

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040246.D
 Acq On : 8 Mar 2023 9:23
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Mar 09 04:08:44 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	954270	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2438252	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2310008	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1877373	9.883	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.716	85	1514810	8.517	ppbv	98
3) Chlorodifluoromethane	2.658	51	1121655	9.839	ppbv	100
4) Chloromethane	2.796	50	708001	9.888	ppbv	98
5) Vinyl Chloride	2.906	62	601332	10.450	ppbv	100
6) Bromomethane	3.102	94	203494	9.798	ppbv	98
7) Chloroethane	3.182	64	228233	10.002	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	1536890	10.028	ppbv	100
9) Propene	2.677	41	451155	9.709	ppbv	98
10) Heptane	7.565	43	1153645	10.431	ppbv	99
11) Trichlorofluoromethane	3.545	101	1595873	10.000	ppbv	97
12) 1,1,2-Trichlorotrifluoro...	4.050	101	1180706	10.029	ppbv	100
13) Ethanol	3.227	45	13831	3.233	ppbv #	37
14) Bromoethene	3.349	108	482114	10.679	ppbv	99
15) Acetone	3.452	43	1073073	9.340	ppbv	100
16) 1,3-Butadiene	2.970	39	538485	10.263	ppbv	98
17) tert-Butyl alcohol	3.861	59	1152622	11.001	ppbv	100
18) 1,1-Dichloroethene	3.864	96	531259	10.386	ppbv	99
19) Isopropyl Alcohol	3.558	45	514396	9.419	ppbv	100
20) Methylene Chloride	3.918	84	438140	7.326	ppbv	97
21) Allyl Chloride	3.980	41	746320	10.591	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	560084	10.574	ppbv	95
23) Vinyl Acetate	4.610	43	354927	10.179	ppbv	98
24) 1,1-Dichloroethane	4.545	63	1131249	10.380	ppbv	98
25) Ethyl Acetate	5.185	43	2083052	9.753	ppbv	100
26) Hexane	5.198	57	866758	9.454	ppbv	98
27) Carbon Disulfide	4.108	76	1344581	11.557	ppbv	98
28) Methyl tert-Butyl Ether	4.568	73	1008982	10.271	ppbv	99
29) Chloroform	5.259	83	1546250	9.822	ppbv	99
30) Cyclohexane	6.587	84	751313	10.436	ppbv	99
31) cis-1,2-Dichloroethene	5.060	61	843995	9.688	ppbv	94
32) 1,1,1-Trichloroethane	5.989	97	1565702	10.585	ppbv	99
34) 2-Butanone	4.770	43	1209127	10.053	ppbv	100
35) Carbon Tetrachloride	6.478	117	1627290	11.289	ppbv	97
36) Benzene	6.356	78	1899938	10.013	ppbv	98
37) 1,2-Dichloroethane	5.793	62	1206751	10.168	ppbv	99
38) Trichloroethene	7.278	130	1133424	10.840	ppbv	99
39) 1,2-Dichloropropane	7.060	63	732108	9.918	ppbv	96
40) 1,4-Dioxane	7.275	88	276994	9.381	ppbv	85
41) Tetrahydrofuran	5.542	42	708378	10.163	ppbv	100
42) Bromodichloromethane	7.237	83	1722634	10.517	ppbv	97
43) Methyl Methacrylate	7.462	69	753591	10.733	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3186877	10.061	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	732445	11.760	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040246.D
 Acq On : 8 Mar 2023 9:23
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

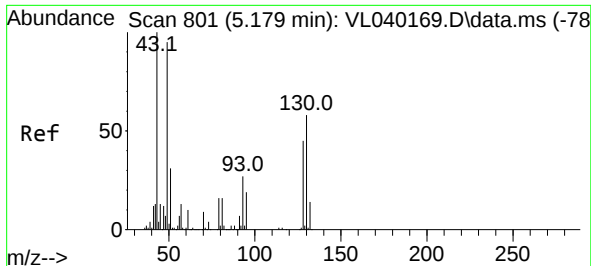
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	983495	11.335	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	794997	9.958	ppbv	97
48) Dibromochloromethane	9.696	129	1390130	10.886	ppbv	100
49) Bromoform	12.400	173	1086816	10.904	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	1977163	10.587	ppbv	99
51) 2-Hexanone	9.536	43	1545940	10.764	ppbv #	98
52) Tetrachloroethene	10.603	164	631969	10.666	ppbv	98
53) Toluene	9.208	91	2144710	10.553	ppbv	99
54) 1,2-Dibromoethane	9.999	107	877201	10.560	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.497	131	988694	10.196	ppbv	98
57) Chlorobenzene	11.516	112	1653404	9.797	ppbv	99
58) Ethyl Benzene	12.079	91	2930092	10.440	ppbv	99
59) m/p-Xylene	12.359	91	2461385	9.901	ppbv #	29
60) o-Xylene	13.047	91	2468927	10.322	ppbv	100
61) Styrene	12.889	104	1384873	11.028	ppbv	99
62) Isopropylbenzene	14.021	105	3459901	10.077	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	808579	9.381	ppbv	100
64) n-propylbenzene	14.908	120	869035	10.227	ppbv	97
65) tert-Butylbenzene	16.079	119	2991660	10.024	ppbv	99
66) Benzyl Chloride	16.313	91	92961	4.681	ppbv #	67
67) sec-Butylbenzene	16.629	105	4249881	9.929	ppbv	100
69) p-Isopropyltoluene	16.985	119	3372908	9.940	ppbv	100
70) n-Butylbenzene	17.876	91	3644932	9.897	ppbv	100
71) 2-Chlorotoluene	14.789	91	2639217	10.051	ppbv	100
72) 4-Ethyltoluene	15.185	105	2759928	10.438	ppbv	99
73) 1,3,5-Trimethylbenzene	15.342	105	2450905	9.961	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	2655109	9.824	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1427714	9.653	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1403243	9.682	ppbv	100
77) 1,2-Dichlorobenzene	17.133	146	1384175	9.422	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	875391	8.673	ppbv	99
79) Naphthalene	21.378	128	1682021	11.078	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	379450	8.789	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	920045	9.684	ppbv	96

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

Quant Time: Mar 09 04:08:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
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QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

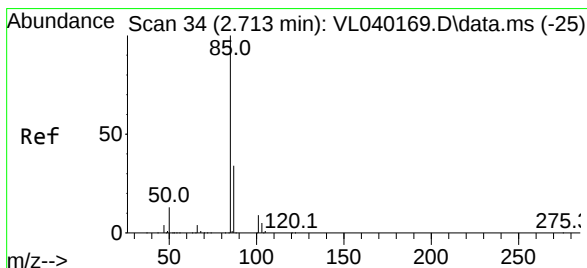
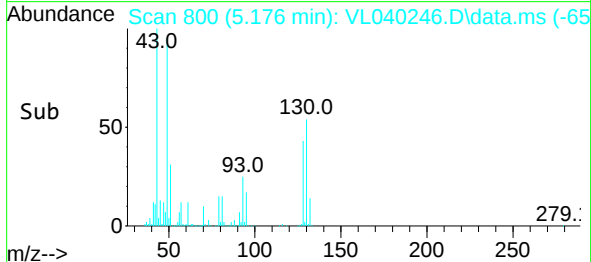
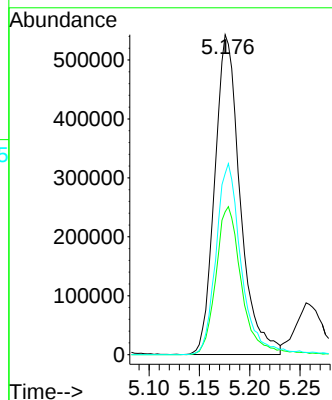
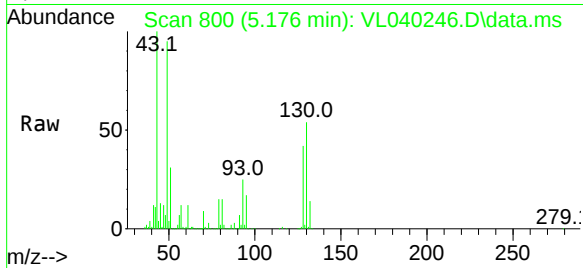




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.025 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

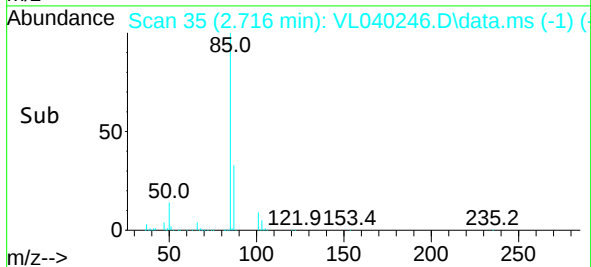
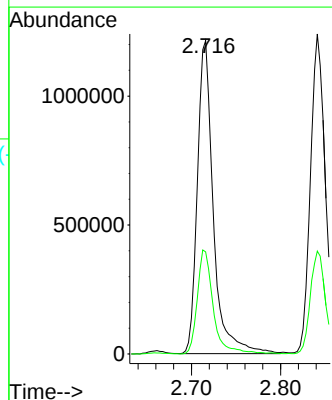
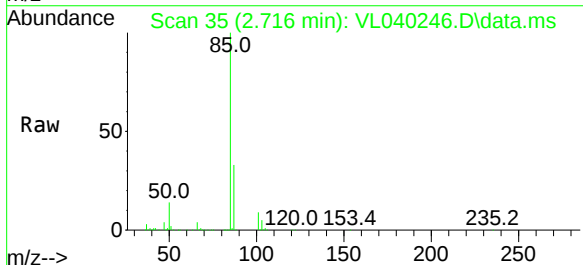
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MSVOA_L
ClientSampleId :
VSTDCCC010

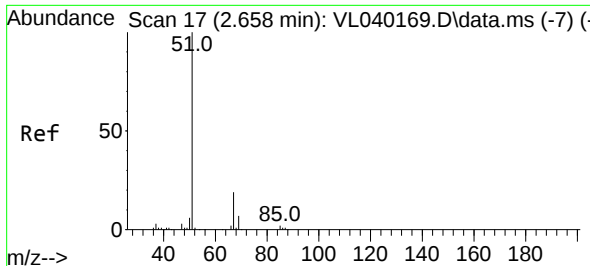
Tgt Ion: 49 Resp: 954270
Ion Ratio Lower Upper
49 100
128 47.2 24.1 72.3
130 60.6 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 8.517 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.010 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 85 Resp: 1514810
Ion Ratio Lower Upper
85 100
87 32.6 27.0 40.6

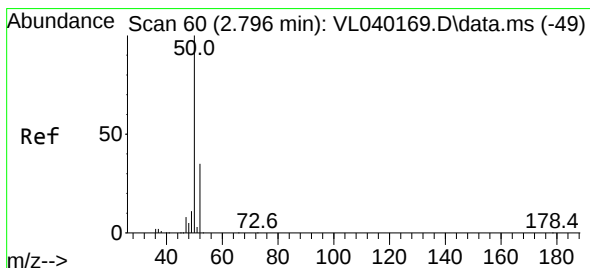
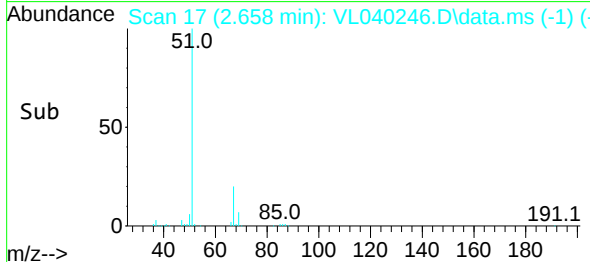
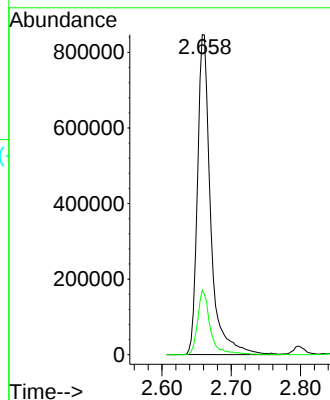
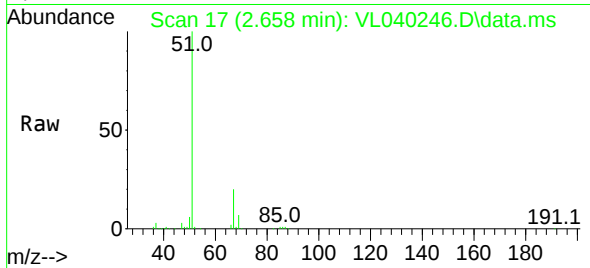




#3
Chlorodifluoromethane
Concen: 9.839 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

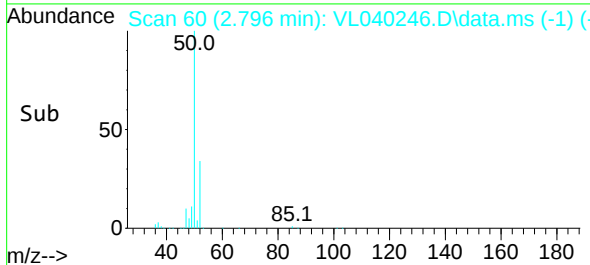
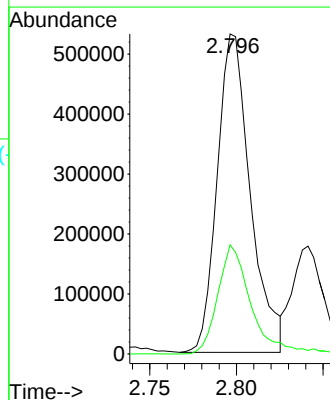
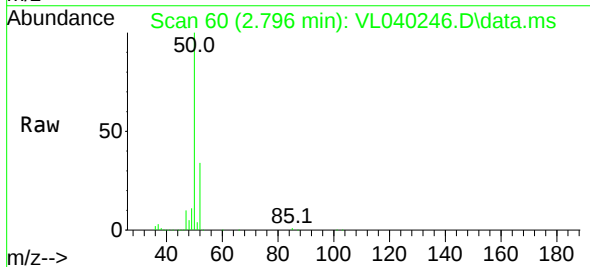
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ClientSampleId :
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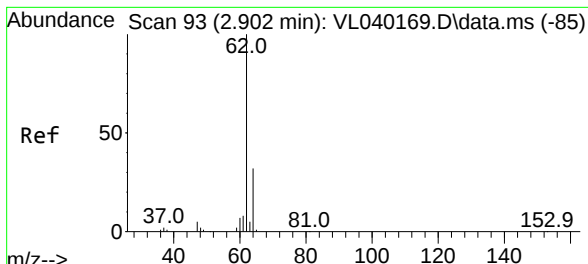
Tgt Ion: 51 Resp: 1121655
Ion Ratio Lower Upper
51 100
67 19.5 15.4 23.2



#4
Chloromethane
Concen: 9.888 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.016 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 50 Resp: 708001
Ion Ratio Lower Upper
50 100
52 34.3 28.3 42.5

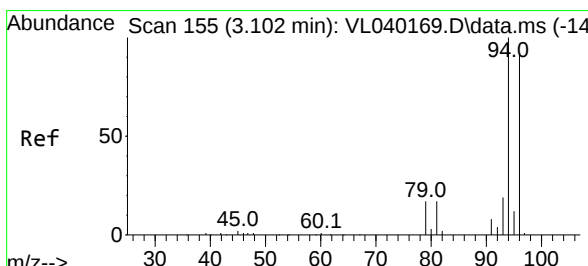
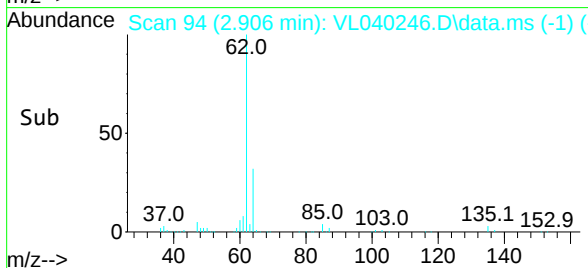
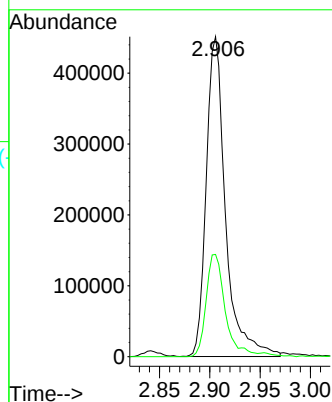
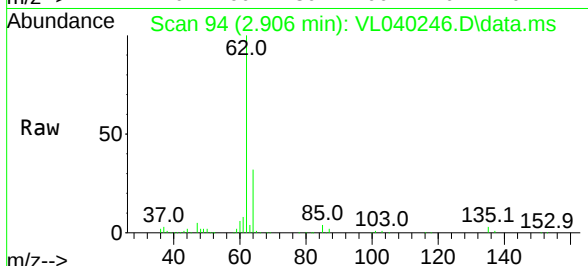




#5
 Vinyl Chloride
 Concen: 10.450 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.013 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

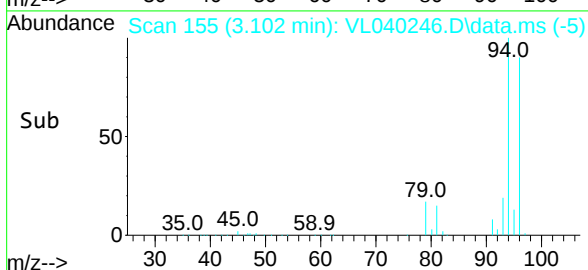
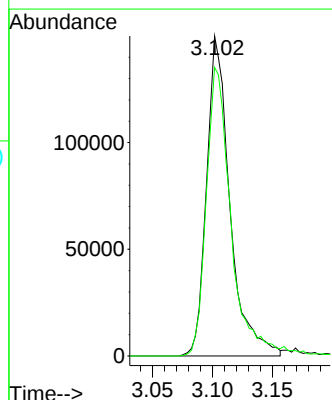
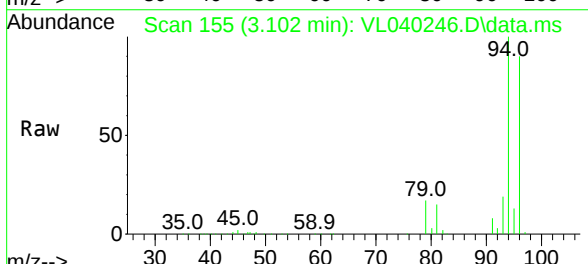
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 601332
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.6 38.4



#6
 Bromomethane
 Concen: 9.798 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.016 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion: 94 Resp: 203494
 Ion Ratio Lower Upper
 94 100
 96 90.1 73.4 110.2

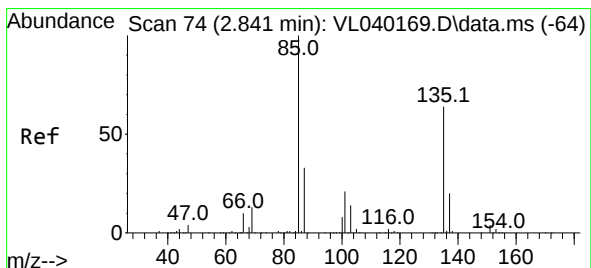
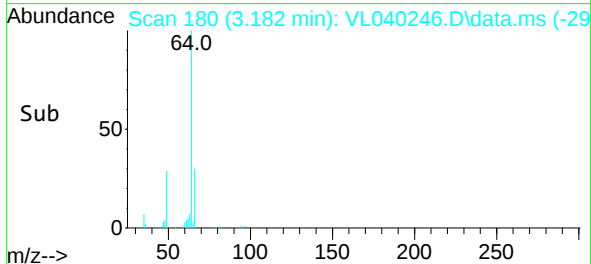
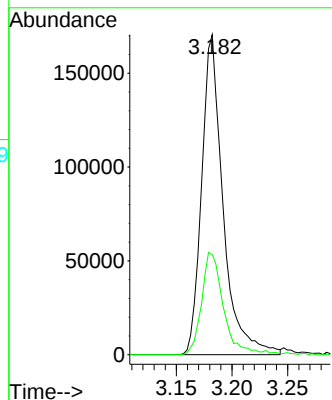
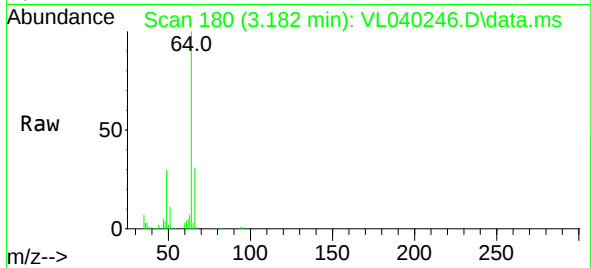




#7
Chloroethane
Concen: 10.002 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

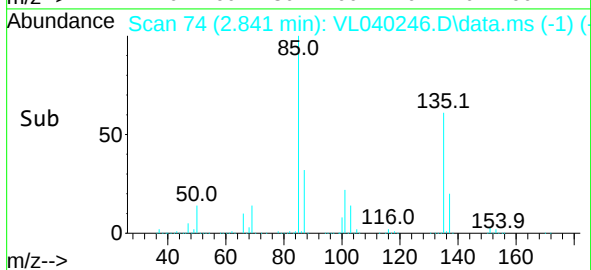
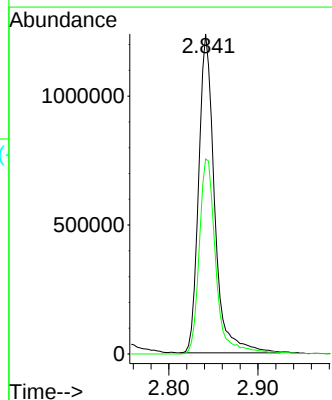
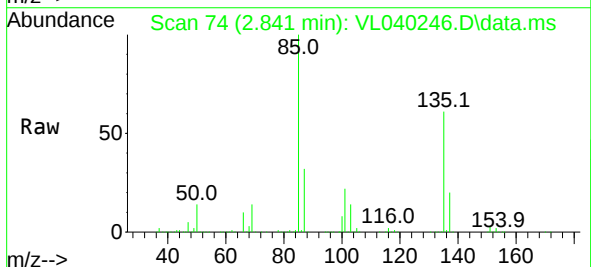
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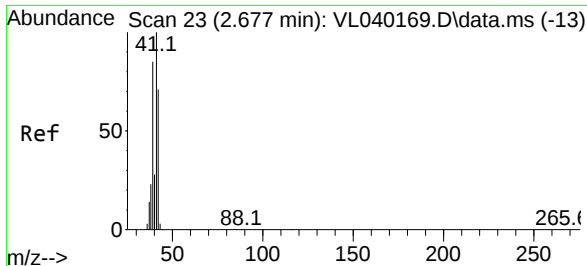
Tgt Ion: 64 Resp: 228233
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.028 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.013 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 85 Resp: 1536890
Ion Ratio Lower Upper
85 100
135 64.4 51.5 77.3

