

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040288.D
 Acq On : 16 Mar 2023 9:11
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Mar 17 04:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1083383	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2896544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3360569	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2391071	8.496	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	1766348	8.310	ppbv	97
3) Chlorodifluoromethane	2.661	51	1230528	9.032	ppbv	98
4) Chloromethane	2.800	50	766628	9.113	ppbv	97
5) Vinyl Chloride	2.906	62	664285	9.753	ppbv	95
6) Bromomethane	3.105	94	225701	9.555	ppbv	99
7) Chloroethane	3.185	64	239426	9.156	ppbv	95
8) Dichlorotetrafluoroethane	2.845	85	1672882	9.194	ppbv	100
9) Propene	2.681	41	507103	9.716	ppbv	96
10) Heptane	7.571	43	1258095	10.022	ppbv	99
11) Trichlorofluoromethane	3.552	101	1777056	9.227	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	1331552	9.206	ppbv	99
13) Ethanol	3.234	45	27360	7.148	ppbv	95
14) Bromoethene	3.356	108	520090	9.640	ppbv	98
15) Acetone	3.456	43	1163647	8.823	ppbv	99
16) 1,3-Butadiene	2.973	39	593301	9.896	ppbv	98
17) tert-Butyl alcohol	3.864	59	1276629	10.184	ppbv	100
18) 1,1-Dichloroethene	3.867	96	595631	9.599	ppbv	99
19) Isopropyl Alcohol	3.562	45	577632	9.143	ppbv #	98
20) Methylene Chloride	3.919	84	484924	8.739	ppbv	97
21) Allyl Chloride	3.983	41	837792	9.806	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	600862	9.514	ppbv	99
23) Vinyl Acetate	4.613	43	367364	10.012	ppbv	96
24) 1,1-Dichloroethane	4.552	63	1235310	9.438	ppbv	98
25) Ethyl Acetate	5.195	43	2214092	8.967	ppbv	100
26) Hexane	5.201	57	948709	9.360	ppbv	96
27) Carbon Disulfide	4.111	76	1501965	10.609	ppbv	98
28) Methyl tert-Butyl Ether	4.574	73	1126233	9.677	ppbv	99
29) Chloroform	5.266	83	1512148	8.449	ppbv	100
30) Cyclohexane	6.594	84	800531	10.023	ppbv	95
31) cis-1,2-Dichloroethene	5.066	61	929933	9.421	ppbv	95
32) 1,1,1-Trichloroethane	5.989	97	1728251	10.079	ppbv	99
34) 2-Butanone	4.774	43	1287286	9.005	ppbv	99
35) Carbon Tetrachloride	6.484	117	1786960	9.831	ppbv	99
36) Benzene	6.362	78	2075248	9.401	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1318713	9.179	ppbv	100
38) Trichloroethene	7.282	130	1246804	10.336	ppbv	99
39) 1,2-Dichloropropane	7.063	63	793242	9.159	ppbv	95
40) 1,4-Dioxane	7.279	88	299556	8.743	ppbv	72
41) Tetrahydrofuran	5.545	42	769155	9.323	ppbv	100
42) Bromodichloromethane	7.240	83	1849921	9.422	ppbv	98
43) Methyl Methacrylate	7.465	69	823775	10.042	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3501229	9.513	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	770074	10.769	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040288.D
 Acq On : 16 Mar 2023 9:11
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 17 04:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

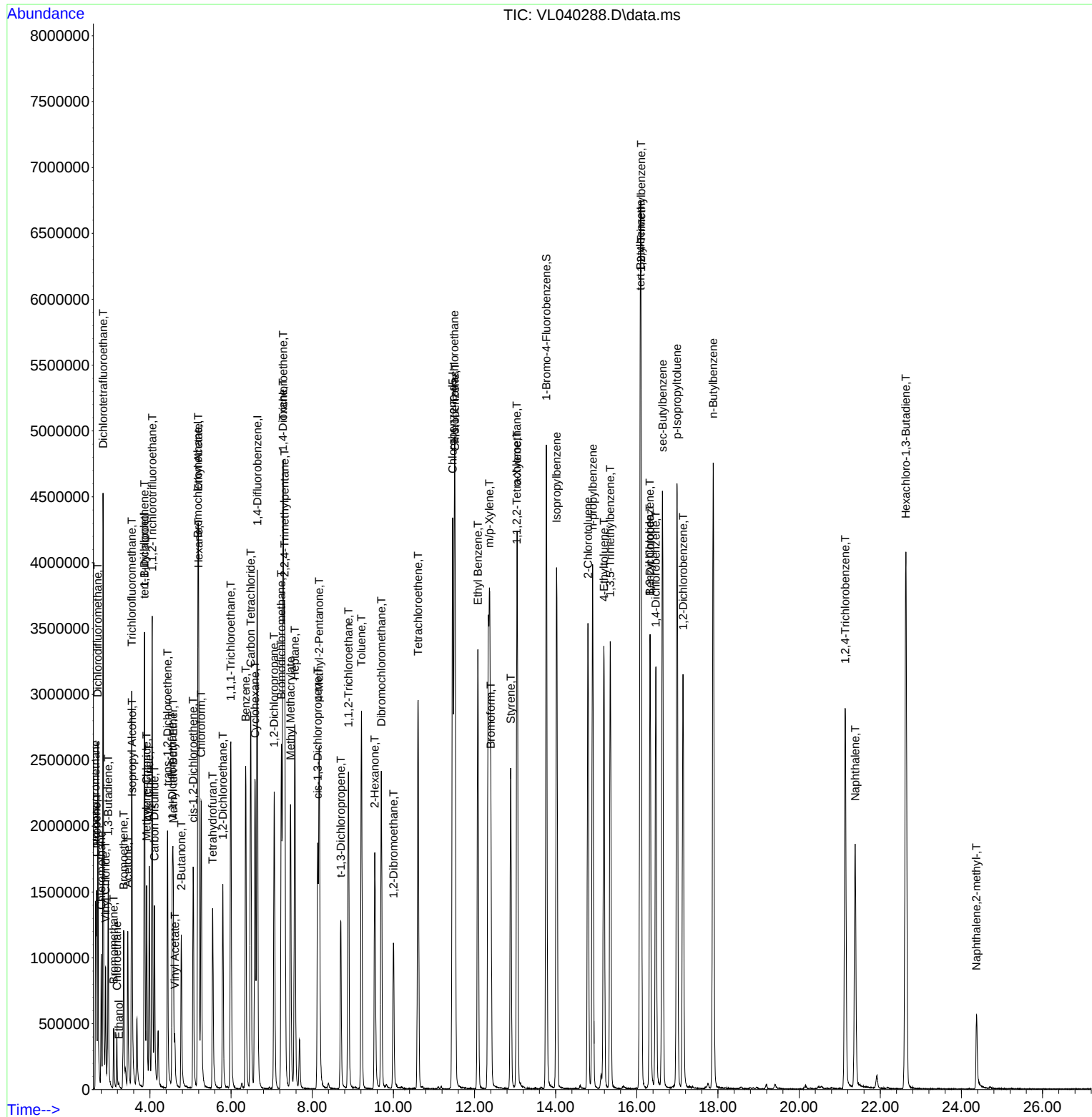
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1065870	10.496	ppbv	98
47) 1,1,2-Trichloroethane	8.893	97	845910	9.154	ppbv	92
48) Dibromochloromethane	9.703	129	1440616	9.474	ppbv	100
49) Bromoform	12.404	173	1063498	9.312	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2126458	9.612	ppbv	100
51) 2-Hexanone	9.542	43	1622806	9.469	ppbv #	100
52) Tetrachloroethene	10.610	164	669435	10.024	ppbv	96
53) Toluene	9.214	91	2285967	9.882	ppbv	98
54) 1,2-Dibromoethane	10.002	107	912380	9.592	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1025859	7.257	ppbv	98
57) Chlorobenzene	11.520	112	1706094	7.137	ppbv	98
58) Ethyl Benzene	12.082	91	3090951	8.078	ppbv	99
59) m/p-Xylene	12.365	91	2868488	8.183	ppbv #	41
60) o-Xylene	13.050	91	2552487	7.617	ppbv	100
61) Styrene	12.892	104	1426894	8.391	ppbv	99
62) Isopropylbenzene	14.024	105	3573101	7.488	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	801413	6.797	ppbv	100
64) n-propylbenzene	14.915	120	909224	7.786	ppbv	99
65) tert-Butylbenzene	16.088	119	3181217	7.736	ppbv	100
66) Benzyl Chloride	16.323	91	208358	7.796	ppbv #	96
67) sec-Butylbenzene	16.635	105	4586861	7.799	ppbv	100
69) p-Isopropyltoluene	16.989	119	3750691	8.189	ppbv	100
70) n-Butylbenzene	17.883	91	4213643	8.351	ppbv	100
71) 2-Chlorotoluene	14.796	91	2776094	7.643	ppbv	100
72) 4-Ethyltoluene	15.188	105	2943837	8.035	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2621941	7.901	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	2921259	7.719	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	1612609	7.867	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1581894	8.092	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1607013	8.156	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1126249	7.794	ppbv	100
79) Naphthalene	21.384	128	2326260	10.390	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	419051	7.390	ppbv	96
81) 1,2,4-Trichlorobenzene	21.137	180	1226649	8.895	ppbv	99

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

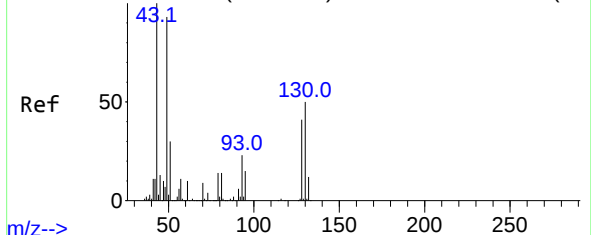
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
Data File : VL040288.D
Acq On : 16 Mar 2023 9:11
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 17 04:13:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
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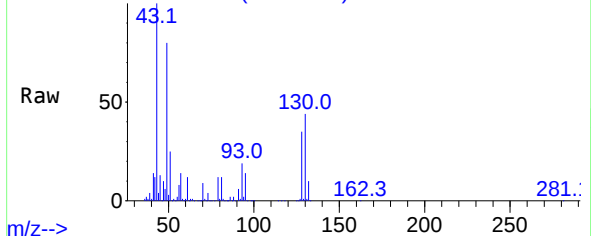


Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



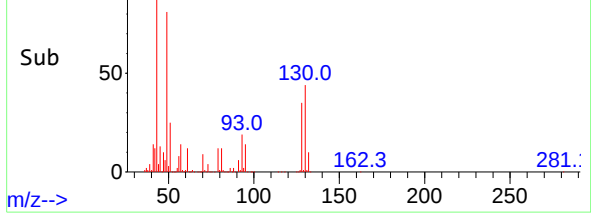
m/z-->

Abundance Scan 802 (5.182 min): VL040288.D\data.ms



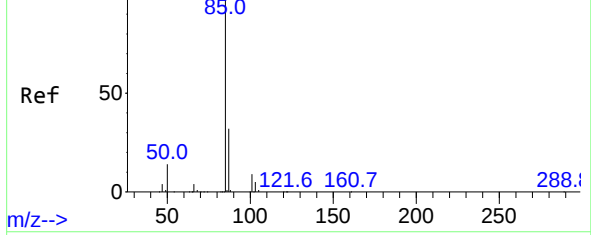
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Abundance Scan 802 (5.182 min): VL040288.D\data.ms (-64)



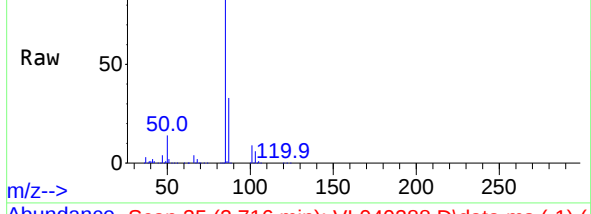
m/z-->

Abundance Scan 36 (2.719 min): VL040279.D\data.ms (-28)



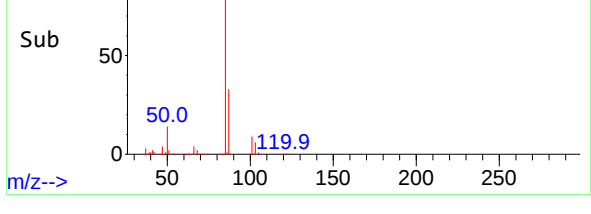
m/z-->

Abundance Scan 35 (2.716 min): VL040288.D\data.ms



m/z-->

Abundance Scan 35 (2.716 min): VL040288.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.182 min Scan# 80

Delta R.T. -0.007 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 49 Resp: 1083383

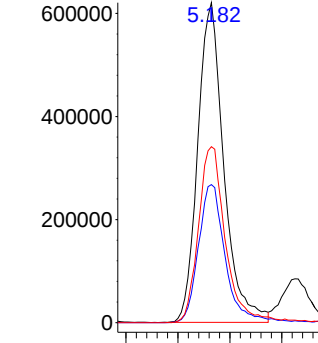
Ion Ratio Lower Upper

49 100

128 44.9 22.4 67.3

130 58.0 28.7 86.1

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 8.310 ppbv

RT: 2.716 min Scan# 35

Delta R.T. -0.003 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

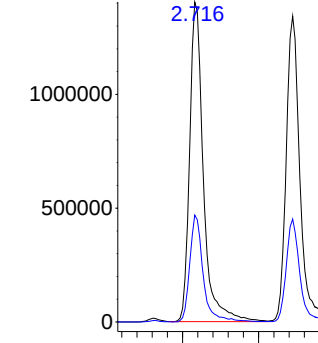
Tgt Ion: 85 Resp: 1766348

Ion Ratio Lower Upper

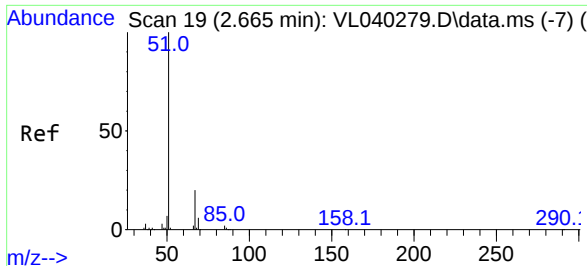
85 100

87 33.3 25.5 38.3

Abundance



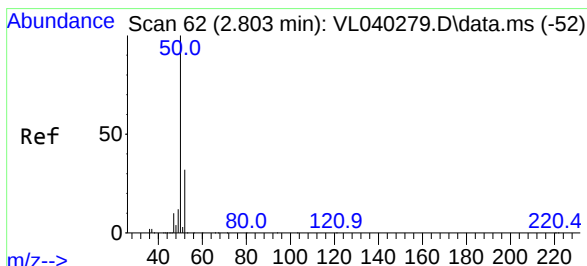
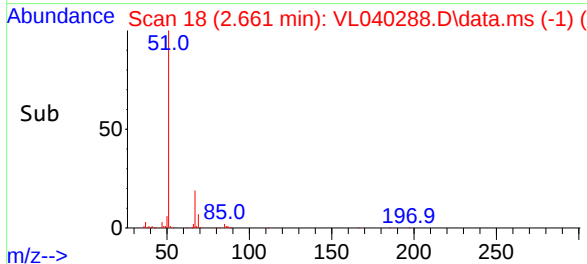
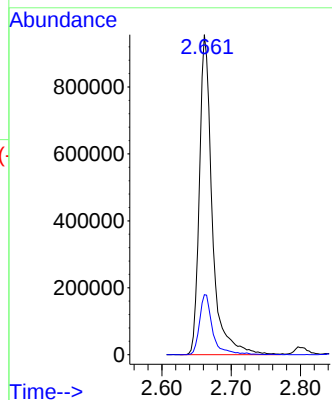
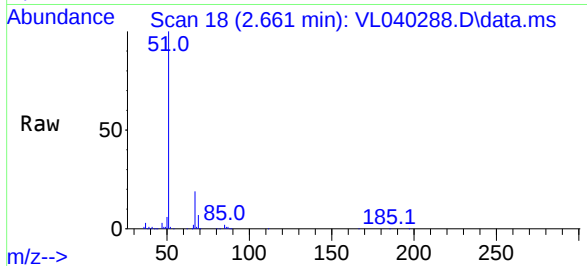
Time-->



#3
Chlorodifluoromethane
Concen: 9.032 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

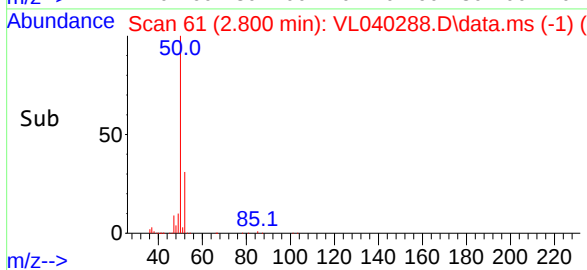
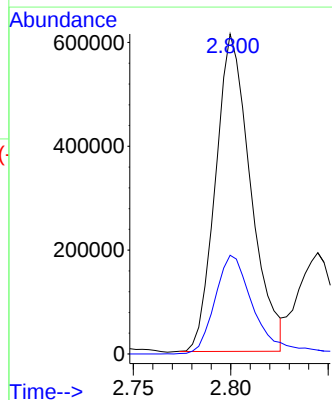
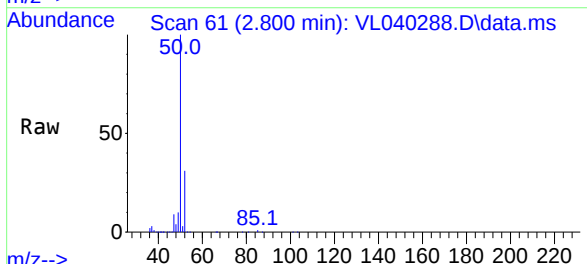
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1230528
Ion Ratio Lower Upper
51 100
67 19.3 16.0 24.0

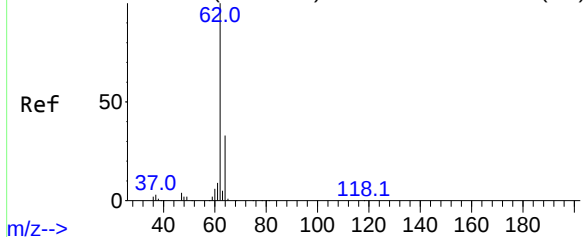


#4
Chloromethane
Concen: 9.113 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 50 Resp: 766628
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9



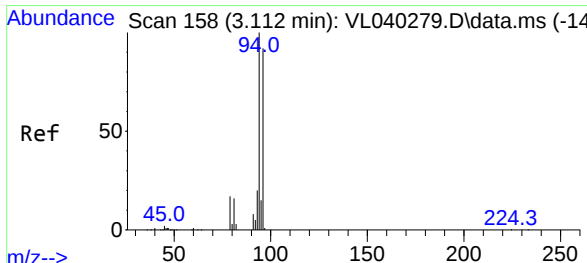
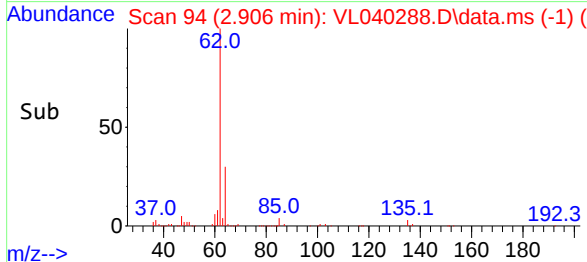
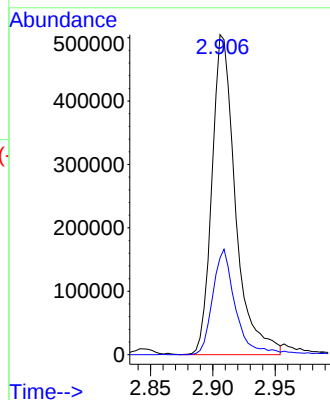
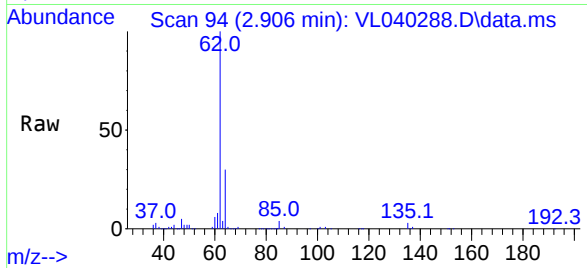
Abundance Scan 96 (2.912 min): VL040279.D\data.ms (-87)



#5
Vinyl Chloride
Concen: 9.753 ppbv
RT: 2.906 min Scan# 94
Delta R.T. -0.006 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

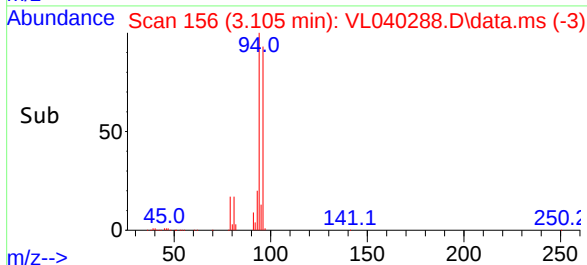
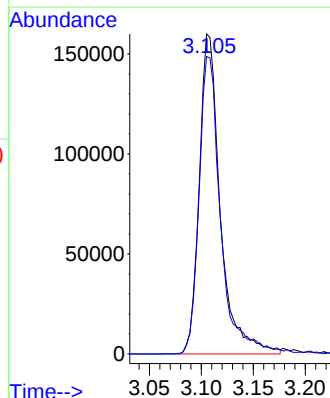
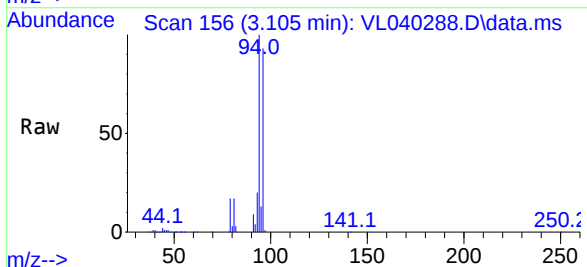
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

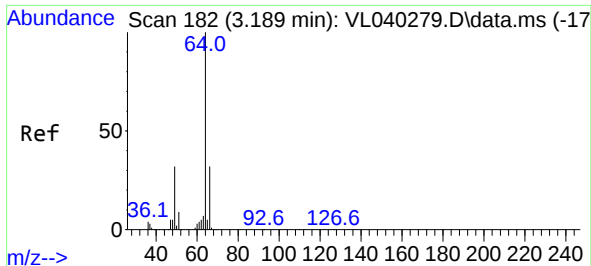
Tgt Ion: 62 Resp: 664285
Ion Ratio Lower Upper
62 100
64 30.3 26.4 39.6



#6
Bromomethane
Concen: 9.555 ppbv
RT: 3.105 min Scan# 156
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 94 Resp: 225701
Ion Ratio Lower Upper
94 100
96 92.8 73.7 110.5

