

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041188.D
 Acq On : 2 May 2024 9:18
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: May 03 03:37:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1024404	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2598160	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3033260	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1863095	8.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.400%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.729	85	1346849	9.720	ppbv	99
3) Chlorodifluoromethane	2.674	51	1426532	9.169	ppbv	100
4) Chloromethane	2.812	50	577585	9.461	ppbv	99
5) Vinyl Chloride	2.918	62	589624	9.614	ppbv	97
6) Bromomethane	3.118	94	211441	9.449	ppbv	95
7) Chloroethane	3.195	64	208863	9.646	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1389020	9.685	ppbv	100
9) Propene	2.693	41	551683	9.061	ppbv	100
10) Heptane	7.581	43	1345269	9.119	ppbv	99
11) Trichlorofluoromethane	3.558	101	1365494	9.696	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1036471	9.953	ppbv	99
13) Ethanol	3.237	45	133683	9.794	ppbv	99
14) Bromoethene	3.365	108	415991	9.679	ppbv	99
15) Acetone	3.465	43	1061602	8.781	ppbv	98
16) 1,3-Butadiene	2.983	39	600030	9.832	ppbv	98
17) tert-Butyl alcohol	3.873	59	1279810	9.813	ppbv	100
18) 1,1-Dichloroethene	3.877	96	453914	9.776	ppbv	100
19) Isopropyl Alcohol	3.571	45	807866	10.183	ppbv #	43
20) Methylene Chloride	3.931	84	384181	9.138	ppbv	99
21) Allyl Chloride	3.996	41	763587	9.686	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	476702	9.872	ppbv	96
23) Vinyl Acetate	4.626	43	1339196	10.059	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1026680	9.918	ppbv	99
25) Ethyl Acetate	5.201	43	2273169	9.420	ppbv	99
26) Hexane	5.211	57	989367	9.187	ppbv	98
27) Carbon Disulfide	4.121	76	1254032	9.838	ppbv	98
28) Methyl tert-Butyl Ether	4.584	73	838056	9.774	ppbv	100
29) Chloroform	5.272	83	1431175	9.634	ppbv	97
30) Cyclohexane	6.600	84	799290	9.377	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	963976	9.562	ppbv	95
32) 1,1,1-Trichloroethane	6.002	97	1426260	9.622	ppbv	100
34) 2-Butanone	4.783	43	1173073	8.871	ppbv	98
35) Carbon Tetrachloride	6.491	117	1418064	9.725	ppbv	98
36) Benzene	6.368	78	2037807	9.346	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1104586	9.710	ppbv	99
38) Trichloroethene	7.288	130	724968	8.923	ppbv	97
39) 1,2-Dichloropropane	7.073	63	795782	9.471	ppbv	99
40) 1,4-Dioxane	7.282	88	309946	10.325	ppbv	90
41) Tetrahydrofuran	5.552	42	902889	9.431	ppbv	99
42) Bromodichloromethane	7.246	83	1603398	9.828	ppbv	98
43) Methyl Methacrylate	7.471	69	835132	9.470	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3445196	9.164	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	651407	10.194	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

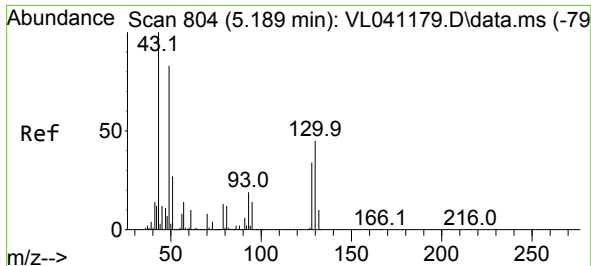
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	764920	9.777	ppbv	95
47) 1,1,2-Trichloroethane	8.896	97	803388	9.552	ppbv	99
48) Dibromochloromethane	9.706	129	1321940	9.865	ppbv	99
49) Bromoform	12.407	173	1139522	9.996	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2182176	9.195	ppbv	100
51) 2-Hexanone	9.545	43	1610275	9.148	ppbv #	100
52) Tetrachloroethene	10.613	164	712640	9.299	ppbv	99
53) Toluene	9.220	91	2364051	9.351	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1111878	9.761	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	975213	7.929	ppbv	98
57) Chlorobenzene	11.526	112	1667118	7.505	ppbv	99
58) Ethyl Benzene	12.085	91	3089978	7.429	ppbv	100
59) m/p-Xylene	12.371	91	2677476	7.659	ppbv #	36
60) o-Xylene	13.056	91	2410914	7.358	ppbv	99
61) Styrene	12.896	104	1339377	7.738	ppbv	99
62) Isopropylbenzene	14.027	105	3613394	7.372	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	1700222	7.612	ppbv	99
64) n-propylbenzene	14.912	120	945944	7.736	ppbv	100
65) tert-Butylbenzene	16.088	119	3145305	7.165	ppbv	99
66) Benzyl Chloride	16.326	91	386051	7.769	ppbv	98
67) sec-Butylbenzene	16.632	105	4517632	7.311	ppbv	99
69) p-Isopropyltoluene	16.992	119	3728768	7.322	ppbv	100
70) n-Butylbenzene	17.883	91	3907816	7.348	ppbv	100
71) 2-Chlorotoluene	14.799	91	2769095	7.420	ppbv	98
72) 4-Ethyltoluene	15.191	105	2925534	7.882	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	2494223	7.427	ppbv	98
74) 1,2,4-Trimethylbenzene	16.104	105	2726930	7.435	ppbv	98
75) 1,3-Dichlorobenzene	16.329	146	1629857	7.750	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1590703	7.865	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1582443	7.528	ppbv	99
78) Hexachloro-1,3-Butadiene	22.631	225	1240007	6.637	ppbv	99
79) Naphthalene	21.384	128	2799619	8.016	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	920333	6.550	ppbv	97
81) 1,2,4-Trichlorobenzene	21.136	180	1379214	7.479	ppbv	98

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

Quant Time: May 03 03:37:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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QLast Update : Fri May 03 03:34:47 2024
Response via : Initial Calibration

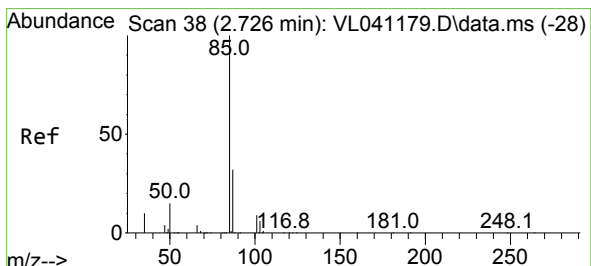
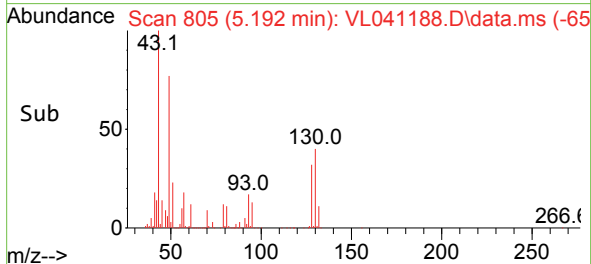
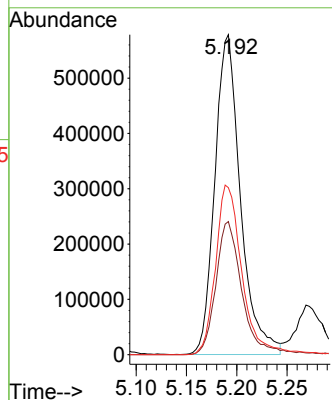
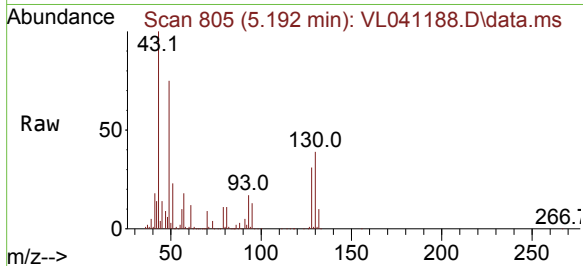




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

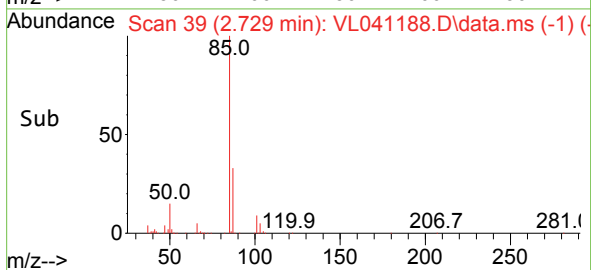
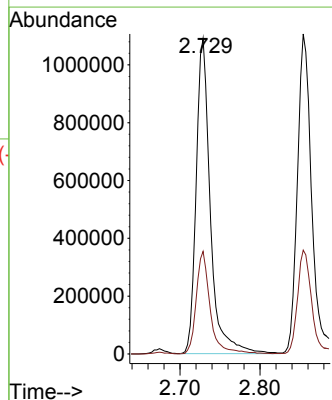
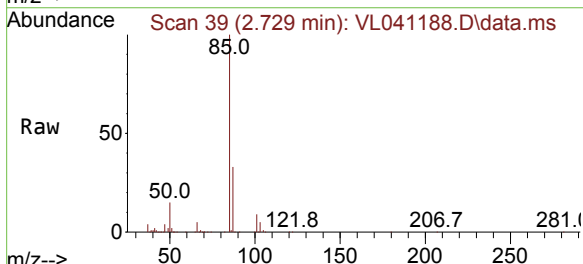
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

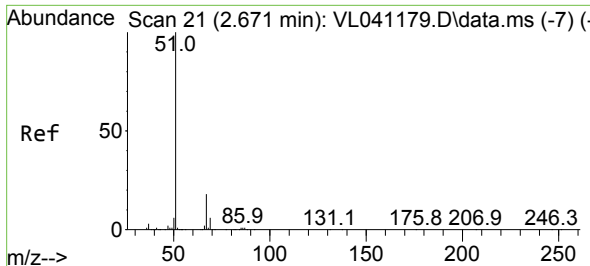
Tgt Ion: 49 Resp: 1024404
 Ion Ratio Lower Upper
 49 100
 128 43.4 21.5 64.5
 130 55.2 27.2 81.6



#2
 Dichlorodifluoromethane
 Concen: 9.720 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 85 Resp: 1346849
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.7 38.5

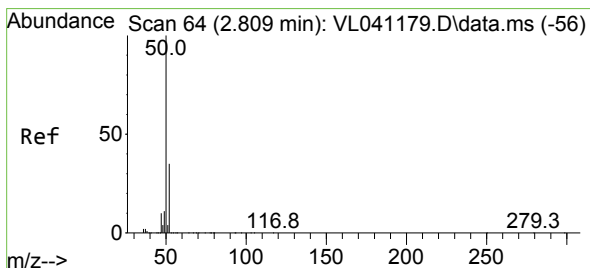
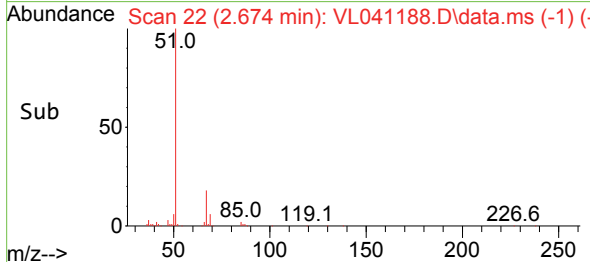
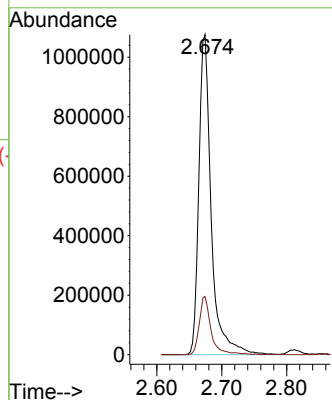
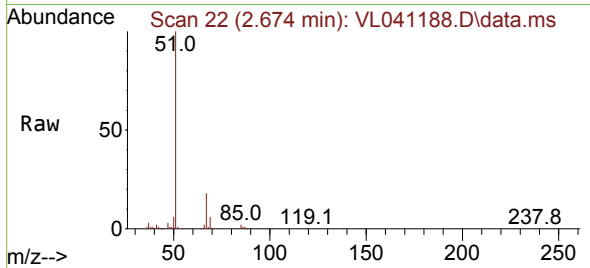




#3
Chlorodifluoromethane
Concen: 9.169 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

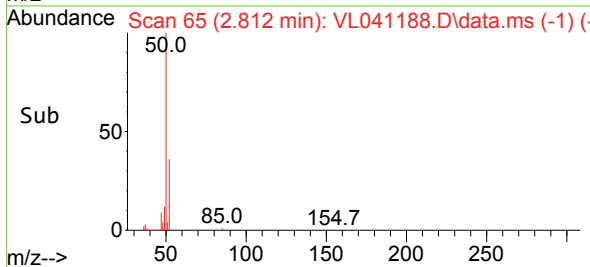
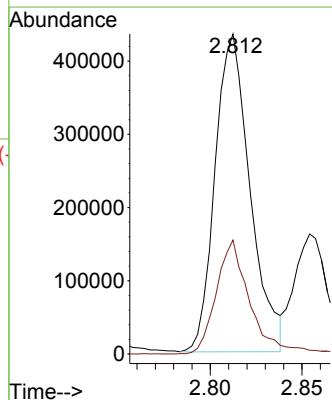
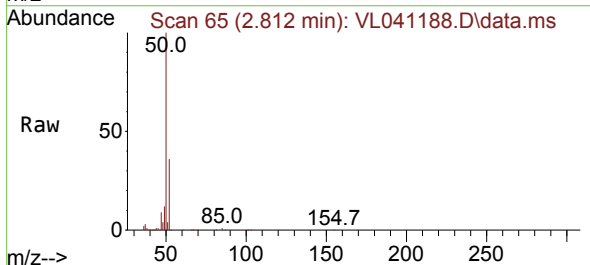
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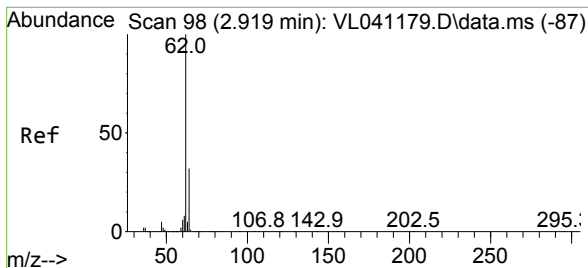
Tgt Ion: 51 Resp: 1426532
Ion Ratio Lower Upper
51 100
67 17.5 14.0 21.0



#4
Chloromethane
Concen: 9.461 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 50 Resp: 577585
Ion Ratio Lower Upper
50 100
52 35.7 28.3 42.5

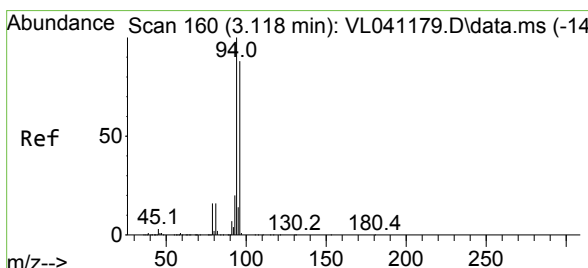
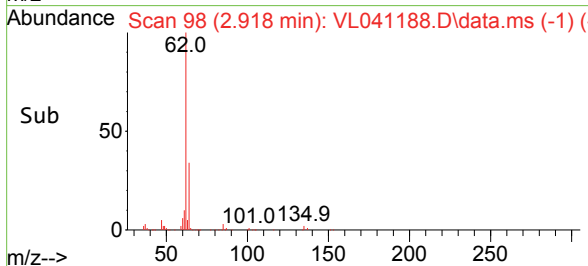
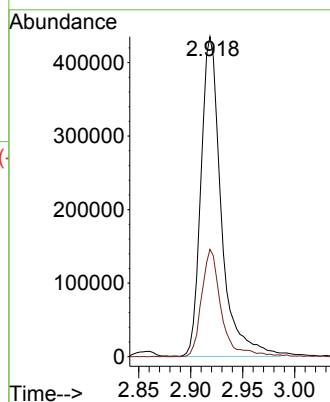
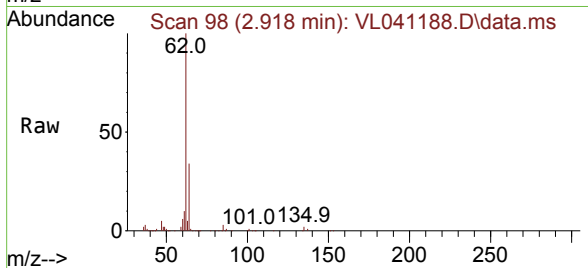




#5
 Vinyl Chloride
 Concen: 9.614 ppbv
 RT: 2.918 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

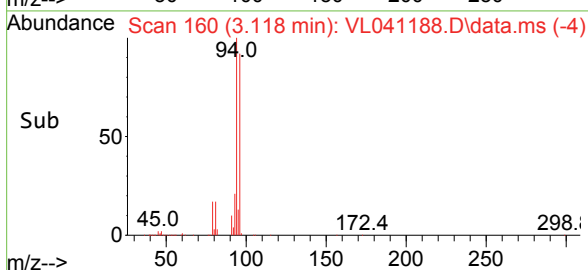
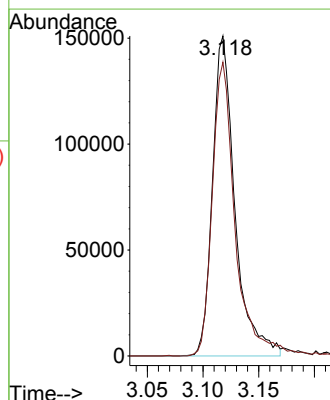
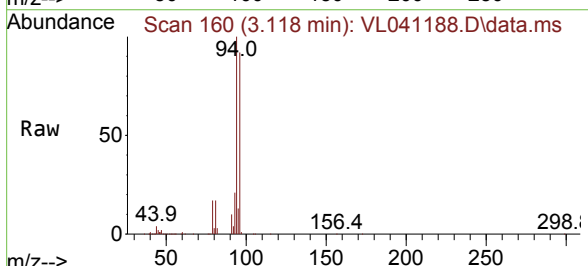
Instrument :
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 ClientSampleId :
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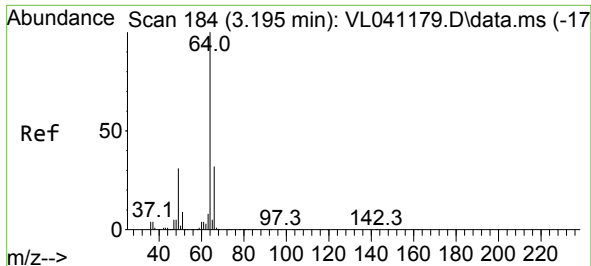
Tgt Ion: 62 Resp: 589624
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.7 38.5



#6
 Bromomethane
 Concen: 9.449 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 94 Resp: 211441
 Ion Ratio Lower Upper
 94 100
 96 91.8 70.1 105.1

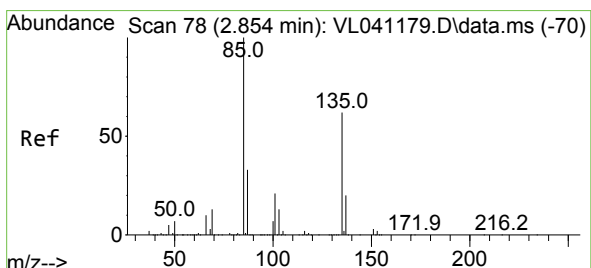
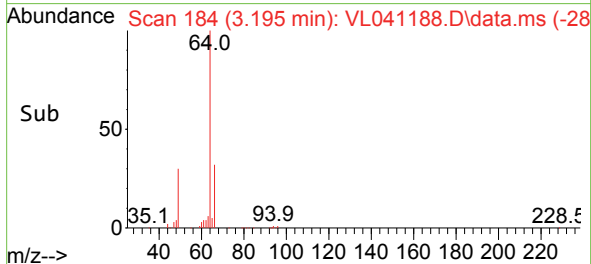
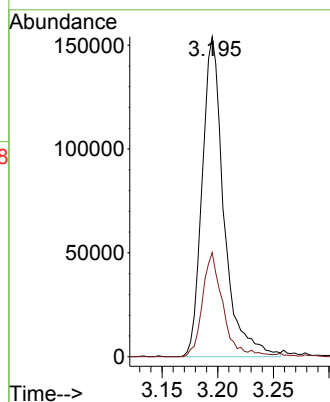
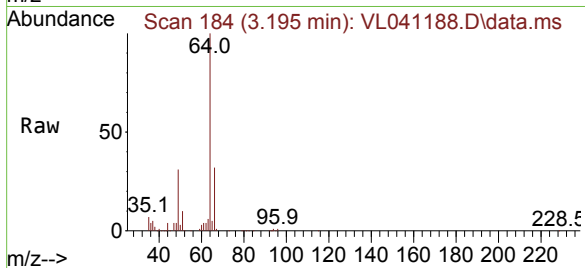




#7
Chloroethane
Concen: 9.646 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

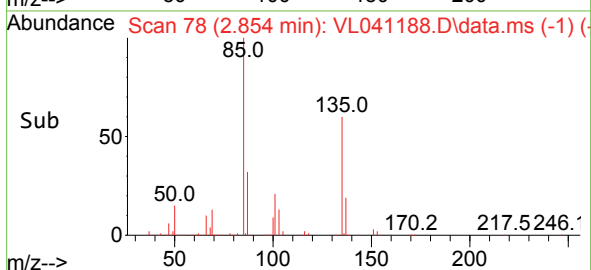
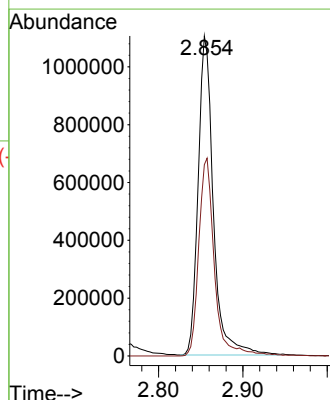
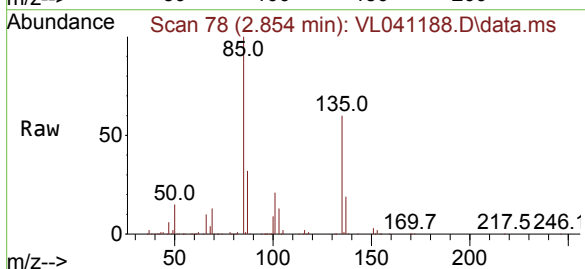
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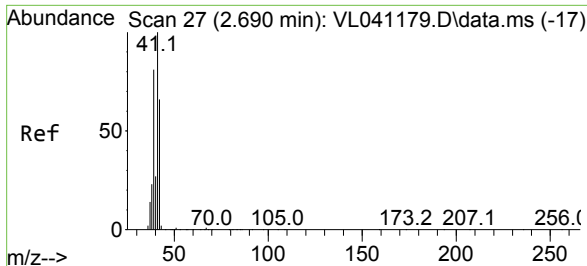
Tgt Ion: 64 Resp: 208863
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.685 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 85 Resp: 1389020
Ion Ratio Lower Upper
85 100
135 64.2 51.5 77.3