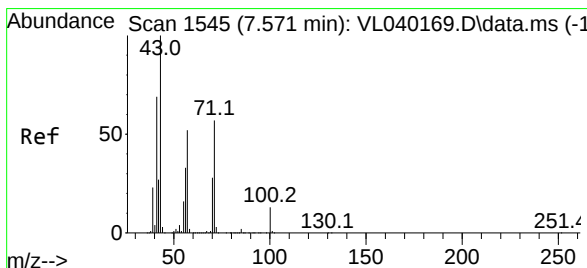
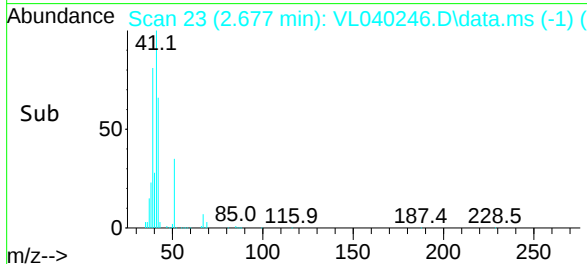
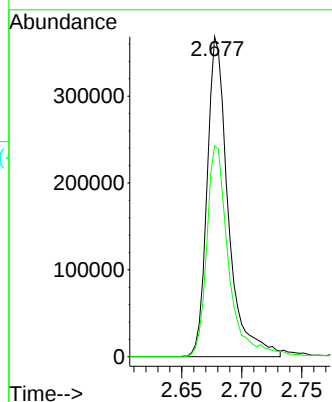
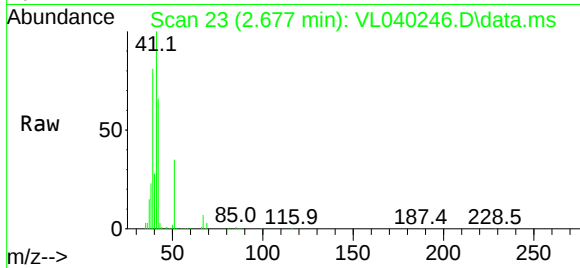




#9
 Propene
 Concen: 9.709 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

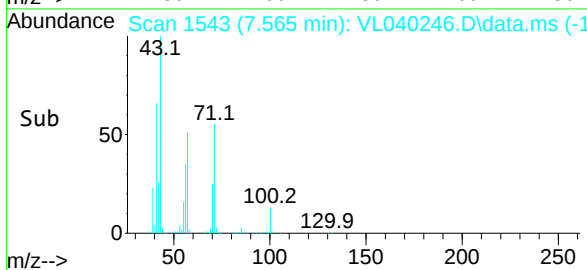
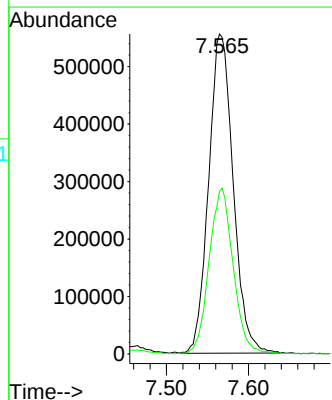
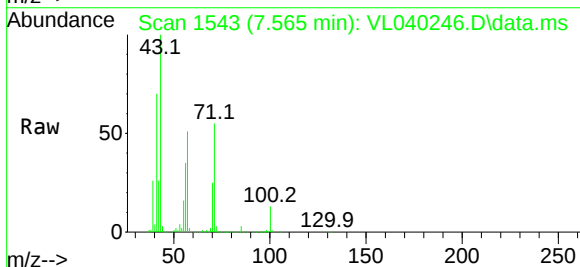
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

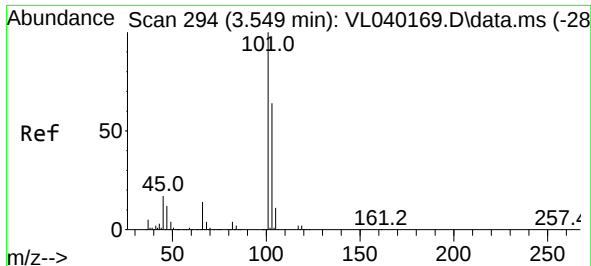
Tgt Ion: 41 Resp: 451155
 Ion Ratio Lower Upper
 41 100
 42 69.3 56.9 85.3



#10
 Heptane
 Concen: 10.431 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.029 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion: 43 Resp: 1153645
 Ion Ratio Lower Upper
 43 100
 57 50.9 41.4 62.2

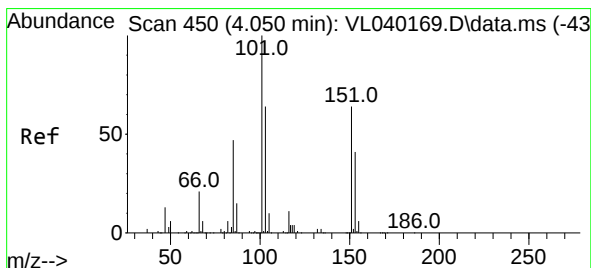
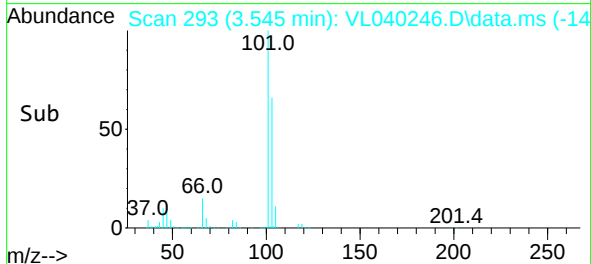
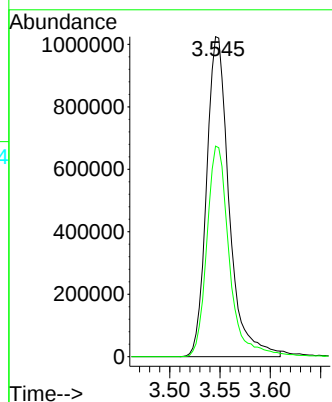
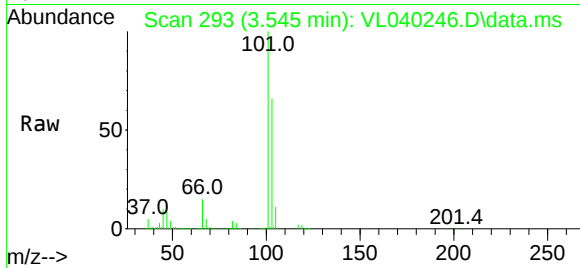




#11
 Trichlorofluoromethane
 Concen: 10.000 ppbv
 RT: 3.545 min Scan# 294
 Delta R.T. -0.019 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

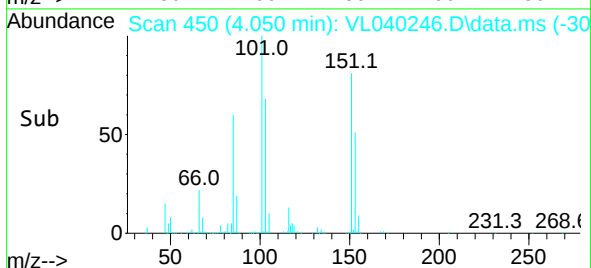
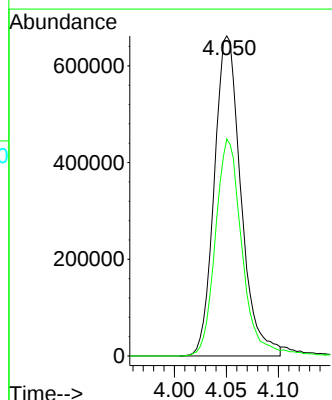
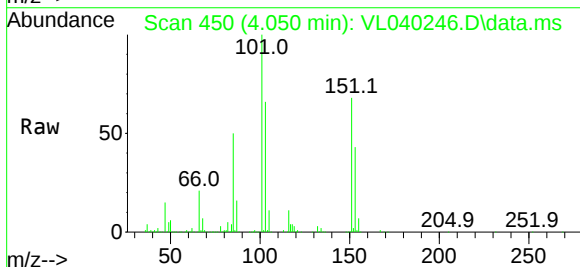
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

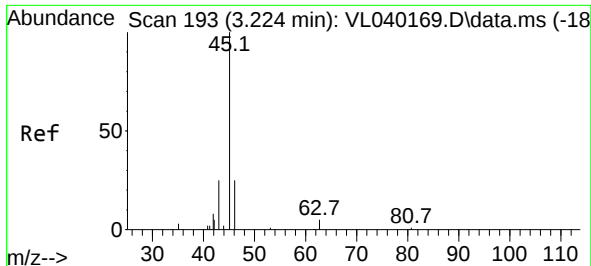
Tgt Ion:101 Resp: 1595873
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.029 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.019 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion:101 Resp: 1180706
 Ion Ratio Lower Upper
 101 100
 151 68.3 54.7 82.1

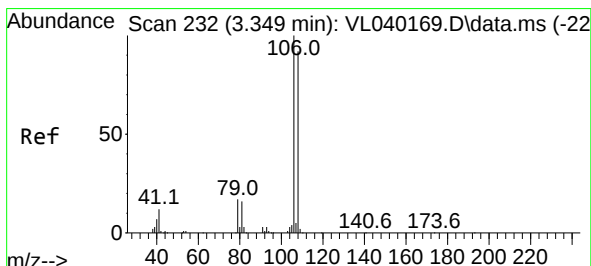
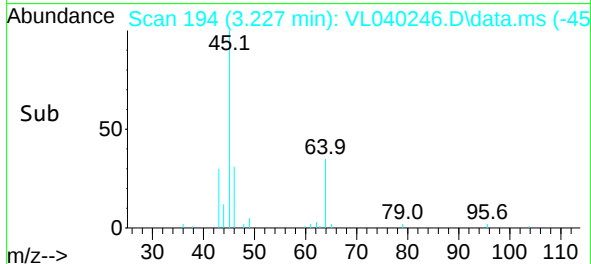
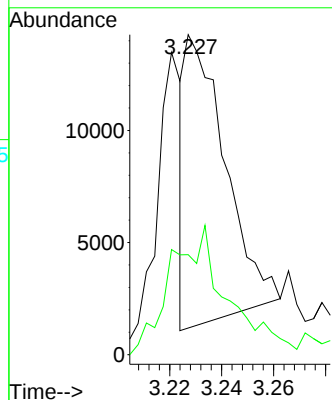
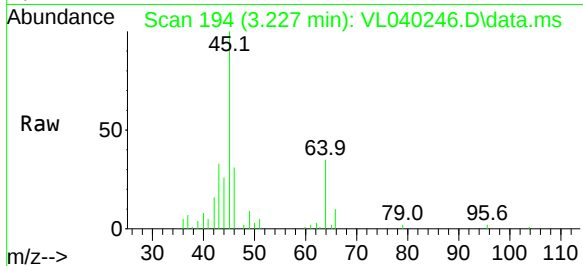




#13
Ethanol
Concen: 3.233 ppbv
RT: 3.227 min Scan# 193
Delta R.T. -0.019 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

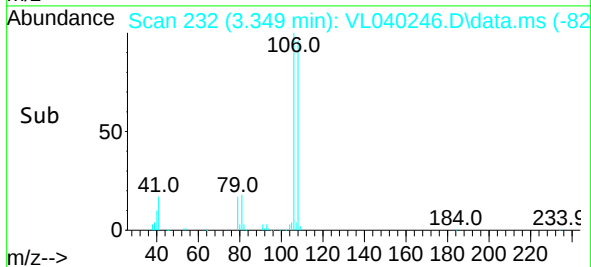
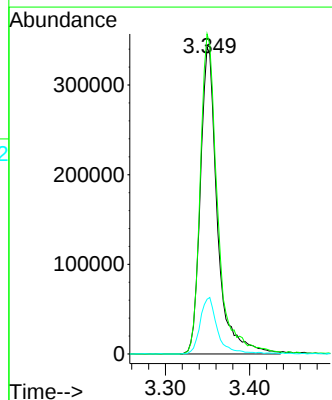
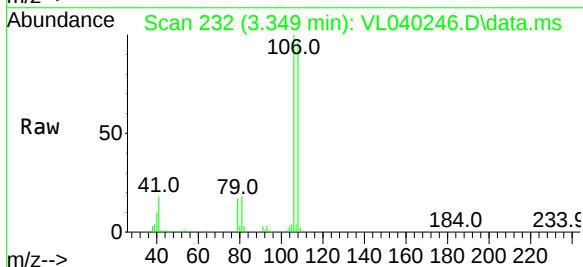
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 13831
Ion Ratio Lower Upper
45 100
46 69.1 13.3 53.1#



#14
Bromoethene
Concen: 10.679 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.016 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:108 Resp: 482114
Ion Ratio Lower Upper
108 100
106 107.4 87.1 130.7
79 19.2 15.4 23.2

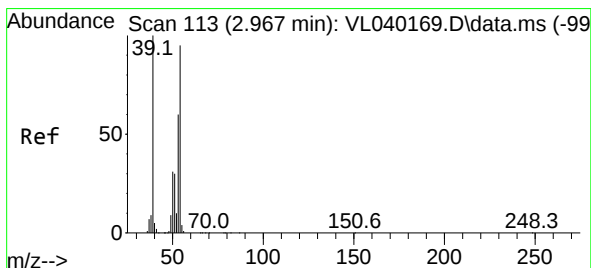
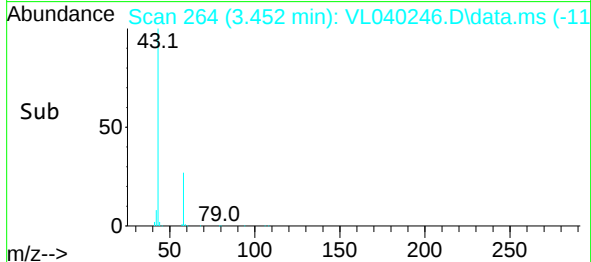
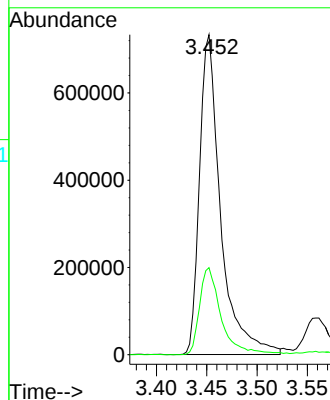
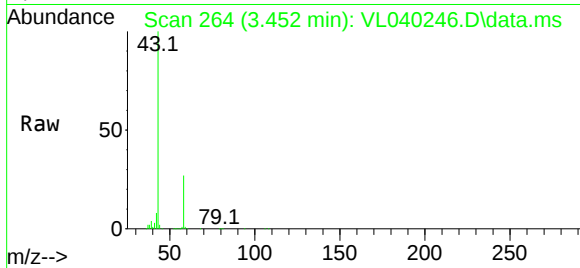




#15
Acetone
Concen: 9.340 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

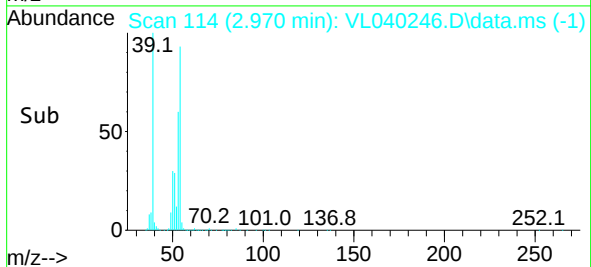
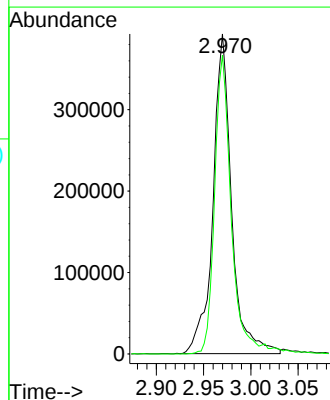
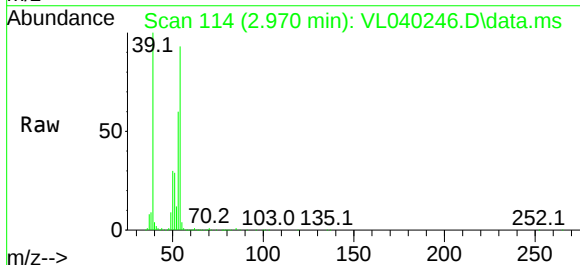
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

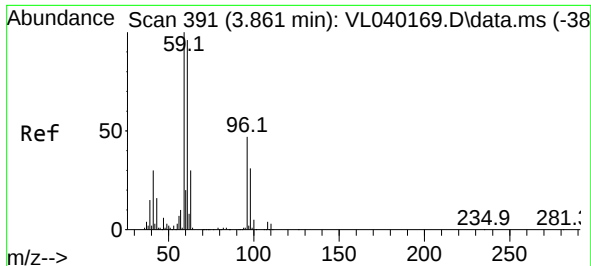
Tgt Ion: 43 Resp: 1073073
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6



#16
1,3-Butadiene
Concen: 10.263 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 39 Resp: 538485
Ion Ratio Lower Upper
39 100
54 85.4 66.7 100.1





#17

tert-Butyl alcohol

Concen: 11.001 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.019 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

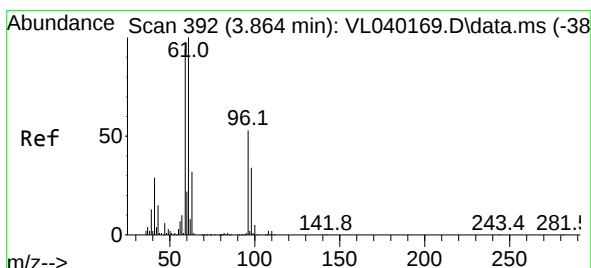
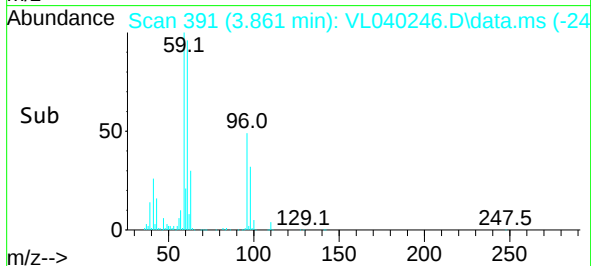
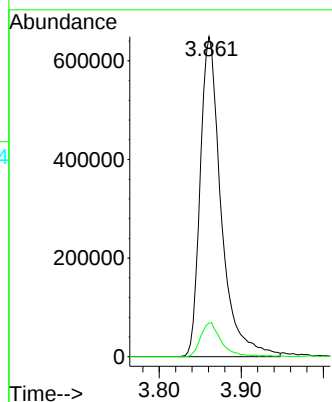
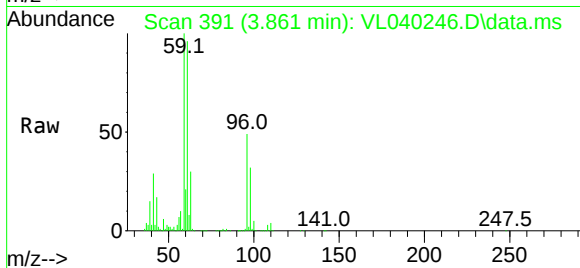
VSTDCCC010

Tgt Ion: 59 Resp: 1152622

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 10.386 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.019 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

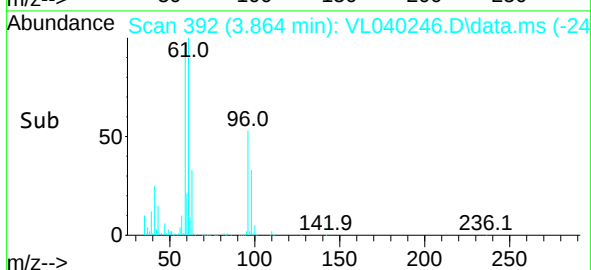
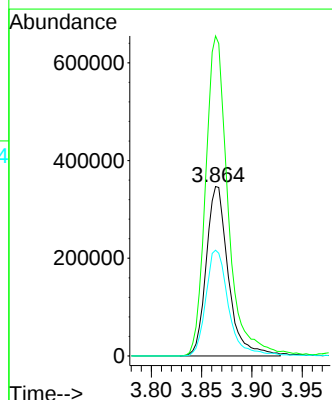
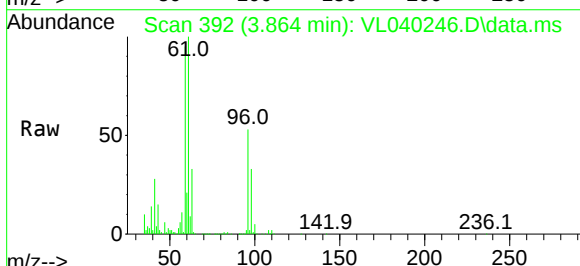
Tgt Ion: 96 Resp: 531259

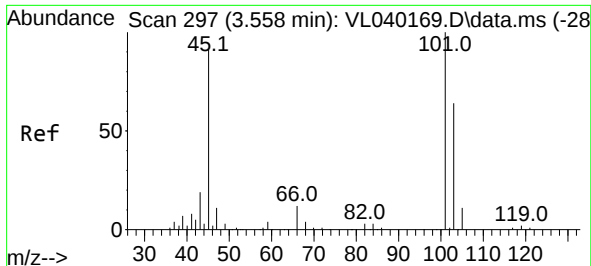
Ion Ratio Lower Upper

96 100

61 188.7 149.6 224.4

98 62.4 51.1 76.7

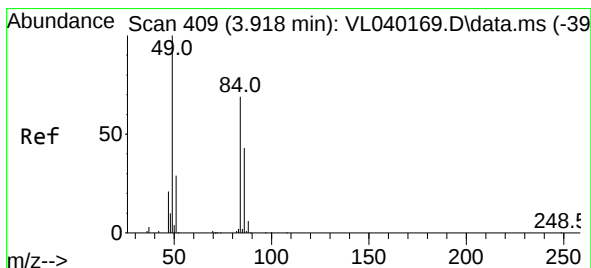
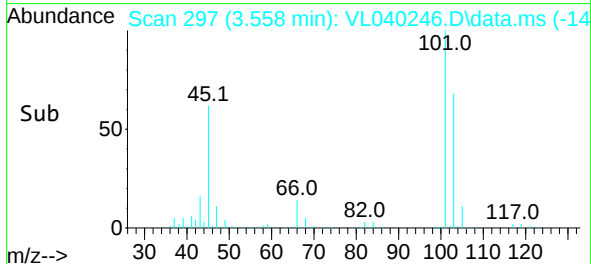
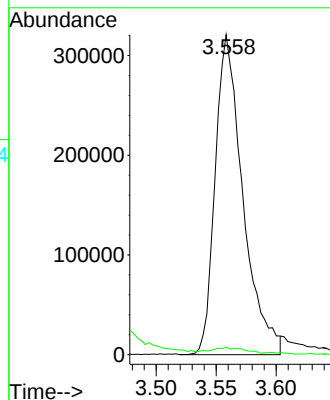
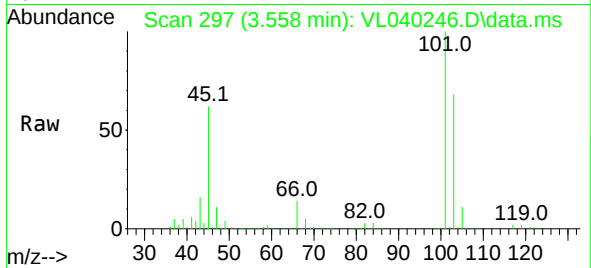




