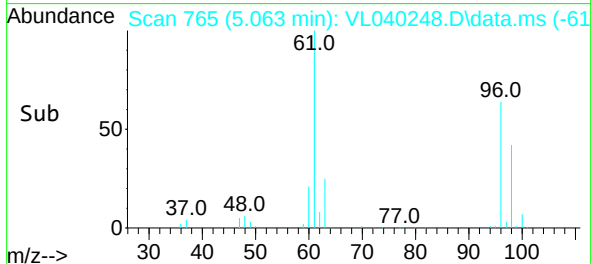
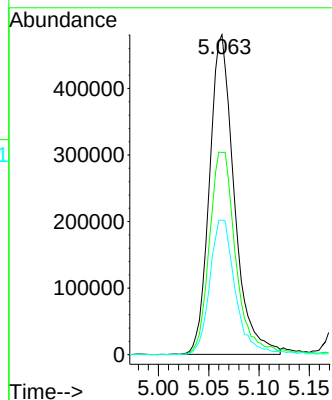
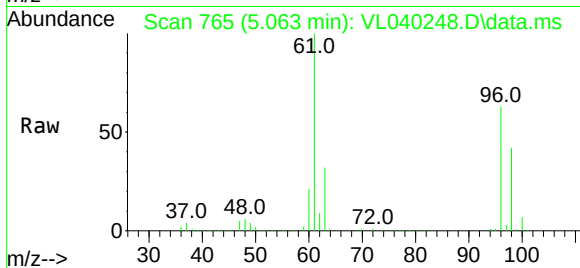




#31
 cis-1,2-Dichloroethene
 Concen: 9.490 ppbv
 RT: 5.063 min Scan# 766
 Delta R.T. -0.022 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

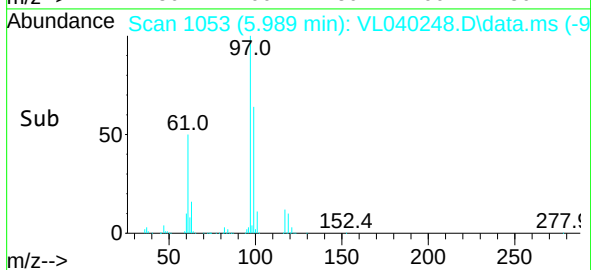
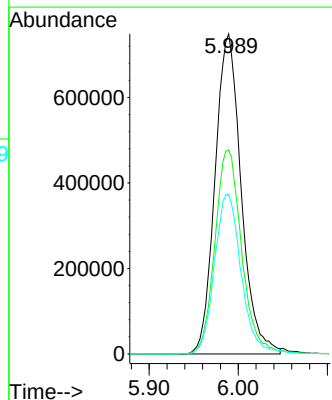
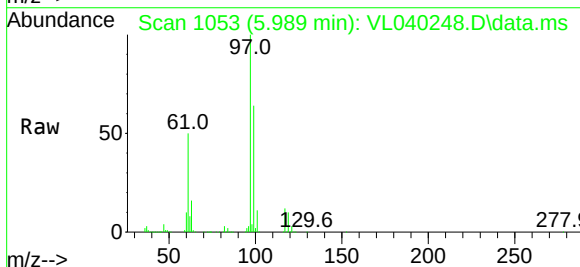
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0308ABS01

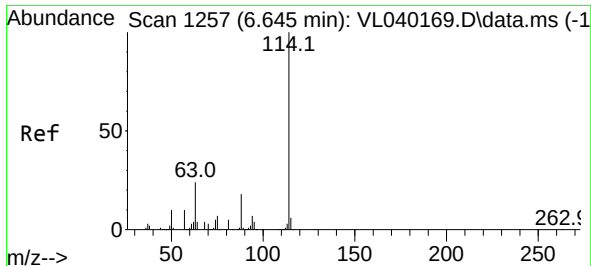
Tgt Ion: 61 Resp: 823891
 Ion Ratio Lower Upper
 61 100
 96 63.1 53.7 80.5
 98 42.0 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 10.364 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.026 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion: 97 Resp: 1527809
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.5 77.3
 61 51.5 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_1

ClientSampleId :

VL0308ABS01

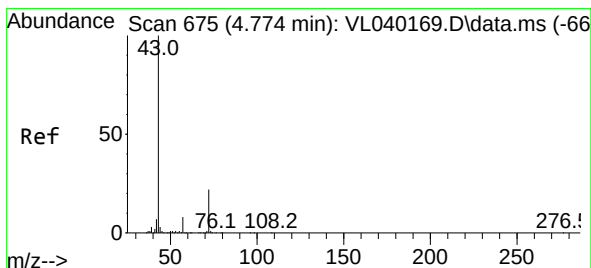
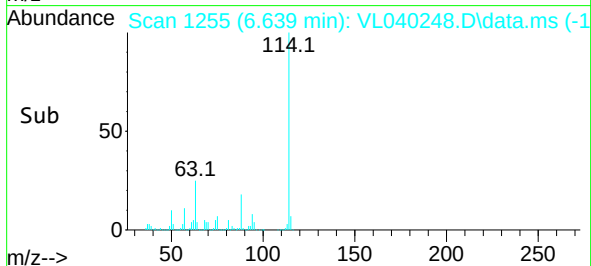
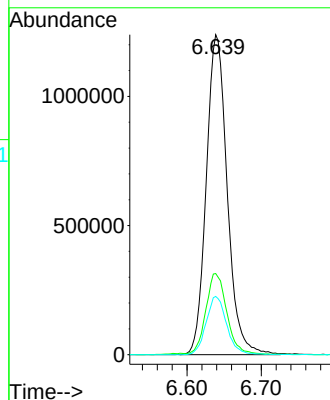
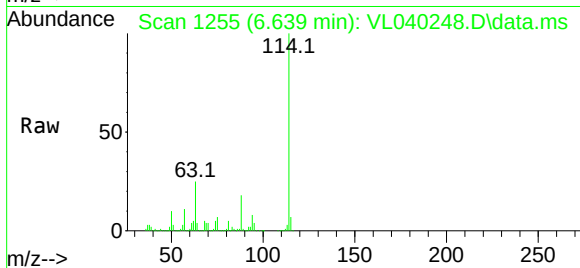
Tgt Ion:114 Resp: 2424261

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 9.916 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.026 min

Lab File: VL040248.D

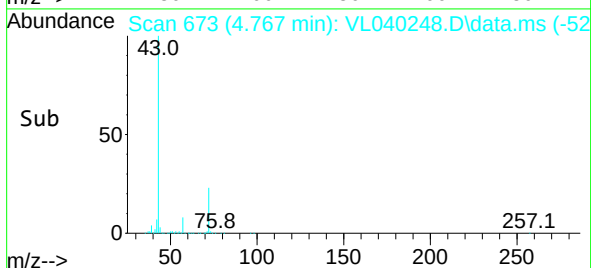
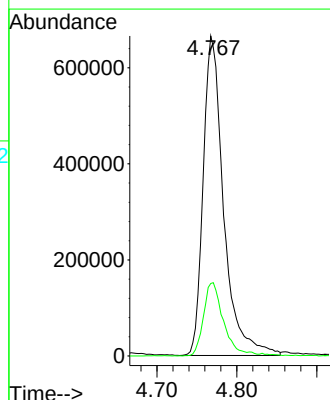
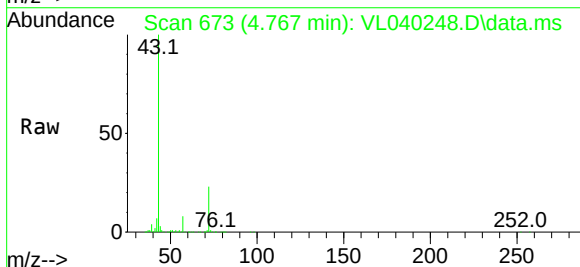
Acq: 8 Mar 2023 10:49

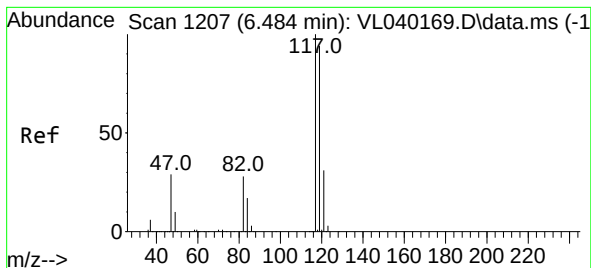
Tgt Ion: 43 Resp: 1185813

Ion Ratio Lower Upper

43 100

72 23.1 17.8 26.8





#35

Carbon Tetrachloride

Concen: 11.130 ppbv

RT: 6.478 min Scan# 1167

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

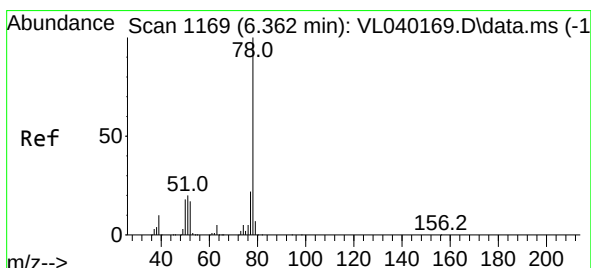
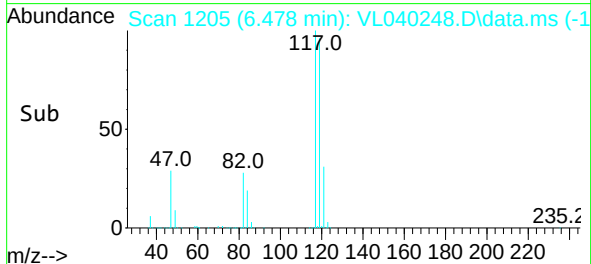
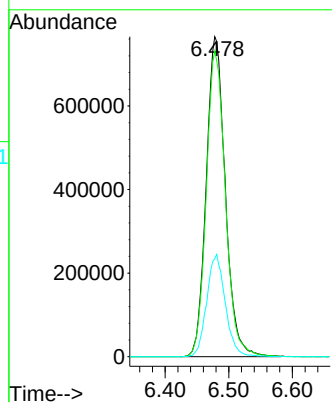
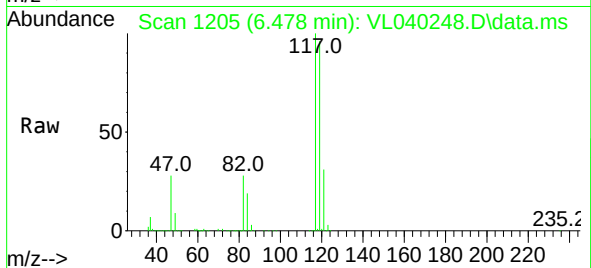
Tgt Ion:117 Resp: 1595092

Ion Ratio Lower Upper

117 100

119 95.5 75.0 112.6

121 30.7 25.0 37.4



#36

Benzene

Concen: 9.926 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

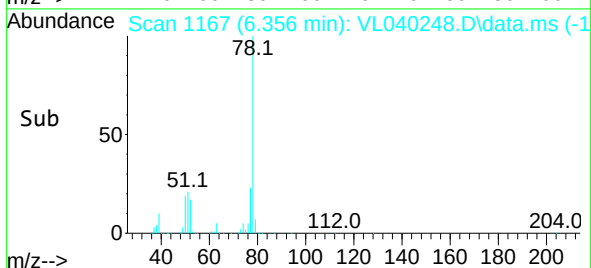
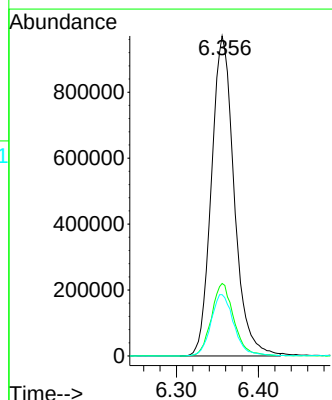
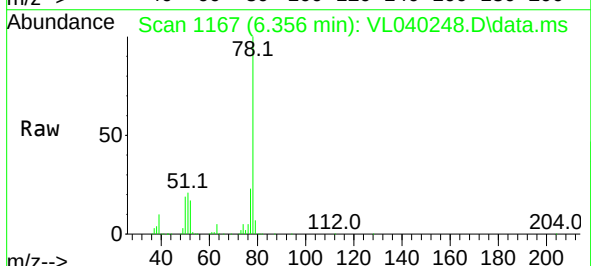
Tgt Ion: 78 Resp: 1872632

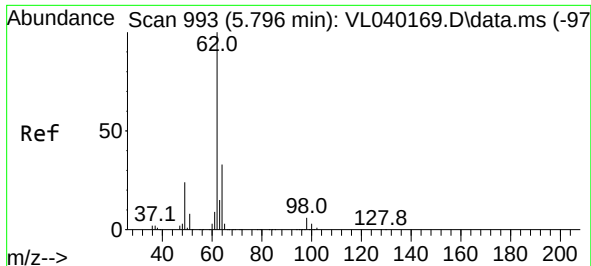
Ion Ratio Lower Upper

78 100

77 22.7 17.5 26.3

50 19.2 14.6 22.0





#37

1,2-Dichloroethane

Concen: 10.181 ppbv

RT: 5.790 min Scan# 993

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

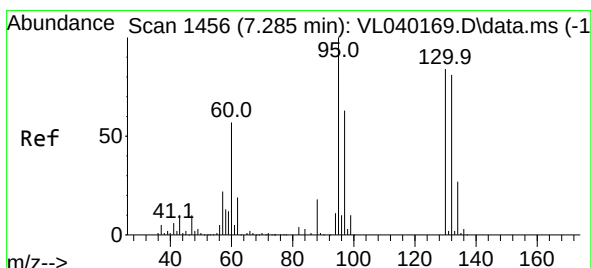
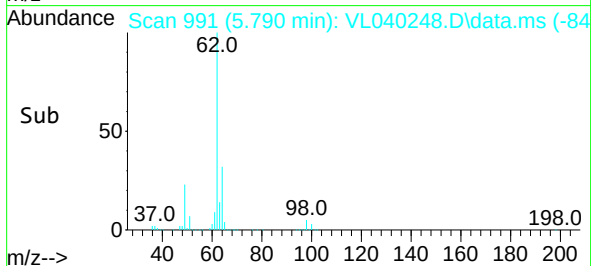
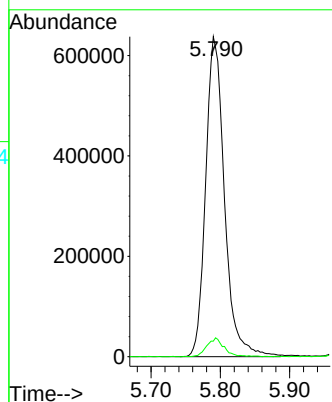
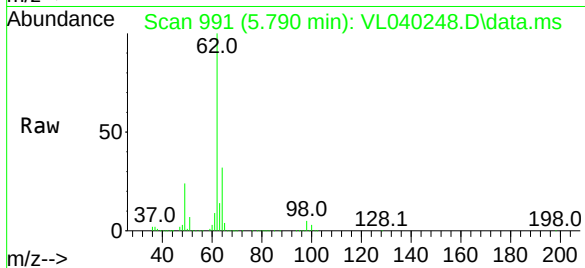
VL0308ABS01