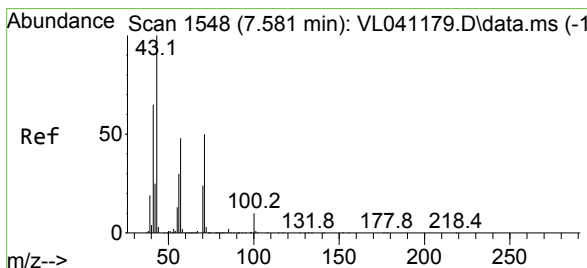
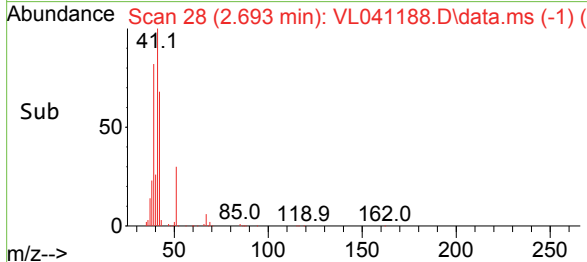
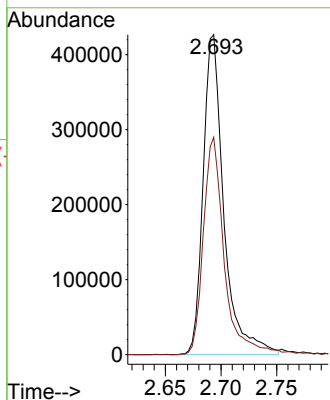
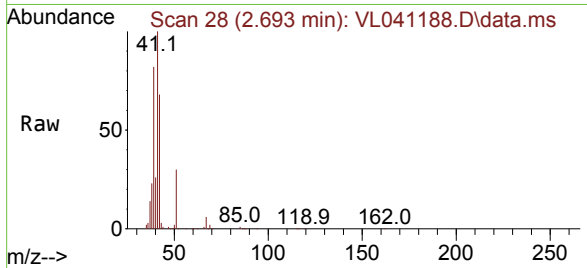




#9
Propene
Concen: 9.061 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

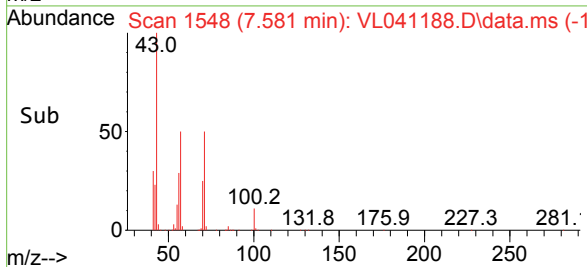
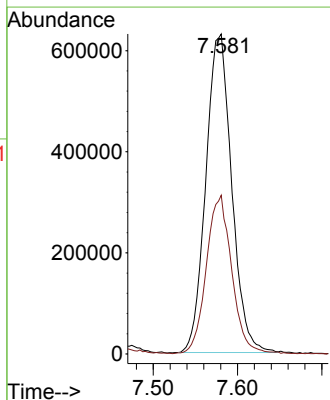
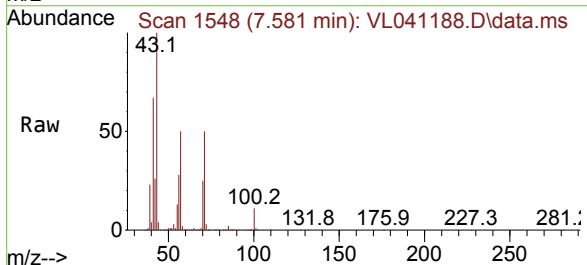
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

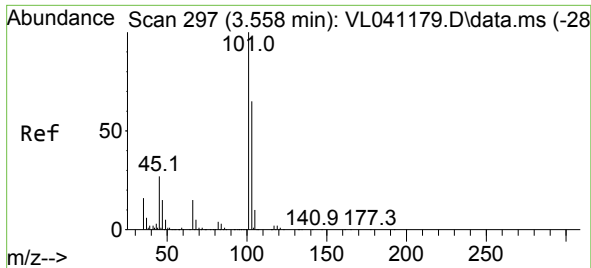
Tgt Ion: 41 Resp: 551683
Ion Ratio Lower Upper
41 100
42 69.4 55.3 82.9



#10
Heptane
Concen: 9.119 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 43 Resp: 1345269
Ion Ratio Lower Upper
43 100
57 49.1 38.7 58.1





#11

Trichlorofluoromethane

Concen: 9.696 ppbv

RT: 3.558 min Scan# 297

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

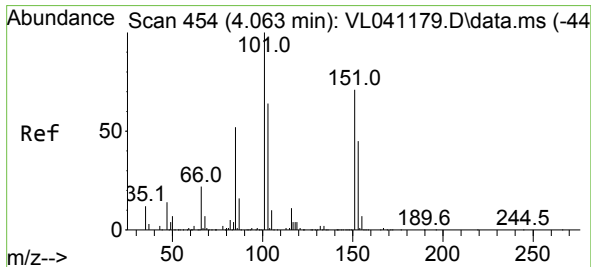
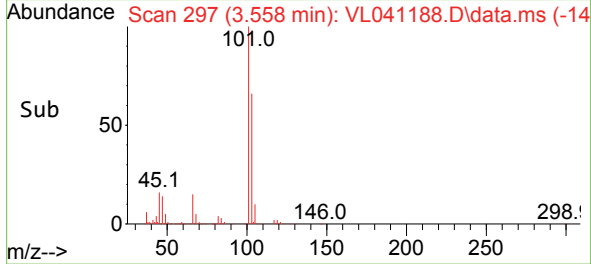
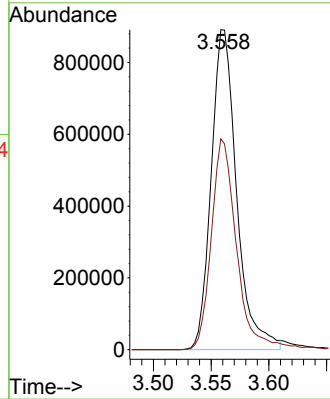
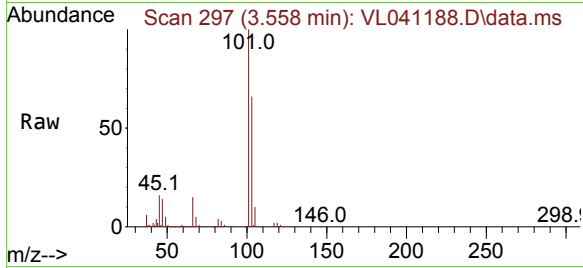
VSTDCCC010

Tgt Ion:101 Resp: 1365494

Ion Ratio Lower Upper

101 100

103 65.9 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.953 ppbv

RT: 4.063 min Scan# 454

Delta R.T. 0.000 min

Lab File: VL041188.D

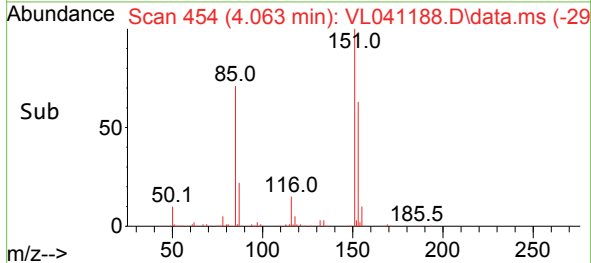
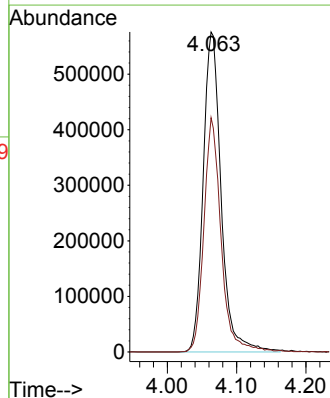
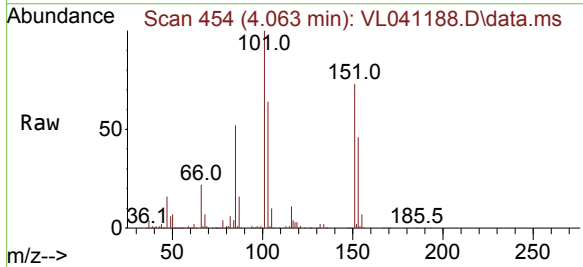
Acq: 2 May 2024 9:18

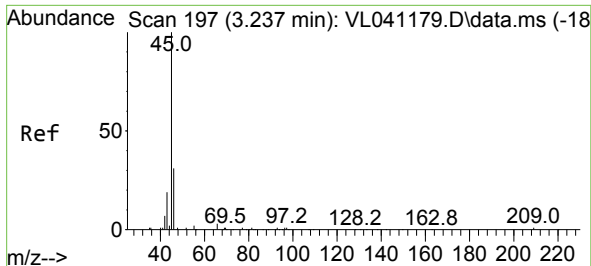
Tgt Ion:101 Resp: 1036471

Ion Ratio Lower Upper

101 100

151 70.2 56.8 85.2

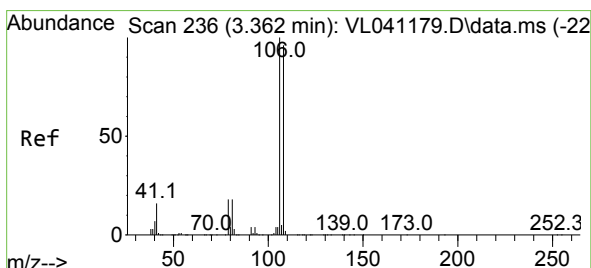
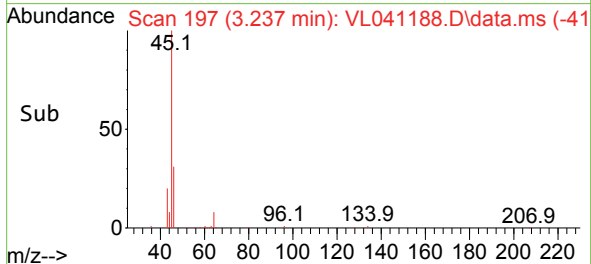
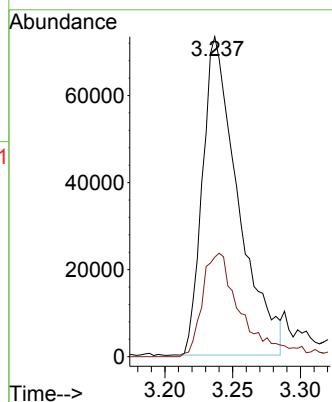
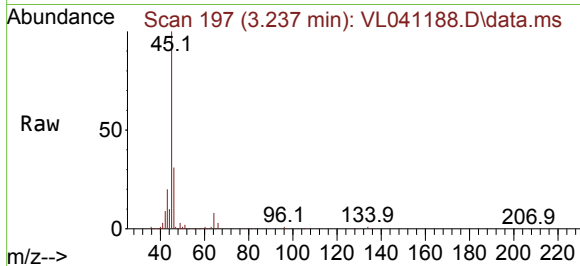




#13
Ethanol
Concen: 9.794 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

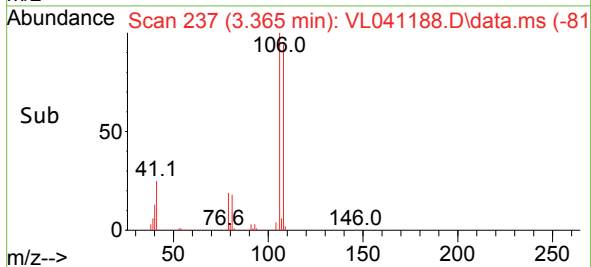
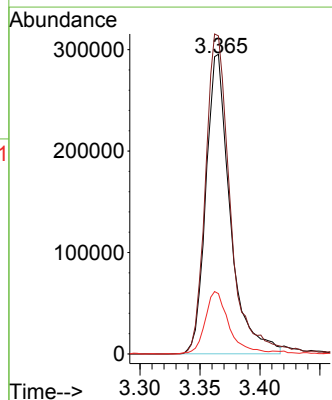
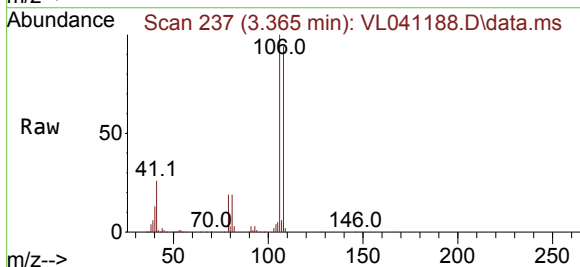
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

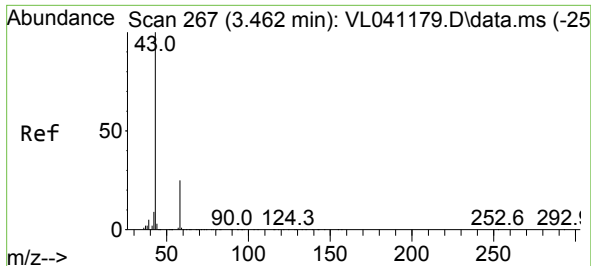
Tgt Ion: 45 Resp: 133683
Ion Ratio Lower Upper
45 100
46 37.5 14.8 59.0



#14
Bromoethene
Concen: 9.679 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 108 Resp: 415991
Ion Ratio Lower Upper
108 100
106 111.4 88.2 132.4
79 21.8 17.4 26.0





#15

Acetone

Concen: 8.781 ppbv

RT: 3.465 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

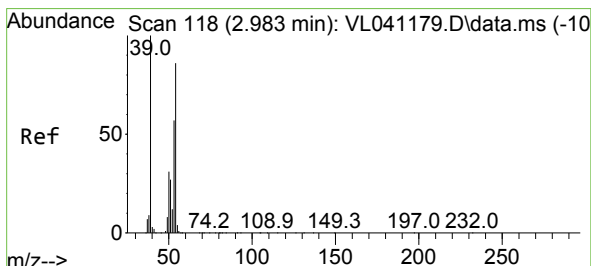
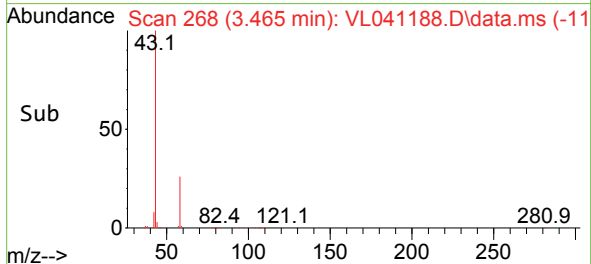
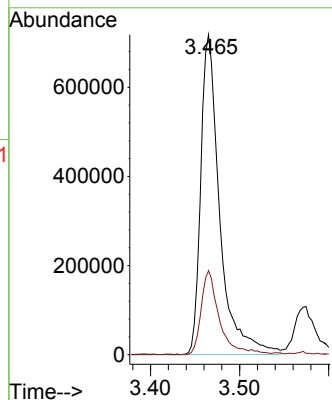
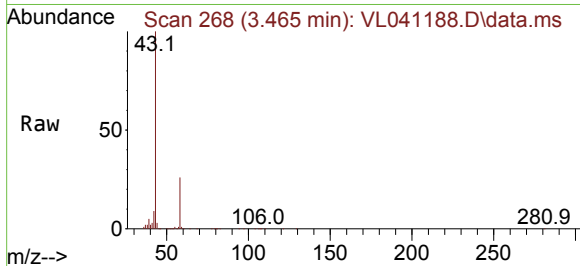
VSTDCCC010

Tgt Ion: 43 Resp: 1061602

Ion Ratio Lower Upper

43 100

58 25.6 21.4 32.0



#16

1,3-Butadiene

Concen: 9.832 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.000 min

Lab File: VL041188.D

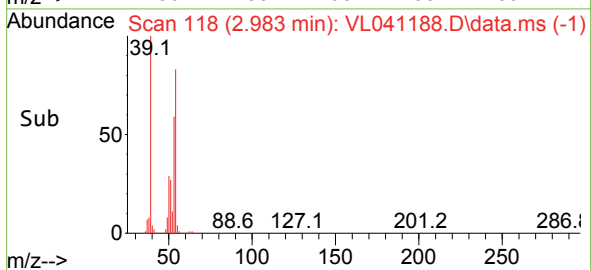
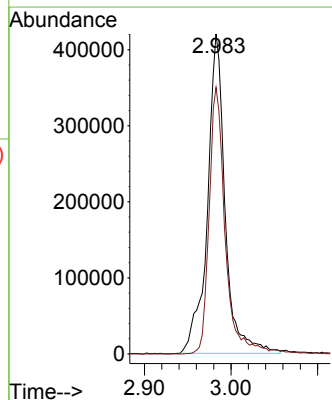
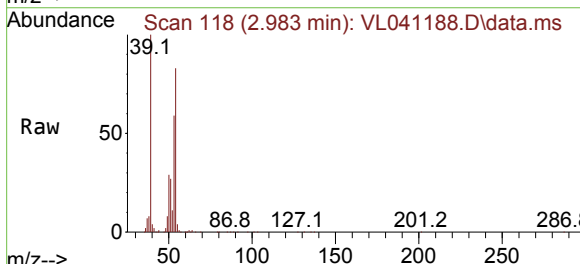
Acq: 2 May 2024 9:18

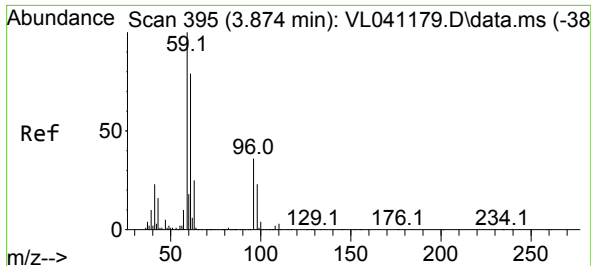
Tgt Ion: 39 Resp: 600030

Ion Ratio Lower Upper

39 100

54 76.3 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.813 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

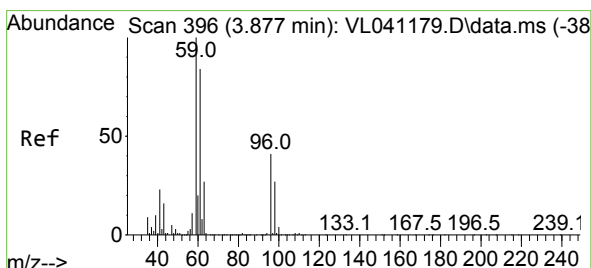
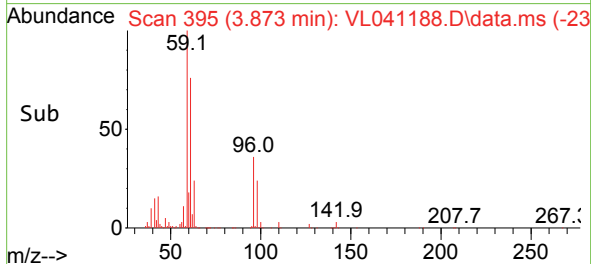
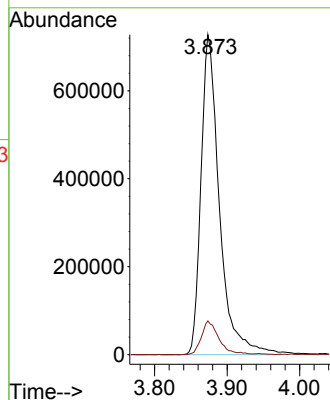
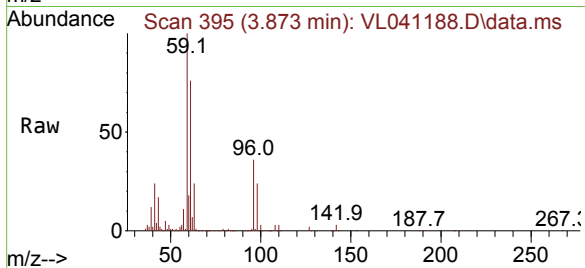
VSTDCCC010

Tgt Ion: 59 Resp: 1279810

Ion Ratio Lower Upper

59 100

57 10.3 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.776 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

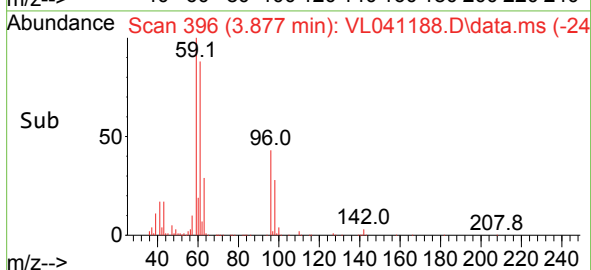
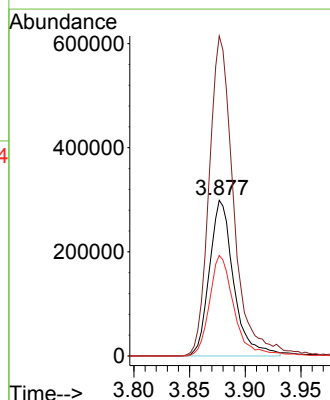
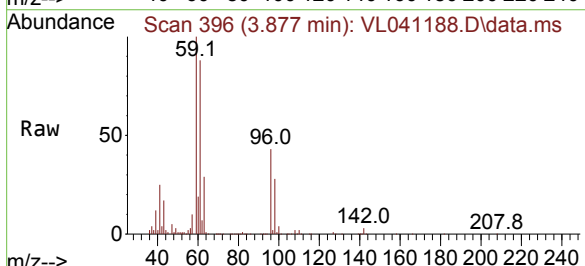
Tgt Ion: 96 Resp: 453914