#19
Isopropyl Alcohol
Concen: 9.419 ppbv
RT: 3.558 min Scan# 297
Delta R.T. -0.016 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

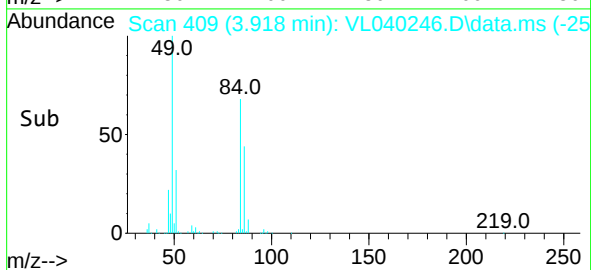
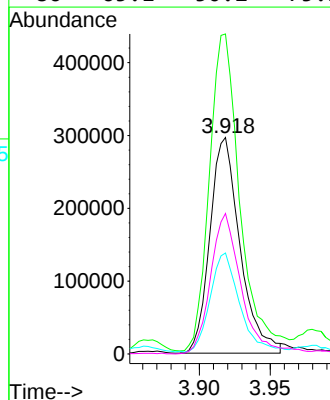
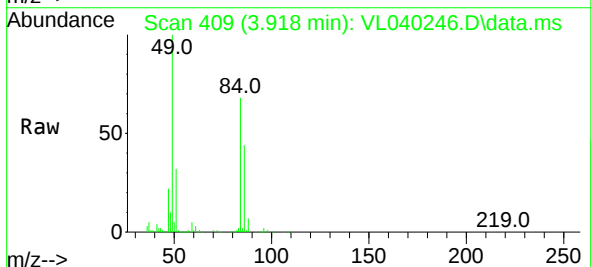
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

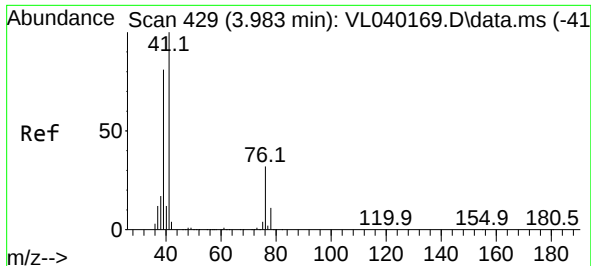
Tgt Ion: 45 Resp: 514396
Ion Ratio Lower Upper
45 100
58 3.2 2.6 3.8



#20
Methylene Chloride
Concen: 7.326 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.016 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 84 Resp: 438140
Ion Ratio Lower Upper
84 100
49 147.0 115.5 173.3
51 45.6 33.1 49.7
86 65.1 50.2 75.2

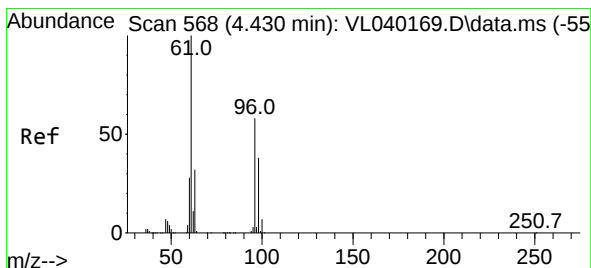
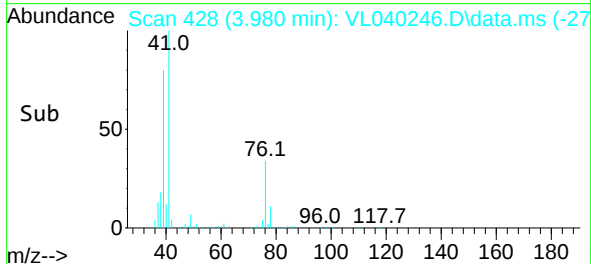
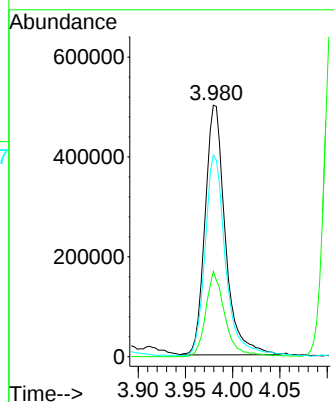
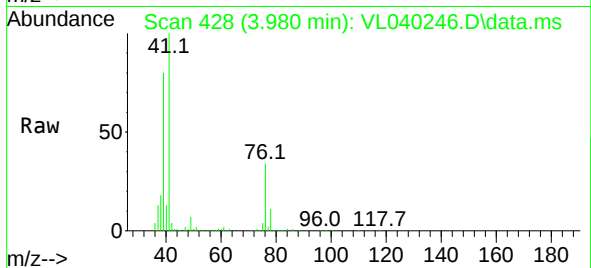




#21
 Allyl Chloride
 Concen: 10.591 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

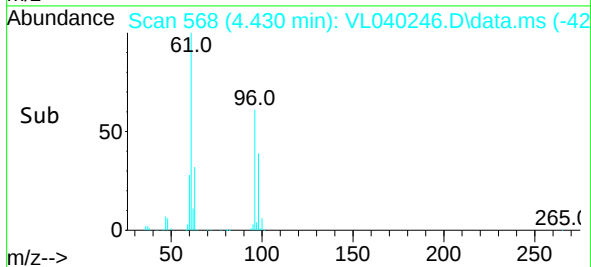
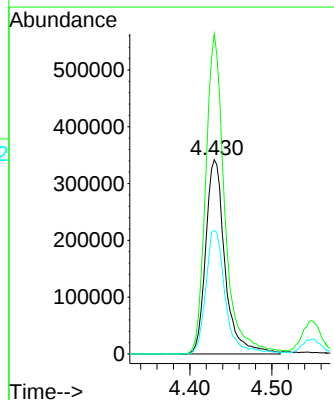
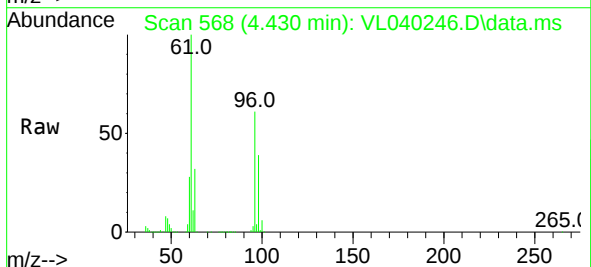
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

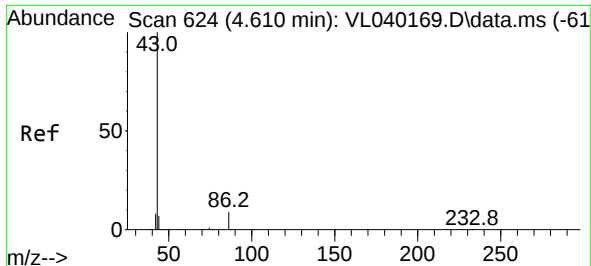
Tgt Ion: 41 Resp: 746320
 Ion Ratio Lower Upper
 41 100
 76 32.7 25.5 38.3
 39 81.9 64.5 96.7



#22
 trans-1,2-Dichloroethene
 Concen: 10.574 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.023 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion: 96 Resp: 560084
 Ion Ratio Lower Upper
 96 100
 61 164.7 137.5 206.3
 98 63.6 52.8 79.2



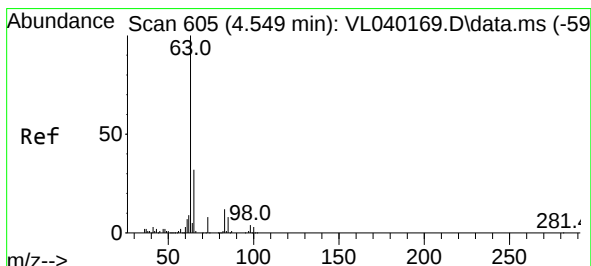
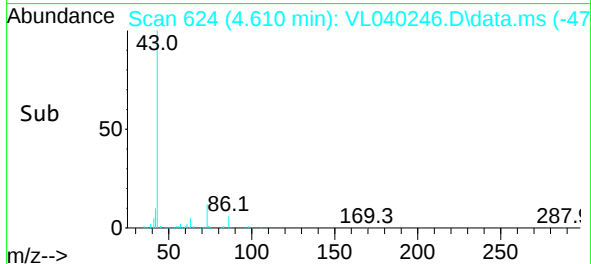
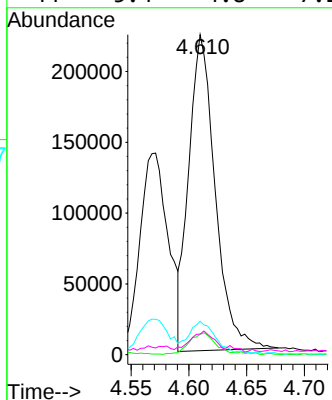
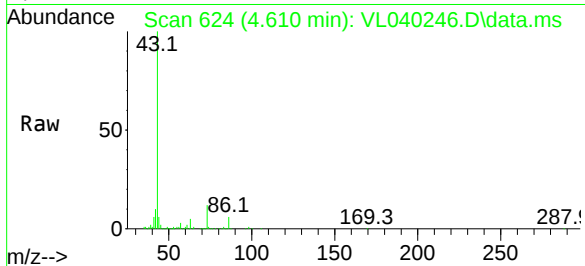


#23
 Vinyl Acetate
 Concen: 10.179 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 354927

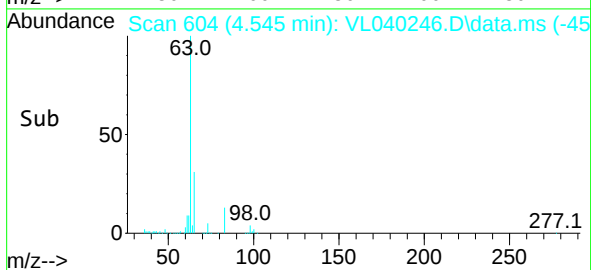
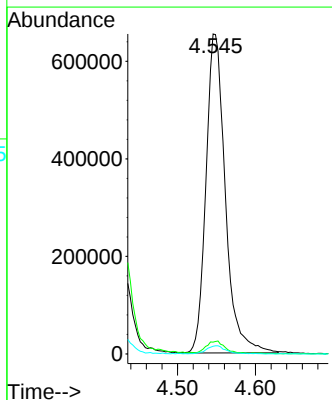
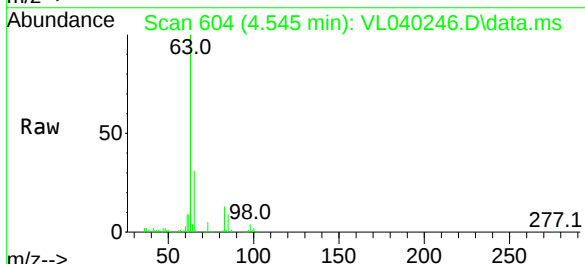
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.6	8.4
42	10.3	7.6	11.4
44	5.4	4.8	7.2

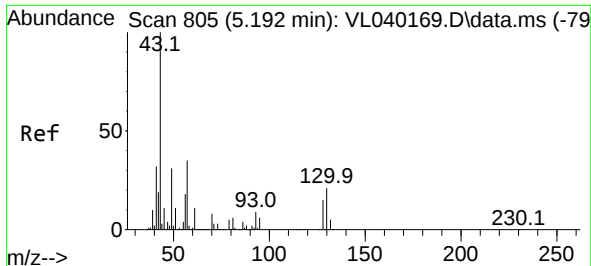


#24
 1,1-Dichloroethane
 Concen: 10.380 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.026 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion: 63 Resp: 1131249

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.3	6.8
100	2.3	1.4	4.0



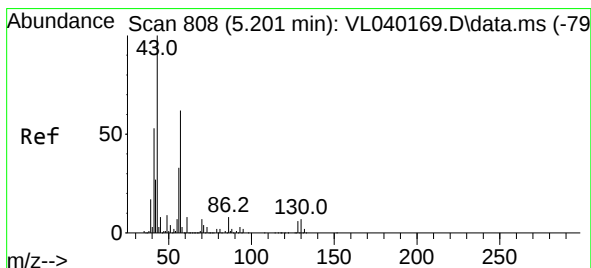
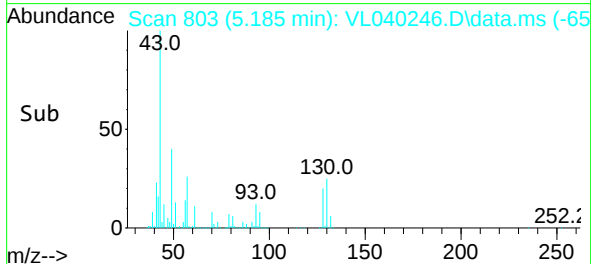
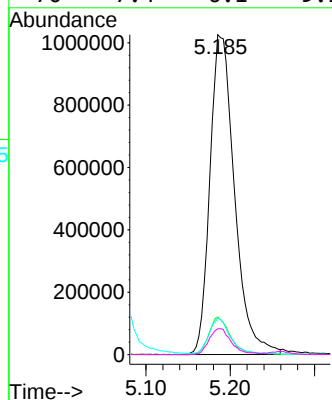
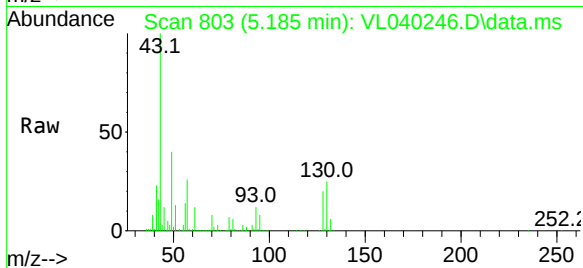


#25
Ethyl Acetate
Concen: 9.753 ppbv
RT: 5.185 min Scan# 805
Delta R.T. -0.026 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2083052

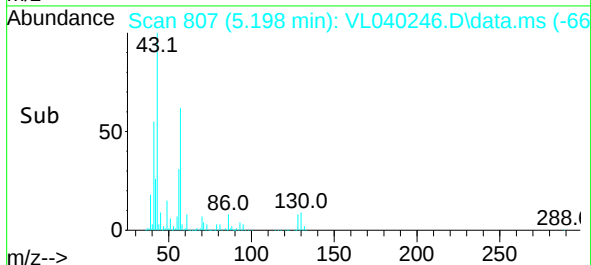
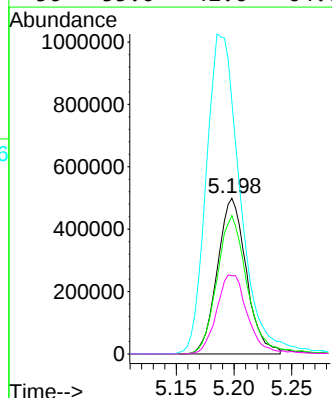
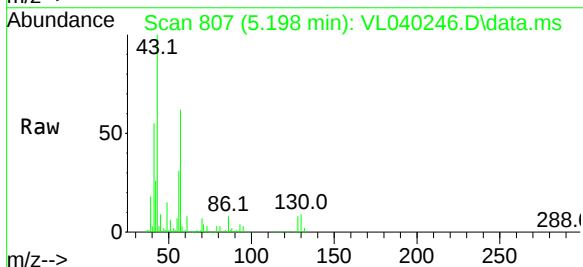
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	10.5	8.4	12.6
70	7.4	6.1	9.1

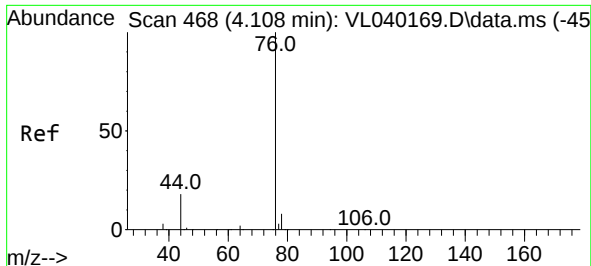


#26
Hexane
Concen: 9.454 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.026 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 57 Resp: 866758

Ion	Ratio	Lower	Upper
57	100		
41	93.7	74.3	111.5
43	244.0	193.0	289.4
56	55.0	42.6	64.0

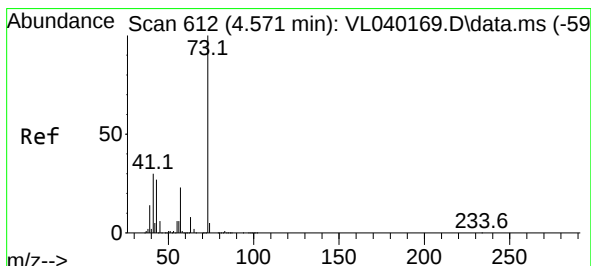
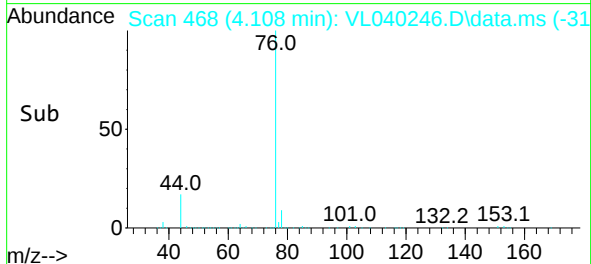
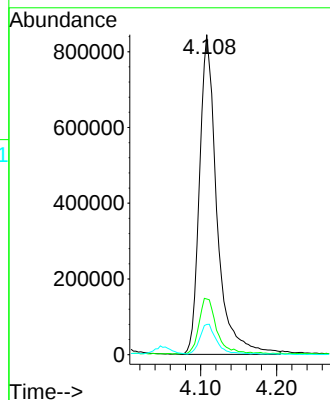
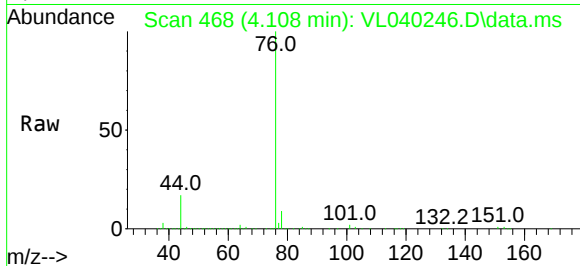




#27
Carbon Disulfide
Concen: 11.557 ppbv
RT: 4.108 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

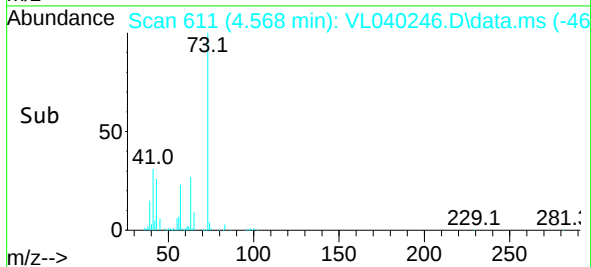
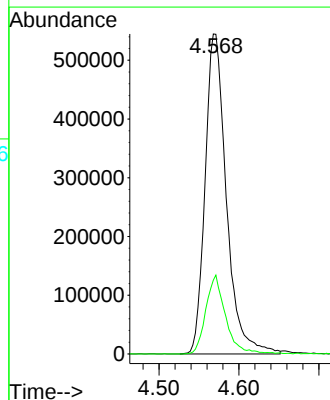
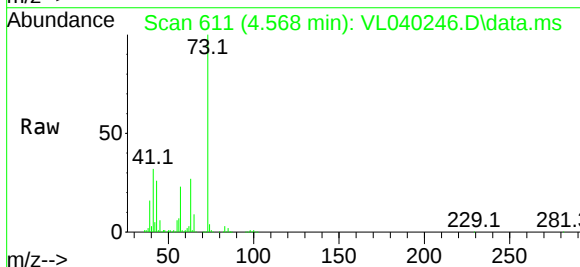
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

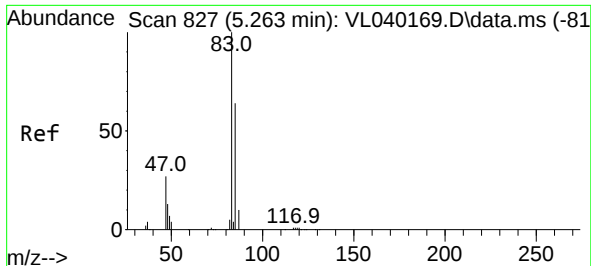
Tgt Ion: 76 Resp: 1344581
Ion Ratio Lower Upper
76 100
44 18.0 15.3 22.9
78 9.9 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.271 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.023 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 73 Resp: 1008982
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29

Chloroform

Concen: 9.822 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.023 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

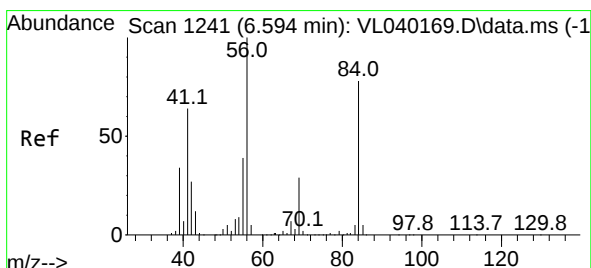
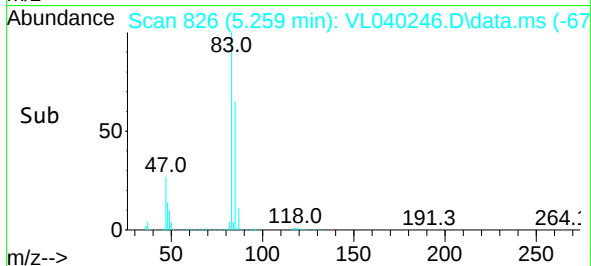
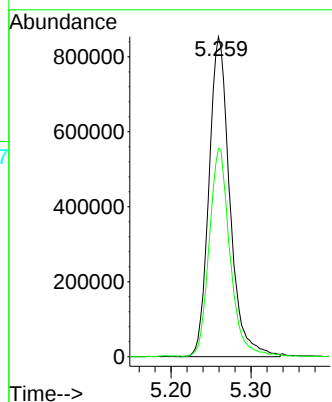
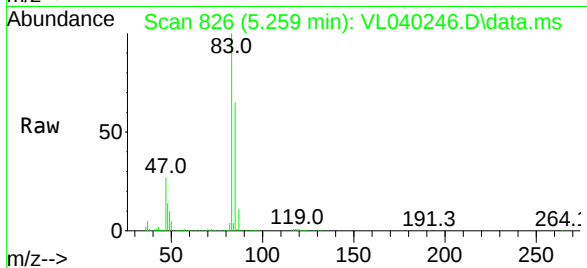
VSTDCCC010