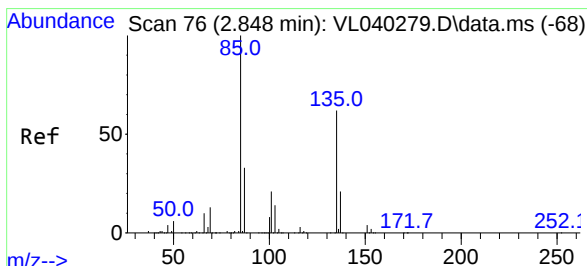
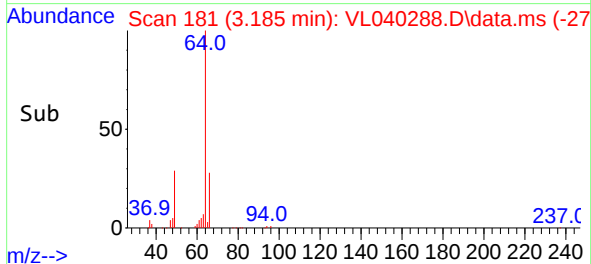
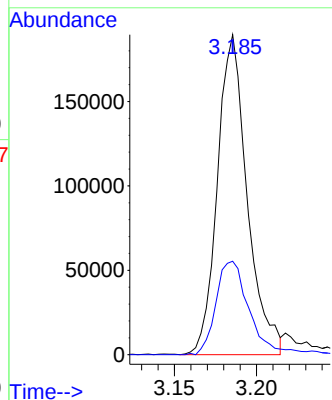
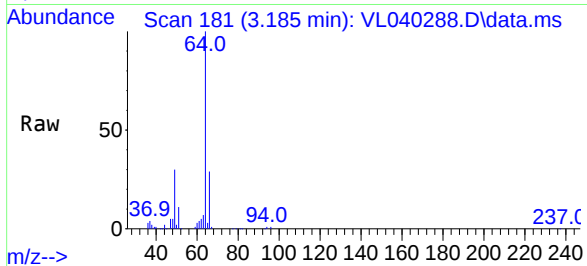




#7
Chloroethane
Concen: 9.156 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

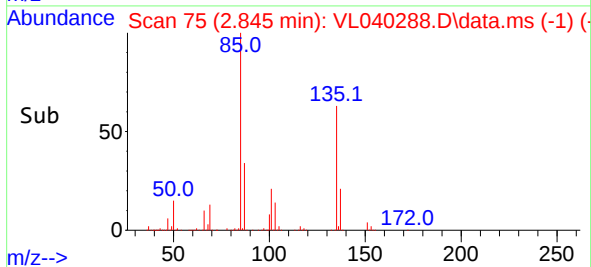
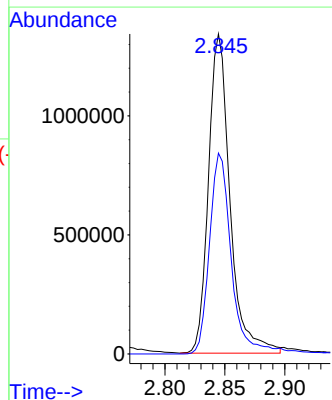
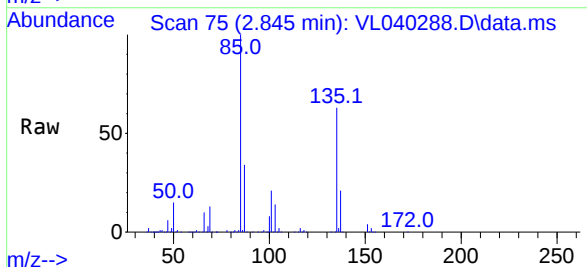
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 239426
Ion Ratio Lower Upper
64 100
66 29.2 25.5 38.3

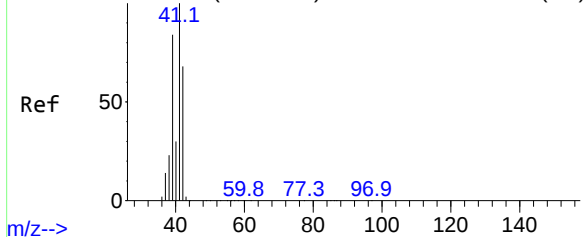


#8
Dichlorotetrafluoroethane
Concen: 9.194 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 85 Resp: 1672882
Ion Ratio Lower Upper
85 100
135 65.3 52.0 78.0



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 9.716 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.003 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

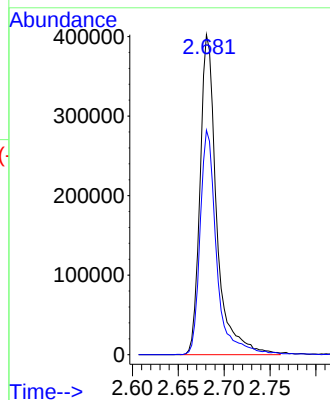
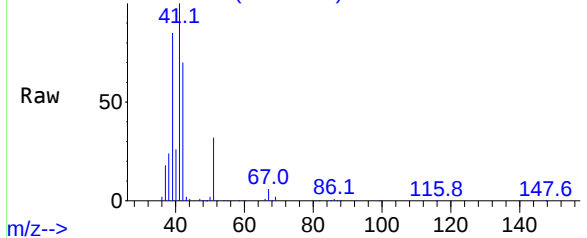
Tgt Ion: 41 Resp: 507103

Ion Ratio Lower Upper

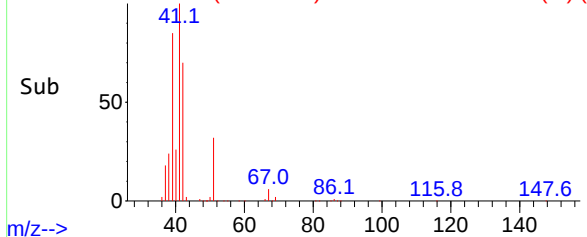
41 100

42 70.4 59.0 88.4

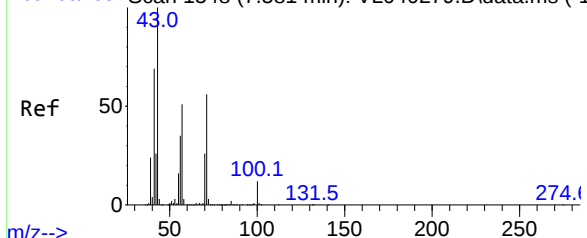
Abundance Scan 24 (2.681 min): VL040288.D\data.ms



Abundance Scan 24 (2.681 min): VL040288.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 10.022 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

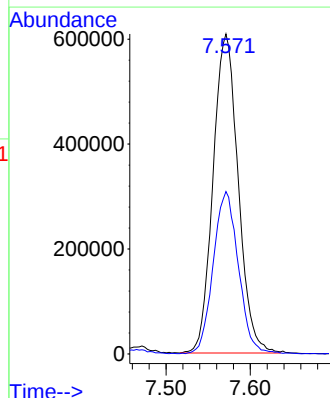
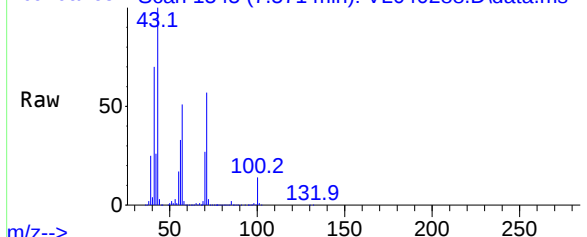
Tgt Ion: 43 Resp: 1258095

Ion Ratio Lower Upper

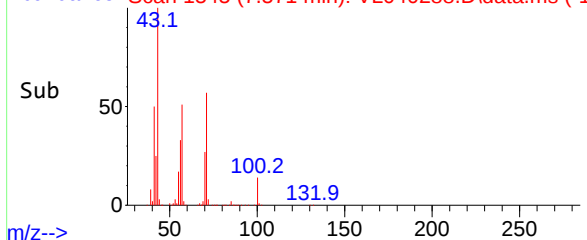
43 100

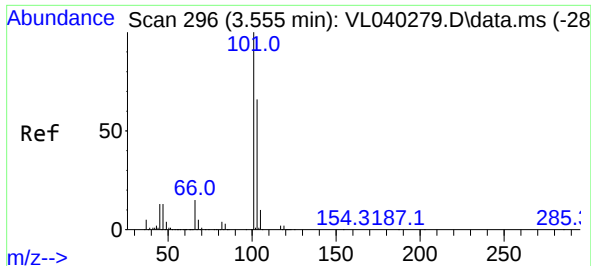
57 51.1 41.7 62.5

Abundance Scan 1545 (7.571 min): VL040288.D\data.ms



Abundance Scan 1545 (7.571 min): VL040288.D\data.ms (-1)

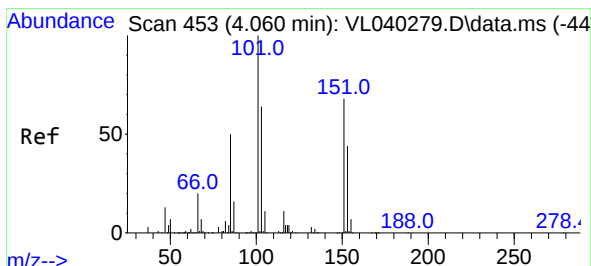
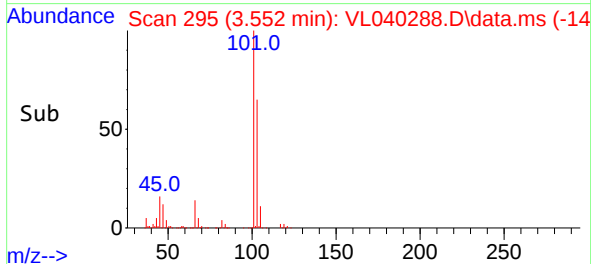
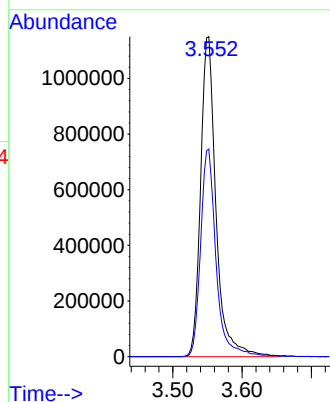
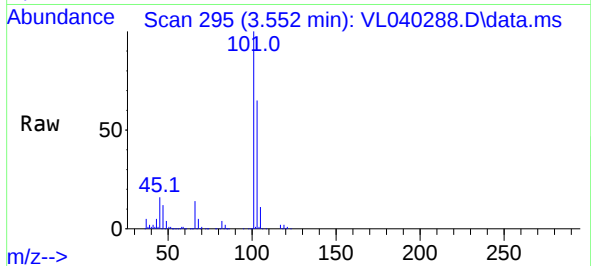




#11
 Trichlorofluoromethane
 Concen: 9.227 ppbv
 RT: 3.552 min Scan# 296
 Delta R.T. -0.003 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

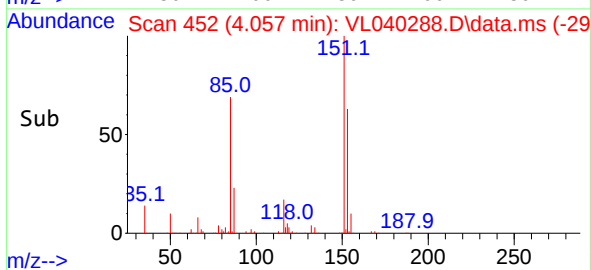
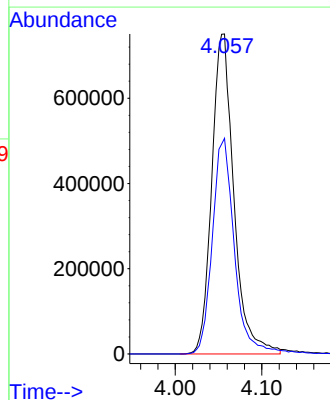
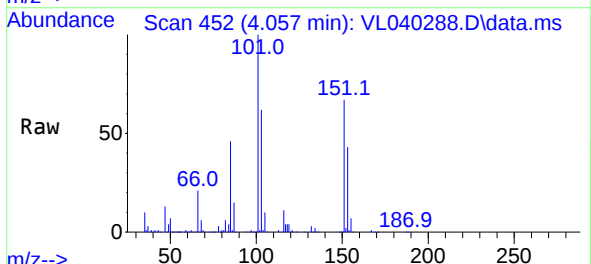
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

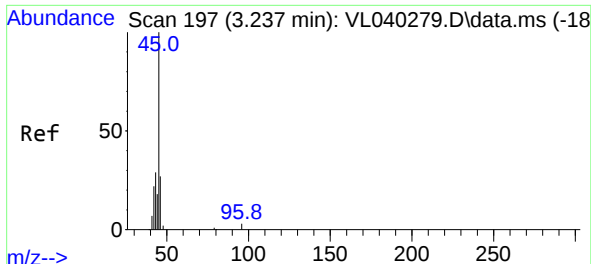
Tgt Ion:101 Resp: 1777056
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.206 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.003 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

Tgt Ion:101 Resp: 1331552
 Ion Ratio Lower Upper
 101 100
 151 67.6 53.2 79.8





#13

Ethanol

Concen: 7.148 ppbv

RT: 3.234 min Scan# 197

Delta R.T. -0.003 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

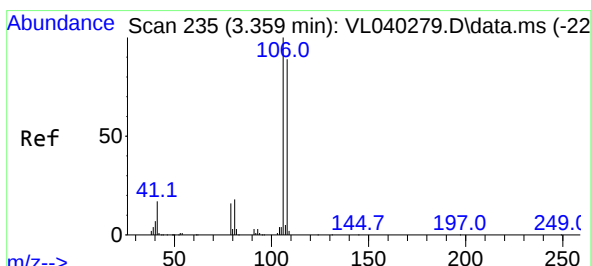
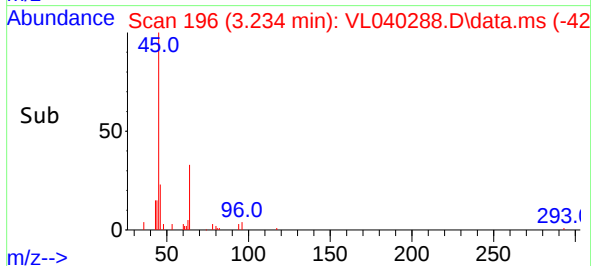
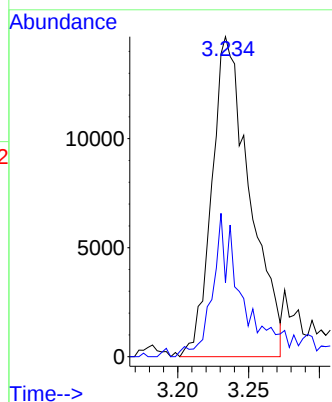
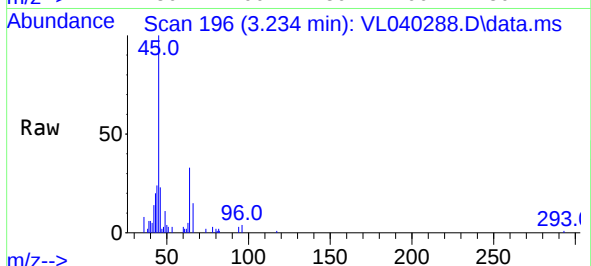
VSTDCCC010

Tgt Ion: 45 Resp: 27360

Ion Ratio Lower Upper

45 100

46 40.4 15.0 60.2



#14

Bromoethene

Concen: 9.640 ppbv

RT: 3.356 min Scan# 234

Delta R.T. -0.003 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

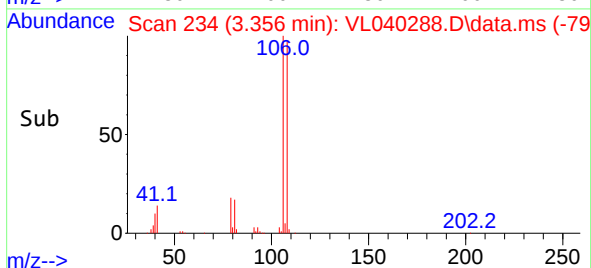
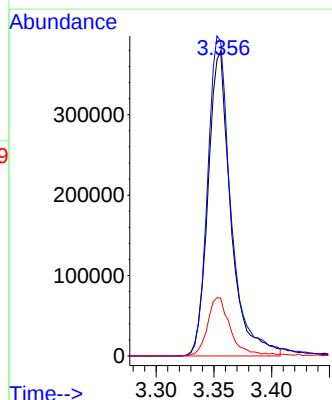
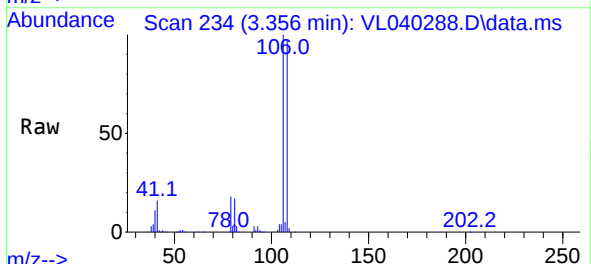
Tgt Ion: 108 Resp: 520090

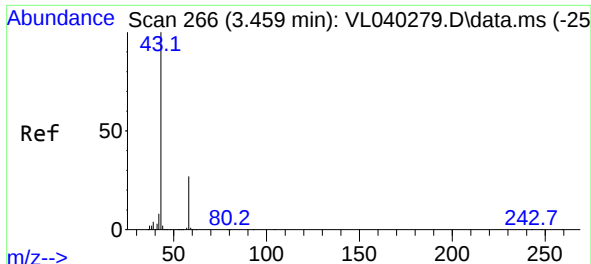
Ion Ratio Lower Upper

108 100

106 110.0 85.8 128.8

79 20.3 15.8 23.6

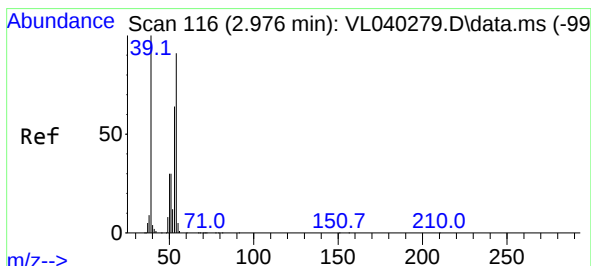
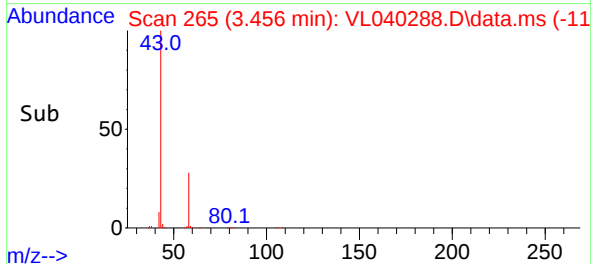
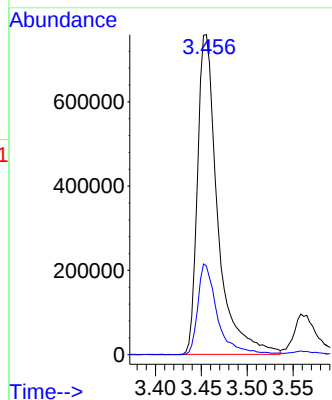
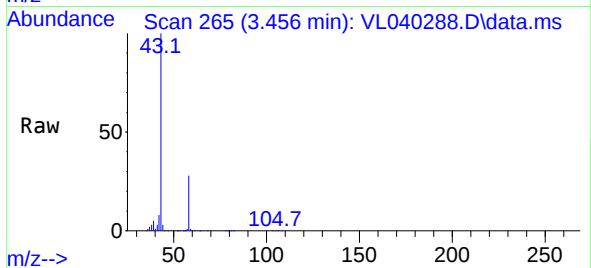




#15
Acetone
Concen: 8.823 ppbv
RT: 3.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

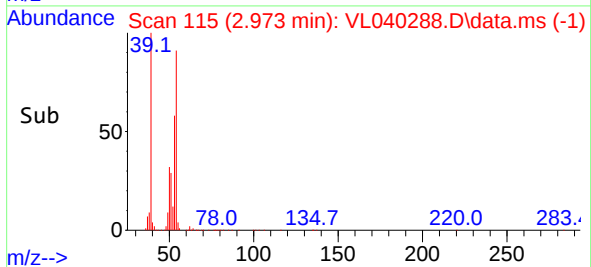
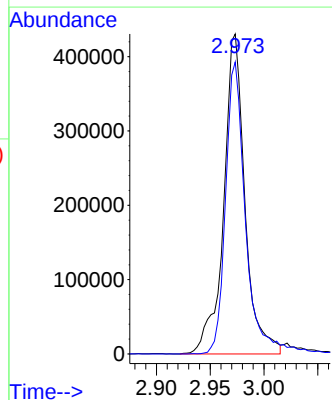
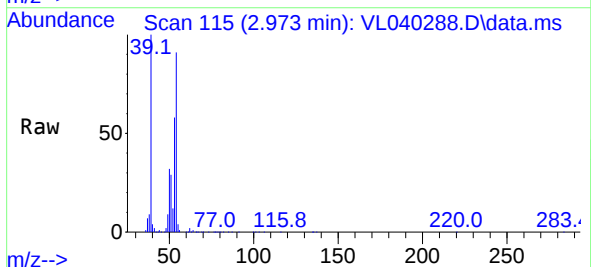
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

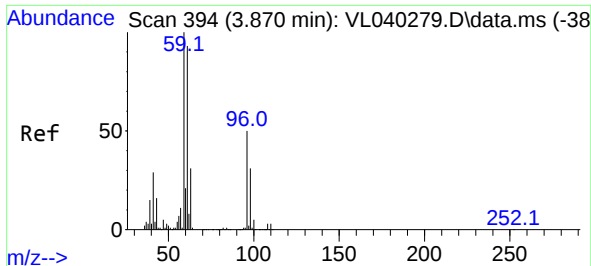
Tgt Ion: 43 Resp: 1163647
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.8



#16
1,3-Butadiene
Concen: 9.896 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 39 Resp: 593301
Ion Ratio Lower Upper
39 100
54 86.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.184 ppbv

RT: 3.864 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

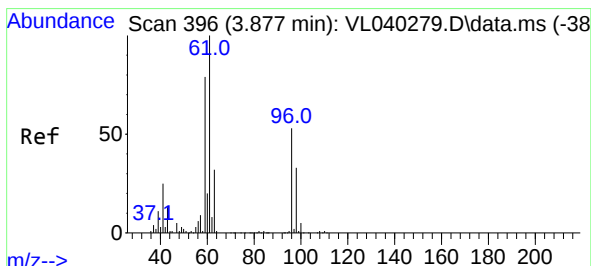
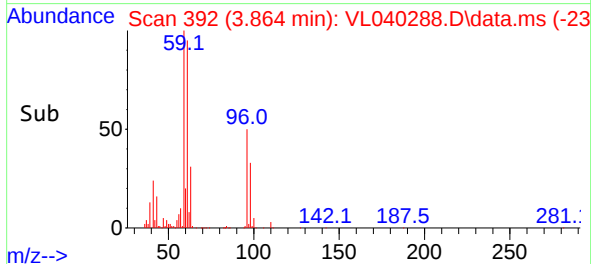
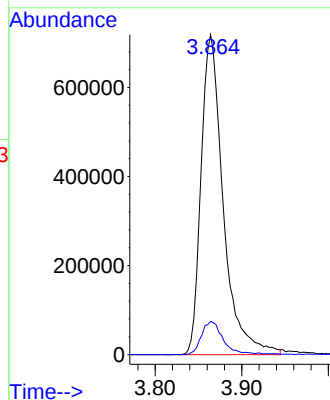
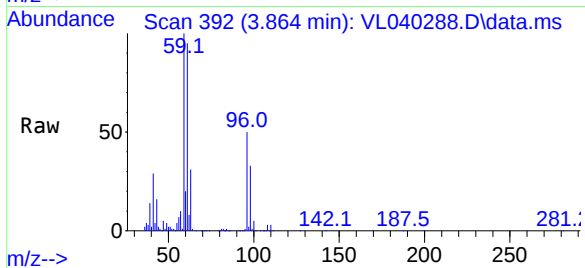
VSTDCCC010