Tgt Ion: 62 Resp: 1201277

Ion Ratio Lower Upper

62 100

98 5.5 4.7 7.1



#38

Trichloroethene

Concen: 10.728 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.032 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Tgt Ion:130 Resp: 1115296

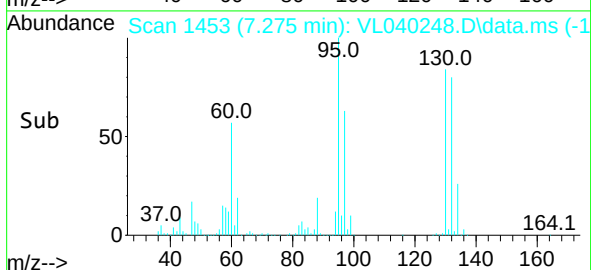
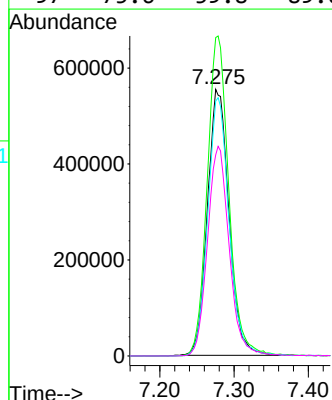
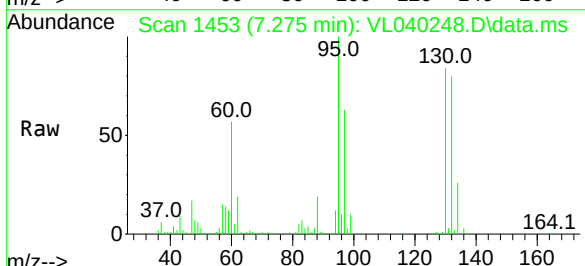
Ion Ratio Lower Upper

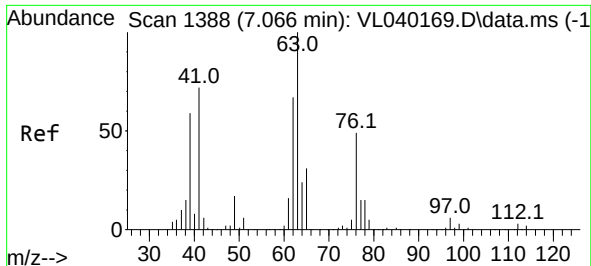
130 100

95 119.7 94.7 142.1

132 95.8 76.4 114.6

97 75.6 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.851 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

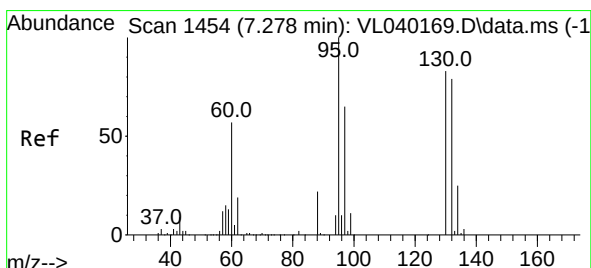
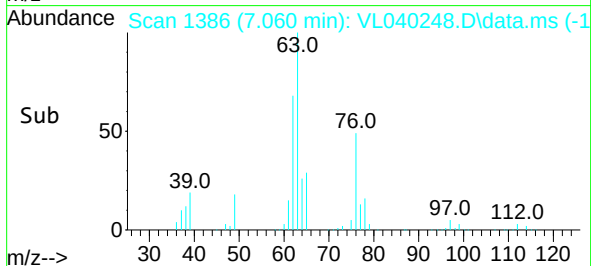
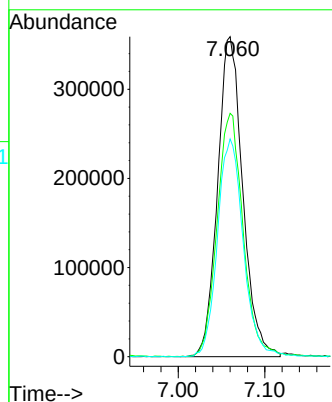
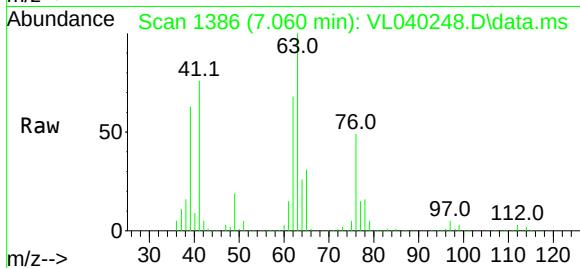
Tgt Ion: 63 Resp: 723012

Ion Ratio Lower Upper

63 100

41 75.9 57.6 86.4

62 68.1 54.0 81.0



#40

1,4-Dioxane

Concen: 9.707 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Tgt Ion: 88 Resp: 284989

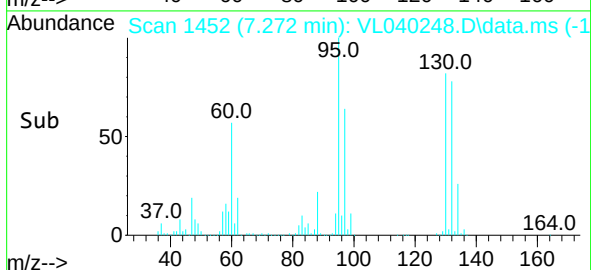
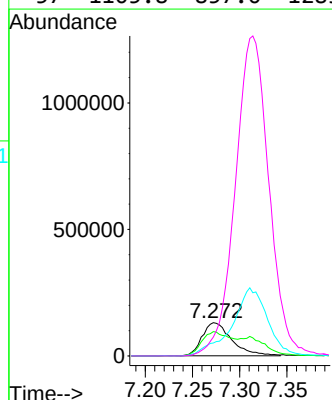
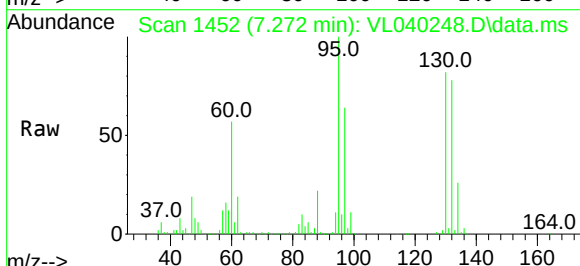
Ion Ratio Lower Upper

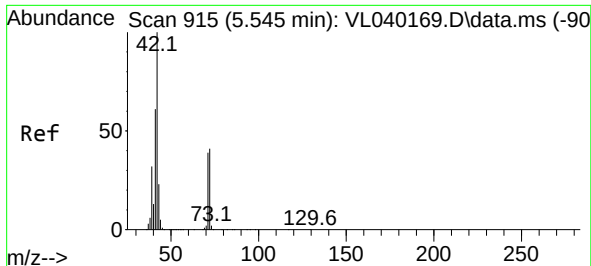
88 100

58 123.9 97.4 146.0

43 250.3 193.5 290.3

57 1105.8 857.0 1285.6

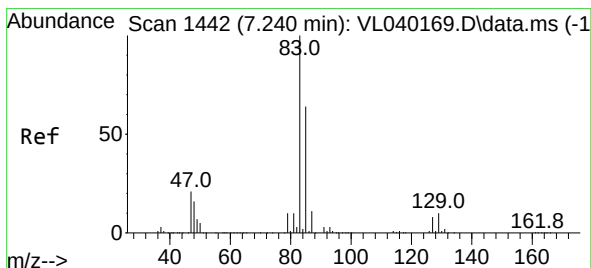
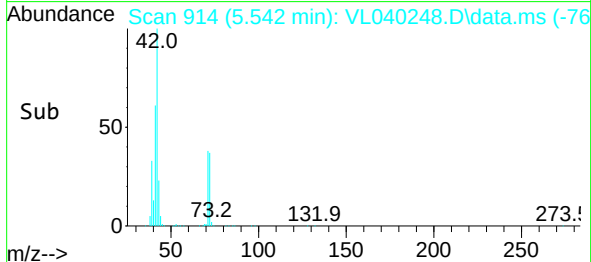
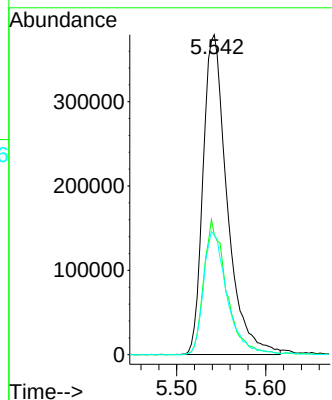
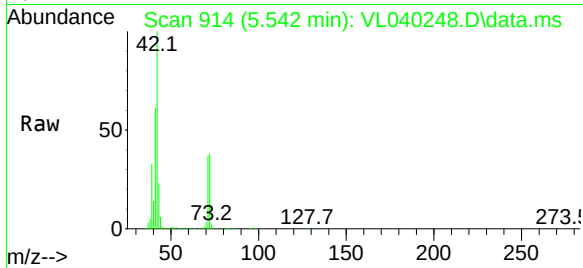




#41
Tetrahydrofuran
Concen: 10.274 ppbv
RT: 5.542 min Scan# 915
Delta R.T. -0.026 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

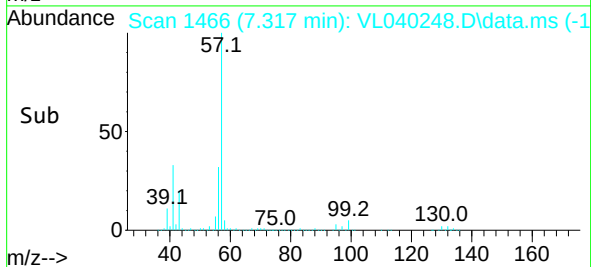
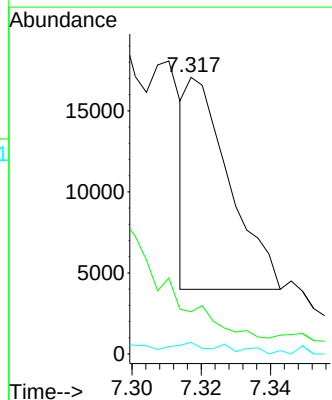
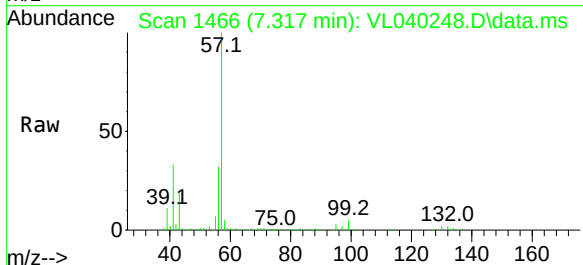
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

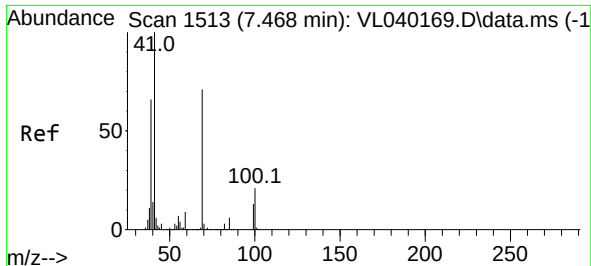
Tgt Ion: 42 Resp: 711995
Ion Ratio Lower Upper
42 100
72 40.2 33.0 49.4
71 38.2 31.4 47.2



#42
Bromodichloromethane
Concen: 0.068 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.055 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 83 Resp: 11098
Ion Ratio Lower Upper
83 100
85 11.0 50.9 76.3#
127 3.9 6.2 9.2#





#43

Methyl Methacrylate

Concen: 10.671 ppbv

RT: 7.462 min Scan# 1511

Delta R.T. -0.026 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

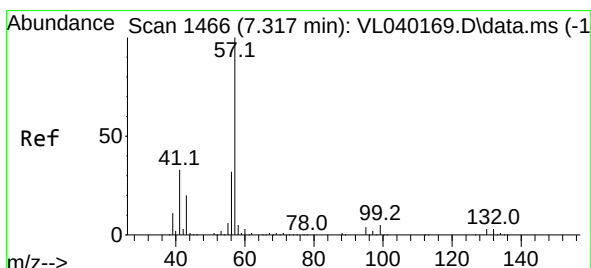
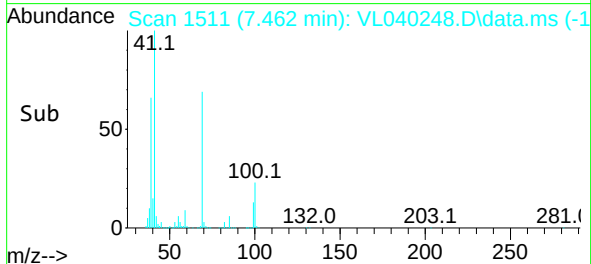
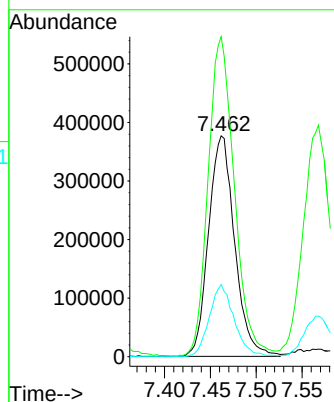
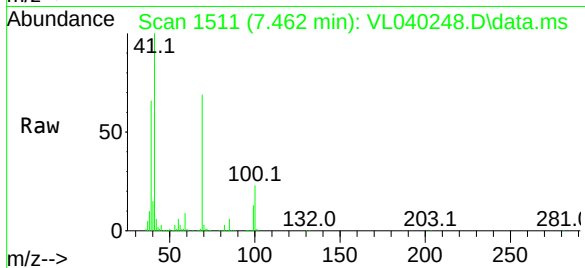
MSVOA_1

