

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040484.D
 Acq On : 22 Jun 2023 13:23
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jun 23 01:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	996351	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2522065	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2355416	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1956871	10.066	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2072666	9.558	ppbv	99
3) Chlorodifluoromethane	2.668	51	1503892	9.216	ppbv	99
4) Chloromethane	2.806	50	596907	9.449	ppbv	98
5) Vinyl Chloride	2.912	62	636786	10.101	ppbv	96
6) Bromomethane	3.111	94	311960	9.559	ppbv	98
7) Chloroethane	3.189	64	222404	9.446	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1619035	9.454	ppbv	99
9) Propene	2.687	41	440017	8.744	ppbv	96
10) Heptane	7.565	43	1204817	10.578	ppbv	100
11) Trichlorofluoromethane	3.552	101	1660740	9.405	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.053	101	1233389	9.999	ppbv	100
13) Ethanol	3.234	45	103204	9.904	ppbv	99
14) Bromoethene	3.359	108	496571	9.625	ppbv	100
15) Acetone	3.459	43	1055848	8.786	ppbv	98
16) 1,3-Butadiene	2.976	39	583328	9.973	ppbv	98
17) tert-Butyl alcohol	3.867	59	956175	9.679	ppbv	99
18) 1,1-Dichloroethene	3.867	96	532582	9.690	ppbv	97
19) Isopropyl Alcohol	3.565	45	574573	9.920	ppbv	100
20) Methylene Chloride	3.922	84	450519	8.784	ppbv	95
21) Allyl Chloride	3.986	41	675879	9.957	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	571629	10.137	ppbv	95
23) Vinyl Acetate	4.613	43	1187633	10.118	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1141490	9.695	ppbv	99
25) Ethyl Acetate	5.192	43	2081668	9.559	ppbv	100
26) Hexane	5.198	57	949989	9.213	ppbv	99
27) Carbon Disulfide	4.111	76	1344996	10.429	ppbv	100
28) Methyl tert-Butyl Ether	4.574	73	795877	10.026	ppbv	100
29) Chloroform	5.259	83	1659951	9.450	ppbv	98
30) Cyclohexane	6.587	84	818100	9.845	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	986846	10.003	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1673722	9.653	ppbv	100
34) 2-Butanone	4.774	43	1128651	9.280	ppbv	99
35) Carbon Tetrachloride	6.481	117	1735650	10.098	ppbv	97
36) Benzene	6.356	78	1997556	9.957	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1271346	9.727	ppbv	99
38) Trichloroethene	7.275	130	827676	10.889	ppbv	98
39) 1,2-Dichloropropane	7.060	63	763643	9.874	ppbv	98
40) 1,4-Dioxane	7.275	88	217153	9.913	ppbv #	100
41) Tetrahydrofuran	5.542	42	679422	10.221	ppbv	99
42) Bromodichloromethane	7.233	83	1816207	10.091	ppbv	98
43) Methyl Methacrylate	7.458	69	788667	10.944	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3305730	10.083	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	626513	11.774	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040484.D
 Acq On : 22 Jun 2023 13:23
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

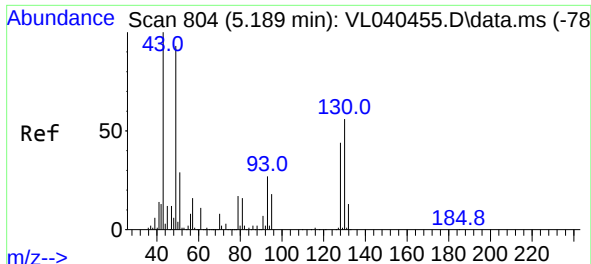
Quant Time: Jun 23 01:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	742043	11.439	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	849437	9.994	ppbv	97
48) Dibromochloromethane	9.693	129	1436676	10.573	ppbv	100
49) Bromoform	12.391	173	1097331	10.673	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	1732478	10.636	ppbv	100
51) 2-Hexanone	9.536	43	1218760	10.778	ppbv	98
52) Tetrachloroethene	10.597	164	707146	11.226	ppbv	97
53) Toluene	9.208	91	2327238	11.014	ppbv	100
54) 1,2-Dibromoethane	9.992	107	1251137	11.229	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.494	131	1088551	9.833	ppbv	99
57) Chlorobenzene	11.510	112	1822276	10.236	ppbv	99
58) Ethyl Benzene	12.072	91	3205120	11.231	ppbv	98
59) m/p-Xylene	12.355	91	3012072	11.484	ppbv #	40
60) o-Xylene	13.043	91	2669628	10.731	ppbv	99
61) Styrene	12.883	104	1349848	12.608	ppbv	99
62) Isopropylbenzene	14.011	105	3893631	10.529	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	1663499	10.327	ppbv	99
64) n-propylbenzene	14.899	120	1005999	10.715	ppbv	97
65) tert-Butylbenzene	16.075	119	3392118	10.692	ppbv	99
66) Benzyl Chloride	16.310	91	251611	10.291	ppbv	98
67) sec-Butylbenzene	16.619	105	4874182	10.536	ppbv	99
69) p-Isopropyltoluene	16.976	119	3982433	10.832	ppbv	99
70) n-Butylbenzene	17.870	91	4394452	10.708	ppbv	100
71) 2-Chlorotoluene	14.783	91	3022744	11.008	ppbv	99
72) 4-Ethyltoluene	15.178	105	3174996	11.331	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2737803	11.055	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	3061662	10.509	ppbv	98
75) 1,3-Dichlorobenzene	16.313	146	1716009	10.500	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1692559	10.651	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1613331	10.450	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1119888	9.405	ppbv	99
79) Naphthalene	21.361	128	2244623	13.377	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	629884	12.509	ppbv	96
81) 1,2,4-Trichlorobenzene	21.120	180	1186372	11.414	ppbv	99

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

Quant Time: Jun 23 01:30:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

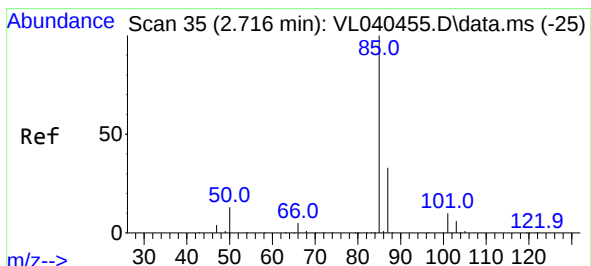
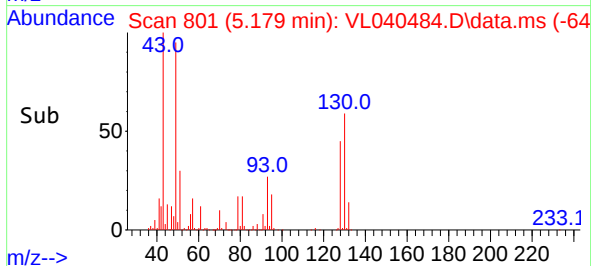
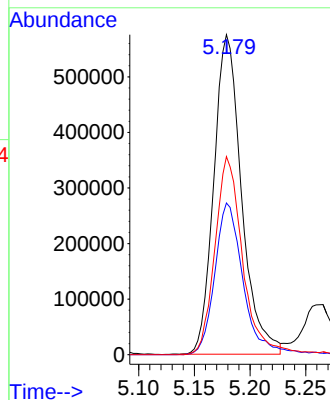
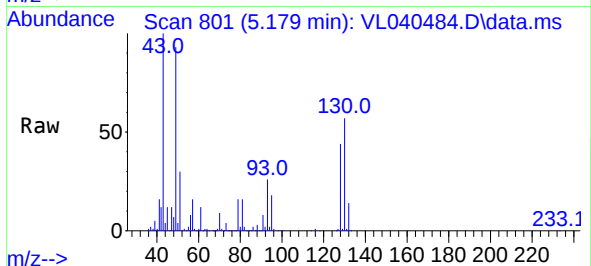




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

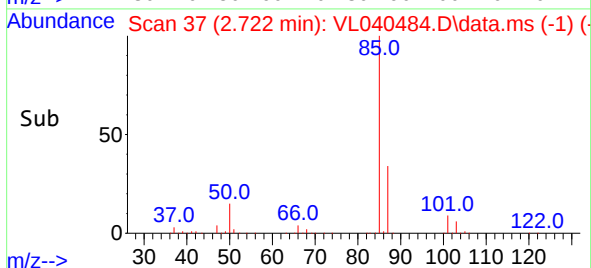
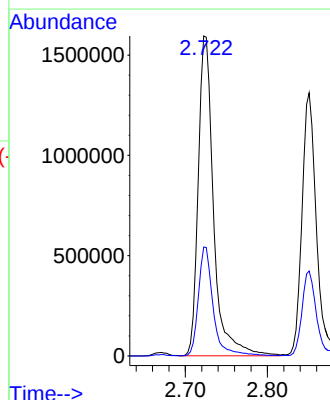
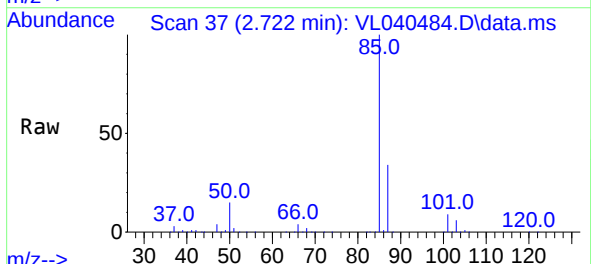
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

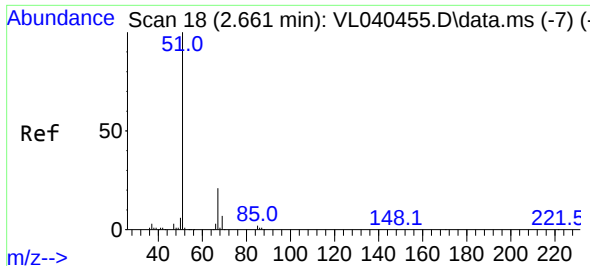
Tgt Ion: 49 Resp: 996351
Ion Ratio Lower Upper
49 100
128 49.2 24.7 74.1
130 62.8 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 9.558 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 85 Resp: 2072666
Ion Ratio Lower Upper
85 100
87 34.0 26.6 39.8

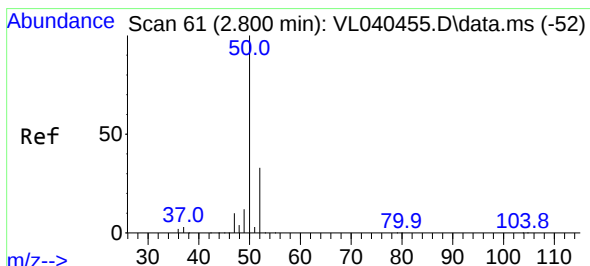
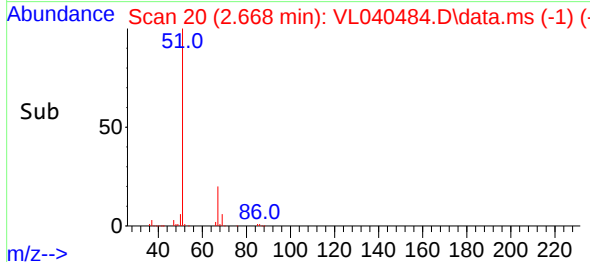
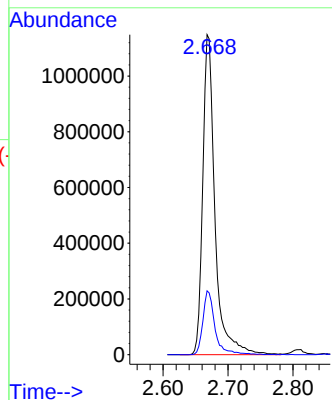
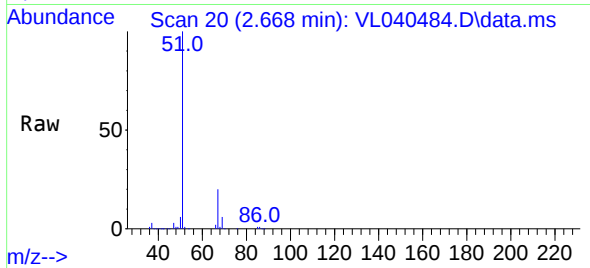




#3
Chlorodifluoromethane
Concen: 9.216 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

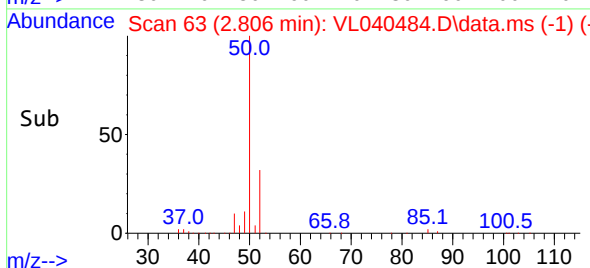
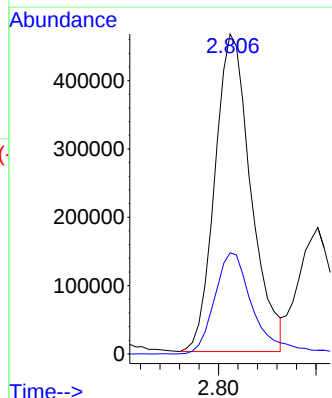
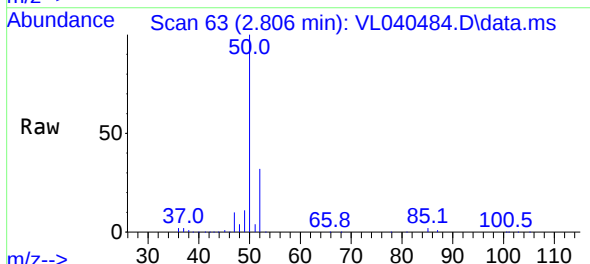
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

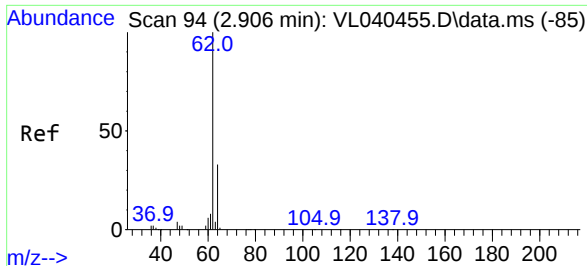
Tgt Ion: 51 Resp: 1503892
Ion Ratio Lower Upper
51 100
67 19.9 16.3 24.5



#4
Chloromethane
Concen: 9.449 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 50 Resp: 596907
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5

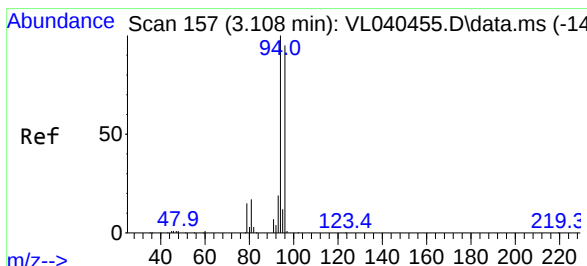
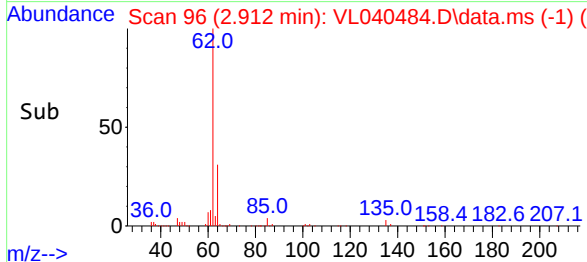
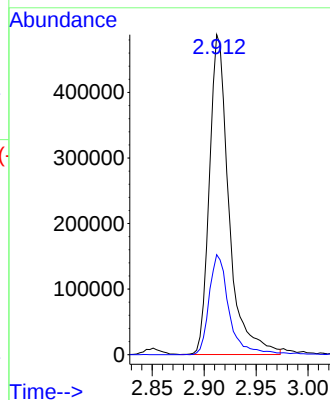
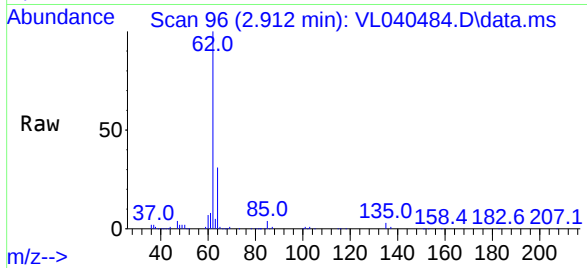




#5
 Vinyl Chloride
 Concen: 10.101 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

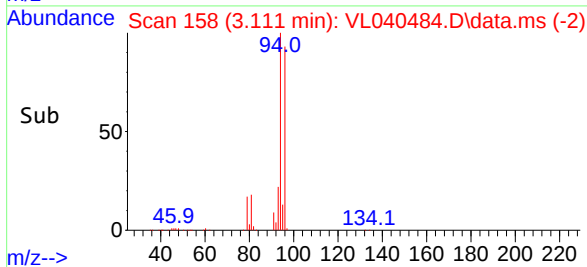
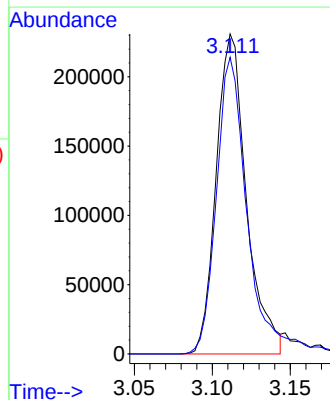
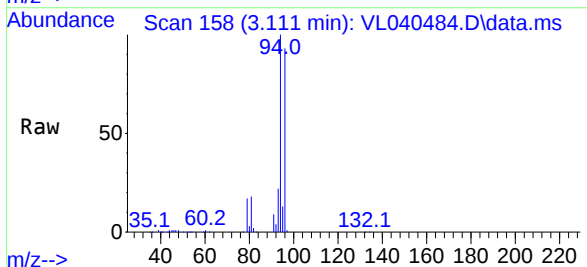
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

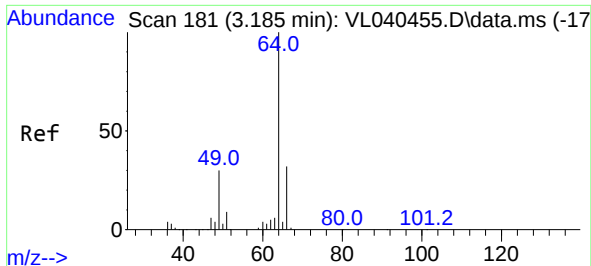
Tgt Ion: 62 Resp: 636786
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.8 40.2



#6
 Bromomethane
 Concen: 9.559 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 94 Resp: 311960
 Ion Ratio Lower Upper
 94 100
 96 92.7 75.8 113.8

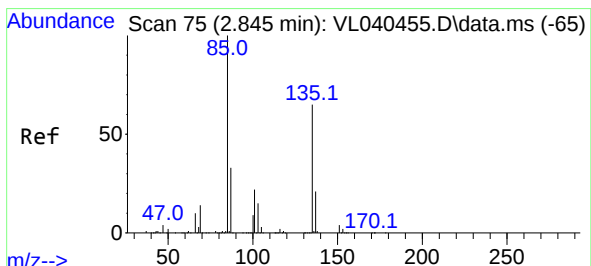
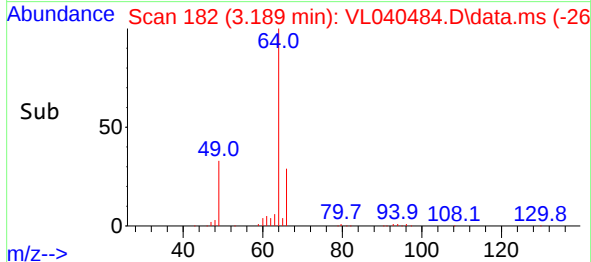
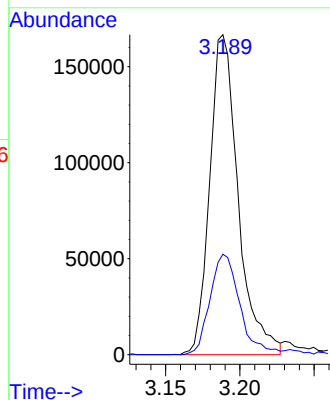
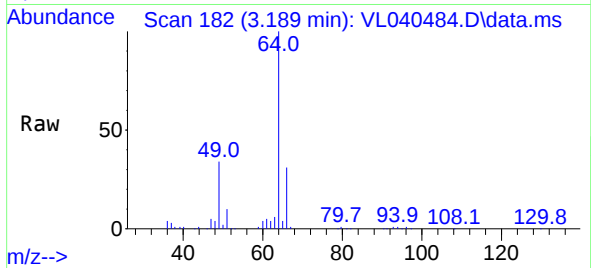




#7
Chloroethane
Concen: 9.446 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

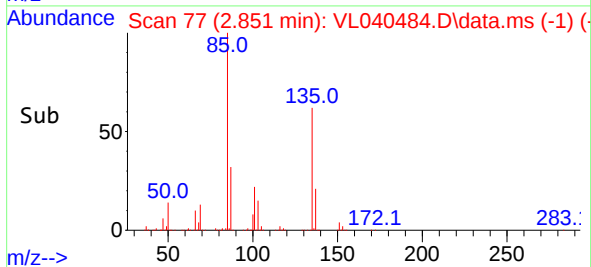
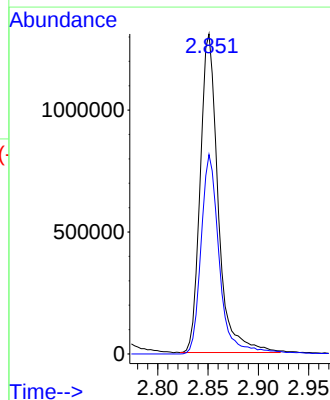
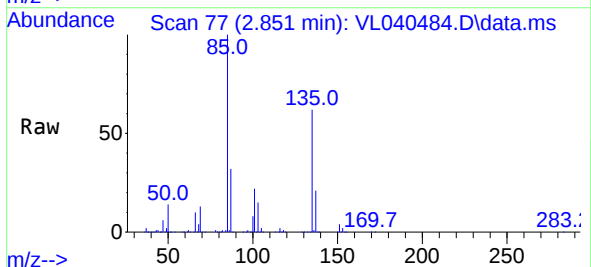
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 222404
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

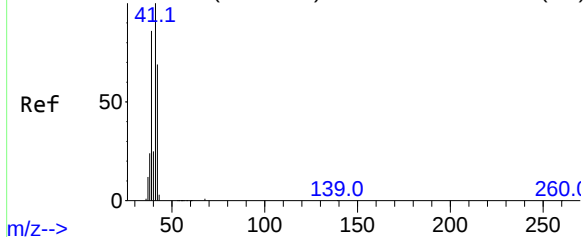


#8
Dichlorotetrafluoroethane
Concen: 9.454 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 85 Resp: 1619035
Ion Ratio Lower Upper
85 100
135 64.6 52.0 78.0