Tgt Ion: 59 Resp: 1276629

Ion Ratio Lower Upper

59 100

57 10.4 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.599 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

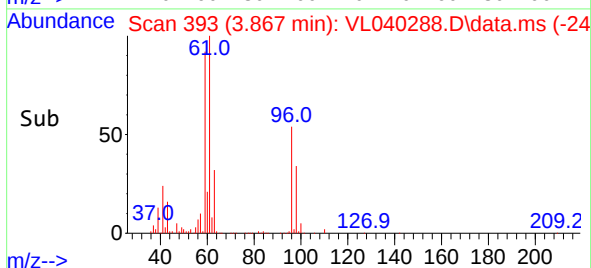
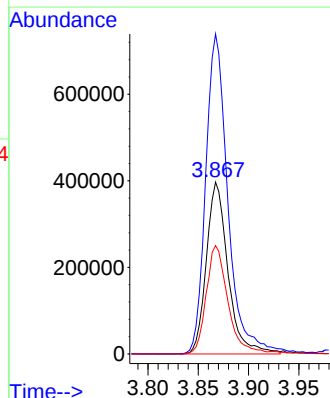
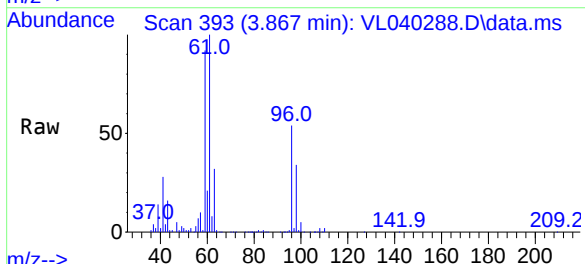
Tgt Ion: 96 Resp: 595631

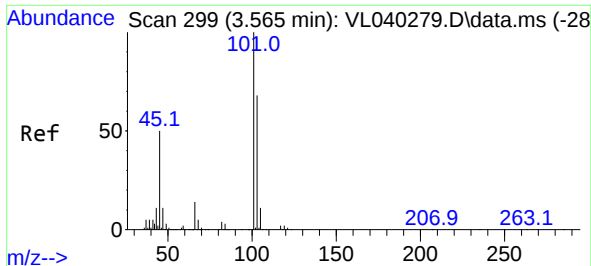
Ion Ratio Lower Upper

96 100

61 186.1 150.6 226.0

98 63.0 50.3 75.5

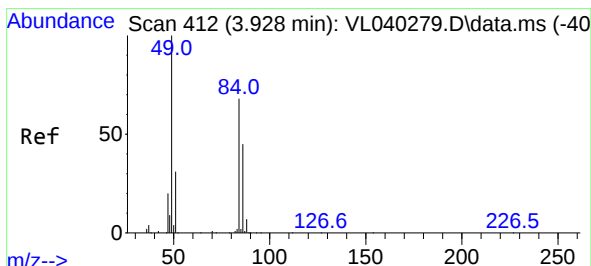
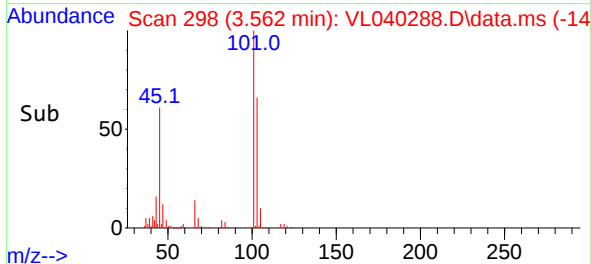
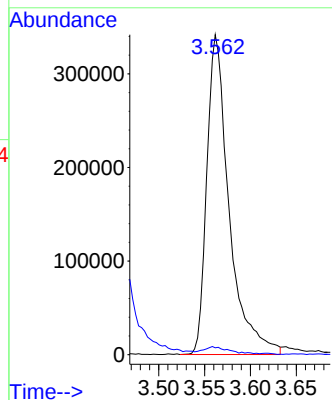
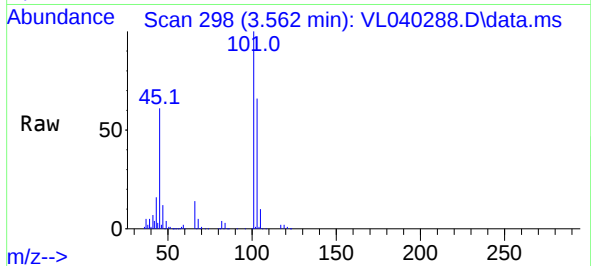




#19
Isopropyl Alcohol
Concen: 9.143 ppbv
RT: 3.562 min Scan# 299
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

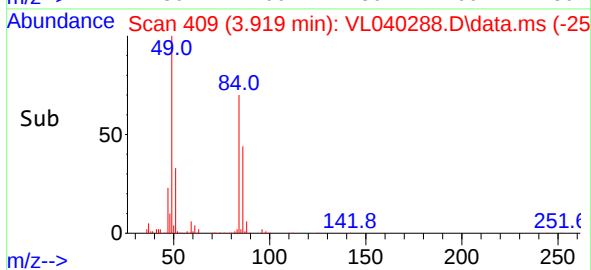
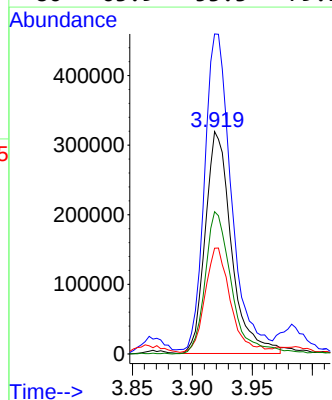
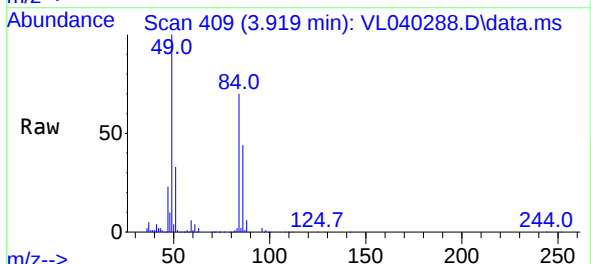
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

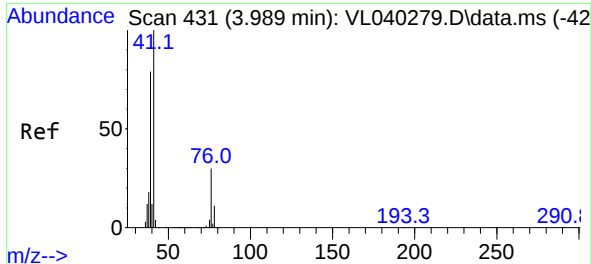
Tgt Ion: 45 Resp: 577632
Ion Ratio Lower Upper
45 100
58 2.7 2.7 4.1#



#20
Methylene Chloride
Concen: 8.739 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.009 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 84 Resp: 484924
Ion Ratio Lower Upper
84 100
49 142.2 117.5 176.3
51 46.9 36.9 55.3
86 63.9 53.3 79.9

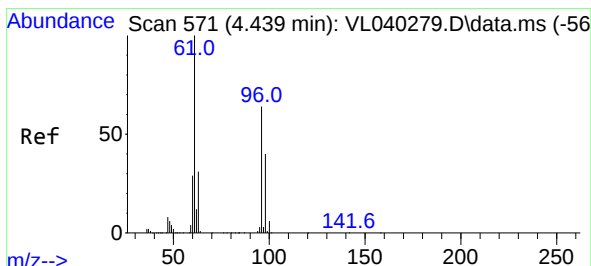
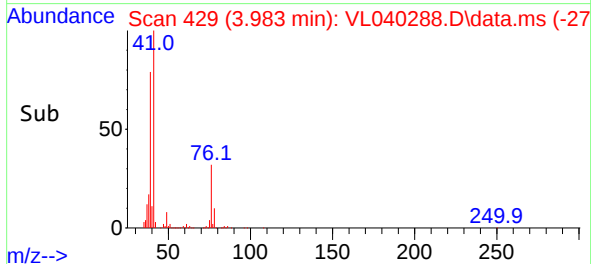
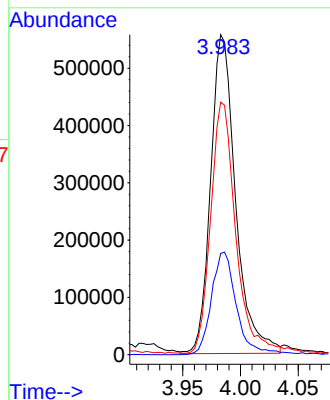
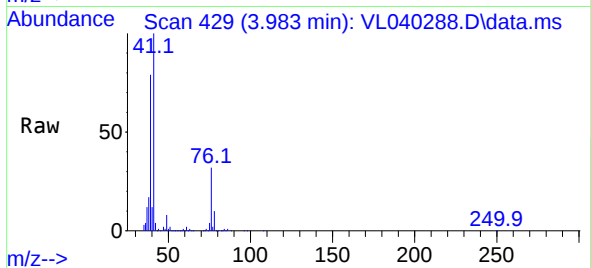




#21
Allyl Chloride
Concen: 9.806 ppbv
RT: 3.983 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

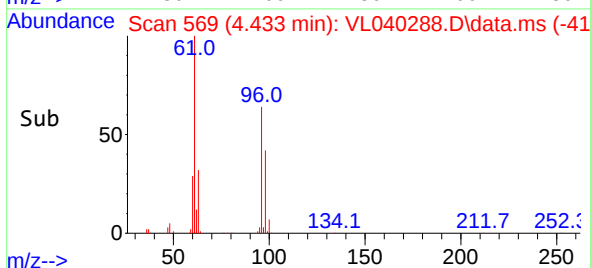
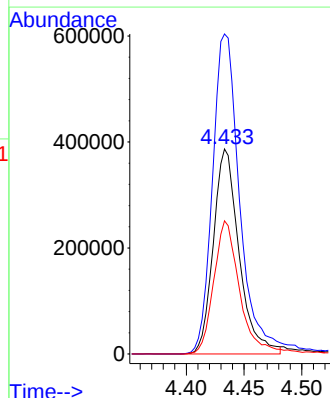
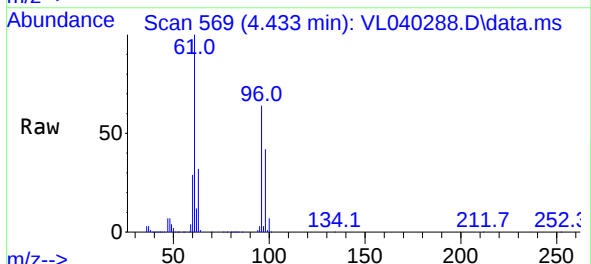
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

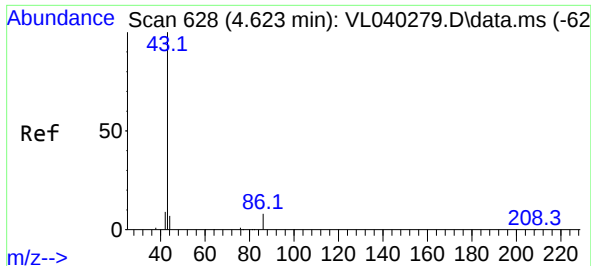
Tgt Ion: 41 Resp: 837792
Ion Ratio Lower Upper
41 100
76 32.5 25.4 38.0
39 80.2 65.4 98.2



#22
trans-1,2-Dichloroethene
Concen: 9.514 ppbv
RT: 4.433 min Scan# 569
Delta R.T. -0.006 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 96 Resp: 600862
Ion Ratio Lower Upper
96 100
61 156.2 125.4 188.2
98 65.0 49.8 74.6



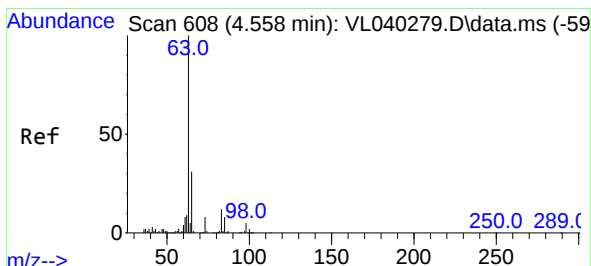
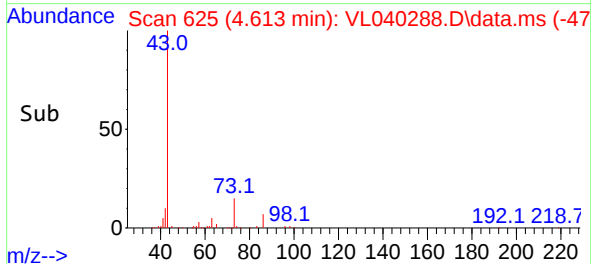
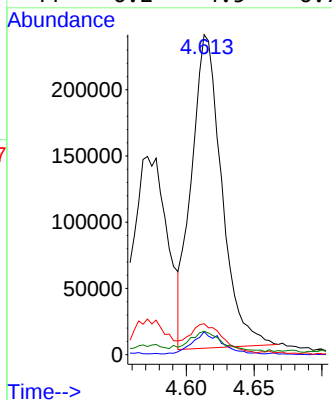
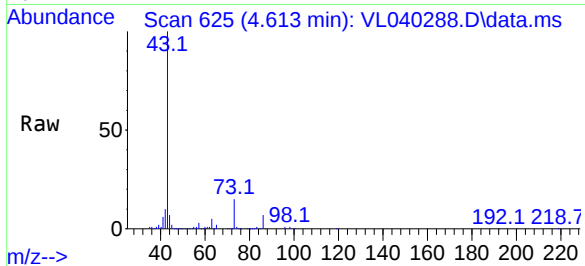


#23
 Vinyl Acetate
 Concen: 10.012 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 367364

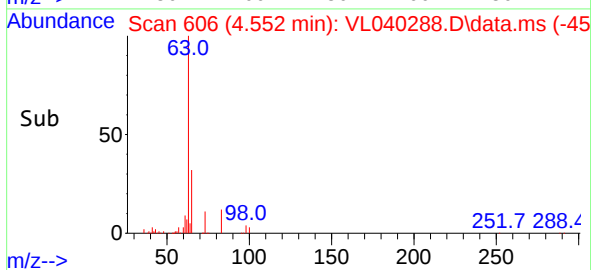
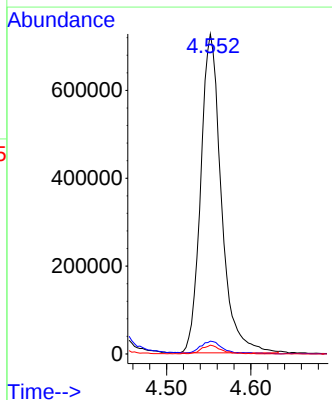
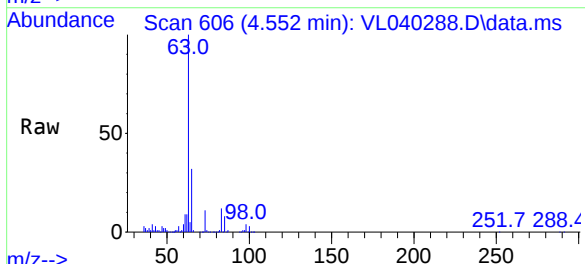
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.0	7.4
42	9.3	9.1	13.7
44	6.2	4.5	6.7

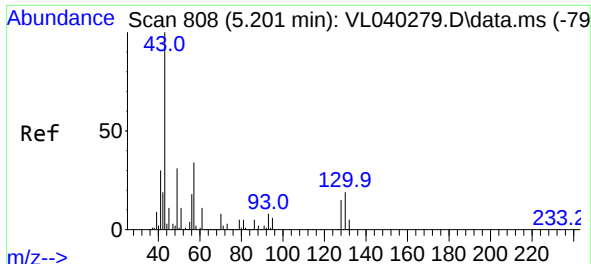


#24
 1,1-Dichloroethane
 Concen: 9.438 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

Tgt Ion: 63 Resp: 1235310

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.4	7.2
100	2.7	1.2	3.6



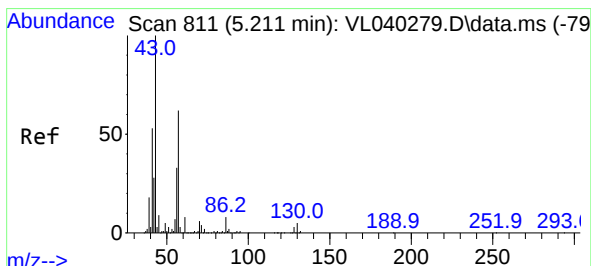
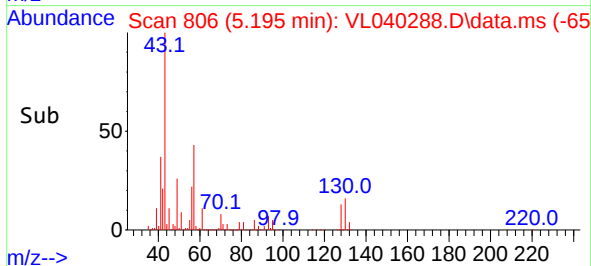
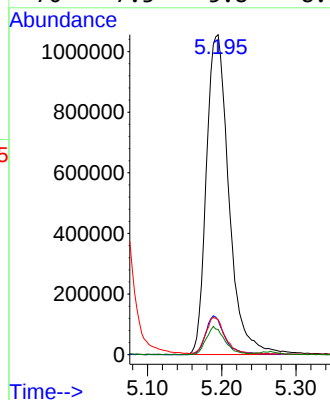
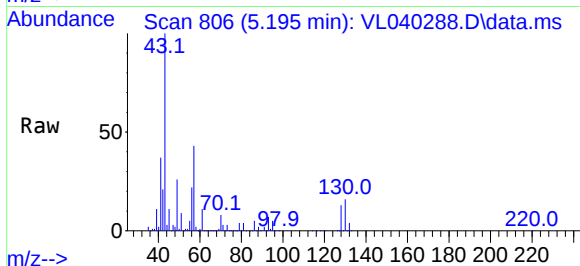


#25
Ethyl Acetate
Concen: 8.967 ppbv
RT: 5.195 min Scan# 808
Delta R.T. -0.006 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2214092

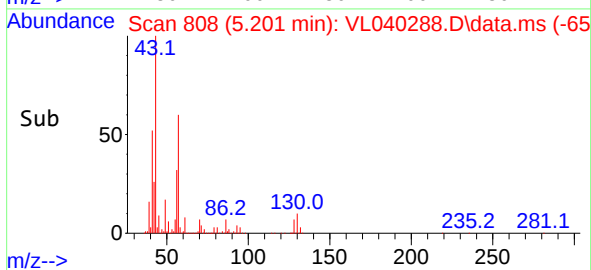
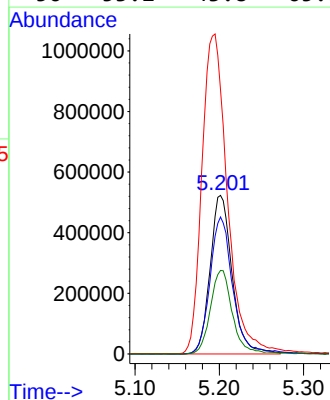
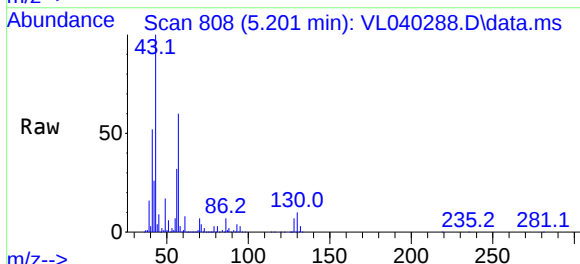
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.6	12.8
61	10.5	8.4	12.6
70	7.3	5.8	8.6

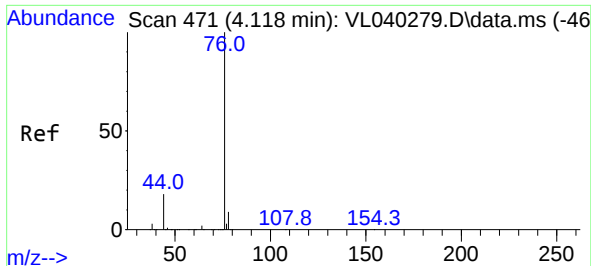


#26
Hexane
Concen: 9.360 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 57 Resp: 948709

Ion	Ratio	Lower	Upper
57	100		
41	89.8	73.5	110.3
43	235.9	196.3	294.5
56	53.2	43.8	65.8

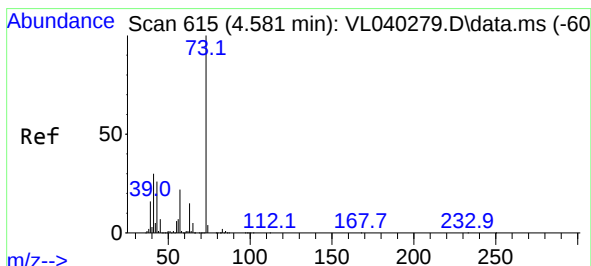
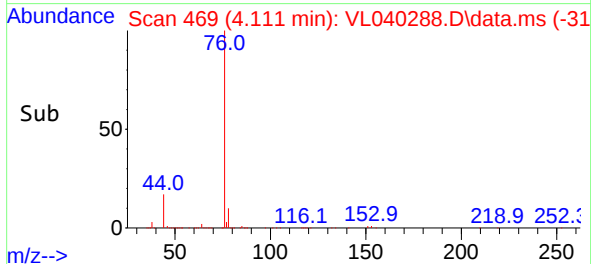
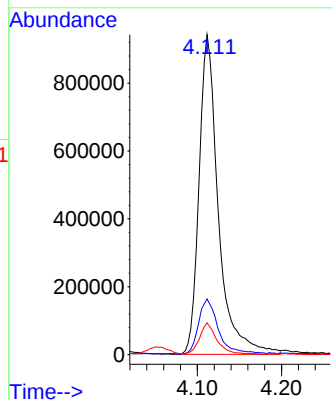
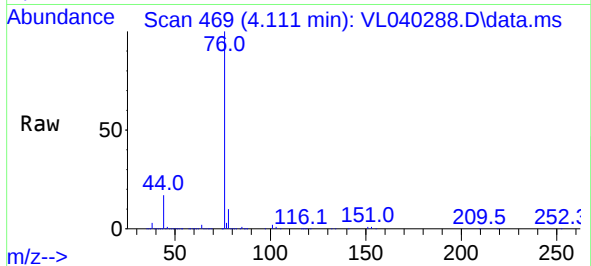




#27
Carbon Disulfide
Concen: 10.609 ppbv
RT: 4.111 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

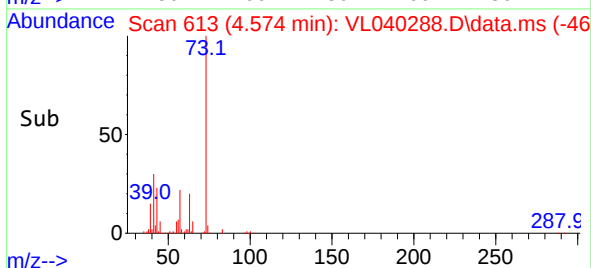
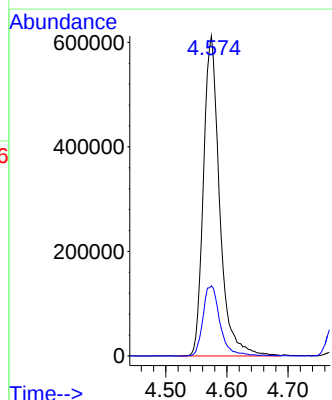
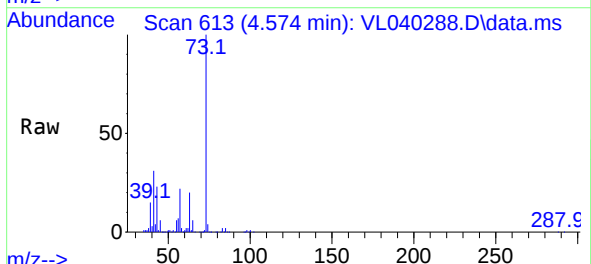
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