ClientSampleId :

VL0308ABS01

Tgt Ion: 69 Resp: 744953

Ion	Ratio	Lower	Upper
69	100		
41	145.6	116.6	174.8
100	31.0	25.6	38.4



#44

2,2,4-Trimethylpentane

Concen: 9.990 ppbv

RT: 7.314 min Scan# 1465

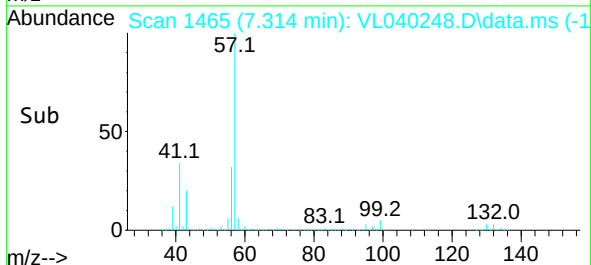
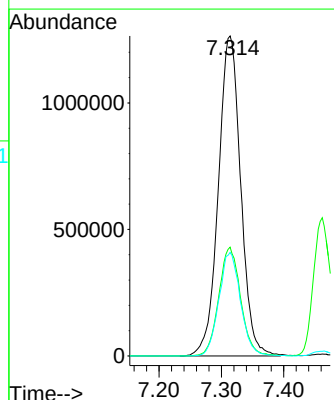
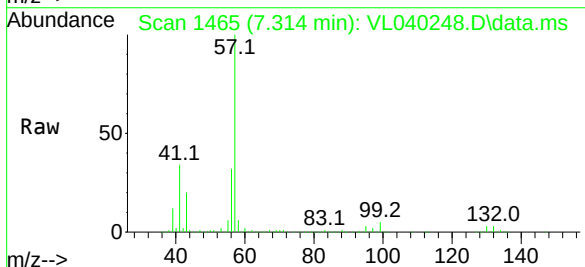
Delta R.T. -0.029 min

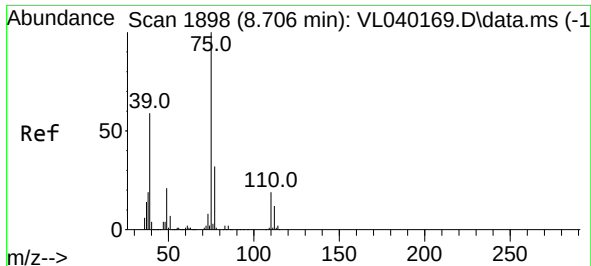
Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Tgt Ion: 57 Resp: 3146089

Ion	Ratio	Lower	Upper
57	100		
41	33.2	26.2	39.4
56	31.4	24.9	37.3





#45

t-1,3-Dichloropropene

Concen: 11.666 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

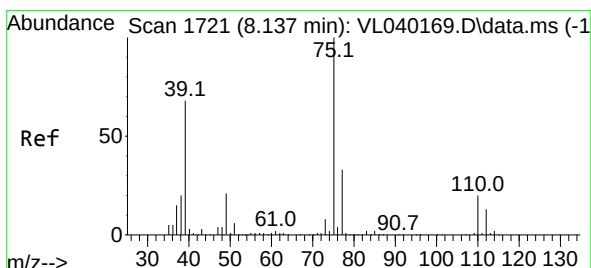
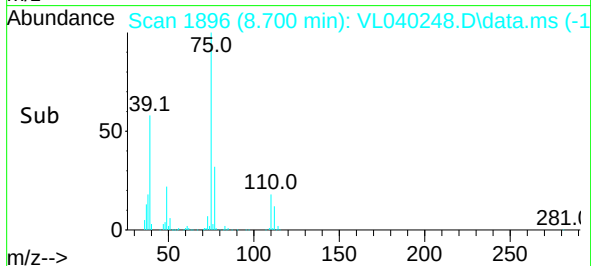
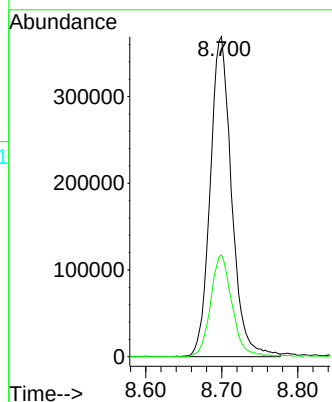
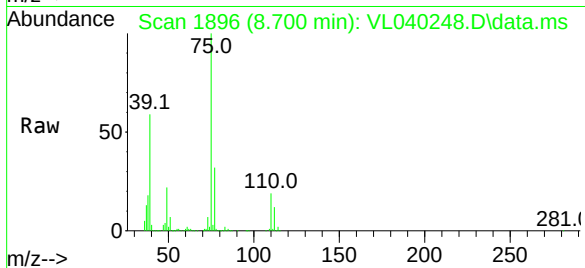
VL0308ABS01

Tgt Ion: 75 Resp: 722405

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



#46

cis-1,3-Dichloropropene

Concen: 11.266 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

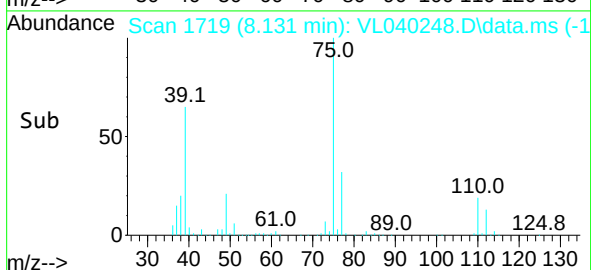
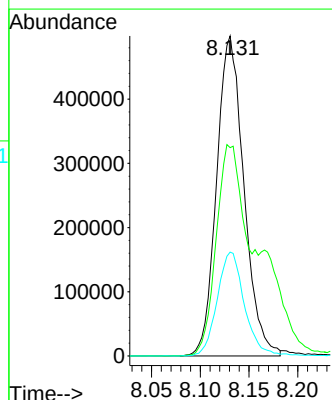
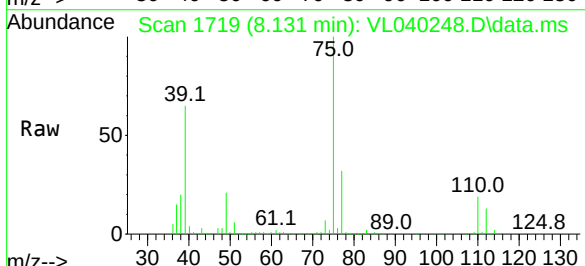
Tgt Ion: 75 Resp: 971904

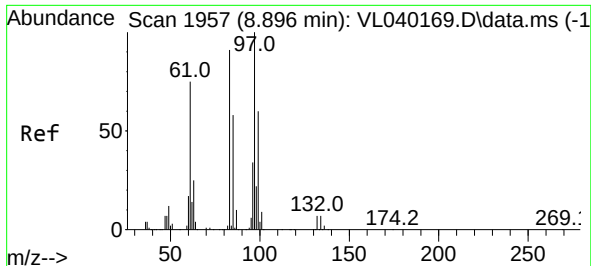
Ion Ratio Lower Upper

75 100

39 65.1 54.2 81.2

77 32.5 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.809 ppbv

RT: 8.883 min Scan# 1953

Delta R.T. -0.035 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

Tgt Ion: 97 Resp: 778668

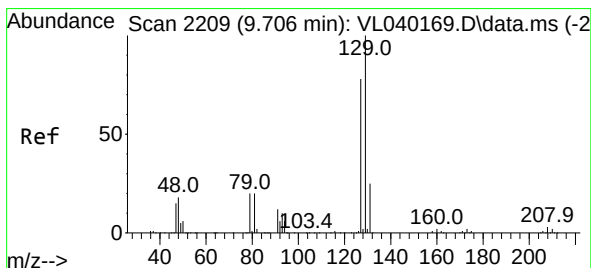
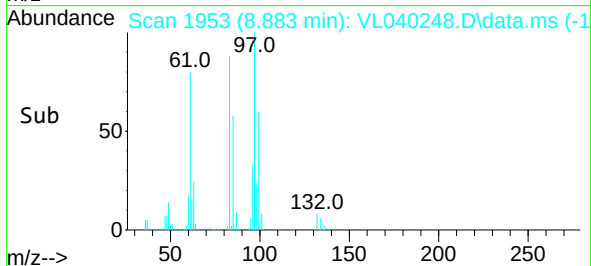
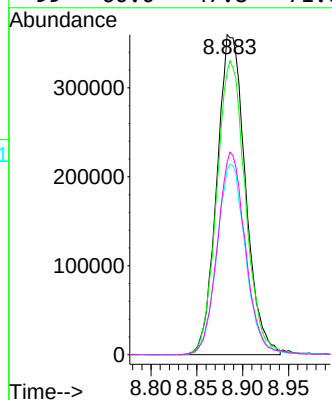
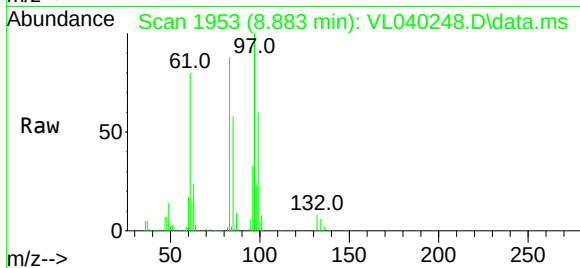
Ion Ratio Lower Upper

97 100

83 88.3 72.8 109.2

85 57.6 46.6 69.8

99 60.0 47.8 71.6



#48

Dibromochloromethane

Concen: 10.706 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.032 min

Lab File: VL040248.D

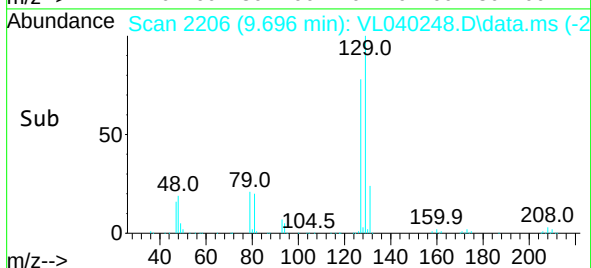
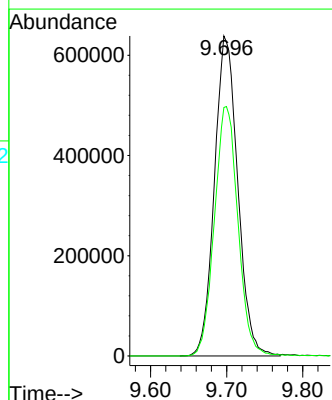
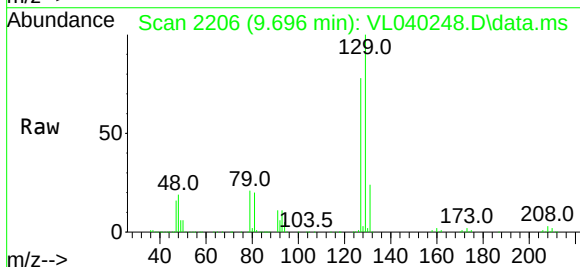
Acq: 8 Mar 2023 10:49

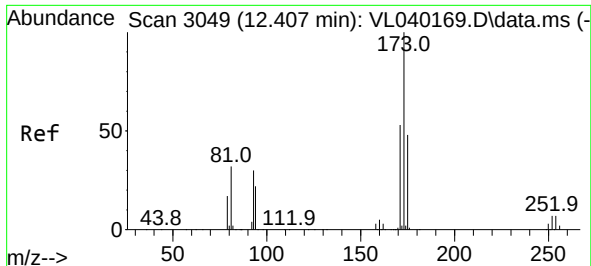
Tgt Ion: 129 Resp: 1359320

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.2

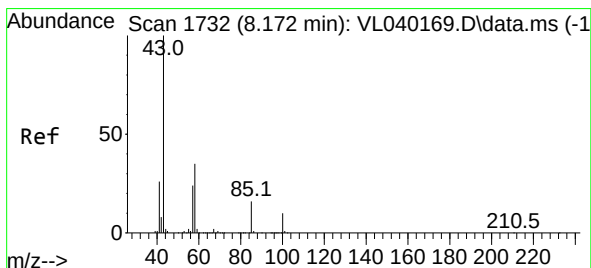
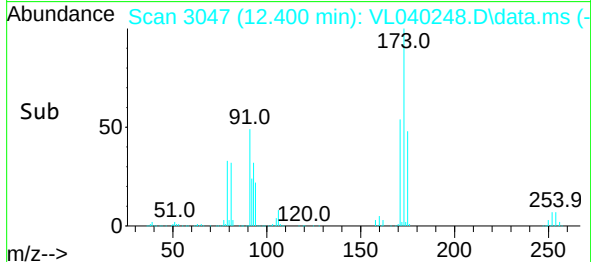
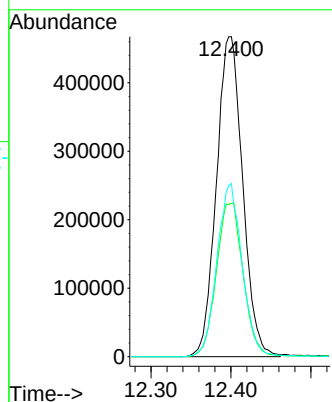
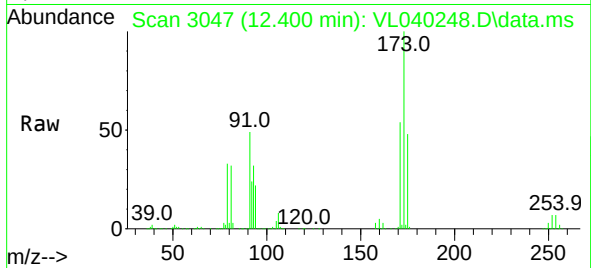




