

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041259.D
 Acq On : 21 May 2024 10:47
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: May 22 05:41:33 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 : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	898860	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2346389	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2296193	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1788904	10.320	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	1172823	9.646	ppbv	98
3) Chlorodifluoromethane	2.694	51	1510117	11.062	ppbv	99
4) Chloromethane	2.832	50	589052	10.996	ppbv	97
5) Vinyl Chloride	2.938	62	583674	10.846	ppbv	99
6) Bromomethane	3.134	94	213562	10.877	ppbv	98
7) Chloroethane	3.211	64	203895	10.731	ppbv	96
8) Dichlorotetrafluoroethane	2.874	85	1403647	11.154	ppbv	99
9) Propene	2.713	41	561020	10.501	ppbv	98
10) Heptane	7.584	43	1341154	10.361	ppbv	98
11) Trichlorofluoromethane	3.575	101	1428287	11.559	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.076	101	1053562	11.530	ppbv	97
13) Ethanol	3.253	45	65311	5.453	ppbv #	38
14) Bromoethene	3.382	108	419339	11.120	ppbv	100
15) Acetone	3.481	43	1106476	10.430	ppbv	98
16) 1,3-Butadiene	3.002	39	595898	11.128	ppbv	99
17) tert-Butyl alcohol	3.886	59	1125479	9.835	ppbv	99
18) 1,1-Dichloroethene	3.890	96	454697	11.160	ppbv	99
19) Isopropyl Alcohol	3.587	45	800013	11.493	ppbv #	43
20) Methylene Chloride	3.944	84	419630	11.375	ppbv	96
21) Allyl Chloride	4.009	41	743482	10.749	ppbv	96
22) trans-1,2-Dichloroethene	4.452	96	488444	11.528	ppbv	97
23) Vinyl Acetate	4.636	43	1295019	11.086	ppbv	100
24) 1,1-Dichloroethane	4.574	63	1032902	11.372	ppbv	99
25) Ethyl Acetate	5.211	43	2253497	10.643	ppbv	100
26) Hexane	5.221	57	989044	10.467	ppbv	99
27) Carbon Disulfide	4.134	76	1253560	11.207	ppbv	97
28) Methyl tert-Butyl Ether	4.594	73	780538	10.374	ppbv	100
29) Chloroform	5.282	83	1498782	11.498	ppbv	99
30) Cyclohexane	6.607	84	828217	11.073	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	989541	11.186	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1515817	11.654	ppbv	99
34) 2-Butanone	4.793	43	1202997	10.073	ppbv	97
35) Carbon Tetrachloride	6.497	117	1546450	11.744	ppbv	99
36) Benzene	6.375	78	2077600	10.551	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1209611	11.774	ppbv	99
38) Trichloroethene	7.291	130	774038	10.549	ppbv	96
39) 1,2-Dichloropropane	7.076	63	802945	10.581	ppbv	99
40) 1,4-Dioxane	7.288	88	316712	11.682	ppbv #	1
41) Tetrahydrofuran	5.558	42	858940	9.935	ppbv	97
42) Bromodichloromethane	7.253	83	1714644	11.637	ppbv	98
43) Methyl Methacrylate	7.478	69	839937	10.547	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	3472268	10.227	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	685352	11.876	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041259.D
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

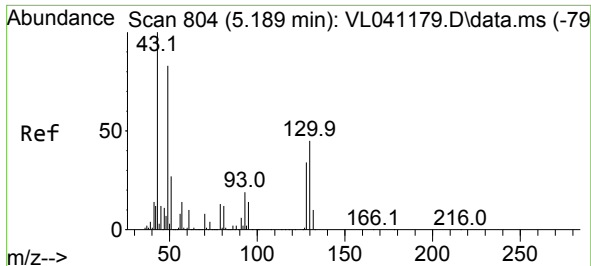
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	815992	11.549	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	844913	11.124	ppbv	99
48) Dibromochloromethane	9.709	129	1443378	11.927	ppbv	99
49) Bromoform	12.404	173	1216353	11.815	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2196819	10.250	ppbv	100
51) 2-Hexanone	9.549	43	1602549	10.080	ppbv #	99
52) Tetrachloroethene	10.616	164	734338	10.611	ppbv	98
53) Toluene	9.221	91	2420432	10.601	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1204910	11.712	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.503	131	1049605	11.273	ppbv	100
57) Chlorobenzene	11.526	112	1811186	10.770	ppbv	97
58) Ethyl Benzene	12.085	91	3246161	10.310	ppbv	99
59) m/p-Xylene	12.365	91	964918	3.646	ppbv #	1
60) o-Xylene	13.056	91	2607171	10.511	ppbv	100
61) Styrene	12.892	104	1409983	10.760	ppbv	99
62) Isopropylbenzene	14.027	105	3855680	10.392	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1810145	10.706	ppbv	99
64) n-propylbenzene	14.912	120	1015406	10.970	ppbv	98
65) tert-Butylbenzene	16.089	119	3362836	10.120	ppbv	99
66) Benzyl Chloride	16.320	91	154467	4.106	ppbv #	65
67) sec-Butylbenzene	16.629	105	4819765	10.303	ppbv	99
69) p-Isopropyltoluene	16.989	119	3993159	10.358	ppbv	99
70) n-Butylbenzene	17.883	91	4193946	10.417	ppbv	100
71) 2-Chlorotoluene	14.796	91	2985702	10.569	ppbv	99
72) 4-Ethyltoluene	15.188	105	3053369	10.868	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2702099	10.629	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	2936870	10.578	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1750826	10.998	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	1723278	11.256	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1717108	10.790	ppbv	98
78) Hexachloro-1,3-Butadiene	22.628	225	1204036	8.513	ppbv	99
79) Naphthalene	21.378	128	2979251	11.269	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1003017	9.430	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1416946	10.150	ppbv	99

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

Quant Time: May 22 05:41:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 22 05:39:49 2024
Response via : Initial Calibration