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 8.744 ppbv

RT: 2.687 min Scan# 2

Delta R.T. 0.010 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

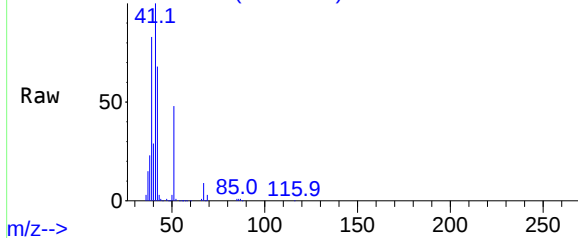
Tgt Ion: 41 Resp: 440017

Ion Ratio Lower Upper

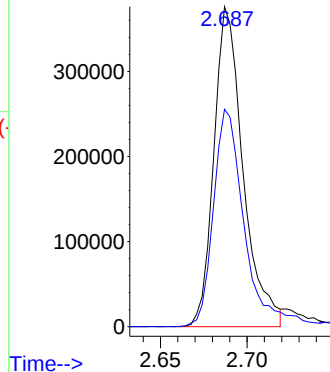
41 100

42 73.8 56.2 84.2

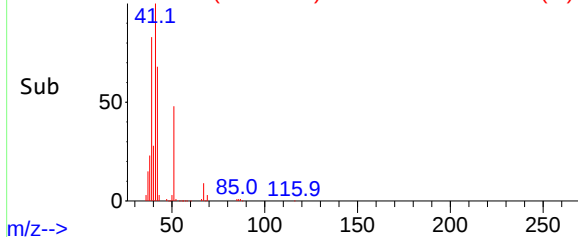
Abundance Scan 26 (2.687 min): VL040484.D\data.ms



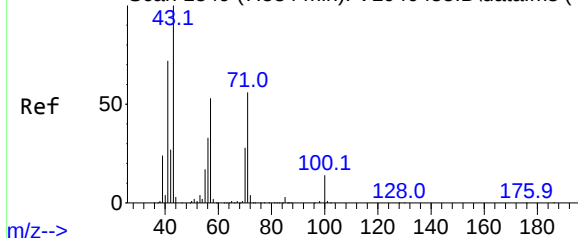
Abundance



Abundance Scan 26 (2.687 min): VL040484.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 10.578 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.019 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

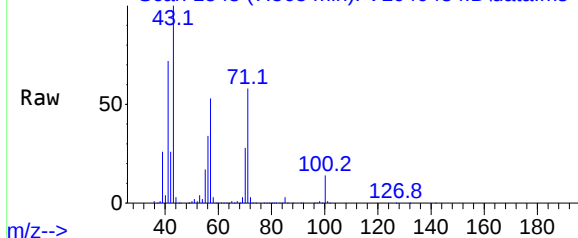
Tgt Ion: 43 Resp: 1204817

Ion Ratio Lower Upper

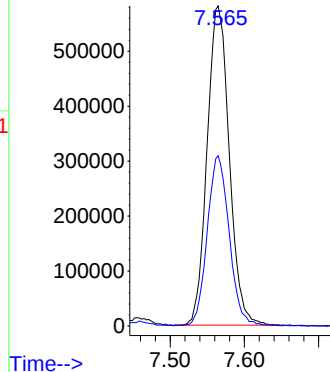
43 100

57 53.1 42.5 63.7

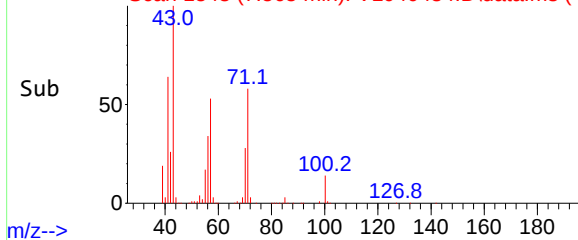
Abundance Scan 1543 (7.565 min): VL040484.D\data.ms

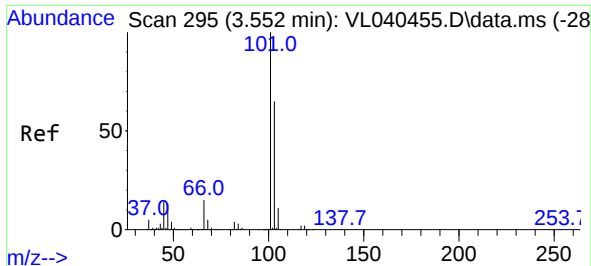


Abundance



Abundance Scan 1543 (7.565 min): VL040484.D\data.ms (-1)

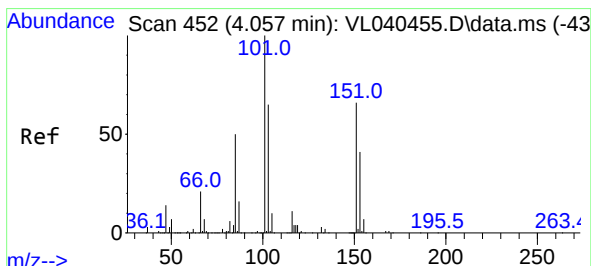
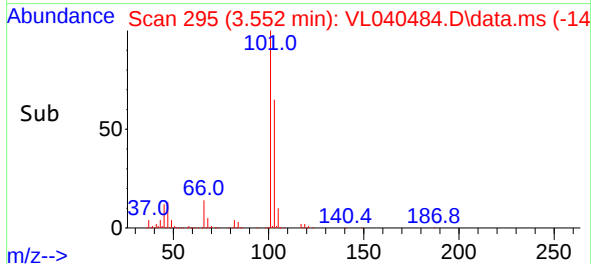
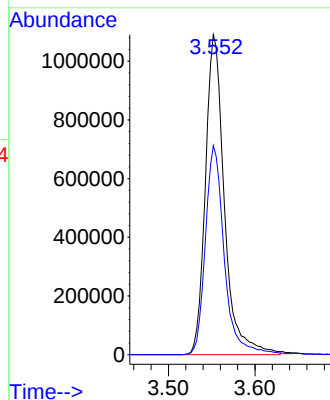
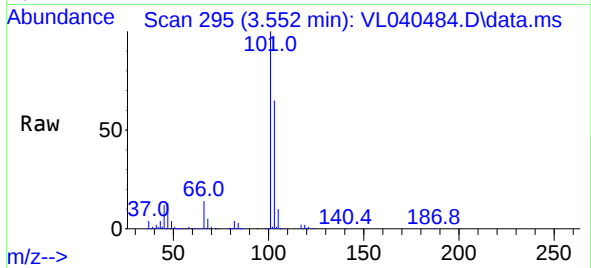




#11
 Trichlorofluoromethane
 Concen: 9.405 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

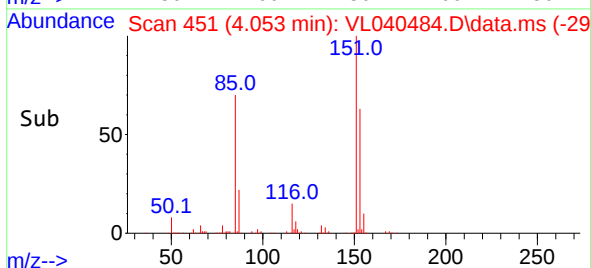
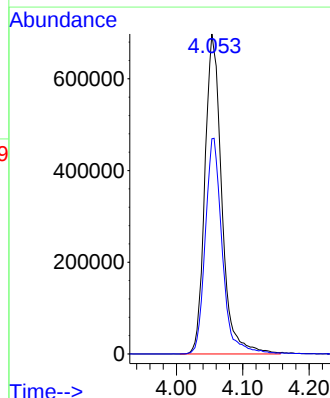
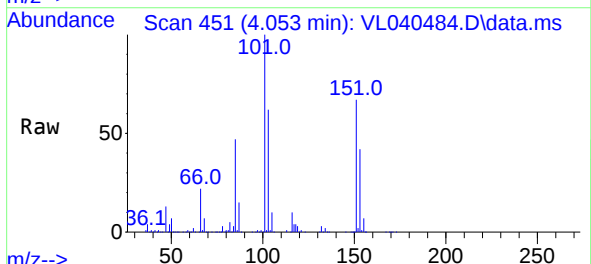
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

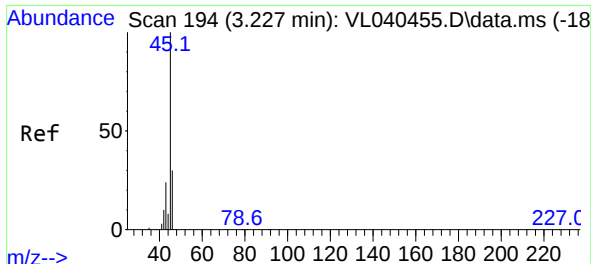
Tgt Ion:101 Resp: 1660740
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.999 ppbv
 RT: 4.053 min Scan# 451
 Delta R.T. -0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion:101 Resp: 1233389
 Ion Ratio Lower Upper
 101 100
 151 67.8 54.3 81.5

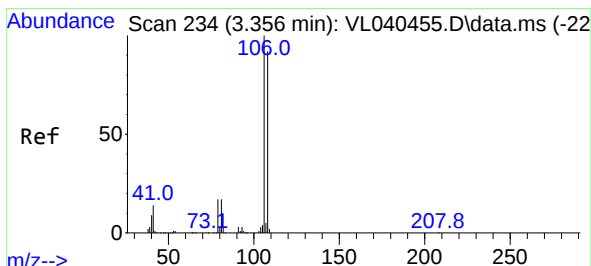
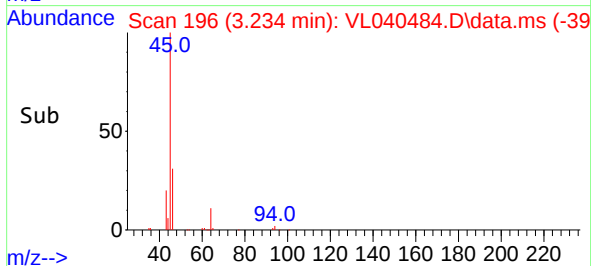
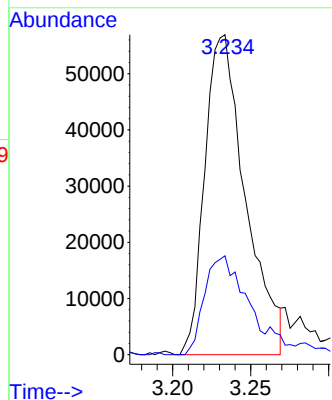
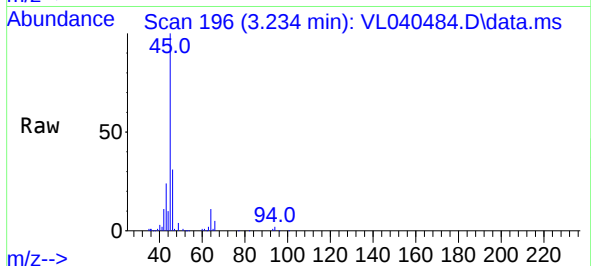




#13
Ethanol
Concen: 9.904 ppbv
RT: 3.234 min Scan# 194
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

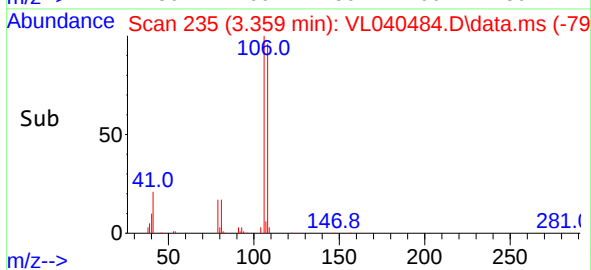
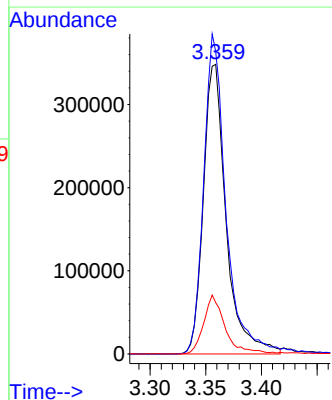
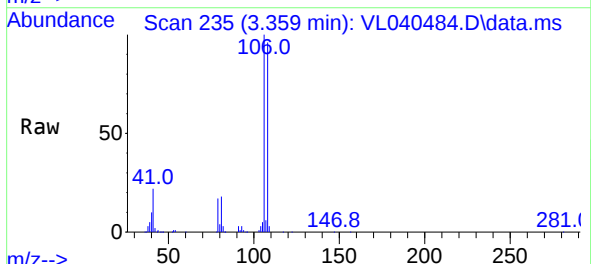
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

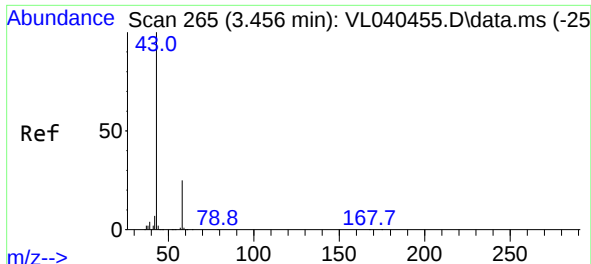
Tgt Ion: 45 Resp: 103204
Ion Ratio Lower Upper
45 100
46 36.7 14.5 58.1



#14
Bromoethene
Concen: 9.625 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:108 Resp: 496571
Ion Ratio Lower Upper
108 100
106 109.3 87.4 131.0
79 20.0 15.9 23.9

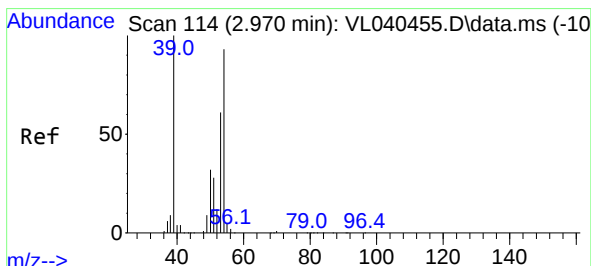
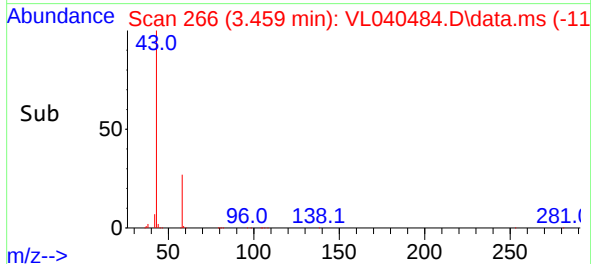
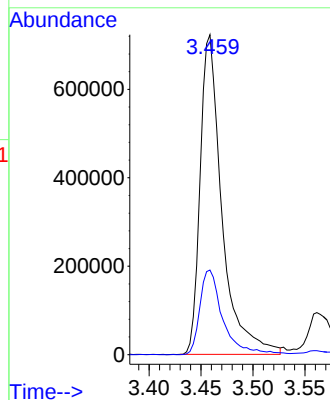
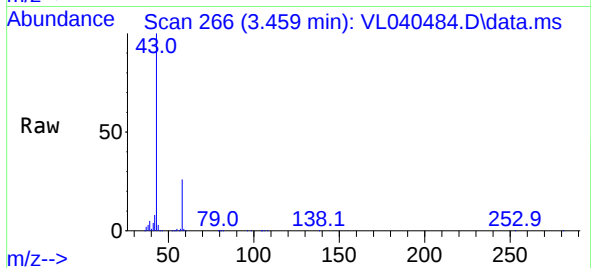




#15
Acetone
Concen: 8.786 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

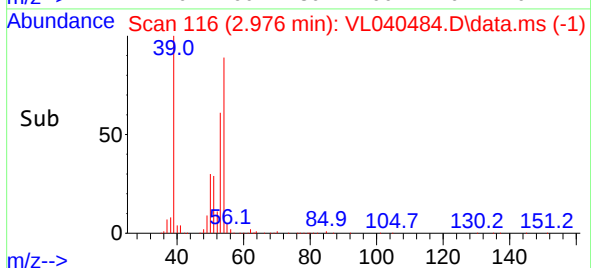
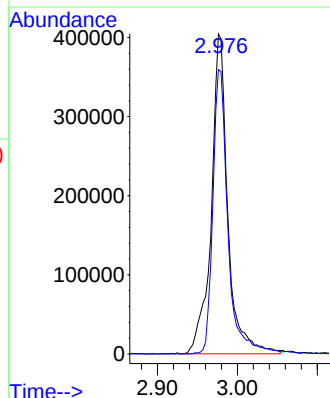
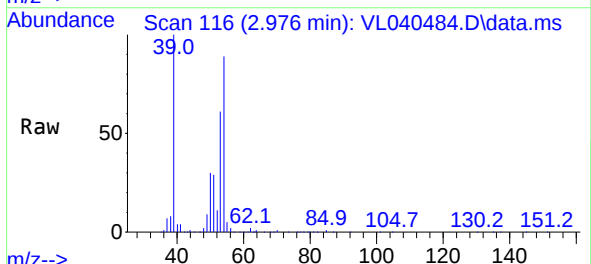
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

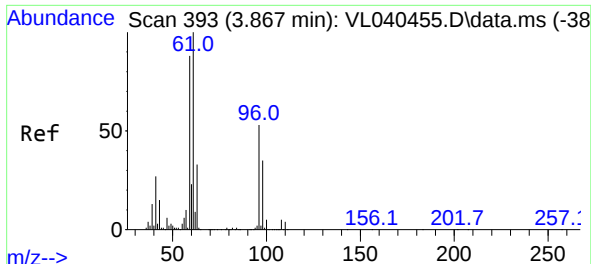
Tgt Ion: 43 Resp: 1055848
Ion Ratio Lower Upper
43 100
58 27.9 21.6 32.4



#16
1,3-Butadiene
Concen: 9.973 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 39 Resp: 583328
Ion Ratio Lower Upper
39 100
54 81.6 66.9 100.3

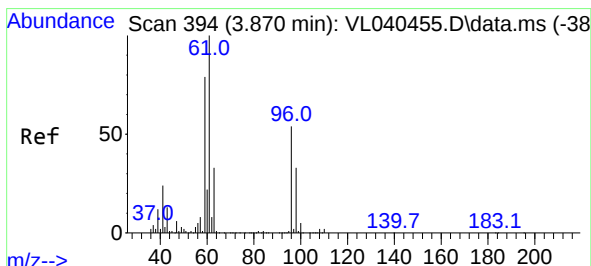
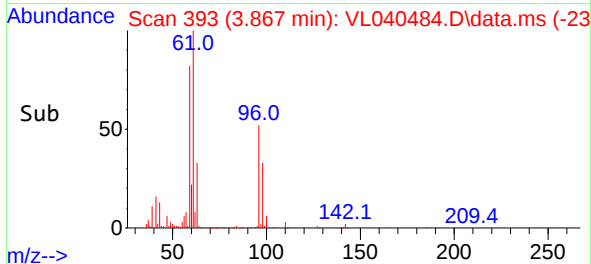
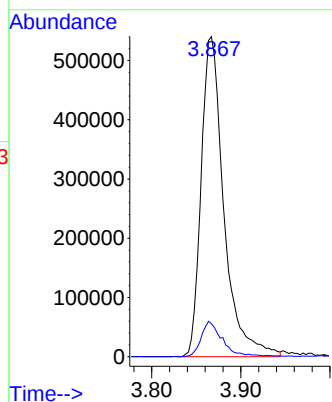
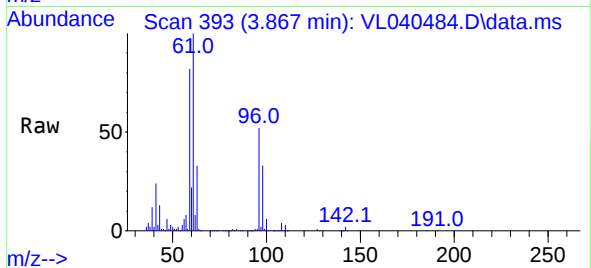




#17
tert-Butyl alcohol
Concen: 9.679 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.000 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

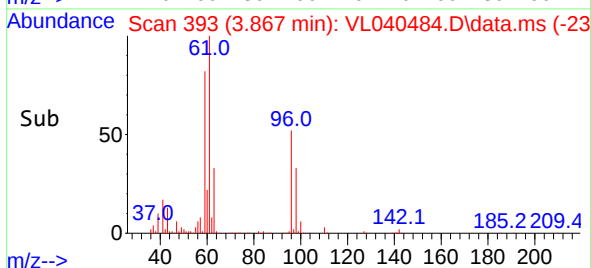
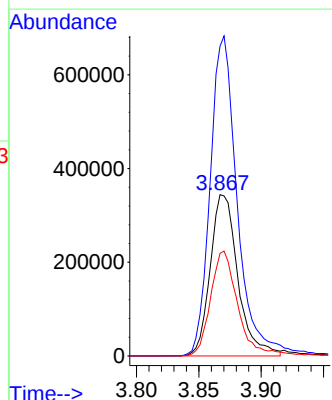
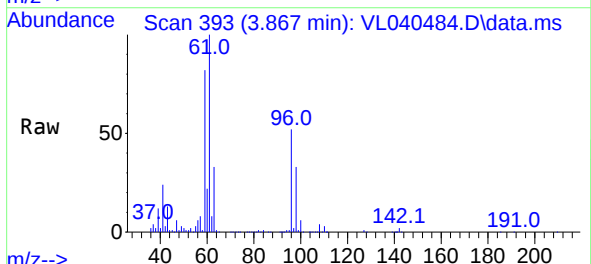
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

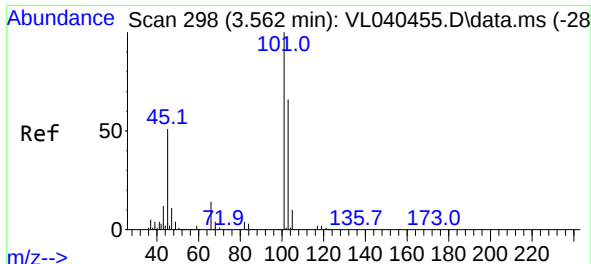
Tgt Ion: 59 Resp: 956175
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2



#18
1,1-Dichloroethene
Concen: 9.690 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 96 Resp: 532582
Ion Ratio Lower Upper
96 100
61 191.9 149.5 224.3
98 63.6 48.7 73.1

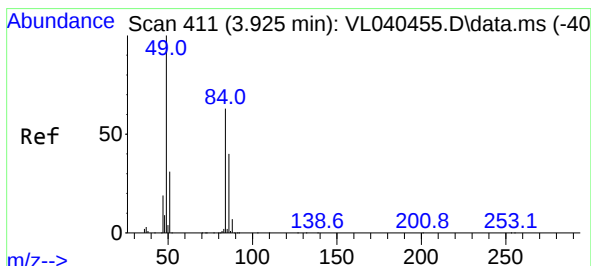
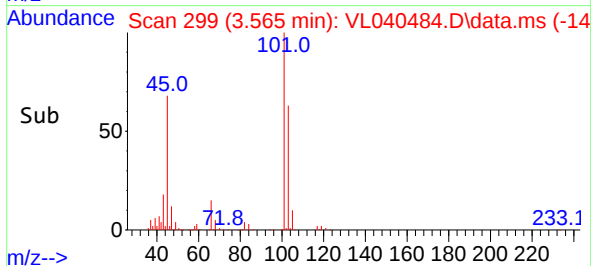
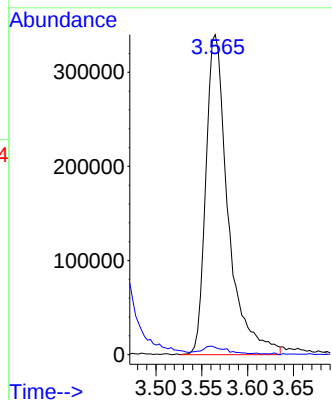
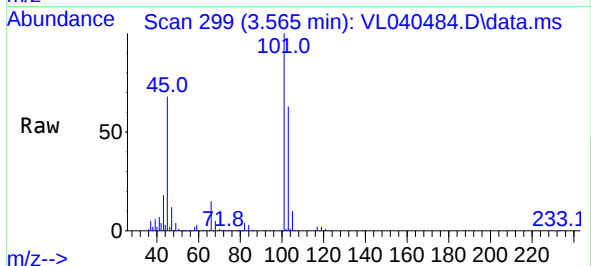