#49
Bromoform
Concen: 10.735 ppbv
RT: 12.400 min Scan# 3049
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

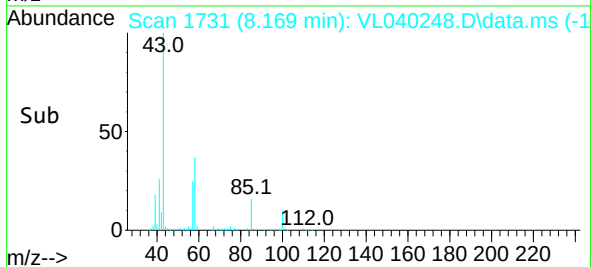
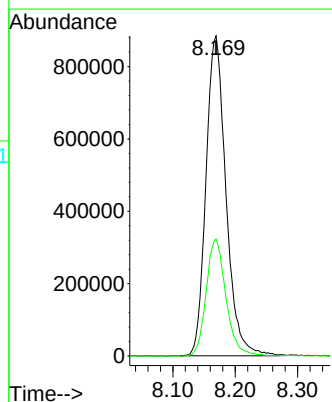
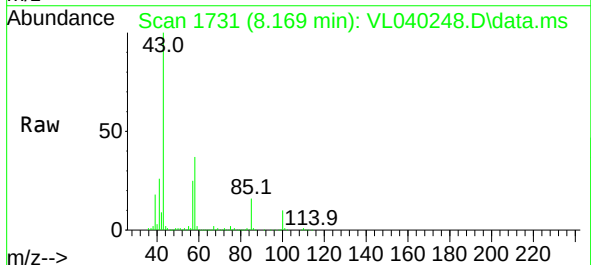
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

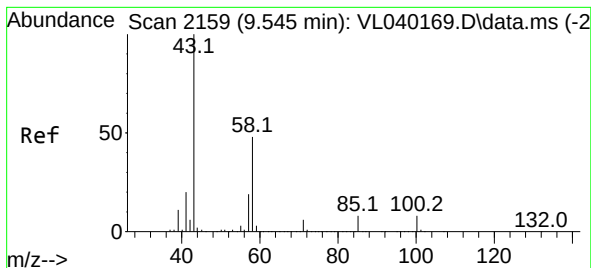
Tgt Ion:173 Resp: 1063864
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
171 52.2 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 10.628 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.026 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 43 Resp: 1973351
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8





#51

2-Hexanone

Concen: 10.685 ppbv

RT: 9.539 min Scan# 2159

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

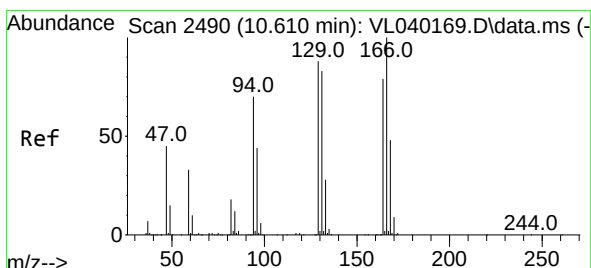
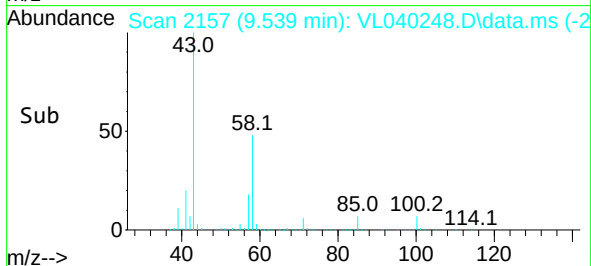
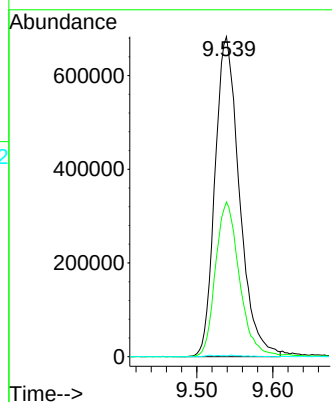
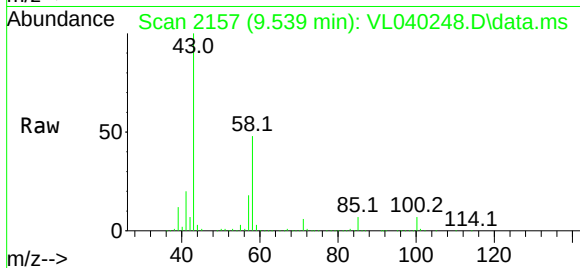
Tgt Ion: 43 Resp: 1525763

Ion Ratio Lower Upper

43 100

58 47.7 39.1 58.7

98 0.3 0.2 0.4



#52

Tetrachloroethene

Concen: 10.588 ppbv

RT: 10.603 min Scan# 2488

Delta R.T. -0.032 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Tgt Ion:164 Resp: 623735

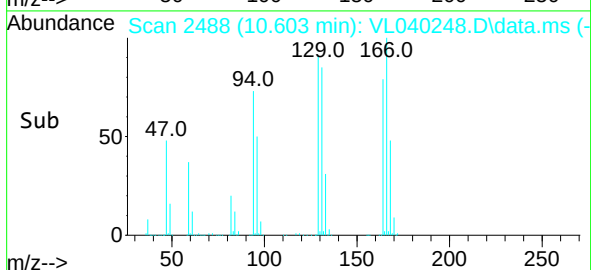
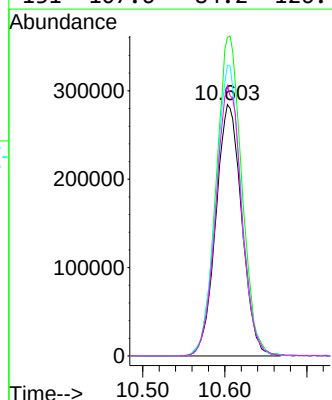
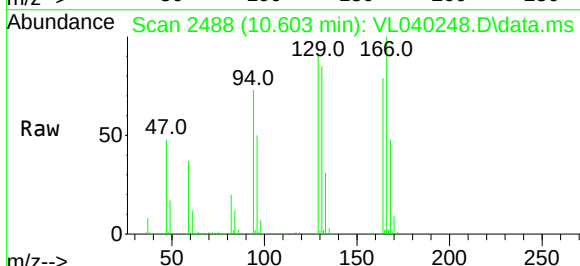
Ion Ratio Lower Upper

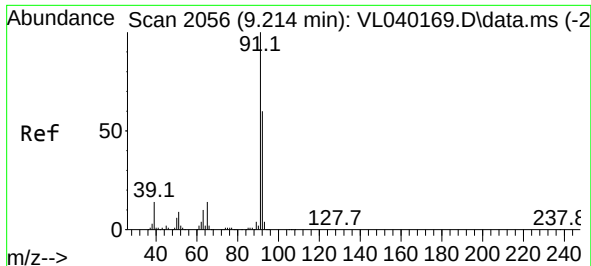
164 100

166 126.6 101.5 152.3

129 115.5 89.0 133.4

131 107.6 84.2 126.4

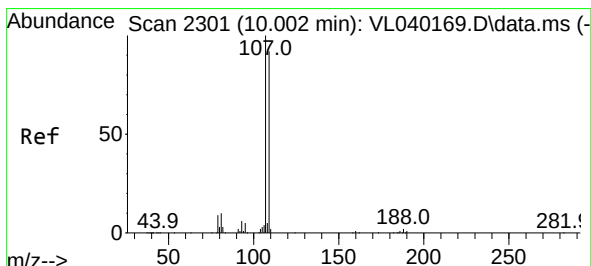
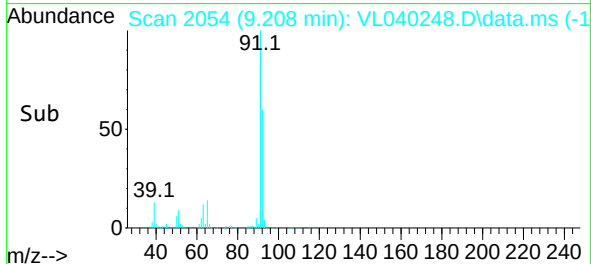
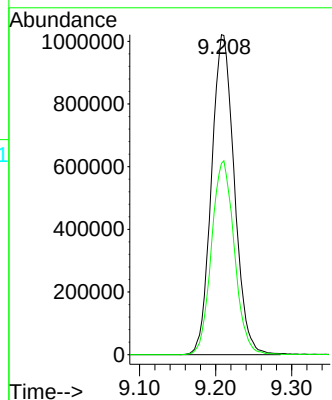
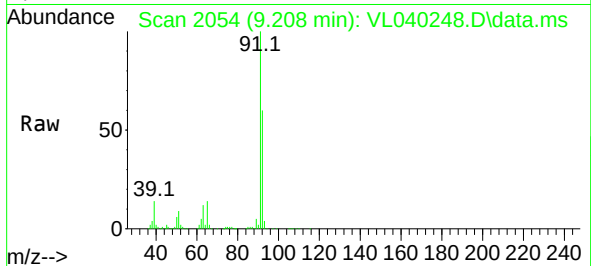




#53
Toluene
Concen: 10.523 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

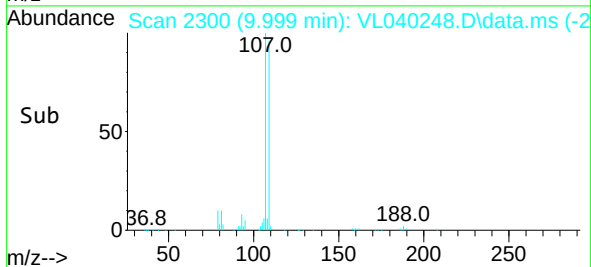
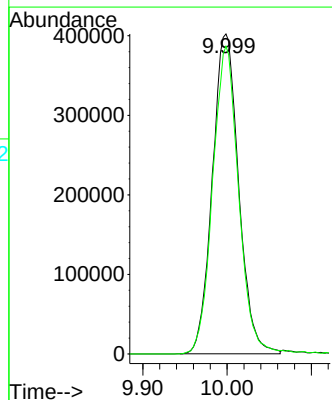
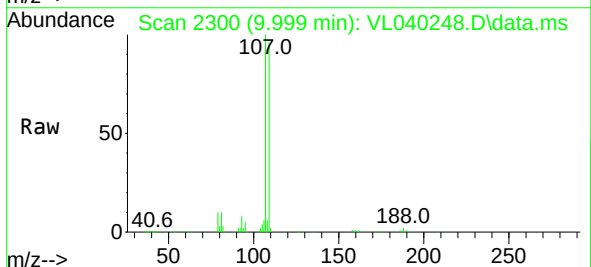
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

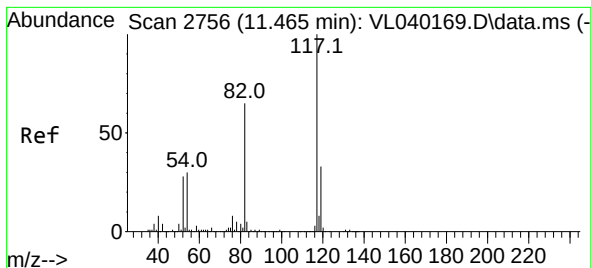
Tgt Ion: 91 Resp: 2126282
Ion Ratio Lower Upper
91 100
92 60.8 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.564 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 107 Resp: 872465
Ion Ratio Lower Upper
107 100
109 96.1 73.8 110.8

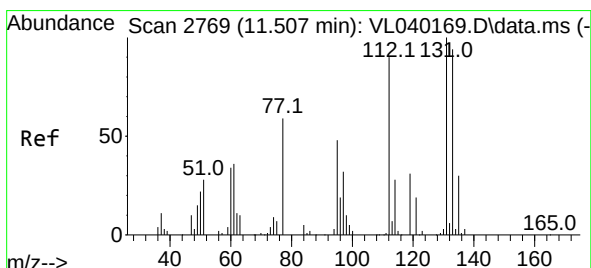
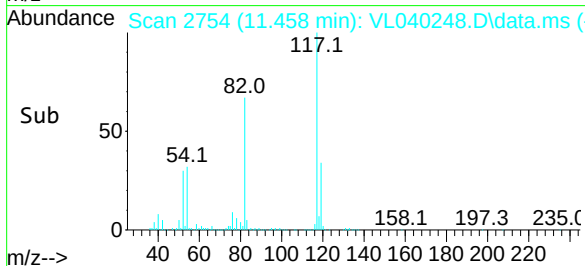
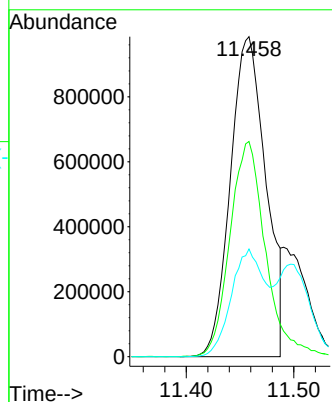
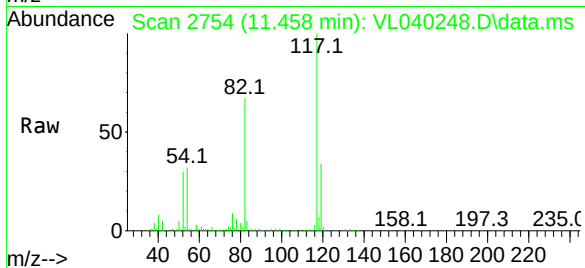