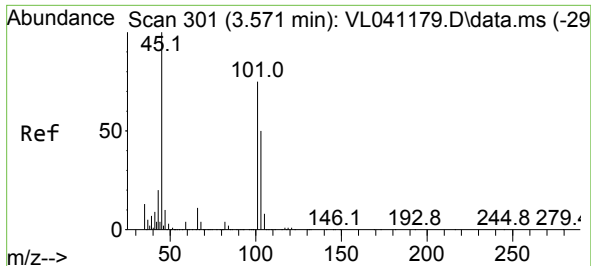
Ion Ratio Lower Upper

96 100

61 205.4 164.4 246.6

98 64.5 51.8 77.8

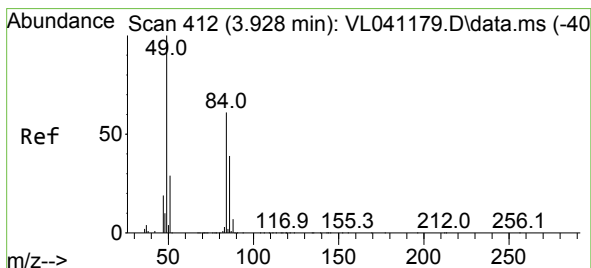
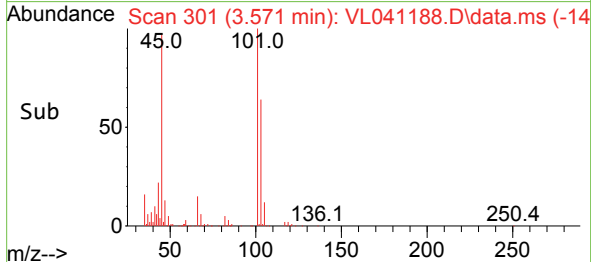
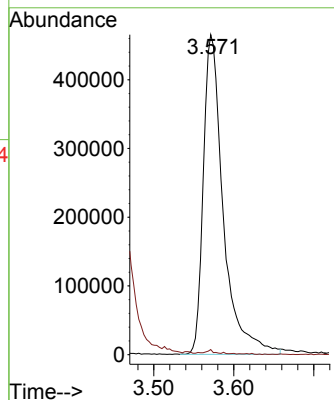
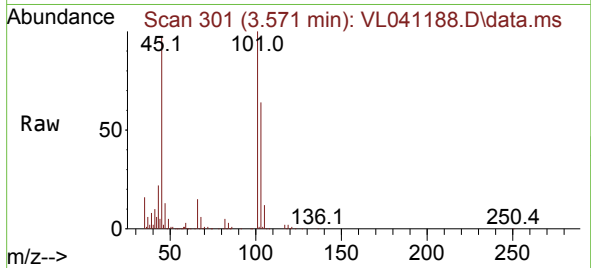




#19
Isopropyl Alcohol
Concen: 10.183 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

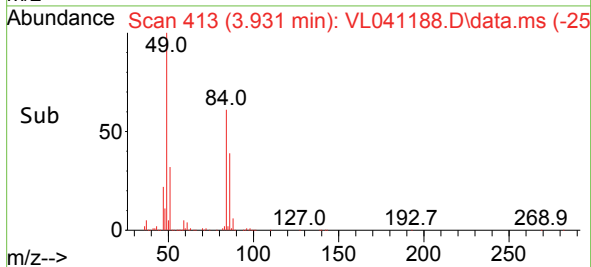
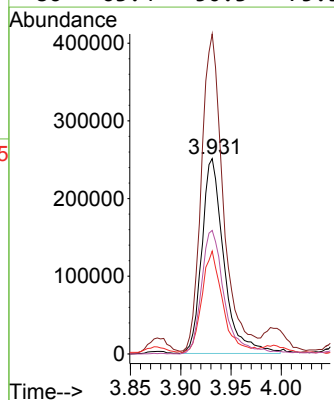
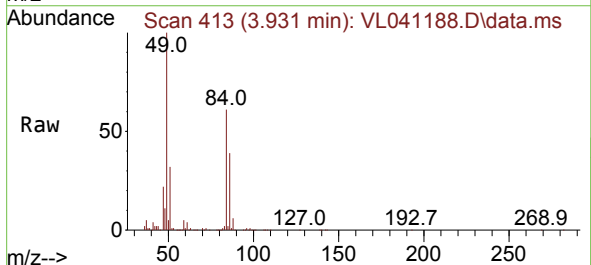
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

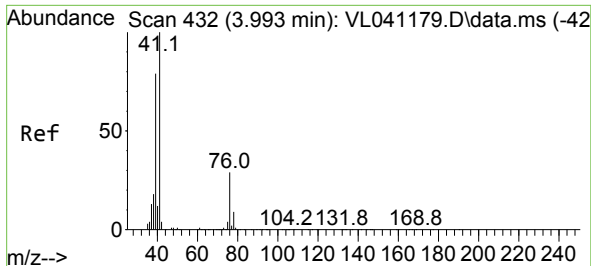
Tgt Ion: 45 Resp: 807866
Ion Ratio Lower Upper
45 100
58 1.1 26.8 40.2#



#20
Methylene Chloride
Concen: 9.138 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 84 Resp: 384181
Ion Ratio Lower Upper
84 100
49 162.9 130.4 195.6
51 51.7 38.0 57.0
86 63.4 50.3 75.5





#21

Allyl Chloride

Concen: 9.686 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

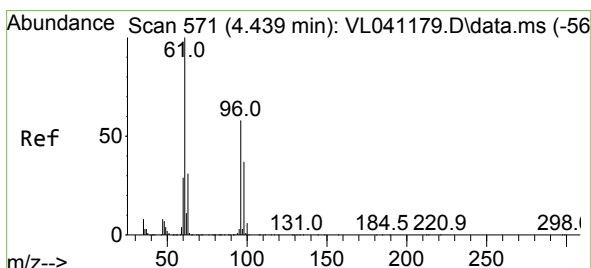
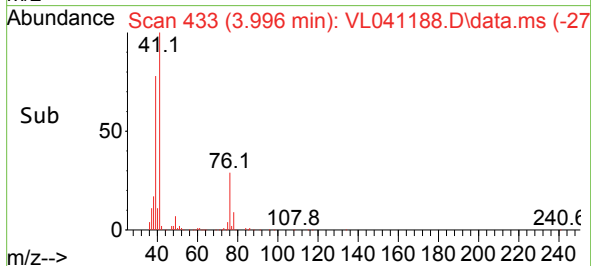
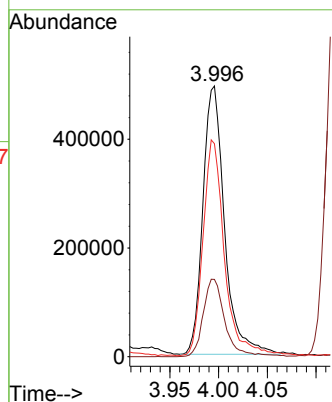
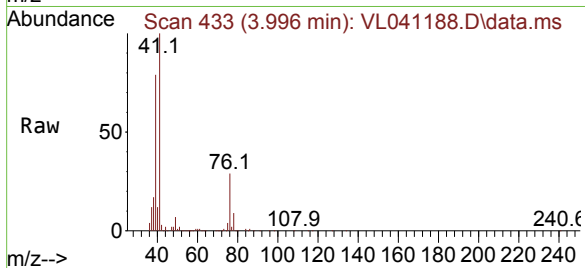
Tgt Ion: 41 Resp: 763587

Ion Ratio Lower Upper

41 100

76 29.0 23.7 35.5

39 79.9 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 9.872 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

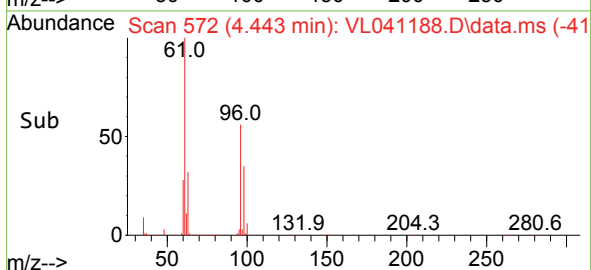
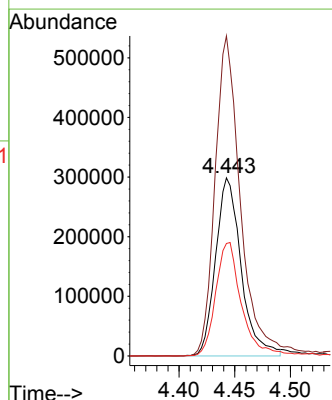
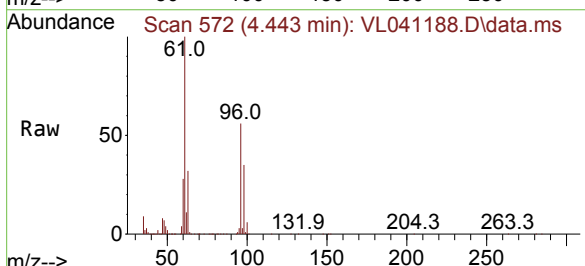
Tgt Ion: 96 Resp: 476702

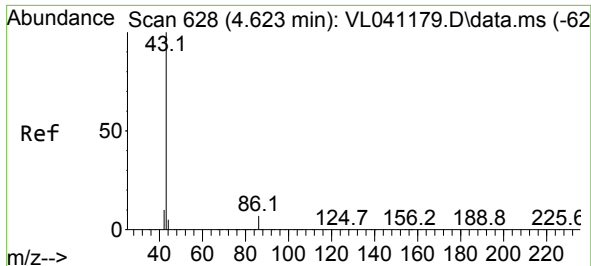
Ion Ratio Lower Upper

96 100

61 179.6 137.6 206.4

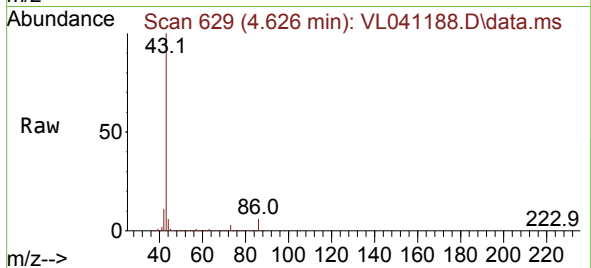
98 63.2 50.6 76.0





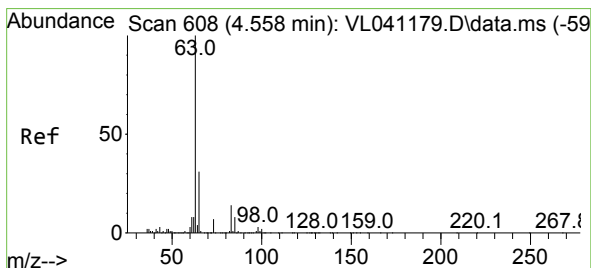
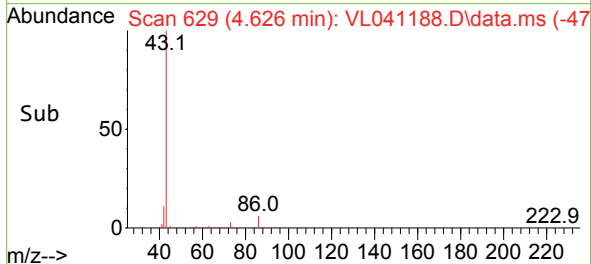
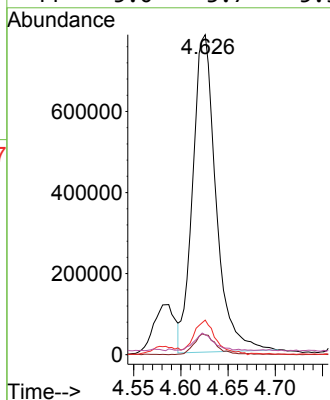
#23
Vinyl Acetate
Concen: 10.059 ppbv
RT: 4.626 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1339196

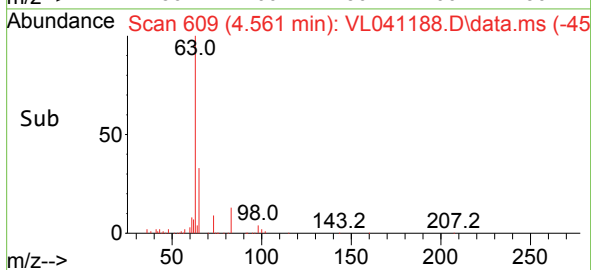
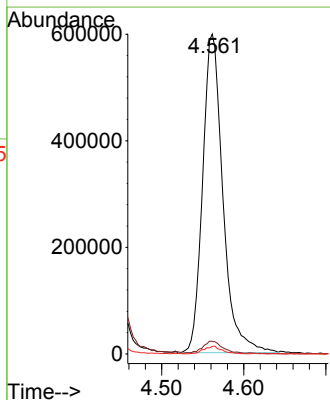
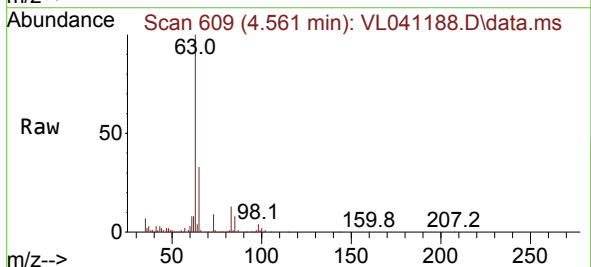
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.9	7.3
42	10.7	8.0	12.0
44	5.0	3.7	5.5

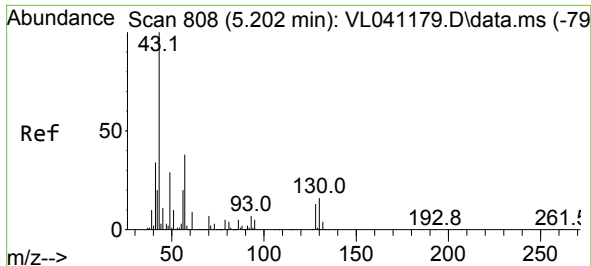


#24
1,1-Dichloroethane
Concen: 9.918 ppbv
RT: 4.561 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 63 Resp: 1026680

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.6	4.8
100	2.3	1.1	3.5



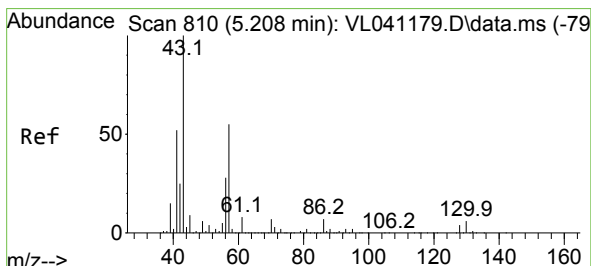
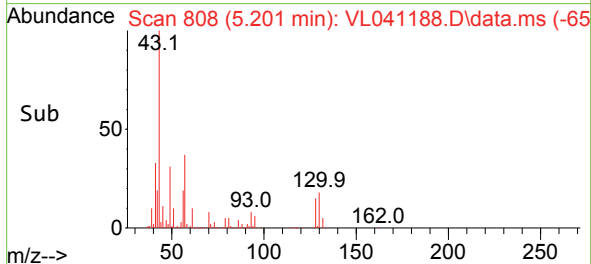
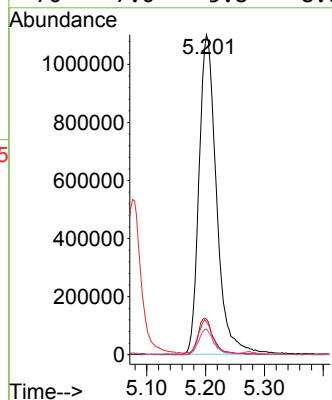
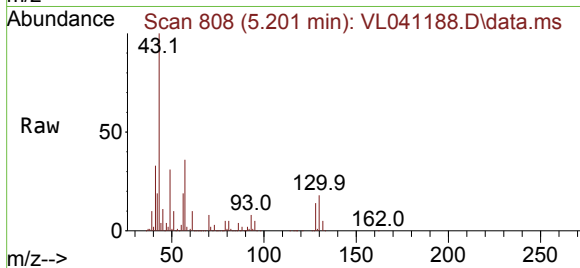


#25
Ethyl Acetate
Concen: 9.420 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2273169

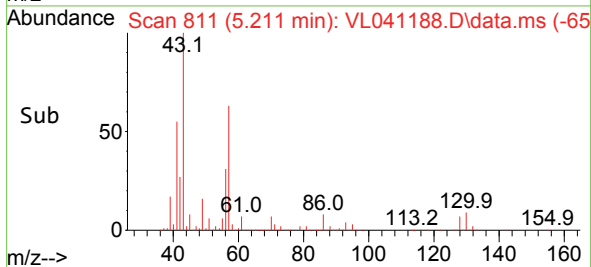
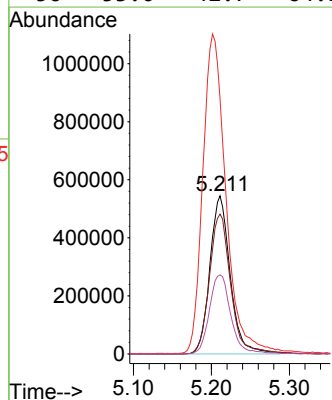
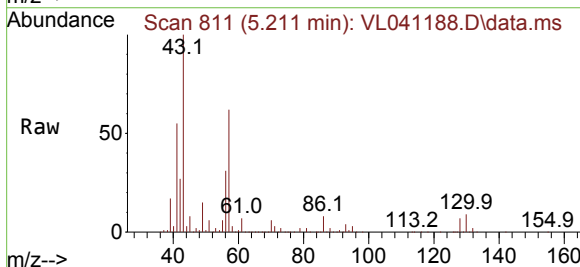
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	9.7	7.7	11.5
70	7.0	5.8	8.6

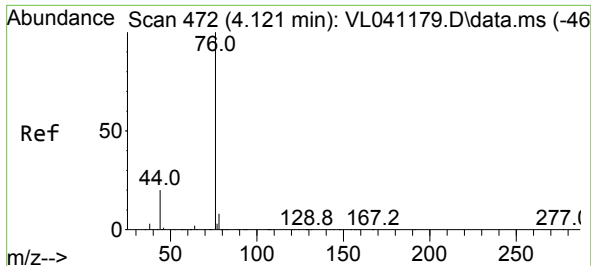


#26
Hexane
Concen: 9.187 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 57 Resp: 989367

Ion	Ratio	Lower	Upper
57	100		
41	92.8	75.8	113.8
43	231.2	187.0	280.4
56	53.0	42.7	64.1

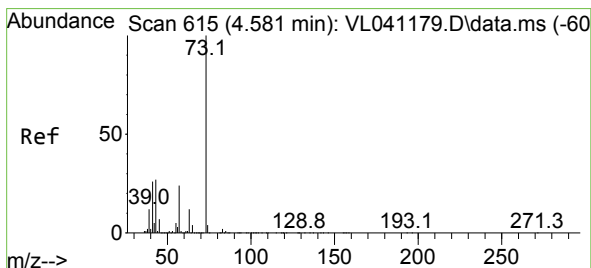
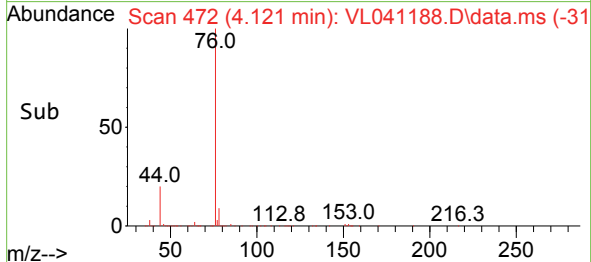
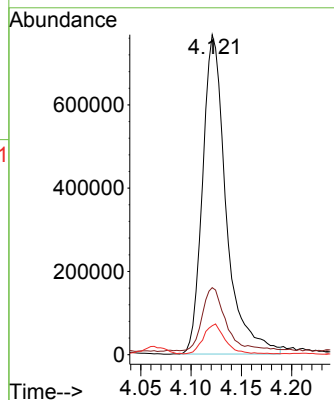
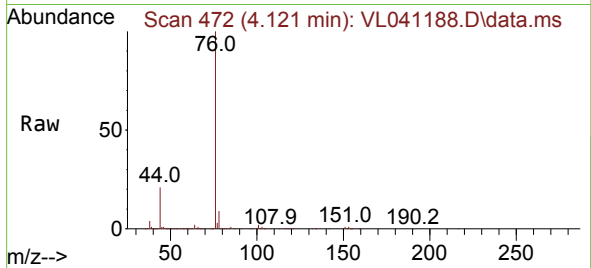




#27
Carbon Disulfide
Concen: 9.838 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

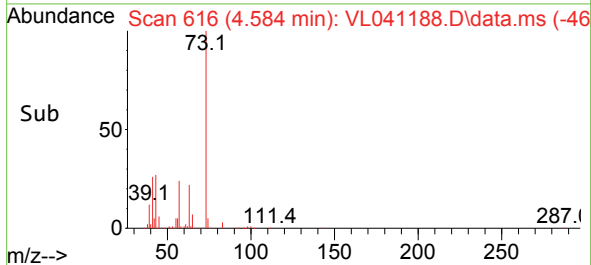
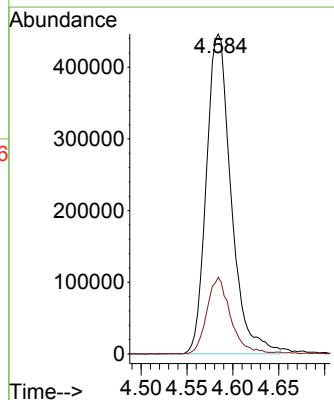
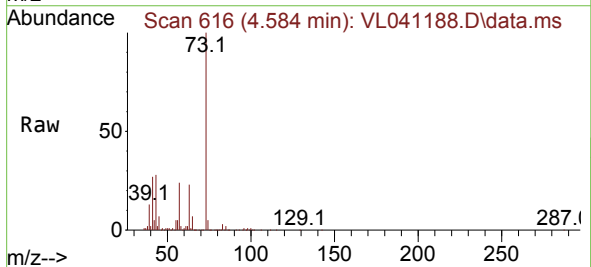
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

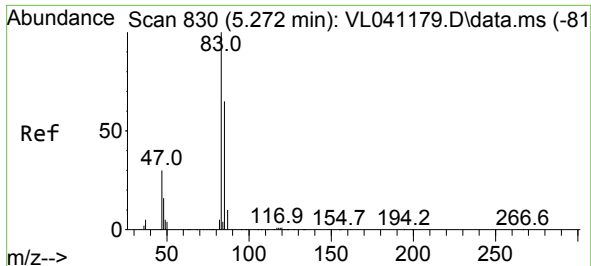
Tgt Ion: 76 Resp: 1254032
Ion Ratio Lower Upper
76 100
44 21.4 16.3 24.5
78 9.4 7.3 10.9



#28
Methyl tert-Butyl Ether
Concen: 9.774 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 73 Resp: 838056
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2