#19
Isopropyl Alcohol
Concen: 9.920 ppbv
RT: 3.565 min Scan# 298
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

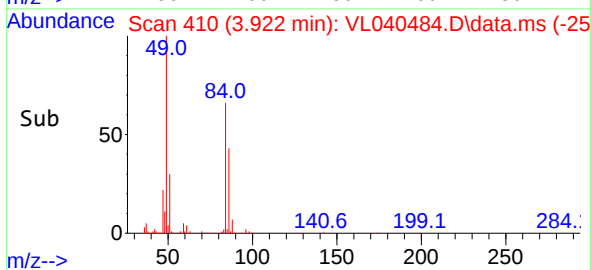
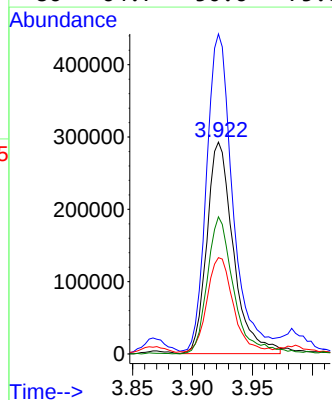
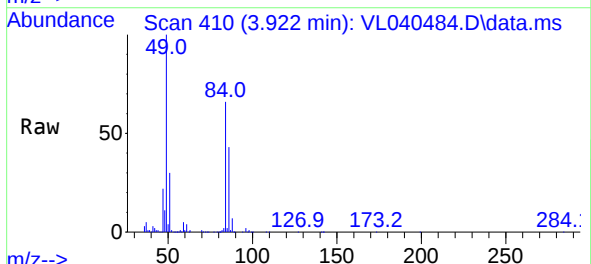
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

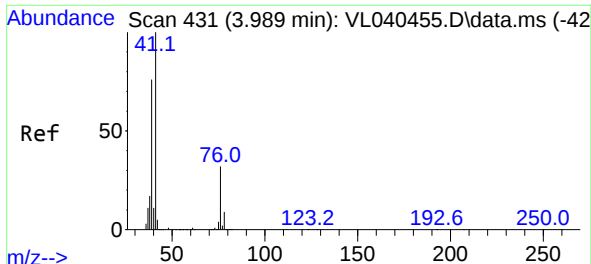
Tgt Ion: 45 Resp: 574573
Ion Ratio Lower Upper
45 100
58 3.2 2.6 4.0



#20
Methylene Chloride
Concen: 8.784 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 84 Resp: 450519
Ion Ratio Lower Upper
84 100
49 150.0 126.2 189.2
51 44.5 38.7 58.1
86 64.7 50.6 75.8

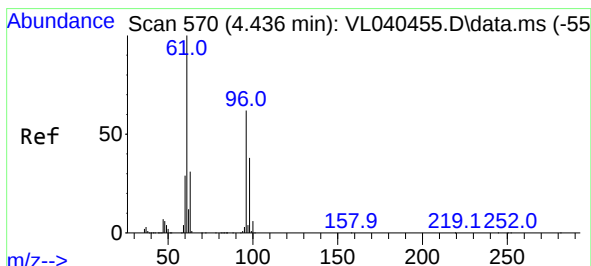
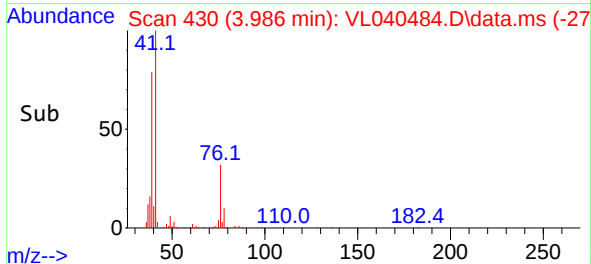
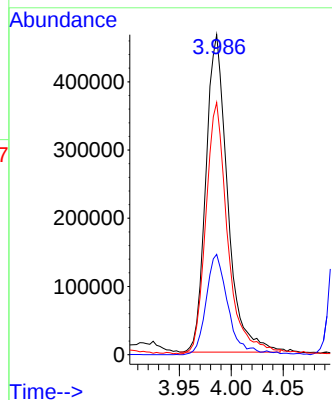
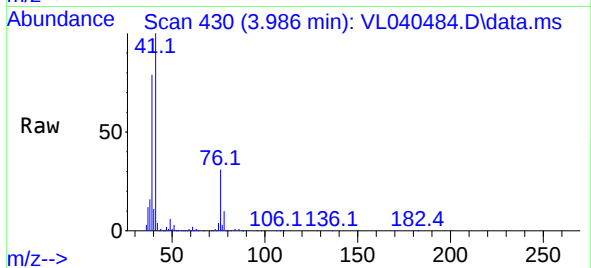




#21
 Allyl Chloride
 Concen: 9.957 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

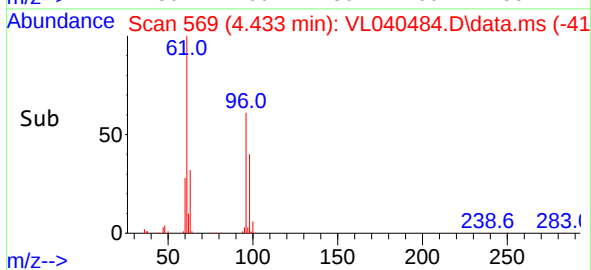
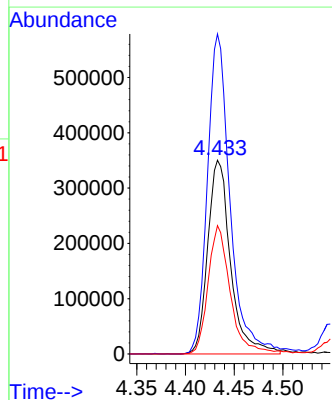
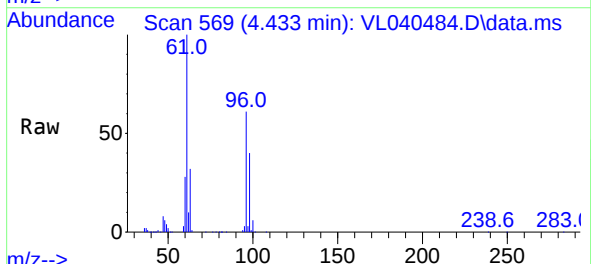
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

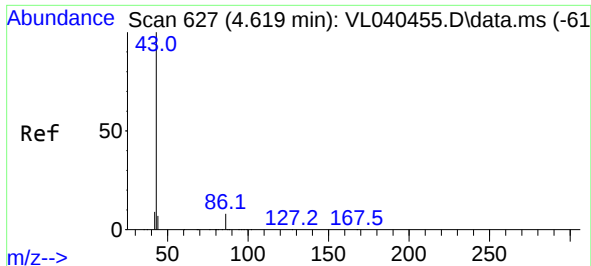
Tgt Ion: 41 Resp: 675879
 Ion Ratio Lower Upper
 41 100
 76 32.3 26.1 39.1
 39 80.4 63.9 95.9



#22
 trans-1,2-Dichloroethene
 Concen: 10.137 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 96 Resp: 571629
 Ion Ratio Lower Upper
 96 100
 61 165.2 128.1 192.1
 98 66.2 48.2 72.4



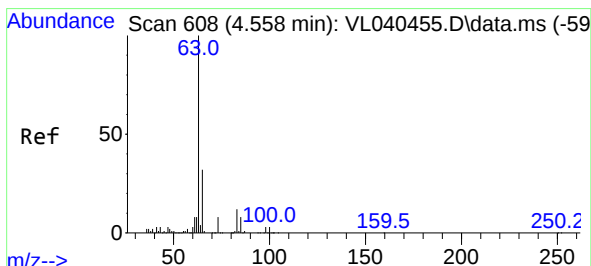
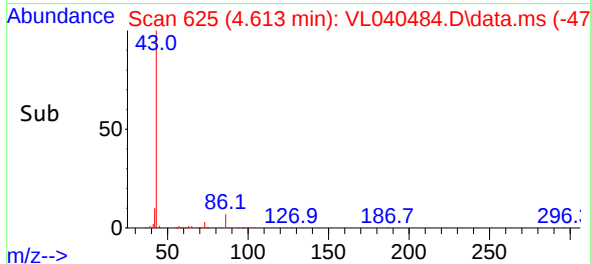
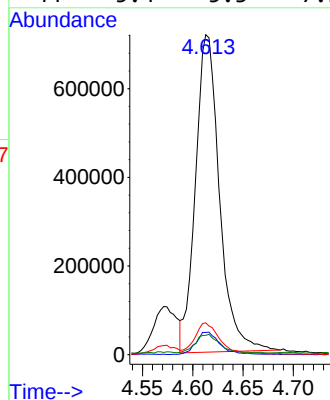
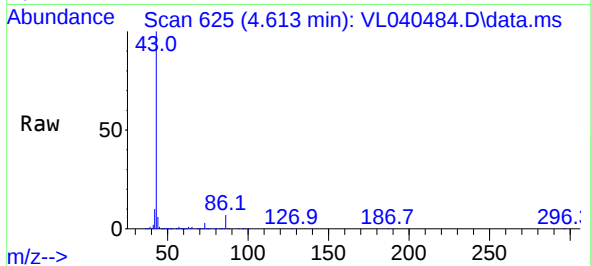


#23
 Vinyl Acetate
 Concen: 10.118 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1187633

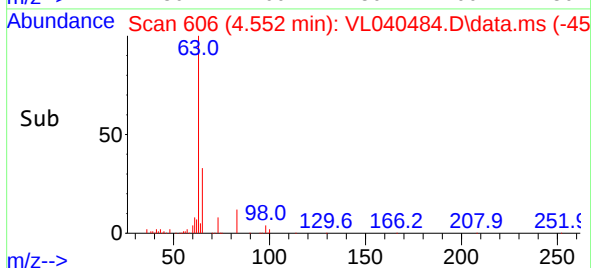
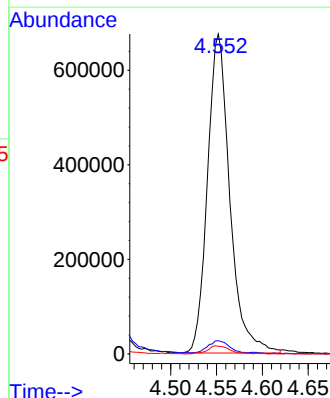
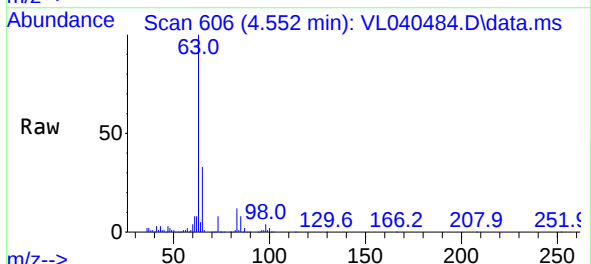
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.8	8.6
42	9.7	7.4	11.2
44	5.4	5.3	7.9

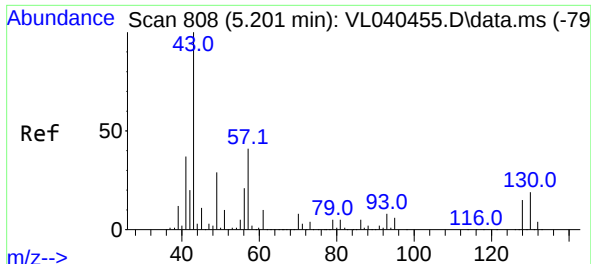


#24
 1,1-Dichloroethane
 Concen: 9.695 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.007 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 63 Resp: 1141490

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.5
100	2.4	1.4	4.0



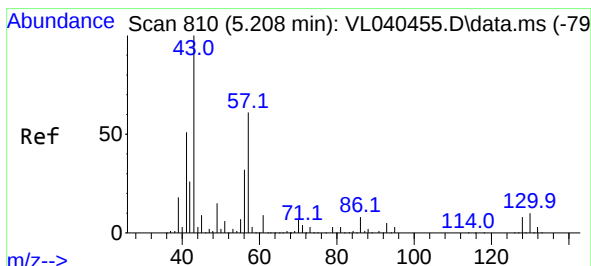
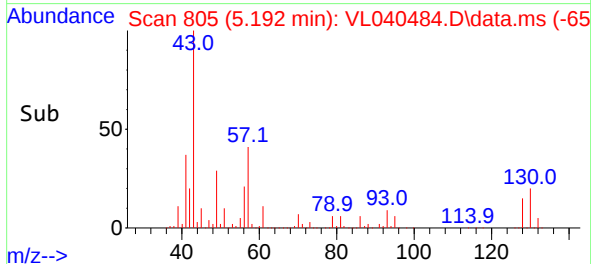
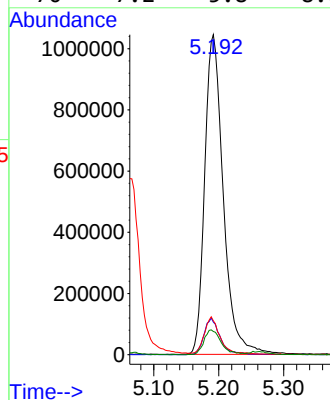
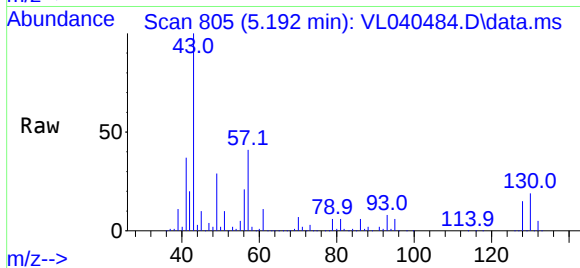


#25
Ethyl Acetate
Concen: 9.559 ppbv
RT: 5.192 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2081668

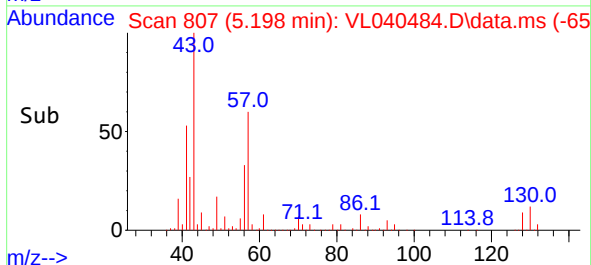
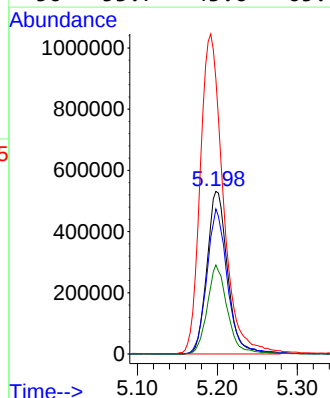
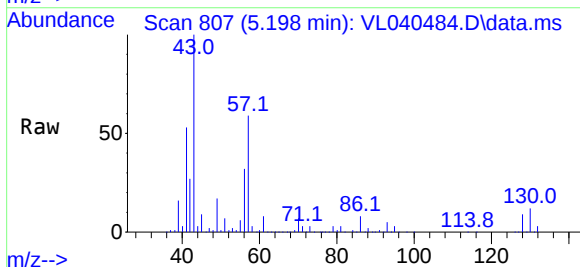
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	10.1	8.1	12.1
70	7.2	5.8	8.6

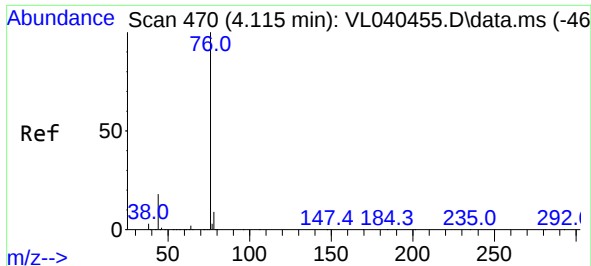


#26
Hexane
Concen: 9.213 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 57 Resp: 949989

Ion	Ratio	Lower	Upper
57	100		
41	90.6	73.0	109.6
43	219.8	177.5	266.3
56	53.7	43.6	65.4

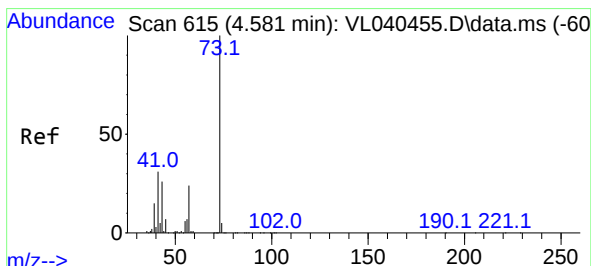
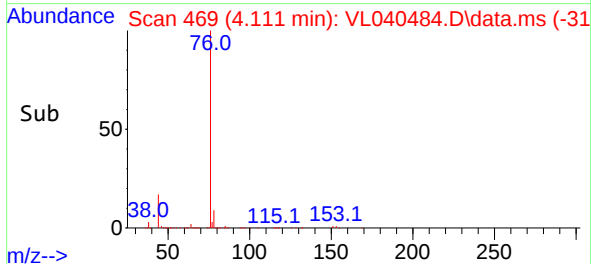
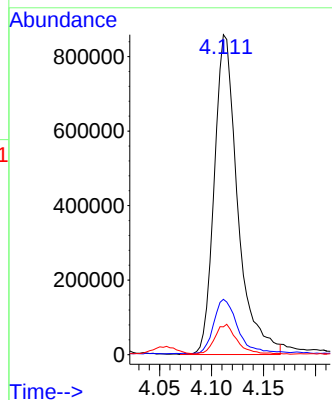
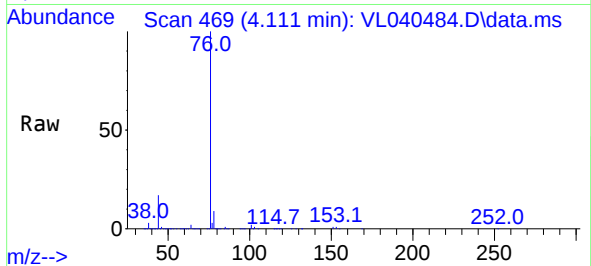




#27
Carbon Disulfide
Concen: 10.429 ppbv
RT: 4.111 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

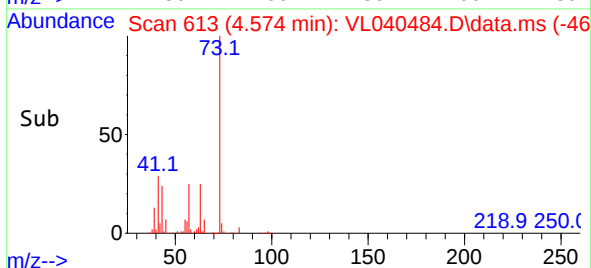
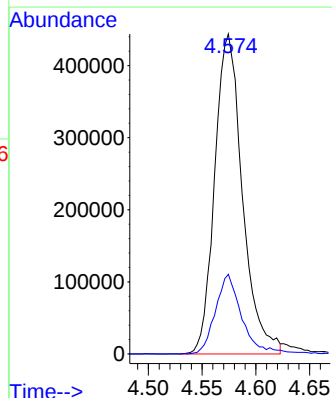
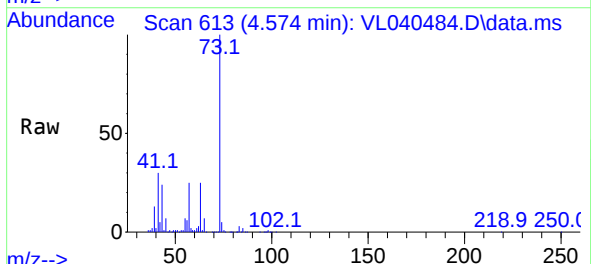
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

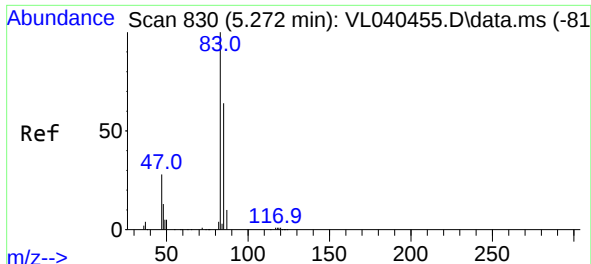
Tgt Ion: 76 Resp: 1344996
Ion Ratio Lower Upper
76 100
44 18.2 14.6 22.0
78 9.5 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 10.026 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 73 Resp: 795877
Ion Ratio Lower Upper
73 100
57 23.9 19.0 28.4





#29

Chloroform

Concen: 9.450 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

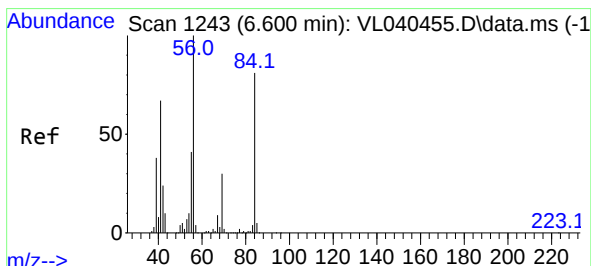
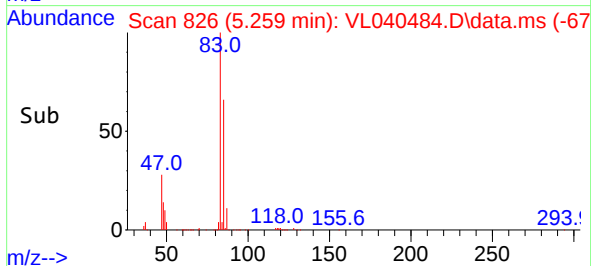
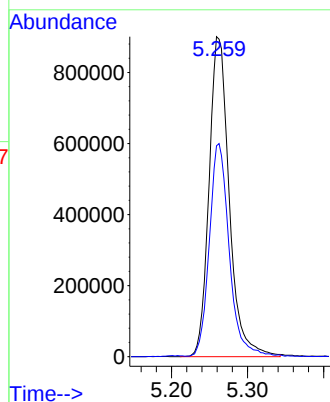
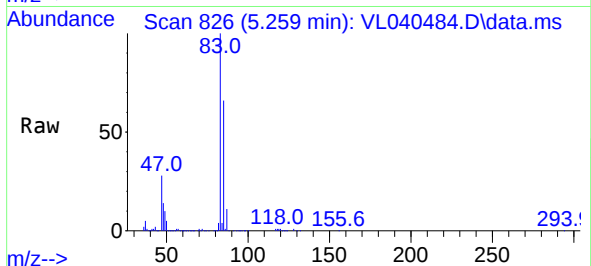
VSTDCCC010