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

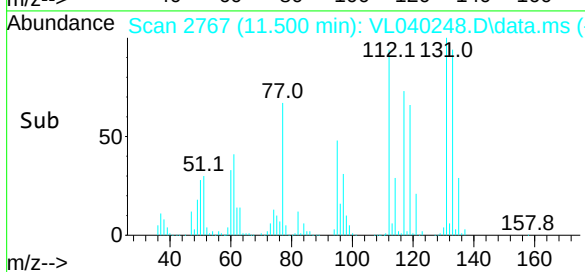
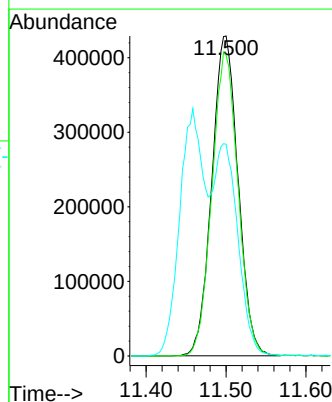
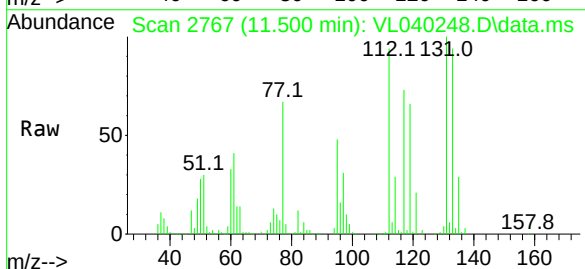
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

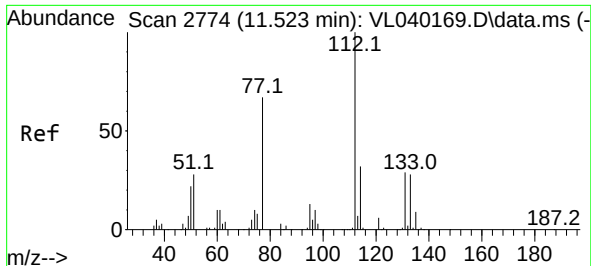
Tgt Ion:117 Resp: 2264431
Ion Ratio Lower Upper
117 100
82 67.7 53.3 79.9
119 29.4 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.273 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:131 Resp: 976515
Ion Ratio Lower Upper
131 100
133 94.6 76.2 114.2
119 68.0 45.4 68.0

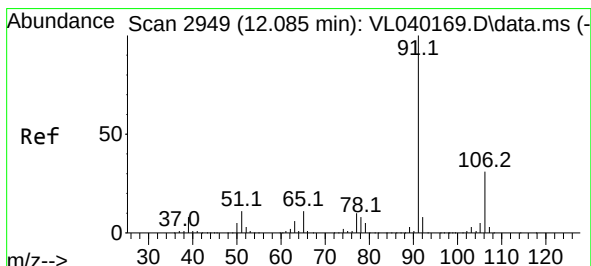
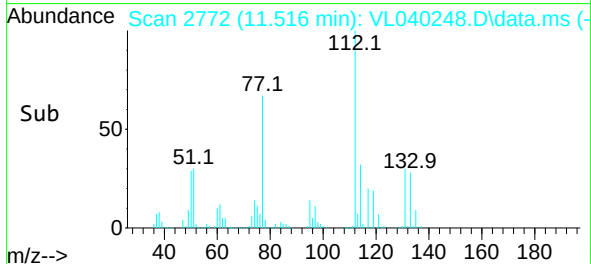
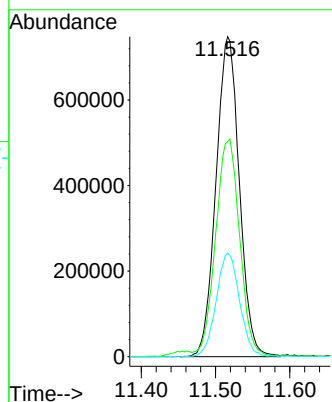
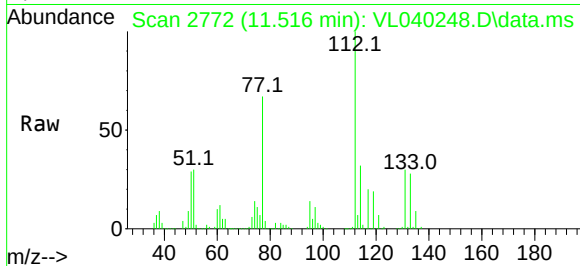




#57
Chlorobenzene
Concen: 9.877 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

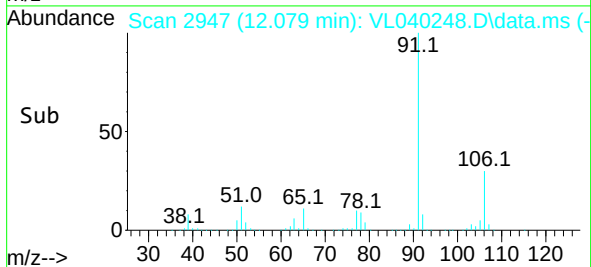
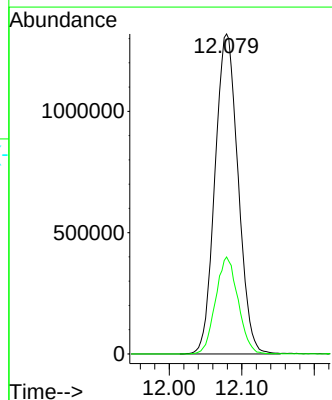
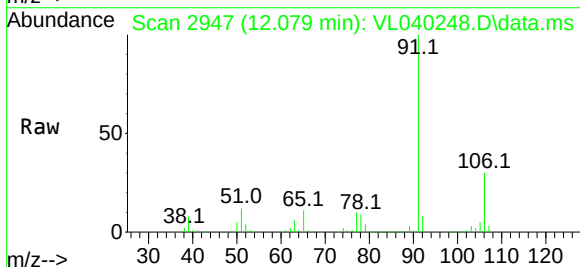
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

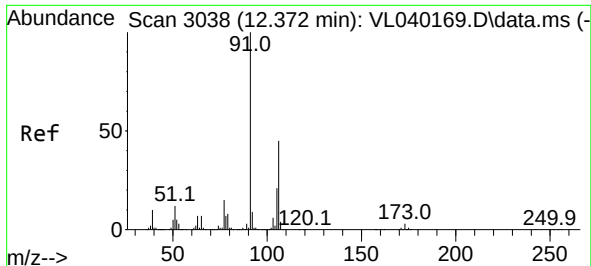
Tgt Ion:112 Resp: 1633980
Ion Ratio Lower Upper
112 100
77 67.0 55.0 82.4
114 32.4 29.0 35.4



#58
Ethyl Benzene
Concen: 10.607 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 91 Resp: 2918388
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3





#59

m/p-Xylene

Concen: 11.027 ppbv

RT: 12.365 min Scan# 3038

Delta R.T. -0.032 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

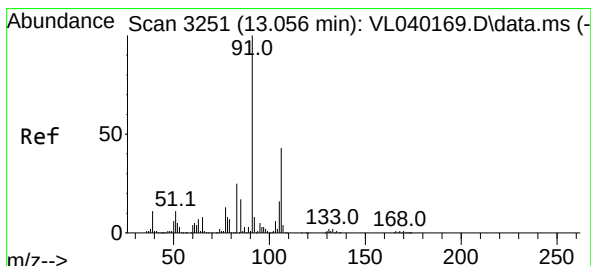
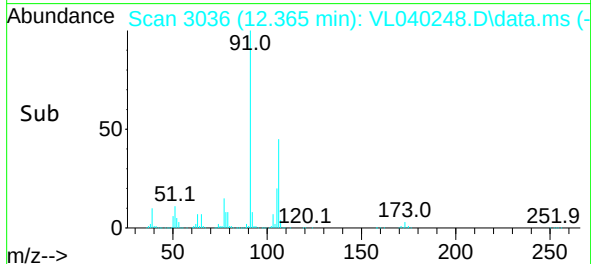
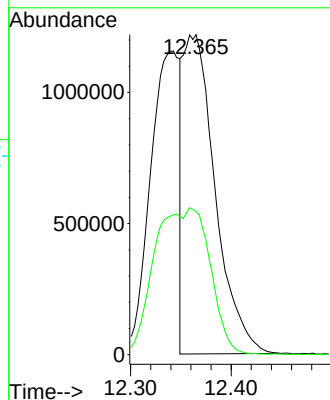
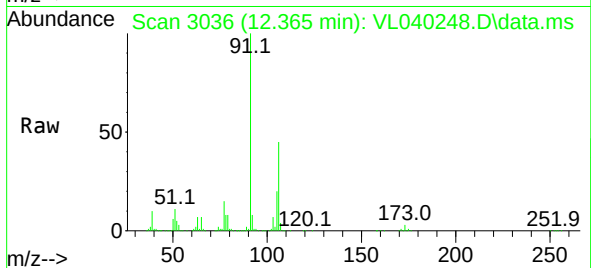
VL0308ABS01

Tgt Ion: 91 Resp: 2687234

Ion Ratio Lower Upper

91 100

106 80.6 34.6 51.8#



#60

o-Xylene

Concen: 10.370 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.035 min

Lab File: VL040248.D

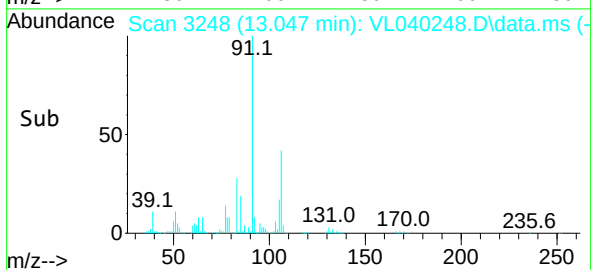
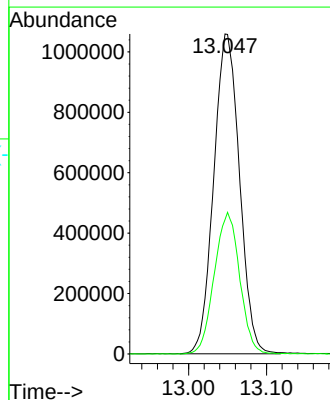
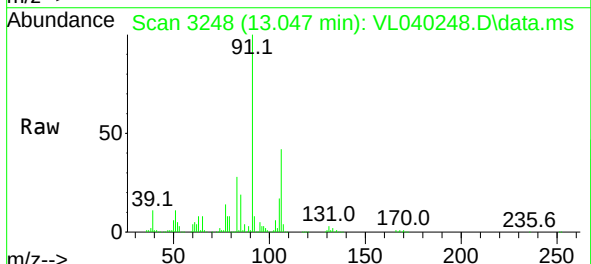
Acq: 8 Mar 2023 10:49

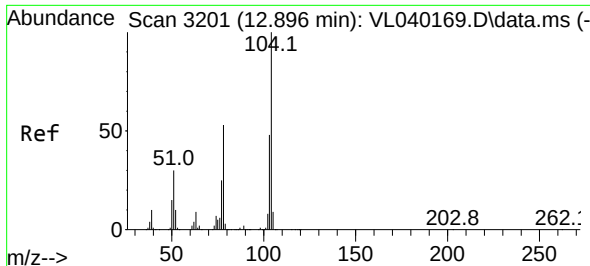
Tgt Ion: 91 Resp: 2431463

Ion Ratio Lower Upper

91 100

106 43.6 21.6 65.0

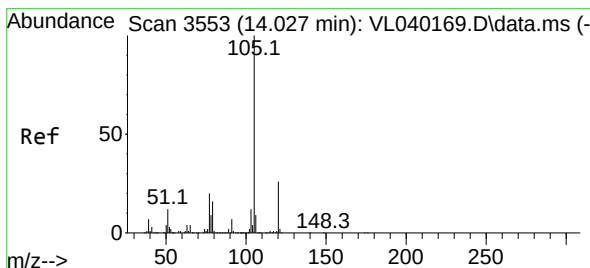
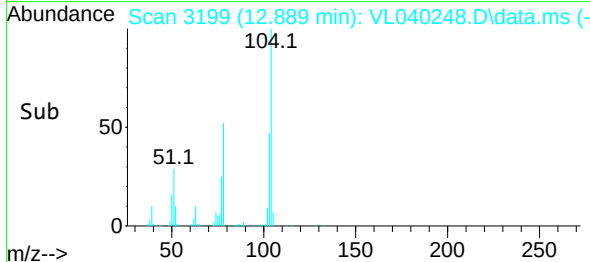
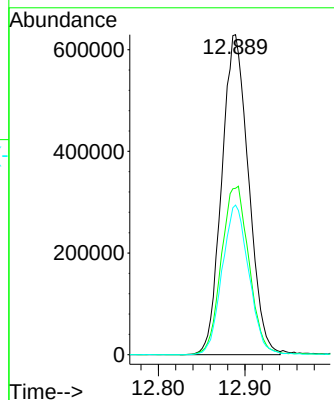
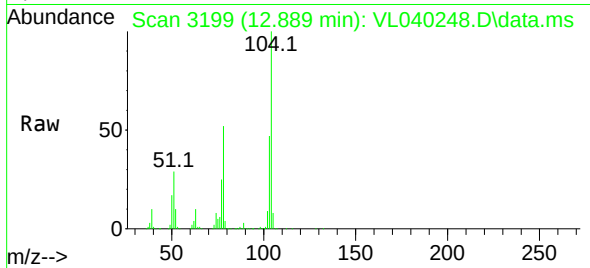