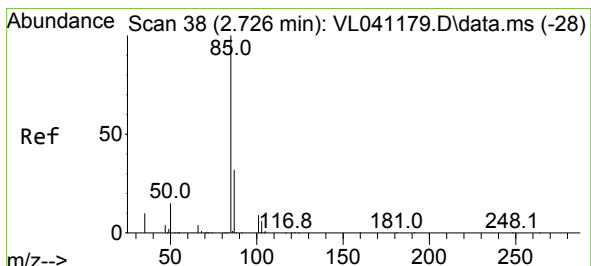
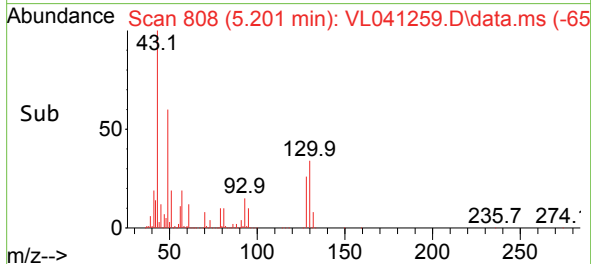
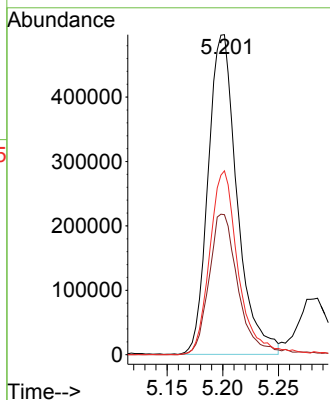
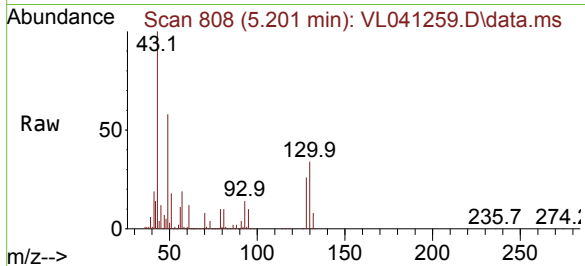




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

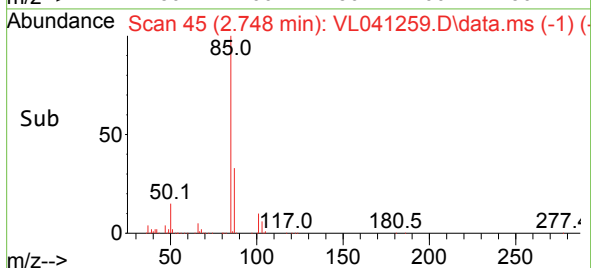
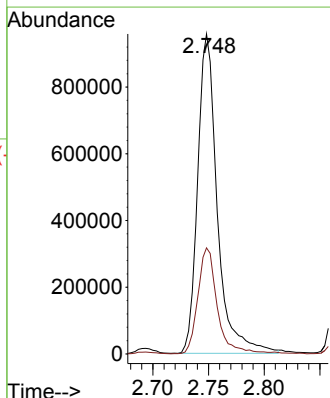
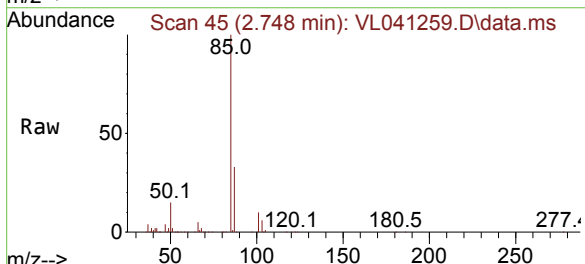
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

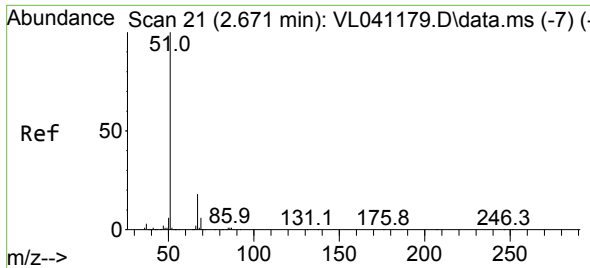
Tgt Ion: 49 Resp: 898860
Ion Ratio Lower Upper
49 100
128 45.2 21.5 64.5
130 57.7 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 9.646 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 85 Resp: 1172823
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5

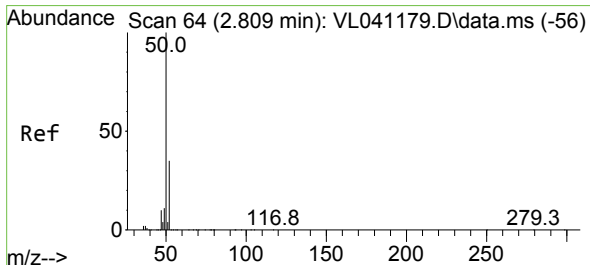
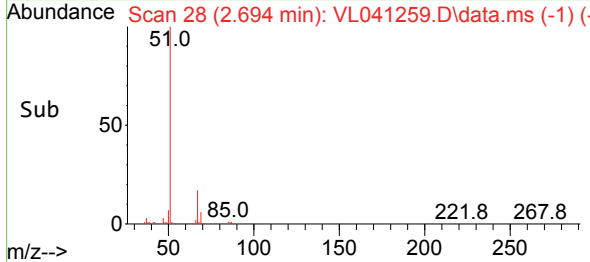
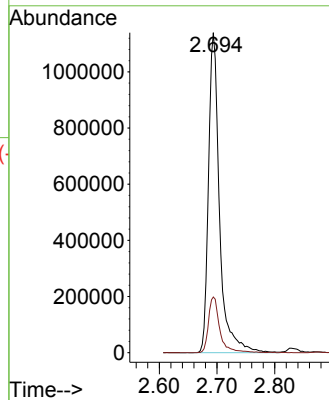
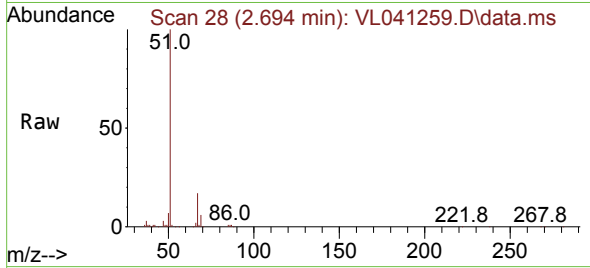




#3
Chlorodifluoromethane
Concen: 11.062 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

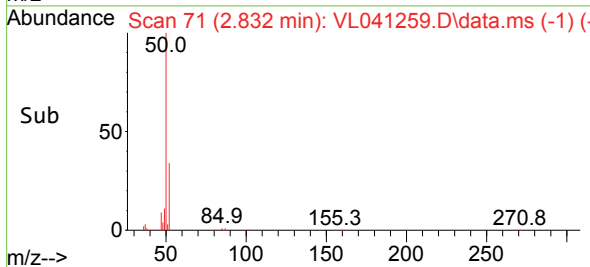
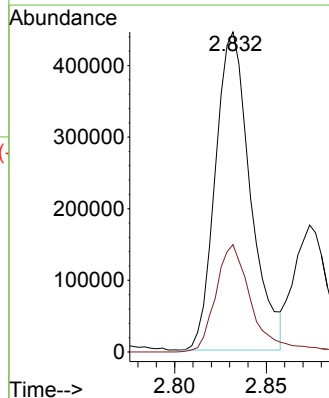
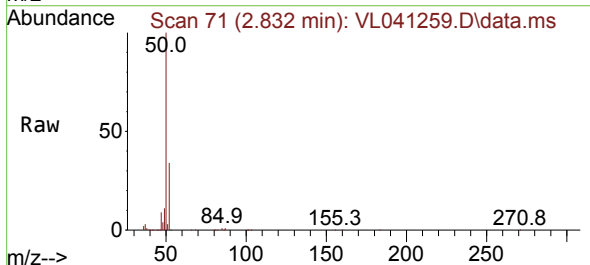
Instrument :
MSVOA_L
ClientSampleId :
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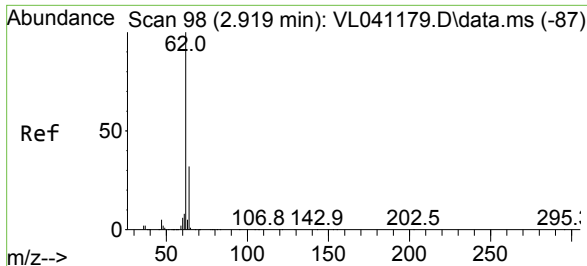
Tgt Ion: 51 Resp: 1510117
Ion Ratio Lower Upper
51 100
67 18.0 14.0 21.0