Tgt Ion: 83 Resp: 1659951

Ion Ratio Lower Upper

83 100

85 65.6 51.1 76.7



#30

Cyclohexane

Concen: 9.845 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

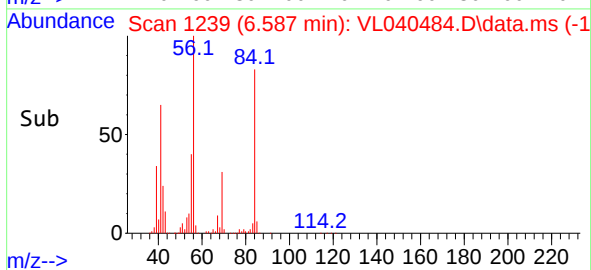
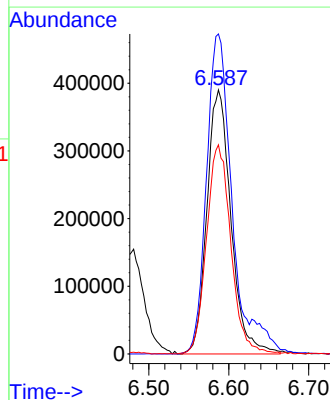
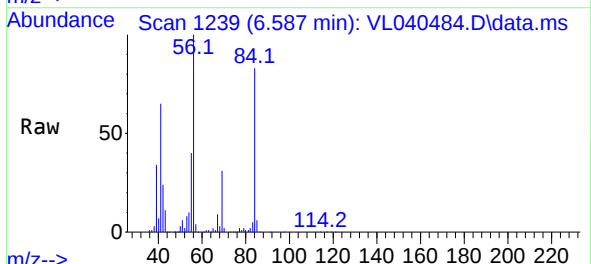
Tgt Ion: 84 Resp: 818100

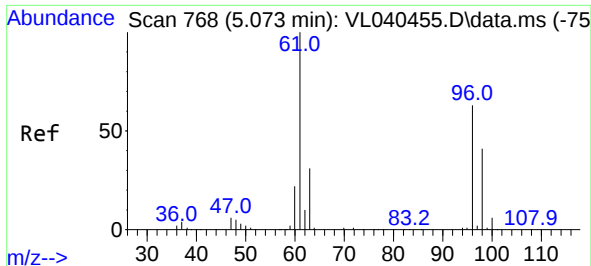
Ion Ratio Lower Upper

84 100

56 130.1 106.0 159.0

41 80.1 66.8 100.2

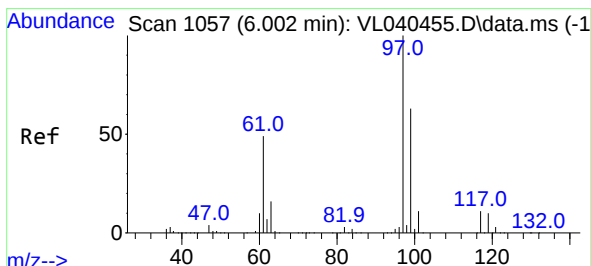
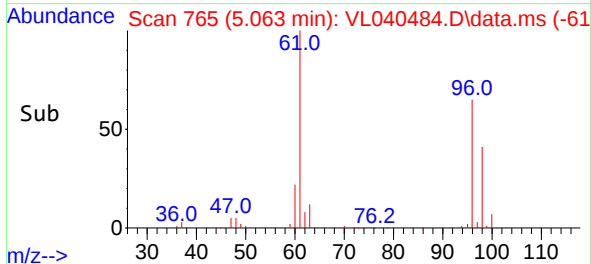
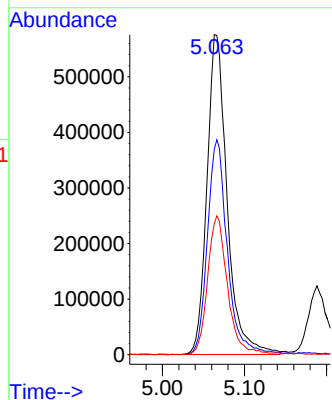
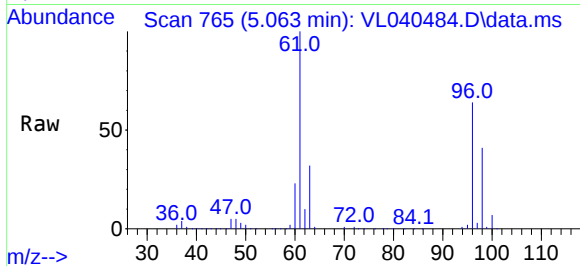




#31
 cis-1,2-Dichloroethene
 Concen: 10.003 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.010 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

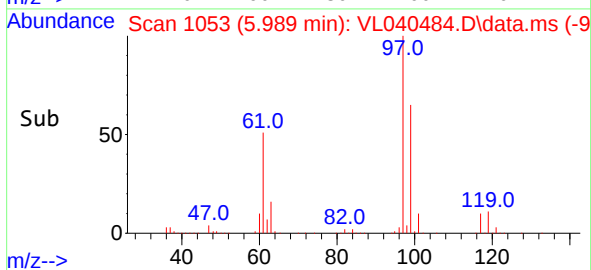
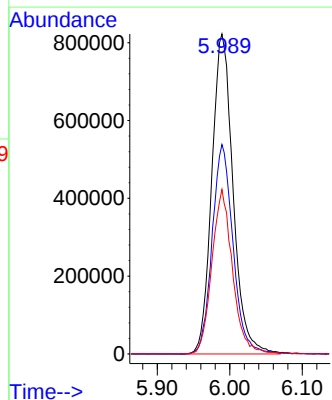
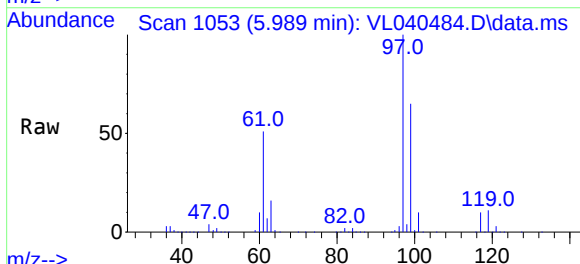
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

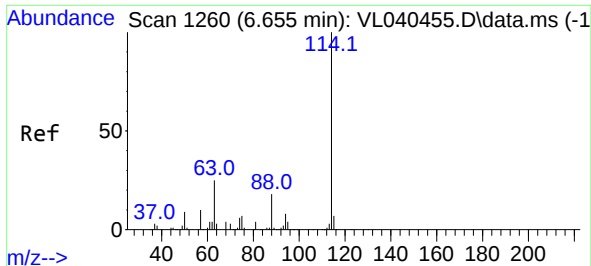
Tgt Ion: 61 Resp: 986846
 Ion Ratio Lower Upper
 61 100
 96 64.2 50.2 75.4
 98 41.0 32.9 49.3



#32
 1,1,1-Trichloroethane
 Concen: 9.653 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.013 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 97 Resp: 1673722
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 50.1 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

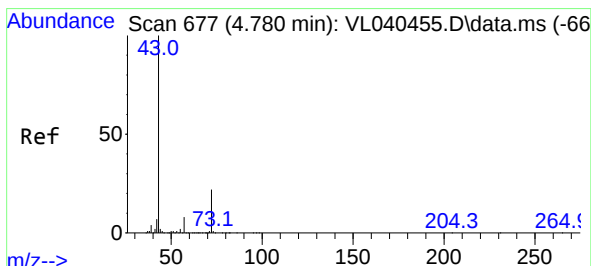
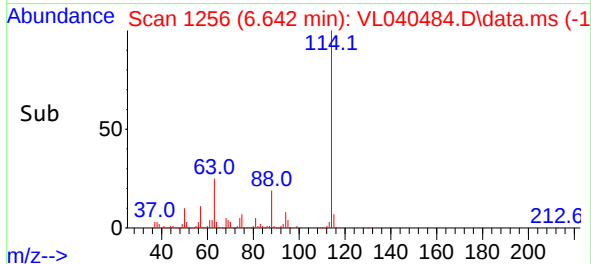
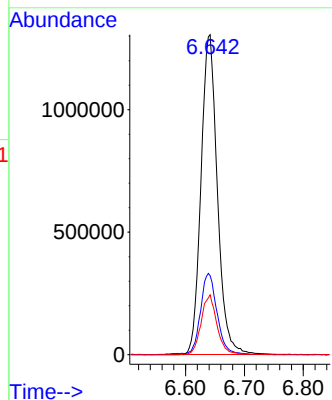
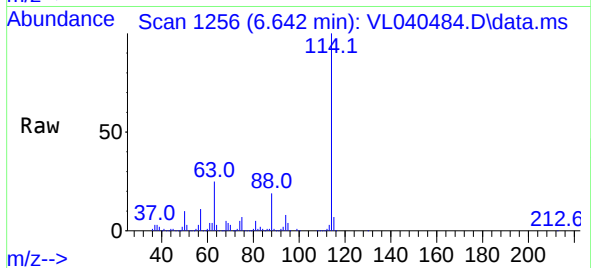
Tgt Ion:114 Resp: 2522065

Ion Ratio Lower Upper

114 100

63 26.1 21.0 31.6

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 9.280 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.007 min

Lab File: VL040484.D

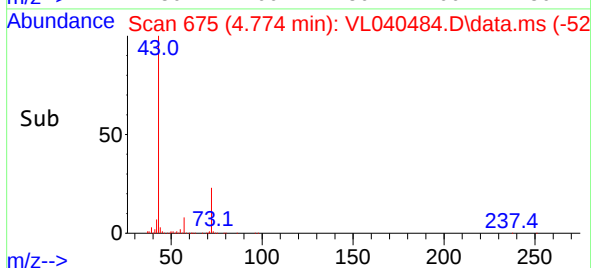
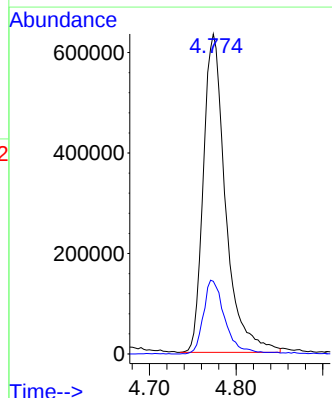
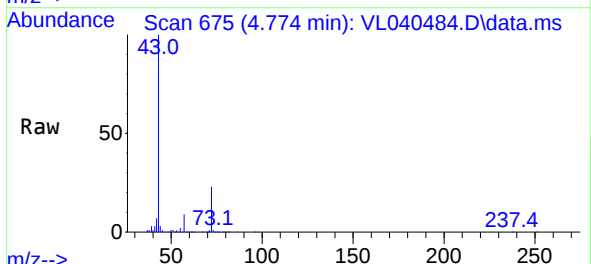
Acq: 22 Jun 2023 13:23

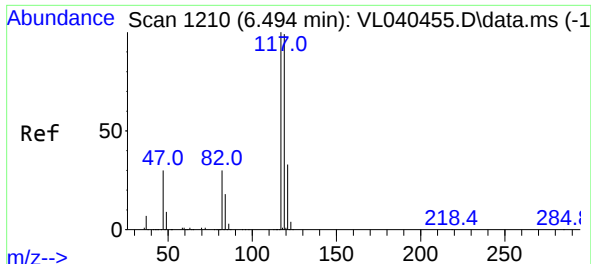
Tgt Ion: 43 Resp: 1128651

Ion Ratio Lower Upper

43 100

72 23.1 18.1 27.1

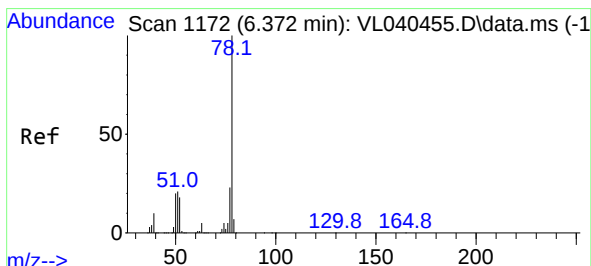
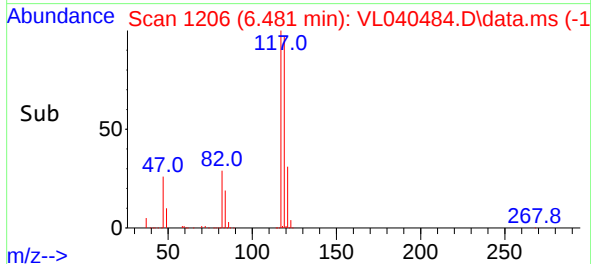
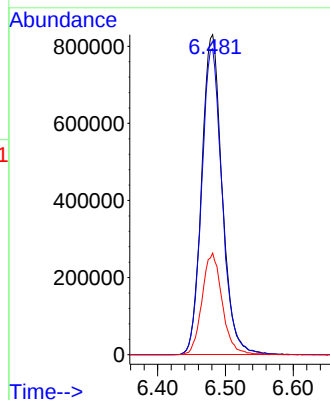
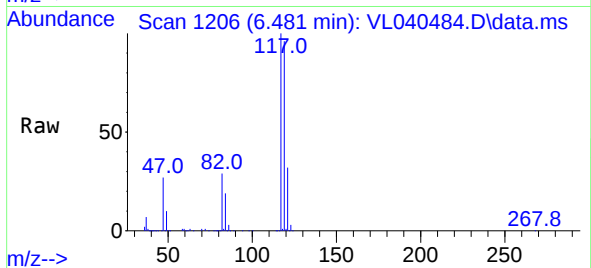




#35
Carbon Tetrachloride
Concen: 10.098 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

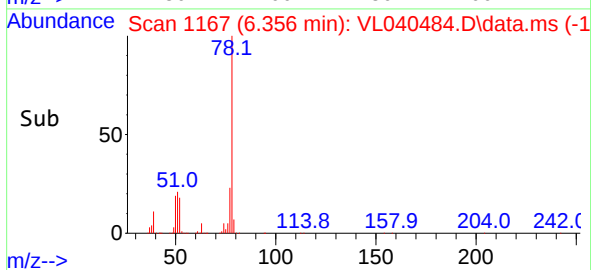
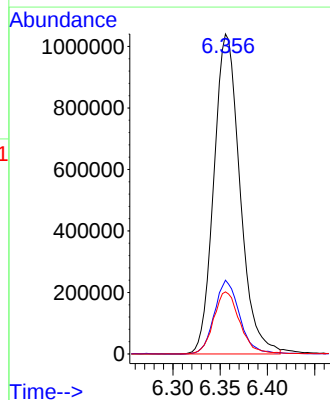
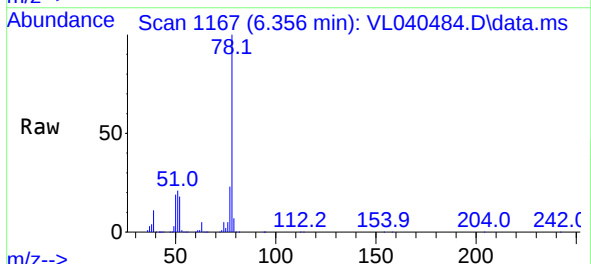
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

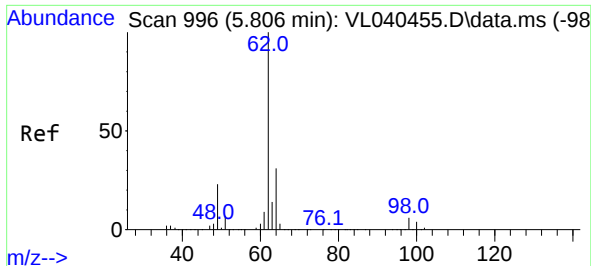
Tgt Ion:117 Resp: 1735650
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
121 31.7 26.0 39.0



#36
Benzene
Concen: 9.957 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.016 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 78 Resp: 1997556
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
50 19.4 16.1 24.1

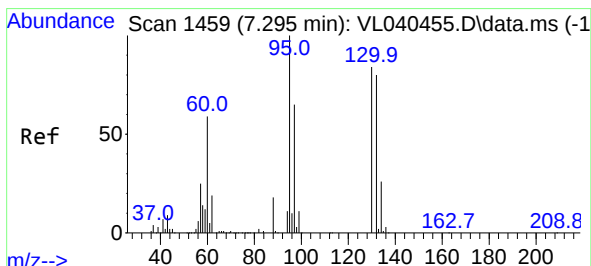
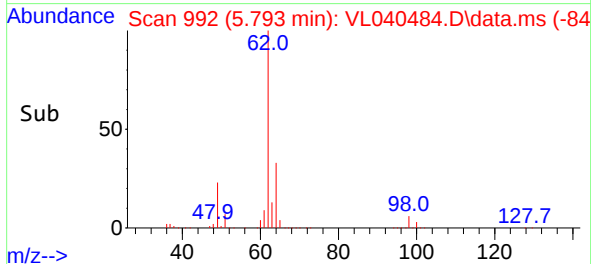
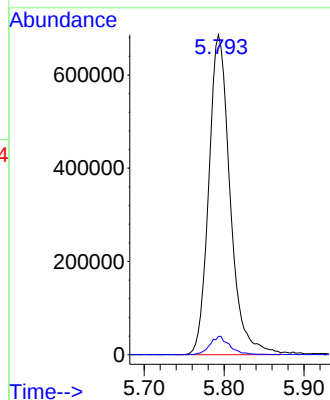
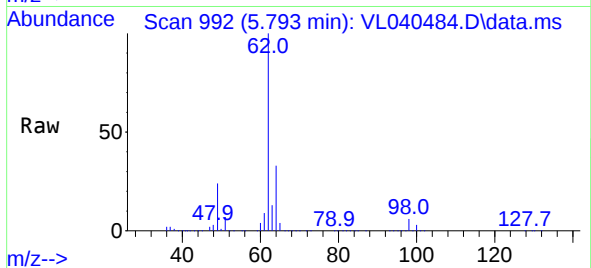




#37
1,2-Dichloroethane
Concen: 9.727 ppbv
RT: 5.793 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

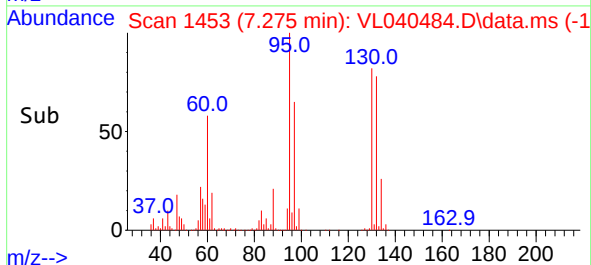
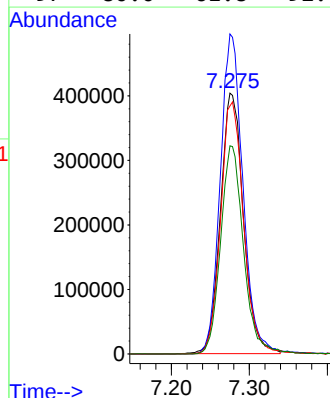
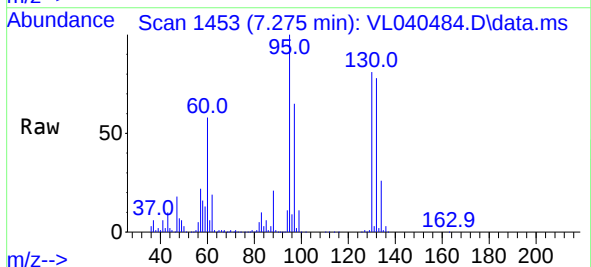
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

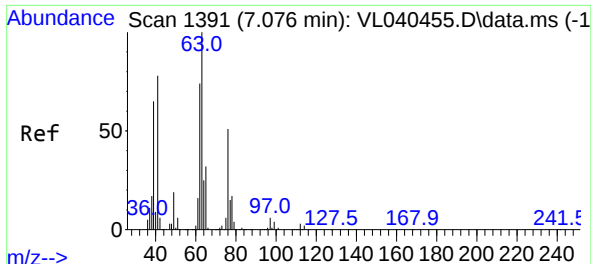
Tgt Ion: 62 Resp: 1271346
Ion Ratio Lower Upper
62 100
98 5.4 4.6 6.8



#38
Trichloroethene
Concen: 10.889 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:130 Resp: 827676
Ion Ratio Lower Upper
130 100
95 122.9 95.4 143.0
132 95.2 76.3 114.5
97 80.0 61.8 92.6





#39

1,2-Dichloropropane

Concen: 9.874 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

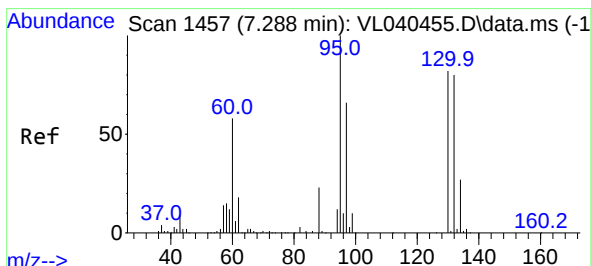
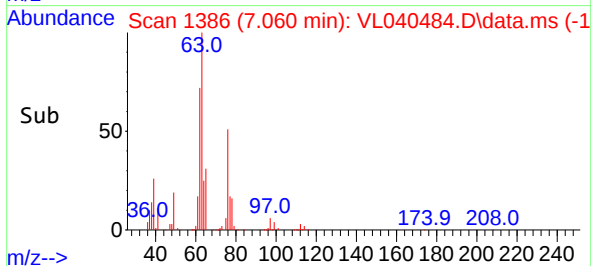
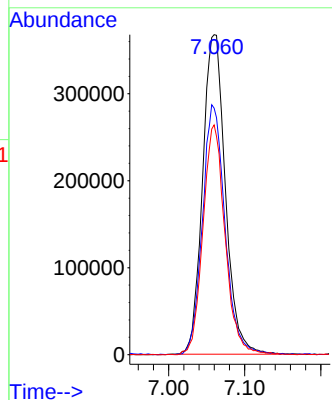
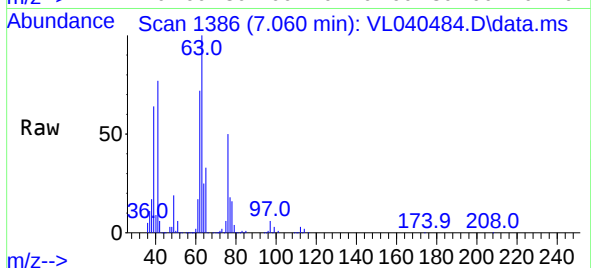
Tgt Ion: 63 Resp: 763643

Ion Ratio Lower Upper

63 100

41 76.9 62.2 93.2

62 71.7 59.0 88.4



#40

1,4-Dioxane

Concen: 9.913 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Tgt Ion: 88 Resp: 217153