#61
Styrene
Concen: 10.979 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

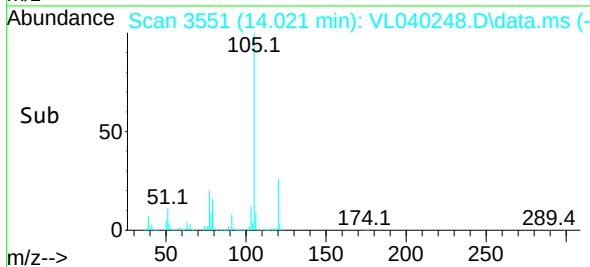
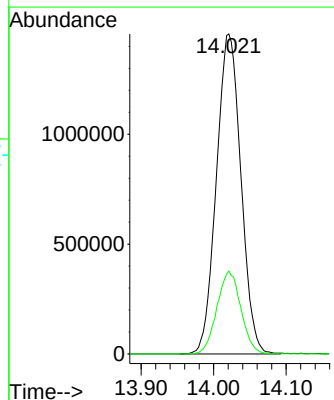
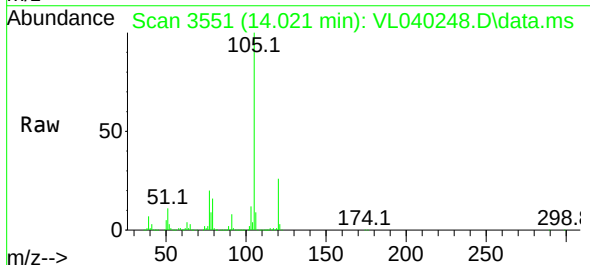
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

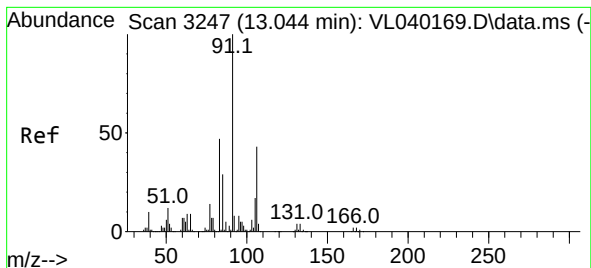
Tgt Ion:104 Resp: 1351599
Ion Ratio Lower Upper
104 100
78 54.6 42.3 63.5
103 46.9 37.5 56.3



#62
Isopropylbenzene
Concen: 10.166 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:105 Resp: 3421323
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5

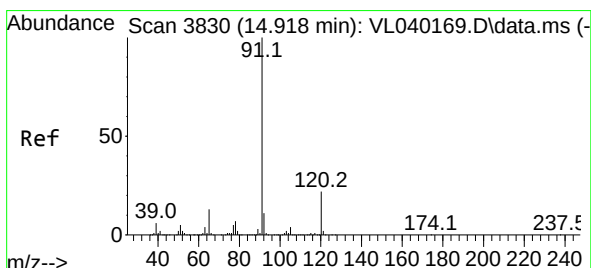
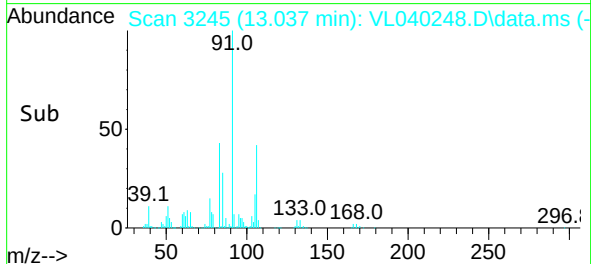
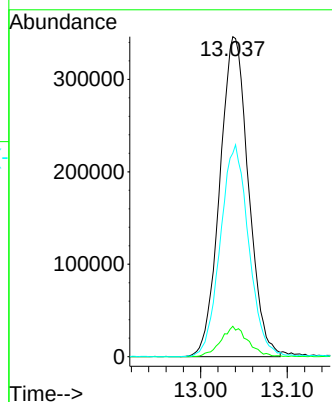
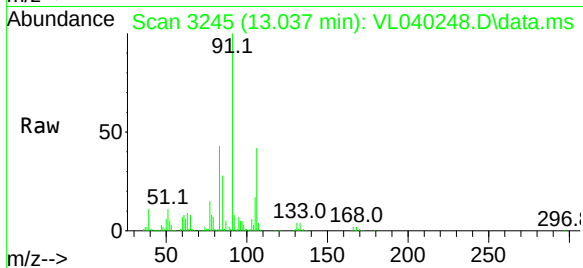




#63
1,1,2,2-Tetrachloroethane
Concen: 9.424 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

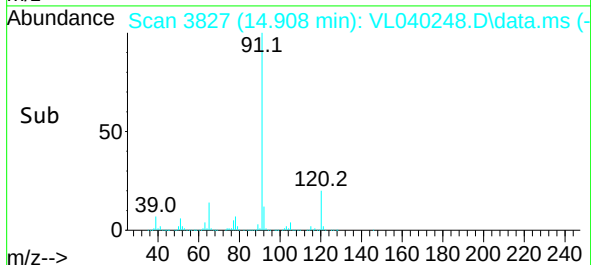
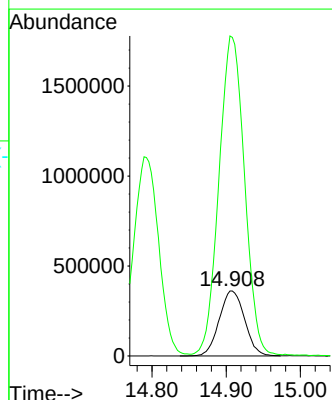
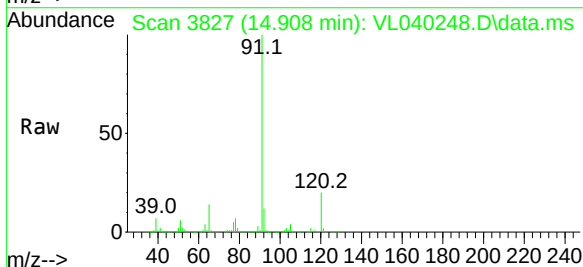
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

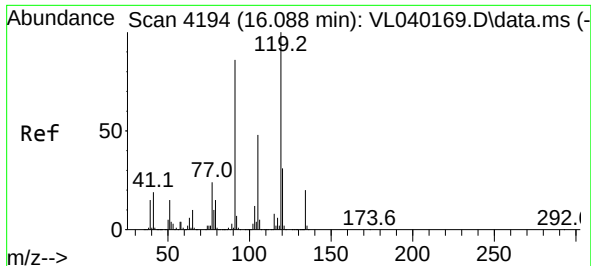
Tgt Ion: 83 Resp: 796295
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 65.8 33.0 99.0



#64
n-propylbenzene
Concen: 10.320 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 120 Resp: 859701
Ion Ratio Lower Upper
120 100
91 498.0 389.8 584.8

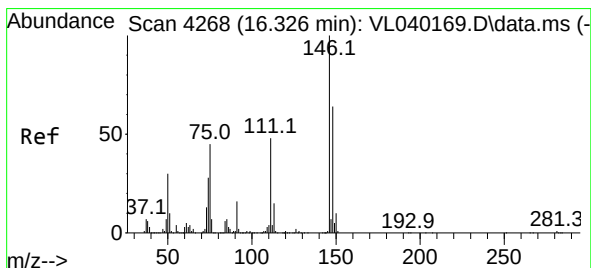
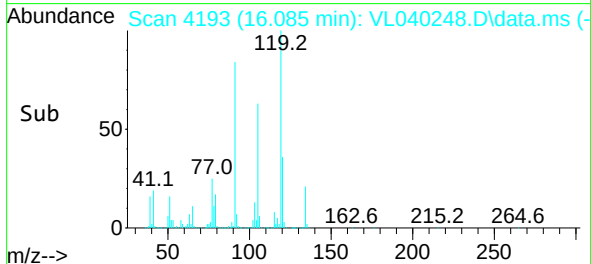
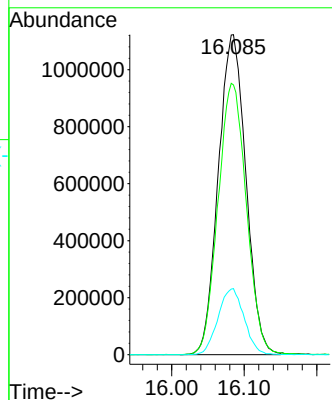
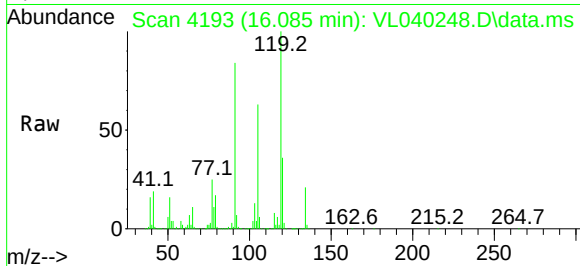




#65
tert-Butylbenzene
Concen: 10.131 ppbv
RT: 16.085 min Scan# 4194
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

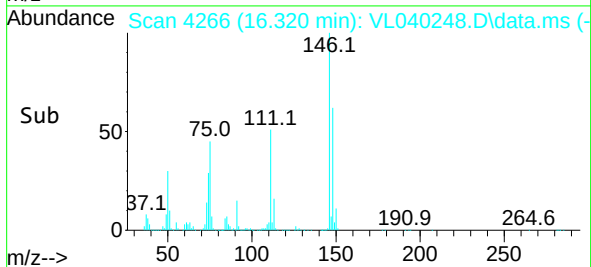
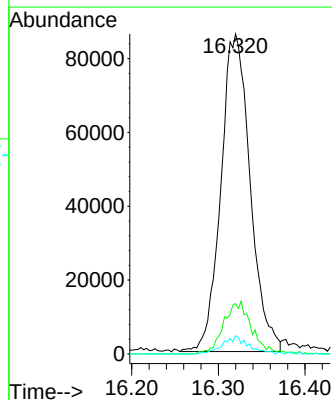
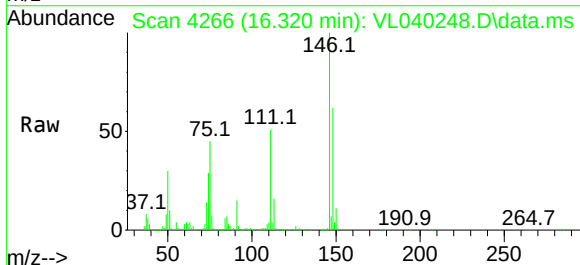
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

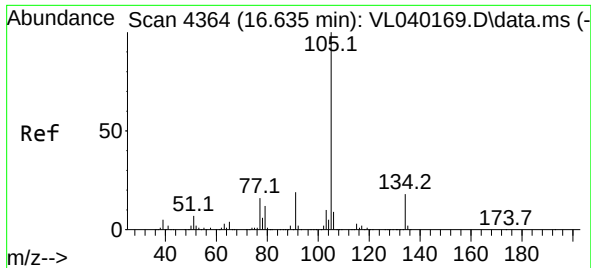
Tgt Ion:119 Resp: 2964022
Ion Ratio Lower Upper
119 100
91 87.2 68.6 102.8
134 19.6 15.9 23.9



#66
Benzyl Chloride
Concen: 10.371 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 91 Resp: 201903
Ion Ratio Lower Upper
91 100
126 16.0 13.1 19.7
128 5.1 4.1 6.1

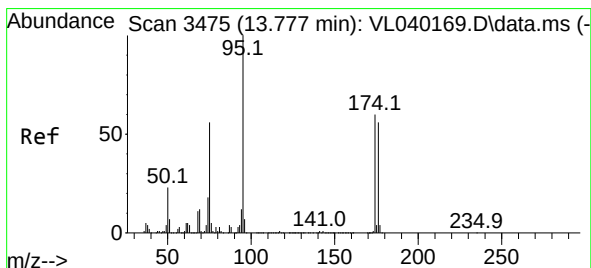
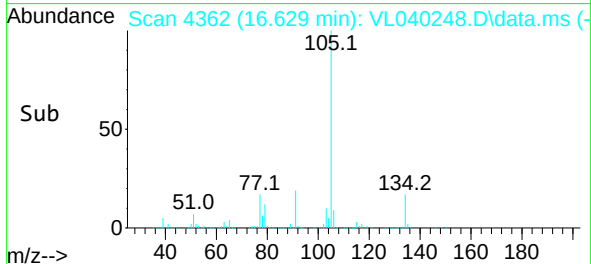
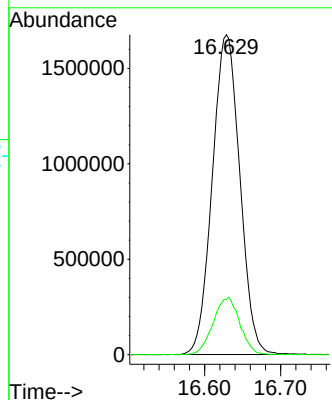
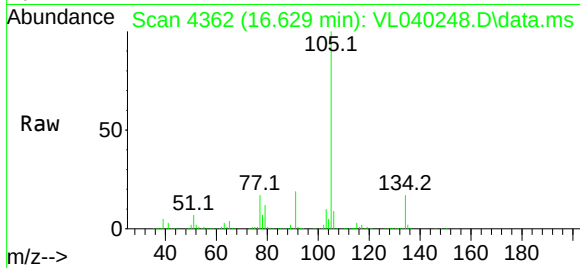




#67
 sec-Butylbenzene
 Concen: 10.029 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

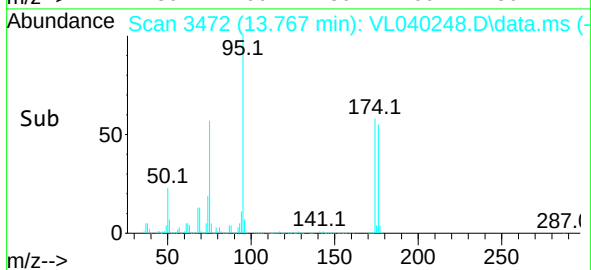
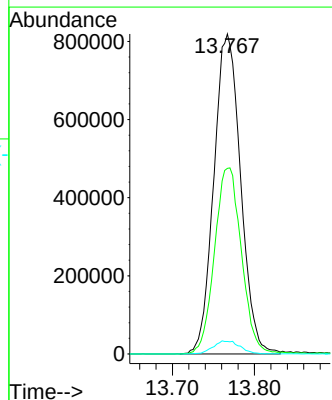
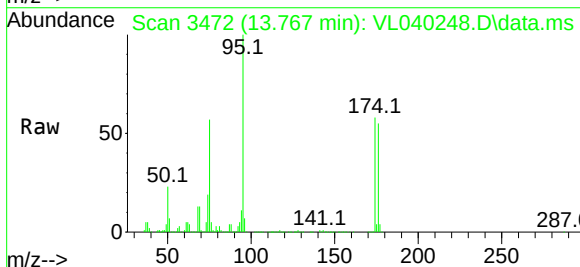
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0308ABS01