#4
Chloromethane
Concen: 10.996 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 50 Resp: 589052
Ion Ratio Lower Upper
50 100
52 33.7 28.3 42.5

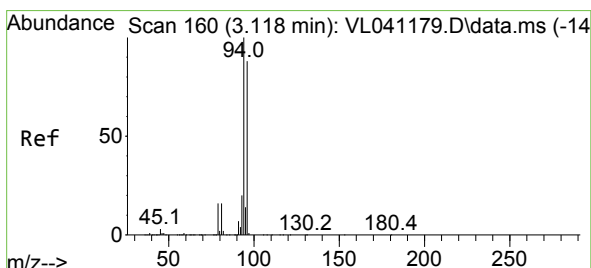
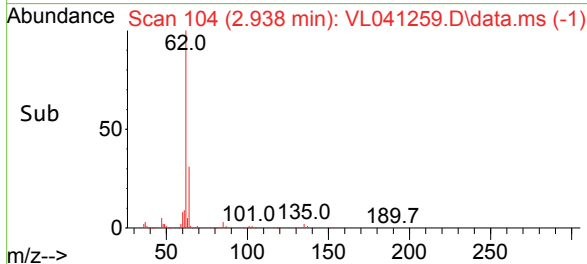
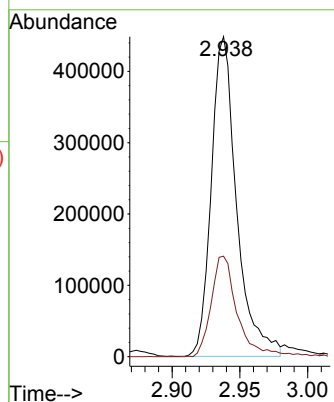
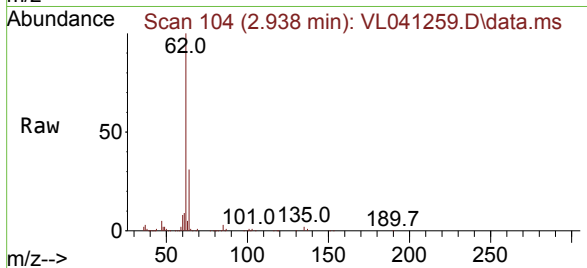




#5
 Vinyl Chloride
 Concen: 10.846 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

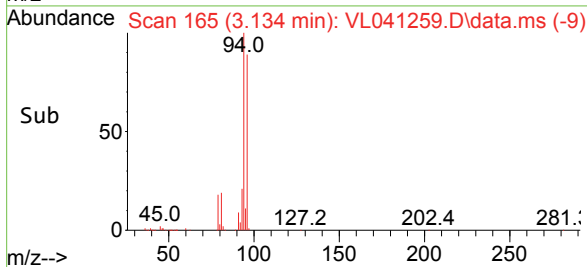
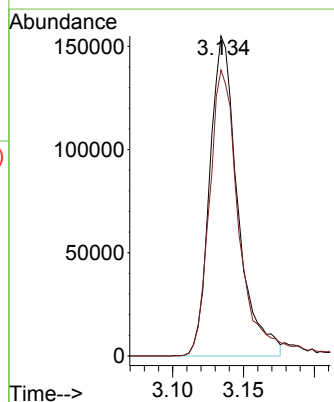
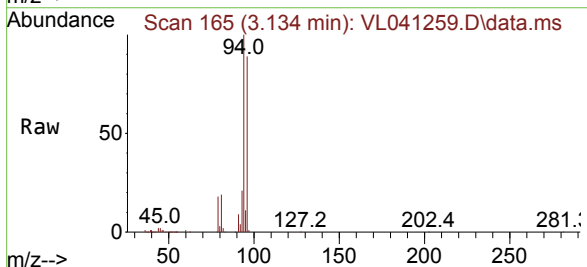
Instrument :
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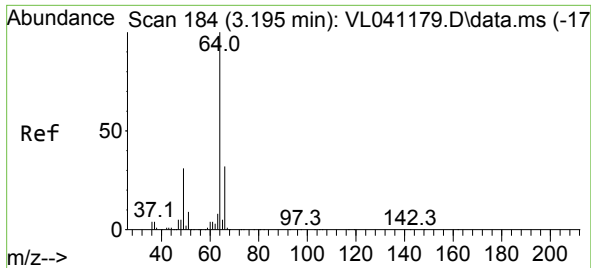
Tgt Ion: 62 Resp: 583674
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.7 38.5



#6
 Bromomethane
 Concen: 10.877 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 94 Resp: 213562
 Ion Ratio Lower Upper
 94 100
 96 89.2 70.1 105.1

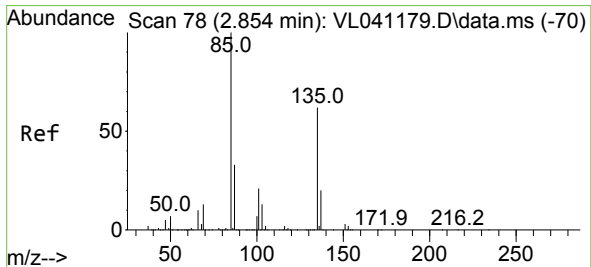
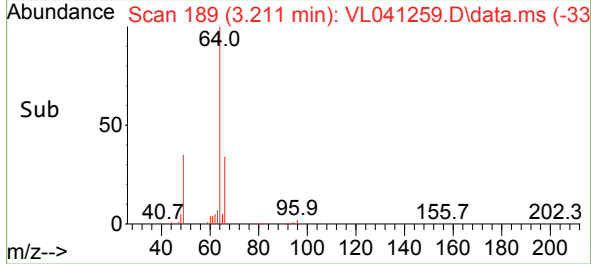
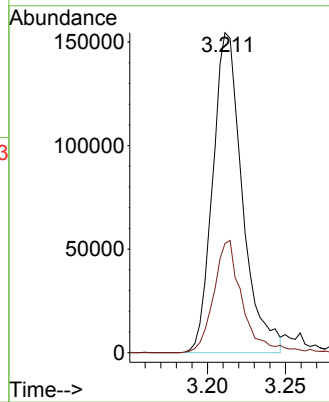
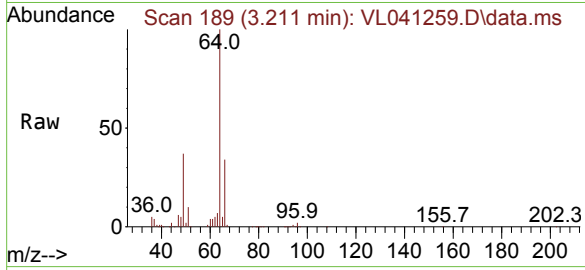