Tgt Ion: 83 Resp: 1546250

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3



#30

Cyclohexane

Concen: 10.436 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

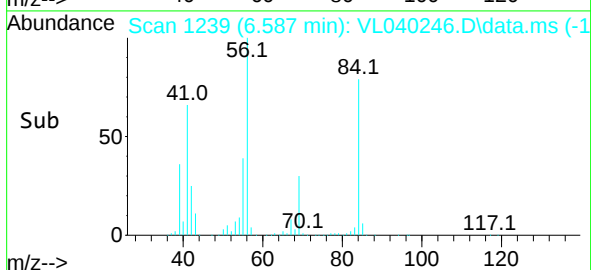
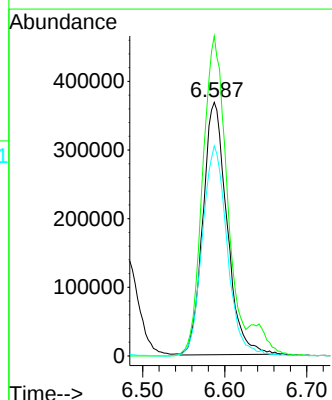
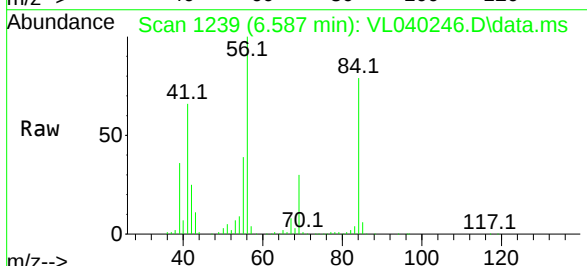
Tgt Ion: 84 Resp: 751313

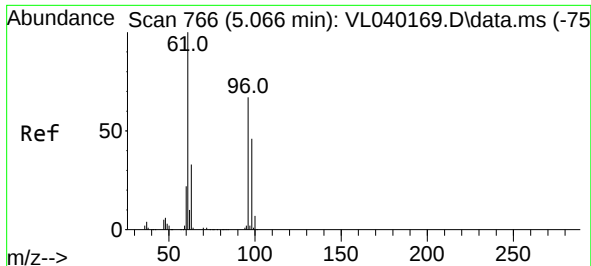
Ion Ratio Lower Upper

84 100

56 137.0 109.9 164.9

41 86.1 67.8 101.6

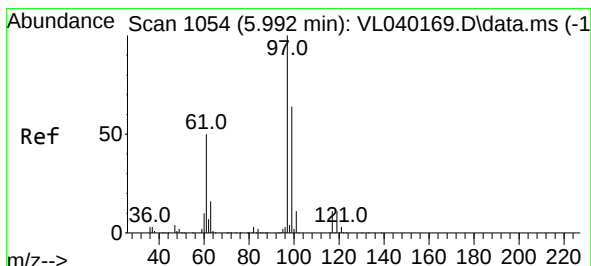
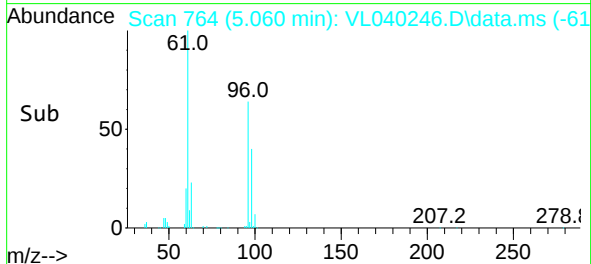
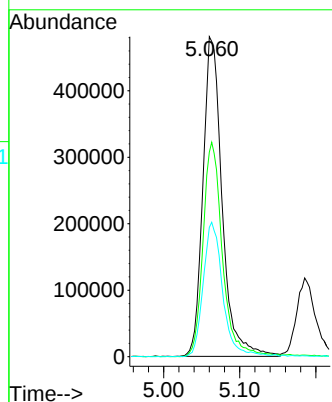
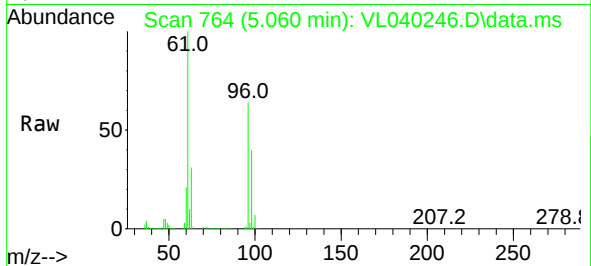




#31
 cis-1,2-Dichloroethene
 Concen: 9.688 ppbv
 RT: 5.060 min Scan# 766
 Delta R.T. -0.026 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

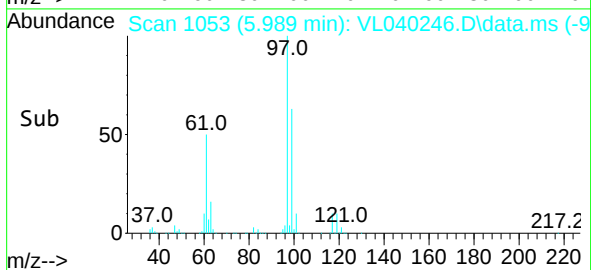
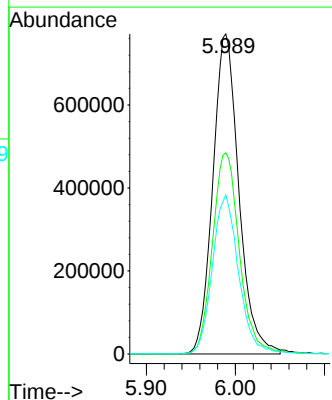
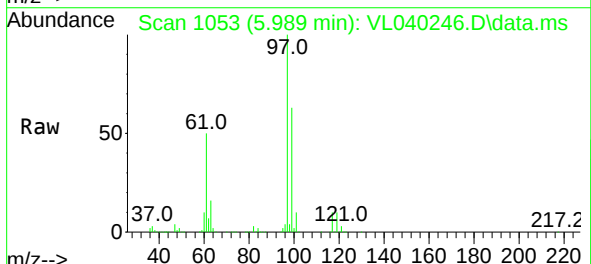
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

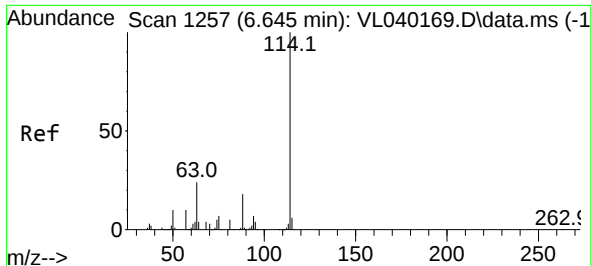
Tgt Ion: 61 Resp: 843995
 Ion Ratio Lower Upper
 61 100
 96 64.0 53.7 80.5
 98 40.3 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 10.585 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.026 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion: 97 Resp: 1565702
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.5 77.3
 61 50.4 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: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

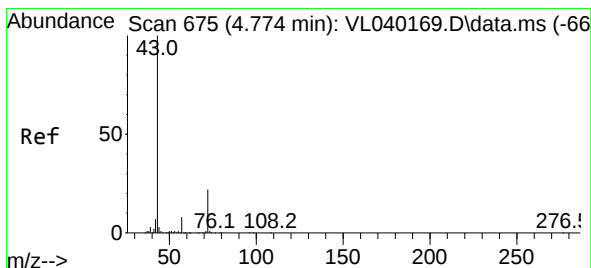
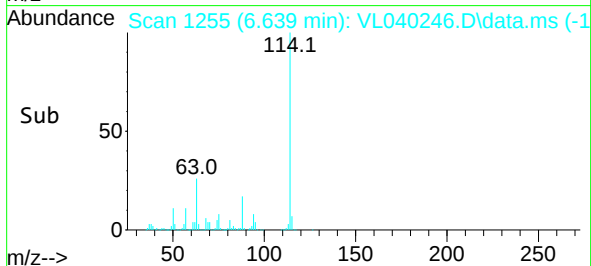
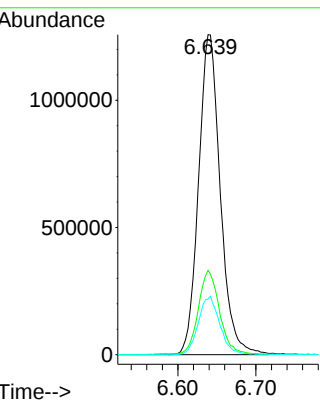
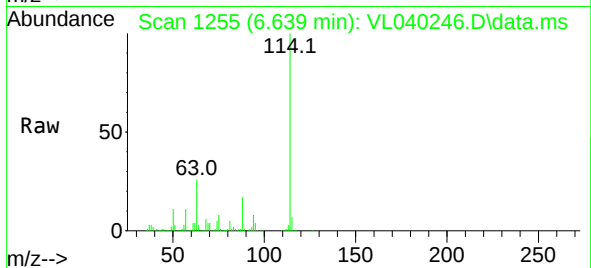
Tgt Ion:114 Resp: 2438252

Ion Ratio Lower Upper

114 100

63 26.4 20.4 30.6

88 18.1 14.3 21.5



#34

2-Butanone

Concen: 10.053 ppbv

RT: 4.770 min Scan# 674

Delta R.T. -0.023 min

Lab File: VL040246.D

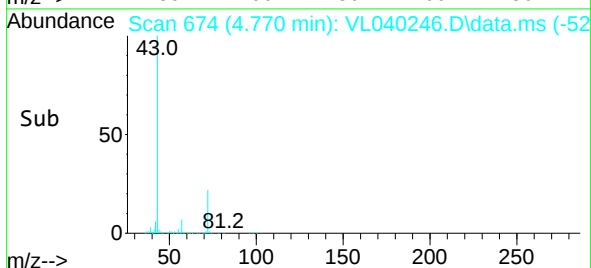
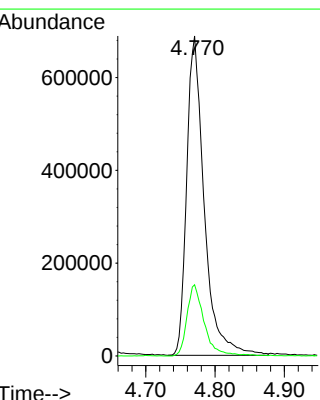
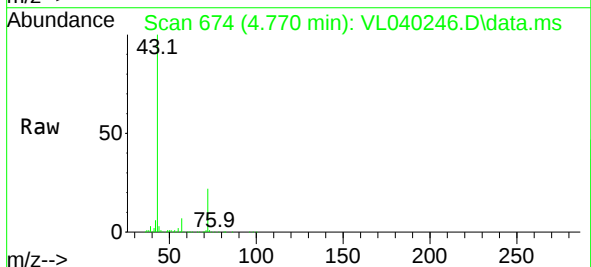
Acq: 8 Mar 2023 9:23

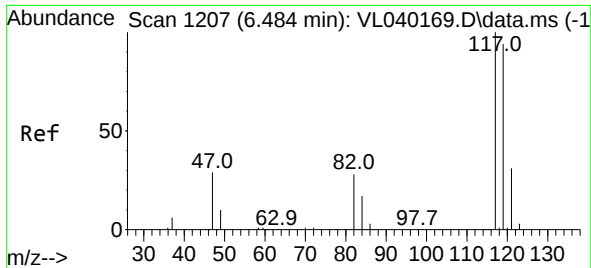
Tgt Ion: 43 Resp: 1209127

Ion Ratio Lower Upper

43 100

72 22.2 17.8 26.8

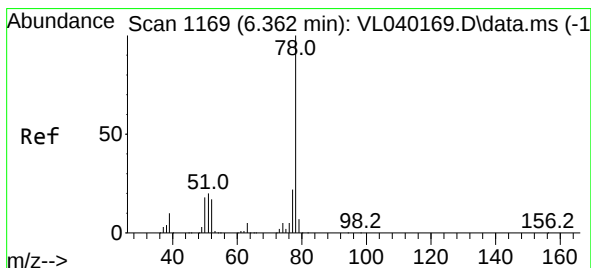
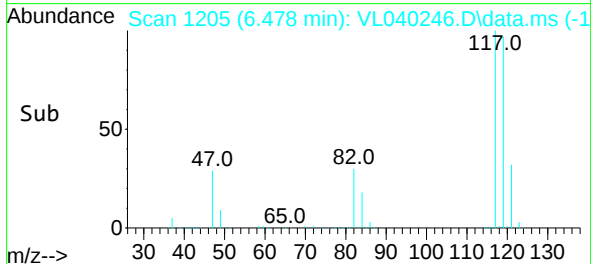
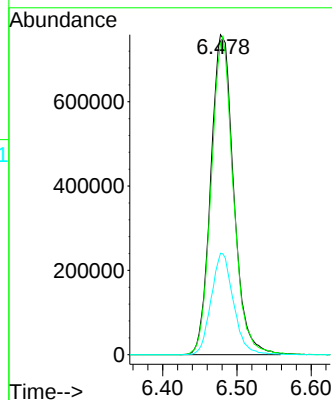
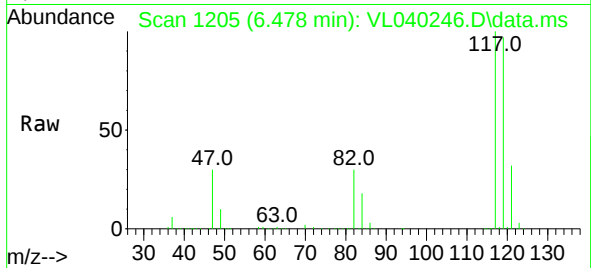




#35
Carbon Tetrachloride
Concen: 11.289 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.029 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

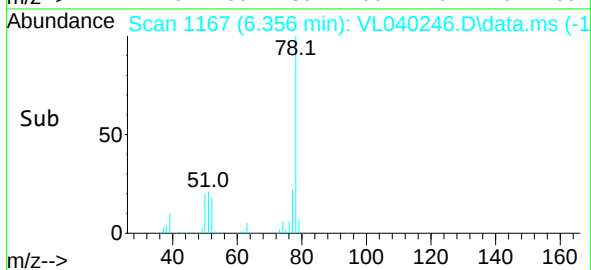
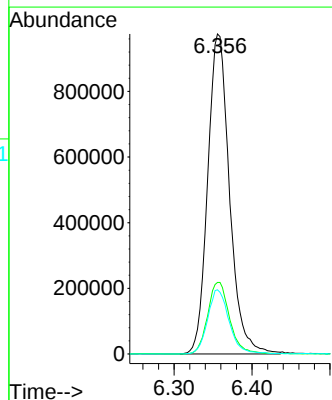
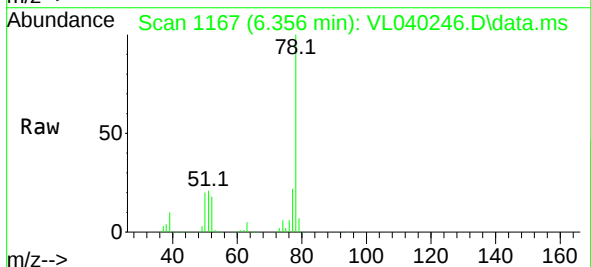
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

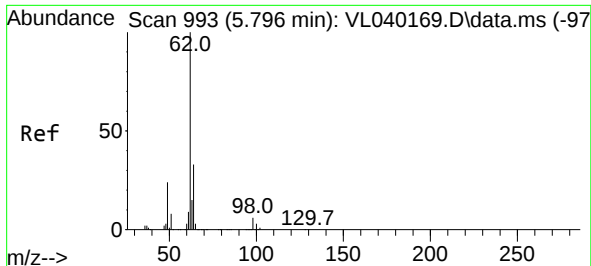
Tgt Ion:117 Resp: 1627290
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.6
121 31.7 25.0 37.4



#36
Benzene
Concen: 10.013 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.029 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 78 Resp: 1899938
Ion Ratio Lower Upper
78 100
77 22.3 17.5 26.3
50 20.1 14.6 22.0





#37

1,2-Dichloroethane

Concen: 10.168 ppbv

RT: 5.793 min Scan# 993

Delta R.T. -0.026 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

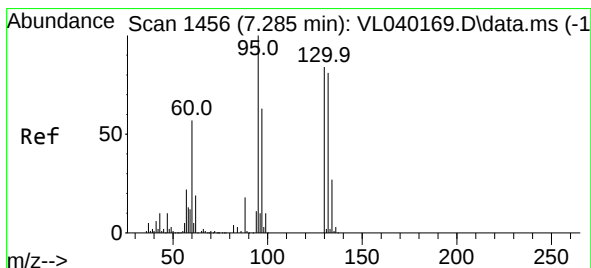
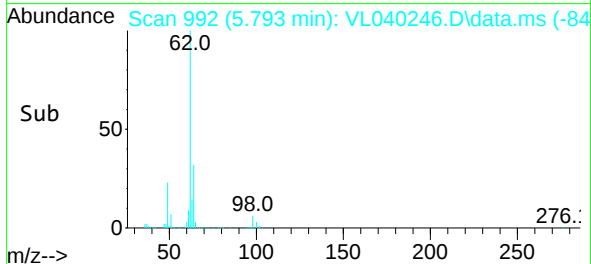
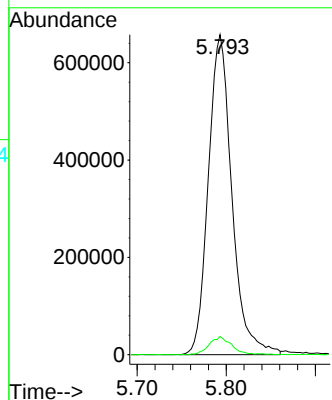
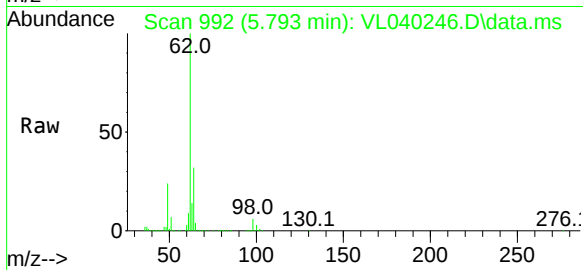
VSTDCCC010

Tgt Ion: 62 Resp: 1206751

Ion Ratio Lower Upper

62 100

98 5.5 4.7 7.1



#38

Trichloroethene

Concen: 10.840 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Tgt Ion:130 Resp: 1133424

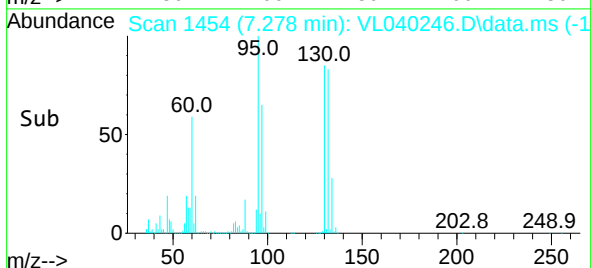
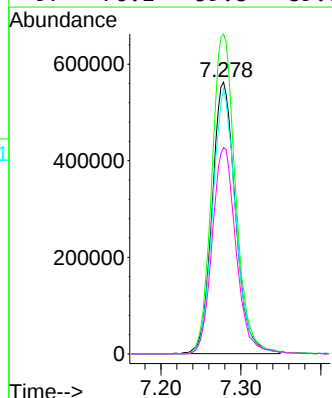
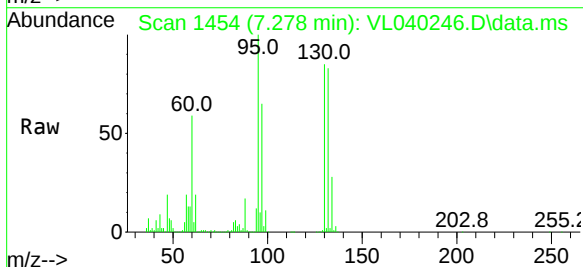
Ion Ratio Lower Upper

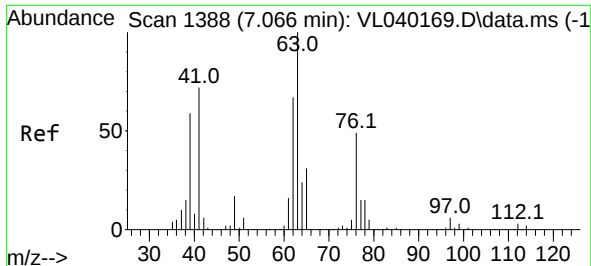
130 100

95 117.9 94.7 142.1

132 97.6 76.4 114.6

97 76.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.918 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

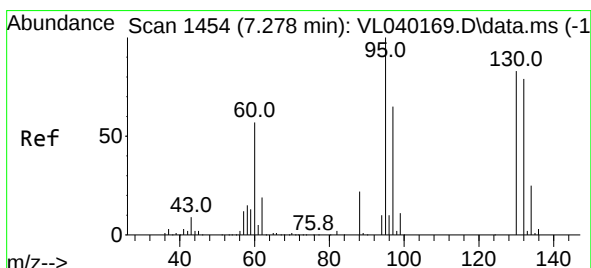
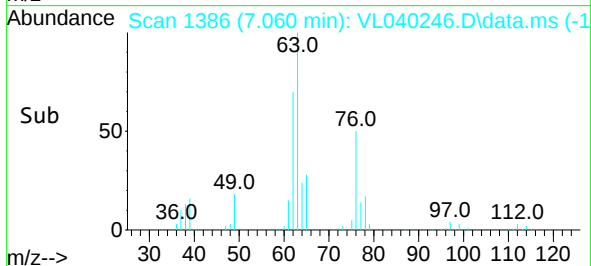
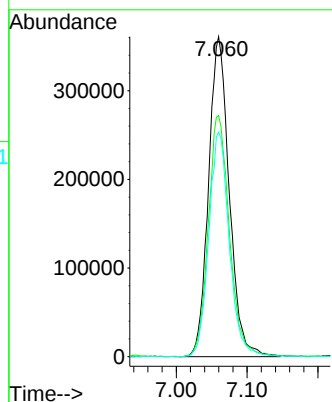
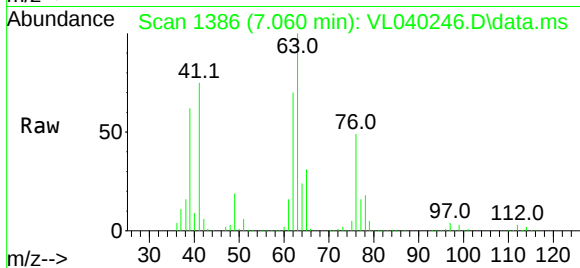
Tgt Ion: 63 Resp: 732108

Ion Ratio Lower Upper

63 100

41 75.4 57.6 86.4

62 70.1 54.0 81.0



#40

1,4-Dioxane

Concen: 9.381 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.026 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Tgt Ion: 88 Resp: 276994