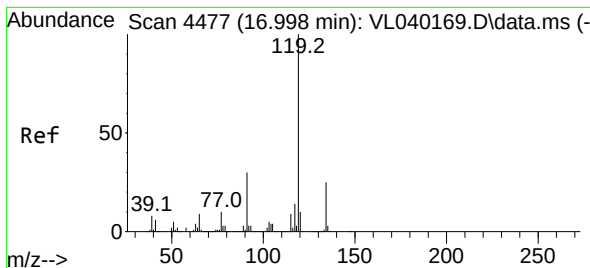
Tgt Ion:105 Resp: 4207957
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.985 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.029 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion: 95 Resp: 1859248
 Ion Ratio Lower Upper
 95 100
 174 58.7 48.2 72.2
 175 4.1 3.4 5.2

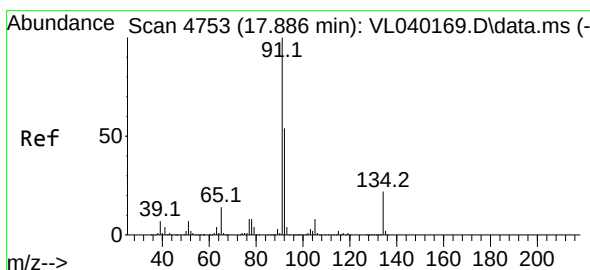
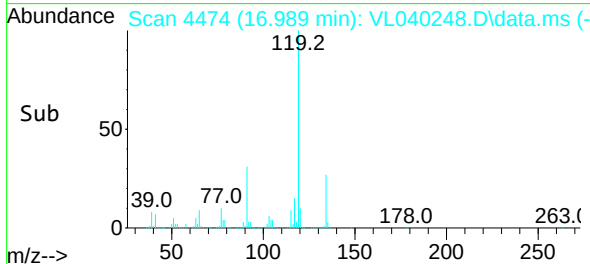
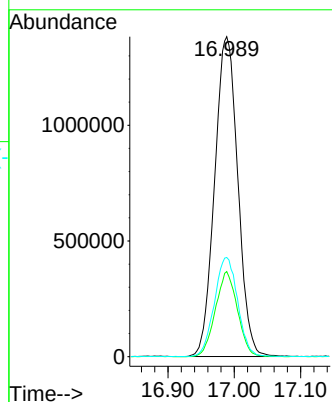
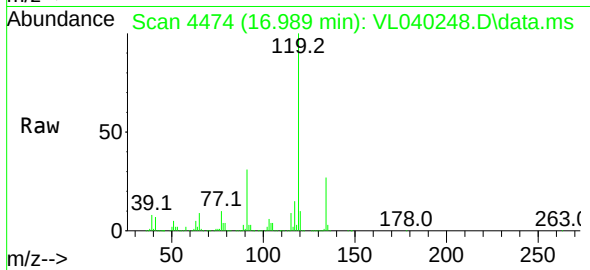




#69
p-Isopropyltoluene
Concen: 10.092 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

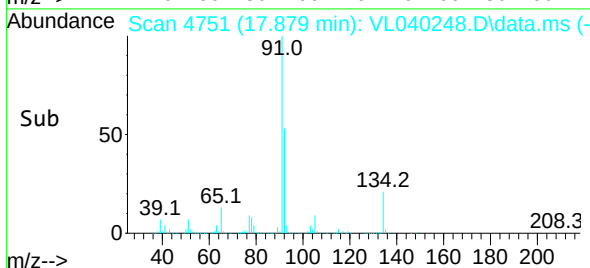
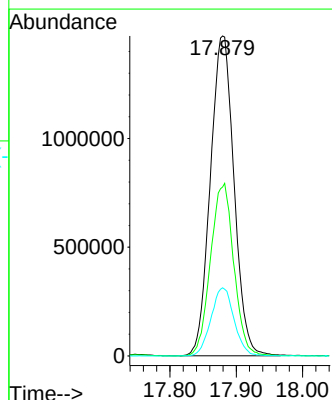
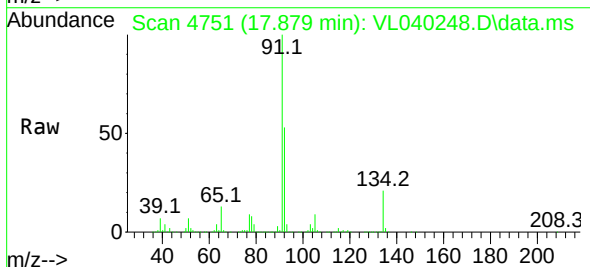
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

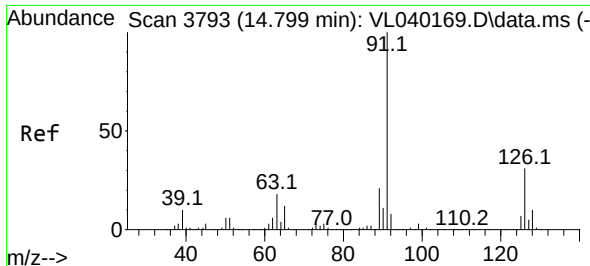
Tgt Ion:119 Resp: 3356977
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.1 24.7 37.1



#70
n-Butylbenzene
Concen: 10.117 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 91 Resp: 3652563
Ion Ratio Lower Upper
91 100
92 53.1 43.0 64.6
134 20.8 16.9 25.3

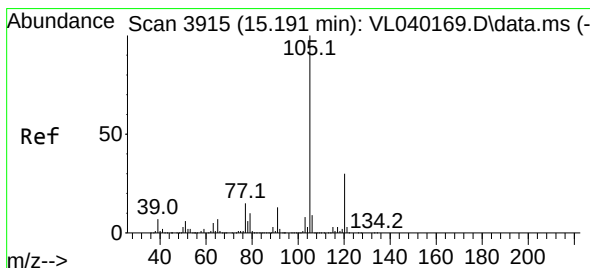
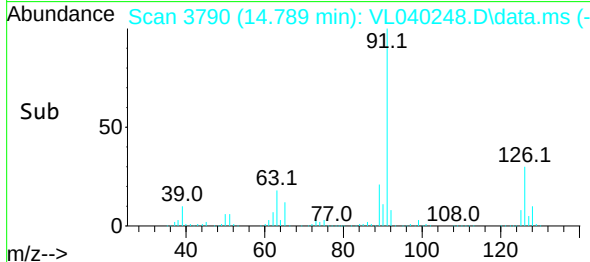
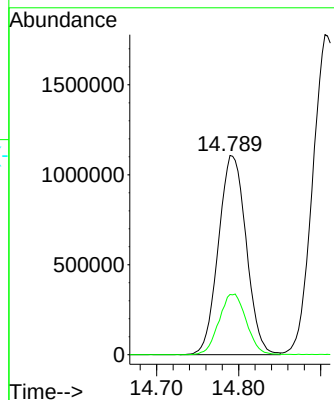
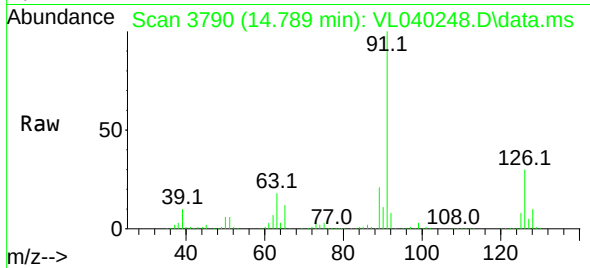




#71
2-Chlorotoluene
Concen: 10.121 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

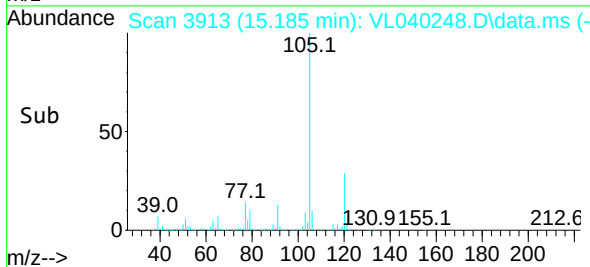
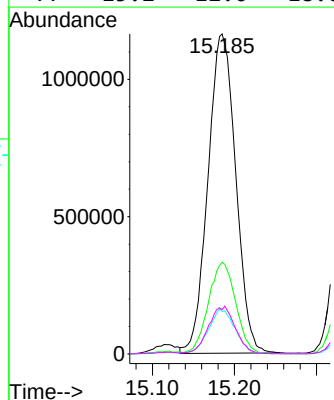
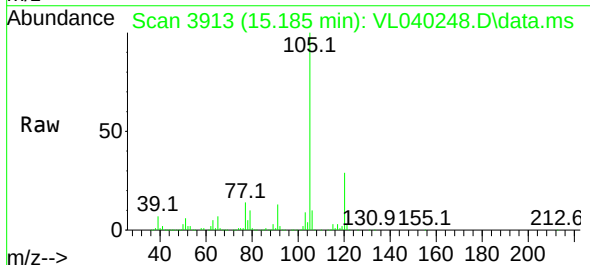
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

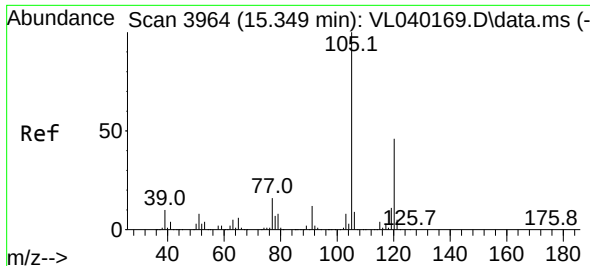
Tgt Ion: 91 Resp: 2605170
Ion Ratio Lower Upper
91 100
126 30.0 12.0 48.2



#72
4-Ethyltoluene
Concen: 10.538 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:105 Resp: 2731541
Ion Ratio Lower Upper
105 100
120 29.2 23.2 34.8
91 14.0 11.3 16.9
77 15.2 12.0 18.0

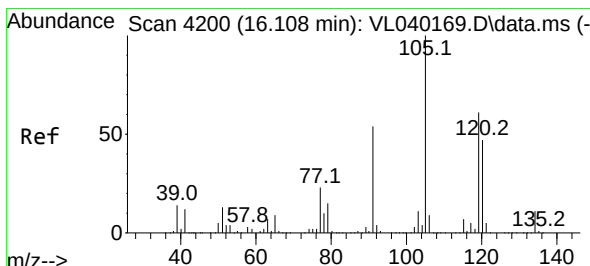
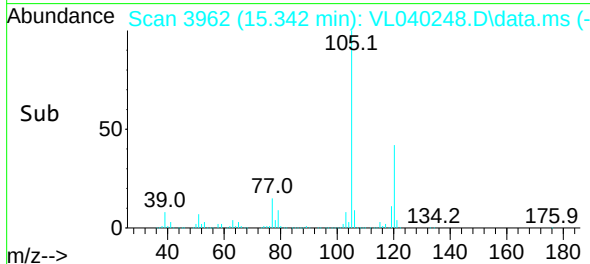
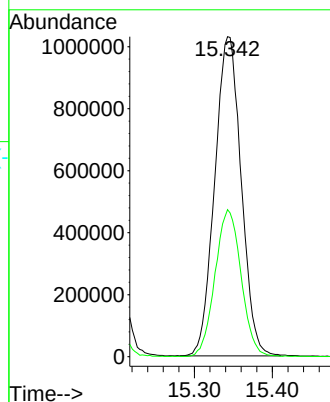
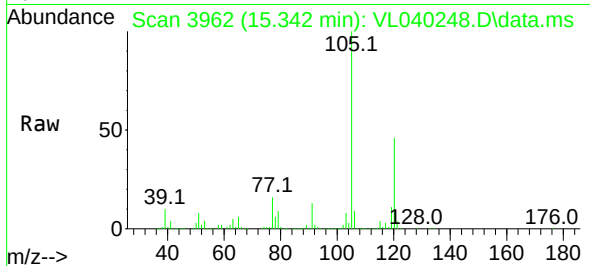




#73
1,3,5-Trimethylbenzene
Concen: 10.062 ppbv
RT: 15.342 min Scan# 3964
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

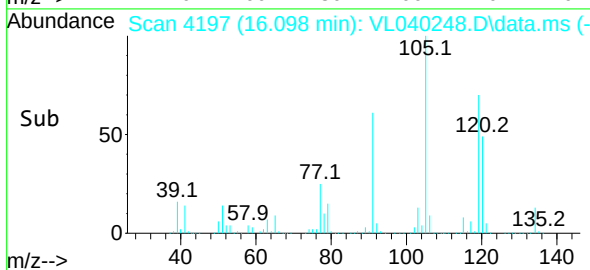
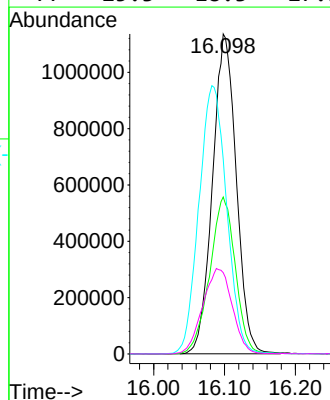
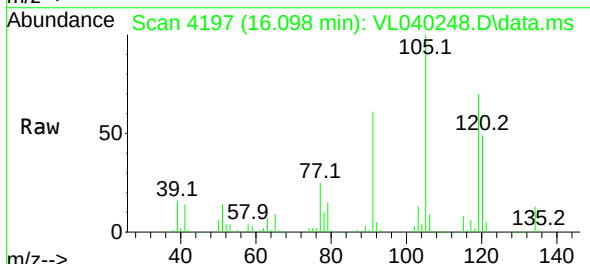
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