#29

Chloroform

Concen: 9.634 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

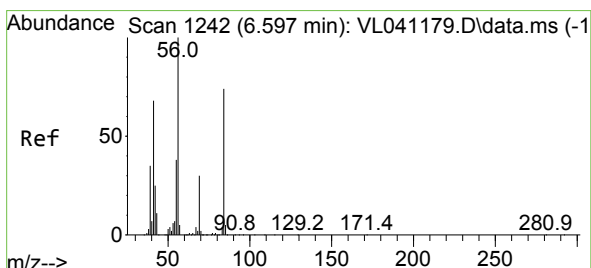
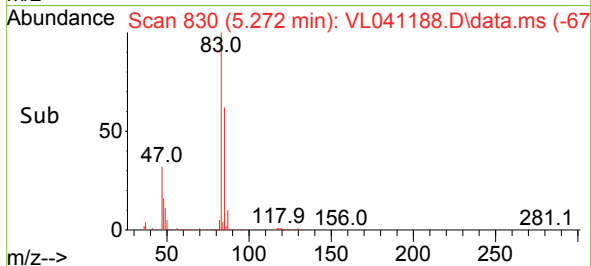
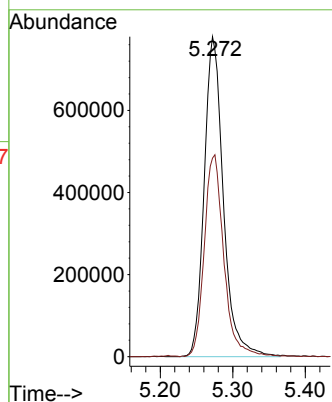
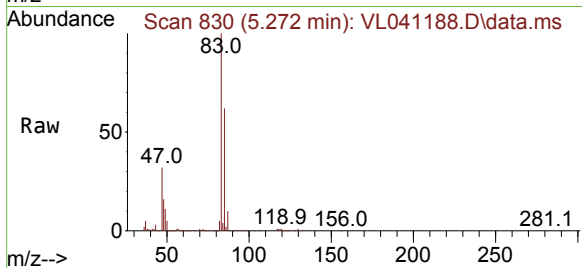
VSTDCCC010

Tgt Ion: 83 Resp: 1431175

Ion Ratio Lower Upper

83 100

85 62.1 51.7 77.5



#30

Cyclohexane

Concen: 9.377 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

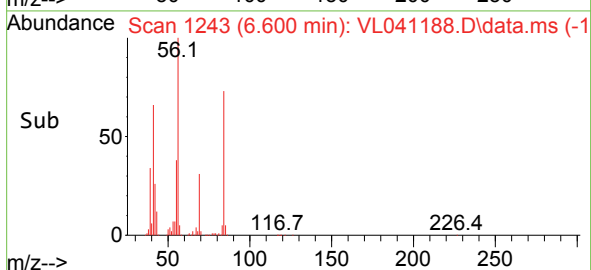
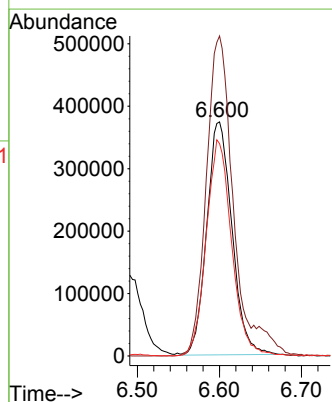
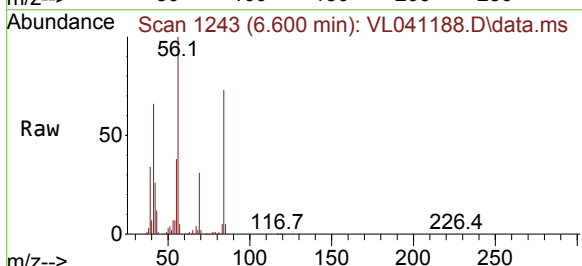
Tgt Ion: 84 Resp: 799290

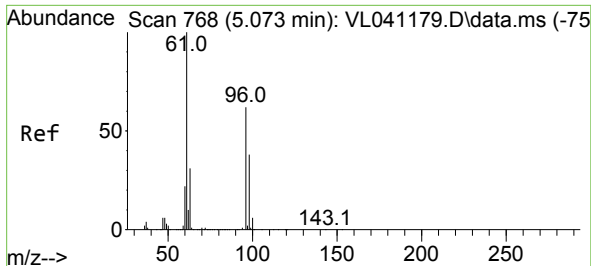
Ion Ratio Lower Upper

84 100

56 148.7 116.8 175.2

41 93.4 73.8 110.8

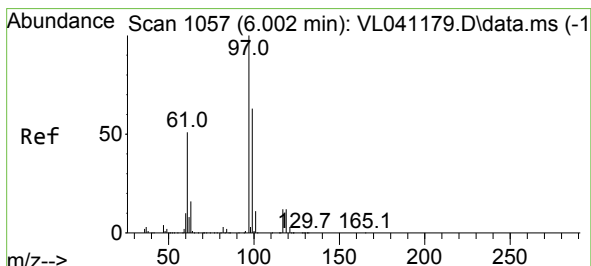
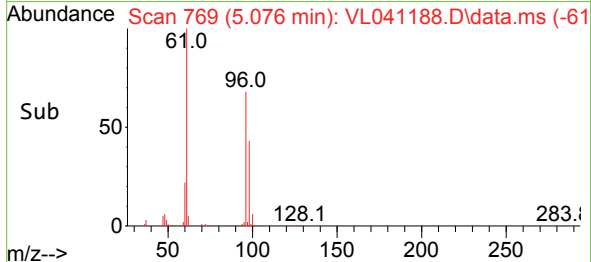
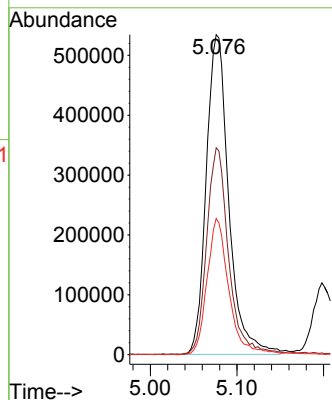
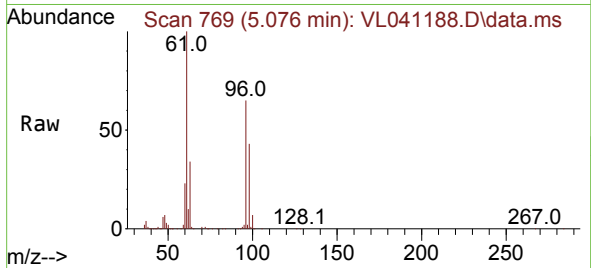




#31
 cis-1,2-Dichloroethene
 Concen: 9.562 ppbv
 RT: 5.076 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

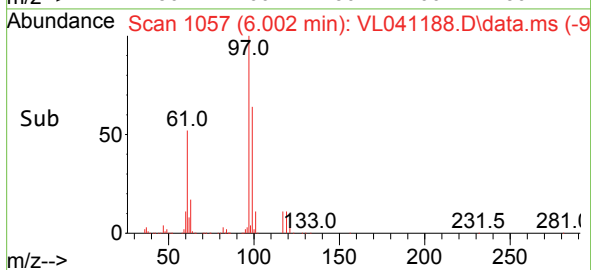
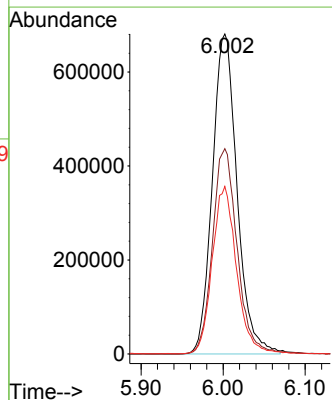
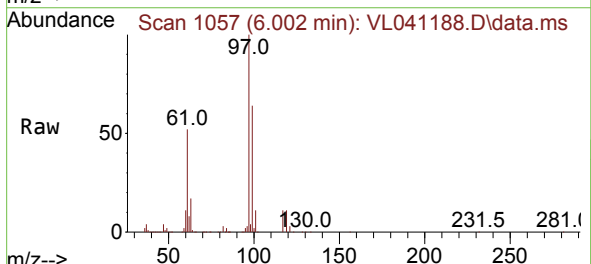
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

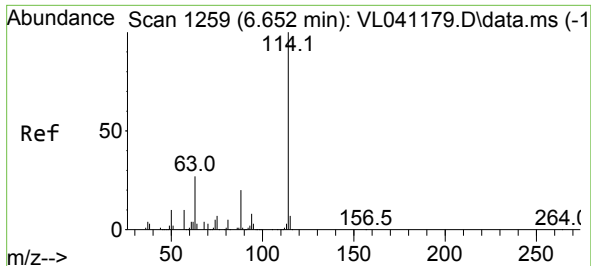
Tgt Ion: 61 Resp: 963976
 Ion Ratio Lower Upper
 61 100
 96 64.6 49.8 74.6
 98 42.6 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 9.622 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 97 Resp: 1426260
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 51.7 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

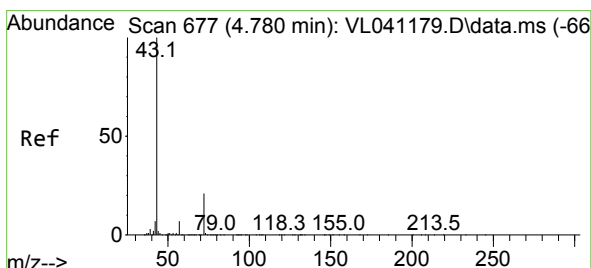
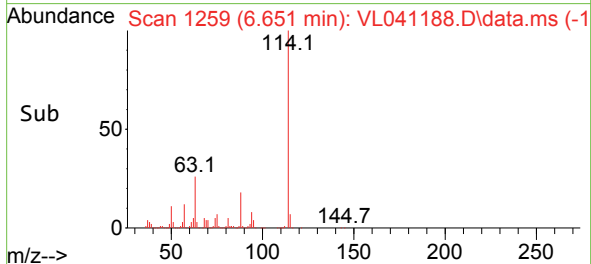
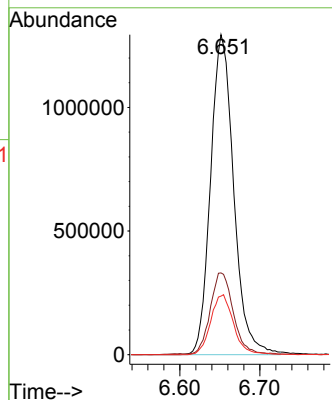
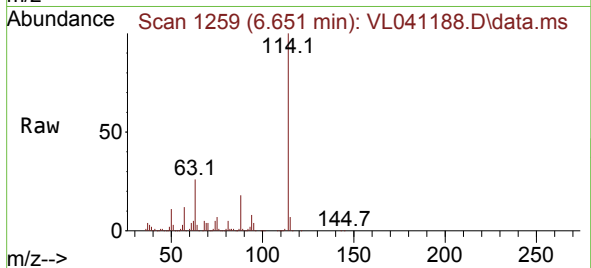
Tgt Ion:114 Resp: 2598160

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.6

88 18.6 15.2 22.8



#34

2-Butanone

Concen: 8.871 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041188.D

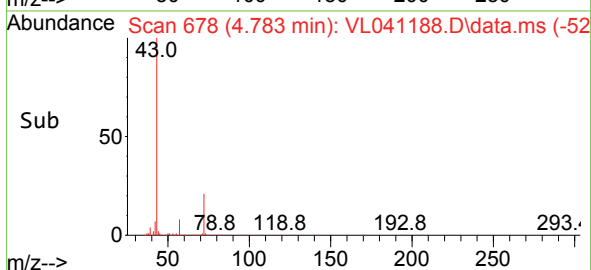
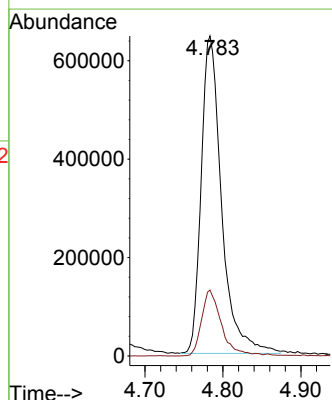
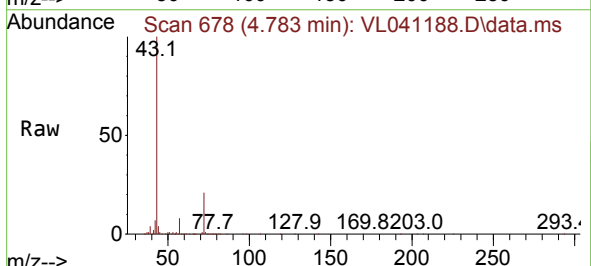
Acq: 2 May 2024 9:18

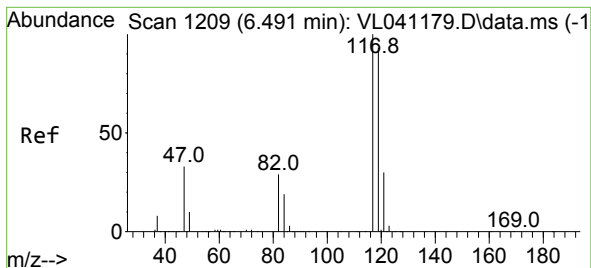
Tgt Ion: 43 Resp: 1173073

Ion Ratio Lower Upper

43 100

72 20.7 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.725 ppbv

RT: 6.491 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

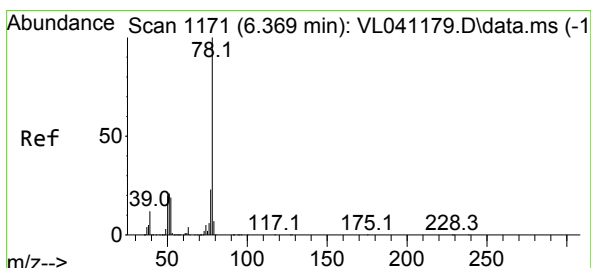
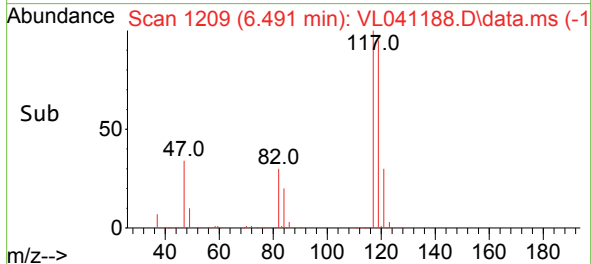
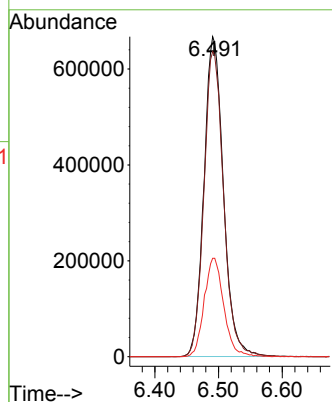
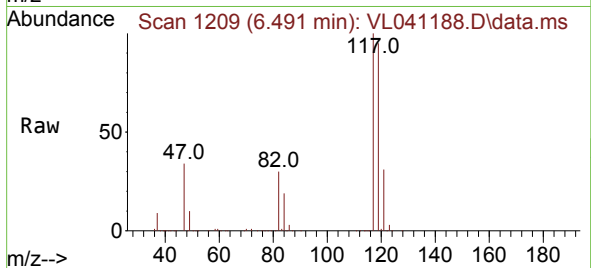
Tgt Ion:117 Resp: 1418064

Ion Ratio Lower Upper

117 100

119 95.4 74.3 111.5

121 30.8 23.8 35.8



#36

Benzene

Concen: 9.346 ppbv

RT: 6.368 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

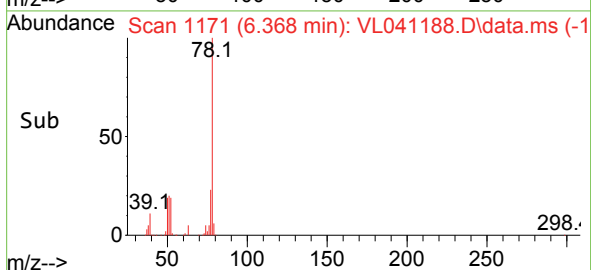
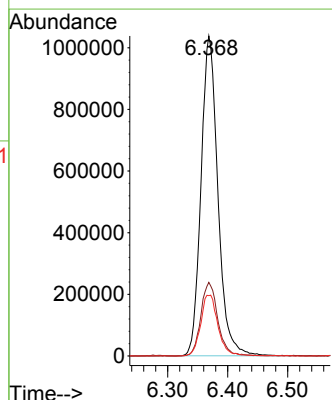
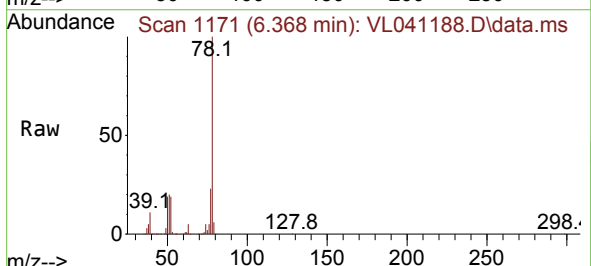
Tgt Ion: 78 Resp: 2037807

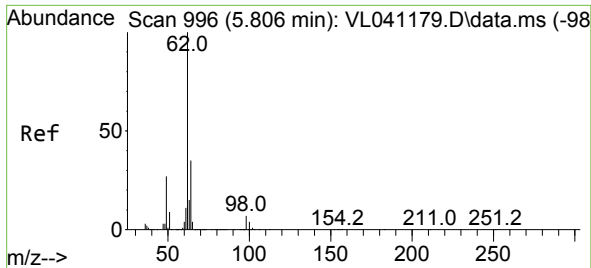
Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

50 18.8 15.9 23.9

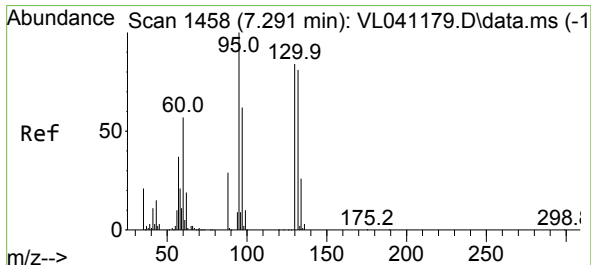
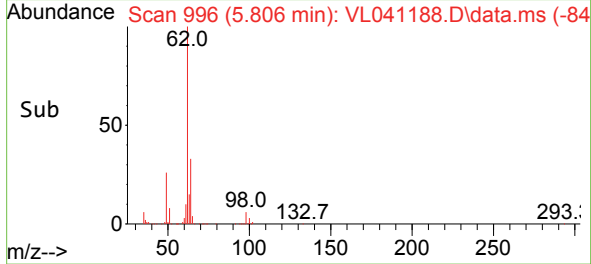
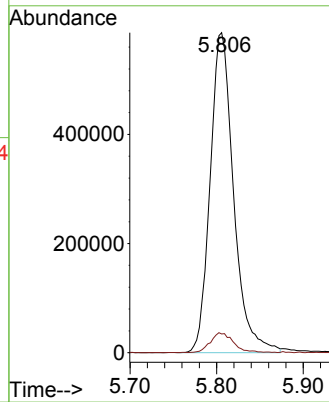
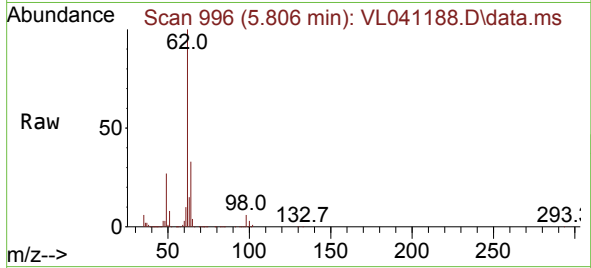




#37
1,2-Dichloroethane
Concen: 9.710 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

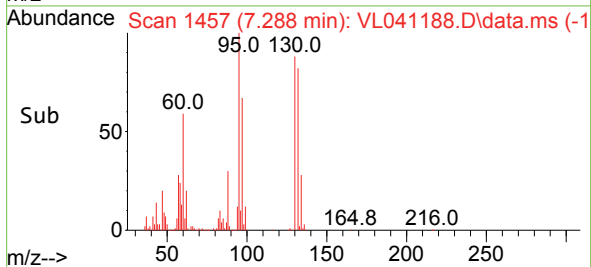
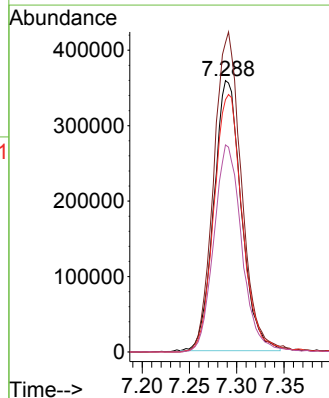
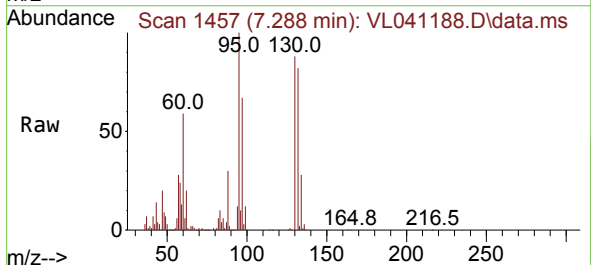
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

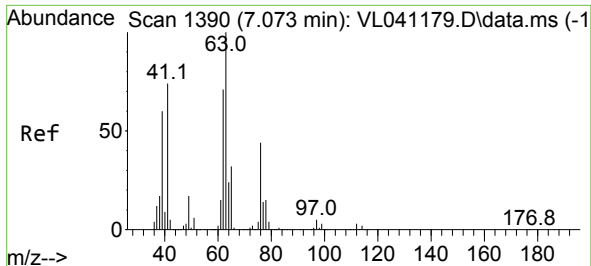
Tgt Ion: 62 Resp: 1104586
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.4



#38
Trichloroethene
Concen: 8.923 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion:130 Resp: 724968
Ion Ratio Lower Upper
130 100
95 114.5 95.0 142.6
132 93.5 77.0 115.4
97 76.7 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.471 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

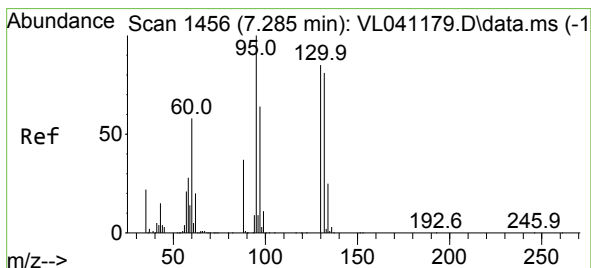
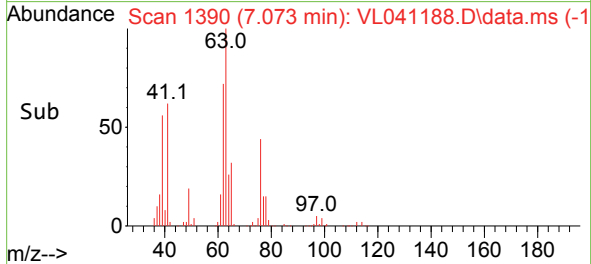
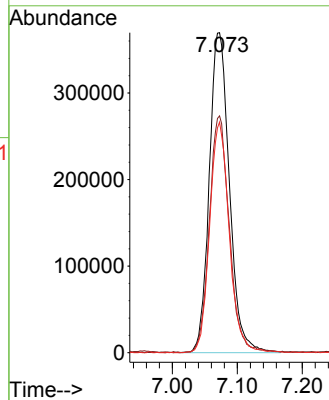
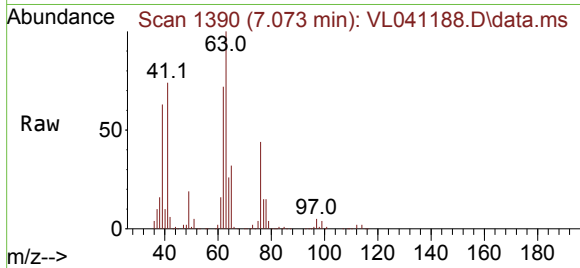
Tgt Ion: 63 Resp: 795782