#7
Chloroethane
Concen: 10.731 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

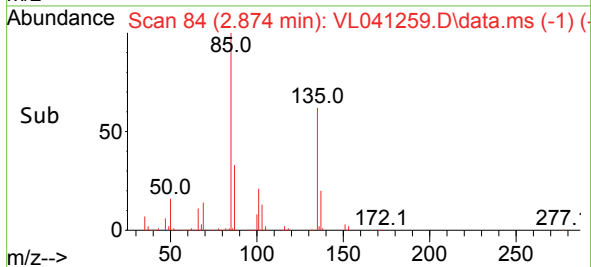
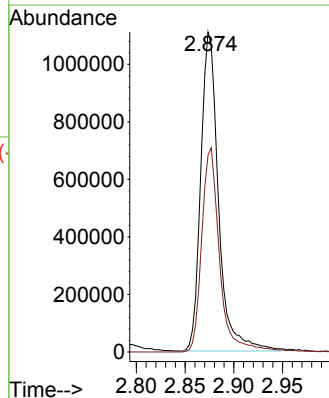
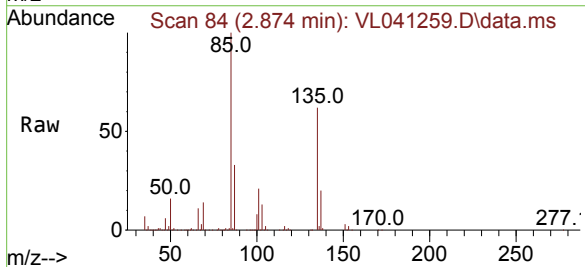
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ClientSampleId :
VSTDCCC010

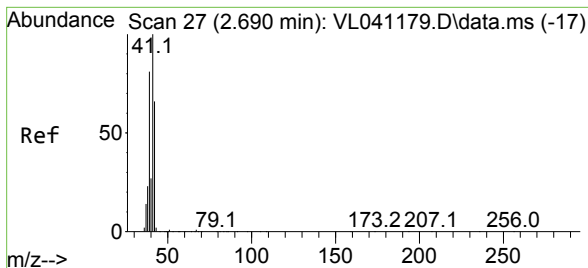
Tgt Ion: 64 Resp: 203895
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 11.154 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 85 Resp: 1403647
Ion Ratio Lower Upper
85 100
135 65.1 51.5 77.3





#9

Propene

Concen: 10.501 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

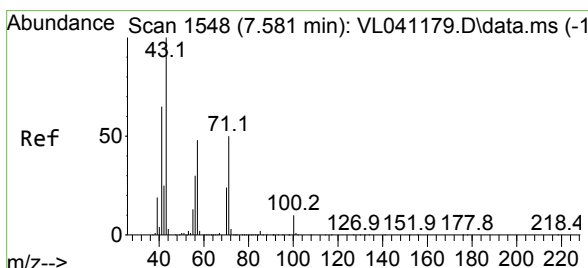
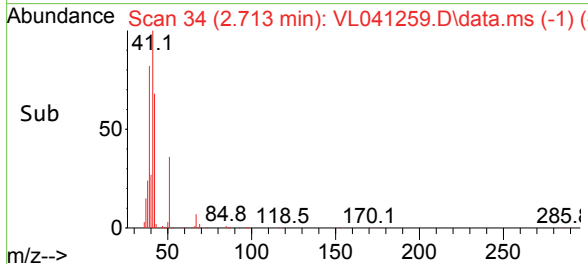
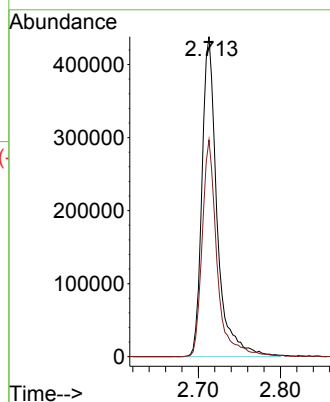
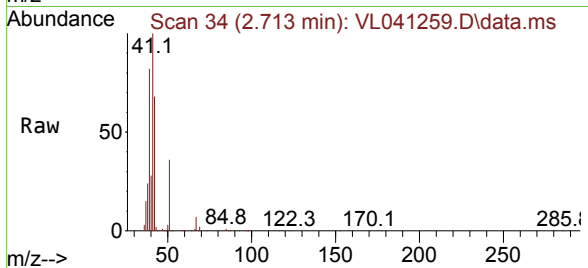
VSTDCCC010

Tgt Ion: 41 Resp: 561020

Ion Ratio Lower Upper

41 100

42 67.1 55.3 82.9



#10

Heptane

Concen: 10.361 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VL041259.D

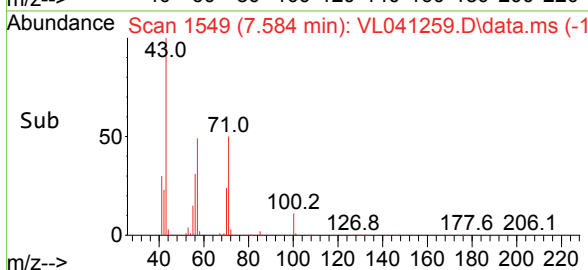
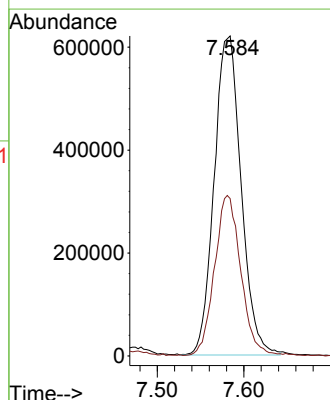
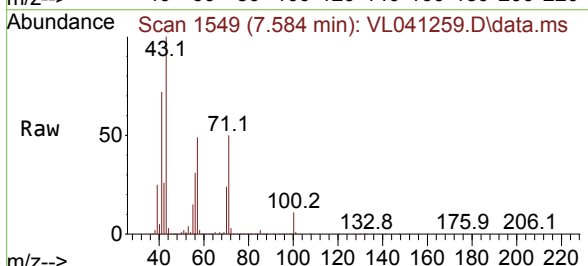
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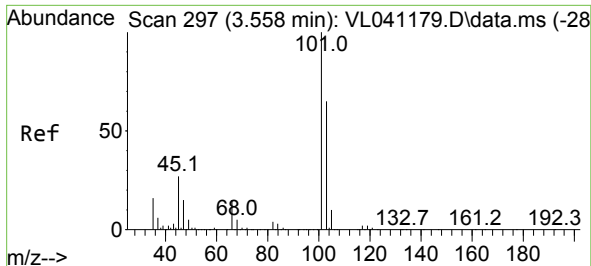
Tgt Ion: 43 Resp: 1341154