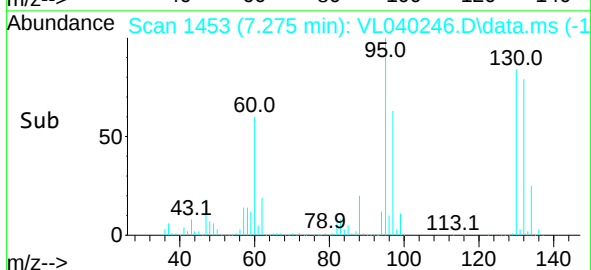
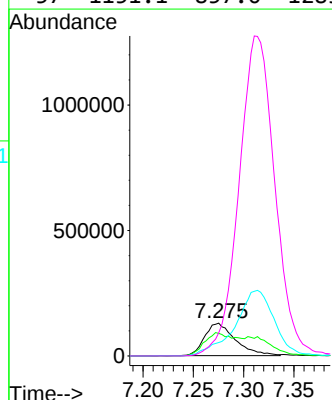
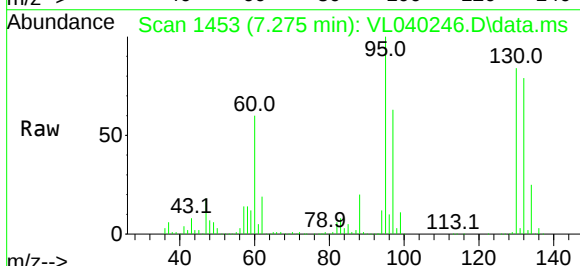
Ion Ratio Lower Upper

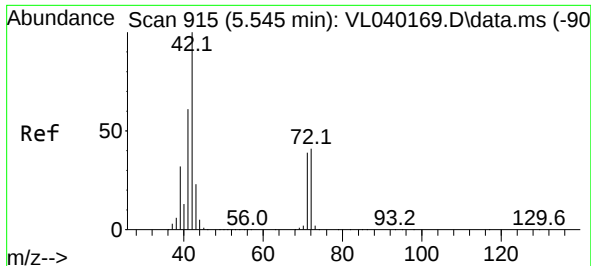
88 100

58 126.9 97.4 146.0

43 258.5 193.5 290.3

57 1151.1 857.0 1285.6

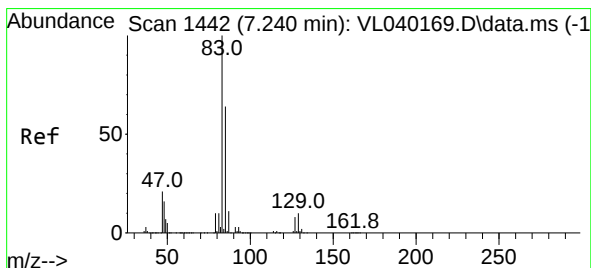
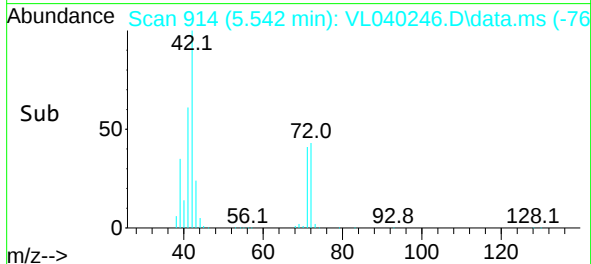
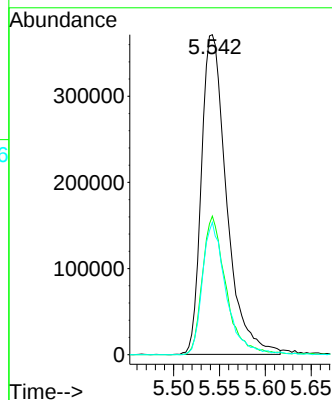
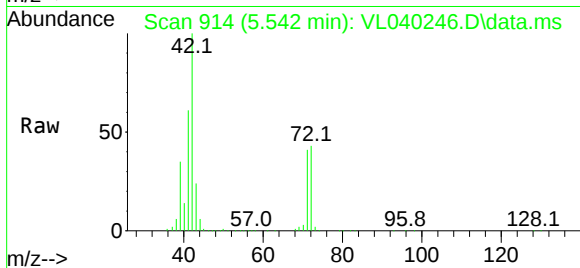




#41
Tetrahydrofuran
Concen: 10.163 ppbv
RT: 5.542 min Scan# 915
Delta R.T. -0.026 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

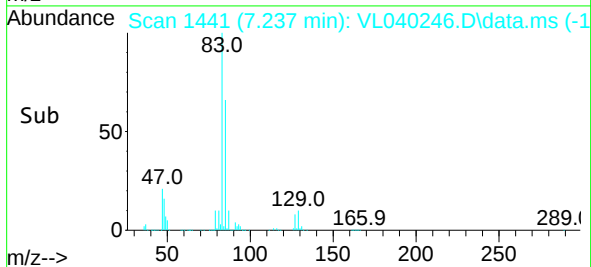
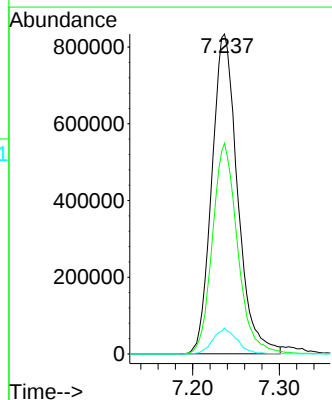
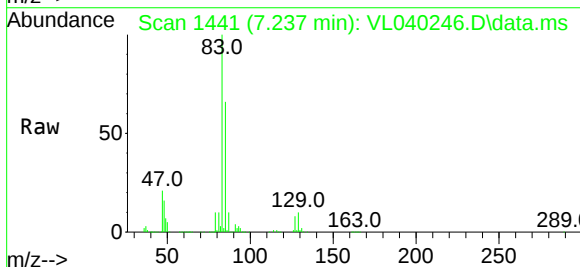
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

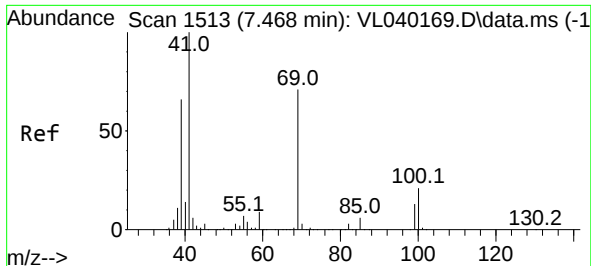
Tgt Ion: 42 Resp: 708378
Ion Ratio Lower Upper
42 100
72 41.2 33.0 49.4
71 39.2 31.4 47.2



#42
Bromodichloromethane
Concen: 10.517 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.026 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 83 Resp: 1722634
Ion Ratio Lower Upper
83 100
85 65.9 50.9 76.3
127 8.1 6.2 9.2

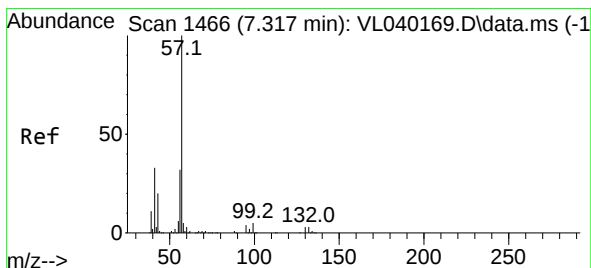
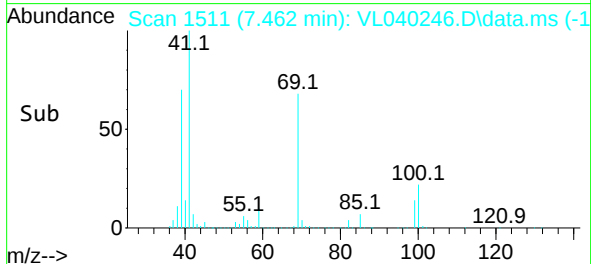
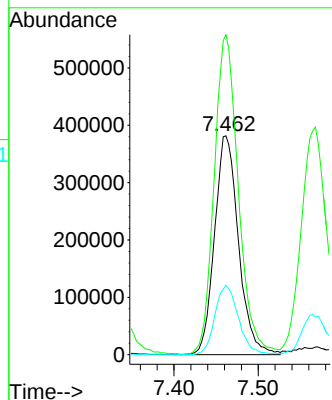
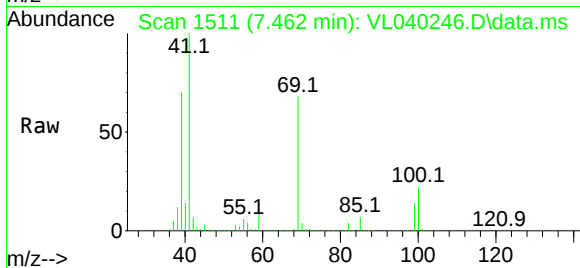




#43
Methyl Methacrylate
Concen: 10.733 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.026 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

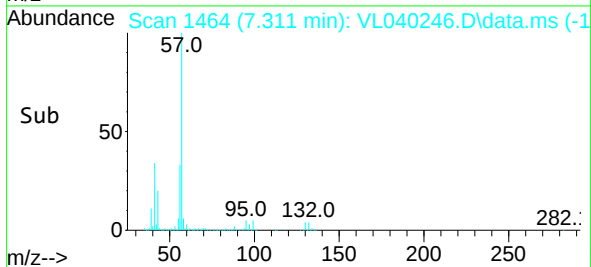
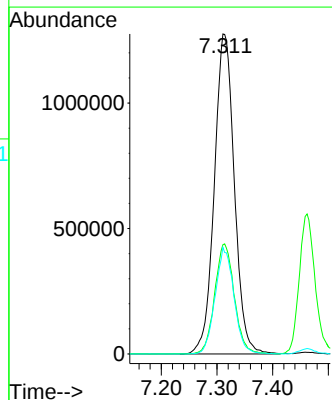
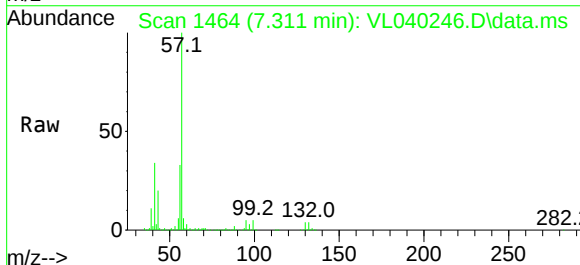
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

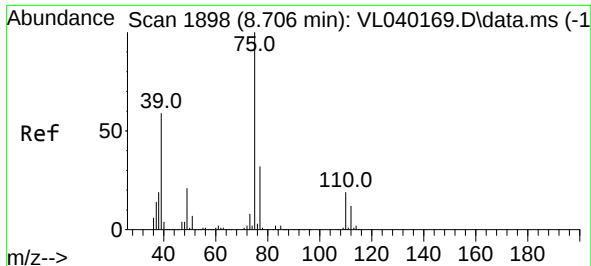
Tgt Ion: 69 Resp: 753591
Ion Ratio Lower Upper
69 100
41 146.9 116.6 174.8
100 31.2 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 10.061 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 57 Resp: 3186877
Ion Ratio Lower Upper
57 100
41 33.7 26.2 39.4
56 31.3 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 11.760 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

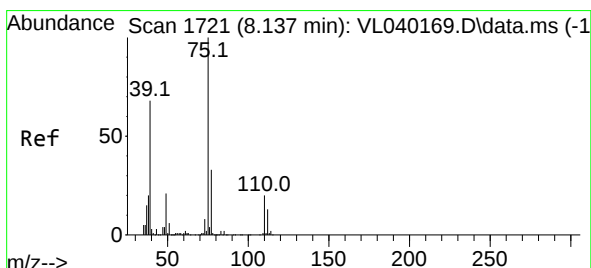
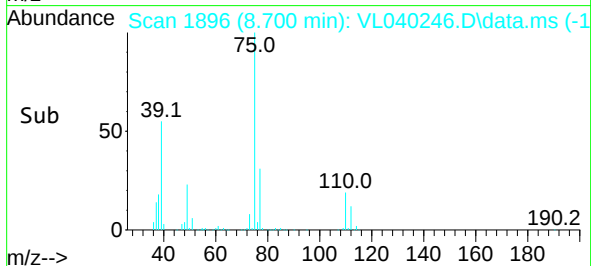
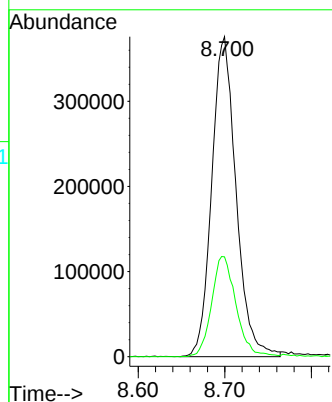
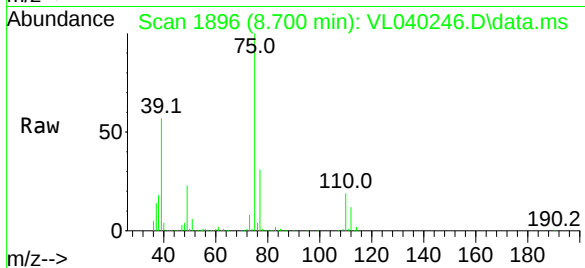
VSTDCCC010

Tgt Ion: 75 Resp: 732445

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



#46

cis-1,3-Dichloropropene

Concen: 11.335 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

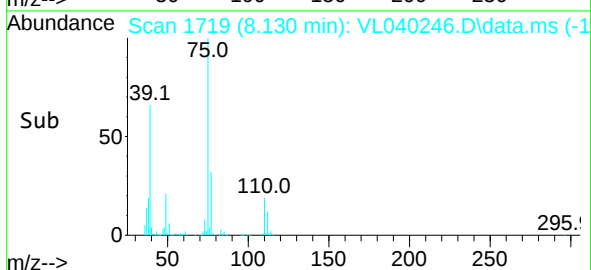
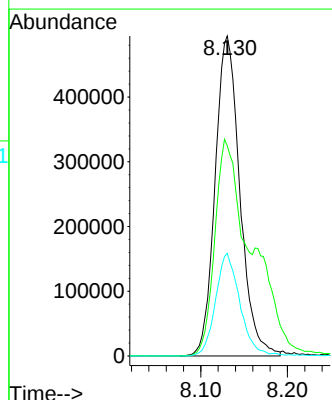
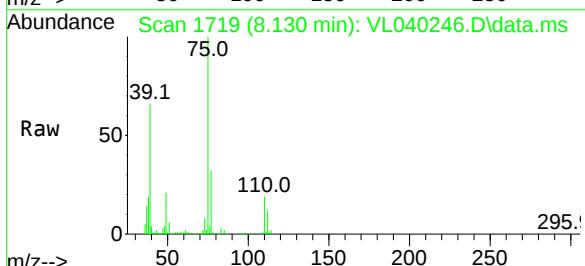
Tgt Ion: 75 Resp: 983495

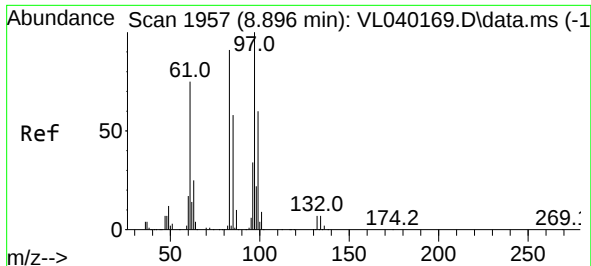
Ion Ratio Lower Upper

75 100

39 65.7 54.2 81.2

77 32.0 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.958 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 794997

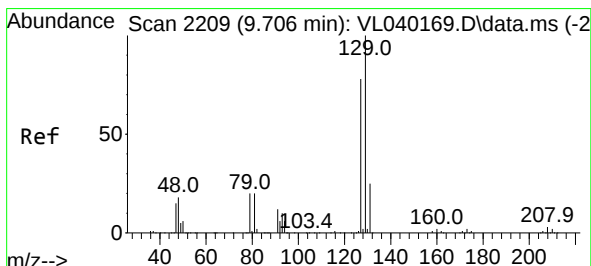
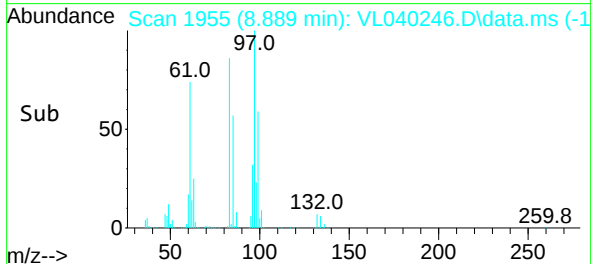
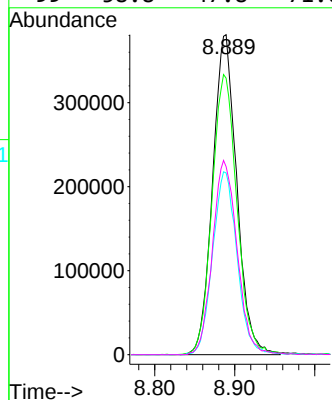
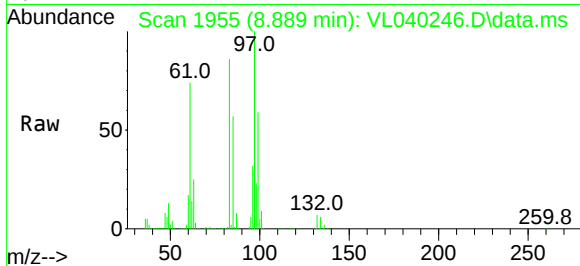
Ion Ratio Lower Upper

97 100

83 86.3 72.8 109.2

85 56.8 46.6 69.8

99 58.8 47.8 71.6



#48

Dibromochloromethane

Concen: 10.886 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.032 min

Lab File: VL040246.D

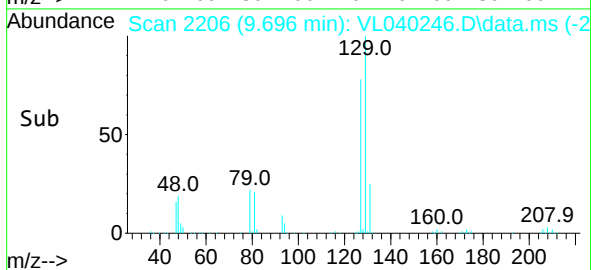
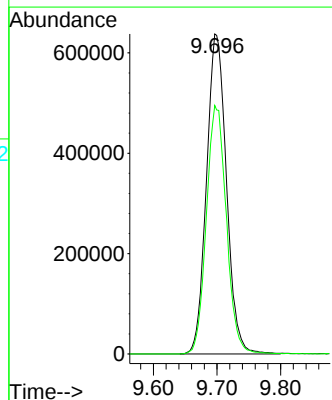
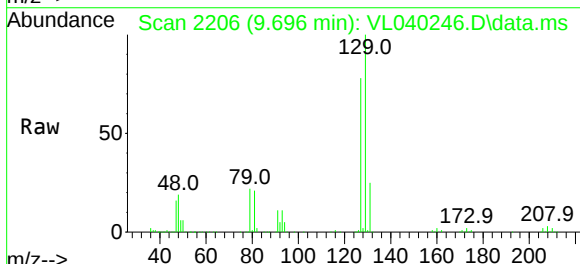
Acq: 8 Mar 2023 9:23

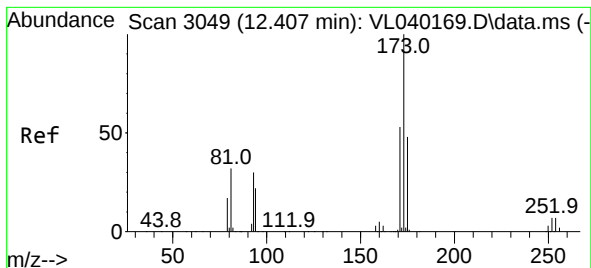
Tgt Ion: 129 Resp: 1390130

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.2





#49

Bromoform

Concen: 10.904 ppbv

RT: 12.400 min Scan# 3049

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

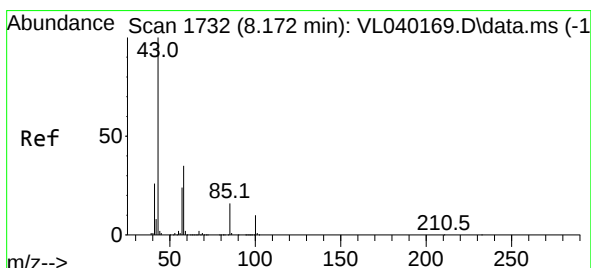
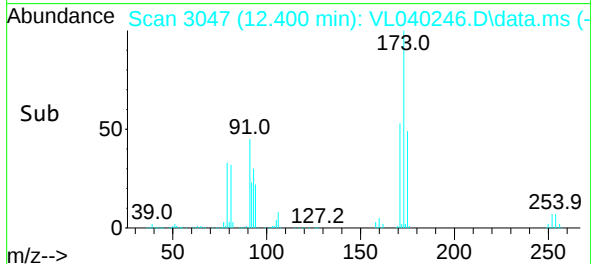
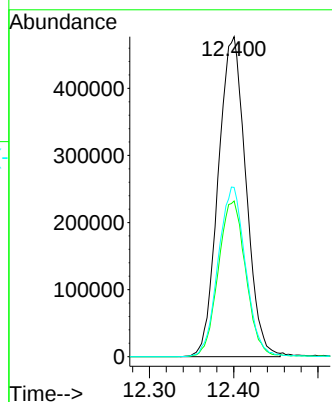
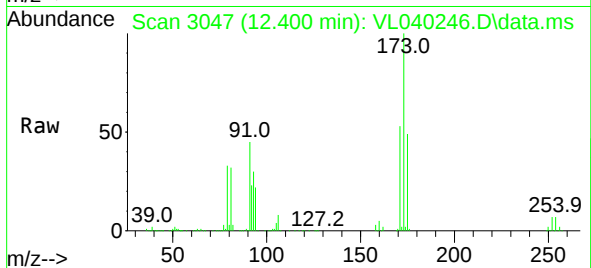
Tgt Ion:173 Resp: 1086816

Ion Ratio Lower Upper

173 100

175 48.5 39.4 59.0

171 52.7 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 10.587 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. -0.029 min