Ion Ratio Lower Upper

63 100

41 73.9 59.4 89.0

62 72.1 56.8 85.2



#40

1,4-Dioxane

Concen: 10.325 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Tgt Ion: 88 Resp: 309946

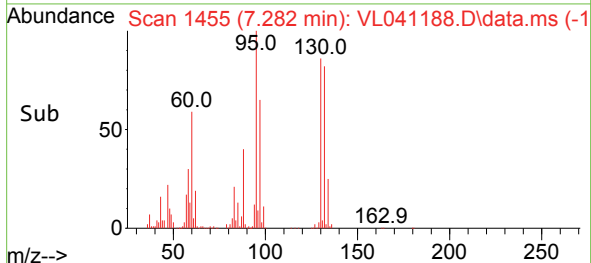
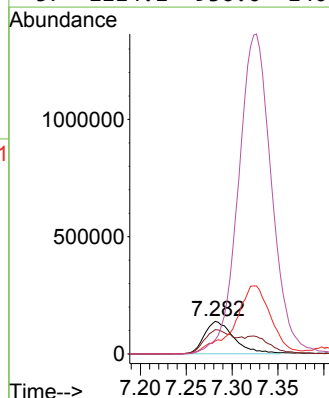
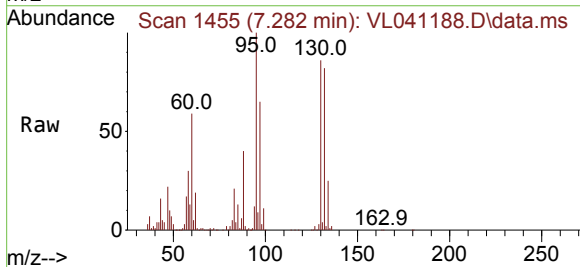
Ion Ratio Lower Upper

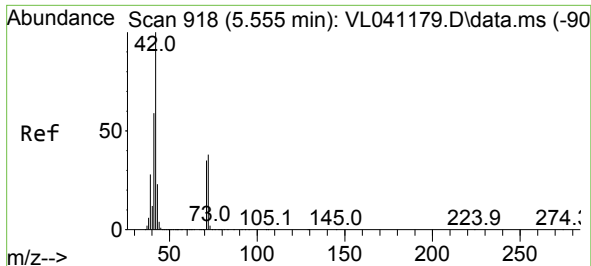
88 100

58 126.7 106.1 159.1

43 259.6 219.8 329.6

57 1114.1 936.0 1404.0





#41

Tetrahydrofuran

Concen: 9.431 ppbv

RT: 5.552 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

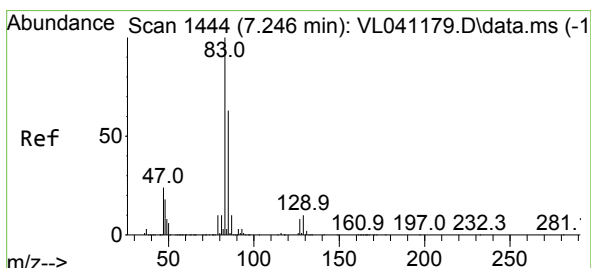
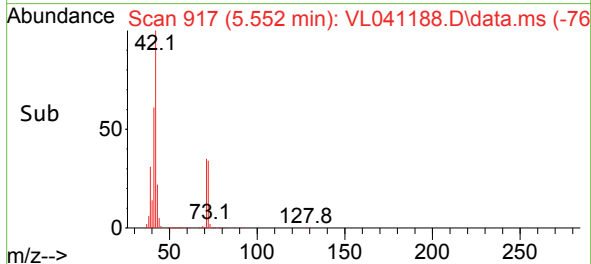
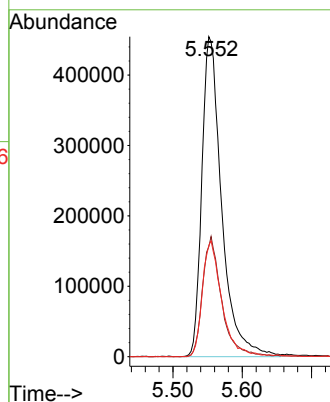
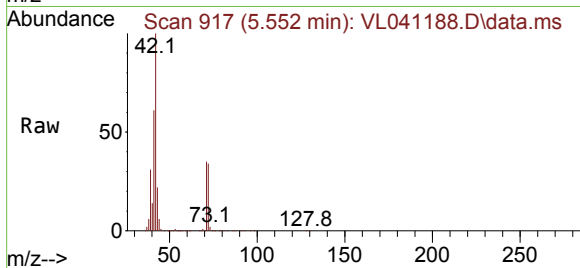
Tgt Ion: 42 Resp: 902889

Ion Ratio Lower Upper

42 100

72 36.3 29.4 44.0

71 35.9 29.1 43.7



#42

Bromodichloromethane

Concen: 9.828 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

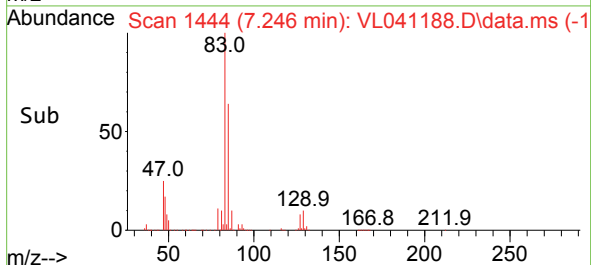
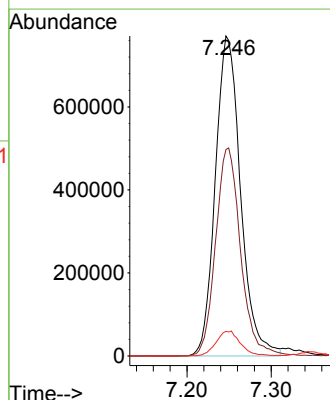
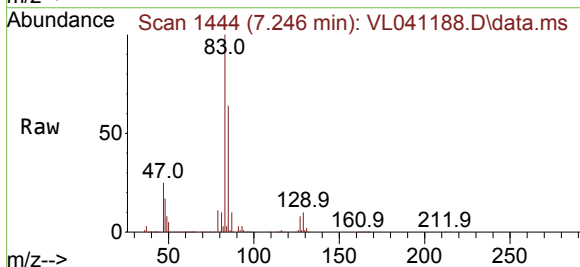
Tgt Ion: 83 Resp: 1603398

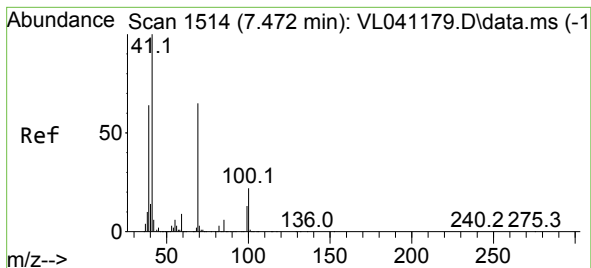
Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8

127 7.7 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.470 ppbv

RT: 7.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

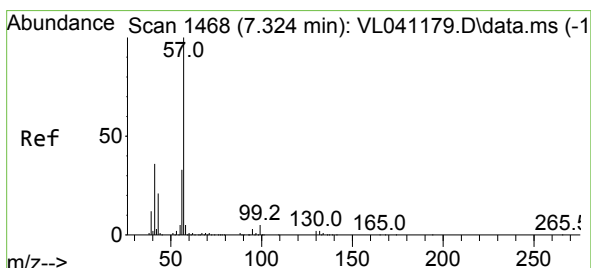
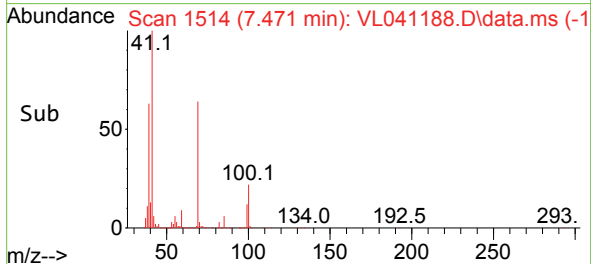
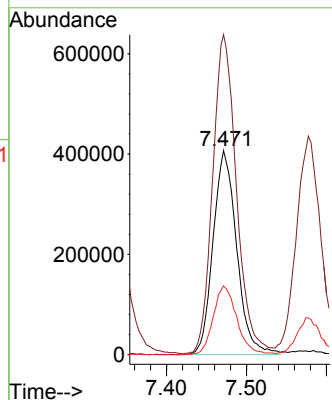
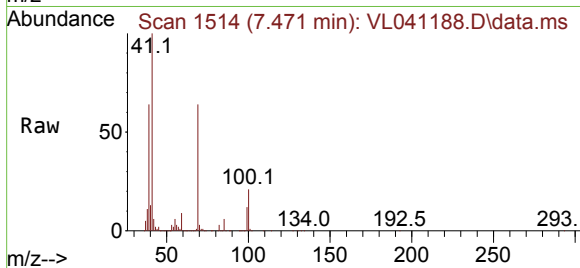
Tgt Ion: 69 Resp: 835132

Ion Ratio Lower Upper

69 100

41 157.4 125.2 187.8

100 33.5 26.7 40.1



#44

2,2,4-Trimethylpentane

Concen: 9.164 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

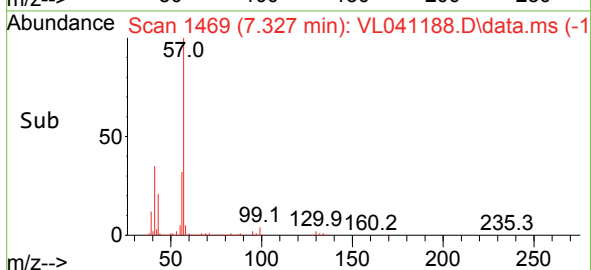
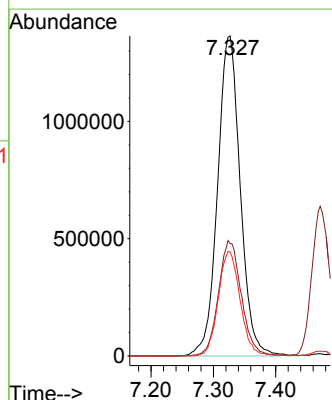
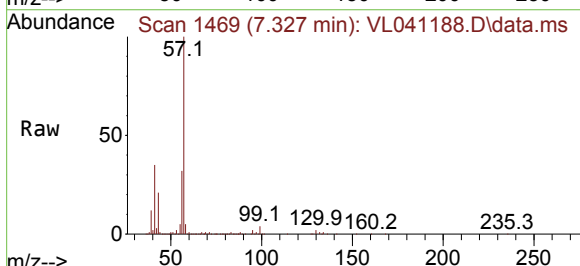
Tgt Ion: 57 Resp: 3445196

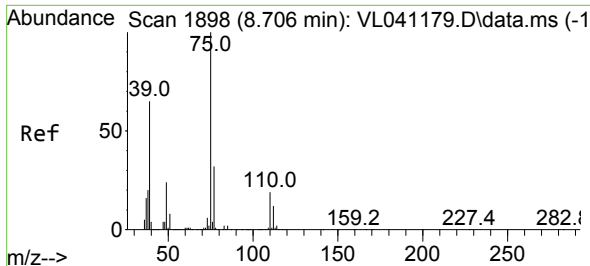
Ion Ratio Lower Upper

57 100

41 36.3 29.5 44.3

56 31.6 25.3 37.9

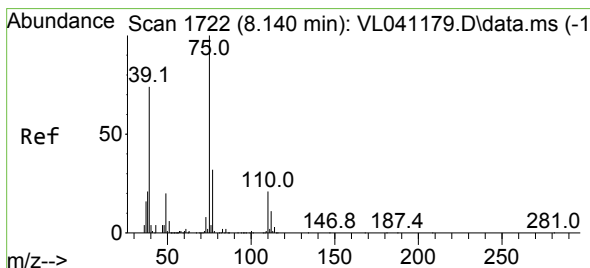
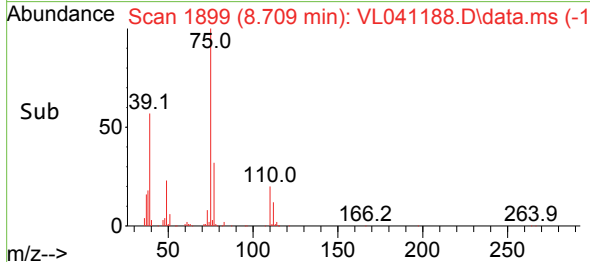
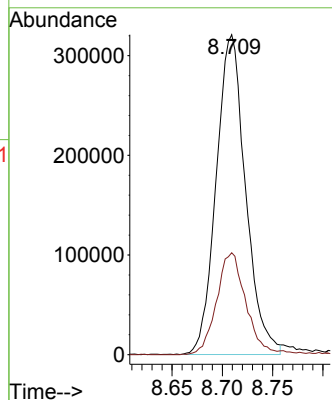
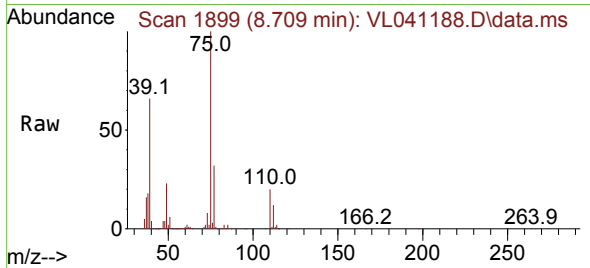




#45
 t-1,3-Dichloropropene
 Concen: 10.194 ppbv
 RT: 8.709 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

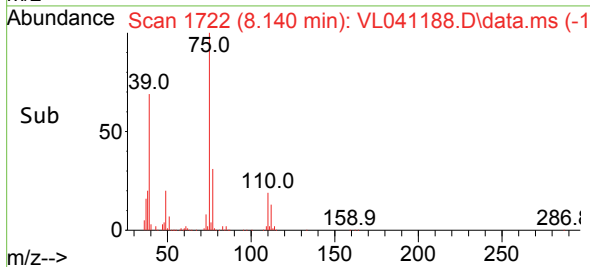
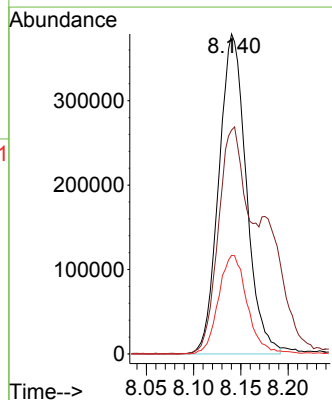
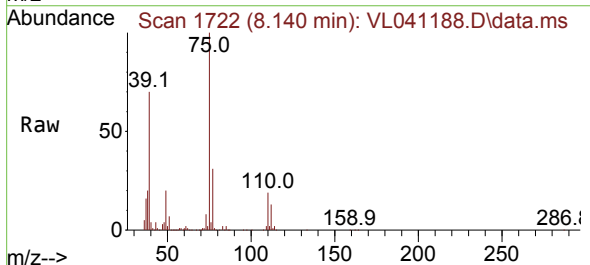
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

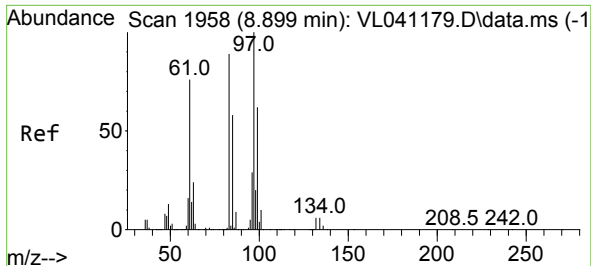
Tgt Ion: 75 Resp: 651407
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 9.777 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 75 Resp: 764920
 Ion Ratio Lower Upper
 75 100
 39 69.8 59.4 89.2
 77 30.8 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 9.552 ppbv

RT: 8.896 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 803388

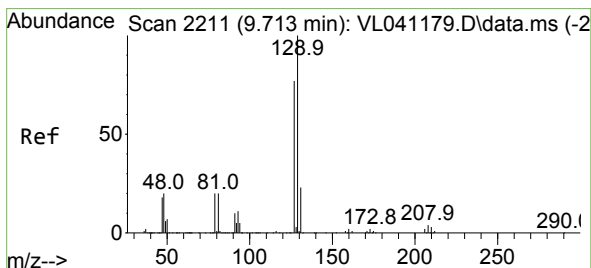
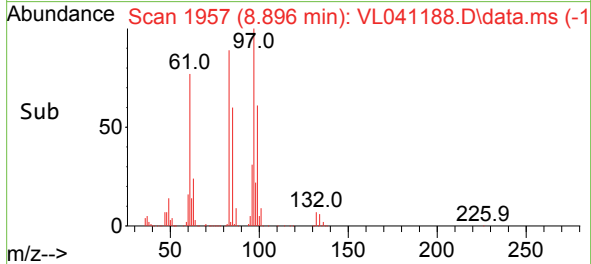
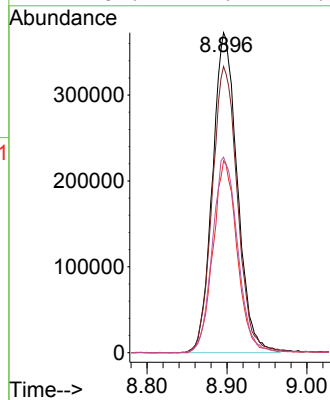
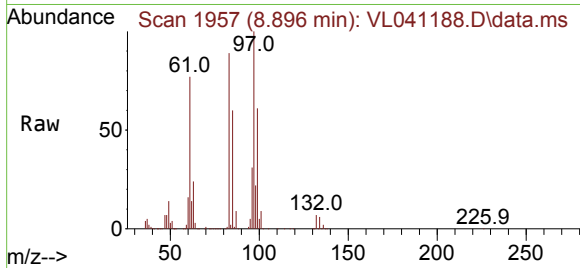
Ion Ratio Lower Upper

97 100

83 89.4 71.2 106.8

85 59.9 46.0 69.0

99 61.1 49.7 74.5



#48

Dibromochloromethane

Concen: 9.865 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VL041188.D

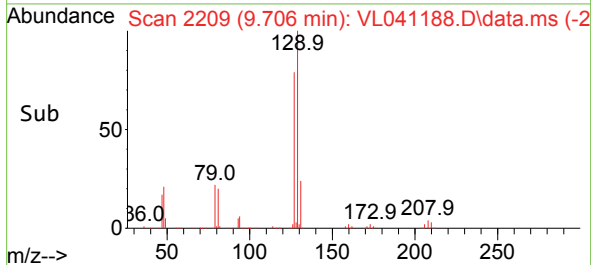
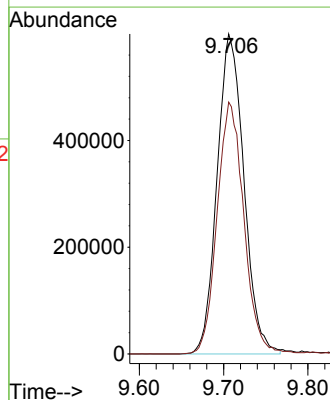
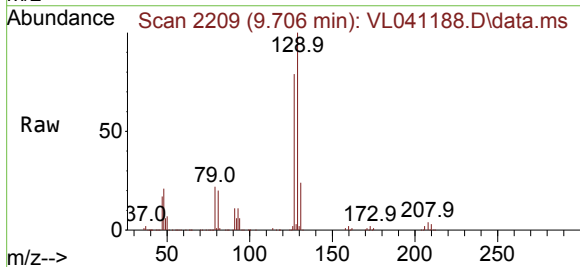
Acq: 2 May 2024 9:18

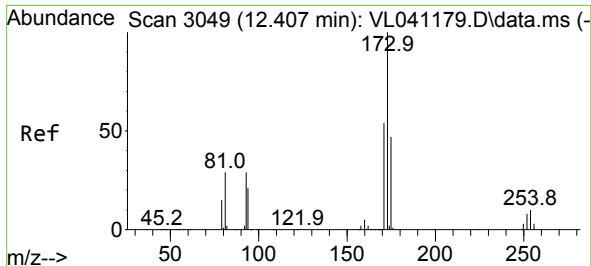
Tgt Ion: 129 Resp: 1321940

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.5



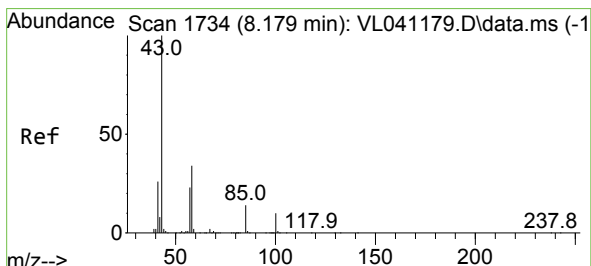
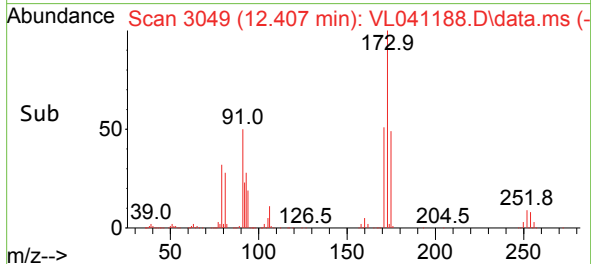
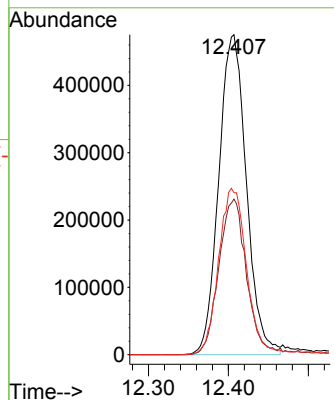
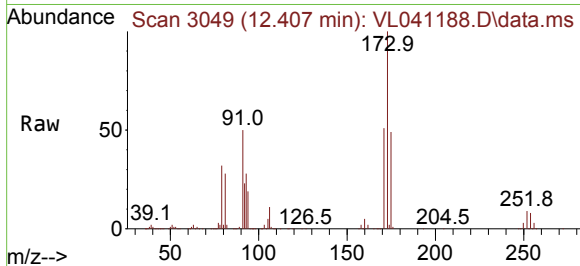


#49
Bromoform
Concen: 9.996 ppbv
RT: 12.407 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1139522