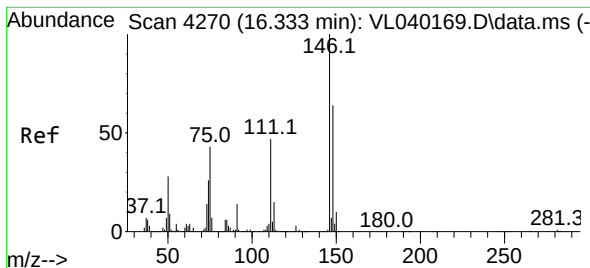
Tgt Ion:105 Resp: 2426846
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 9.970 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:105 Resp: 2641269
Ion Ratio Lower Upper
105 100
120 49.0 37.9 56.9
91 60.6 43.7 65.5
77 25.3 18.3 27.5

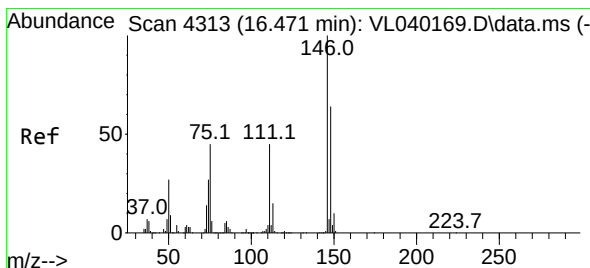
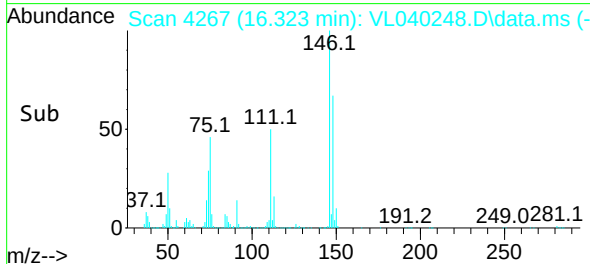
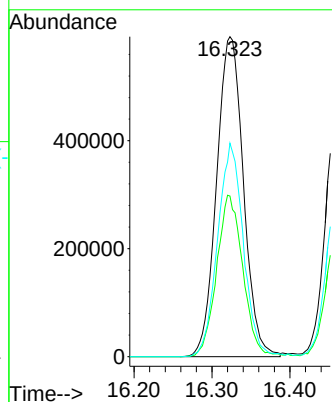
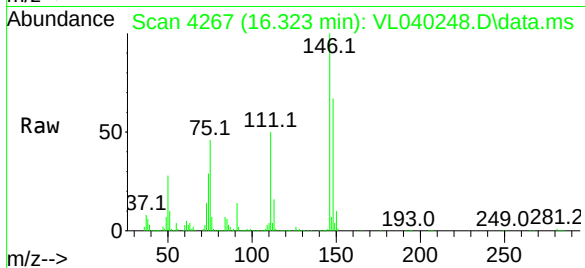




#75
1,3-Dichlorobenzene
Concen: 9.790 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

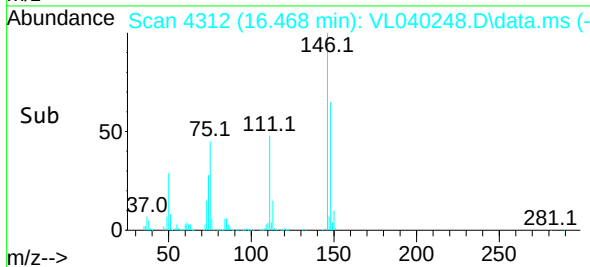
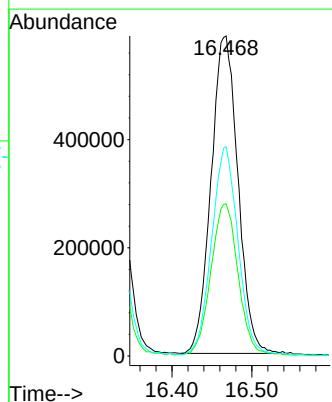
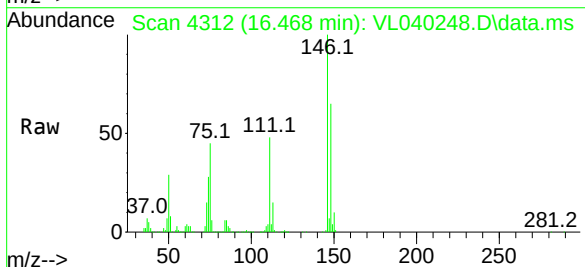
Instrument :
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ClientSampleId :
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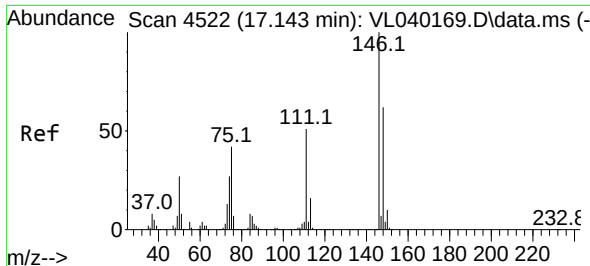
Tgt Ion:146 Resp: 1419359
Ion Ratio Lower Upper
146 100
111 49.4 23.9 71.8
148 63.9 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 9.636 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:146 Resp: 1369063
Ion Ratio Lower Upper
146 100
111 49.4 23.5 70.5
148 65.4 32.5 97.4

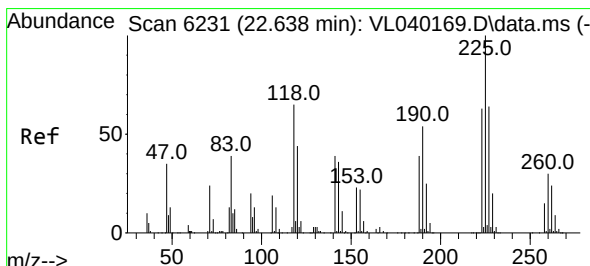
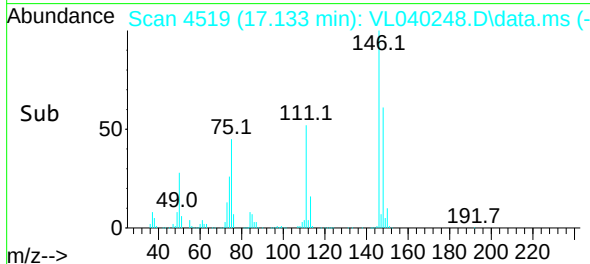
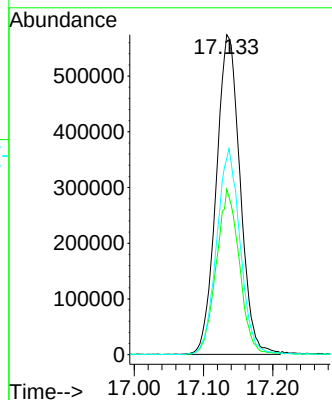
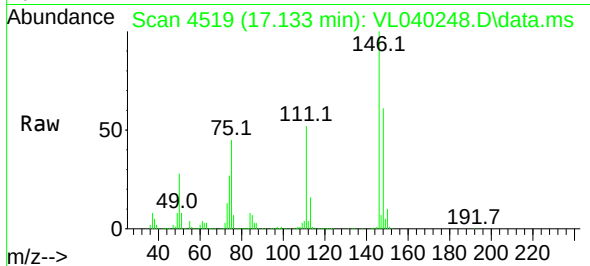




#77
1,2-Dichlorobenzene
Concen: 9.516 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

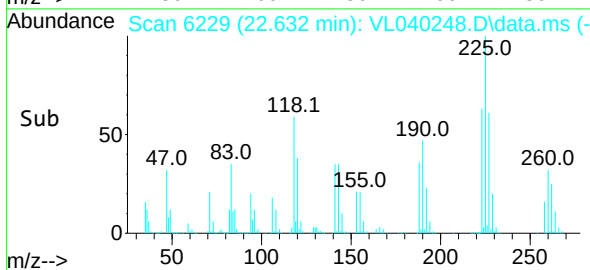
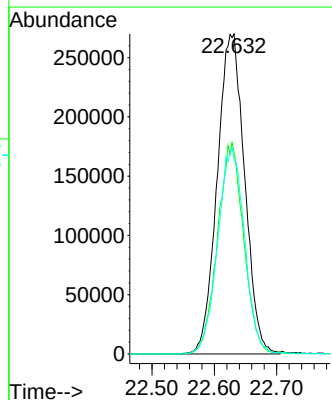
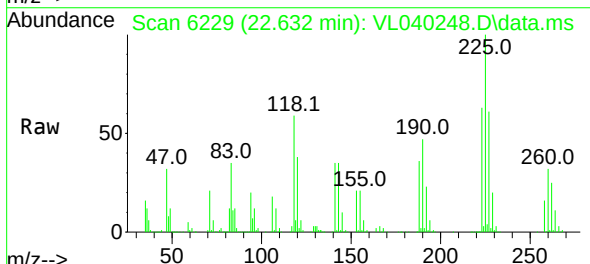
Instrument :
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ClientSampleId :
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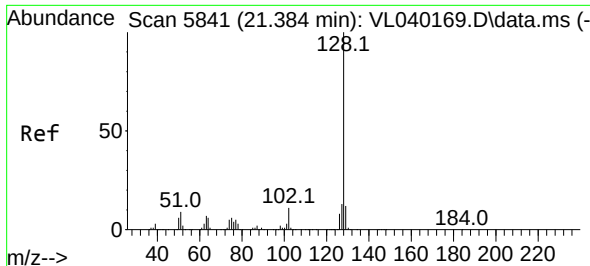
Tgt Ion:146 Resp: 1370446
Ion Ratio Lower Upper
146 100
111 50.5 25.3 75.8
148 63.4 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.331 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:225 Resp: 824275
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 63.3 51.2 76.8

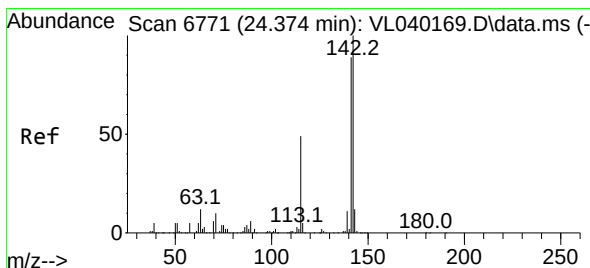
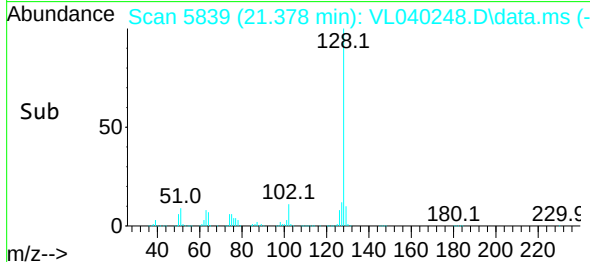
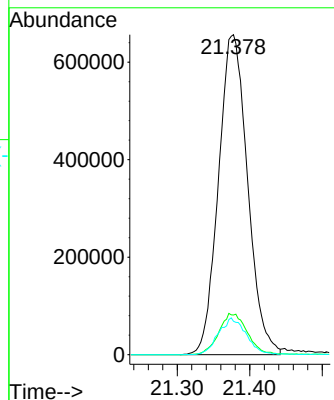
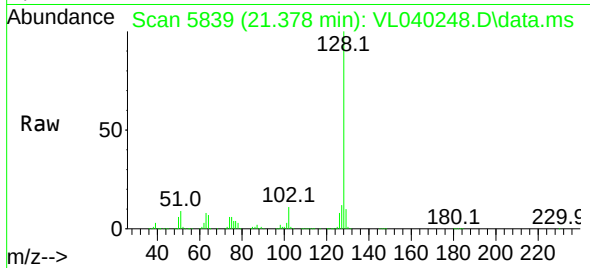




#79
Naphthalene
Concen: 12.301 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

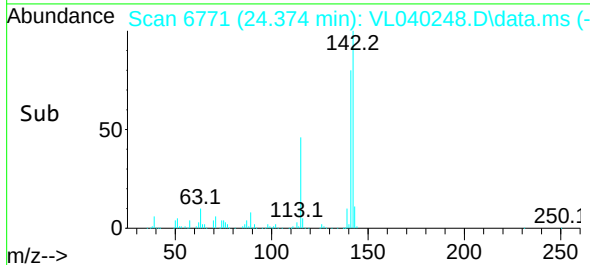
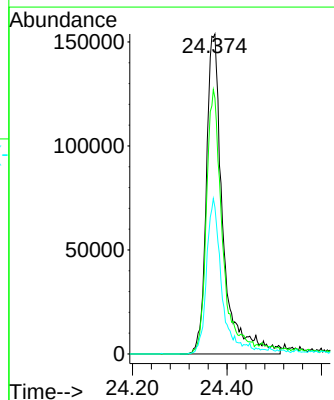
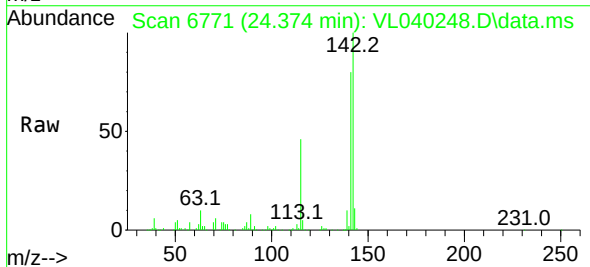
Instrument :
MSVOA_1
ClientSampleId :
VL0308ABS01

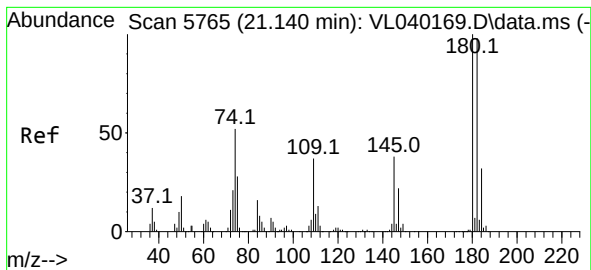
Tgt Ion:128 Resp: 1830801
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.4 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 8.826 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.022 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:142 Resp: 373564
Ion Ratio Lower Upper
142 100
141 82.6 67.3 100.9
115 47.7 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.703 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. -0.035 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01

Tgt Ion:180 Resp: 996822
 Ion Ratio Lower Upper
 180 100
 182 97.0 79.0 118.6
 184 29.8 24.6 36.8