Ion Ratio Lower Upper

43 100

57 49.5 38.7 58.1

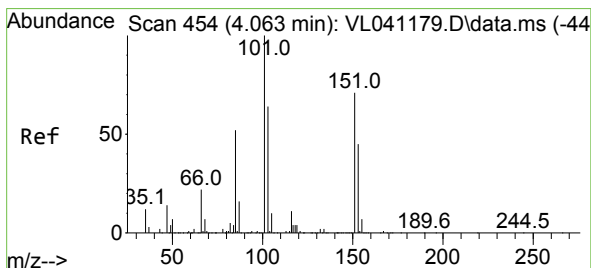
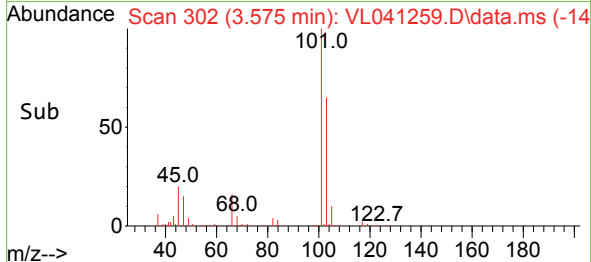
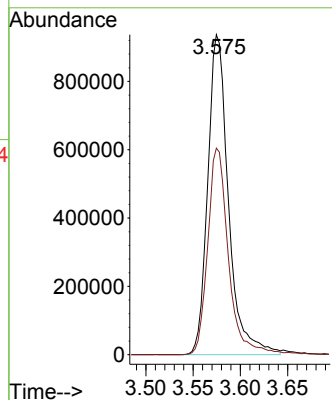
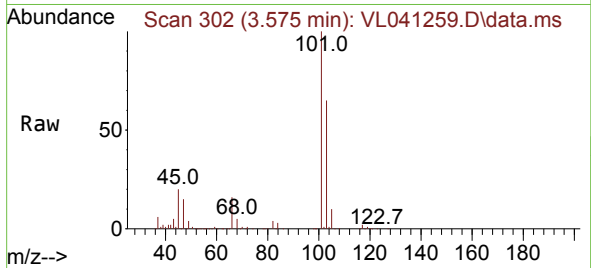




#11
 Trichlorofluoromethane
 Concen: 11.559 ppbv
 RT: 3.575 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

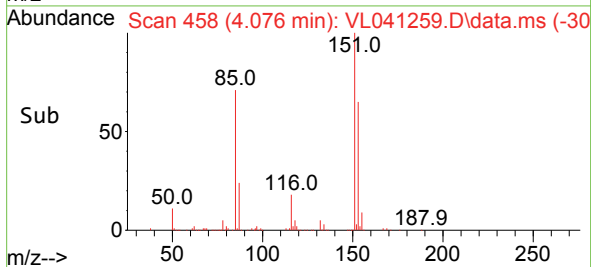
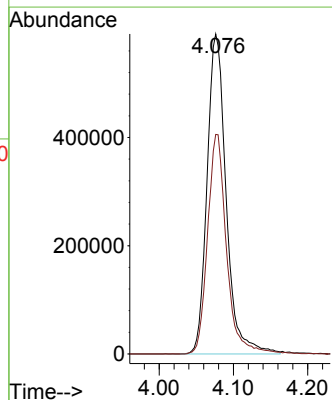
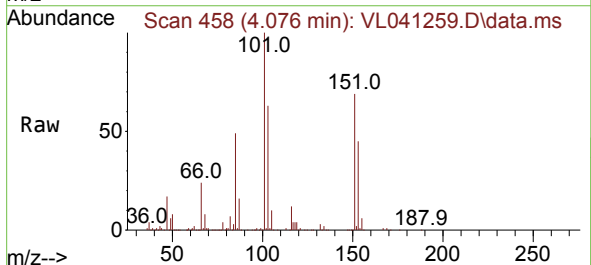
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

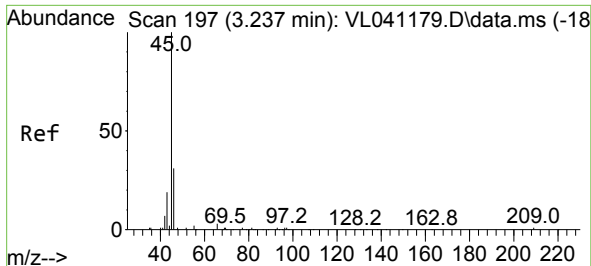
Tgt Ion:101 Resp: 1428287
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.530 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion:101 Resp: 1053562
 Ion Ratio Lower Upper
 101 100
 151 68.4 56.8 85.2

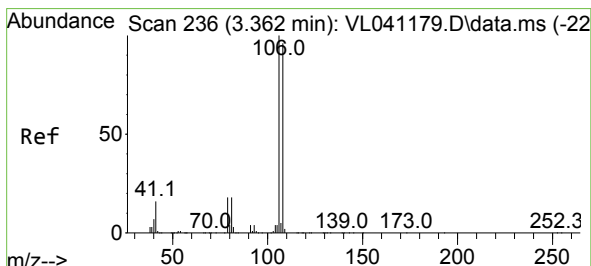
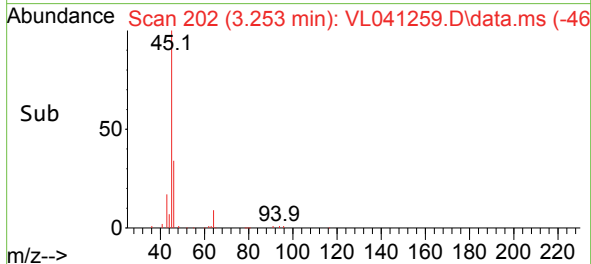
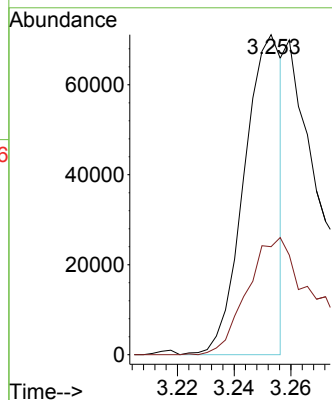
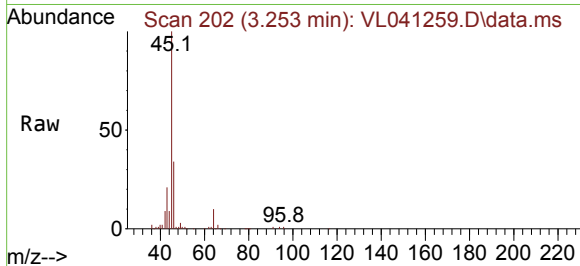