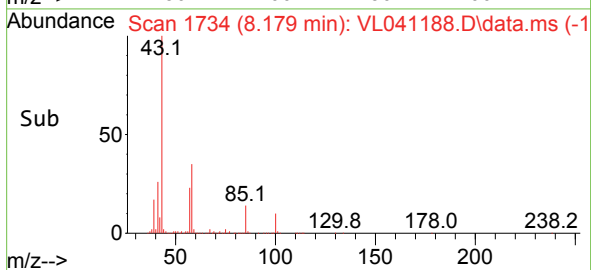
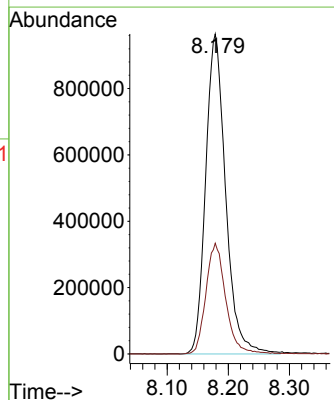
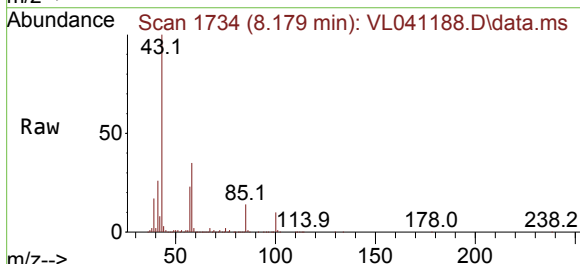
Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.8	59.8
171	53.5	41.8	62.8

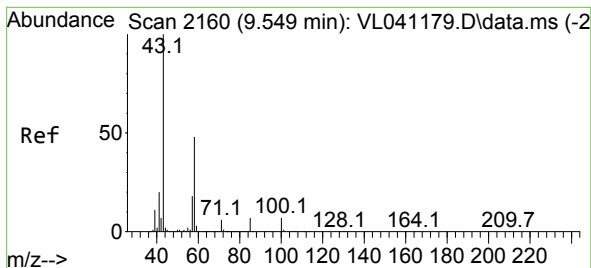


#50
4-Methyl-2-Pentanone
Concen: 9.195 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 43 Resp: 2182176

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.7	41.5





#51

2-Hexanone

Concen: 9.148 ppbv

RT: 9.545 min Scan# 2160

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

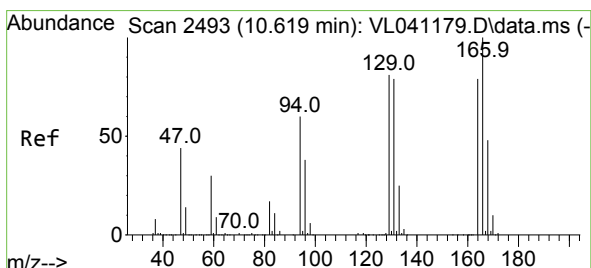
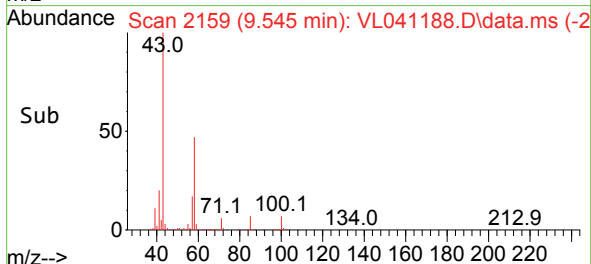
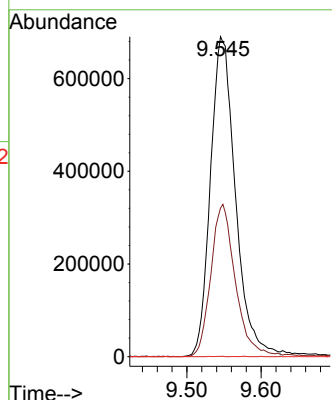
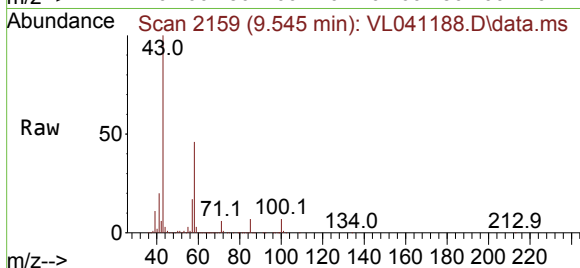
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1610275

Ion	Ratio	Lower	Upper
43	100		
58	47.8	38.4	57.6
98	0.0	0.0	0.0



#52

Tetrachloroethene

Concen: 9.299 ppbv

RT: 10.613 min Scan# 2491

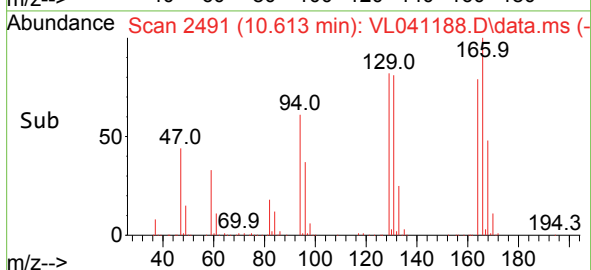
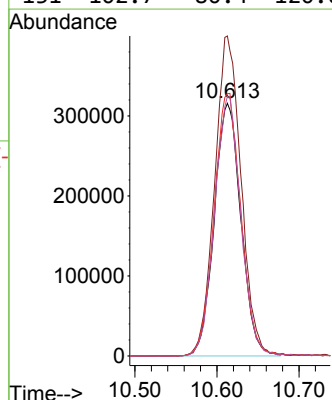
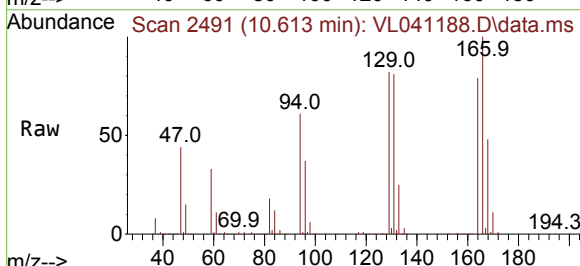
Delta R.T. 0.000 min

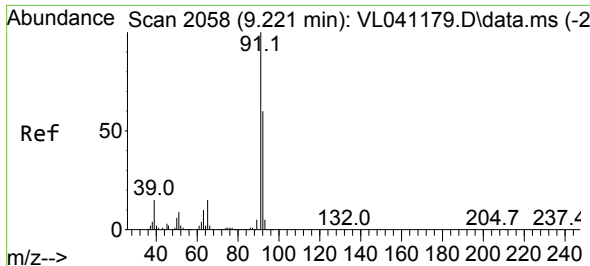
Lab File: VL041188.D

Acq: 2 May 2024 9:18

Tgt Ion: 164 Resp: 712640

Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.1	151.7
129	103.6	81.7	122.5
131	102.7	80.4	120.6

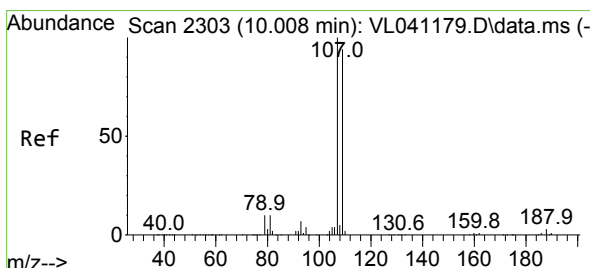
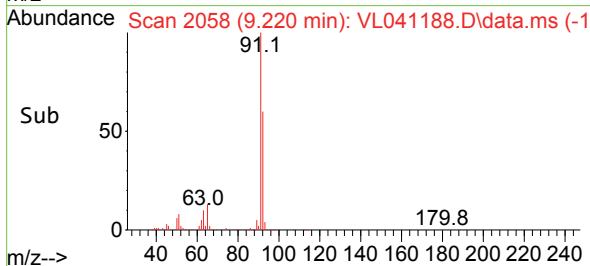
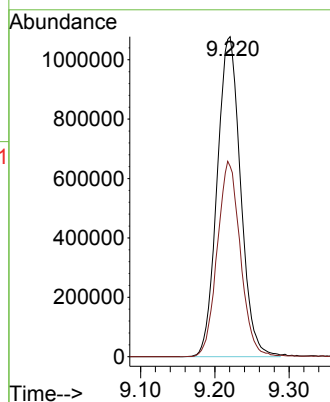
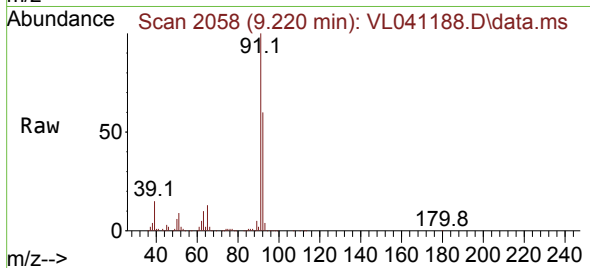




#53
Toluene
Concen: 9.351 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

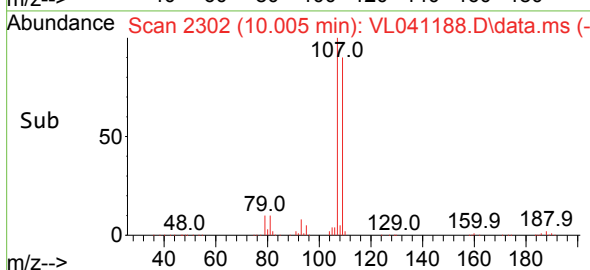
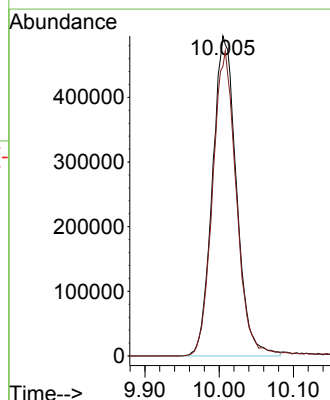
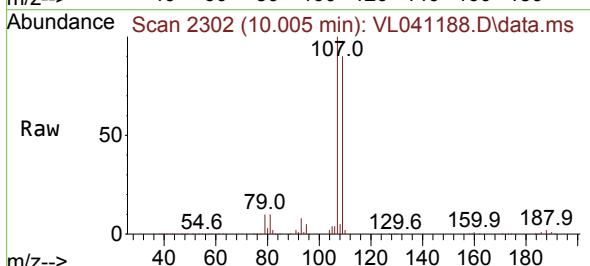
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

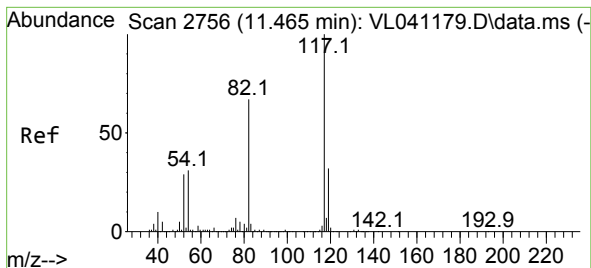
Tgt Ion: 91 Resp: 2364051
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.761 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 107 Resp: 1111878
Ion Ratio Lower Upper
107 100
109 90.5 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

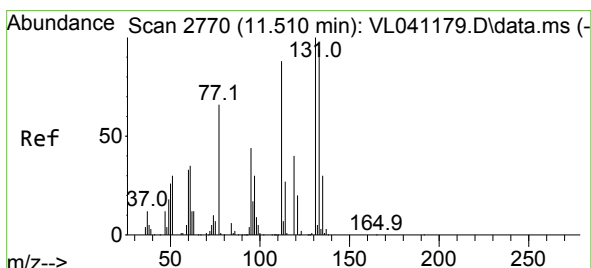
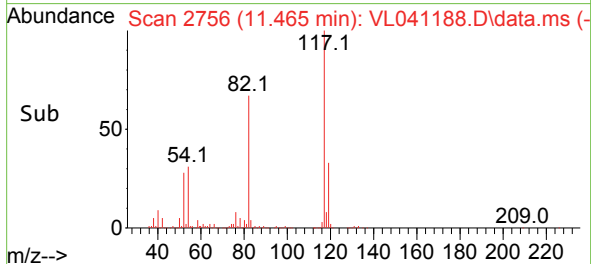
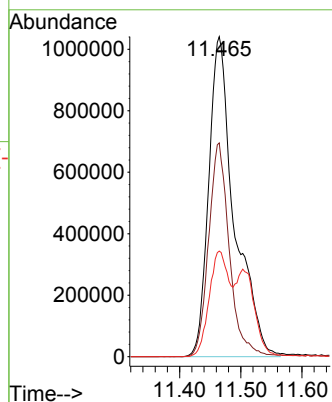
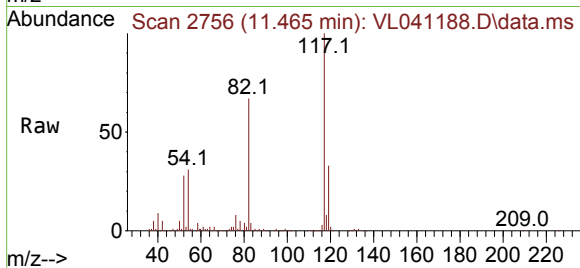
Tgt Ion:117 Resp: 3033260

Ion Ratio Lower Upper

117 100

82 54.6 53.6 80.4

119 26.2 27.2 40.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.929 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

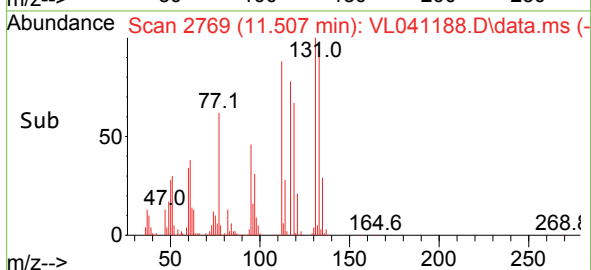
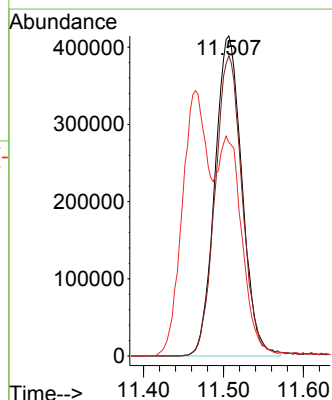
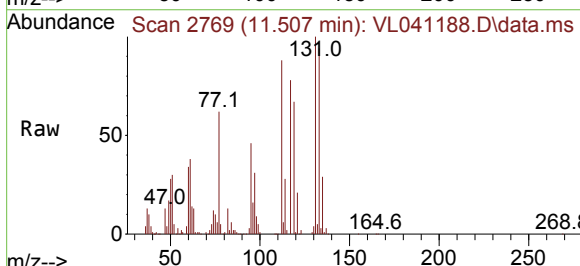
Tgt Ion:131 Resp: 975213

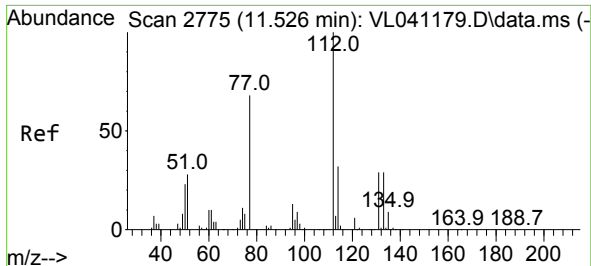
Ion Ratio Lower Upper

131 100

133 94.9 76.3 114.5

119 58.3 49.4 74.2

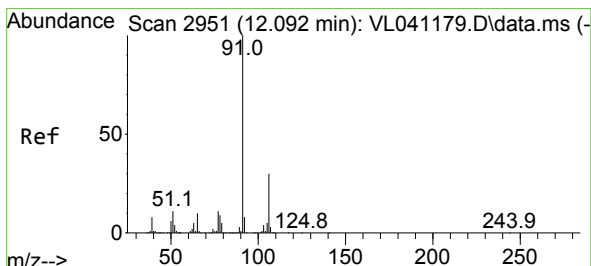
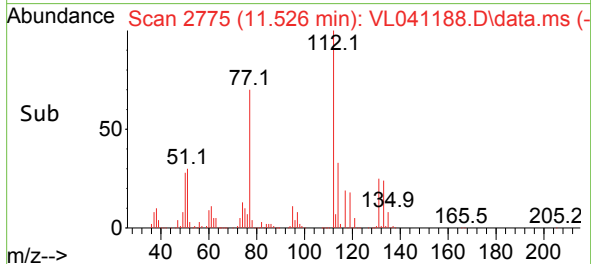
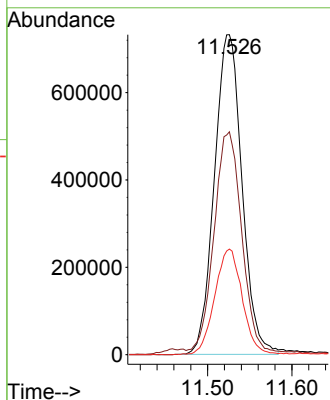
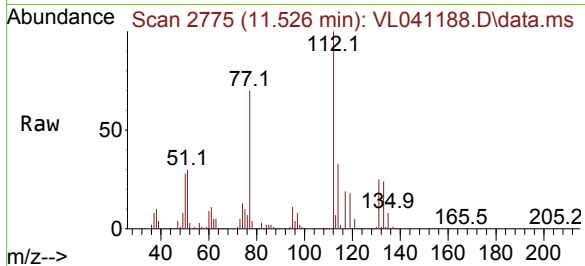




#57
Chlorobenzene
Concen: 7.505 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

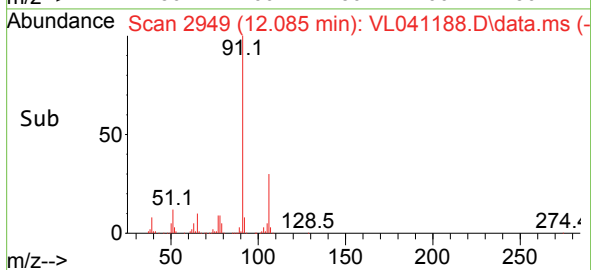
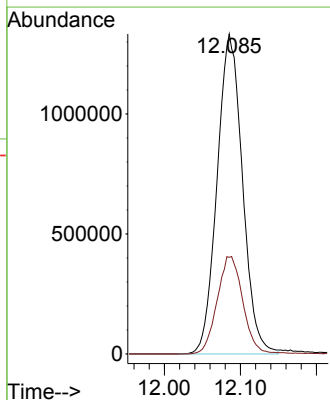
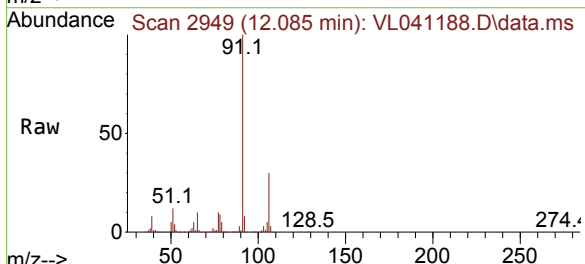
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

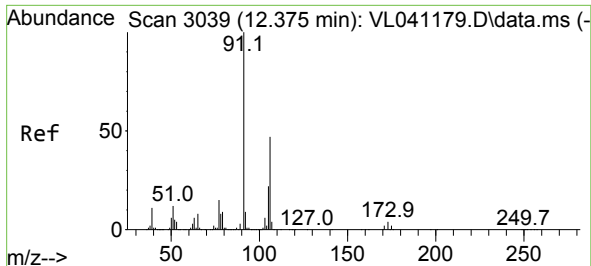
Tgt Ion:112 Resp: 1667118
Ion Ratio Lower Upper
112 100
77 68.6 54.9 82.3
114 32.9 28.7 35.1



#58
Ethyl Benzene
Concen: 7.429 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 91 Resp: 3089978
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5





#59

m/p-Xylene

Concen: 7.659 ppbv

RT: 12.371 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

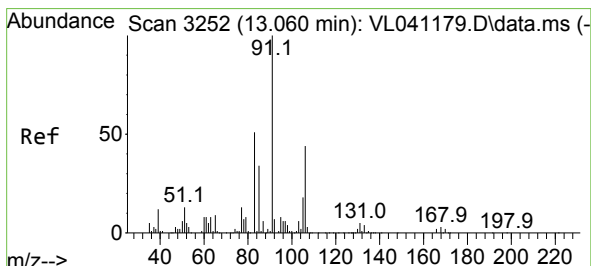
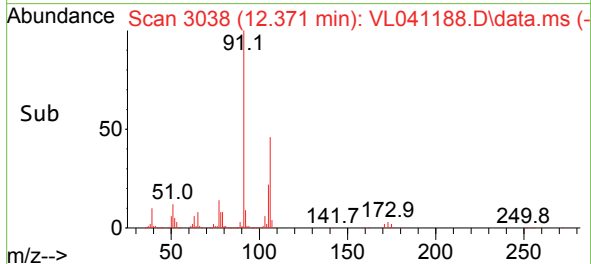
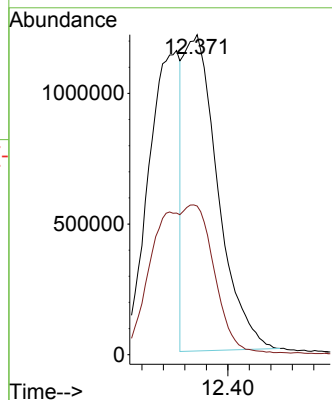
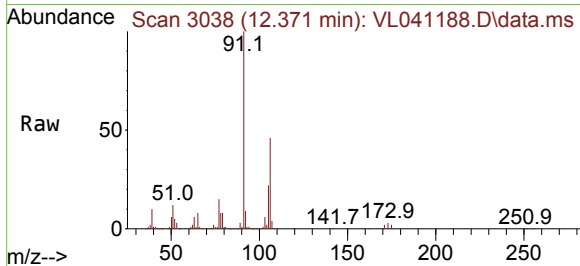
VSTDCCC010

Tgt Ion: 91 Resp: 2677476

Ion Ratio Lower Upper

91 100

106 86.0 35.7 53.5#



#60

o-Xylene

Concen: 7.358 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041188.D

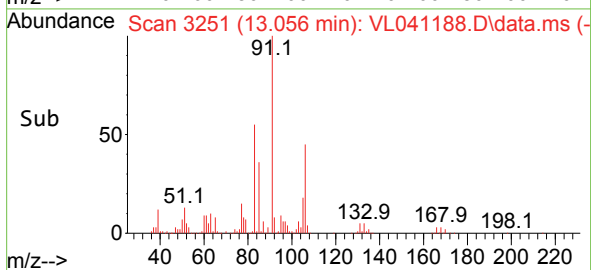
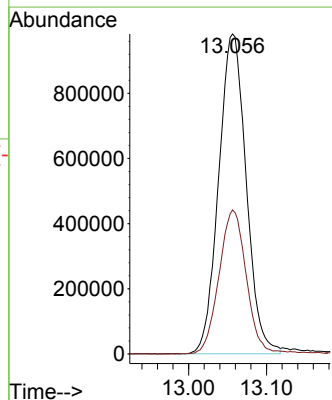
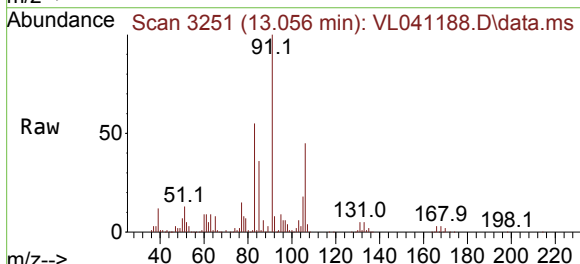
Acq: 2 May 2024 9:18