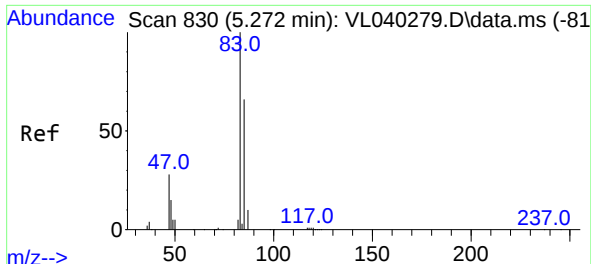
Tgt Ion: 76 Resp: 1501965
Ion Ratio Lower Upper
76 100
44 17.7 15.2 22.8
78 9.2 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.677 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 73 Resp: 1126233
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29

Chloroform

Concen: 8.449 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

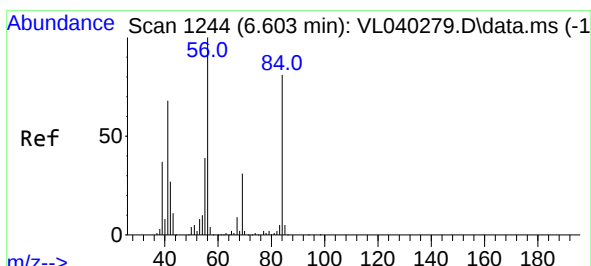
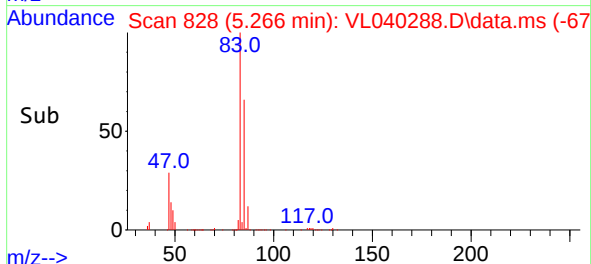
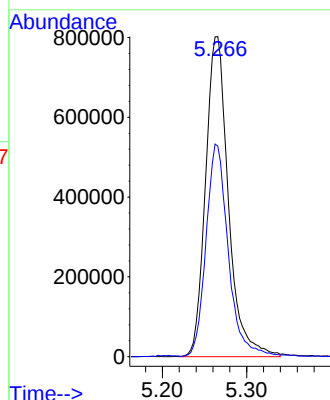
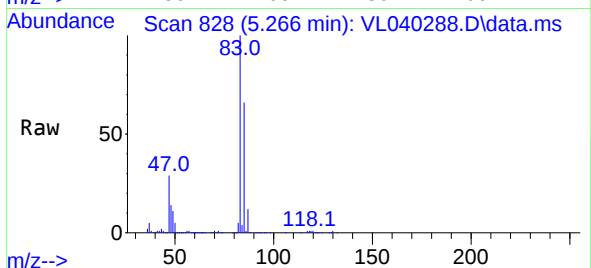
VSTDCCC010

Tgt Ion: 83 Resp: 1512148

Ion Ratio Lower Upper

83 100

85 65.7 52.8 79.2



#30

Cyclohexane

Concen: 10.023 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.009 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

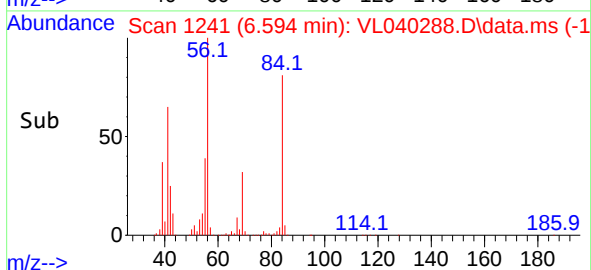
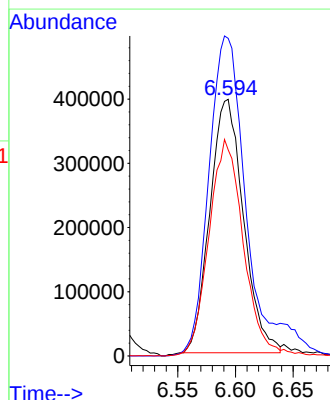
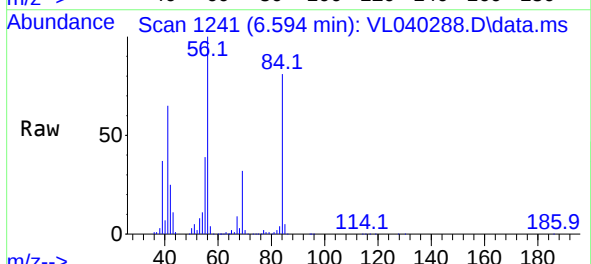
Tgt Ion: 84 Resp: 800531

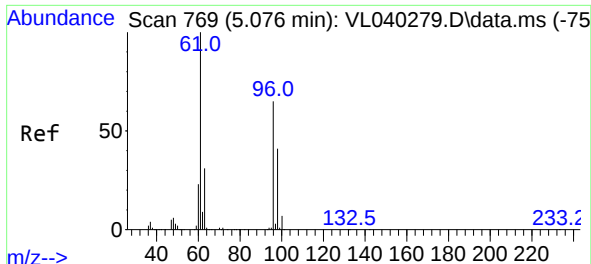
Ion Ratio Lower Upper

84 100

56 142.7 109.0 163.4

41 87.9 67.9 101.9

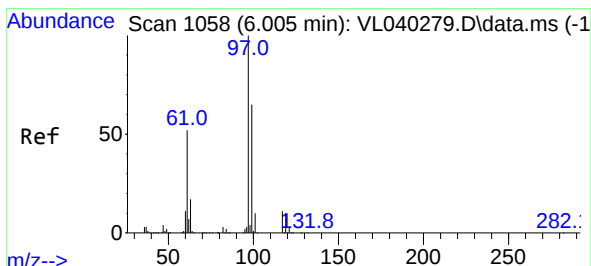
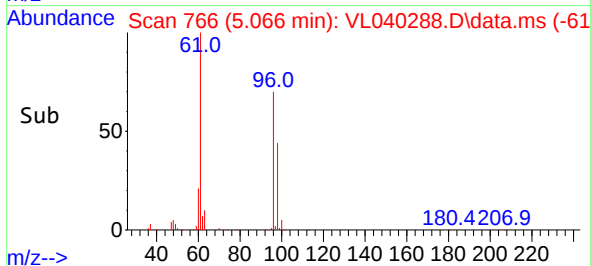
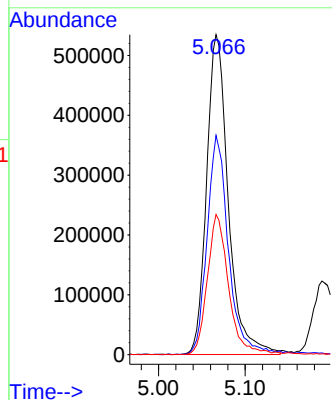
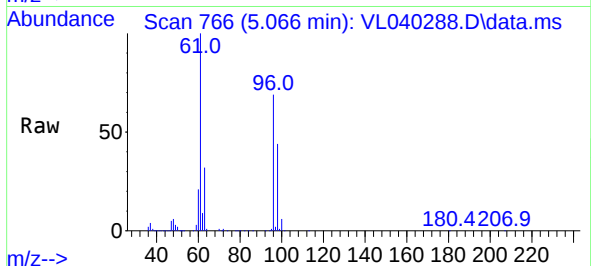




#31
 cis-1,2-Dichloroethene
 Concen: 9.421 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. -0.010 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

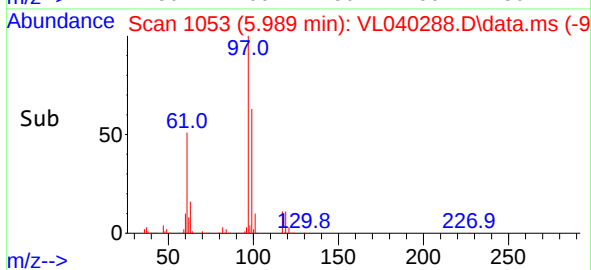
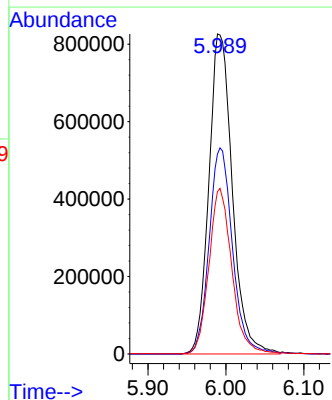
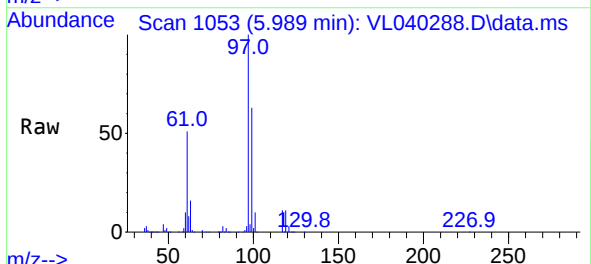
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

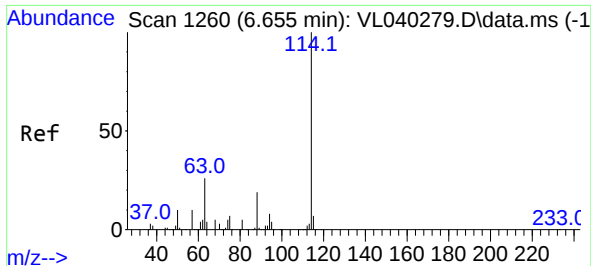
Tgt Ion: 61 Resp: 929933
 Ion Ratio Lower Upper
 61 100
 96 68.4 51.8 77.8
 98 43.7 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 10.079 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.016 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

Tgt Ion: 97 Resp: 1728251
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.2 78.2
 61 50.8 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

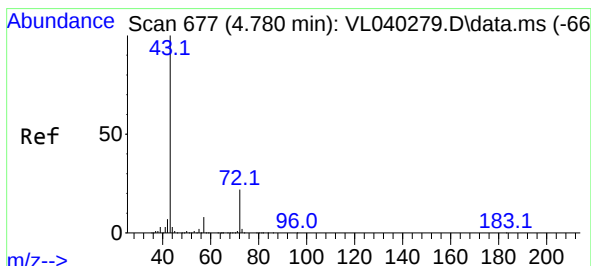
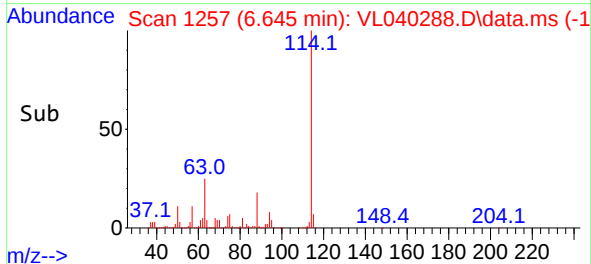
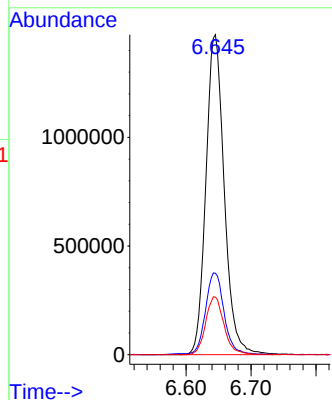
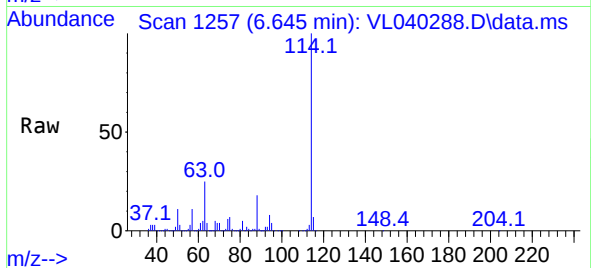
Tgt Ion:114 Resp: 2896544

Ion Ratio Lower Upper

114 100

63 26.3 21.2 31.8

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 9.005 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.006 min

Lab File: VL040288.D

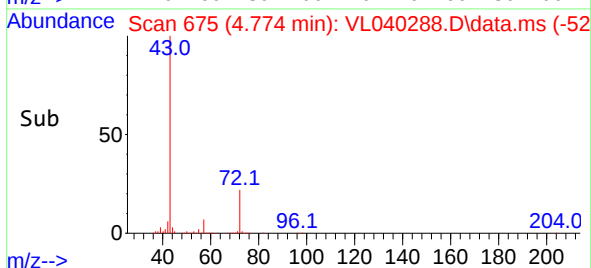
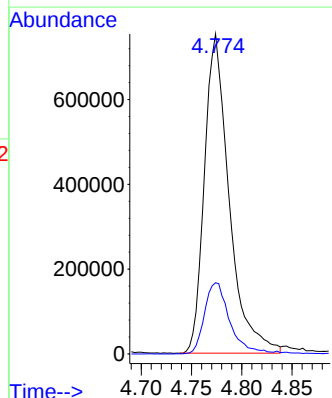
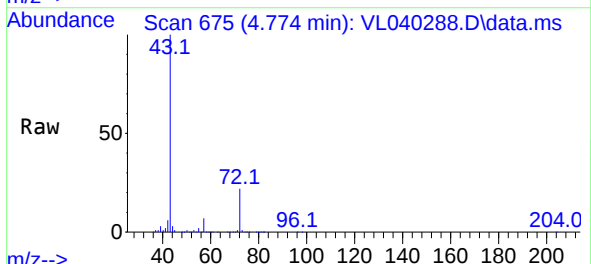
Acq: 16 Mar 2023 9:11

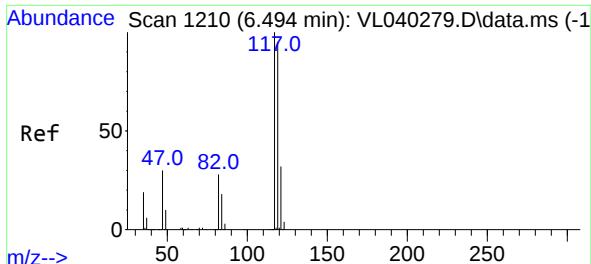
Tgt Ion: 43 Resp: 1287286

Ion Ratio Lower Upper

43 100

72 23.5 18.3 27.5



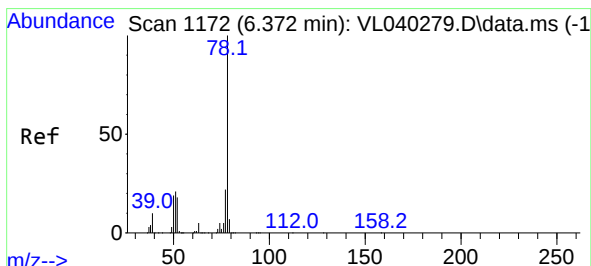
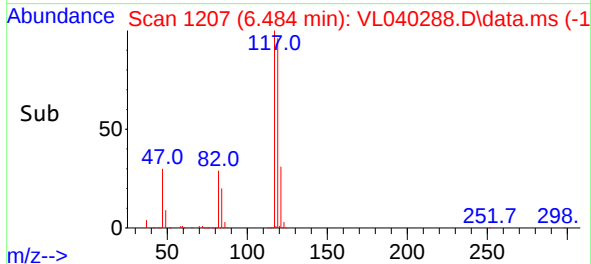
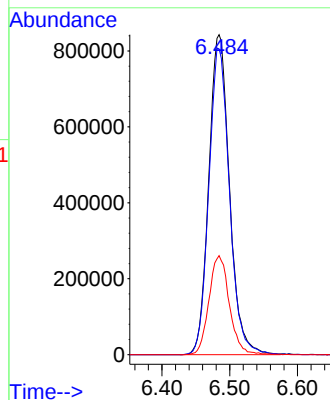
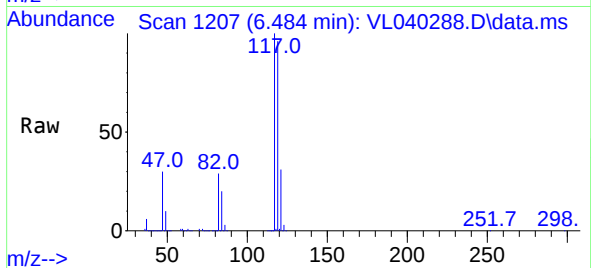


#35
Carbon Tetrachloride
Concen: 9.831 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 1786960

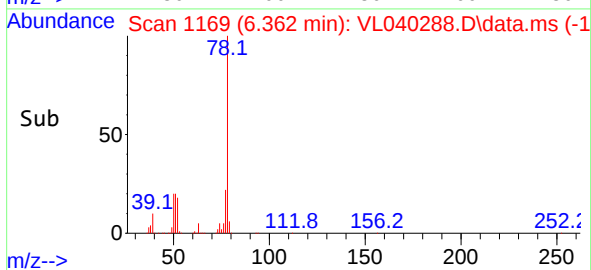
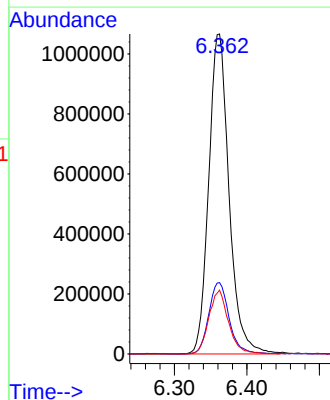
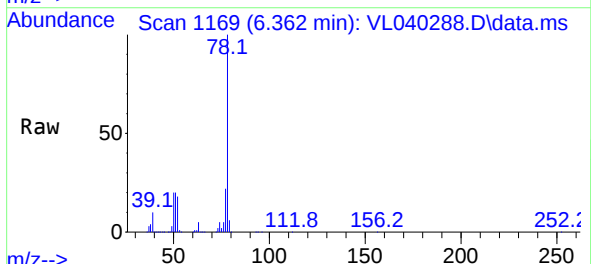
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.4	114.6
121	31.0	25.6	38.4

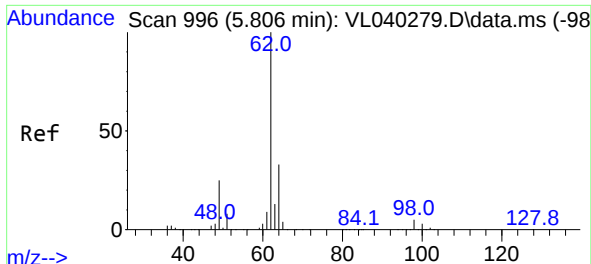


#36
Benzene
Concen: 9.401 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 78 Resp: 2075248

Ion	Ratio	Lower	Upper
78	100		
77	22.3	17.8	26.8
50	19.9	15.4	23.2

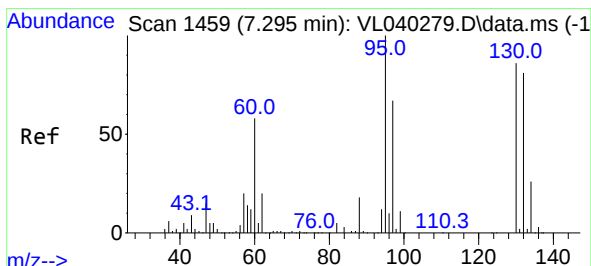
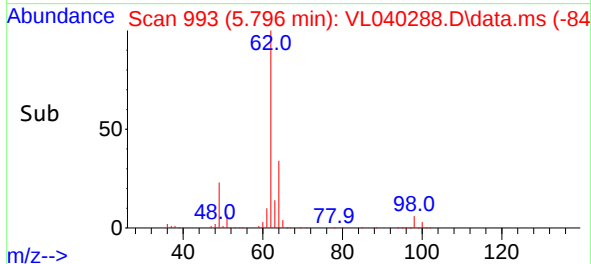
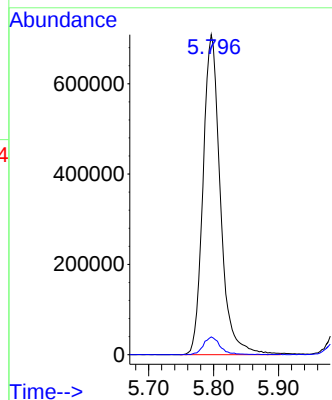
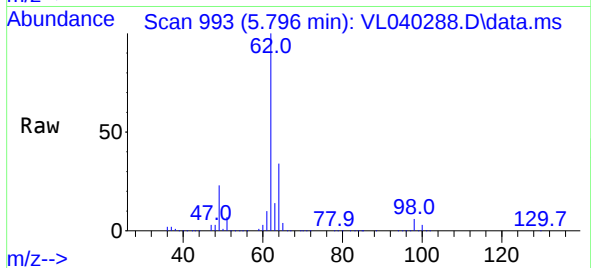




#37
1,2-Dichloroethane
Concen: 9.179 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

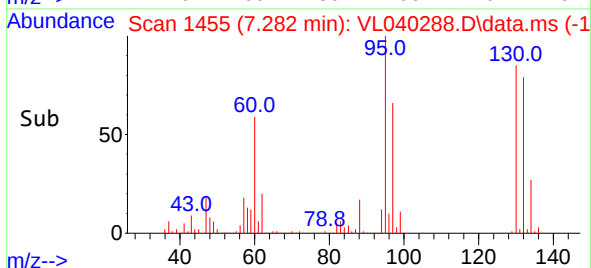
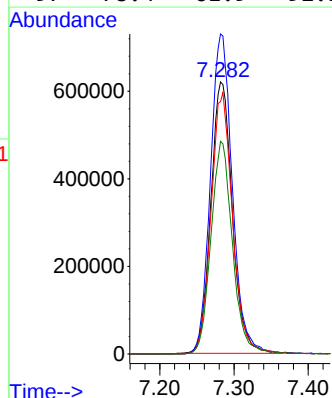
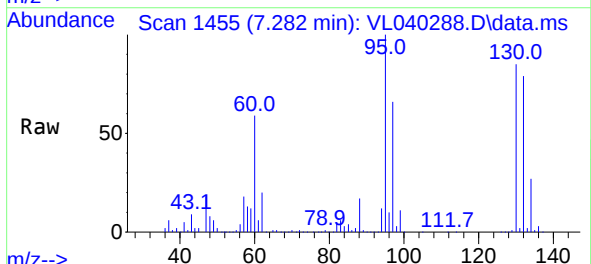
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

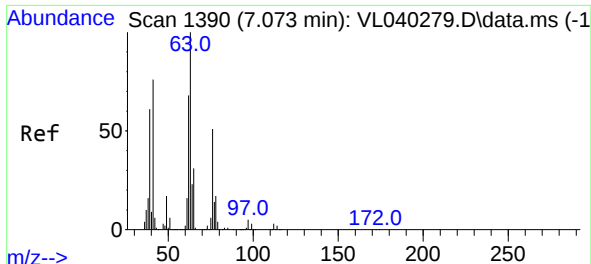
Tgt Ion: 62 Resp: 1318713
Ion Ratio Lower Upper
62 100
98 5.5 4.3 6.5