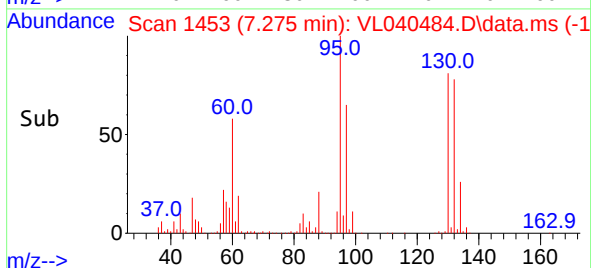
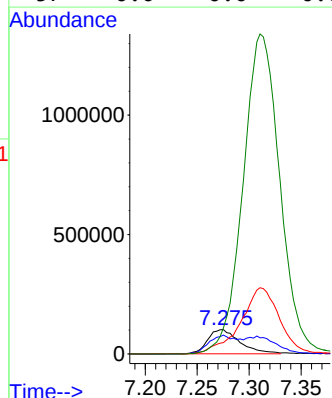
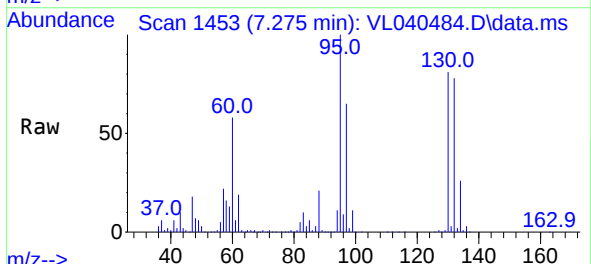
Ion Ratio Lower Upper

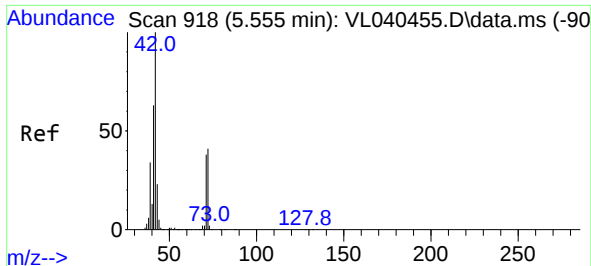
88 100

58 72.7 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.221 ppbv

RT: 5.542 min Scan# 918

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

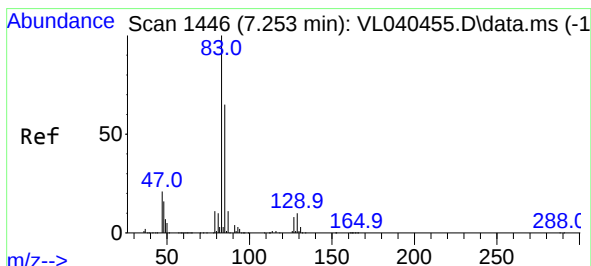
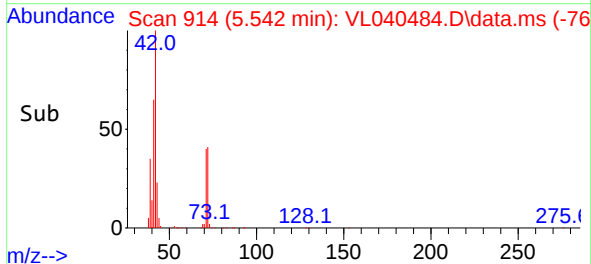
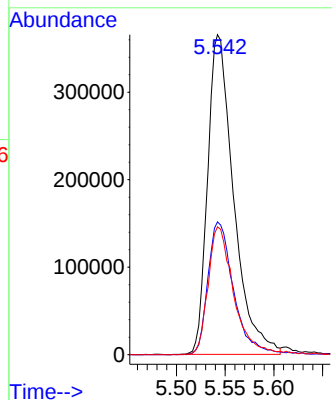
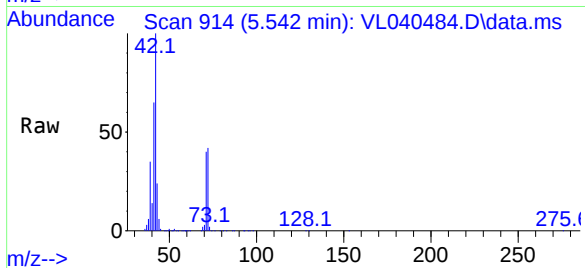
Tgt Ion: 42 Resp: 679422

Ion Ratio Lower Upper

42 100

72 41.5 33.8 50.8

71 39.9 32.3 48.5



#42

Bromodichloromethane

Concen: 10.091 ppbv

RT: 7.233 min Scan# 1440

Delta R.T. -0.019 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

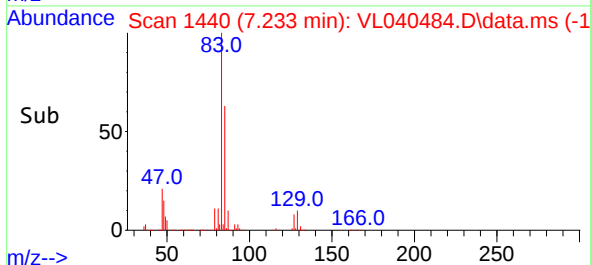
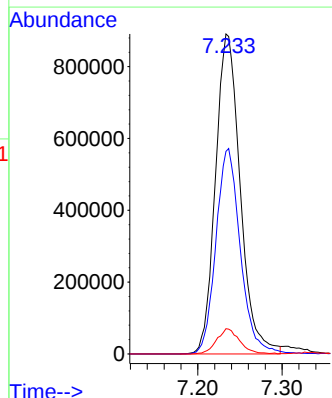
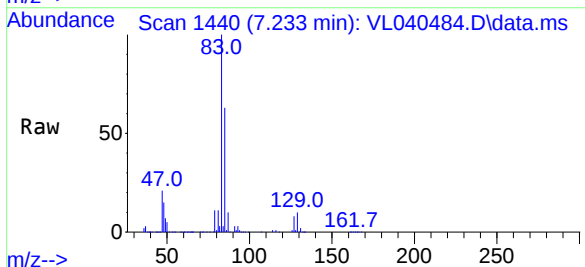
Tgt Ion: 83 Resp: 1816207

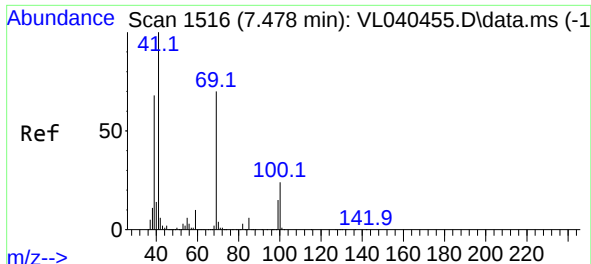
Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

127 7.9 6.1 9.1

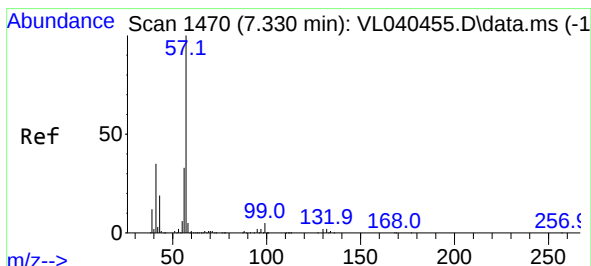
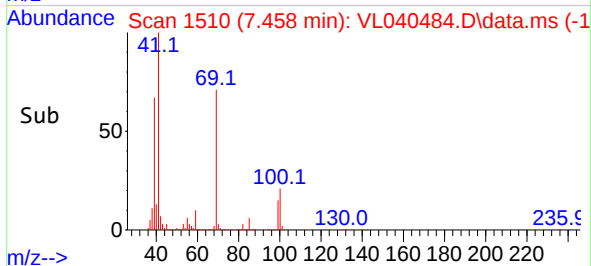
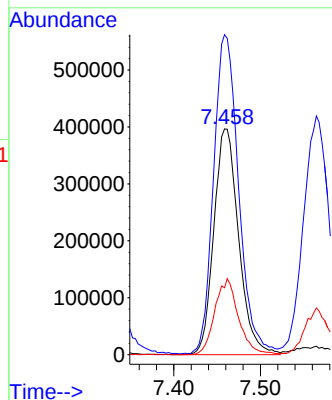
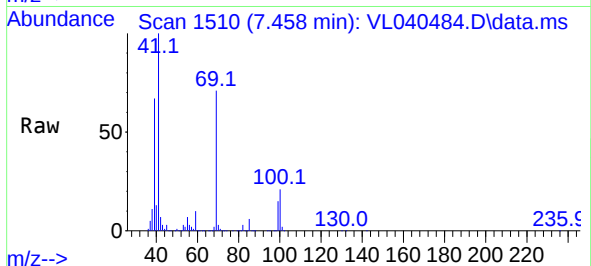




#43
Methyl Methacrylate
Concen: 10.944 ppbv
RT: 7.458 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

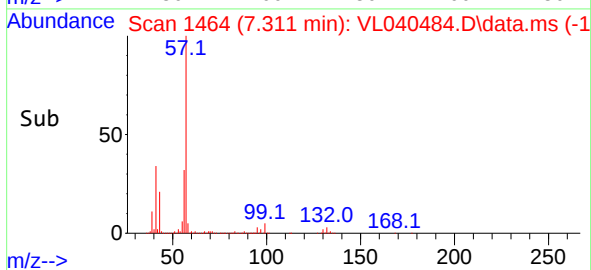
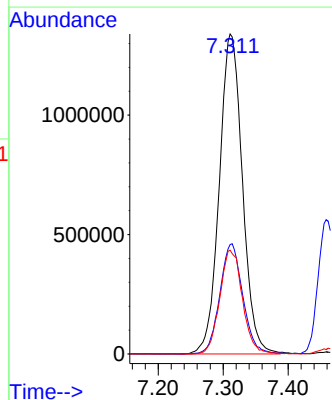
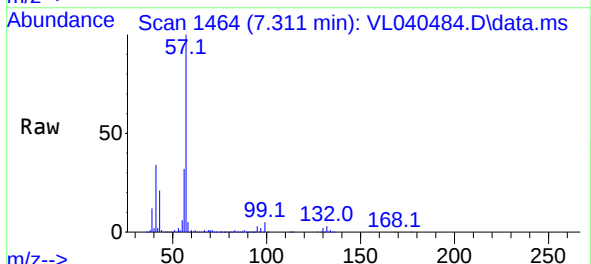
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

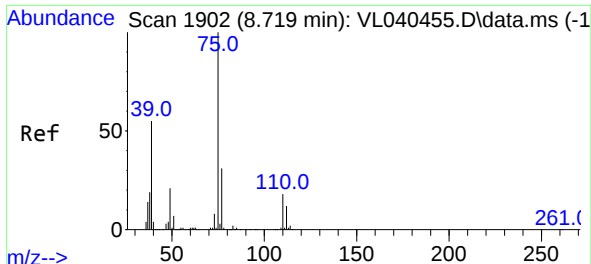
Tgt Ion: 69 Resp: 788667
Ion Ratio Lower Upper
69 100
41 143.7 114.3 171.5
100 32.2 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.083 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 57 Resp: 3305730
Ion Ratio Lower Upper
57 100
41 34.2 27.8 41.8
56 31.8 25.3 37.9

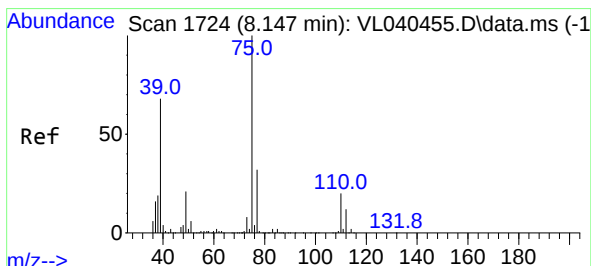
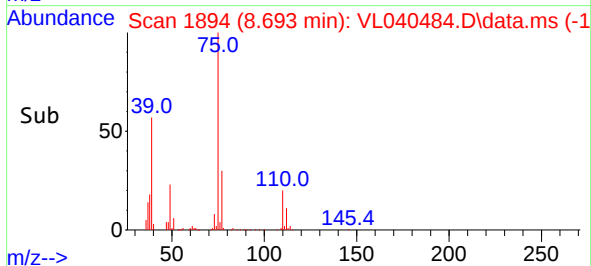
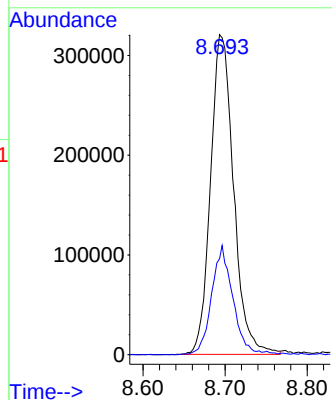
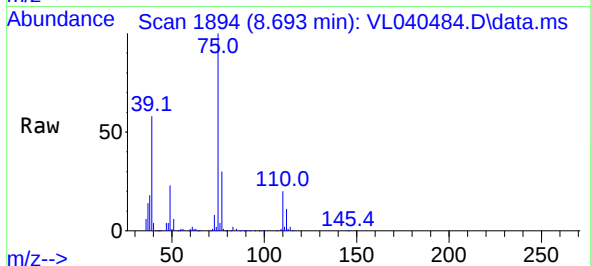




#45
 t-1,3-Dichloropropene
 Concen: 11.774 ppbv
 RT: 8.693 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

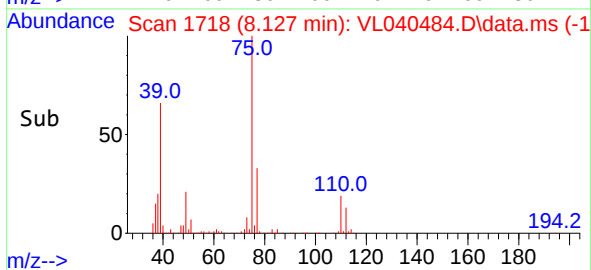
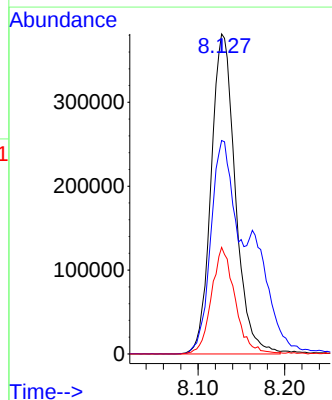
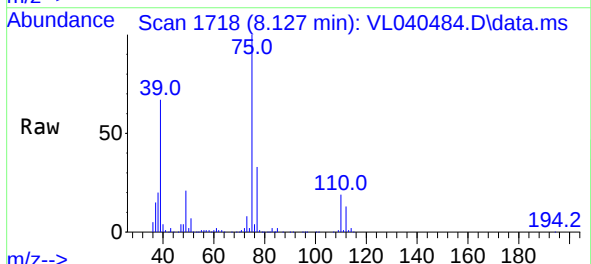
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

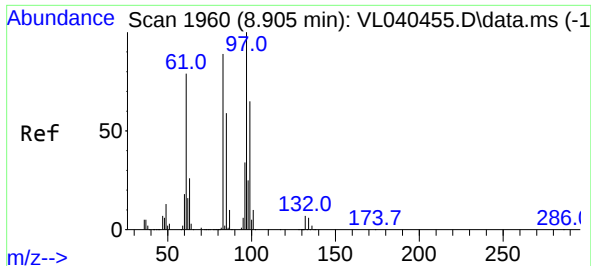
Tgt Ion: 75 Resp: 626513
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.439 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. -0.019 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 75 Resp: 742043
 Ion Ratio Lower Upper
 75 100
 39 66.5 54.2 81.4
 77 33.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.994 ppbv

RT: 8.883 min Scan# 1960

Delta R.T. -0.023 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 849437

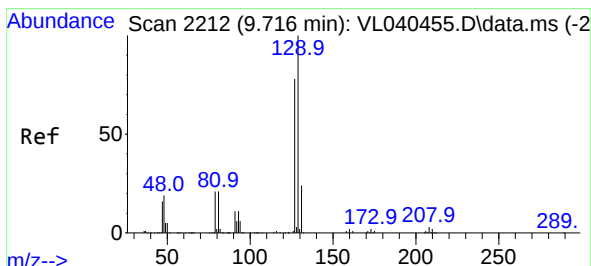
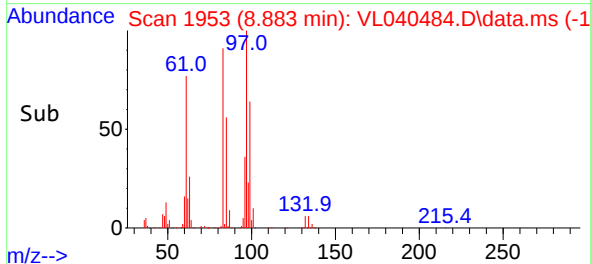
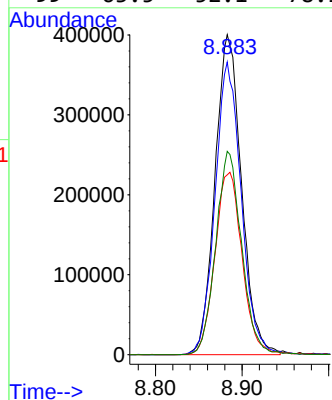
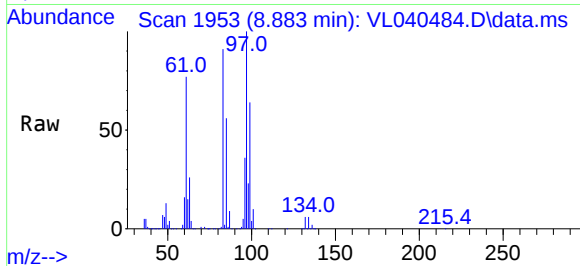
Ion Ratio Lower Upper

97 100

83 91.5 71.4 107.2

85 56.1 47.2 70.8

99 63.5 52.1 78.1



#48

Dibromochloromethane

Concen: 10.573 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.023 min

Lab File: VL040484.D

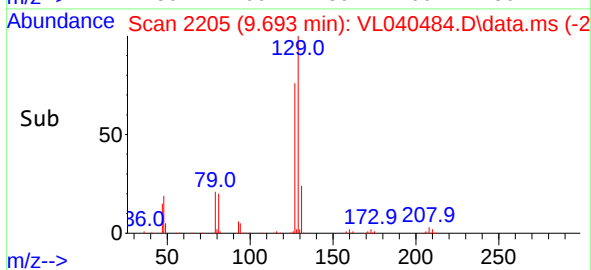
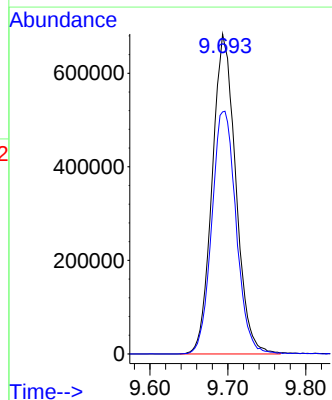
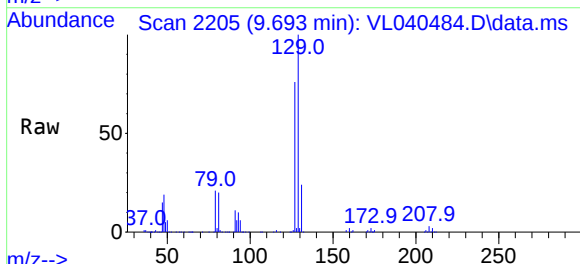
Acq: 22 Jun 2023 13:23

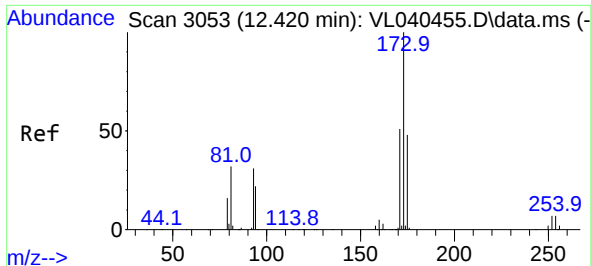
Tgt Ion: 129 Resp: 1436676

Ion Ratio Lower Upper

129 100

127 78.7 39.4 118.1

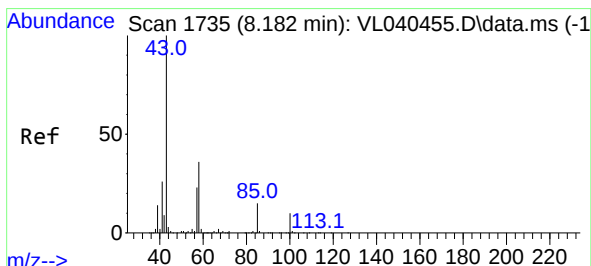
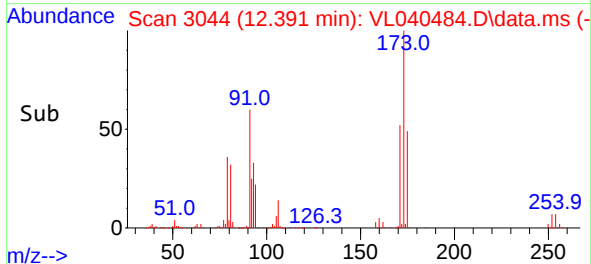
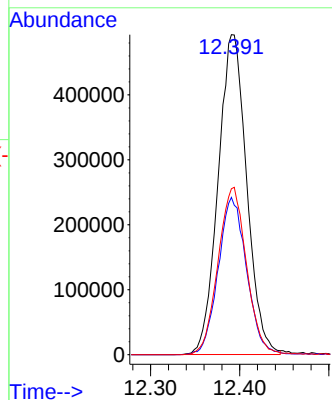
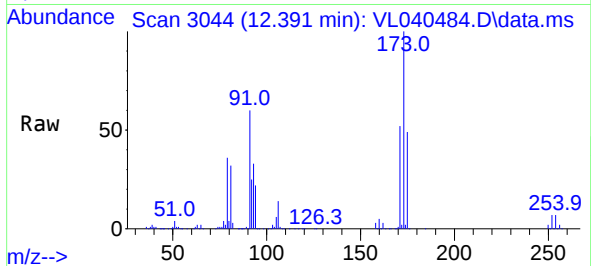




#49
Bromoform
Concen: 10.673 ppbv
RT: 12.391 min Scan# 3053
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

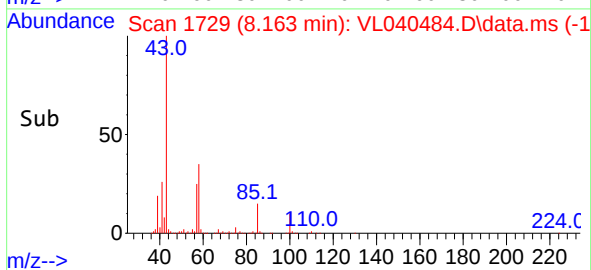
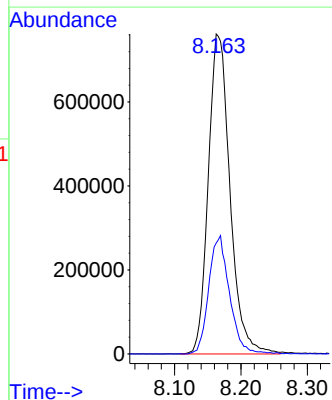
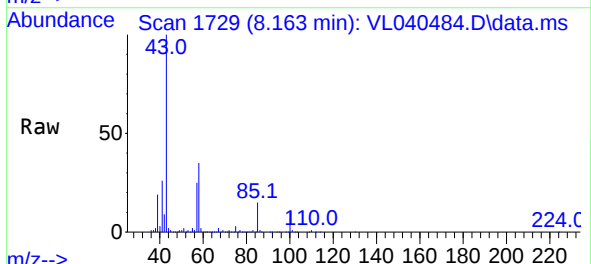
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