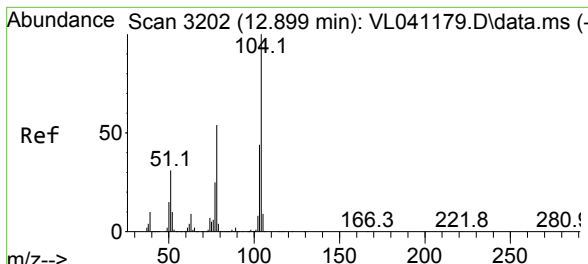
Tgt Ion: 91 Resp: 2410914

Ion Ratio Lower Upper

91 100

106 45.3 22.4 67.3



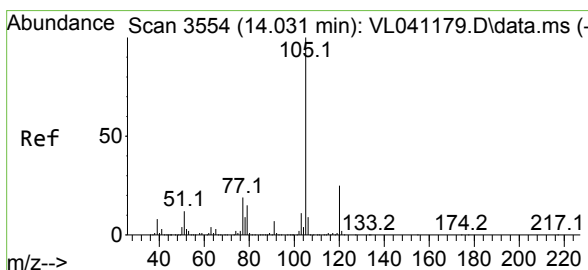
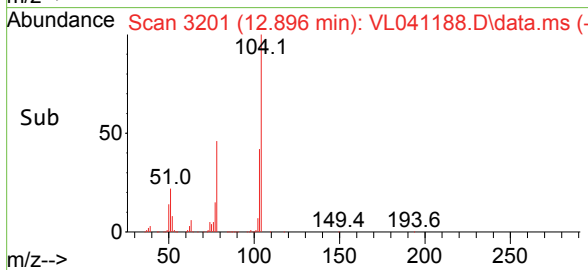
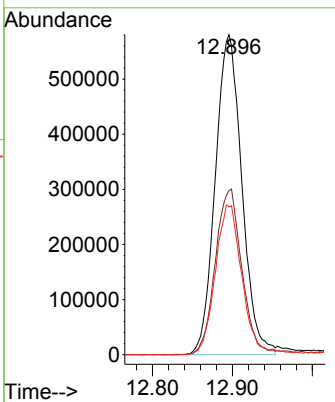
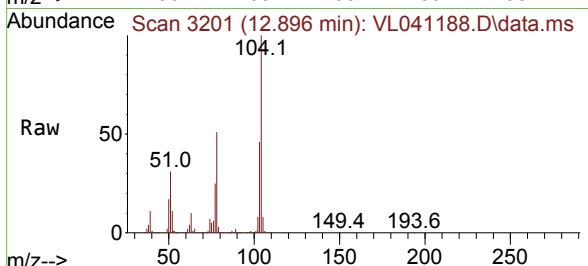


#61
 Styrene
 Concen: 7.738 ppbv
 RT: 12.896 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:104 Resp: 1339377

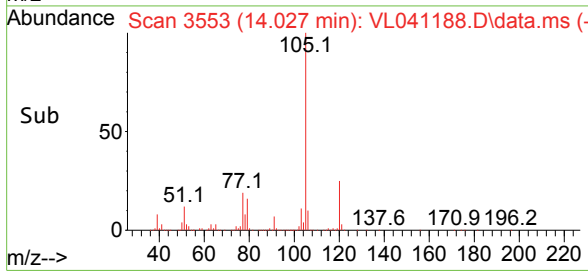
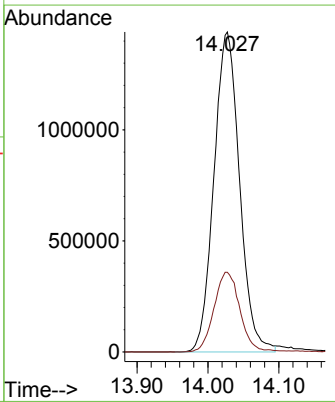
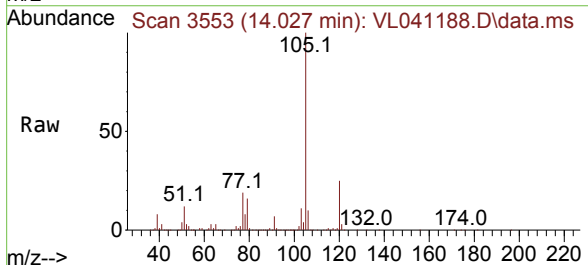
Ion	Ratio	Lower	Upper
104	100		
78	52.6	42.6	63.8
103	47.3	38.4	57.6

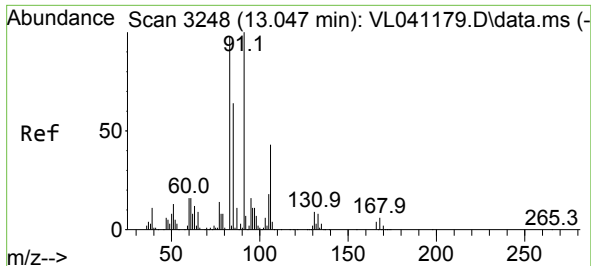


#62
 Isopropylbenzene
 Concen: 7.372 ppbv
 RT: 14.027 min Scan# 3553
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion:105 Resp: 3613394

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.2	30.2

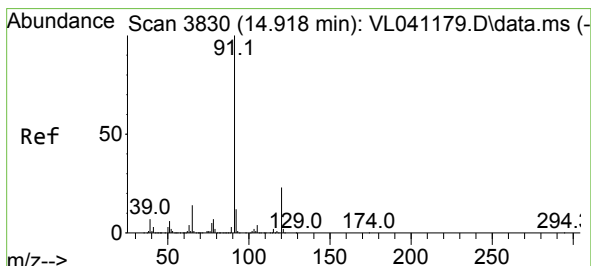
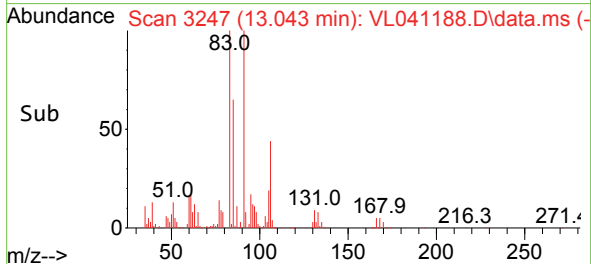
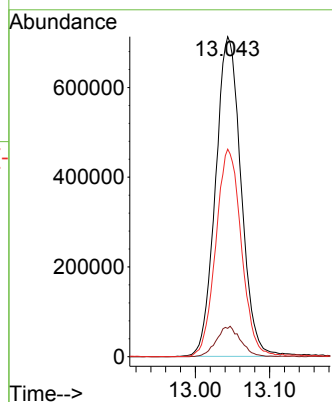
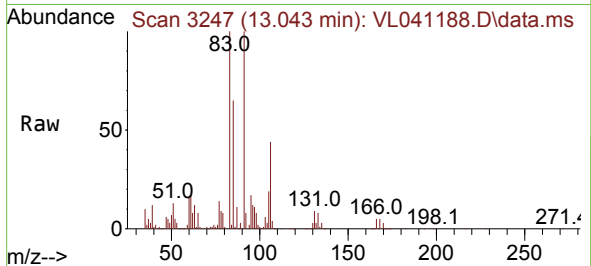




#63
1,1,2,2-Tetrachloroethane
Concen: 7.612 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

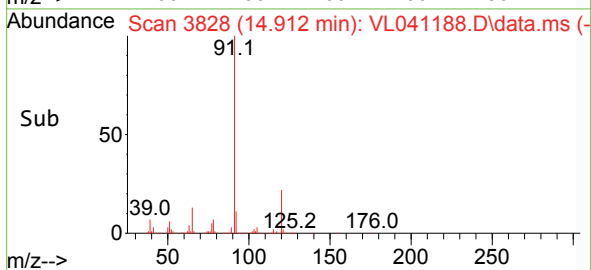
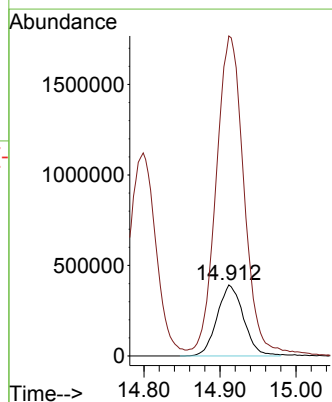
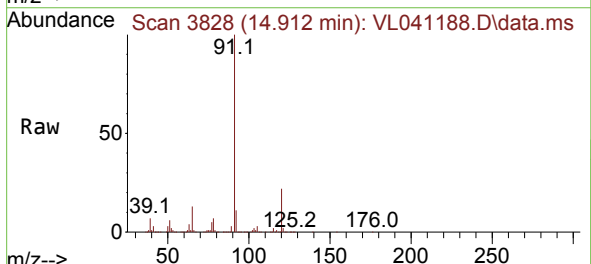
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

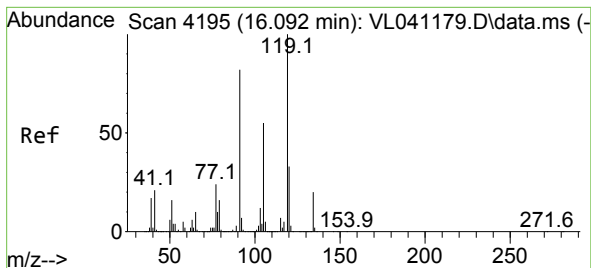
Tgt Ion: 83 Resp: 1700222
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 66.0 32.7 98.1



#64
n-propylbenzene
Concen: 7.736 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 120 Resp: 945944
Ion Ratio Lower Upper
120 100
91 481.2 384.8 577.2





#65

tert-Butylbenzene

Concen: 7.165 ppbv

RT: 16.088 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

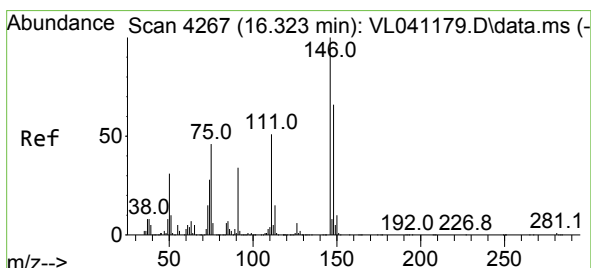
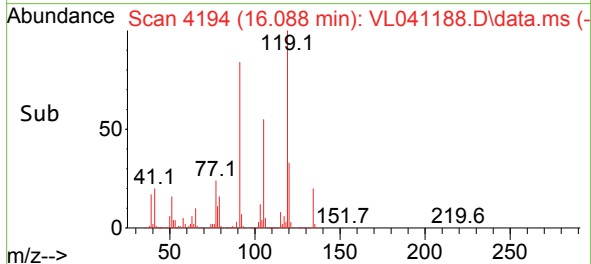
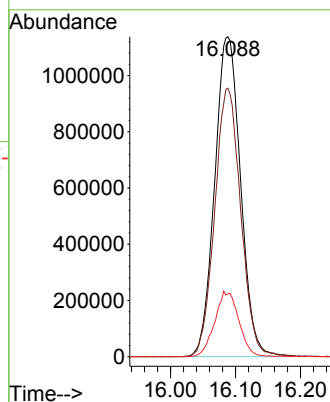
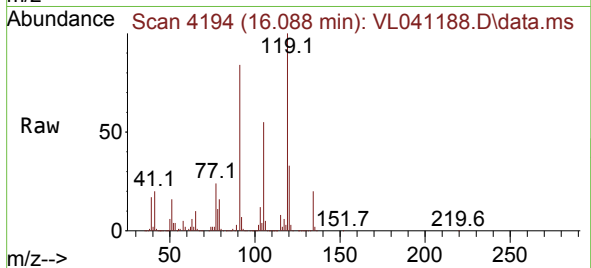
Tgt Ion:119 Resp: 3145305

Ion Ratio Lower Upper

119 100

91 84.5 67.0 100.4

134 19.1 15.2 22.8



#66

Benzyl Chloride

Concen: 7.769 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

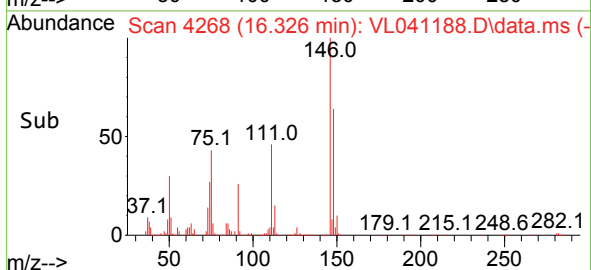
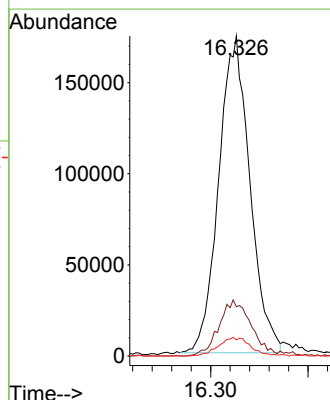
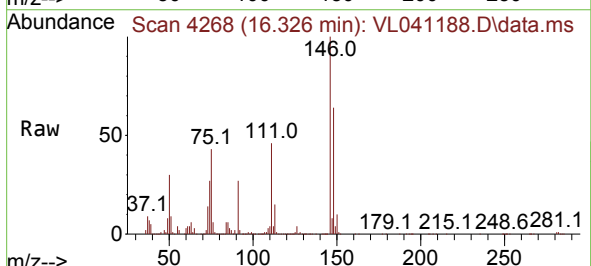
Tgt Ion: 91 Resp: 386051

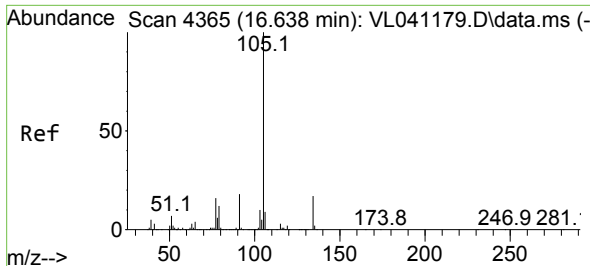
Ion Ratio Lower Upper

91 100

126 19.0 14.6 21.8

128 6.2 4.7 7.1

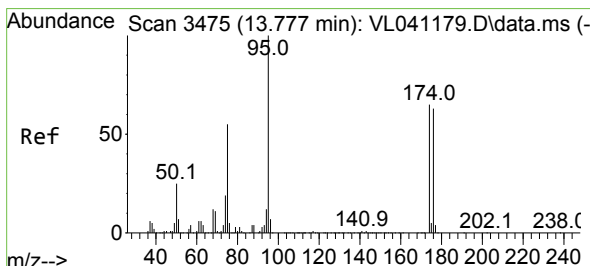
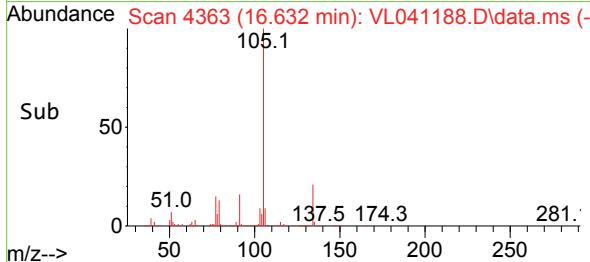
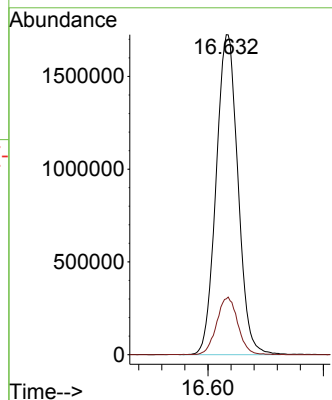
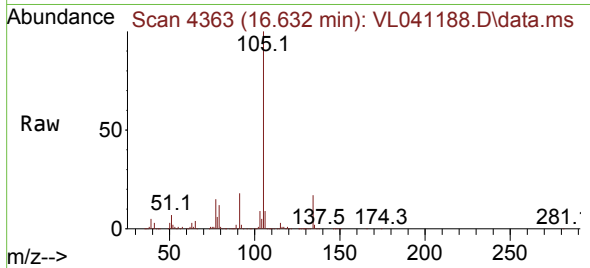




#67
 sec-Butylbenzene
 Concen: 7.311 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

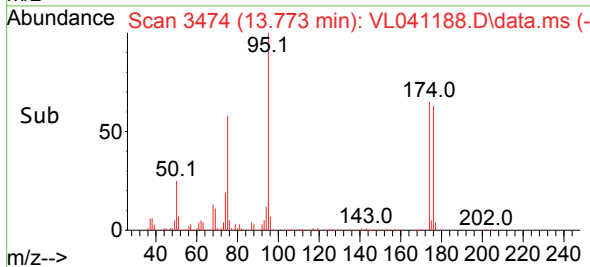
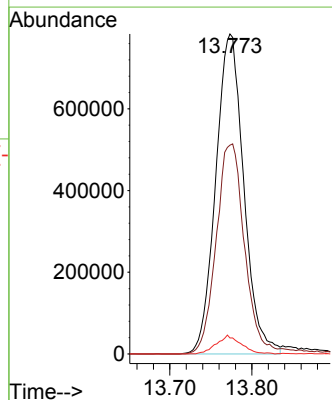
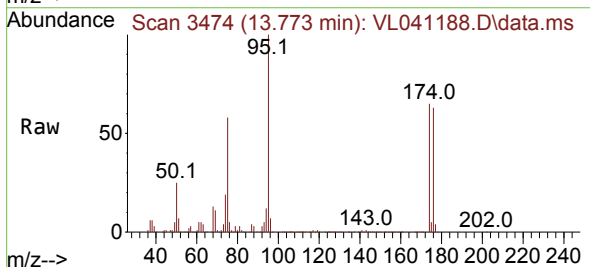
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

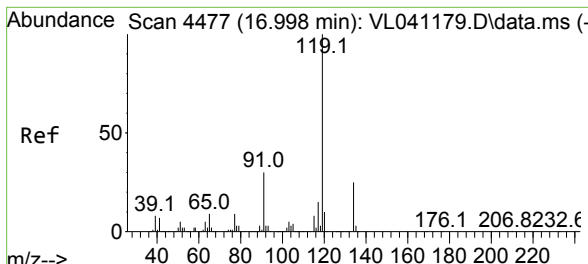
Tgt Ion:105 Resp: 4517632
 Ion Ratio Lower Upper
 105 100
 134 17.5 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.136 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 95 Resp: 1863095
 Ion Ratio Lower Upper
 95 100
 174 68.2 53.6 80.4
 175 5.3 4.2 6.4



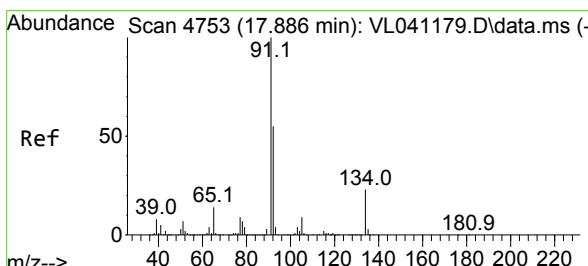
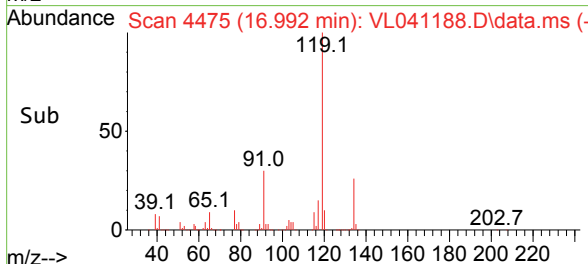
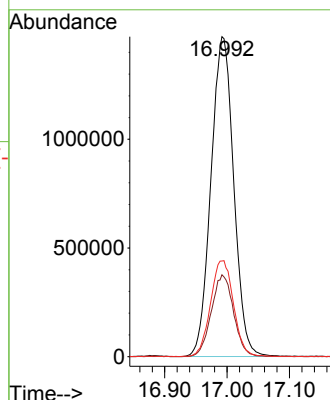
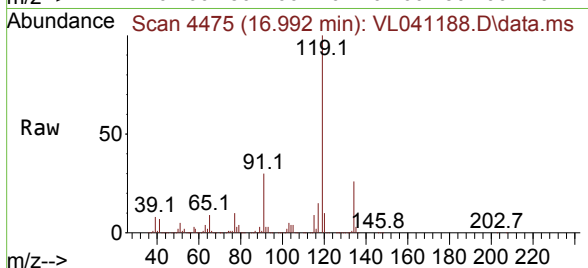


#69
 p-Isopropyltoluene
 Concen: 7.322 ppbv
 RT: 16.992 min Scan# 4475
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:119 Resp: 3728768

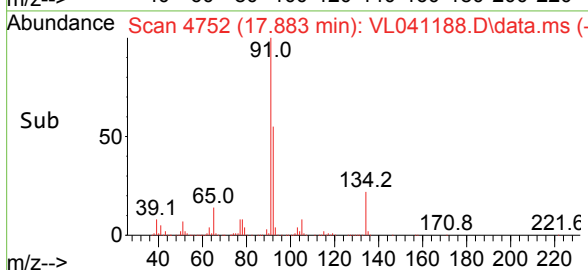
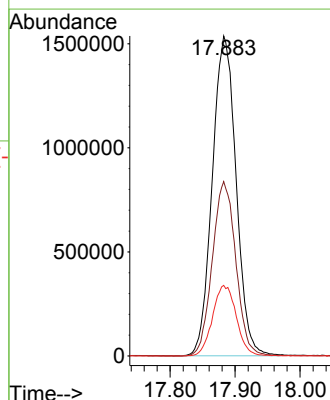
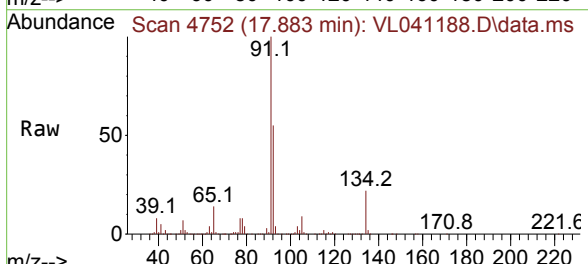
Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.1	30.1
91	30.3	24.2	36.2