#38
Trichloroethene
Concen: 10.336 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:130 Resp: 1246804
Ion Ratio Lower Upper
130 100
95 117.9 93.0 139.4
132 93.0 75.3 112.9
97 78.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.159 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

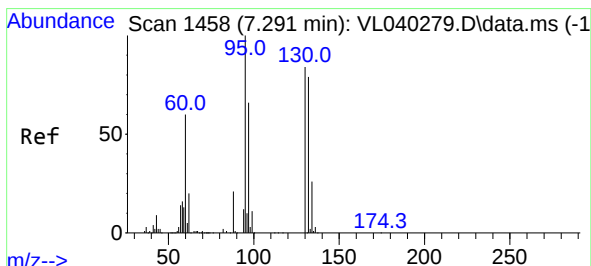
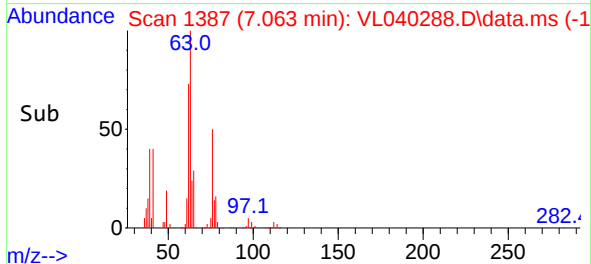
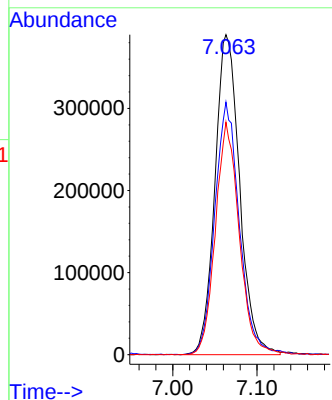
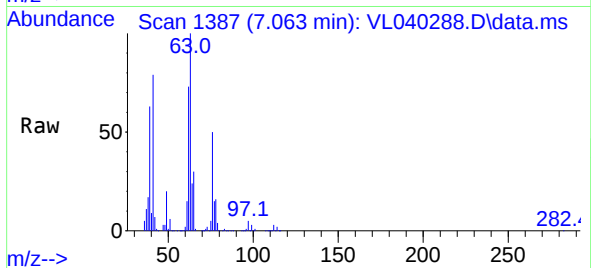
Tgt Ion: 63 Resp: 793242

Ion Ratio Lower Upper

63 100

41 78.9 60.8 91.2

62 72.6 54.1 81.1



#40

1,4-Dioxane

Concen: 8.743 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.012 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Tgt Ion: 88 Resp: 299556

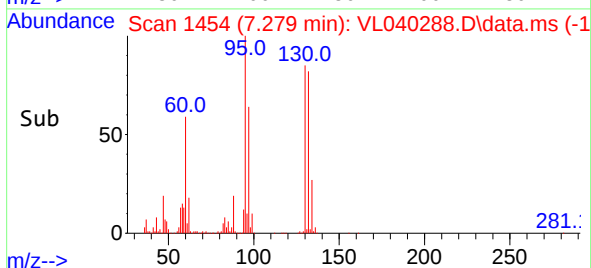
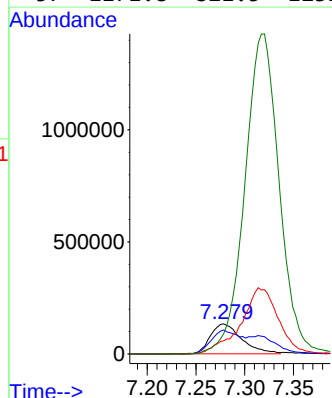
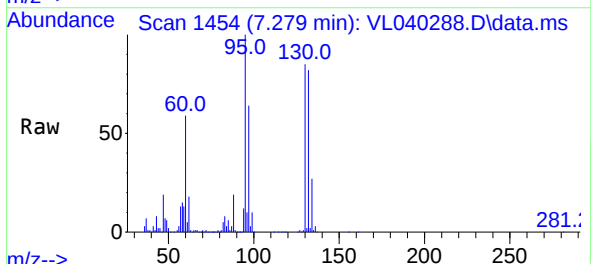
Ion Ratio Lower Upper

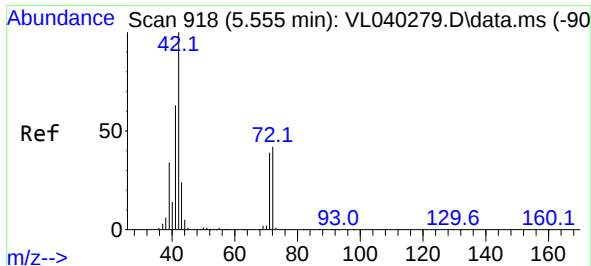
88 100

58 129.0 96.0 144.0

43 265.9 187.6 281.4

57 1171.8 821.5 1232.3





#41

Tetrahydrofuran

Concen: 9.323 ppbv

RT: 5.545 min Scan# 918

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

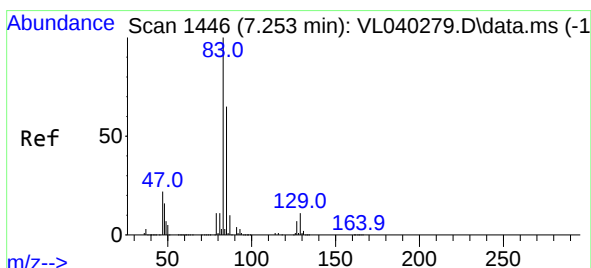
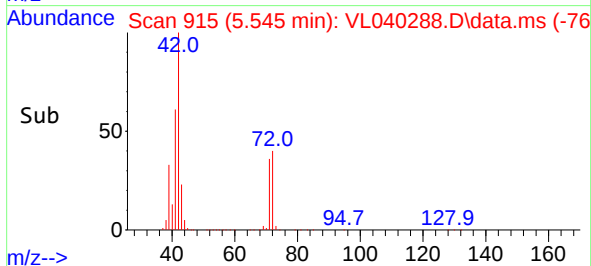
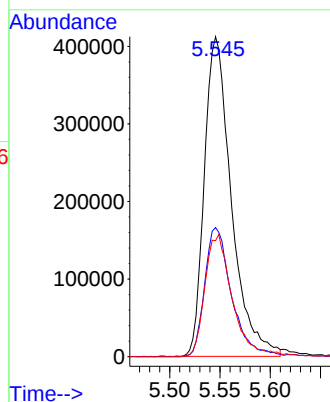
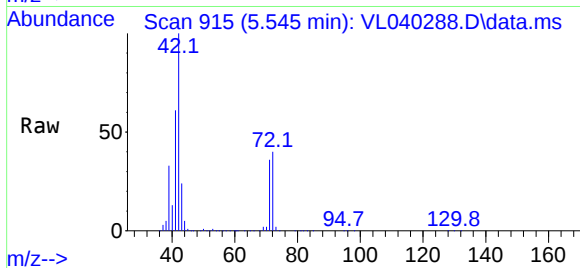
Tgt Ion: 42 Resp: 769155

Ion Ratio Lower Upper

42 100

72 40.8 32.6 49.0

71 39.3 31.0 46.4



#42

Bromodichloromethane

Concen: 9.422 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.013 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

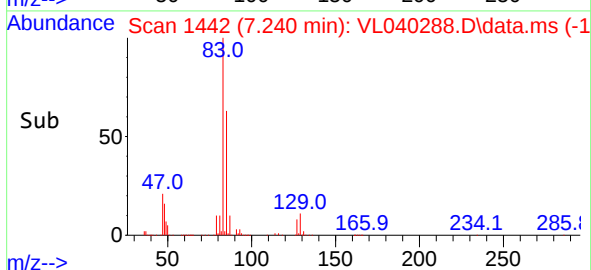
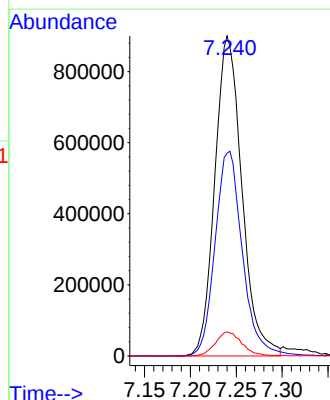
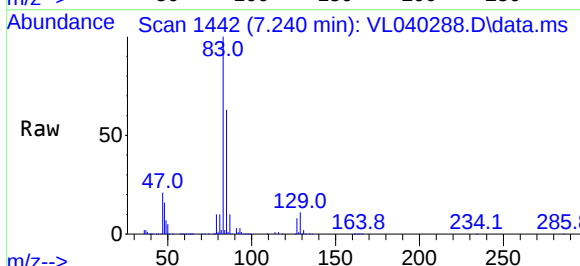
Tgt Ion: 83 Resp: 1849921

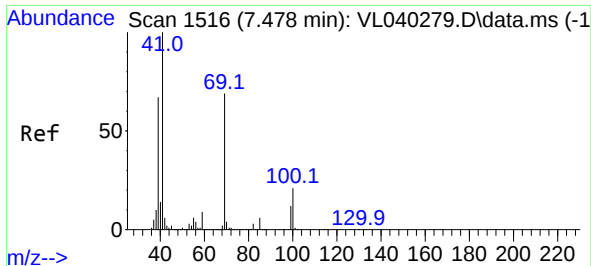
Ion Ratio Lower Upper

83 100

85 63.4 52.1 78.1

127 7.6 5.8 8.6

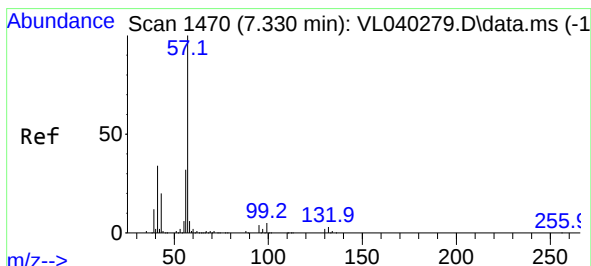
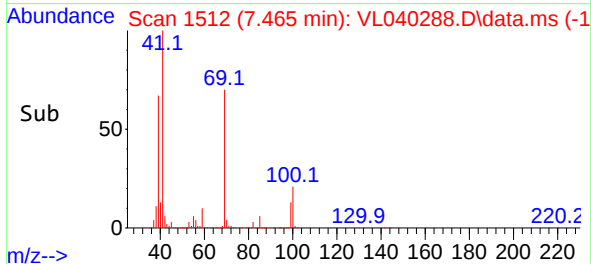
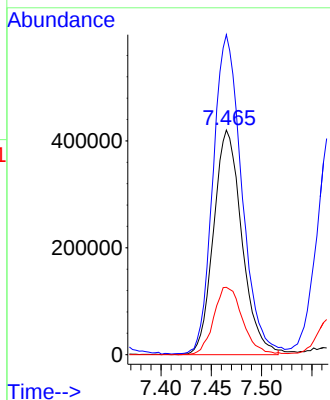
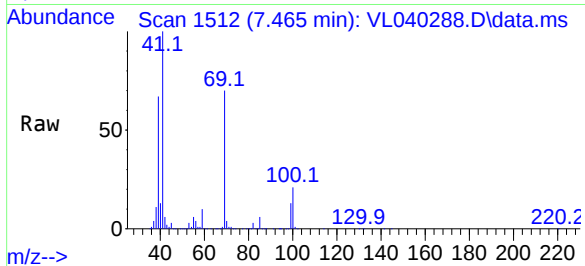




#43
Methyl Methacrylate
Concen: 10.042 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

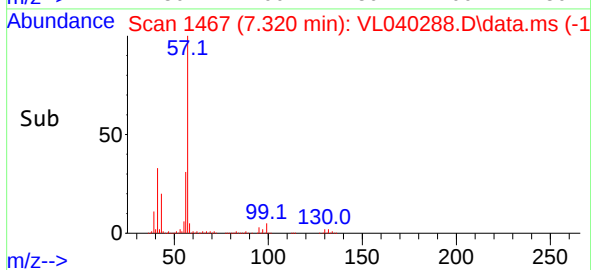
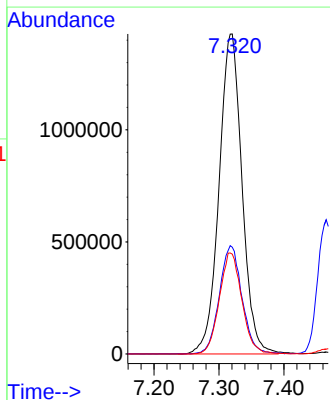
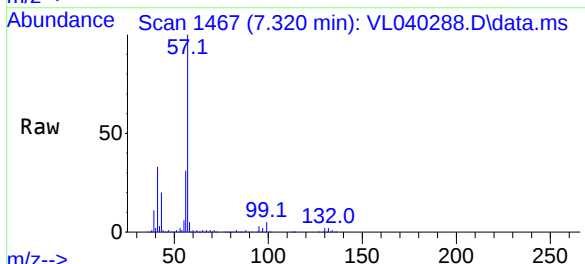
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

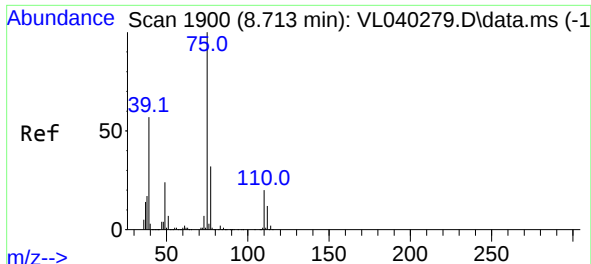
Tgt Ion: 69 Resp: 823775
Ion Ratio Lower Upper
69 100
41 144.9 116.9 175.3
100 30.7 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 9.513 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 57 Resp: 3501229
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.0 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.769 ppbv

RT: 8.706 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

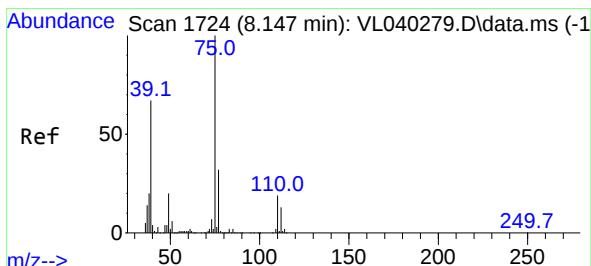
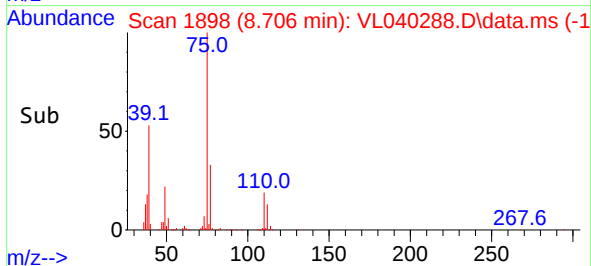
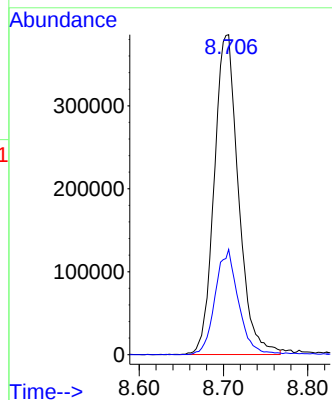
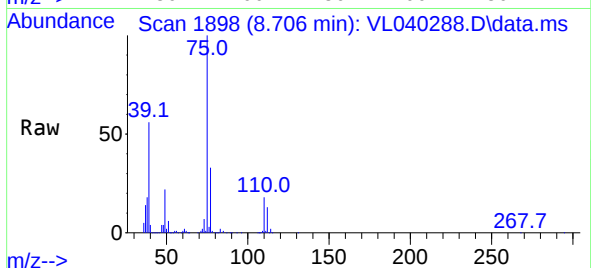
VSTDCCC010

Tgt Ion: 75 Resp: 770074

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 10.496 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

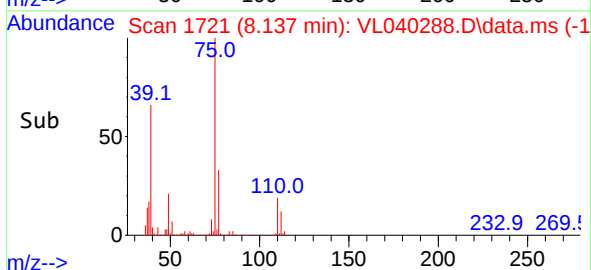
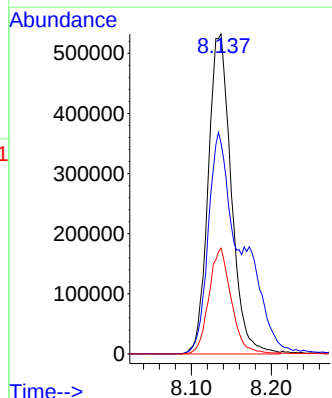
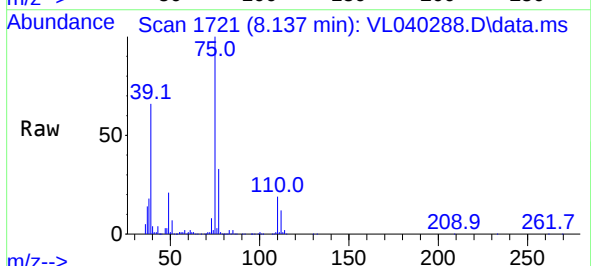
Tgt Ion: 75 Resp: 1065870

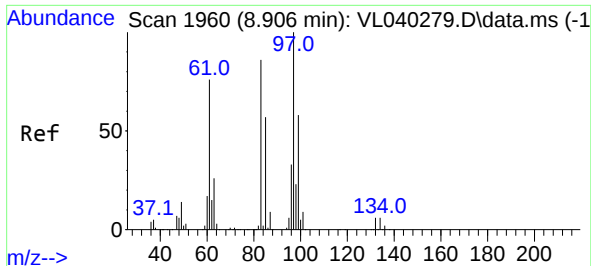
Ion Ratio Lower Upper

75 100

39 65.8 53.9 80.9

77 33.1 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.154 ppbv

RT: 8.893 min Scan# 1960

Delta R.T. -0.013 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 845910

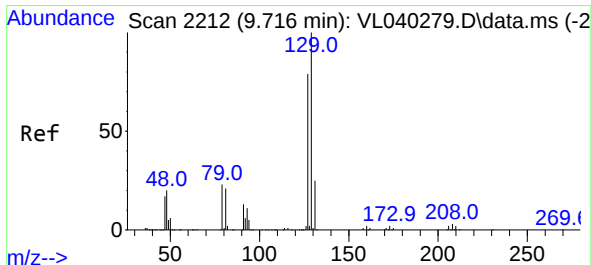
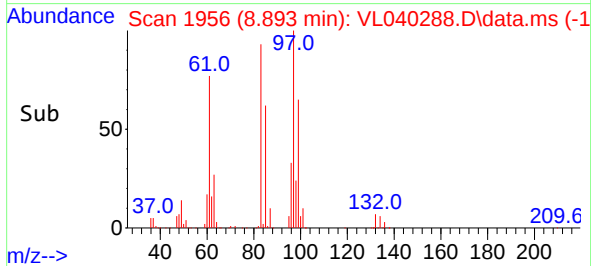
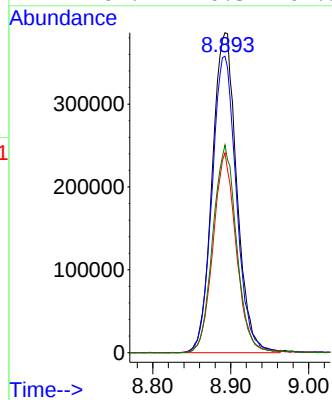
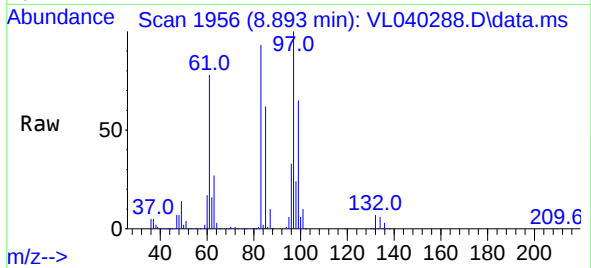
Ion Ratio Lower Upper

97 100

83 92.6 68.6 103.0

85 62.4 46.0 69.0

99 64.9 46.3 69.5



#48

Dibromochloromethane

Concen: 9.474 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.013 min

Lab File: VL040288.D

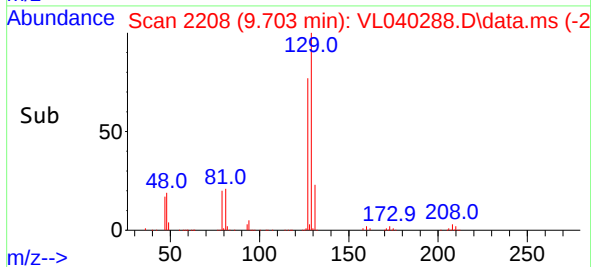
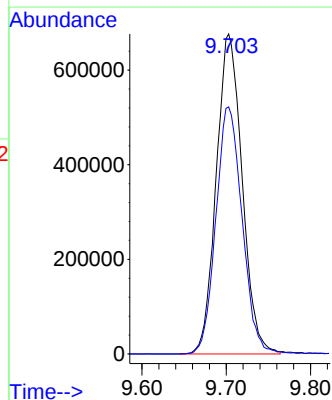
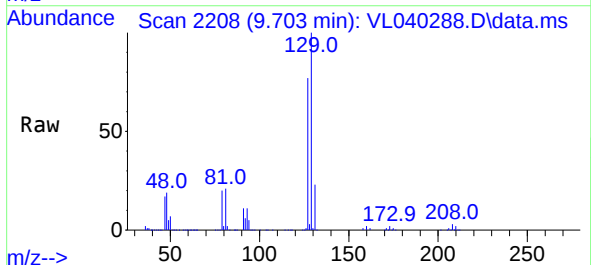
Acq: 16 Mar 2023 9:11

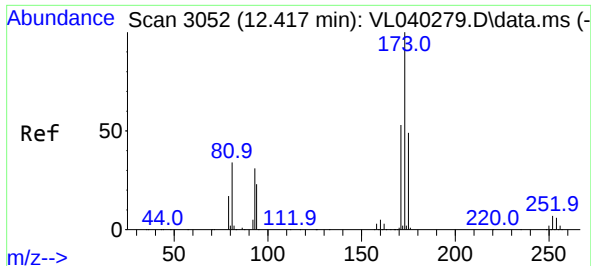
Tgt Ion: 129 Resp: 1440616

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5

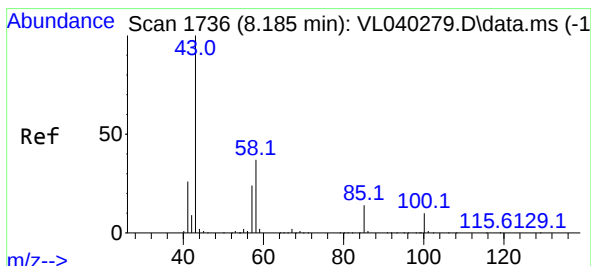
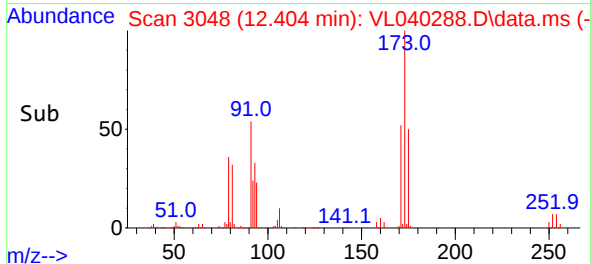
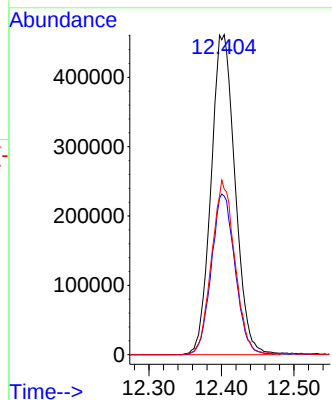
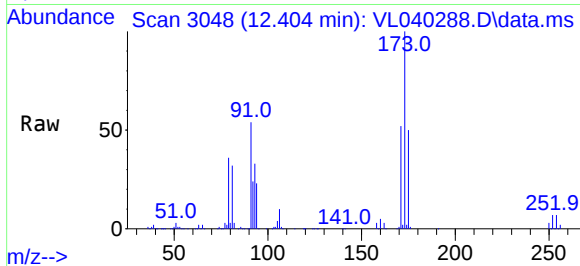