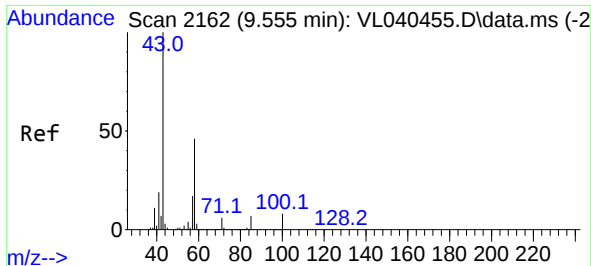
Tgt Ion:173 Resp: 1097331
Ion Ratio Lower Upper
173 100
175 49.1 39.2 58.8
171 52.5 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.636 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 43 Resp: 1732478
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4



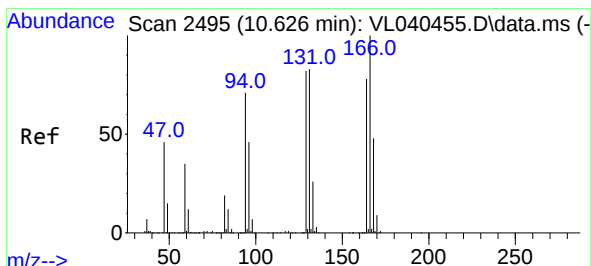
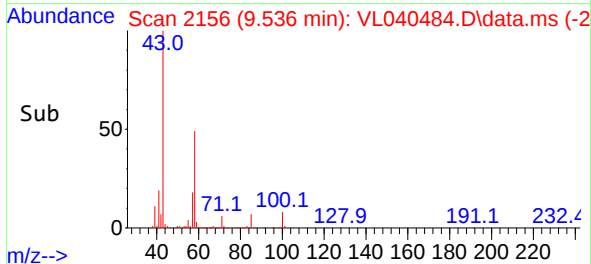
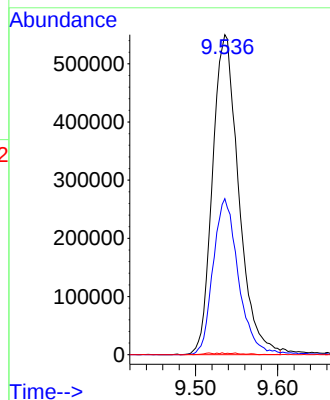
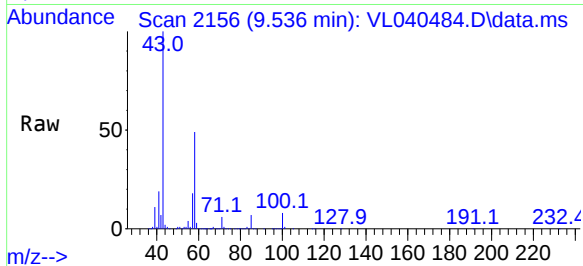


#51
2-Hexanone
Concen: 10.778 ppbv
RT: 9.536 min Scan# 2162
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1218760

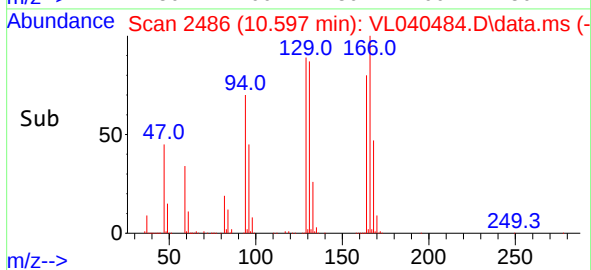
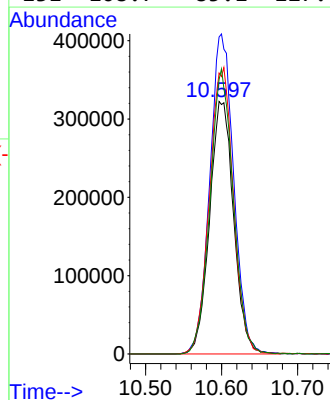
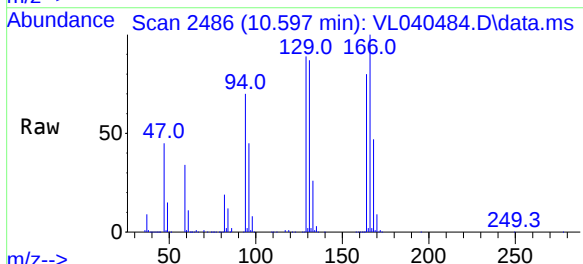
Ion	Ratio	Lower	Upper
43	100		
58	47.5	37.1	55.7
98	0.7	0.5	0.7

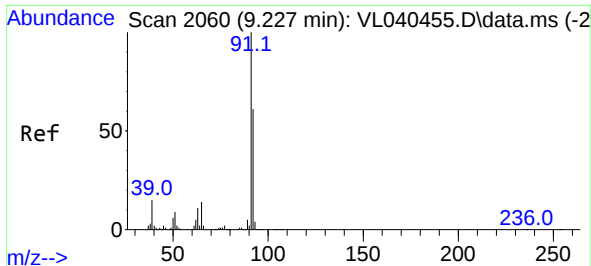


#52
Tetrachloroethene
Concen: 11.226 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 164 Resp: 707146

Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.7	154.1
129	111.1	84.6	126.8
131	108.7	85.1	127.7

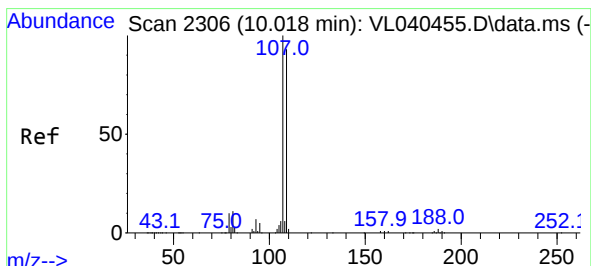
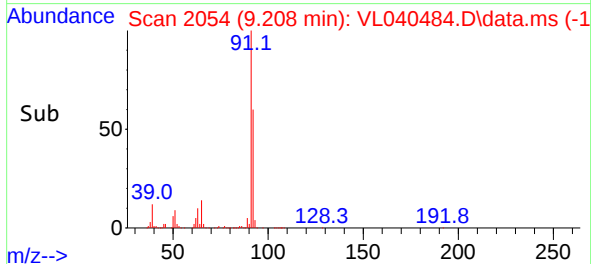
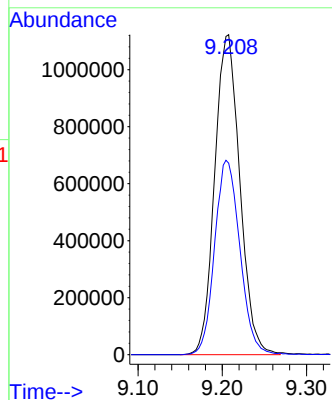
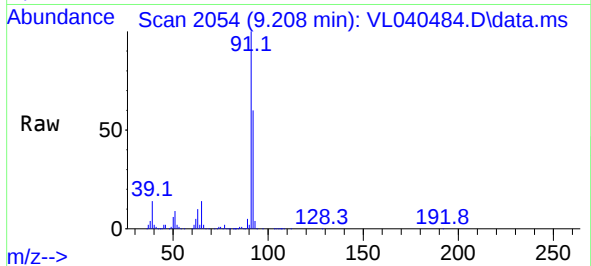




#53
Toluene
Concen: 11.014 ppbv
RT: 9.208 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

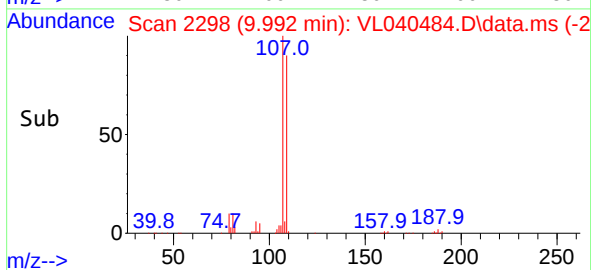
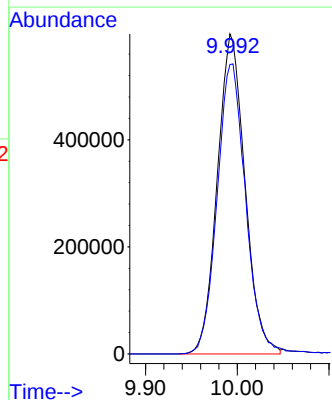
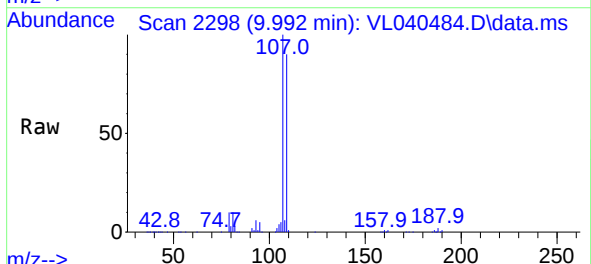
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

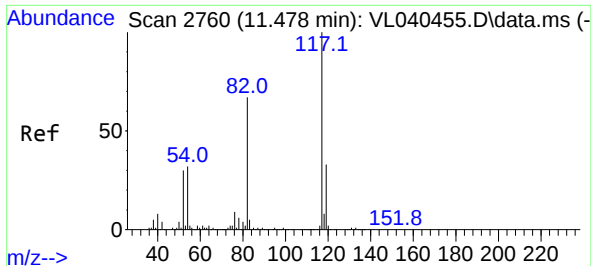
Tgt Ion: 91 Resp: 2327238
Ion Ratio Lower Upper
91 100
92 61.2 49.1 73.7



#54
1,2-Dibromoethane
Concen: 11.229 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 107 Resp: 1251137
Ion Ratio Lower Upper
107 100
109 90.4 74.5 111.7

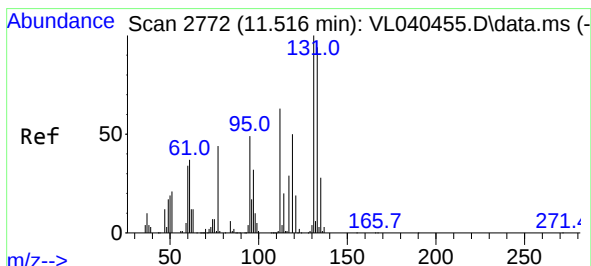
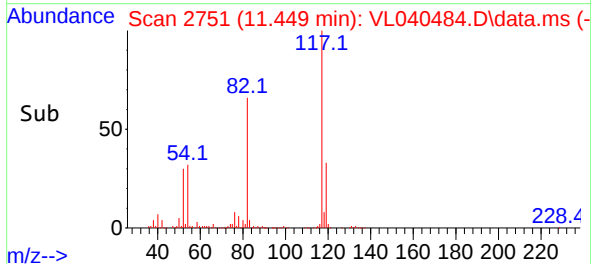
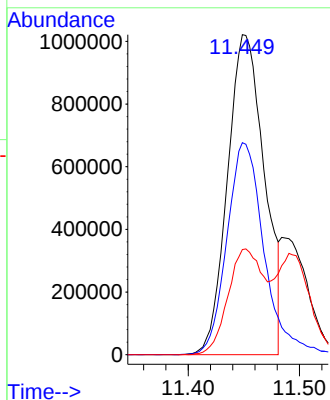
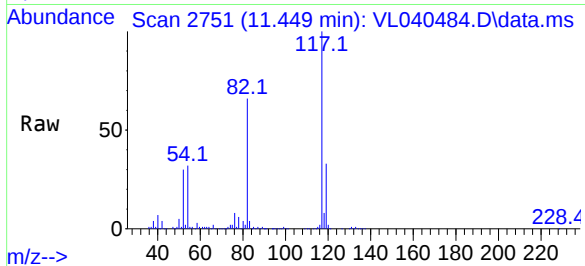




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

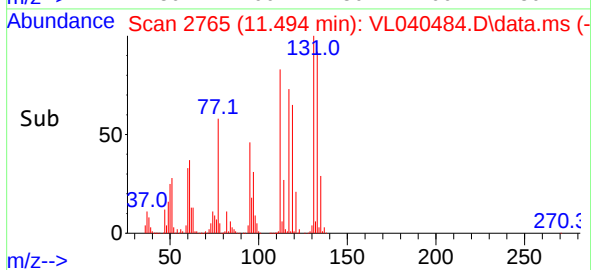
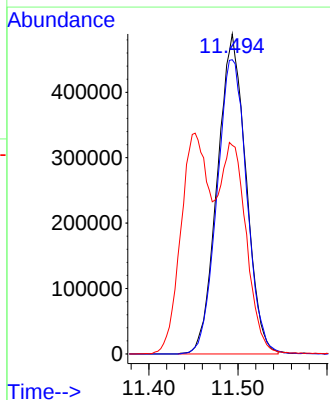
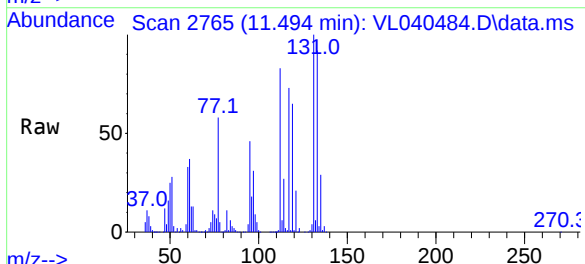
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

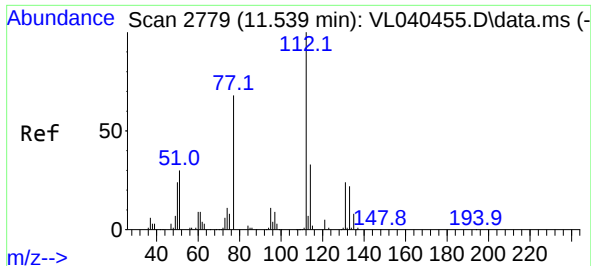
Tgt Ion:117 Resp: 2355416
Ion Ratio Lower Upper
117 100
82 67.0 53.0 79.4
119 35.0 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 9.833 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.023 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:131 Resp: 1088551
Ion Ratio Lower Upper
131 100
133 96.0 75.7 113.5
119 65.3 51.4 77.2

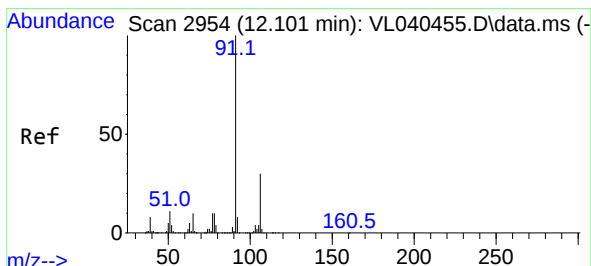
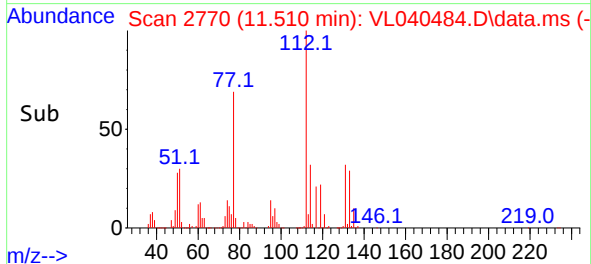
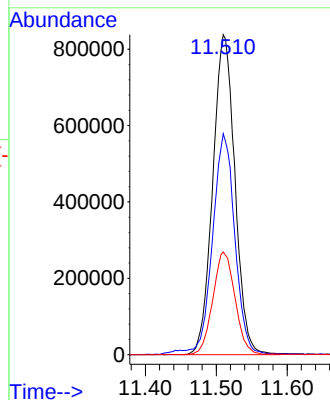
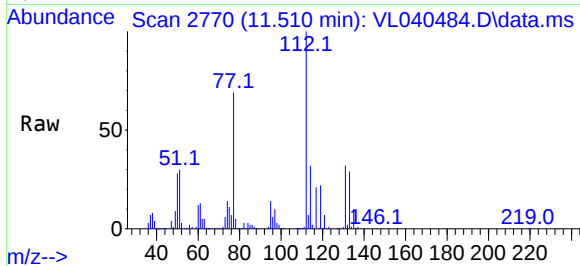




#57
Chlorobenzene
Concen: 10.236 ppbv
RT: 11.510 min Scan# 211
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

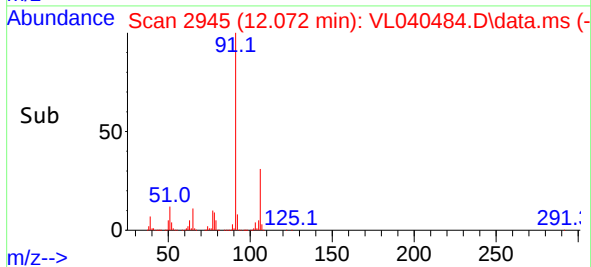
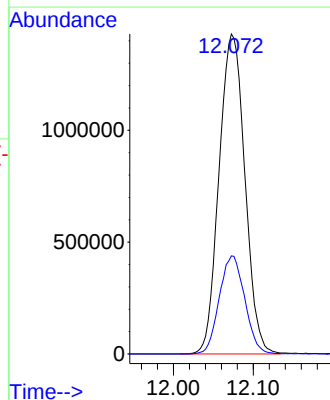
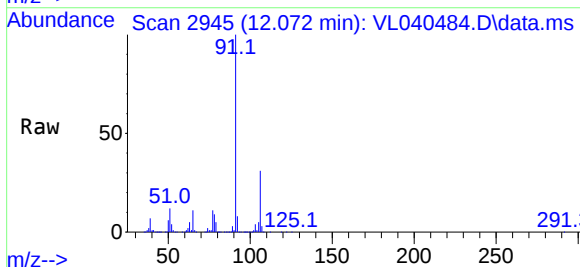
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

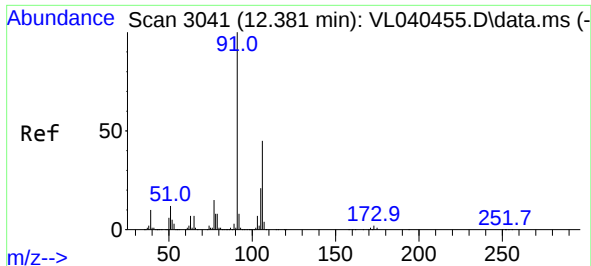
Tgt Ion:112 Resp: 1822276
Ion Ratio Lower Upper
112 100
77 68.8 55.4 83.2
114 32.0 30.0 36.6



#58
Ethyl Benzene
Concen: 11.231 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 91 Resp: 3205120
Ion Ratio Lower Upper
91 100
106 30.7 23.7 35.5





#59

m/p-Xylene

Concen: 11.484 ppbv

RT: 12.355 min Scan# 3041

Delta R.T. -0.026 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

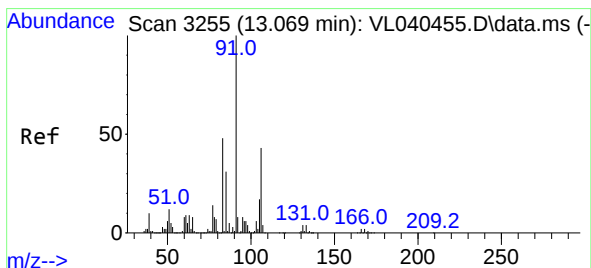
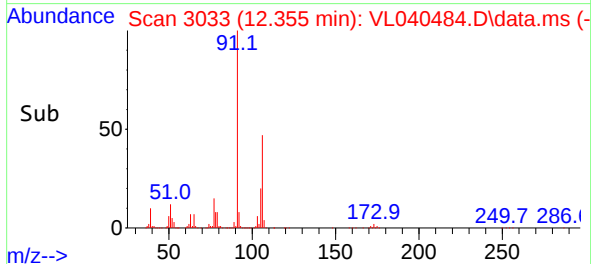
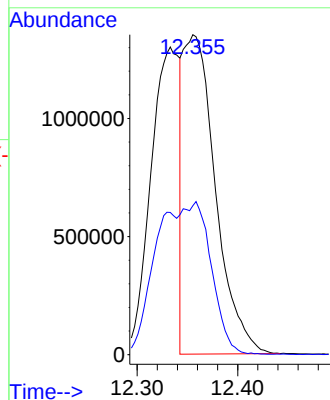
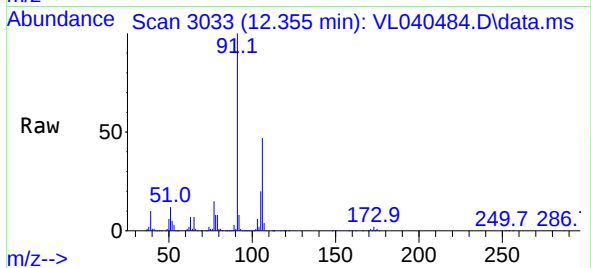
VSTDCCC010

Tgt Ion: 91 Resp: 3012072

Ion Ratio Lower Upper

91 100

106 81.9 34.6 52.0#



#60

o-Xylene

Concen: 10.731 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. -0.026 min

Lab File: VL040484.D

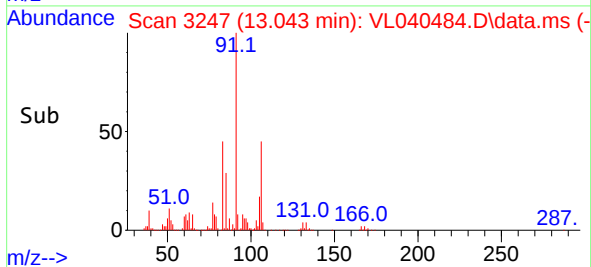
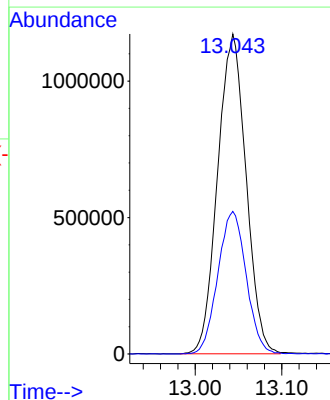
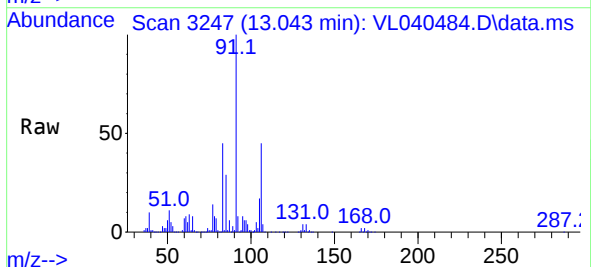
Acq: 22 Jun 2023 13:23