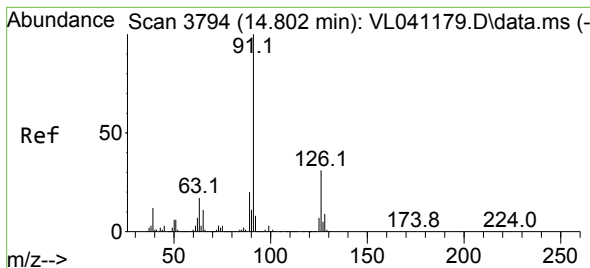


#70
 n-Butylbenzene
 Concen: 7.348 ppbv
 RT: 17.883 min Scan# 4752
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 91 Resp: 3907816

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.3	64.9
134	22.2	17.8	26.8

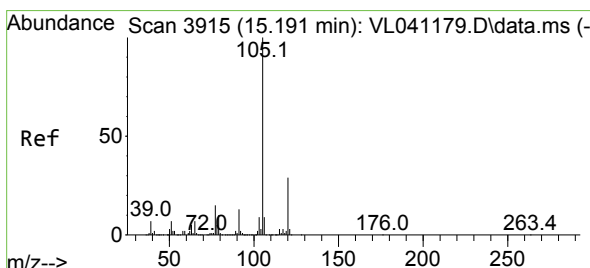
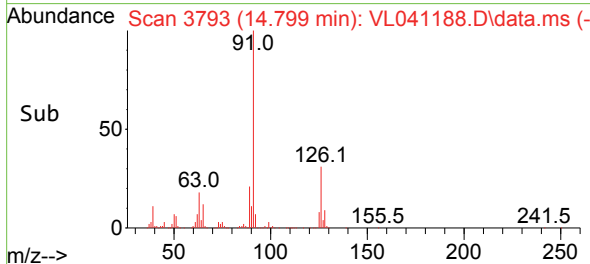
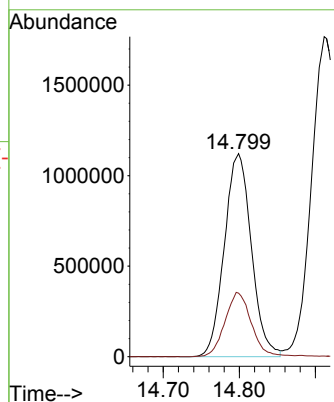
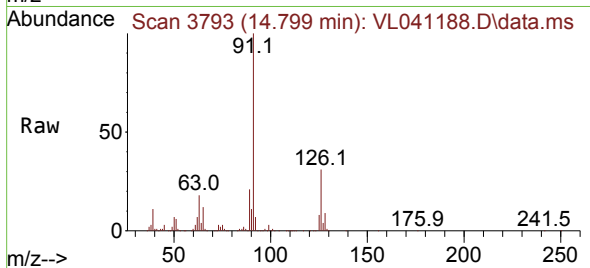




#71
2-Chlorotoluene
Concen: 7.420 ppbv
RT: 14.799 min Scan# 3794
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

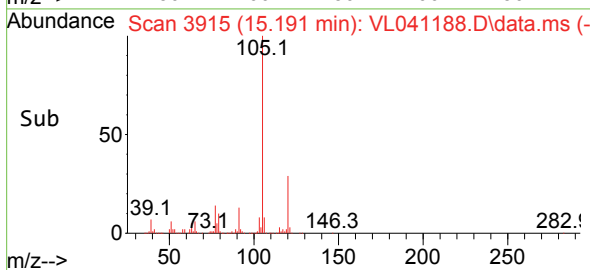
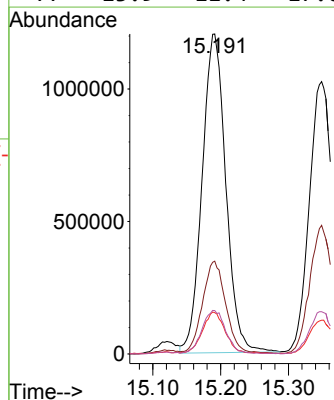
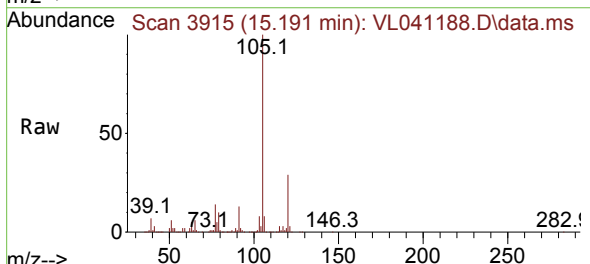
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

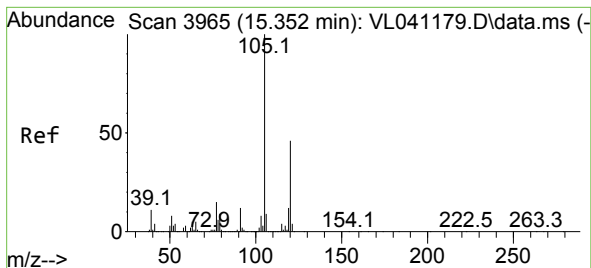
Tgt Ion: 91 Resp: 2769095
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8



#72
4-Ethyltoluene
Concen: 7.882 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 105 Resp: 2925534
Ion Ratio Lower Upper
105 100
120 29.1 24.7 37.1
91 13.5 10.3 15.5
77 13.9 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 7.427 ppbv

RT: 15.349 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

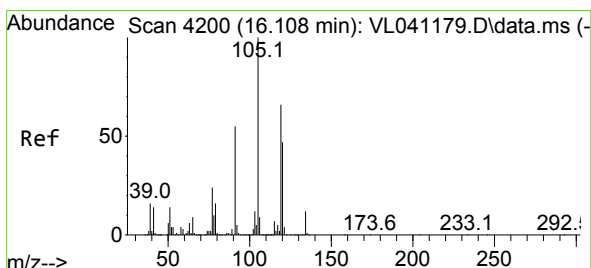
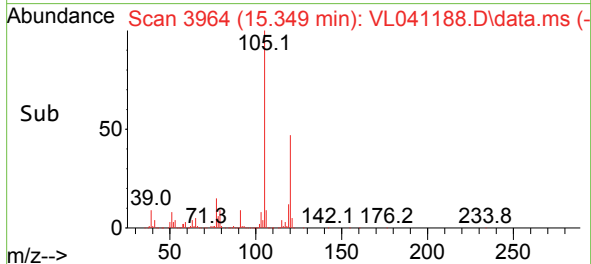
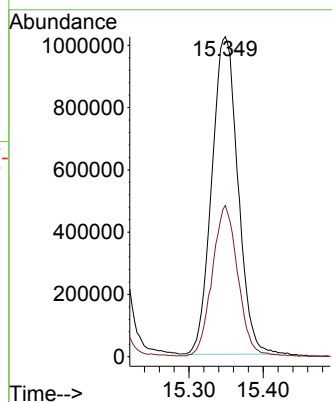
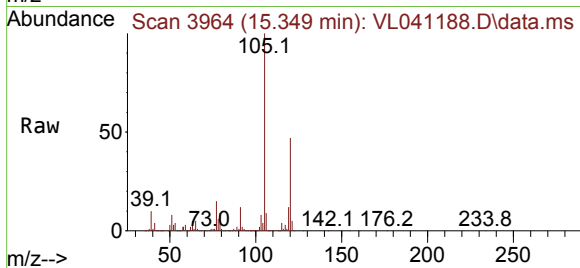
VSTDCCC010

Tgt Ion:105 Resp: 2494223

Ion Ratio Lower Upper

105 100

120 47.3 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 7.435 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Tgt Ion:105 Resp: 2726930

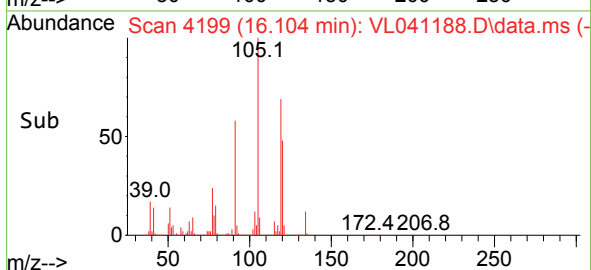
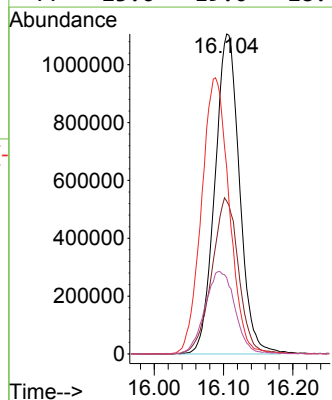
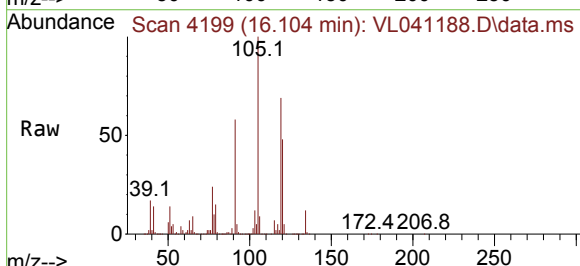
Ion Ratio Lower Upper

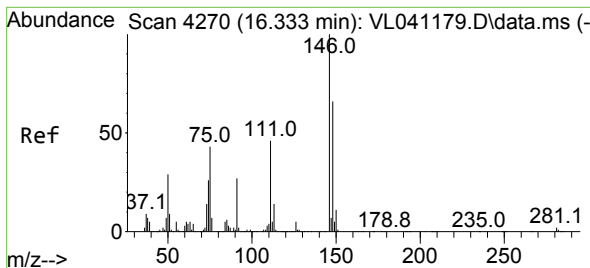
105 100

120 47.5 37.8 56.6

91 57.7 44.3 66.5

77 23.6 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 7.750 ppbv

RT: 16.329 min Scan# 4269

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

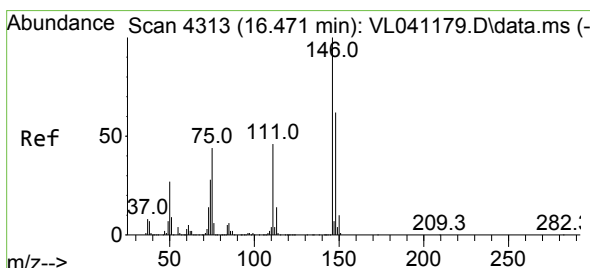
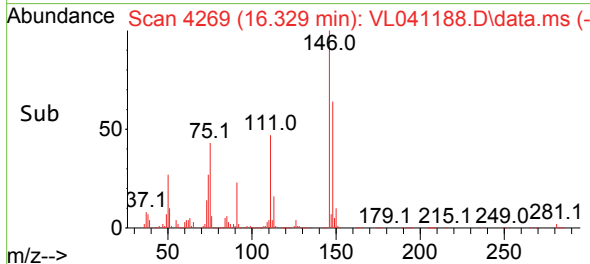
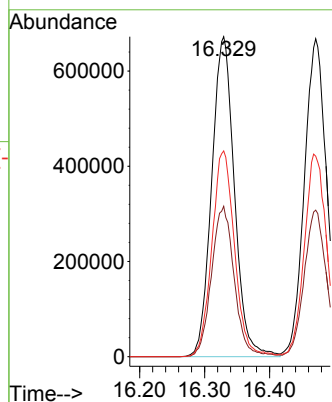
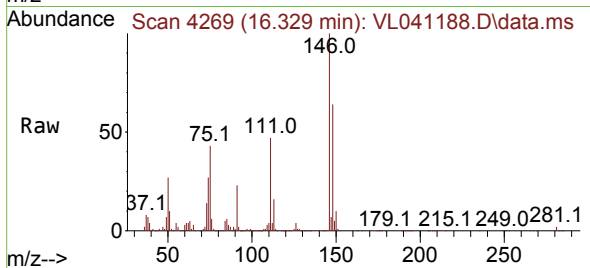
Tgt Ion:146 Resp: 1629857

Ion Ratio Lower Upper

146 100

111 47.1 23.7 71.1

148 64.2 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 7.865 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

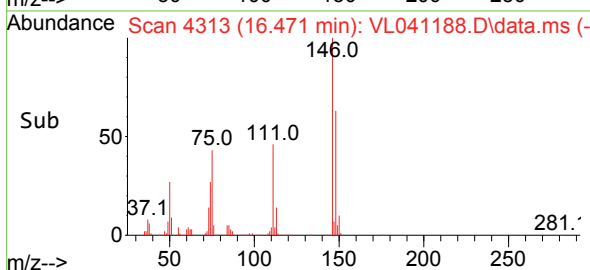
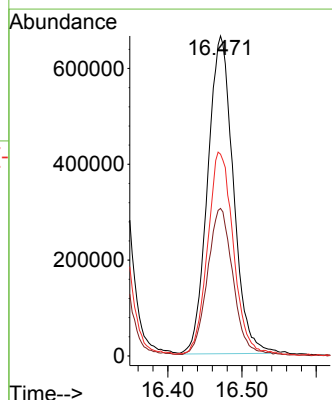
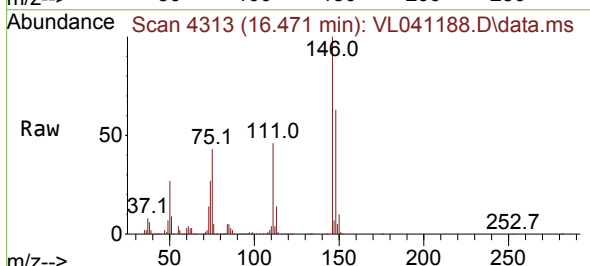
Tgt Ion:146 Resp: 1590703

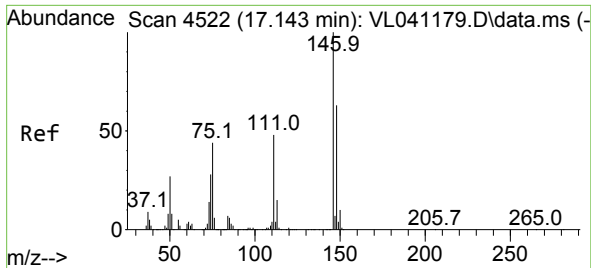
Ion Ratio Lower Upper

146 100

111 46.9 23.3 69.8

148 65.7 32.6 97.7

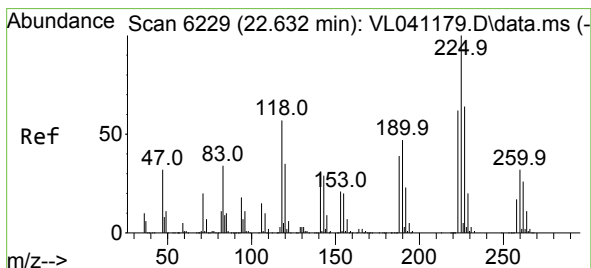
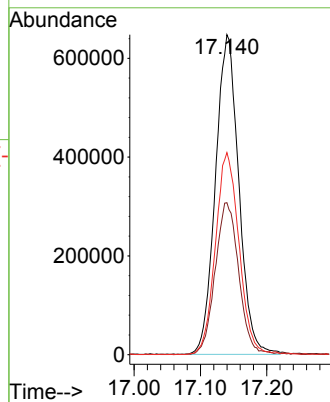
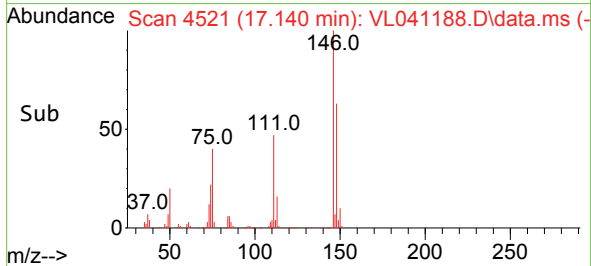
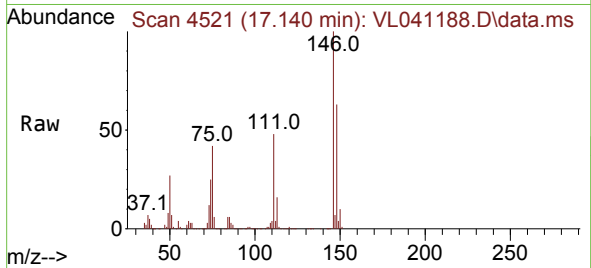




#77
1,2-Dichlorobenzene
Concen: 7.528 ppbv
RT: 17.140 min Scan# 4522
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

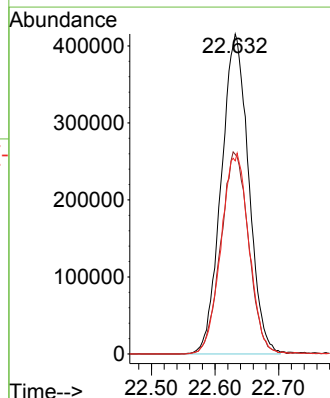
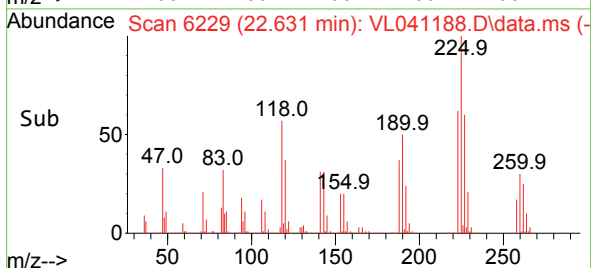
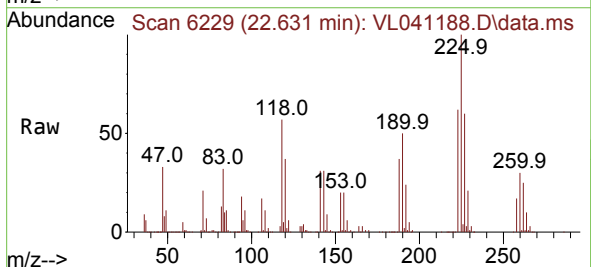
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

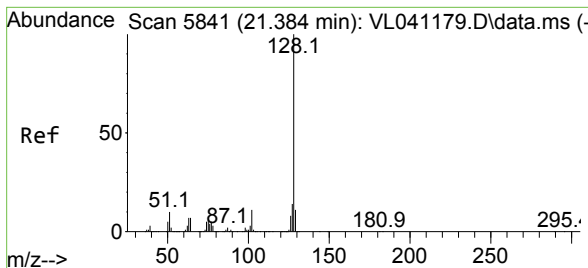
Tgt Ion:146 Resp: 1582443
Ion Ratio Lower Upper
146 100
111 48.2 24.5 73.5
148 63.9 32.6 98.0



#78
Hexachloro-1,3-Butadiene
Concen: 6.637 ppbv
RT: 22.631 min Scan# 6229
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion:225 Resp: 1240007
Ion Ratio Lower Upper
225 100
223 64.4 50.9 76.3
227 64.4 52.0 78.0

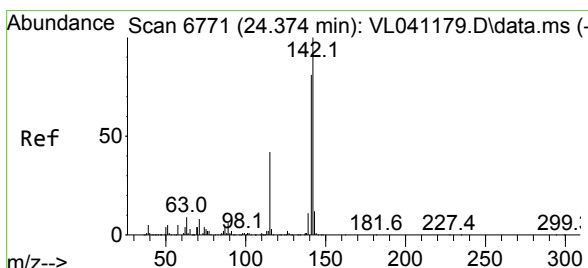
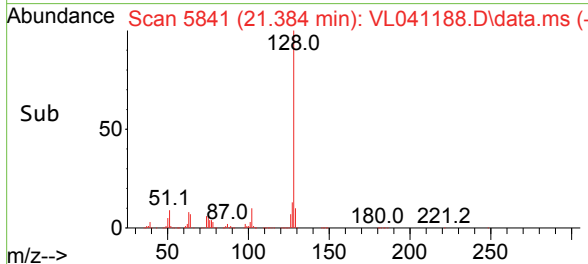
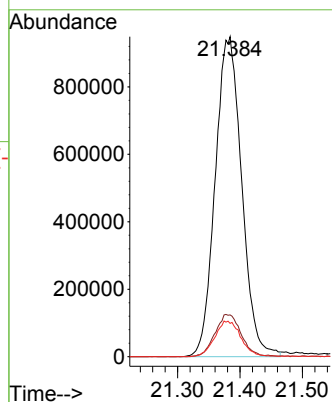
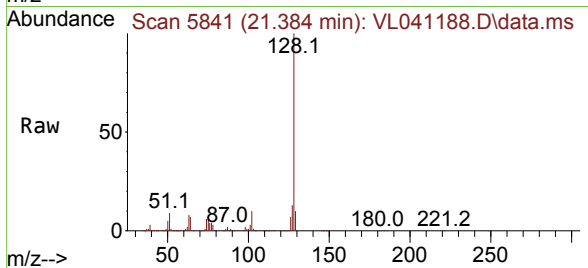




#79
Naphthalene
Concen: 8.016 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

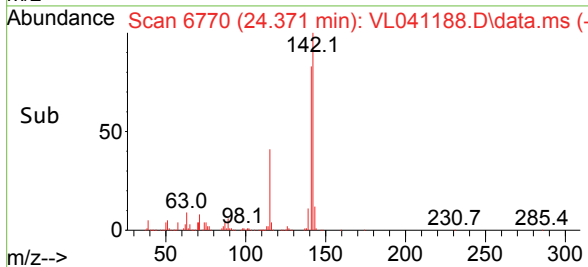
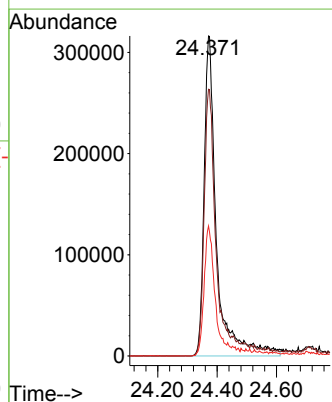
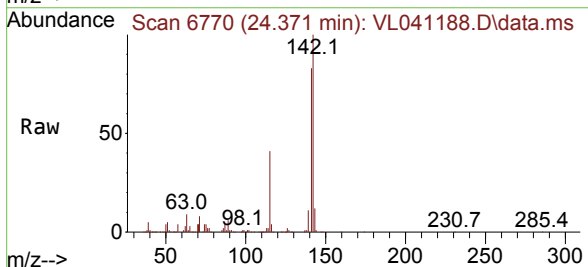
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

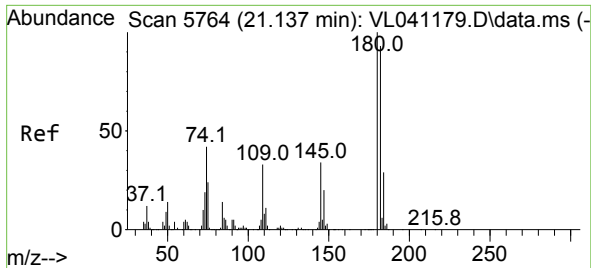
Tgt Ion:128 Resp: 2799619
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.4 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 6.550 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion:142 Resp: 920333
Ion Ratio Lower Upper
142 100
141 82.7 67.9 101.9
115 37.0 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 7.479 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 1379214

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.2	115.8
184	31.1	24.6	36.8