#49
Bromoform
Concen: 9.312 ppbv
RT: 12.404 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

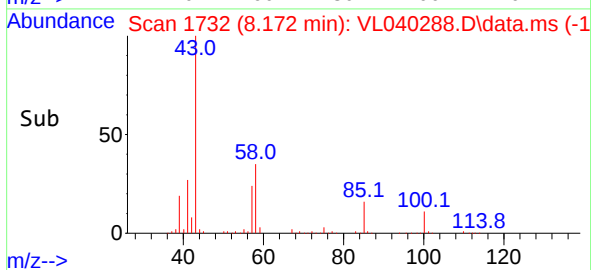
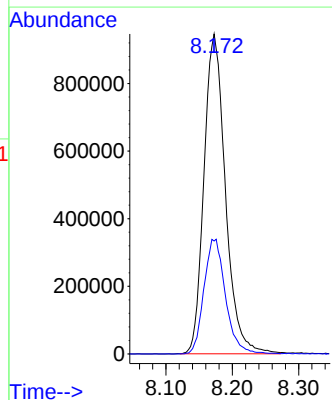
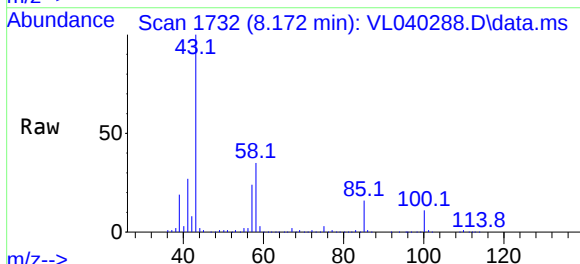
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

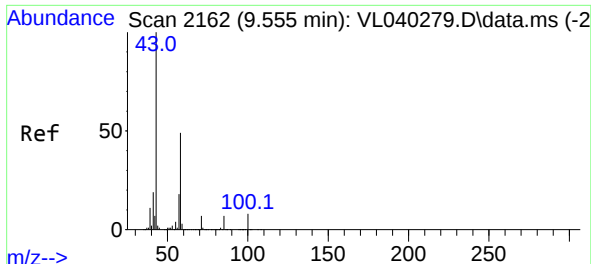
Tgt Ion:173 Resp: 1063498
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.8
171 53.2 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 9.612 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 43 Resp: 2126458
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8



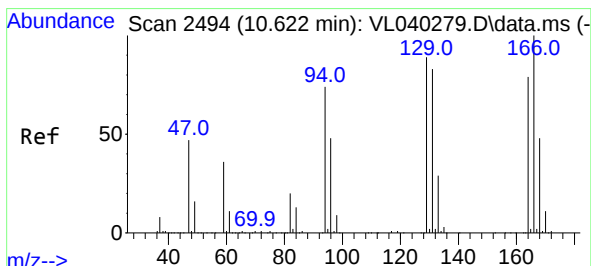
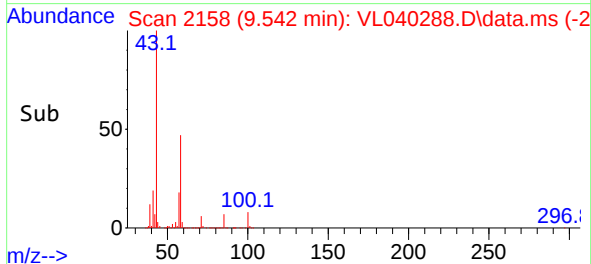
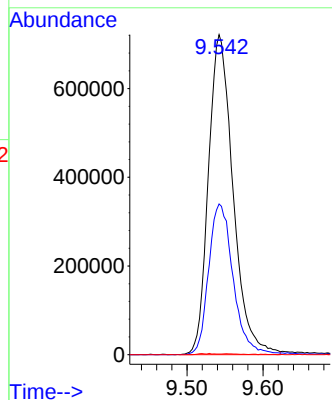
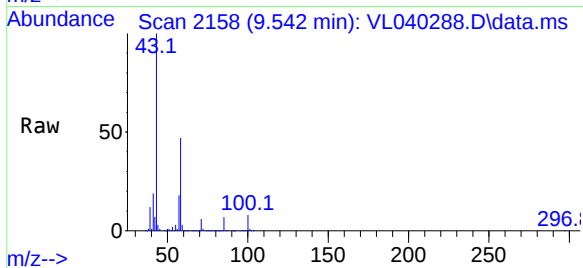


#51
2-Hexanone
Concen: 9.469 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1622806

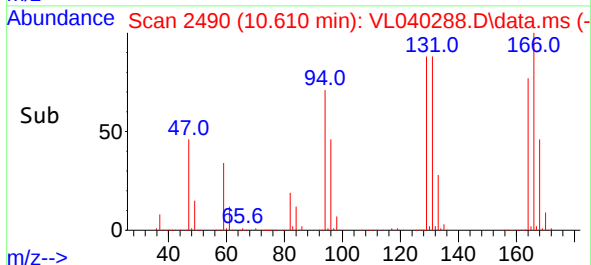
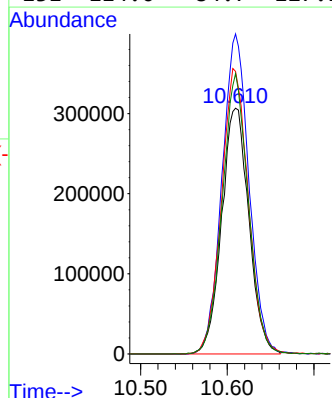
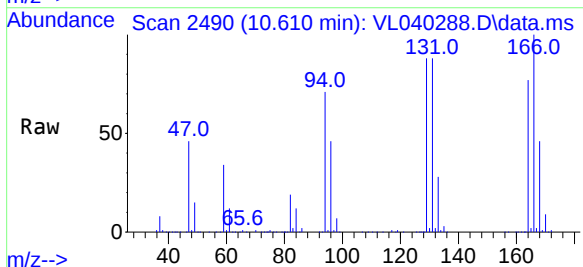
Ion	Ratio	Lower	Upper
43	100		
58	47.3	38.0	57.0
98	0.4	0.5	0.7

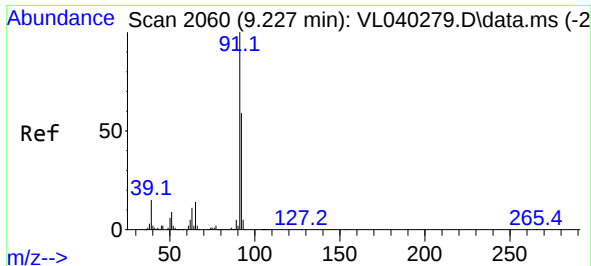


#52
Tetrachloroethene
Concen: 10.024 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.012 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 164 Resp: 669435

Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.8	152.6
129	114.9	90.2	135.2
131	114.0	84.7	127.1

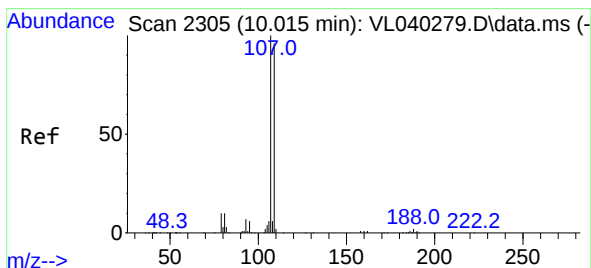
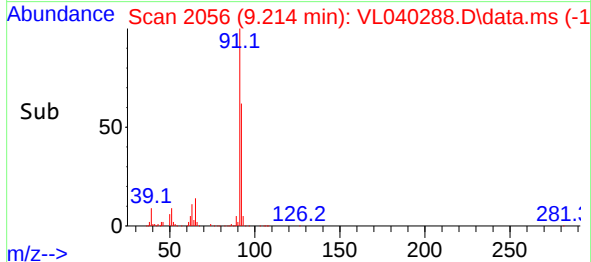
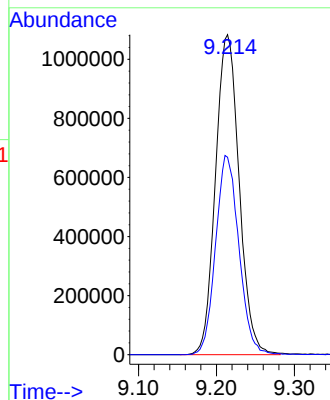
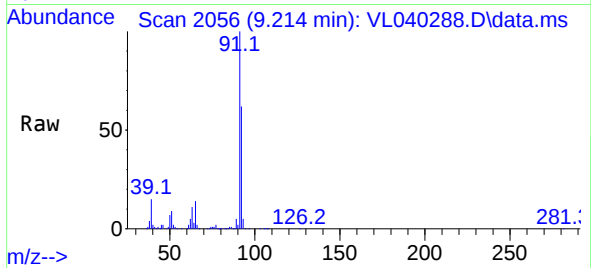




#53
Toluene
Concen: 9.882 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

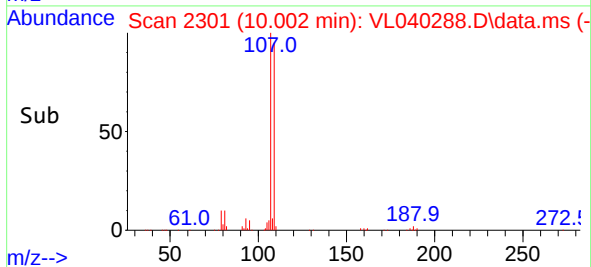
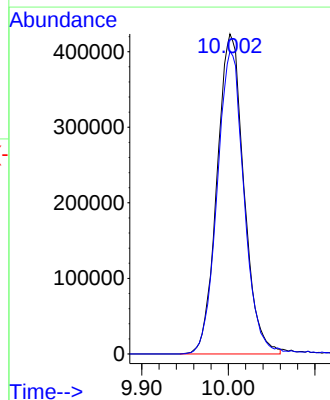
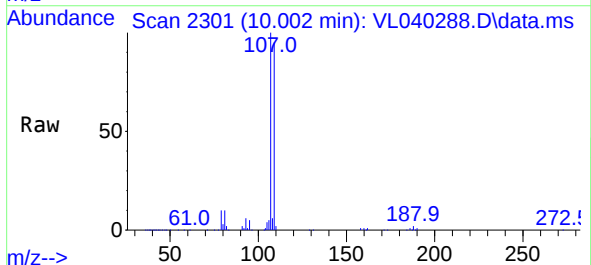
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

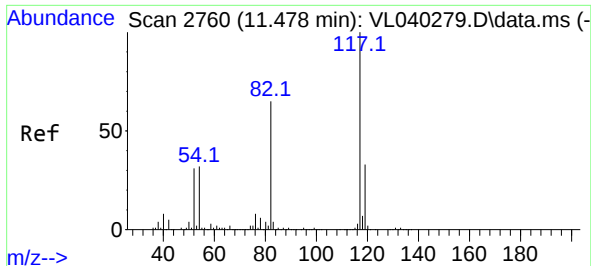
Tgt Ion: 91 Resp: 2285967
Ion Ratio Lower Upper
91 100
92 61.3 48.0 72.0



#54
1,2-Dibromoethane
Concen: 9.592 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 107 Resp: 912380
Ion Ratio Lower Upper
107 100
109 94.5 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

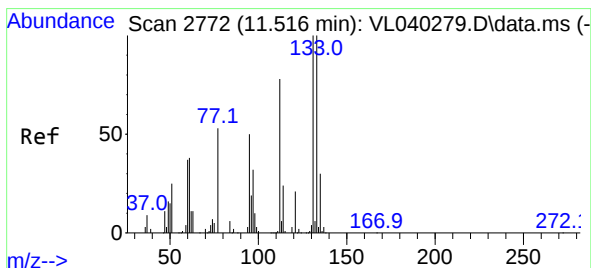
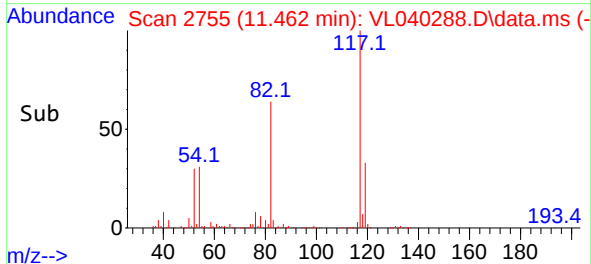
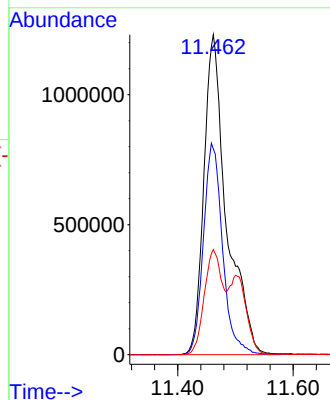
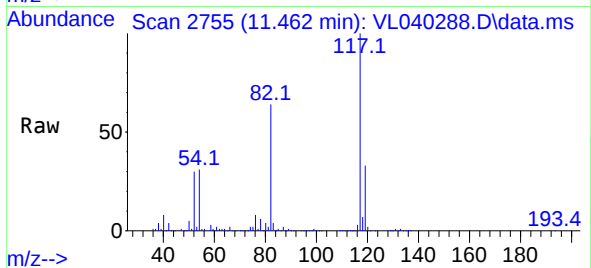
Tgt Ion:117 Resp: 3360569

Ion Ratio Lower Upper

117 100

82 56.1 51.4 77.2

119 26.5 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 7.257 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. -0.013 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

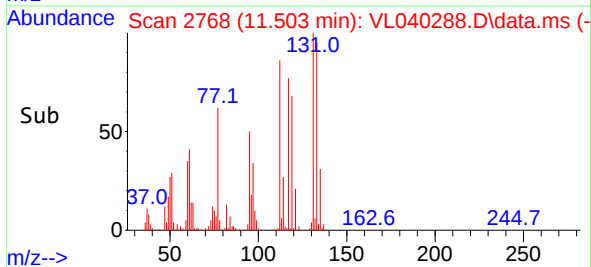
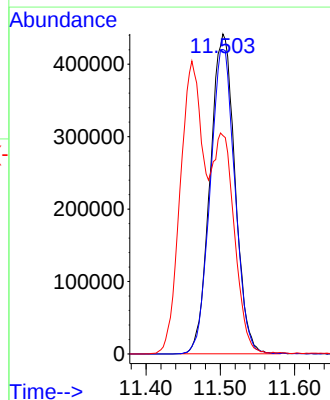
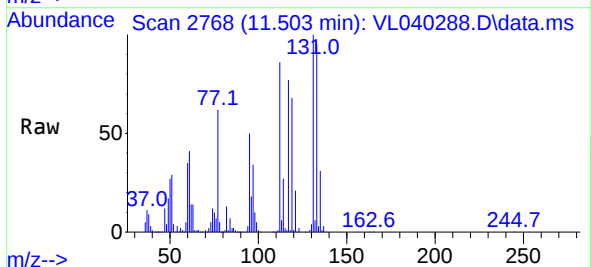
Tgt Ion:131 Resp: 1025859

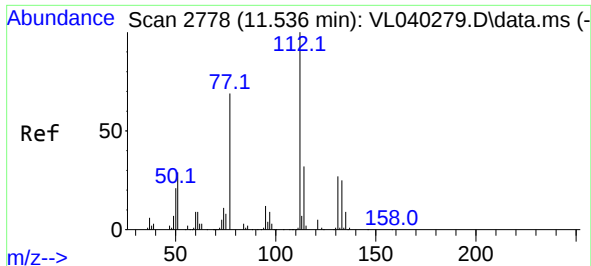
Ion Ratio Lower Upper

131 100

133 94.8 76.5 114.7

119 62.2 47.9 71.9

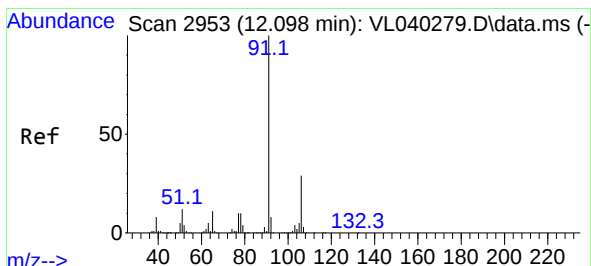
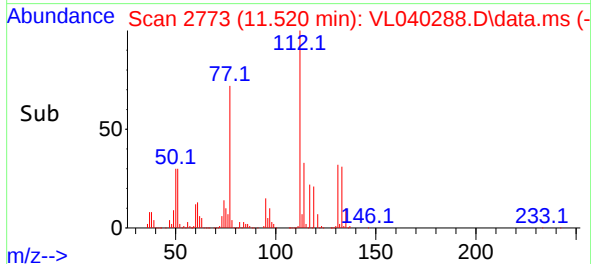
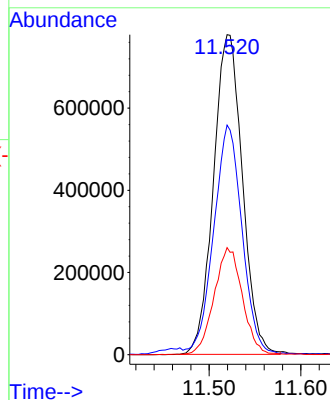
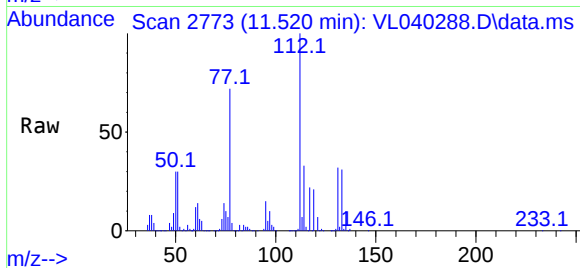




#57
Chlorobenzene
Concen: 7.137 ppbv
RT: 11.520 min Scan# 211
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

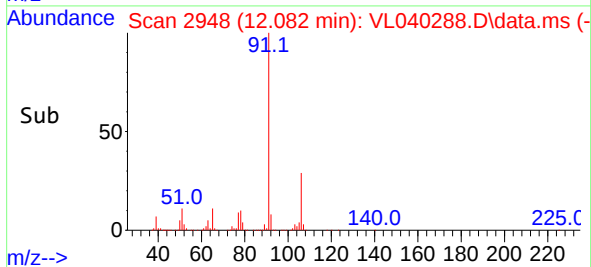
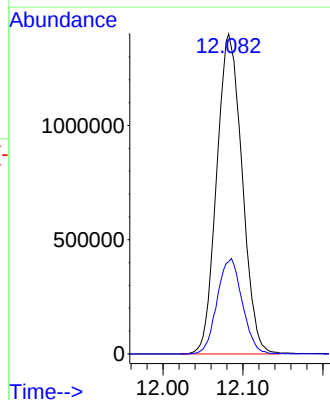
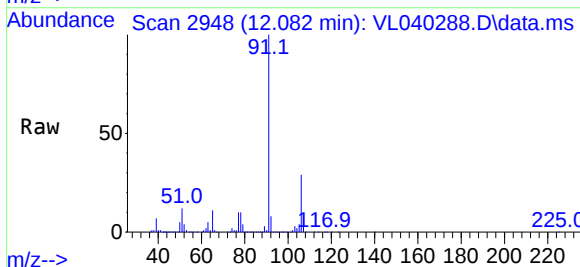
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

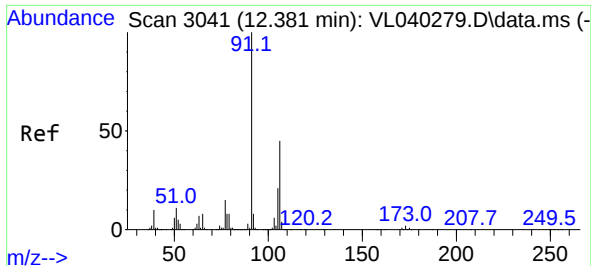
Tgt Ion:112 Resp: 1706094
Ion Ratio Lower Upper
112 100
77 71.4 56.2 84.2
114 33.4 29.0 35.4



#58
Ethyl Benzene
Concen: 8.078 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 91 Resp: 3090951
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.2





#59

m/p-Xylene

Concen: 8.183 ppbv

RT: 12.365 min Scan# 3041

Delta R.T. -0.016 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

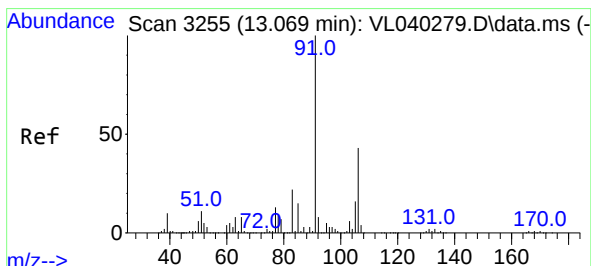
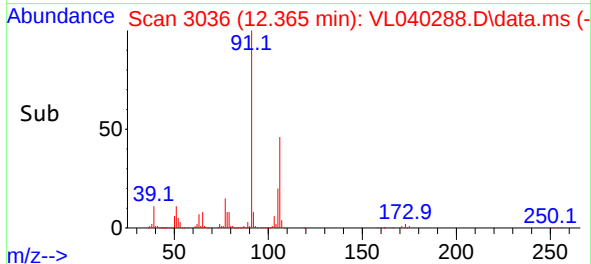
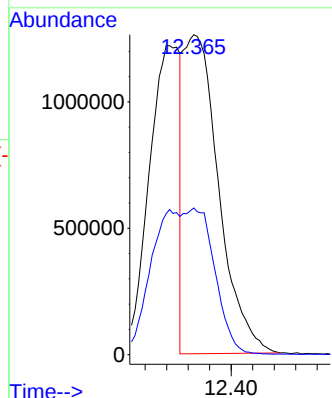
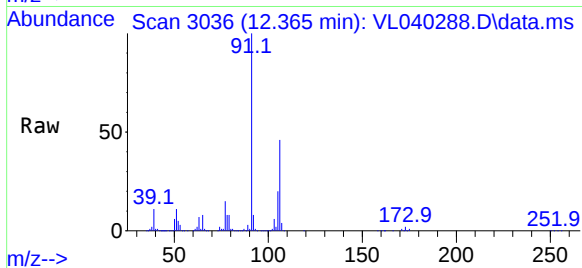
VSTDCCC010