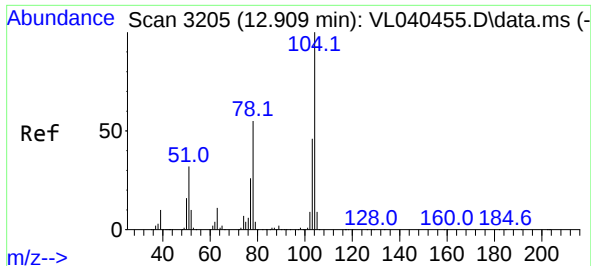
Tgt Ion: 91 Resp: 2669628

Ion Ratio Lower Upper

91 100

106 44.6 22.1 66.1

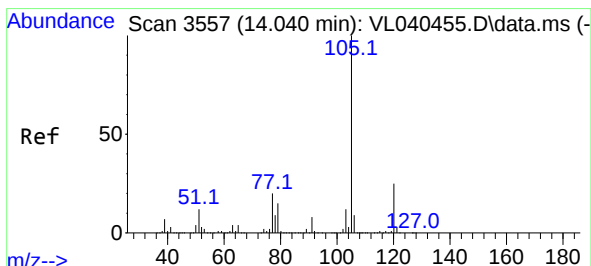
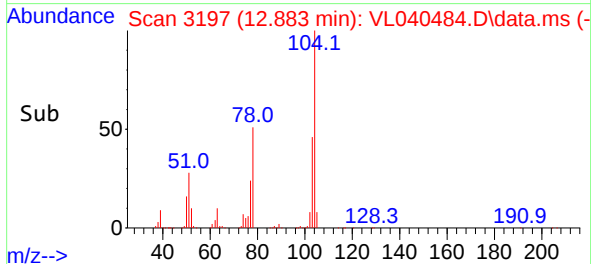
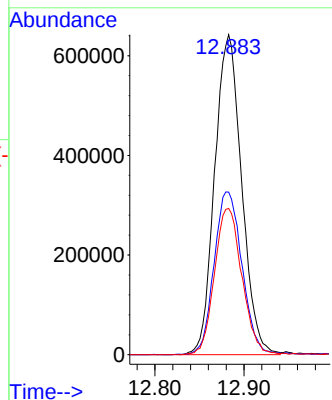
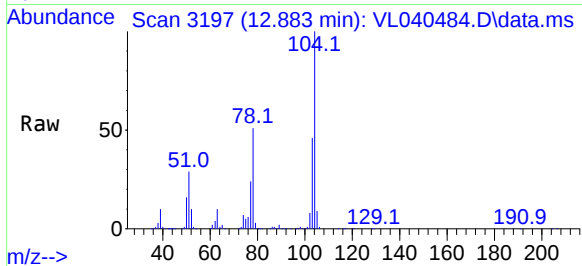




#61
Styrene
Concen: 12.608 ppbv
RT: 12.883 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

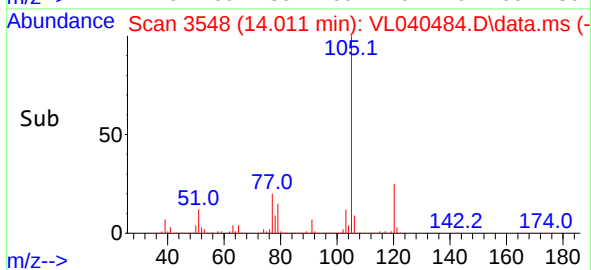
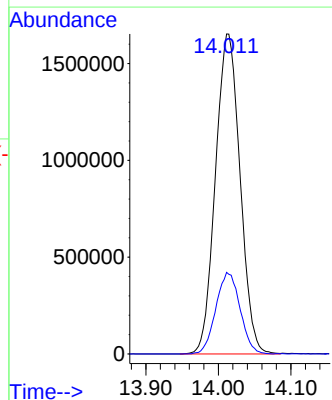
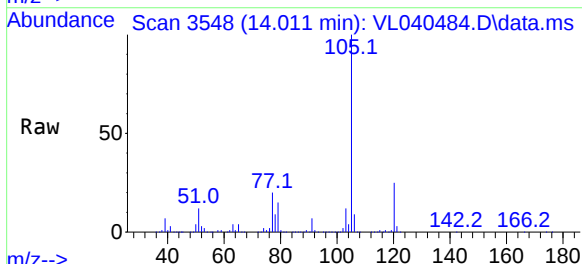
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

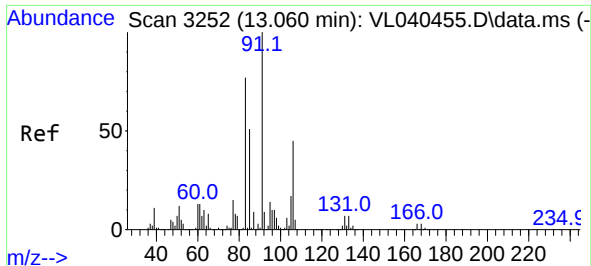
Tgt Ion:104 Resp: 1349848
Ion Ratio Lower Upper
104 100
78 53.0 43.1 64.7
103 46.7 37.1 55.7



#62
Isopropylbenzene
Concen: 10.529 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:105 Resp: 3893631
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.4

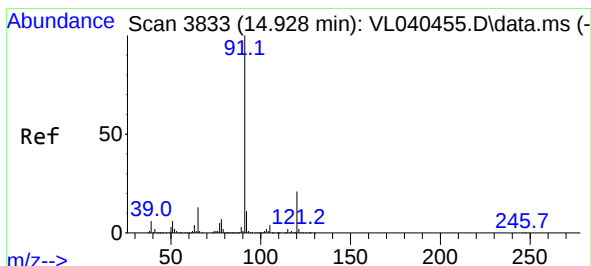
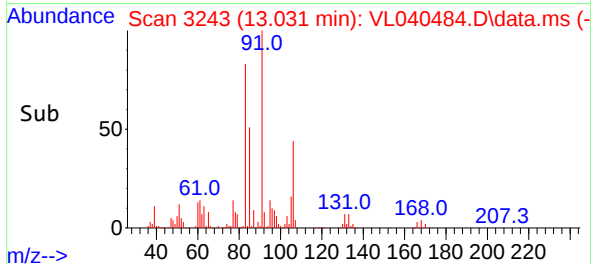
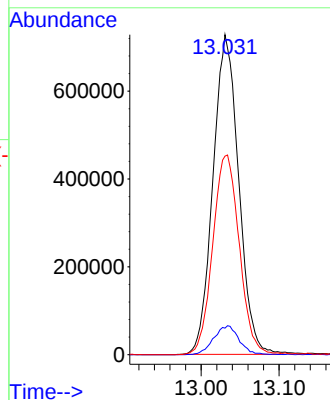
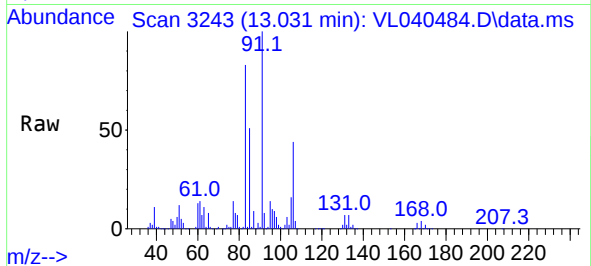




#63
1,1,2,2-Tetrachloroethane
Concen: 10.327 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

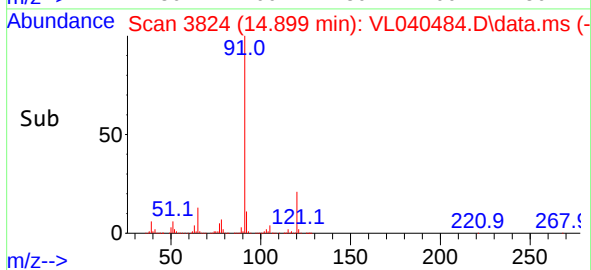
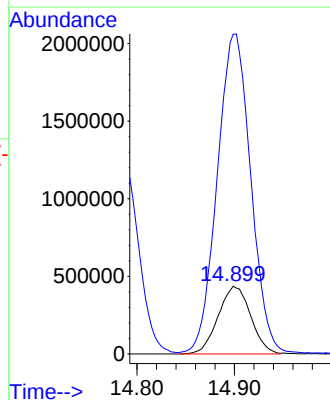
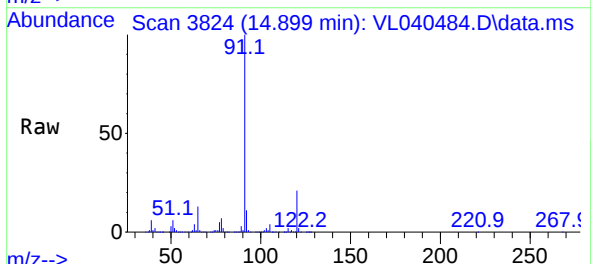
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

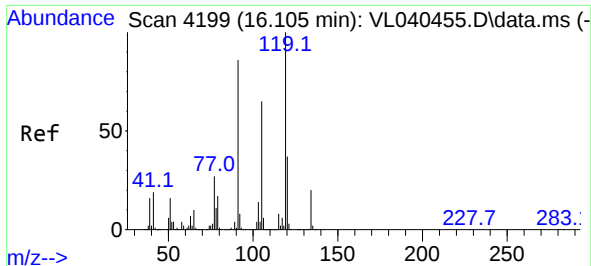
Tgt Ion: 83 Resp: 1663499
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 64.9 33.0 99.0



#64
n-propylbenzene
Concen: 10.715 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:120 Resp: 1005999
Ion Ratio Lower Upper
120 100
91 492.5 388.5 582.7

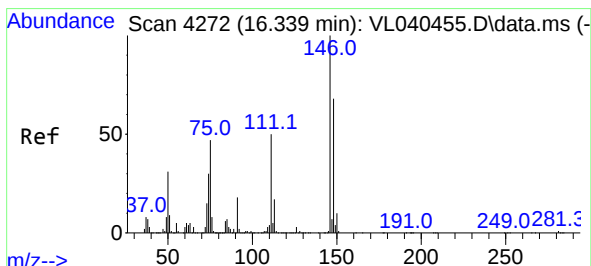
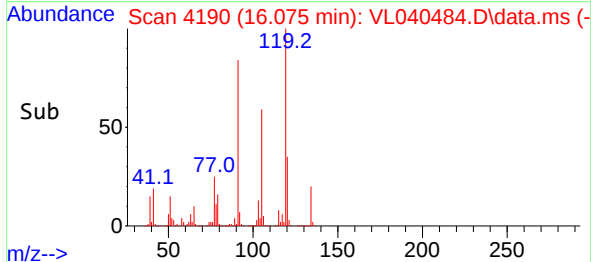
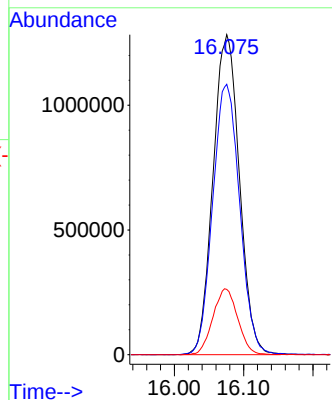
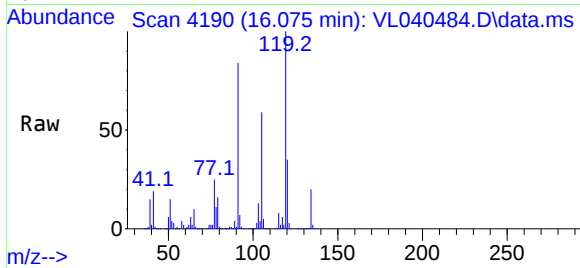




#65
tert-Butylbenzene
Concen: 10.692 ppbv
RT: 16.075 min Scan# 4199
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

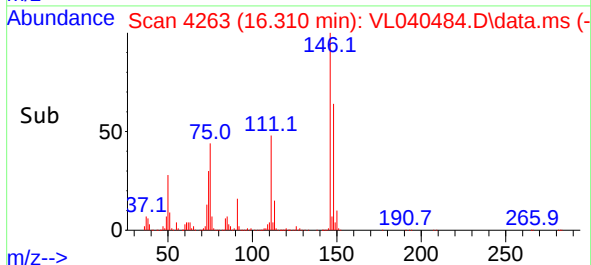
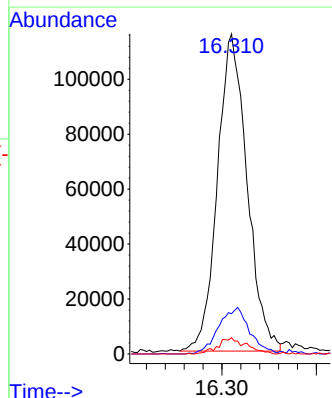
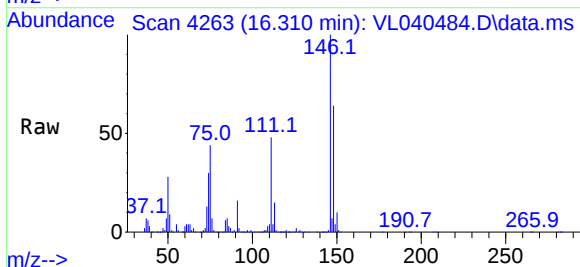
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

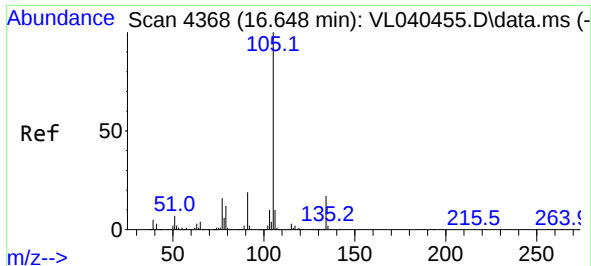
Tgt Ion:119 Resp: 3392118
Ion Ratio Lower Upper
119 100
91 86.7 70.5 105.7
134 19.4 15.6 23.4



#66
Benzyl Chloride
Concen: 10.291 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 91 Resp: 251611
Ion Ratio Lower Upper
91 100
126 15.4 13.2 19.8
128 5.0 4.6 6.8

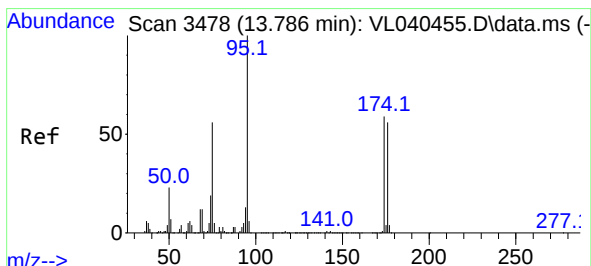
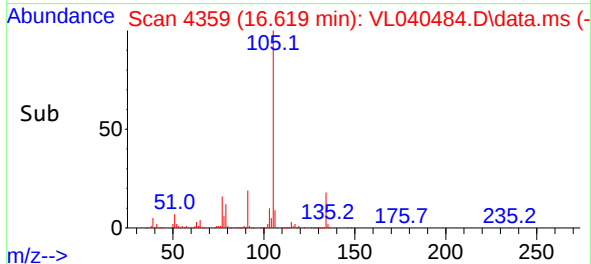
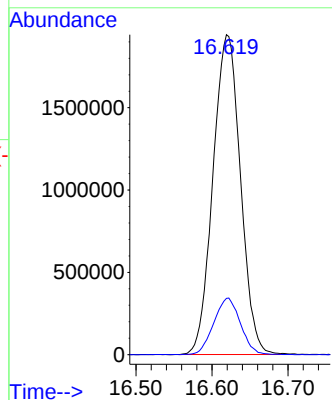
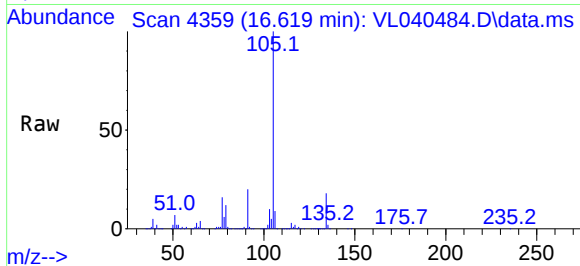




#67
sec-Butylbenzene
Concen: 10.536 ppbv
RT: 16.619 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

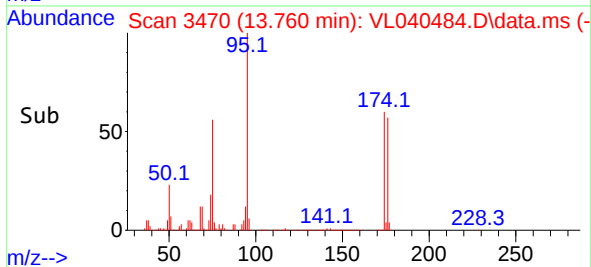
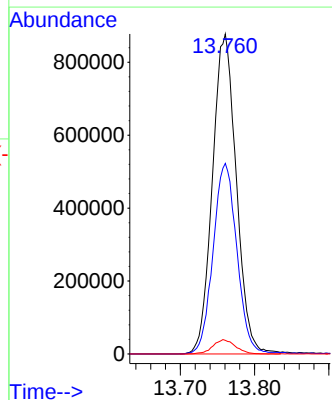
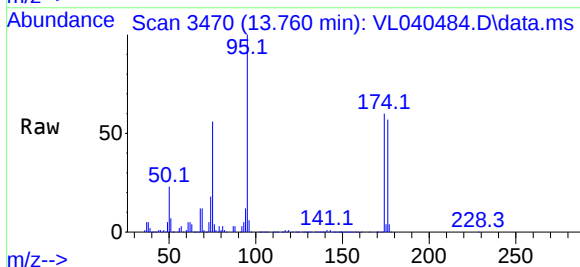
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

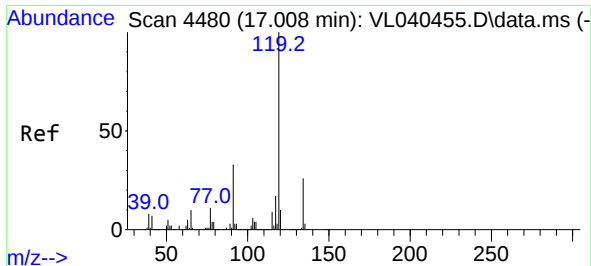
Tgt Ion:105 Resp: 4874182
Ion Ratio Lower Upper
105 100
134 17.3 14.0 21.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.066 ppbv
RT: 13.760 min Scan# 3470
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 95 Resp: 1956871
Ion Ratio Lower Upper
95 100
174 60.0 47.7 71.5
175 4.3 3.5 5.3

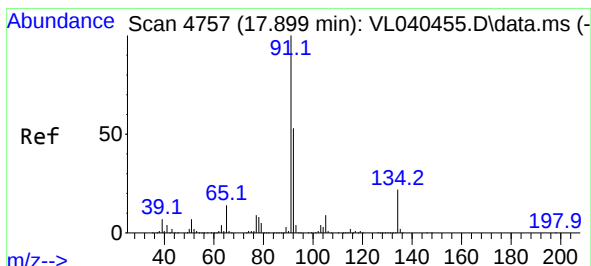
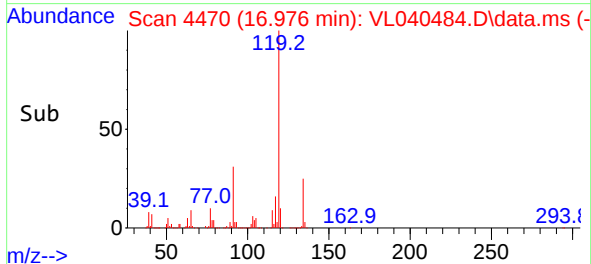
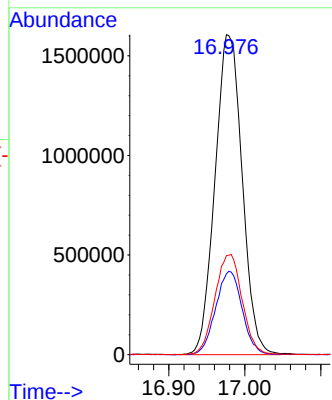
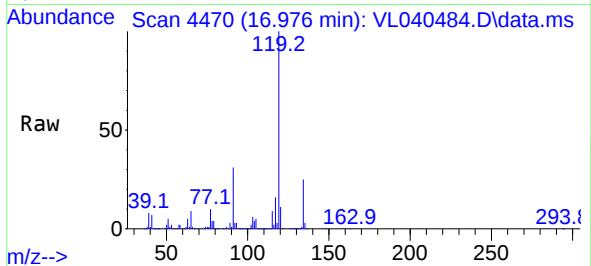




#69
p-Isopropyltoluene
Concen: 10.832 ppbv
RT: 16.976 min Scan# 4480
Delta R.T. -0.032 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

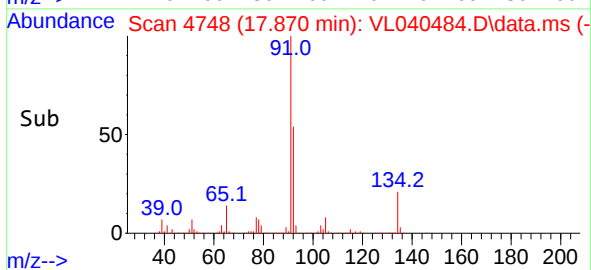
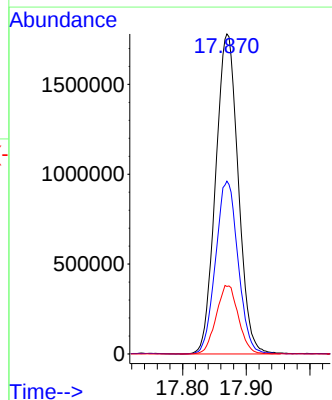
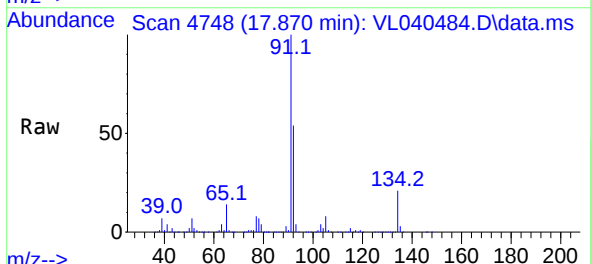
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

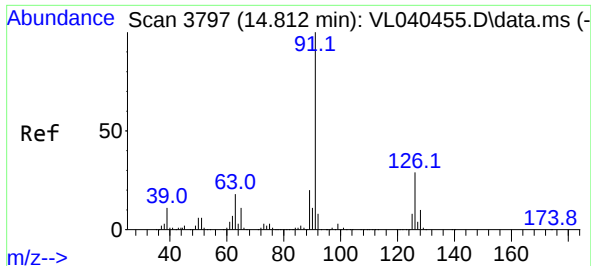
Tgt Ion:119 Resp: 3982433
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 31.4 25.5 38.3



#70
n-Butylbenzene
Concen: 10.708 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 91 Resp: 4394452
Ion Ratio Lower Upper
91 100
92 53.6 42.7 64.1
134 21.1 16.9 25.3