Lab File: VL040246.D

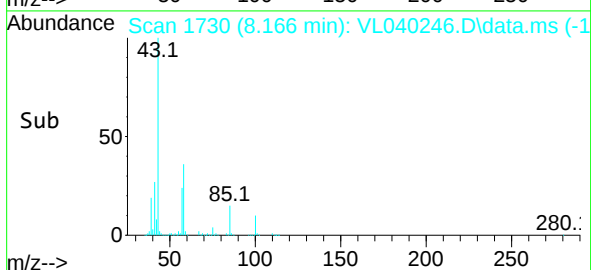
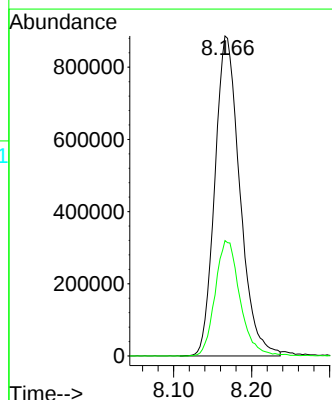
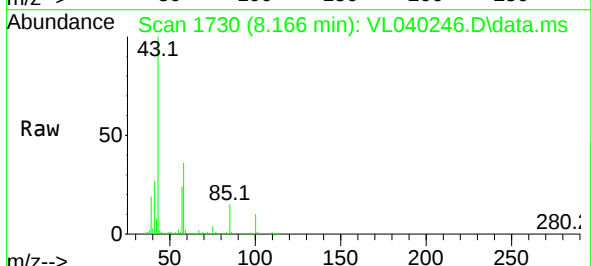
Acq: 8 Mar 2023 9:23

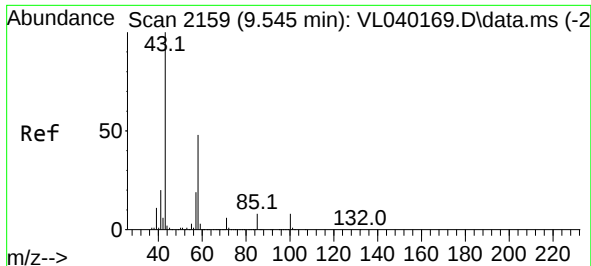
Tgt Ion: 43 Resp: 1977163

Ion Ratio Lower Upper

43 100

58 35.9 29.2 43.8

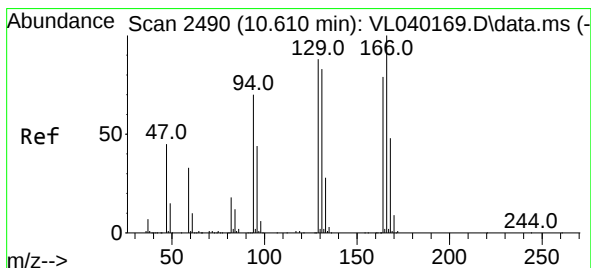
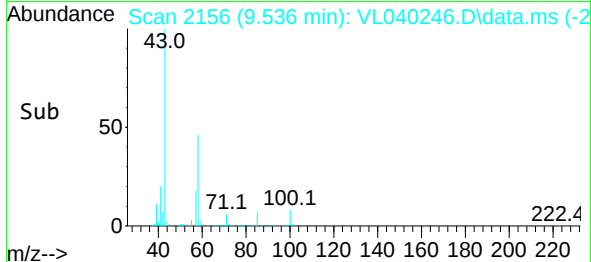
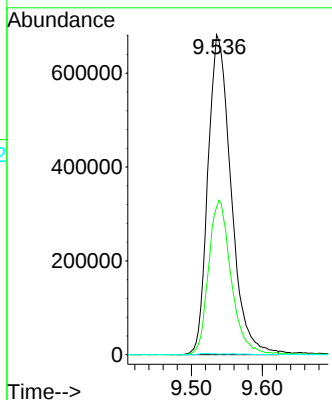
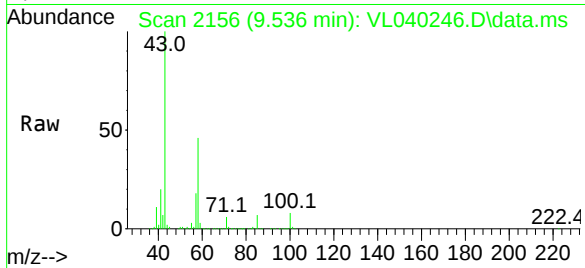




#51
2-Hexanone
Concen: 10.764 ppbv
RT: 9.536 min Scan# 2156
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

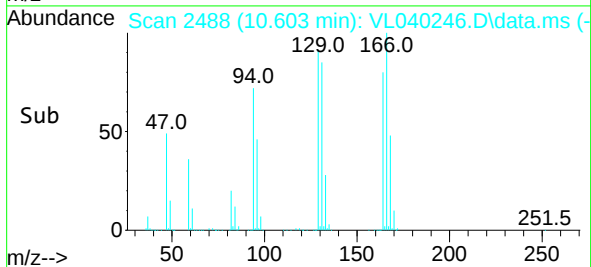
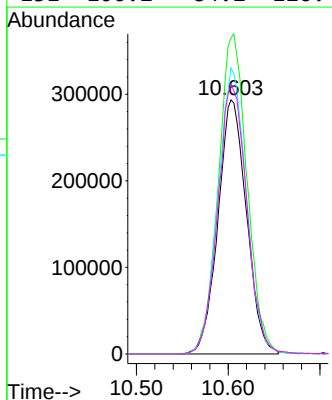
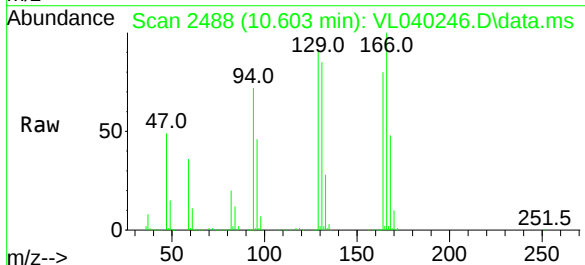
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

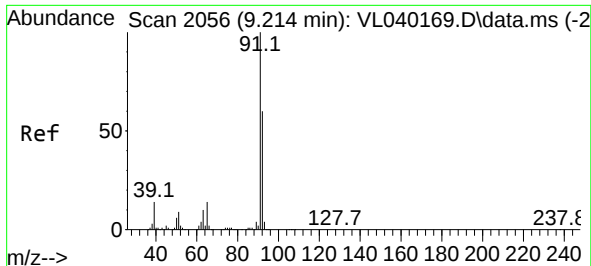
Tgt Ion: 43 Resp: 1545940
Ion Ratio Lower Upper
43 100
58 47.7 39.1 58.7
98 0.6 0.2 0.4#



#52
Tetrachloroethene
Concen: 10.666 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 164 Resp: 631969
Ion Ratio Lower Upper
164 100
166 124.3 101.5 152.3
129 112.6 89.0 133.4
131 106.2 84.2 126.4

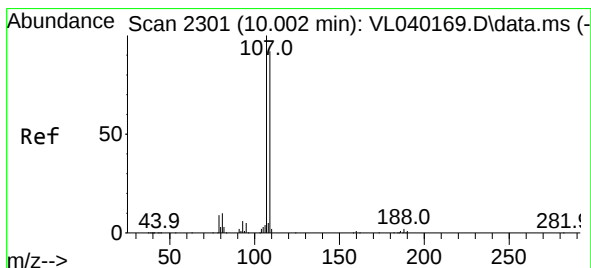
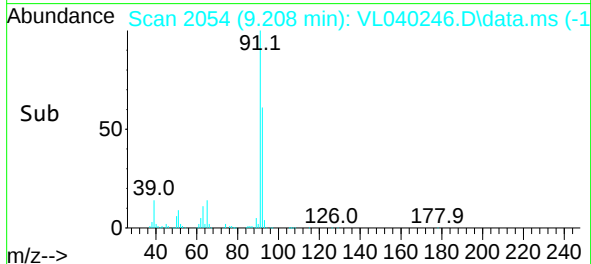
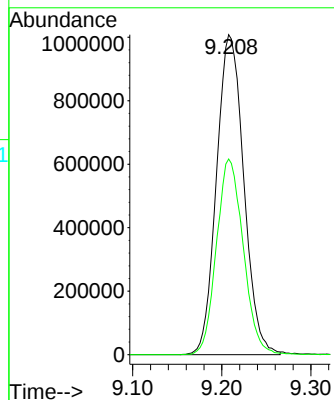
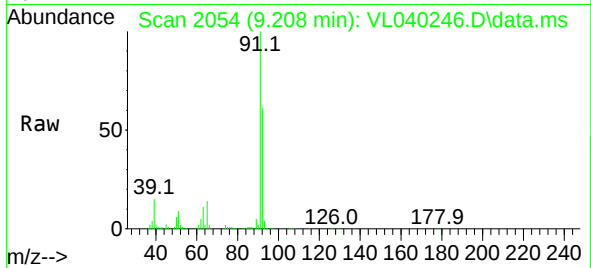




#53
Toluene
Concen: 10.553 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

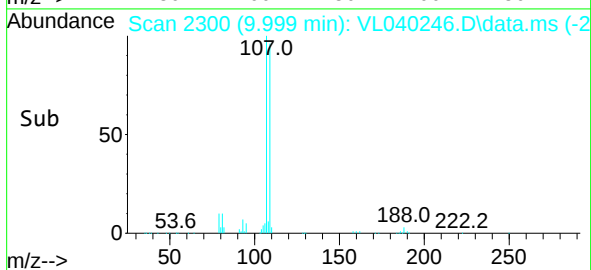
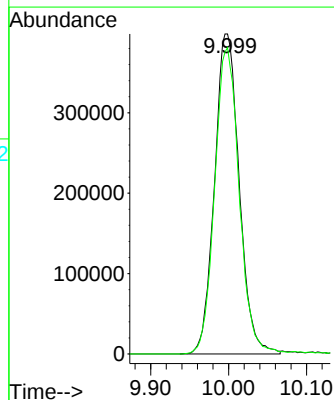
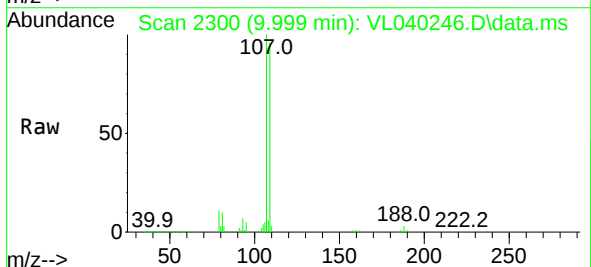
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

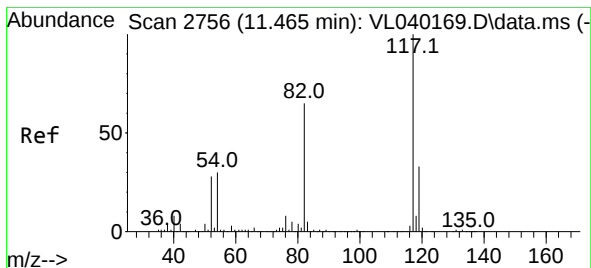
Tgt Ion: 91 Resp: 2144710
Ion Ratio Lower Upper
91 100
92 60.2 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.560 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.029 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 107 Resp: 877201
Ion Ratio Lower Upper
107 100
109 95.8 73.8 110.8

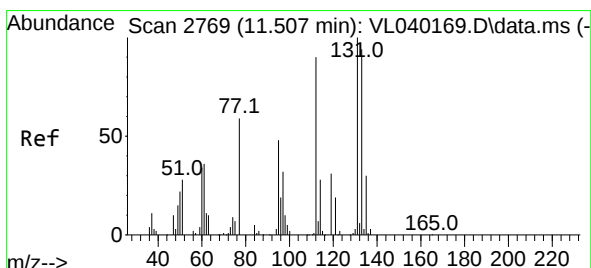
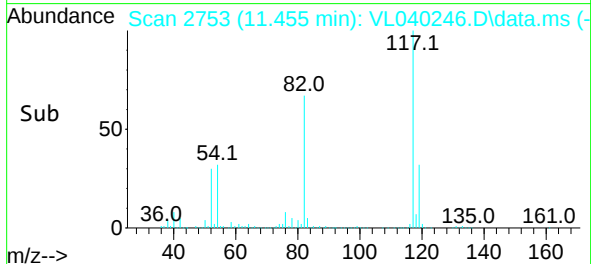
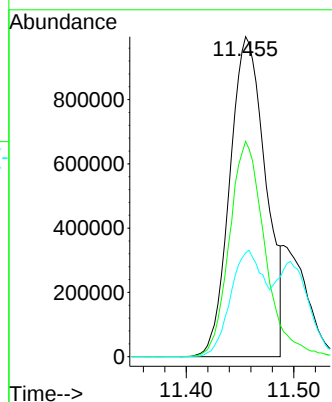
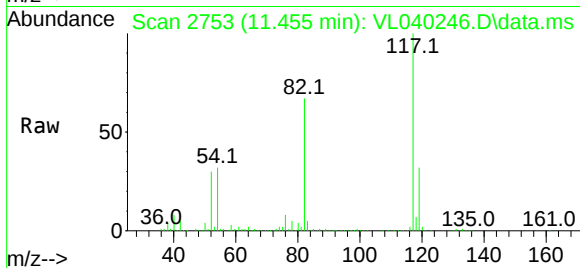




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

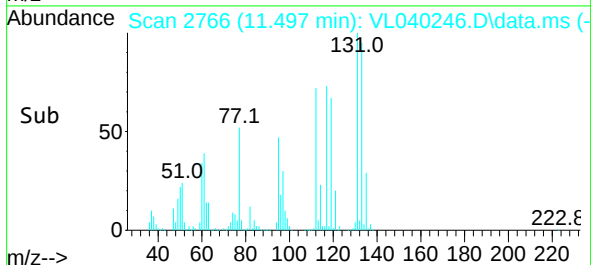
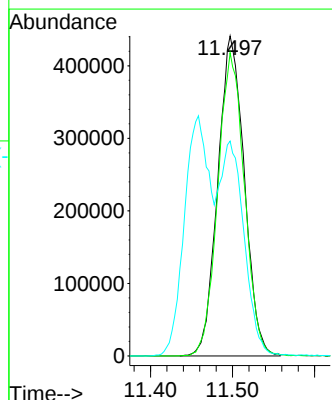
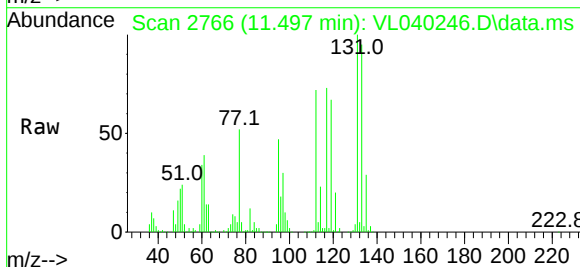
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

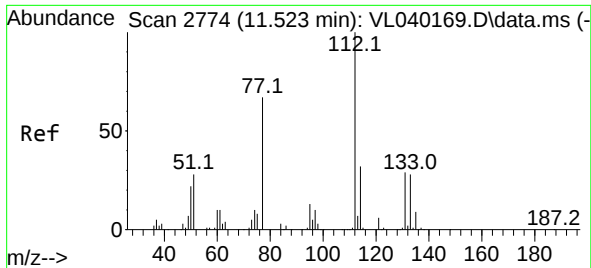
Tgt Ion:117 Resp: 2310008
Ion Ratio Lower Upper
117 100
82 67.0 53.3 79.9
119 29.5 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.196 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:131 Resp: 988694
Ion Ratio Lower Upper
131 100
133 95.2 76.2 114.2
119 59.8 45.4 68.0

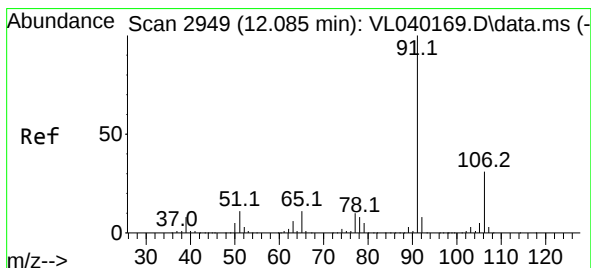
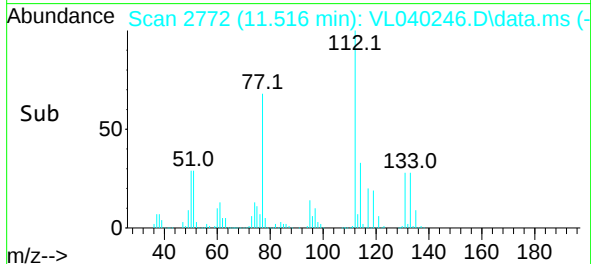
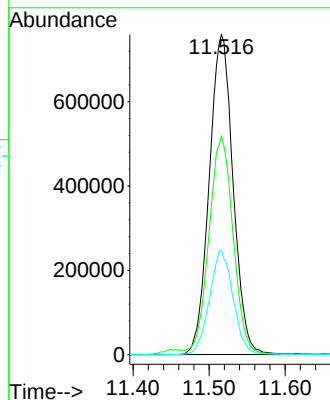
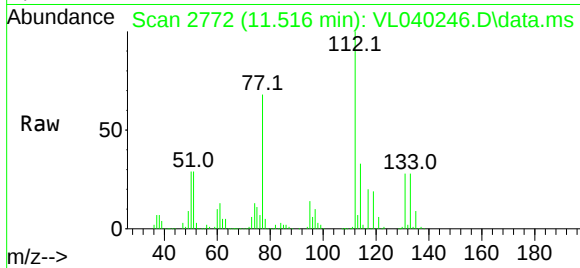




#57
Chlorobenzene
Concen: 9.797 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

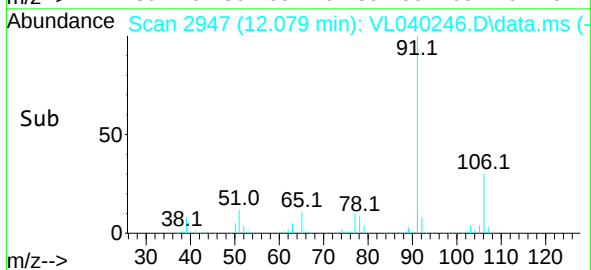
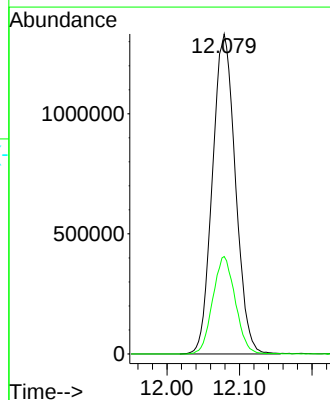
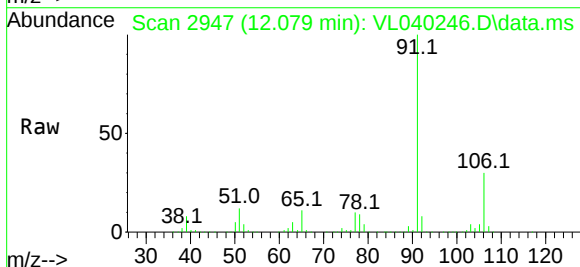
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

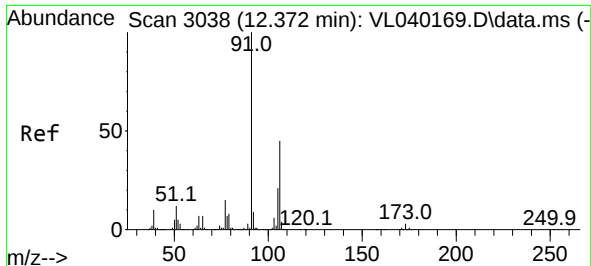
Tgt Ion:112 Resp: 1653404
Ion Ratio Lower Upper
112 100
77 68.1 55.0 82.4
114 32.5 29.0 35.4



#58
Ethyl Benzene
Concen: 10.440 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 91 Resp: 2930092
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





#59

m/p-Xylene

Concen: 9.901 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. -0.039 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

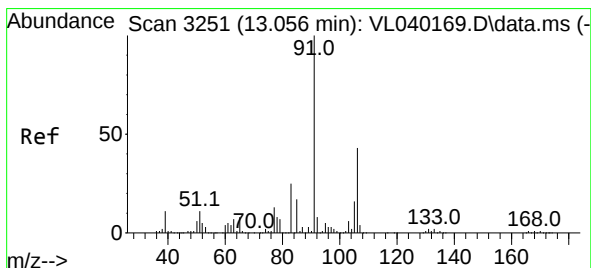
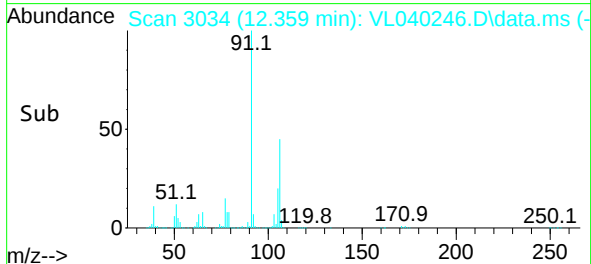
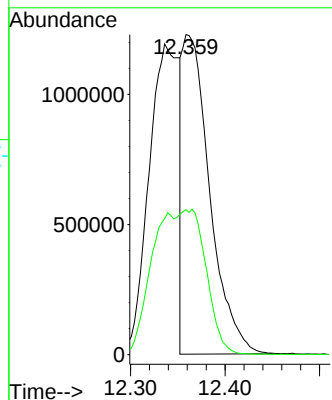
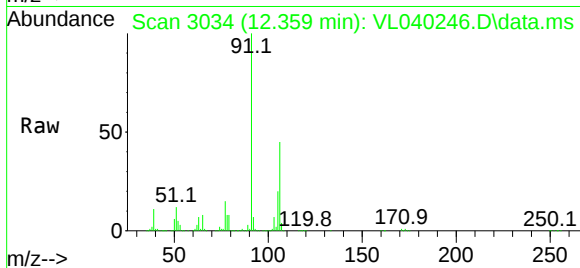
VSTDCCC010

Tgt Ion: 91 Resp: 2461385

Ion Ratio Lower Upper

91 100

106 88.8 34.6 51.8#



#60

o-Xylene

Concen: 10.322 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.035 min

Lab File: VL040246.D

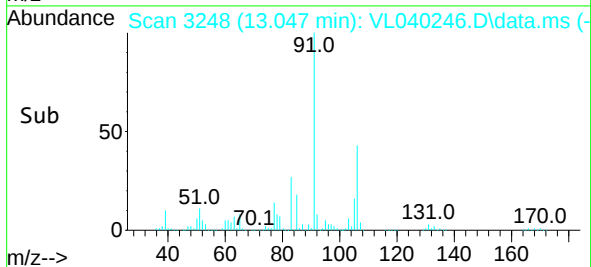
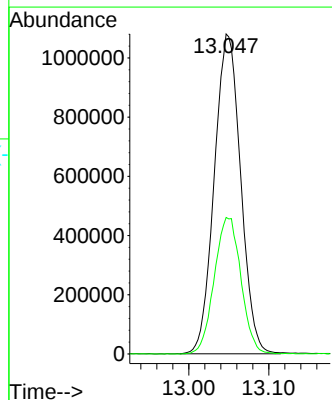
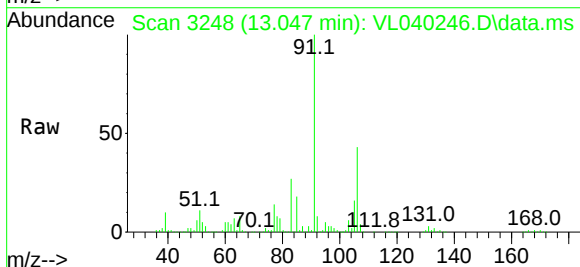
Acq: 8 Mar 2023 9:23