Tgt Ion: 91 Resp: 2868488

Ion Ratio Lower Upper

91 100

106 79.9 34.0 51.0#



#60

o-Xylene

Concen: 7.617 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.019 min

Lab File: VL040288.D

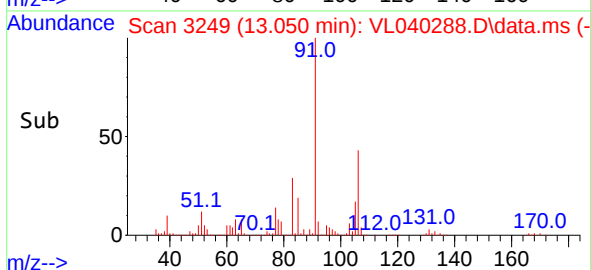
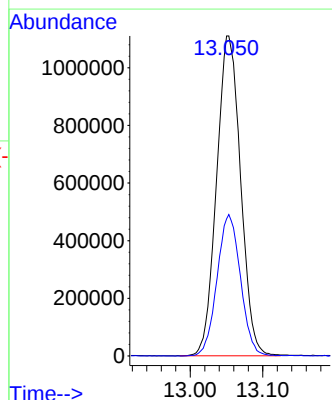
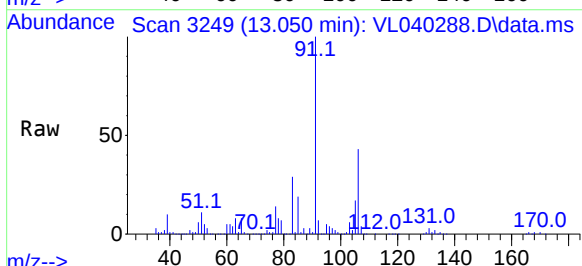
Acq: 16 Mar 2023 9:11

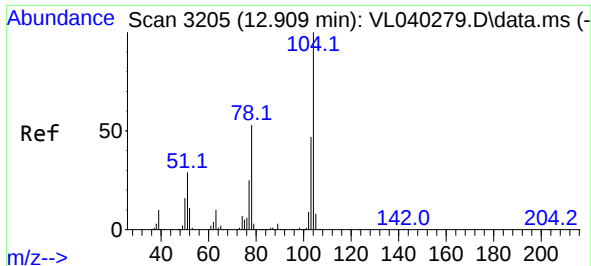
Tgt Ion: 91 Resp: 2552487

Ion Ratio Lower Upper

91 100

106 43.2 21.7 65.1

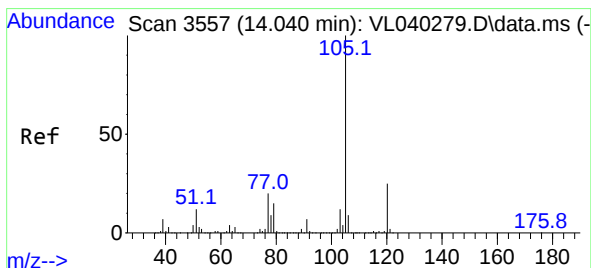
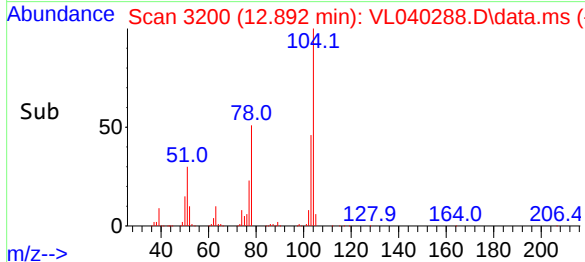
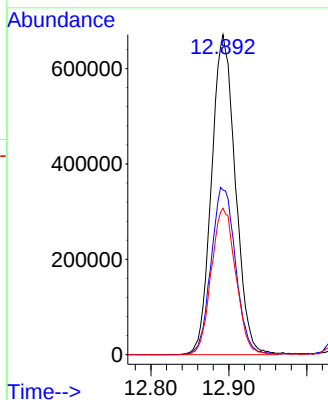
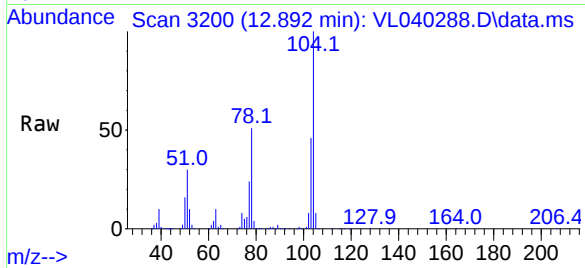




#61
Styrene
Concen: 8.391 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.017 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

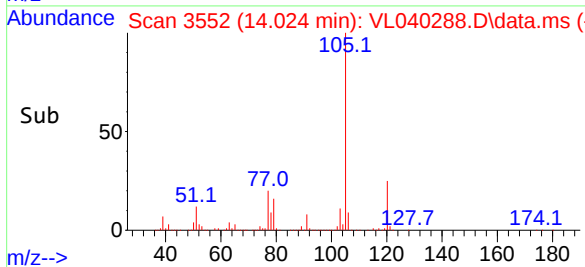
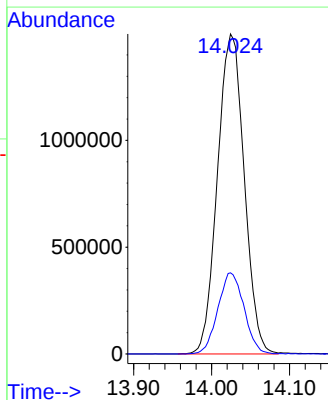
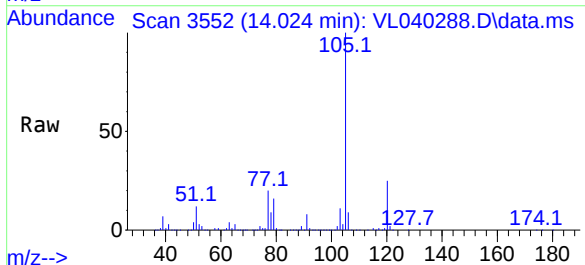
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

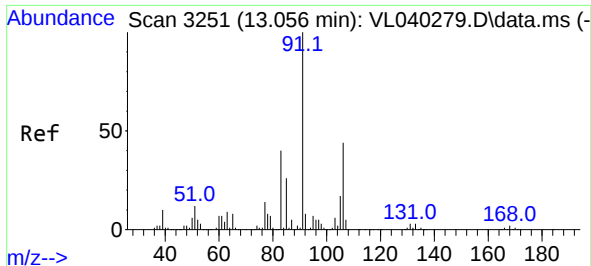
Tgt Ion:104 Resp: 1426894
Ion Ratio Lower Upper
104 100
78 54.1 43.7 65.5
103 47.1 37.4 56.2



#62
Isopropylbenzene
Concen: 7.488 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:105 Resp: 3573101
Ion Ratio Lower Upper
105 100
120 24.8 19.9 29.9

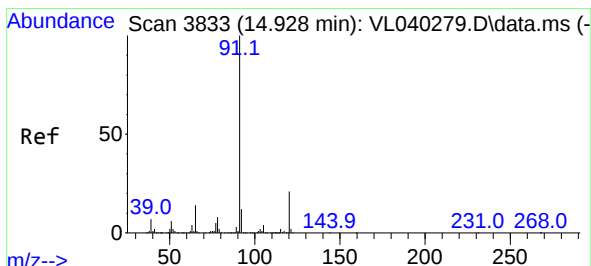
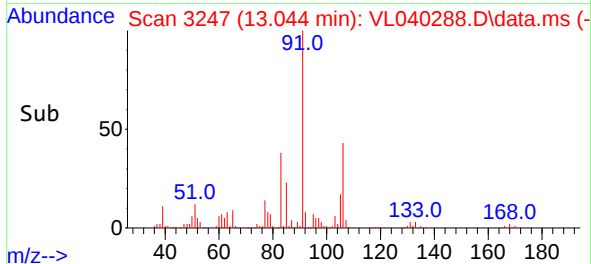
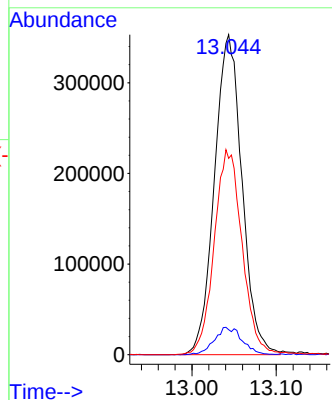
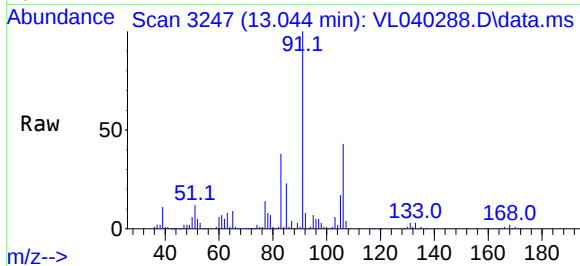




#63
1,1,2,2-Tetrachloroethane
Concen: 6.797 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

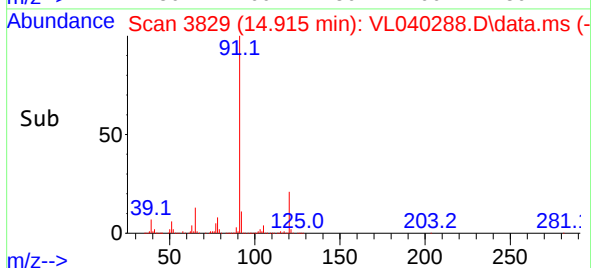
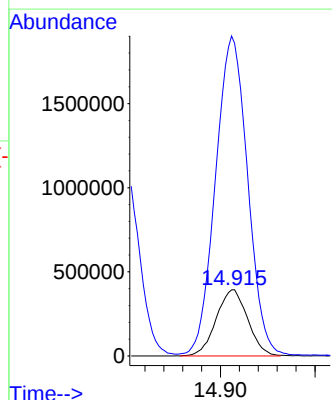
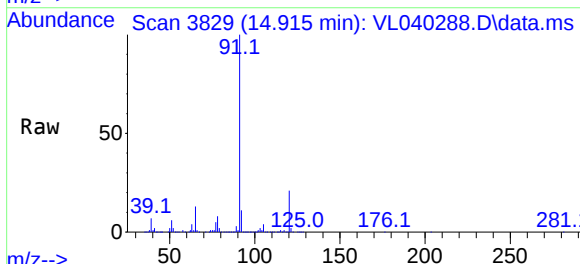
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

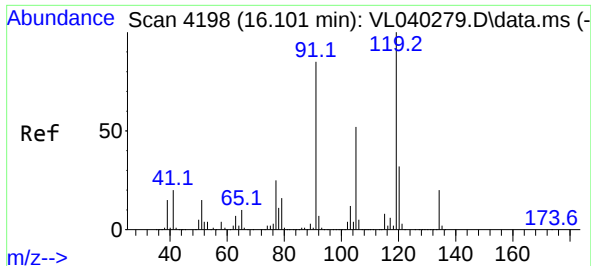
Tgt Ion: 83 Resp: 801413
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.9
85 65.1 32.7 98.1



#64
n-propylbenzene
Concen: 7.786 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:120 Resp: 909224
Ion Ratio Lower Upper
120 100
91 495.3 399.0 598.6





#65

tert-Butylbenzene

Concen: 7.736 ppbv

RT: 16.088 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

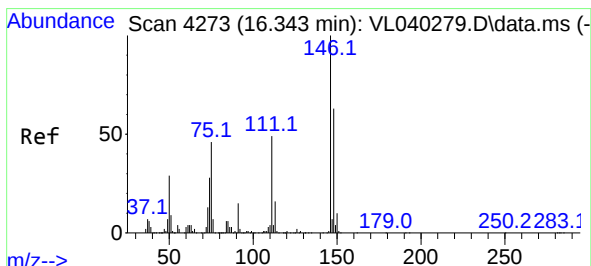
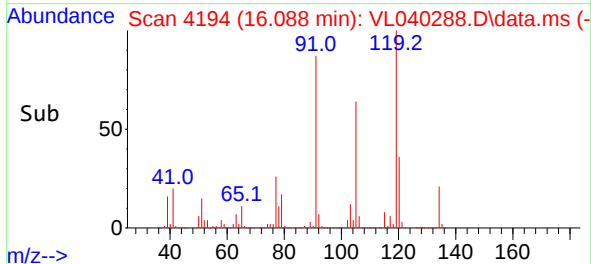
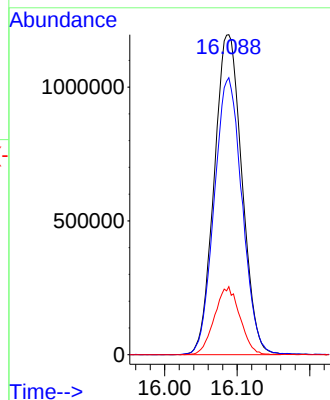
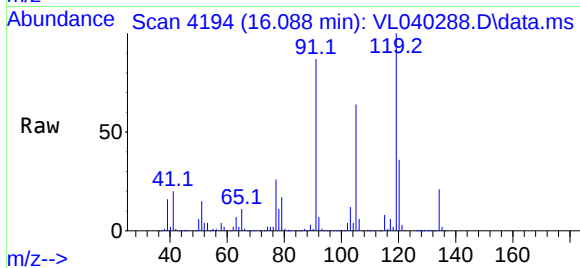
Tgt Ion:119 Resp: 3181217

Ion Ratio Lower Upper

119 100

91 87.1 69.4 104.2

134 19.5 15.8 23.6



#66

Benzyl Chloride

Concen: 7.796 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. -0.020 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

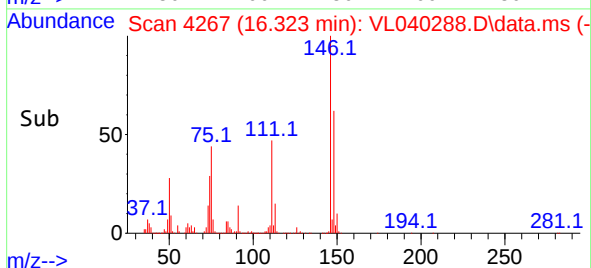
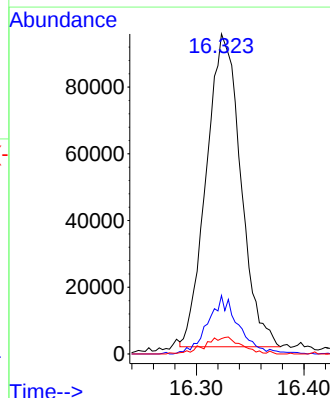
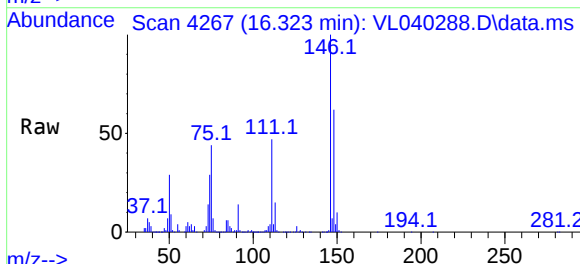
Tgt Ion: 91 Resp: 208358

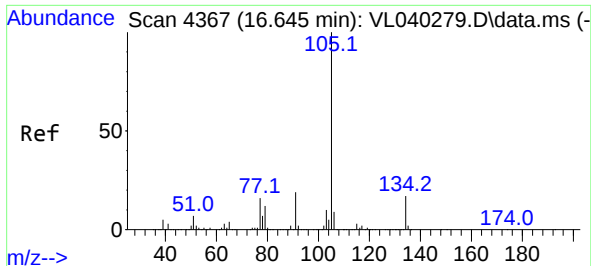
Ion Ratio Lower Upper

91 100

126 17.0 12.1 18.1

128 5.8 3.8 5.6#

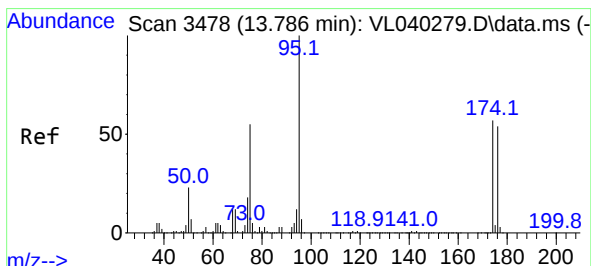
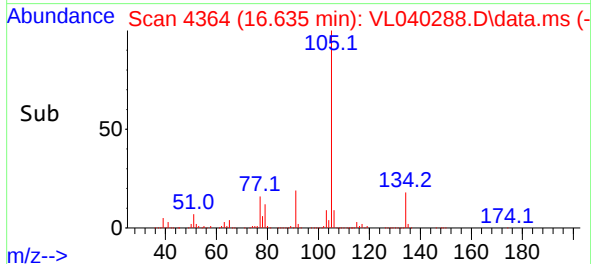
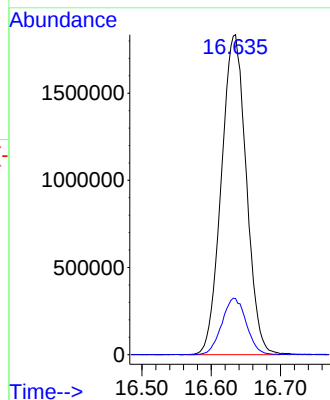
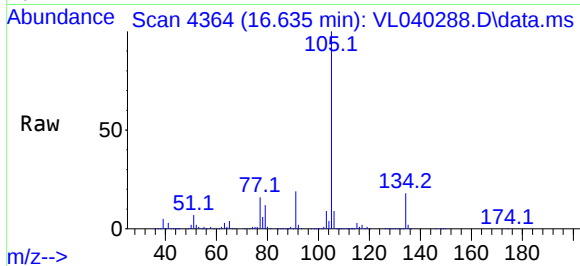




#67
sec-Butylbenzene
Concen: 7.799 ppbv
RT: 16.635 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

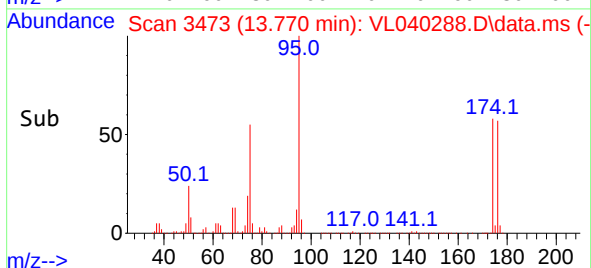
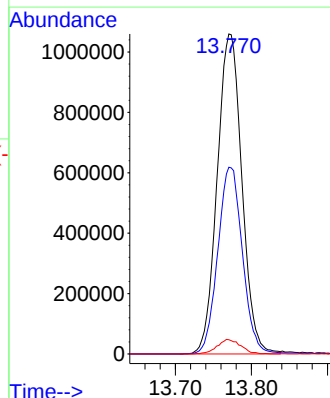
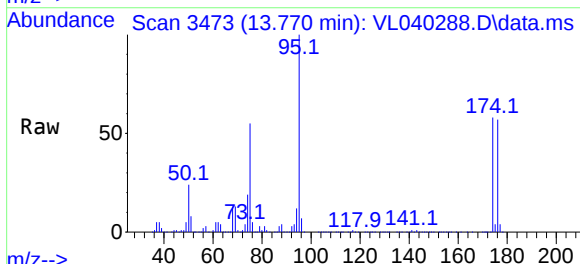
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

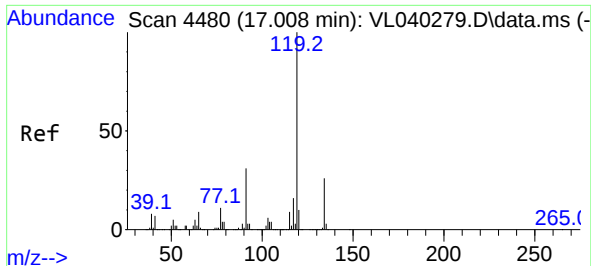
Tgt Ion:105 Resp: 4586861
Ion Ratio Lower Upper
105 100
134 17.4 14.0 21.0



#68
1-Bromo-4-Fluorobenzene
Concen: 8.496 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 95 Resp: 2391071
Ion Ratio Lower Upper
95 100
174 58.6 47.0 70.6
175 4.4 3.4 5.2

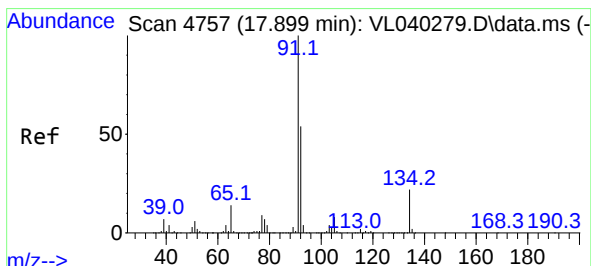
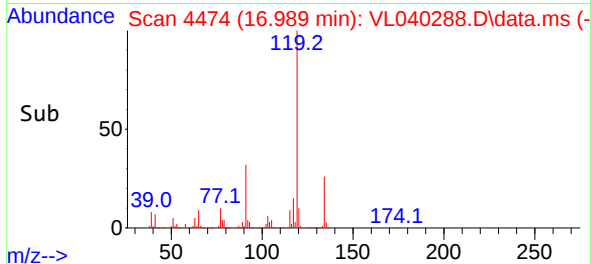
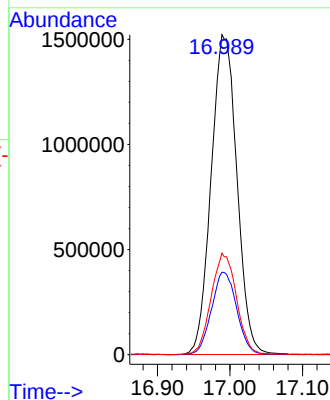
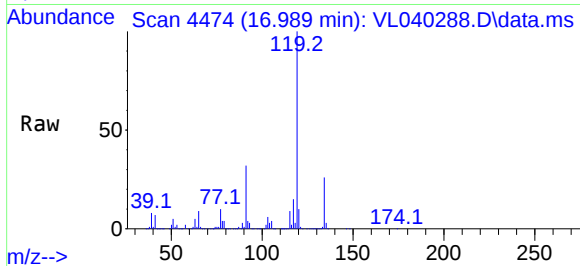




#69
p-Isopropyltoluene
Concen: 8.189 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.019 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

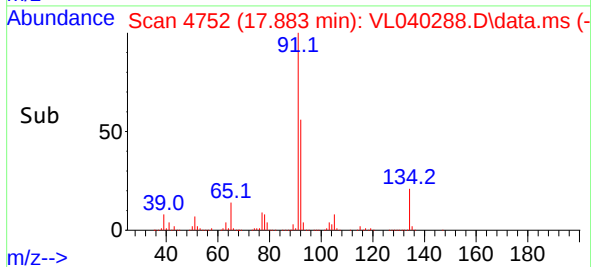
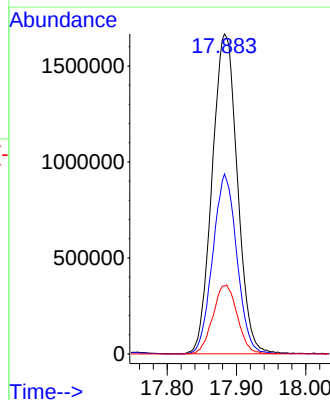
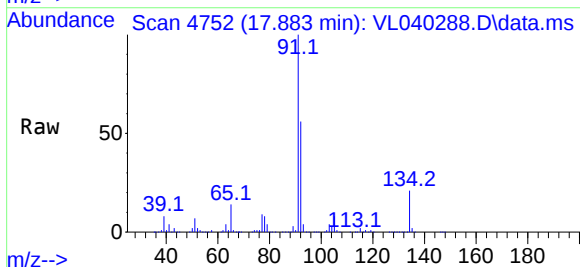
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