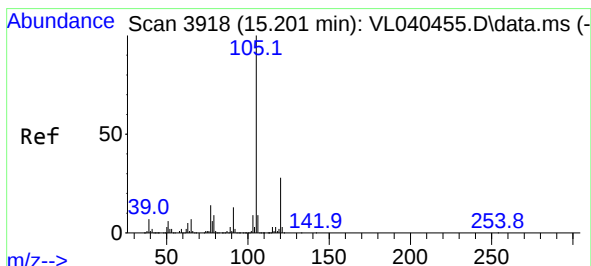
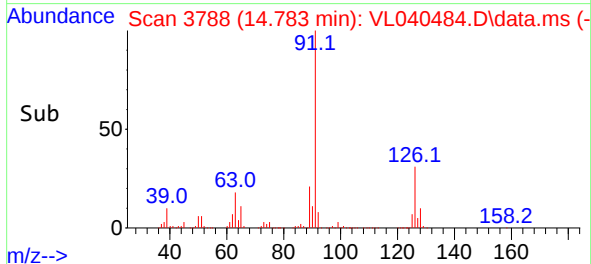
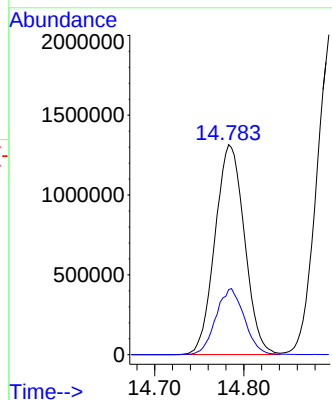
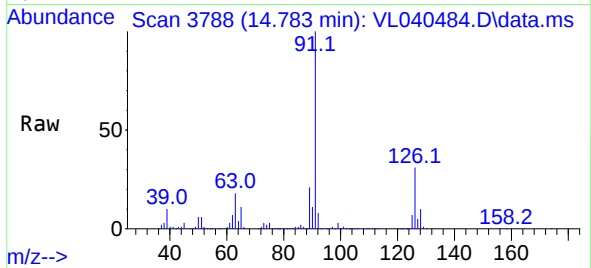




#71
2-Chlorotoluene
Concen: 11.008 ppbv
RT: 14.783 min Scan# 3111
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

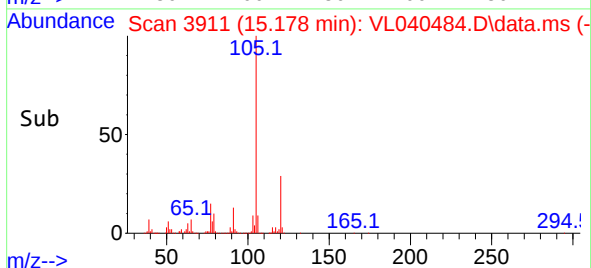
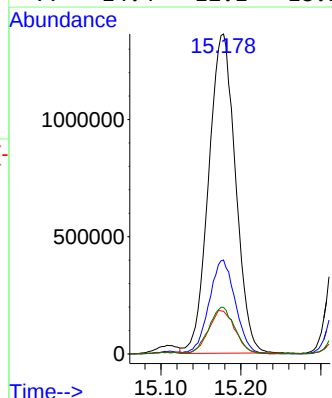
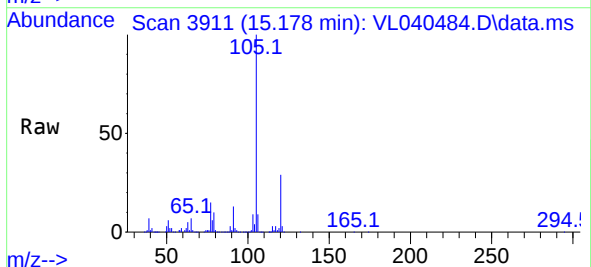
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

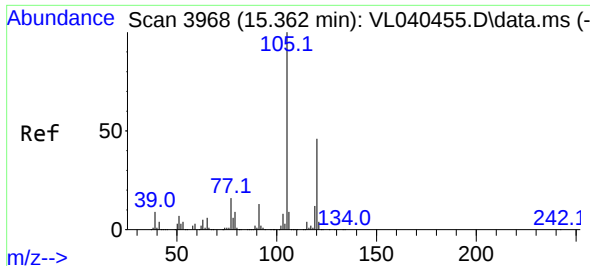
Tgt Ion: 91 Resp: 3022744
Ion Ratio Lower Upper
91 100
126 30.5 12.0 48.2



#72
4-Ethyltoluene
Concen: 11.331 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.023 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 105 Resp: 3174996
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 14.2 11.1 16.7
77 14.4 12.1 18.1

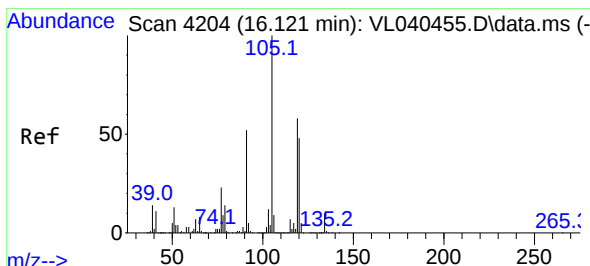
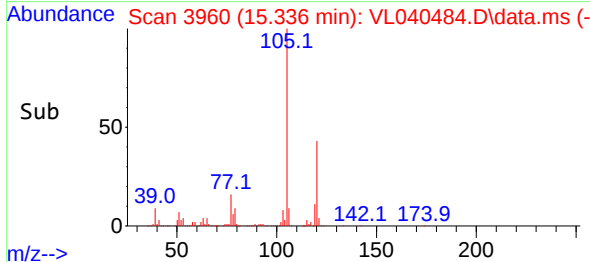
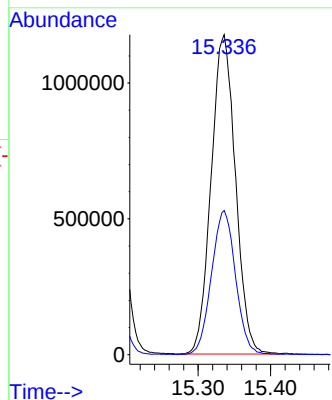
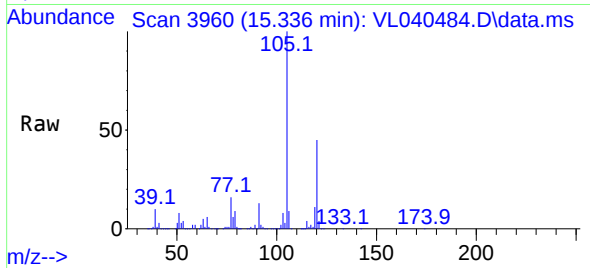




#73
1,3,5-Trimethylbenzene
Concen: 11.055 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

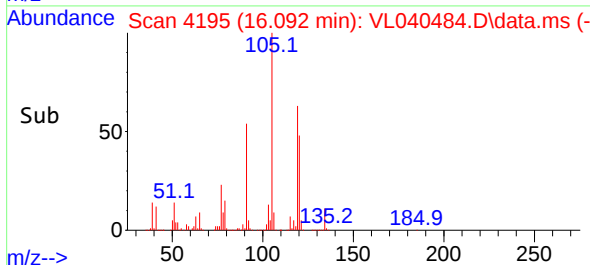
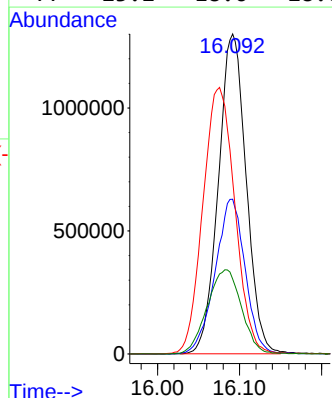
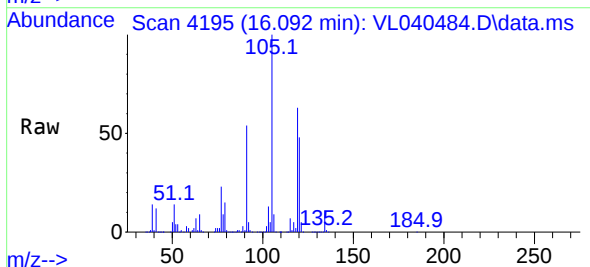
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

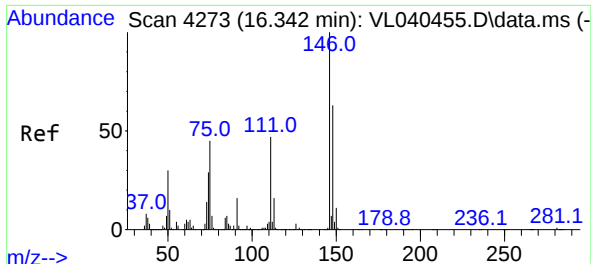
Tgt Ion:105 Resp: 2737803
Ion Ratio Lower Upper
105 100
120 45.1 36.4 54.6



#74
1,2,4-Trimethylbenzene
Concen: 10.509 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:105 Resp: 3061662
Ion Ratio Lower Upper
105 100
120 48.2 38.4 57.6
91 53.9 41.3 61.9
77 23.2 18.6 28.0

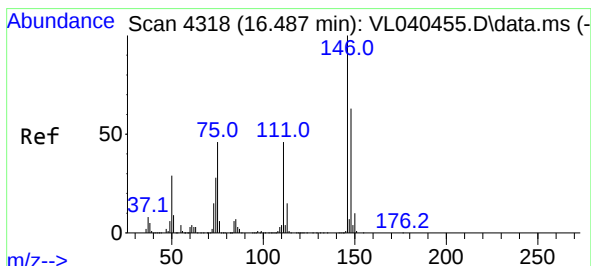
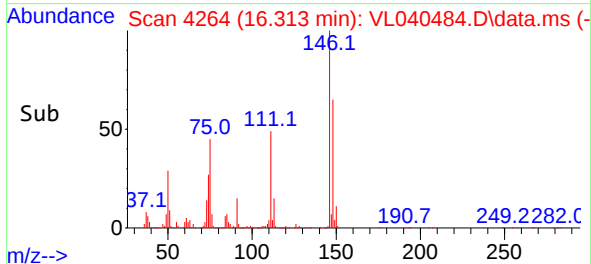
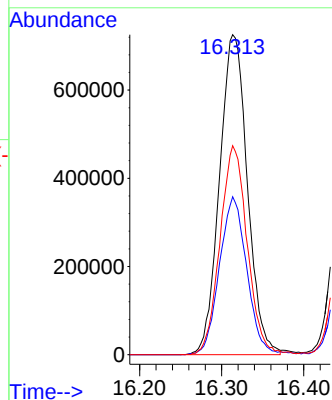
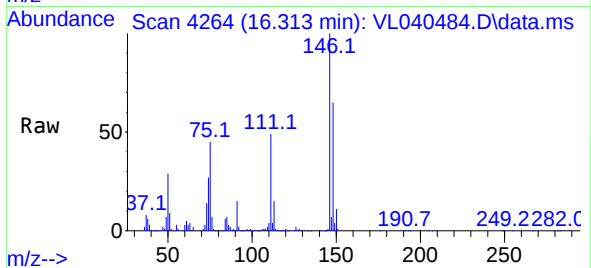




#75
1,3-Dichlorobenzene
Concen: 10.500 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

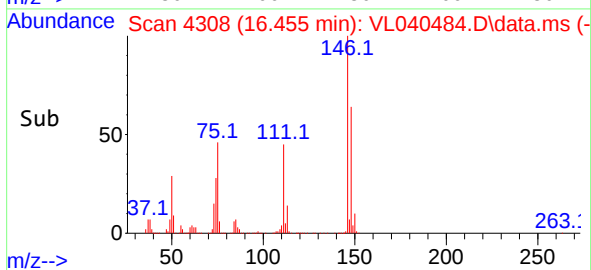
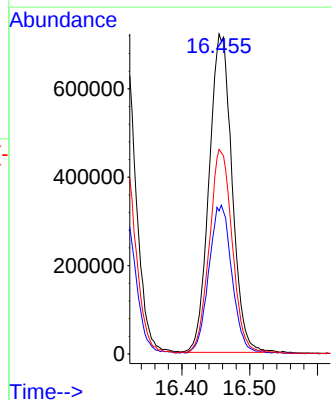
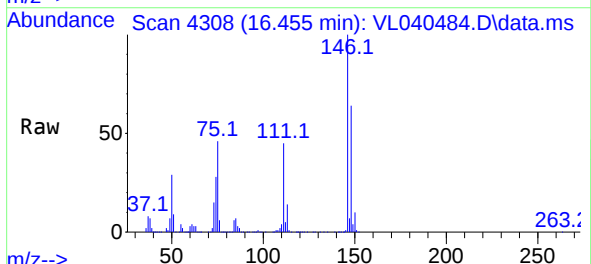
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

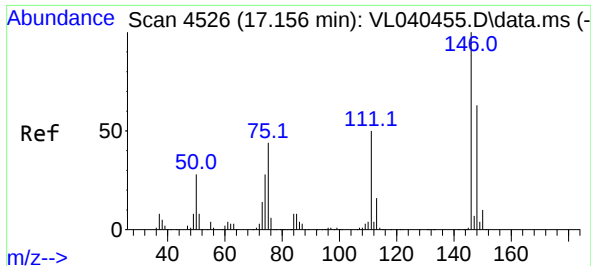
Tgt Ion:146 Resp: 1716009
Ion Ratio Lower Upper
146 100
111 48.5 24.6 73.8
148 63.9 32.4 97.2



#76
1,4-Dichlorobenzene
Concen: 10.651 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.032 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:146 Resp: 1692559
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.5
148 65.0 32.9 98.6

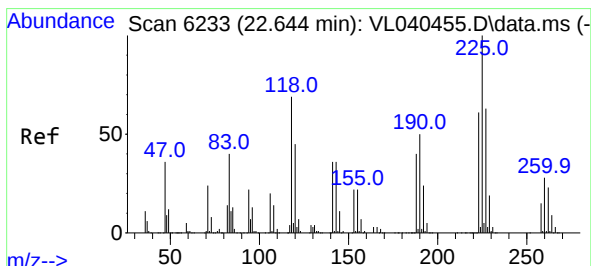
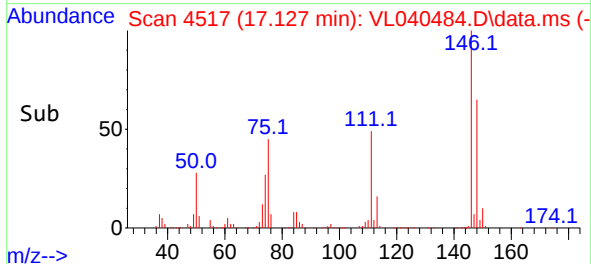
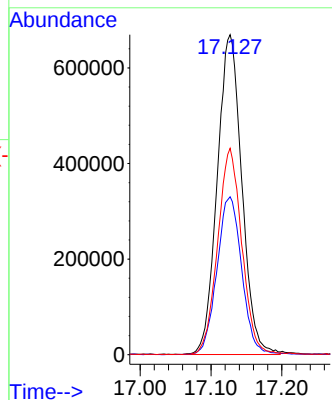
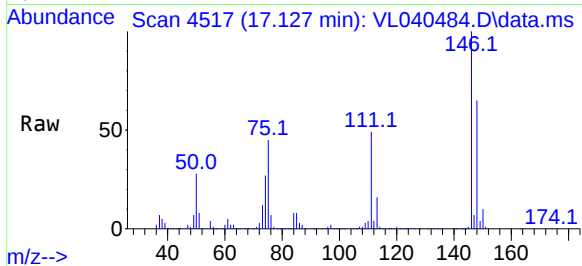




#77
1,2-Dichlorobenzene
Concen: 10.450 ppbv
RT: 17.127 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

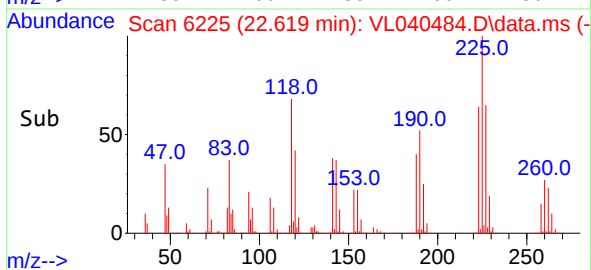
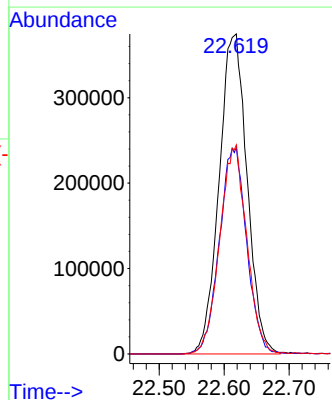
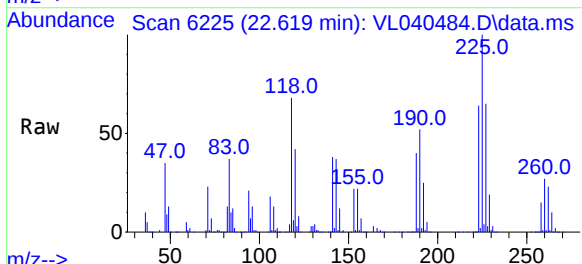
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

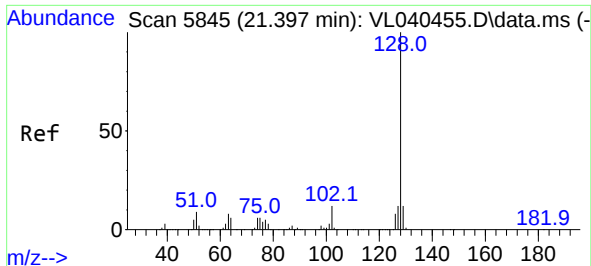
Tgt Ion:146 Resp: 1613331
Ion Ratio Lower Upper
146 100
111 49.9 25.1 75.3
148 63.5 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 9.405 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:225 Resp: 1119888
Ion Ratio Lower Upper
225 100
223 63.1 50.0 75.0
227 63.3 50.9 76.3

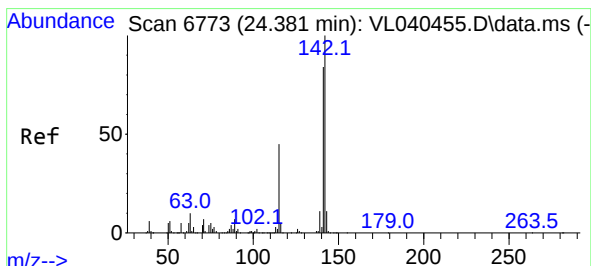
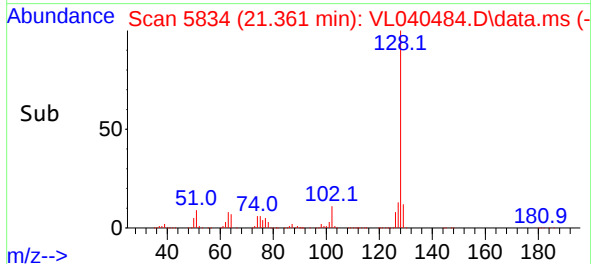
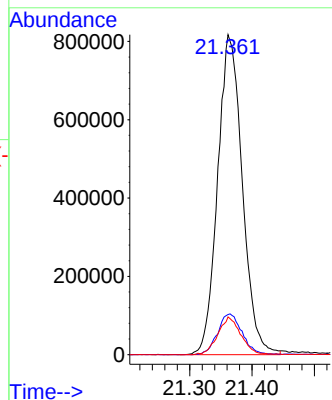
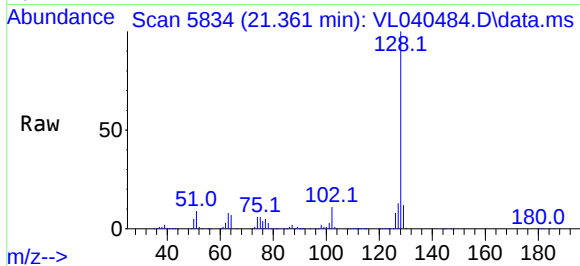




#79
Naphthalene
Concen: 13.377 ppbv
RT: 21.361 min Scan# 51
Delta R.T. -0.036 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

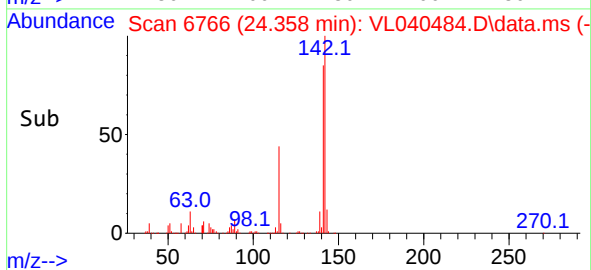
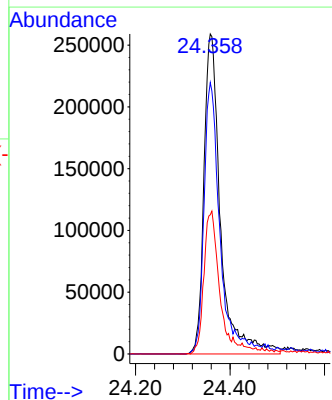
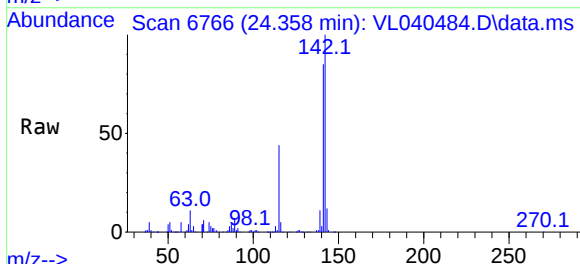
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

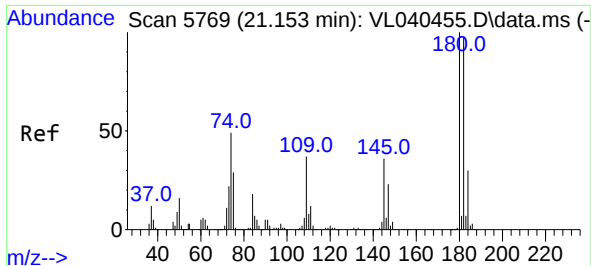
Tgt Ion:128 Resp: 2244623
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 11.8 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 12.509 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.023 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:142 Resp: 629884
Ion Ratio Lower Upper
142 100
141 84.9 65.4 98.0
115 43.3 36.6 55.0





#81

1,2,4-Trichlorobenzene

Concen: 11.414 ppbv

RT: 21.120 min Scan# 51

Delta R.T. -0.032 min

Lab File: VL040484.D

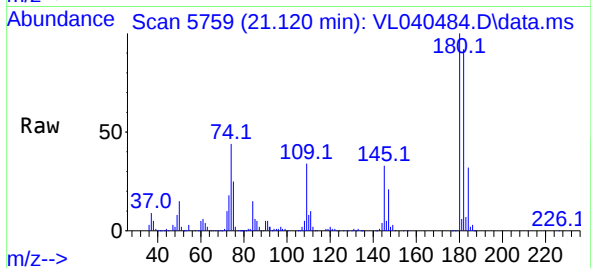
Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1186372

Ion Ratio Lower Upper

180 100

182 95.6 77.2 115.8

184 30.6 24.4 36.6