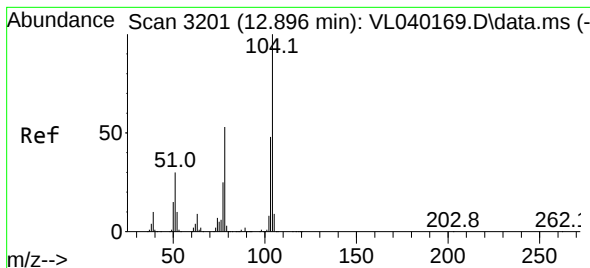
Tgt Ion: 91 Resp: 2468927

Ion Ratio Lower Upper

91 100

106 43.4 21.6 65.0





#61

Styrene

Concen: 11.028 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

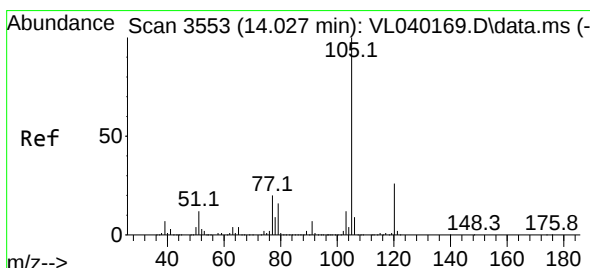
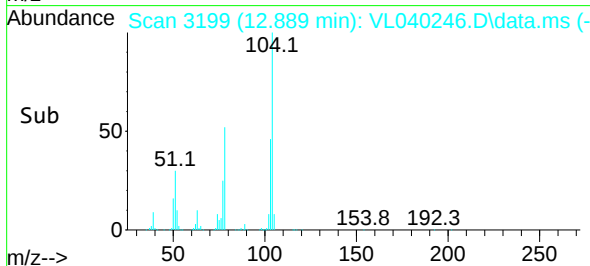
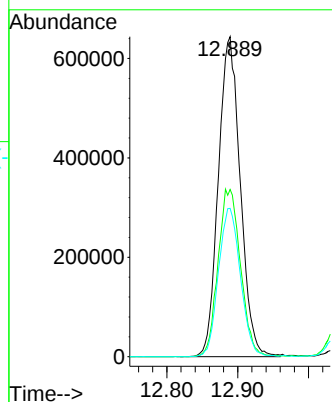
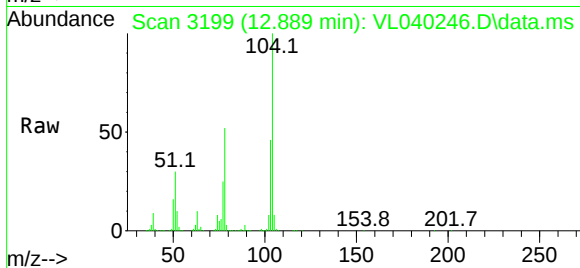
Tgt Ion:104 Resp: 1384873

Ion Ratio Lower Upper

104 100

78 53.9 42.3 63.5

103 46.7 37.5 56.3



#62

Isopropylbenzene

Concen: 10.077 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.032 min

Lab File: VL040246.D

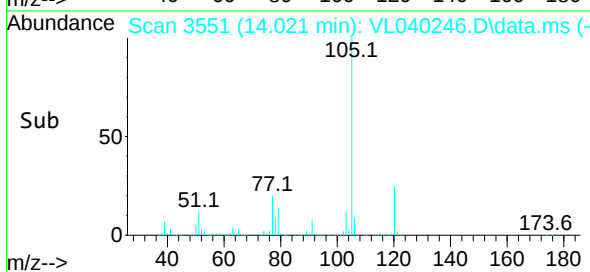
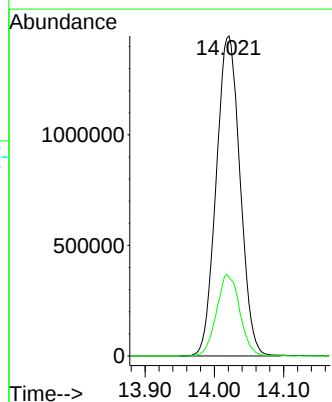
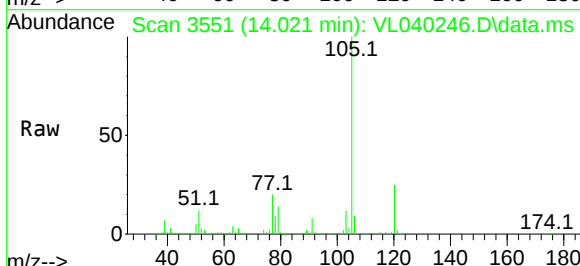
Acq: 8 Mar 2023 9:23

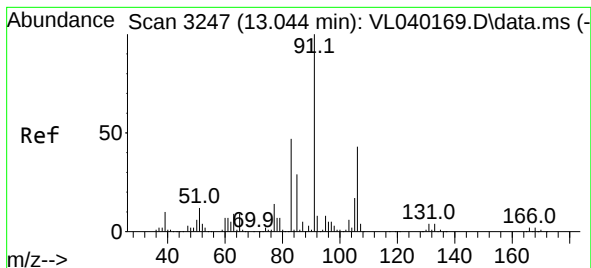
Tgt Ion:105 Resp: 3459901

Ion Ratio Lower Upper

105 100

120 24.9 20.3 30.5

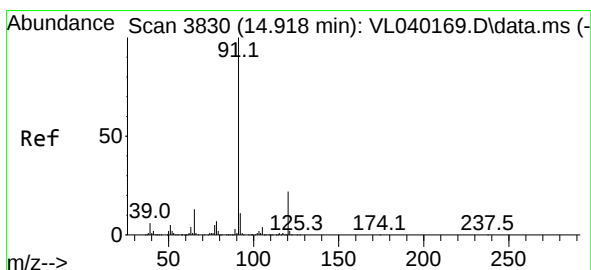
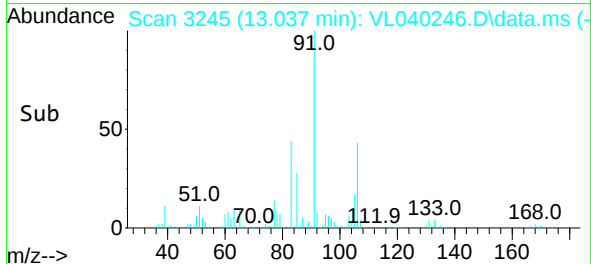
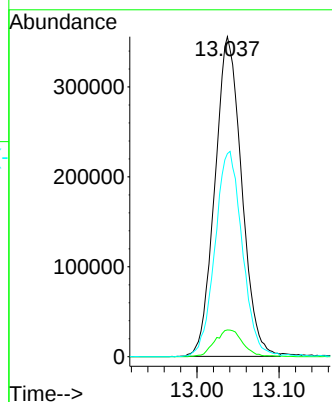
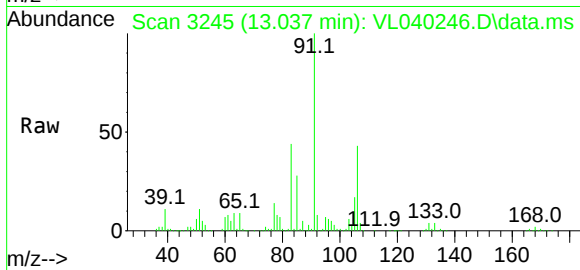




#63
1,1,2,2-Tetrachloroethane
Concen: 9.381 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

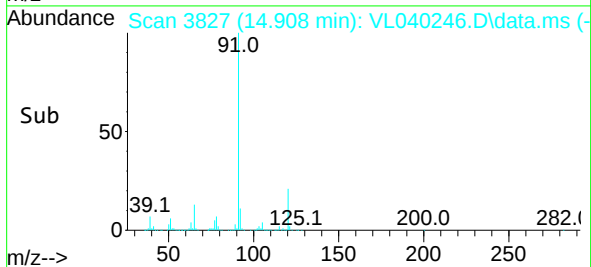
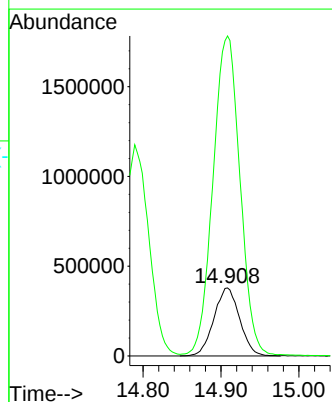
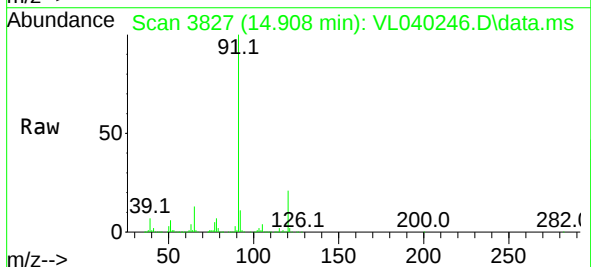
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

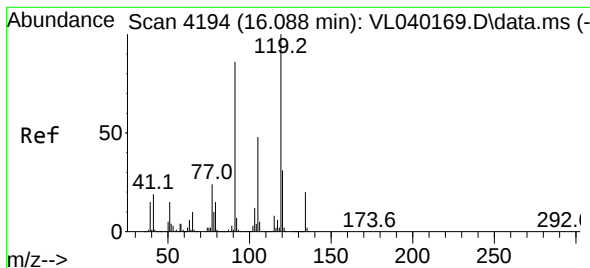
Tgt Ion: 83 Resp: 808579
Ion Ratio Lower Upper
83 100
131 8.8 4.4 13.2
85 66.2 33.0 99.0



#64
n-propylbenzene
Concen: 10.227 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.029 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:120 Resp: 869035
Ion Ratio Lower Upper
120 100
91 494.5 389.8 584.8

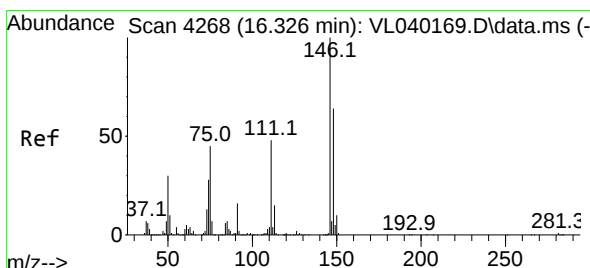
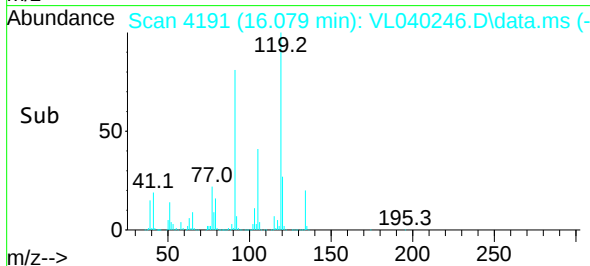
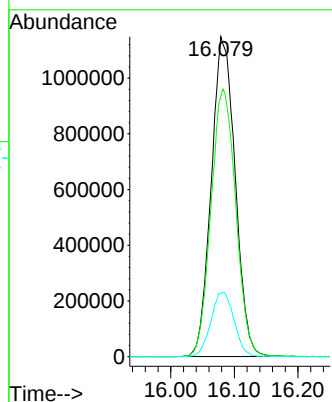
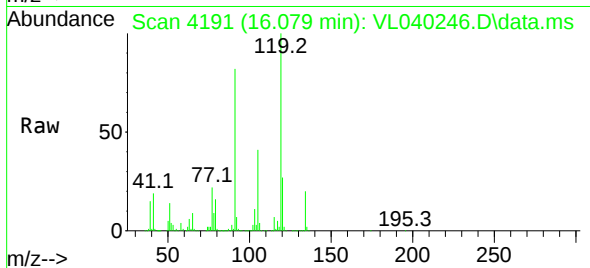




#65
tert-Butylbenzene
Concen: 10.024 ppbv
RT: 16.079 min Scan# 4194
Delta R.T. -0.035 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

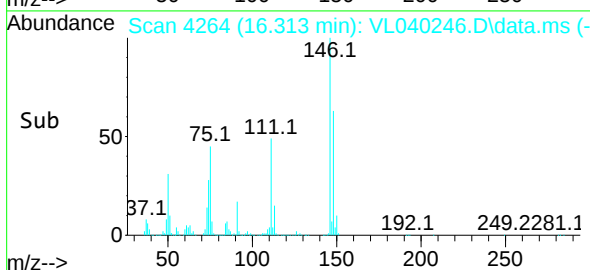
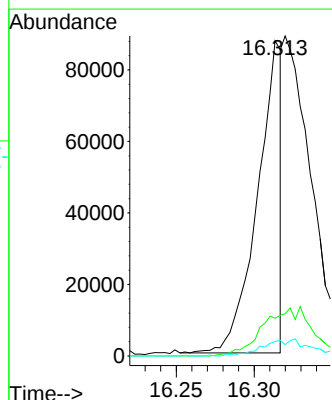
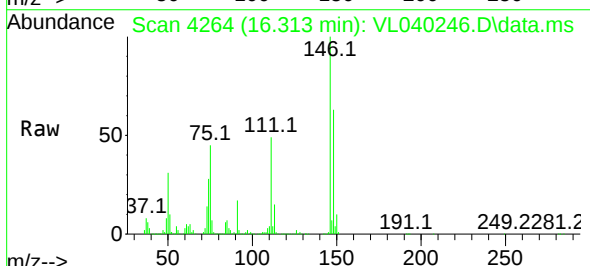
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

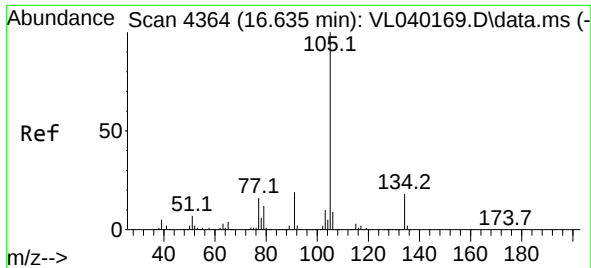
Tgt Ion:119 Resp: 2991660
Ion Ratio Lower Upper
119 100
91 87.0 68.6 102.8
134 19.6 15.9 23.9



#66
Benzyl Chloride
Concen: 4.681 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.035 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion: 91 Resp: 92961
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.1 6.1#

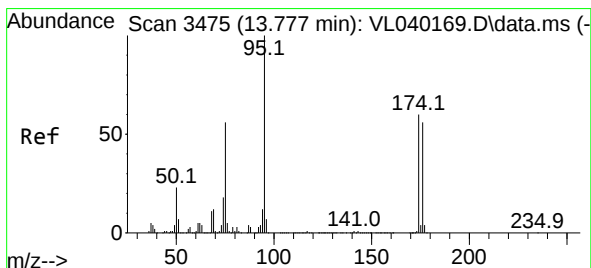
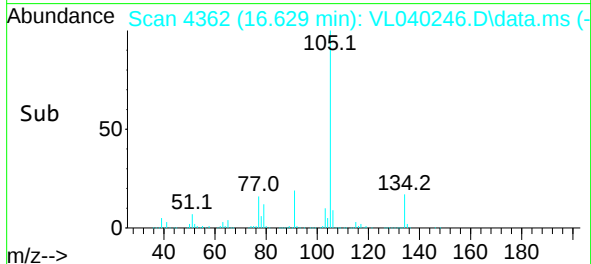
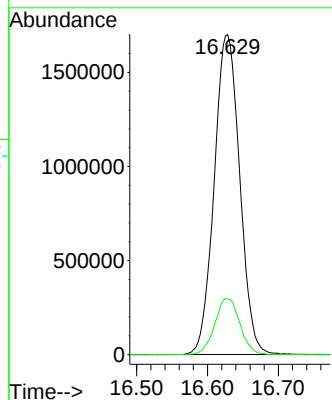
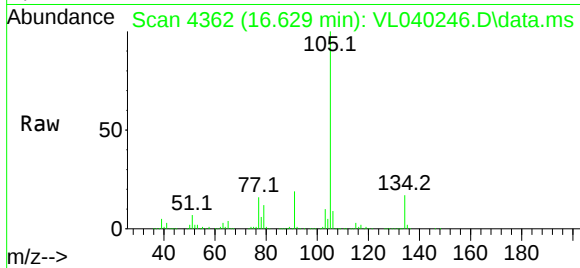




#67
 sec-Butylbenzene
 Concen: 9.929 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

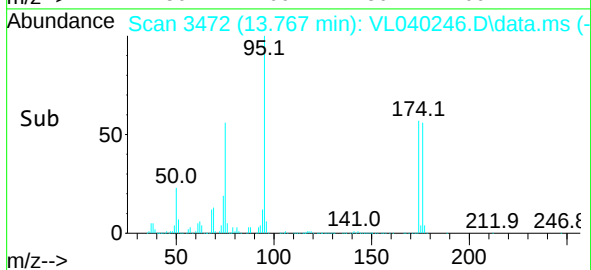
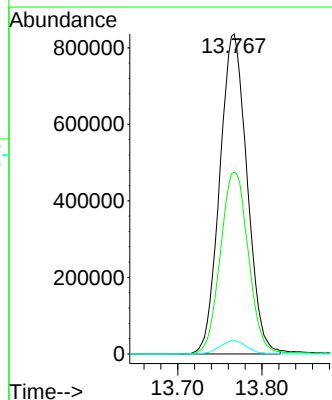
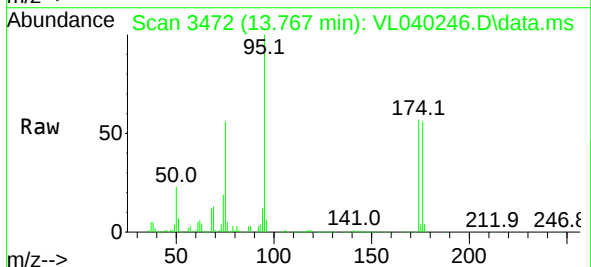
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

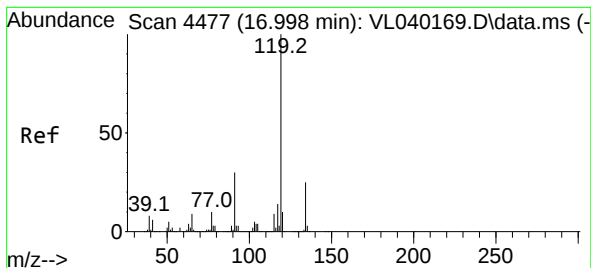
Tgt Ion:105 Resp: 4249881
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.883 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.029 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Tgt Ion: 95 Resp: 1877373
 Ion Ratio Lower Upper
 95 100
 174 58.8 48.2 72.2
 175 4.2 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.940 ppbv

RT: 16.985 min Scan# 4477

Delta R.T. -0.032 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

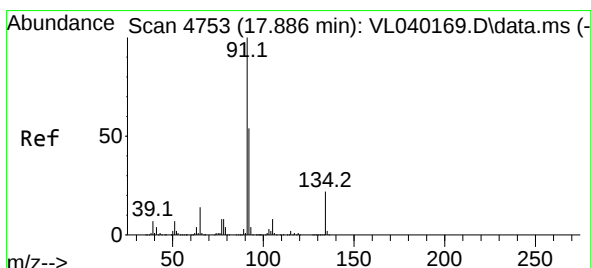
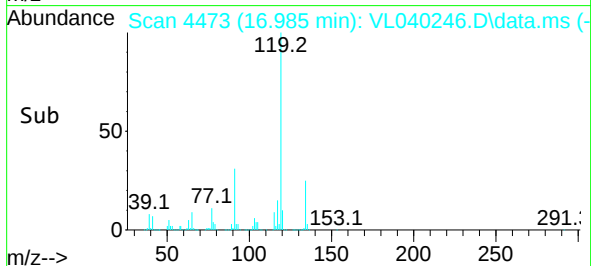
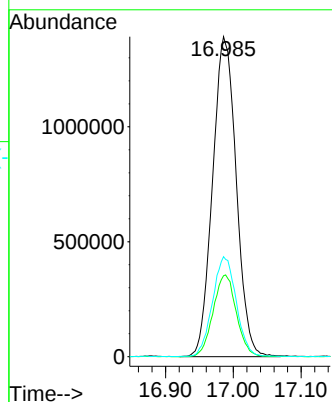
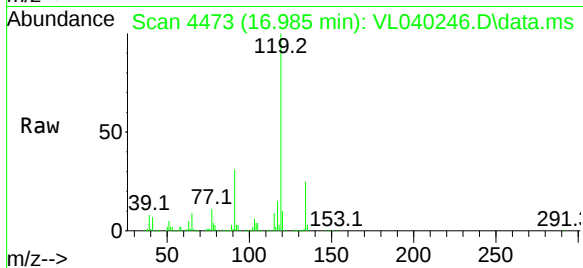
Tgt Ion:119 Resp: 3372908

Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.2

91 31.3 24.7 37.1



#70

n-Butylbenzene

Concen: 9.897 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. -0.032 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

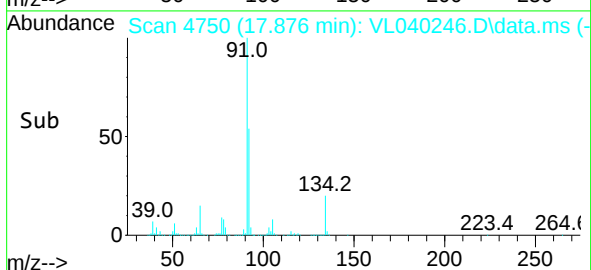
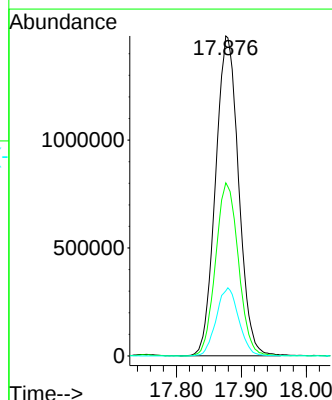
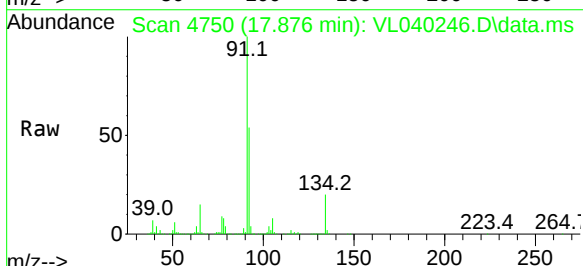
Tgt Ion: 91 Resp: 3644932