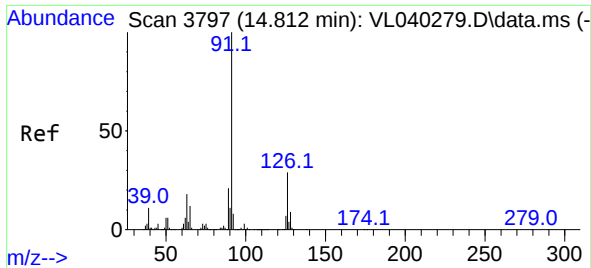
Tgt Ion:119 Resp: 3750691
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 31.4 25.1 37.7



#70
n-Butylbenzene
Concen: 8.351 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 91 Resp: 4213643
Ion Ratio Lower Upper
91 100
92 53.9 42.9 64.3
134 21.0 16.8 25.2

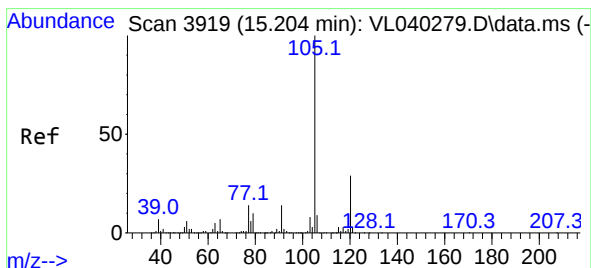
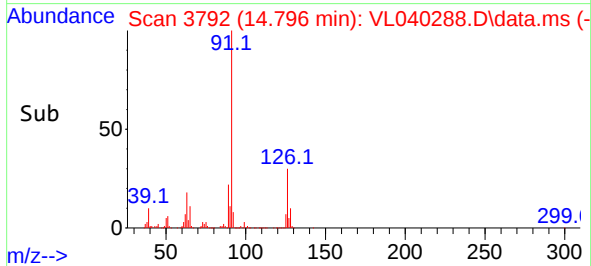
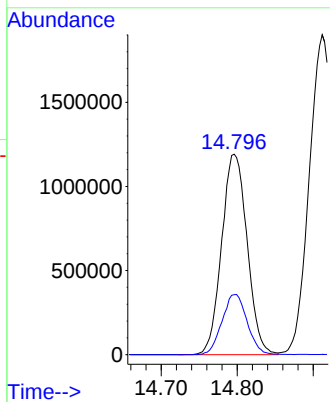
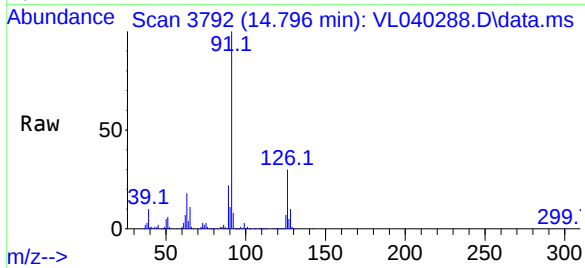




#71
2-Chlorotoluene
Concen: 7.643 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

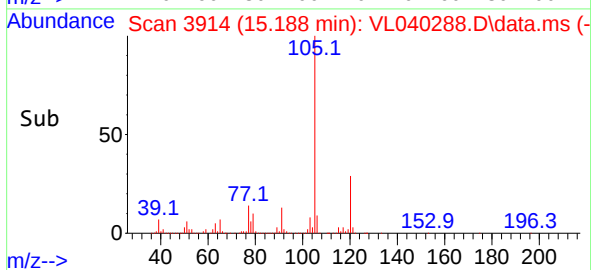
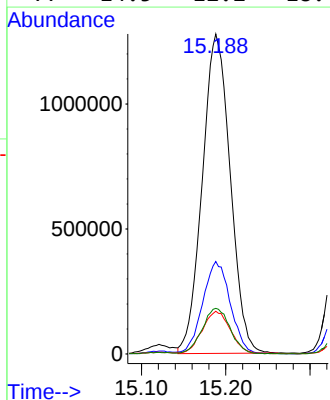
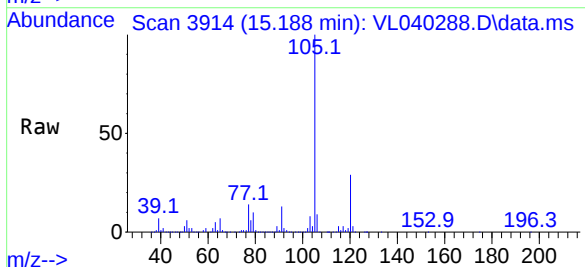
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

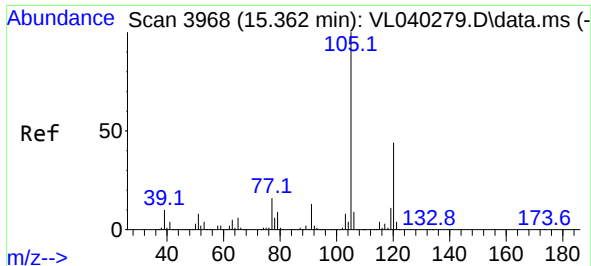
Tgt Ion: 91 Resp: 2776094
Ion Ratio Lower Upper
91 100
126 29.8 11.8 47.4



#72
4-Ethyltoluene
Concen: 8.035 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 105 Resp: 2943837
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 13.5 11.6 17.4
77 14.5 12.2 18.4

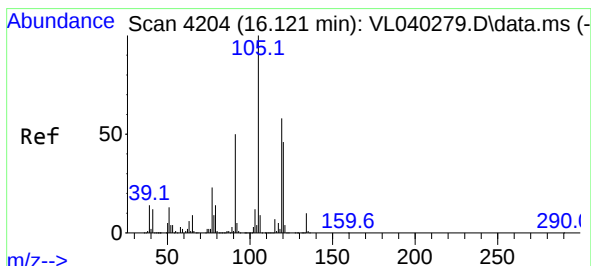
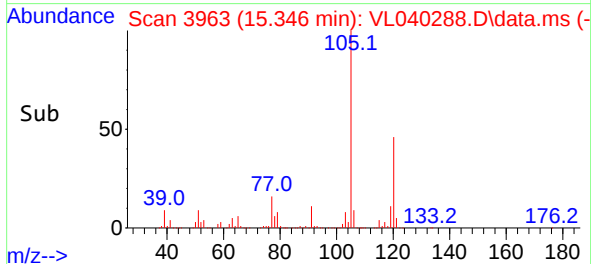
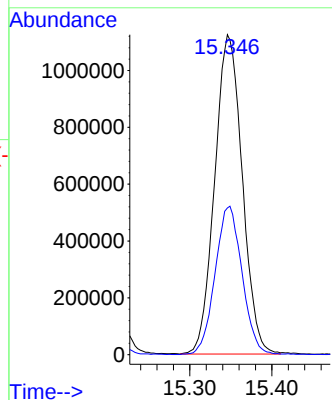
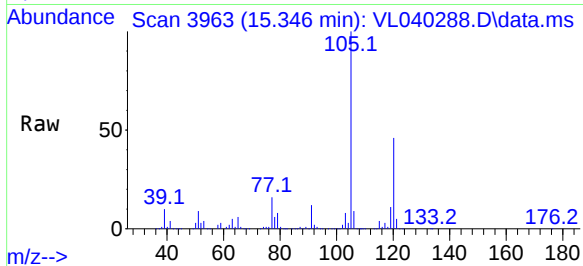




#73
1,3,5-Trimethylbenzene
Concen: 7.901 ppbv
RT: 15.346 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

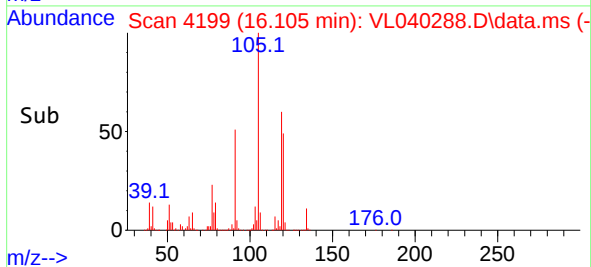
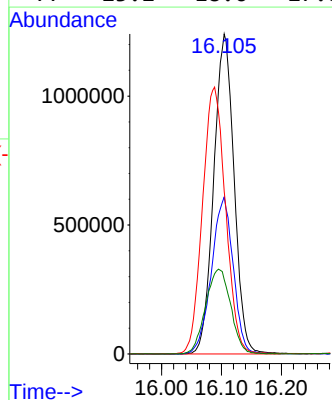
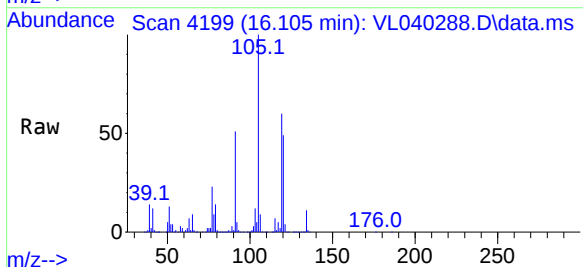
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

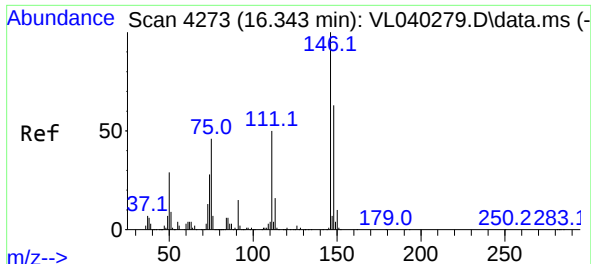
Tgt Ion:105 Resp: 2621941
Ion Ratio Lower Upper
105 100
120 45.9 34.9 52.3



#74
1,2,4-Trimethylbenzene
Concen: 7.719 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:105 Resp: 2921259
Ion Ratio Lower Upper
105 100
120 49.0 36.6 54.8
91 50.8 39.9 59.9
77 23.2 18.6 27.8

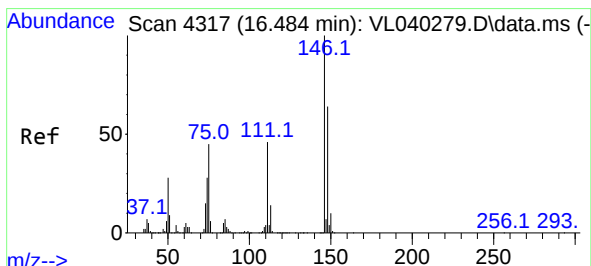
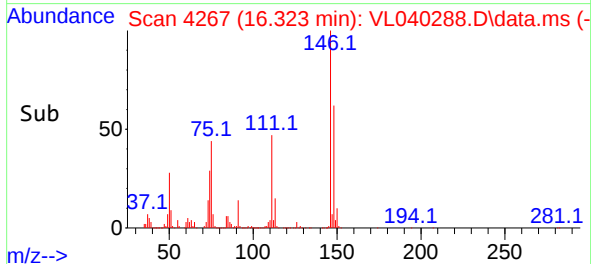
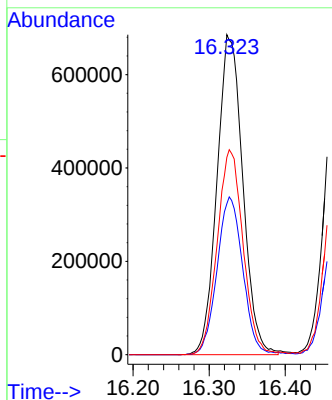
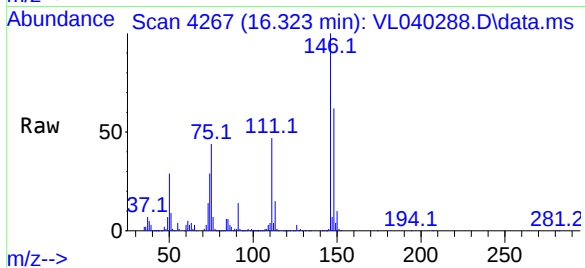




#75
1,3-Dichlorobenzene
Concen: 7.867 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.020 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

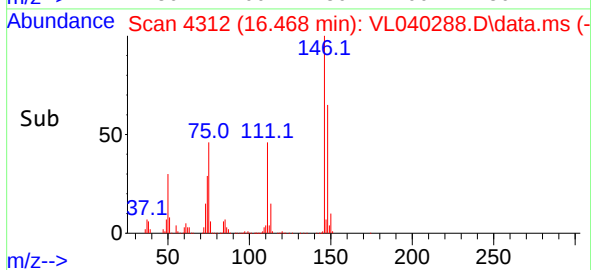
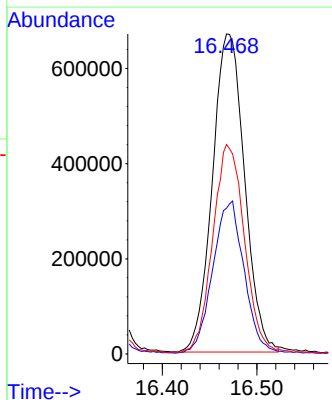
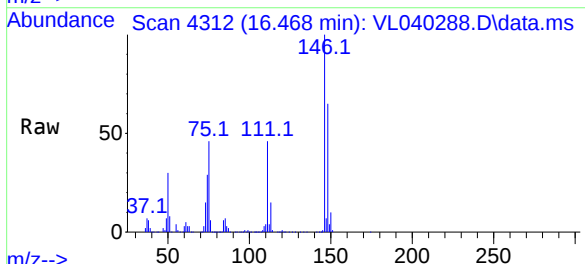
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

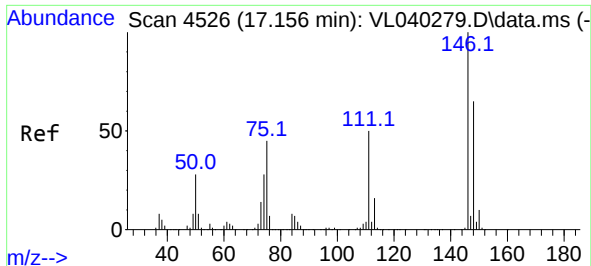
Tgt Ion:146 Resp: 1612609
Ion Ratio Lower Upper
146 100
111 49.2 24.3 73.0
148 64.4 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 8.092 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:146 Resp: 1581894
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.2
148 66.0 32.5 97.5

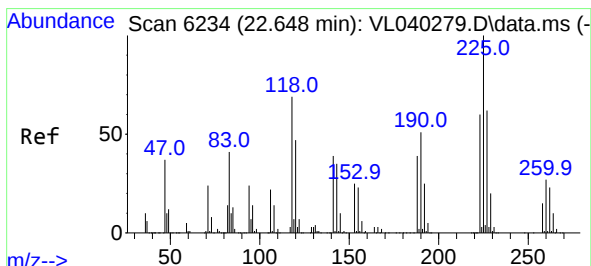
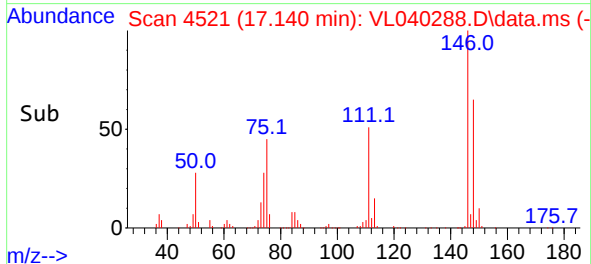
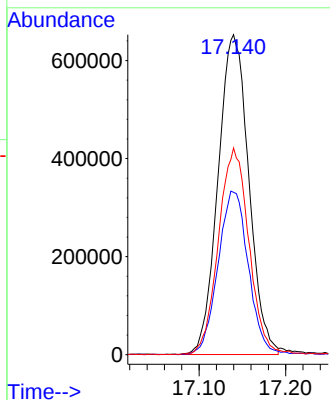
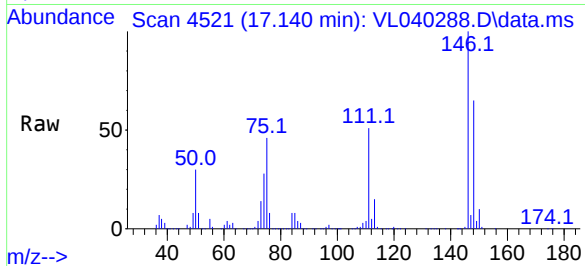




#77
1,2-Dichlorobenzene
Concen: 8.156 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

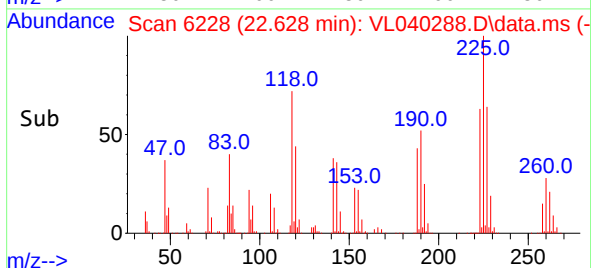
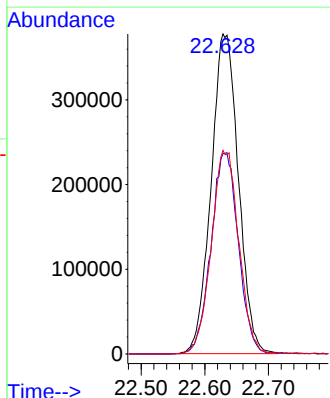
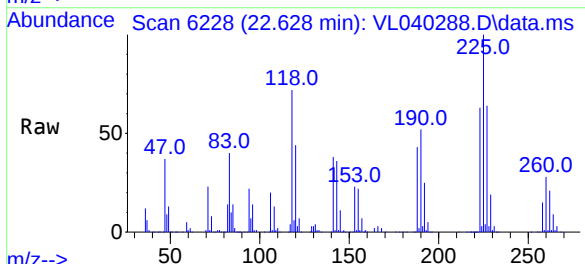
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

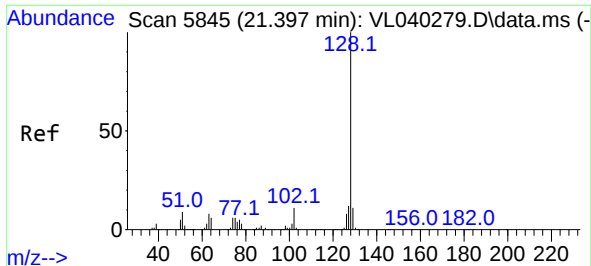
Tgt Ion:146 Resp: 1607013
Ion Ratio Lower Upper
146 100
111 50.7 25.2 75.6
148 64.3 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.794 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. -0.020 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:225 Resp: 1126249
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.6
227 64.2 51.4 77.2

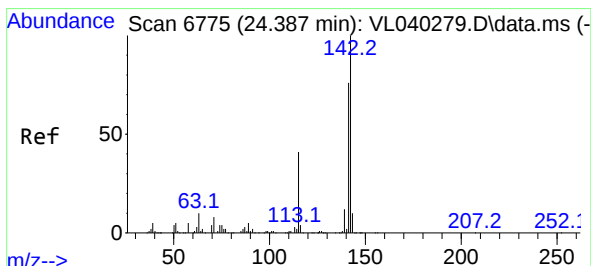
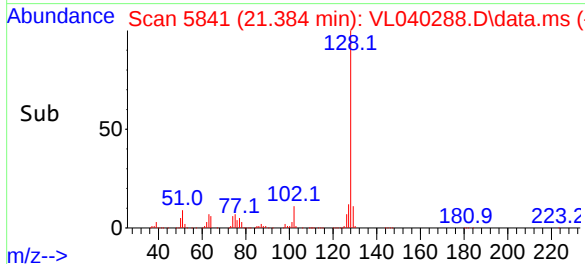
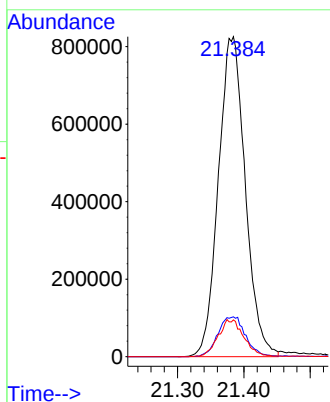
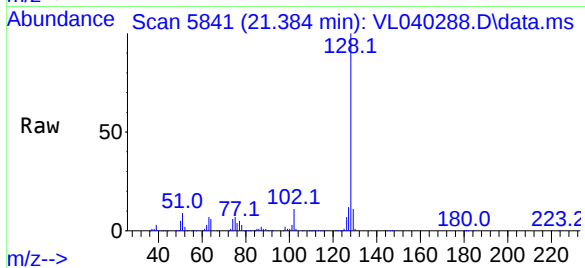




#79
Naphthalene
Concen: 10.390 ppbv
RT: 21.384 min Scan# 5845
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

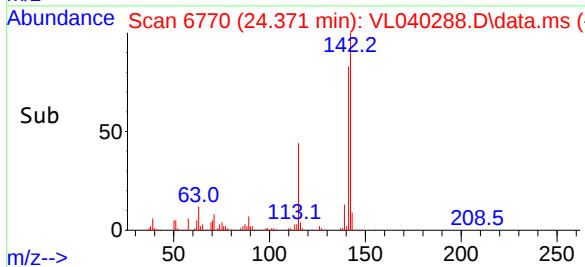
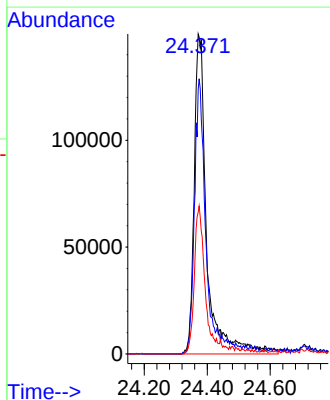
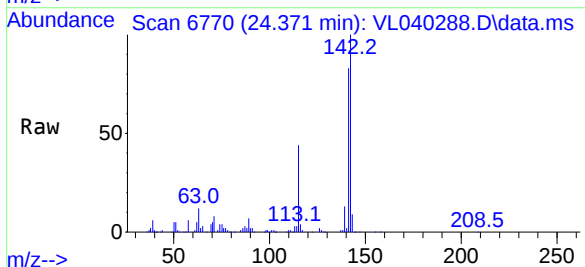
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

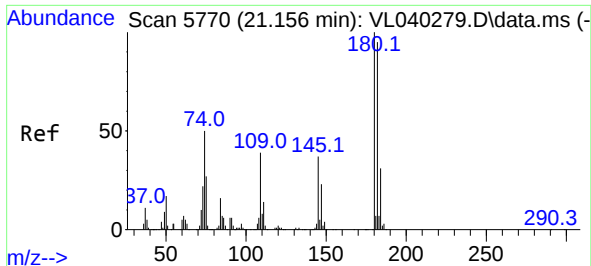
Tgt Ion:128 Resp: 2326260
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 11.5 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 7.390 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

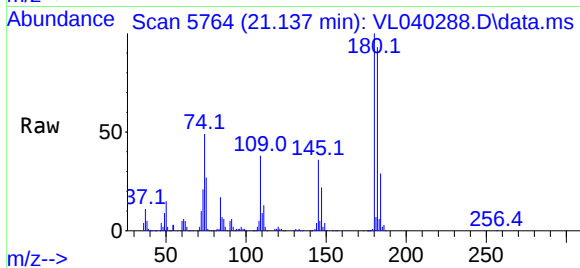
Tgt Ion:142 Resp: 419051
Ion Ratio Lower Upper
142 100
141 78.5 65.5 98.3
115 39.8 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 8.895 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. -0.019 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1226649

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.1	114.1
184	30.0	24.4	36.6