#13
Ethanol
Concen: 5.453 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

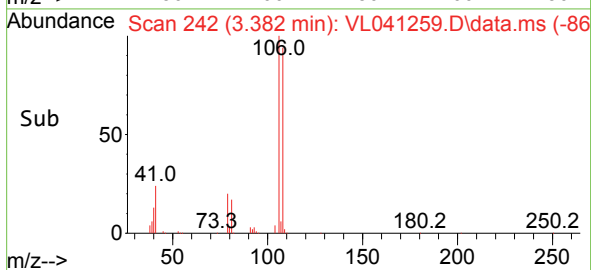
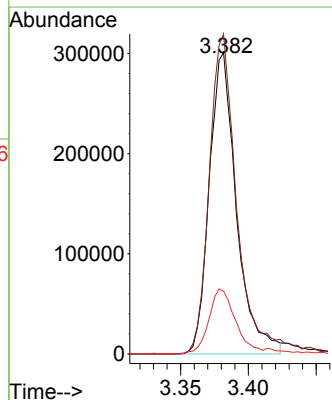
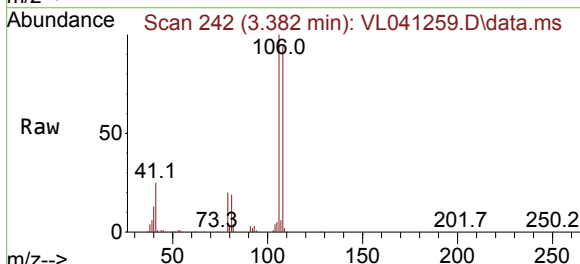
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

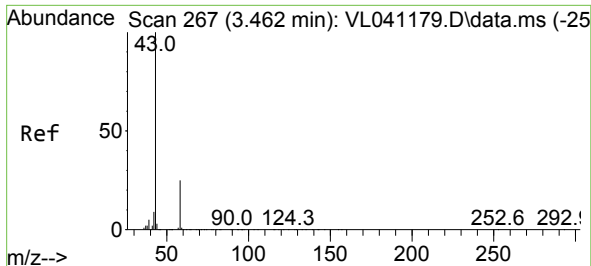
Tgt Ion: 45 Resp: 65311
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#



#14
Bromoethene
Concen: 11.120 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 108 Resp: 419339
Ion Ratio Lower Upper
108 100
106 110.3 88.2 132.4
79 22.6 17.4 26.0

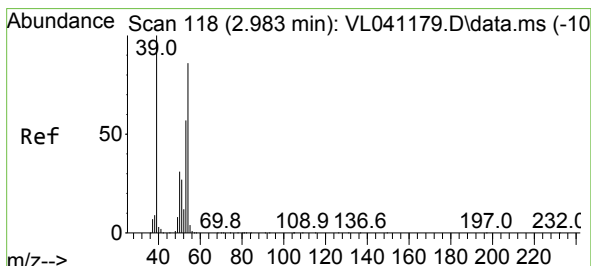
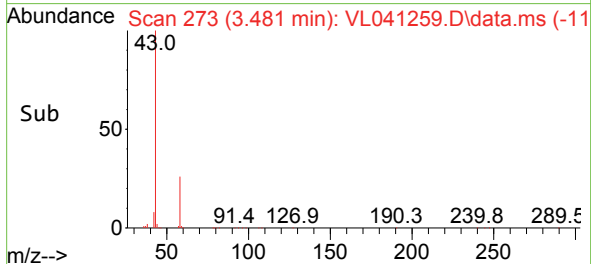
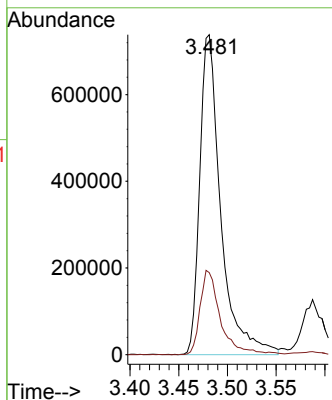
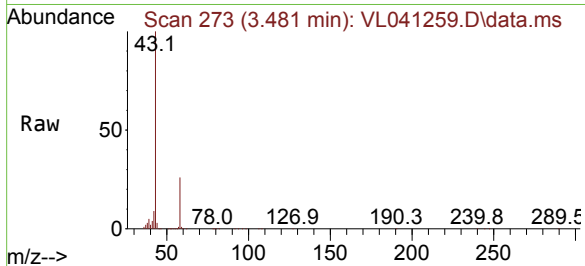




#15
Acetone
Concen: 10.430 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

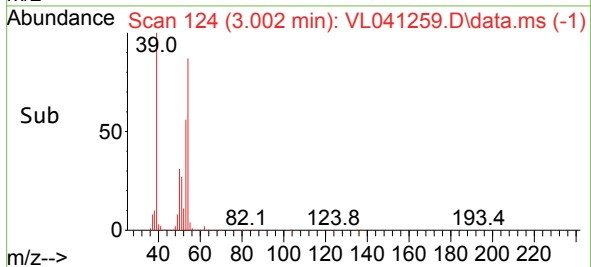
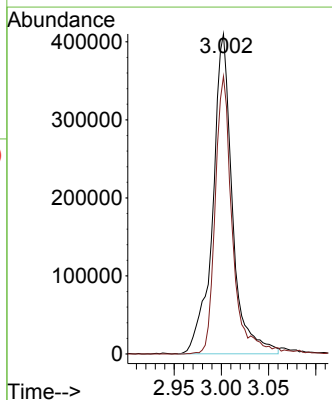
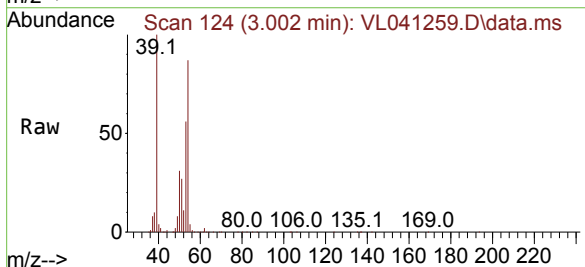
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

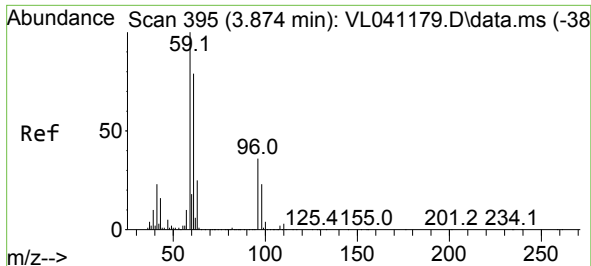
Tgt Ion: 43 Resp: 1106476
Ion Ratio Lower Upper
43 100
58 25.7 21.4 32.0