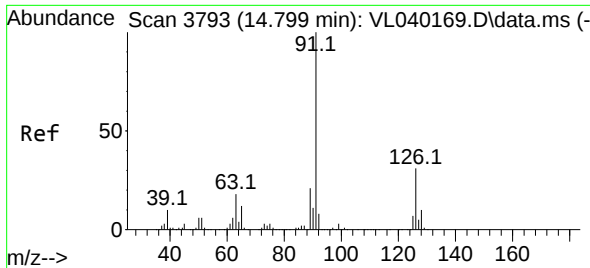
Ion Ratio Lower Upper

91 100

92 53.6 43.0 64.6

134 20.9 16.9 25.3

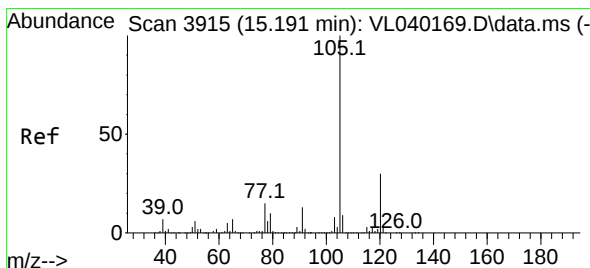
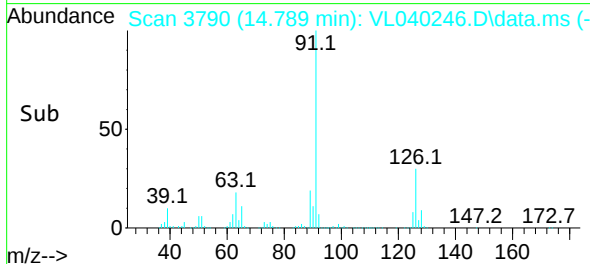
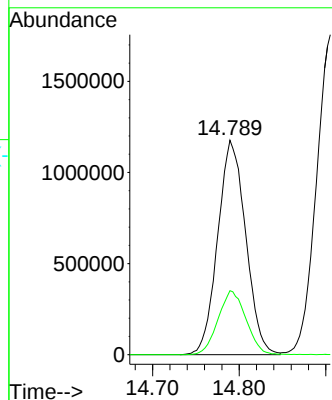
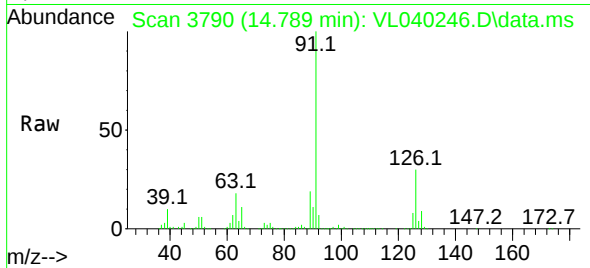




#71
2-Chlorotoluene
Concen: 10.051 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

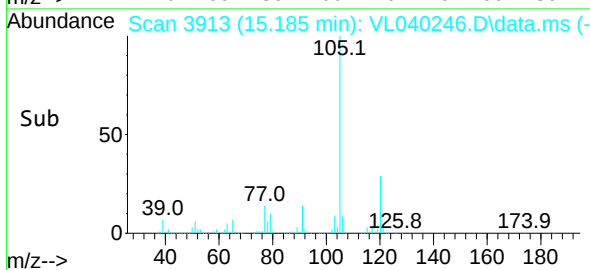
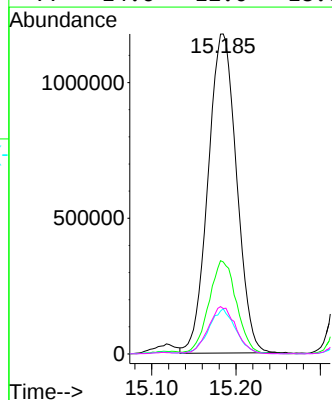
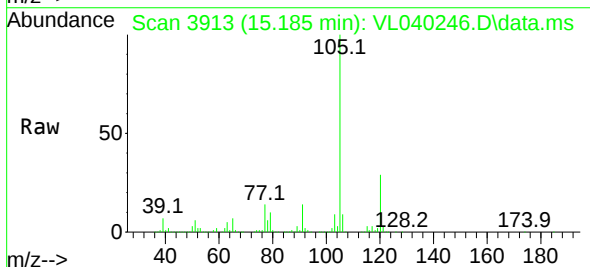
Instrument :
MSVOA_L
ClientSampleId :
VSTDC010

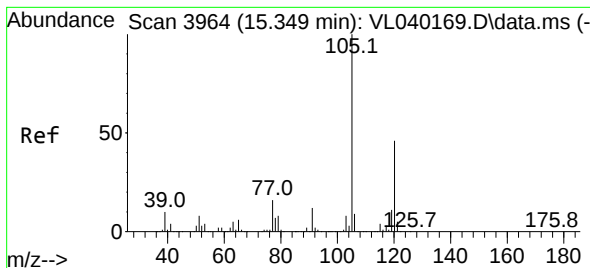
Tgt Ion: 91 Resp: 2639217
Ion Ratio Lower Upper
91 100
126 29.9 12.0 48.2



#72
4-Ethyltoluene
Concen: 10.438 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:105 Resp: 2759928
Ion Ratio Lower Upper
105 100
120 29.3 23.2 34.8
91 13.4 11.3 16.9
77 14.6 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 9.961 ppbv

RT: 15.342 min Scan# 3964

Delta R.T. -0.035 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Instrument :

MSVOA_L

ClientSampleId :

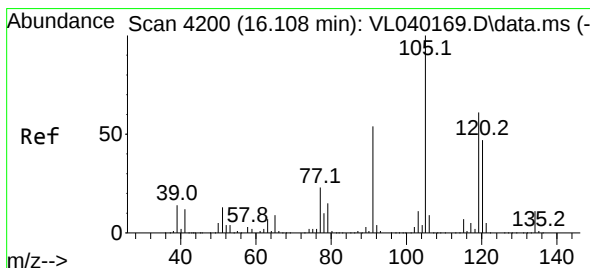
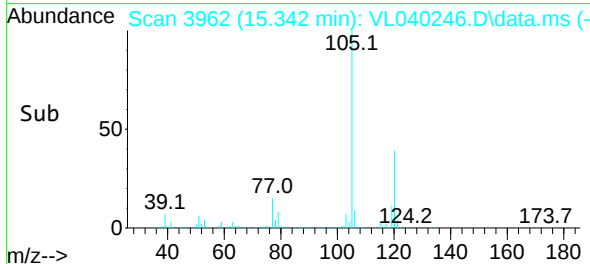
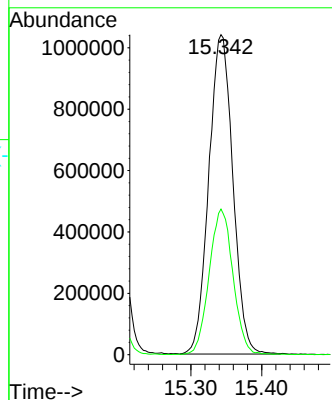
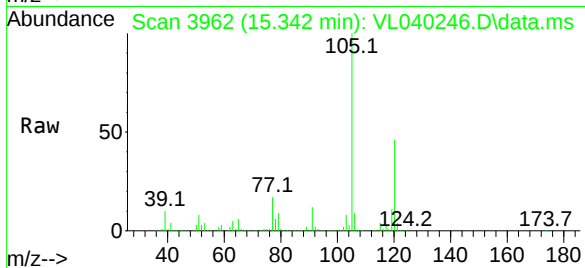
VSTDCCC010

Tgt Ion:105 Resp: 2450905

Ion Ratio Lower Upper

105 100

120 45.5 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 9.824 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.029 min

Lab File: VL040246.D

Acq: 8 Mar 2023 9:23

Tgt Ion:105 Resp: 2655109

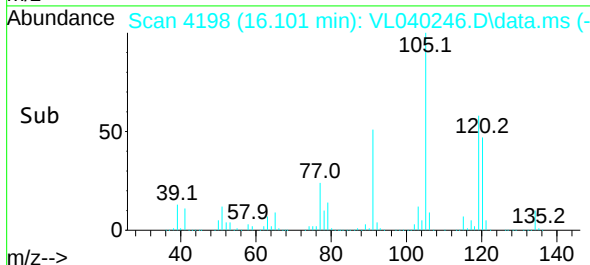
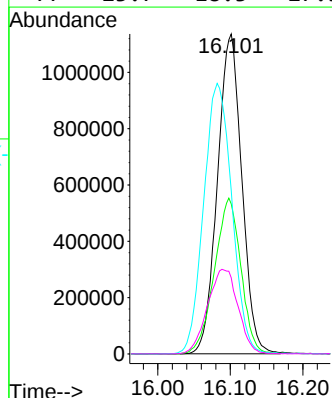
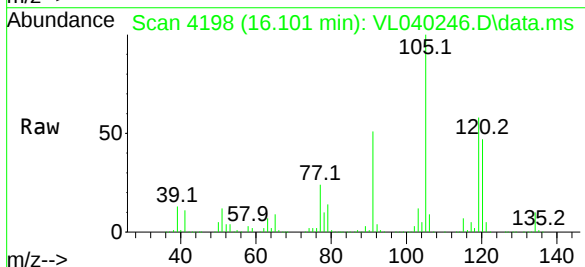
Ion Ratio Lower Upper

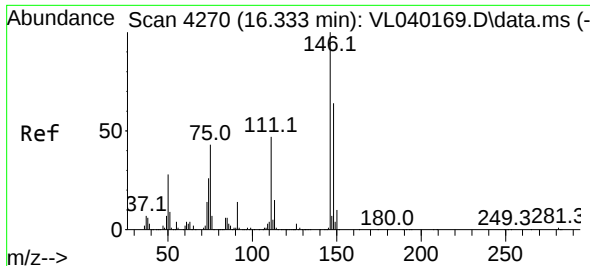
105 100

120 46.9 37.9 56.9

91 50.9 43.7 65.5

77 23.7 18.3 27.5

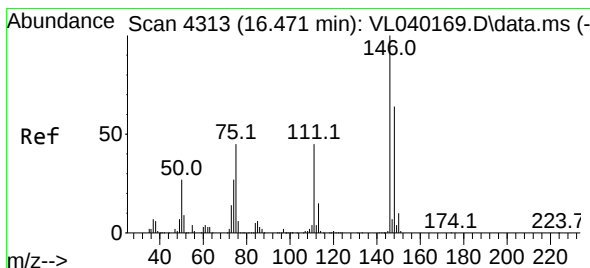
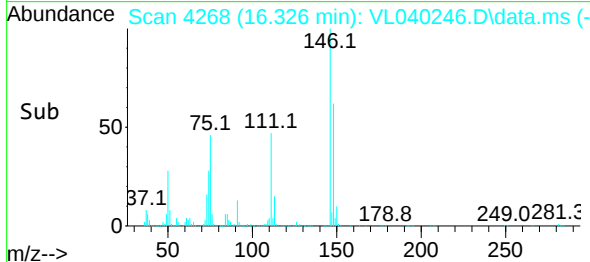
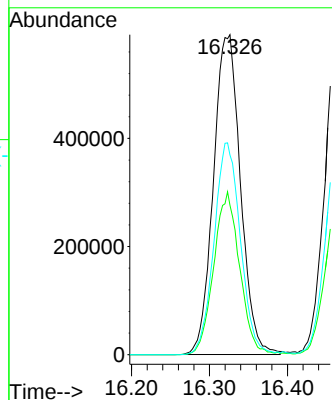
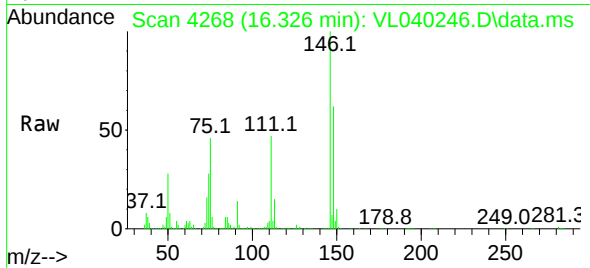




#75
1,3-Dichlorobenzene
Concen: 9.653 ppbv
RT: 16.326 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

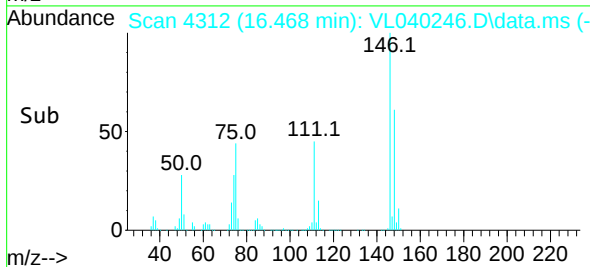
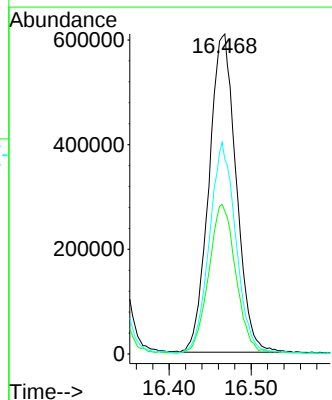
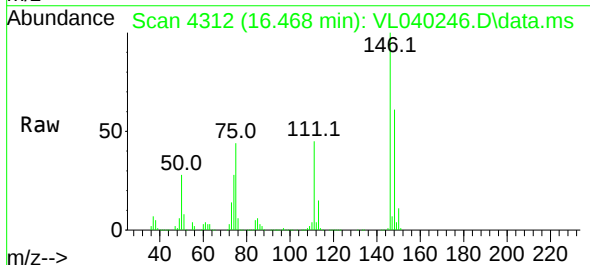
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1427714
Ion Ratio Lower Upper
146 100
111 48.8 23.9 71.8
148 64.8 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 9.682 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.029 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:146 Resp: 1403243
Ion Ratio Lower Upper
146 100
111 47.5 23.5 70.5
148 64.9 32.5 97.4

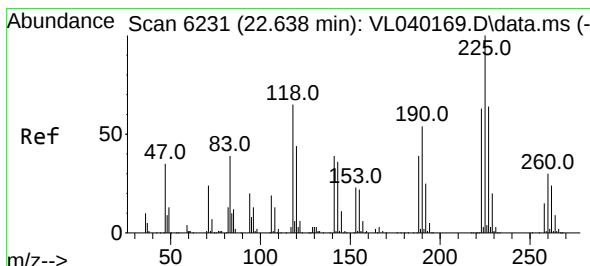
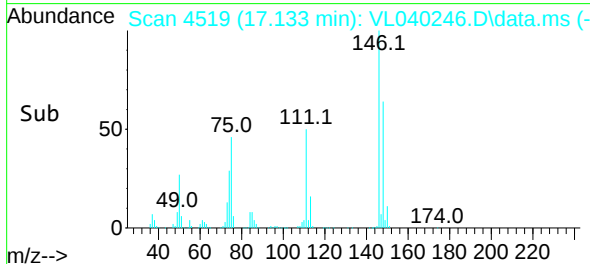
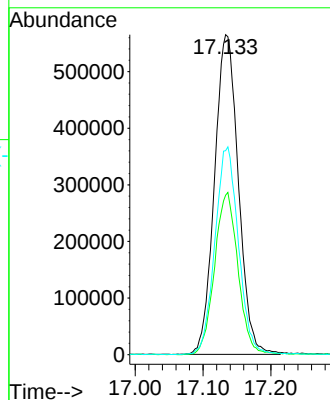
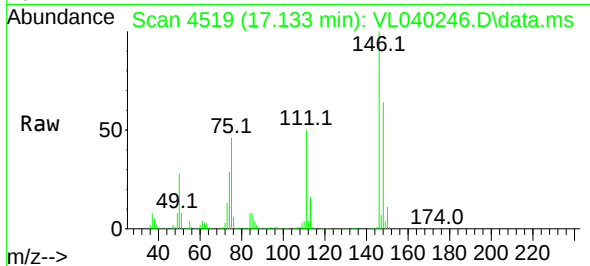




#77
1,2-Dichlorobenzene
Concen: 9.422 ppbv
RT: 17.133 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

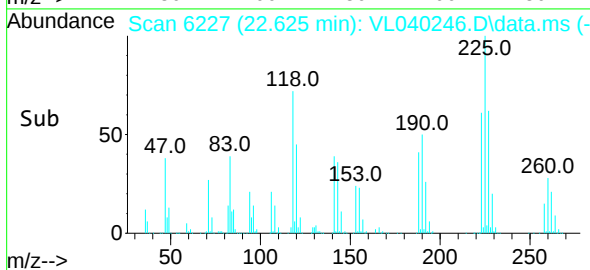
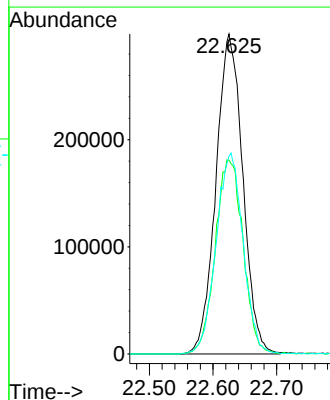
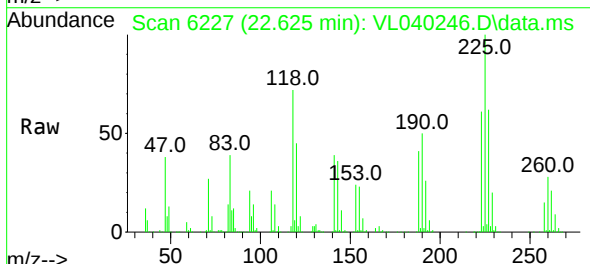
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

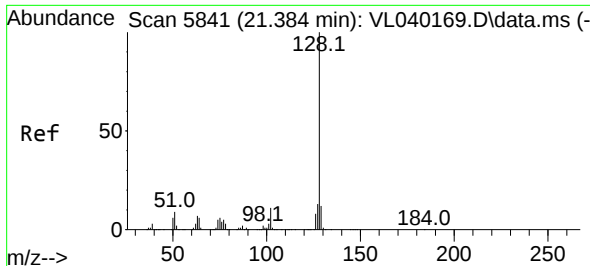
Tgt Ion:146 Resp: 1384175
Ion Ratio Lower Upper
146 100
111 50.0 25.3 75.8
148 63.9 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.673 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.035 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:225 Resp: 875391
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 63.3 51.2 76.8

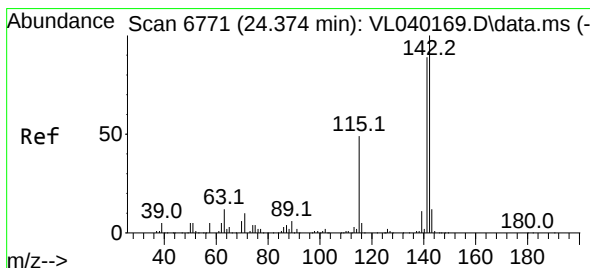
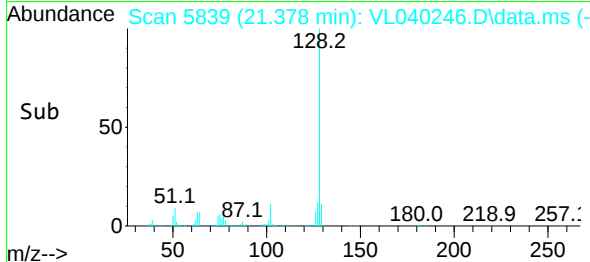
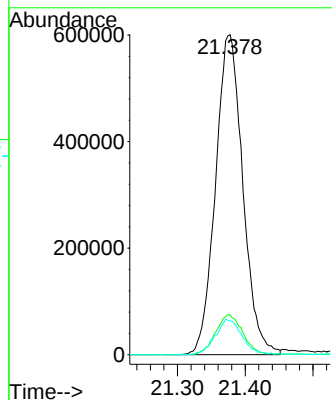
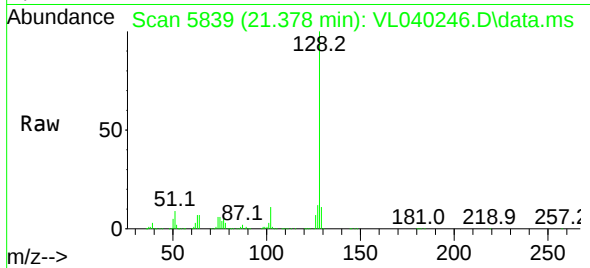




#79
Naphthalene
Concen: 11.078 ppbv
RT: 21.378 min Scan# 51
Delta R.T. -0.032 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

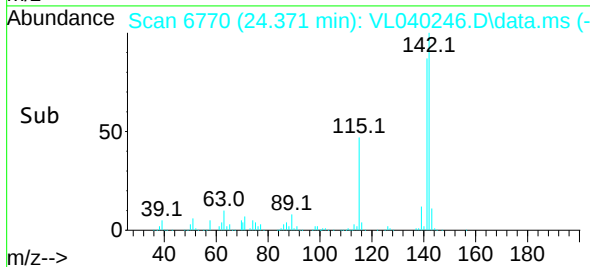
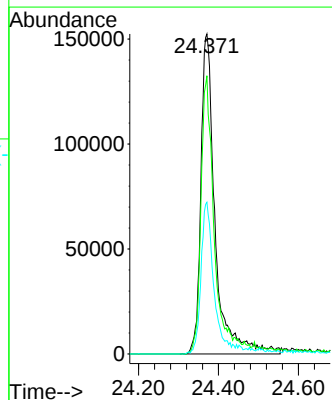
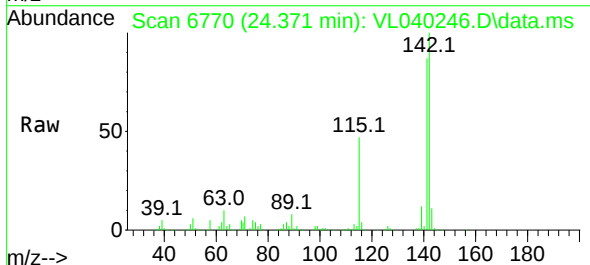
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

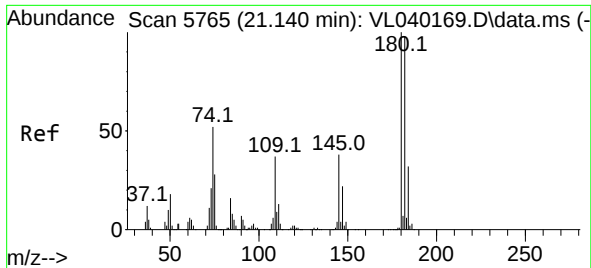
Tgt Ion:128 Resp: 1682021
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.6 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 8.789 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.026 min
Lab File: VL040246.D
Acq: 8 Mar 2023 9:23

Tgt Ion:142 Resp: 379450
Ion Ratio Lower Upper
142 100
141 85.4 67.3 100.9
115 45.8 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.684 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. -0.035 min
 Lab File: VL040246.D
 Acq: 8 Mar 2023 9:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 920045
 Ion Ratio Lower Upper
 180 100
 182 94.3 79.0 118.6
 184 30.5 24.6 36.8