#16
1,3-Butadiene
Concen: 11.128 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 39 Resp: 595898
Ion Ratio Lower Upper
39 100
54 76.8 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.835 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

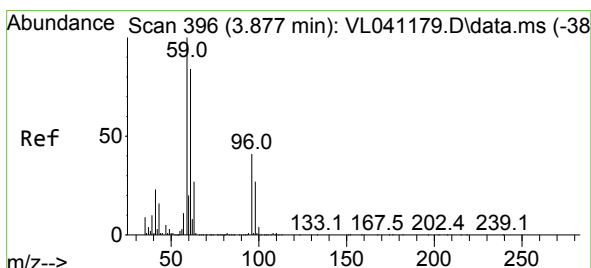
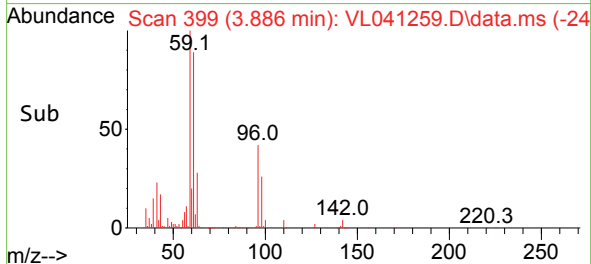
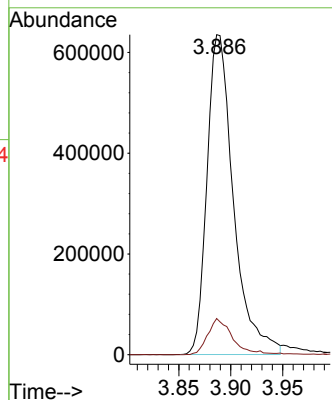
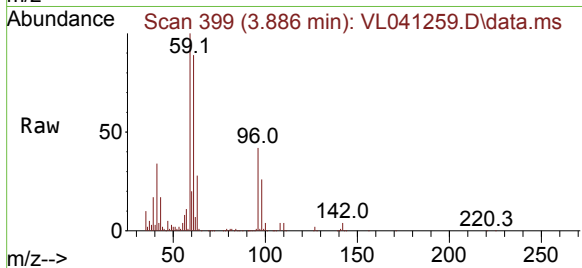
VSTDCCC010

Tgt Ion: 59 Resp: 1125479

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#18

1,1-Dichloroethene

Concen: 11.160 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

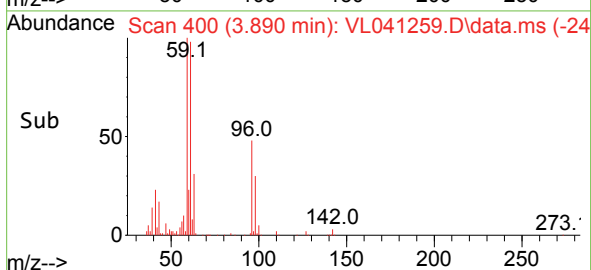
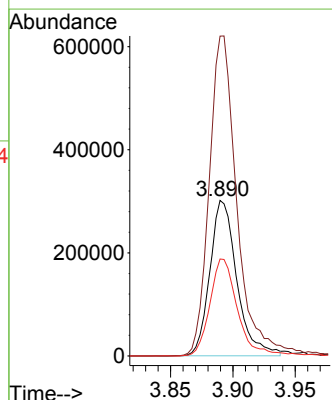
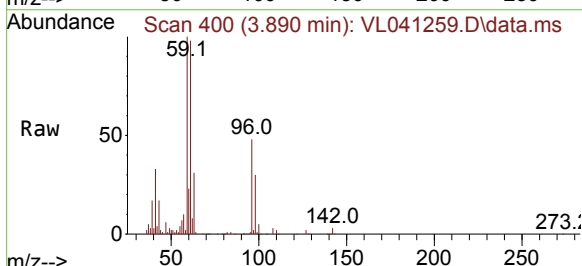
Tgt Ion: 96 Resp: 454697

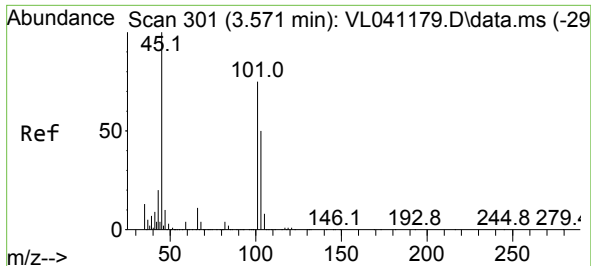
Ion Ratio Lower Upper

96 100

61 205.6 164.4 246.6

98 62.4 51.8 77.8

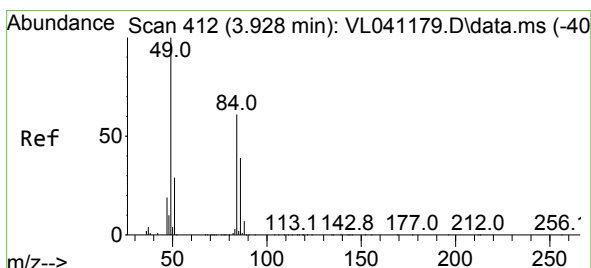
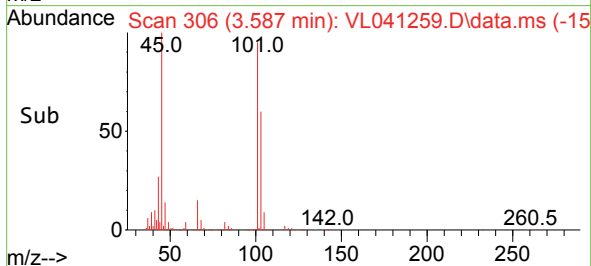
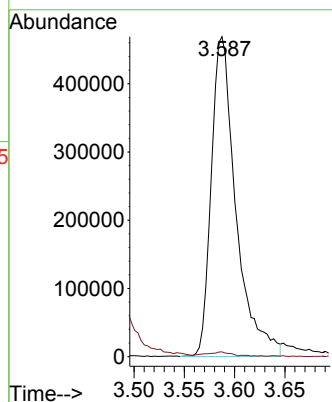
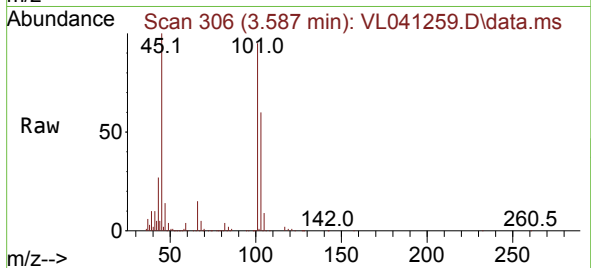




#19
Isopropyl Alcohol
Concen: 11.493 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

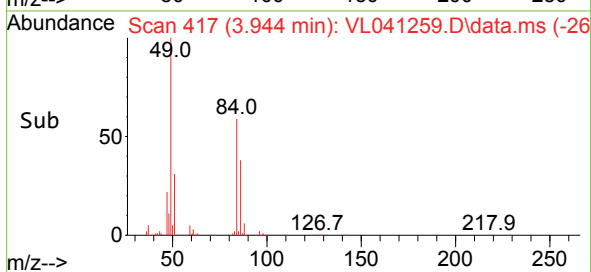
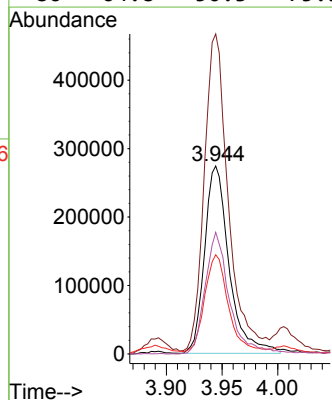
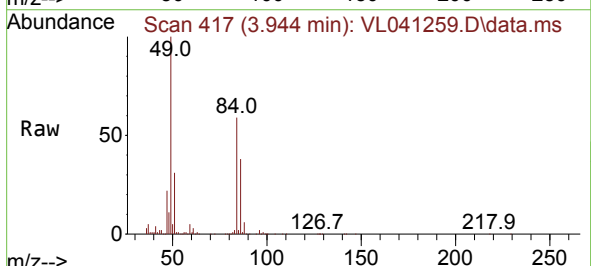
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

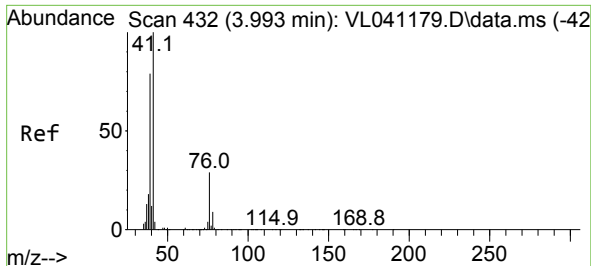
Tgt Ion: 45 Resp: 800013
Ion Ratio Lower Upper
45 100
58 1.3 26.8 40.2#



#20
Methylene Chloride
Concen: 11.375 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 84 Resp: 419630
Ion Ratio Lower Upper
84 100
49 169.3 130.4 195.6
51 51.6 38.0 57.0
86 64.8 50.3 75.5





#21

Allyl Chloride

Concen: 10.749 ppbv

RT: 4.009 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

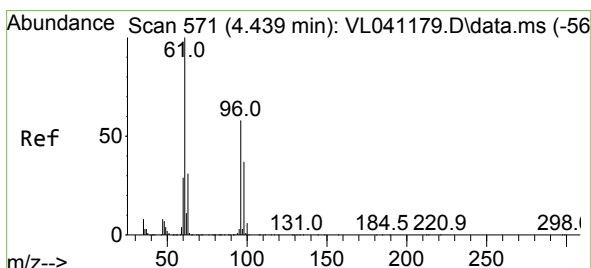
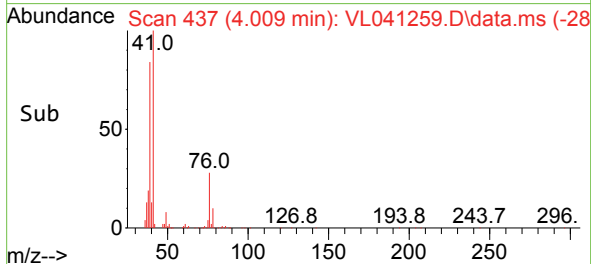
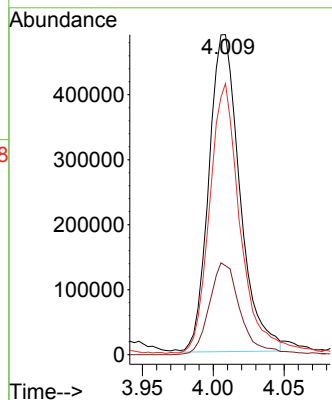
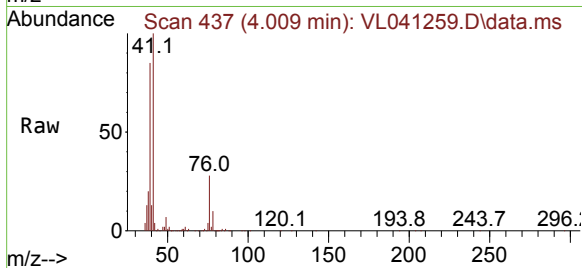
Tgt Ion: 41 Resp: 743482

Ion Ratio Lower Upper

41 100

76 29.4 23.7 35.5

39 85.5 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 11.528 ppbv

RT: 4.452 min Scan# 575

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

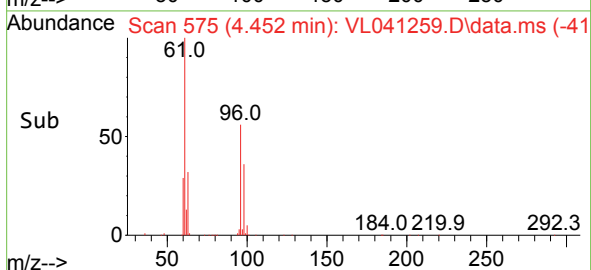
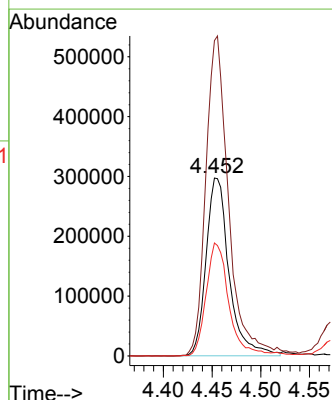
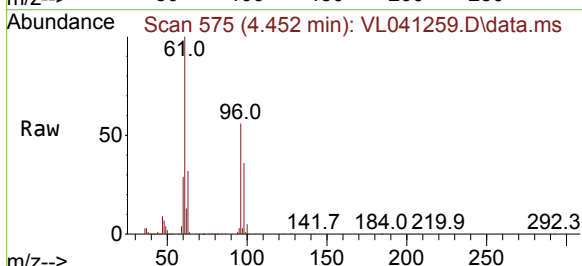
Tgt Ion: 96 Resp: 488444

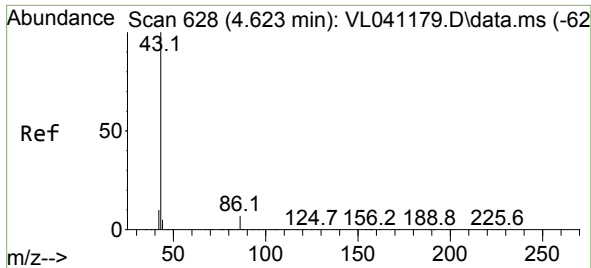
Ion Ratio Lower Upper

96 100

61 177.3 137.6 206.4

98 63.5 50.6 76.0



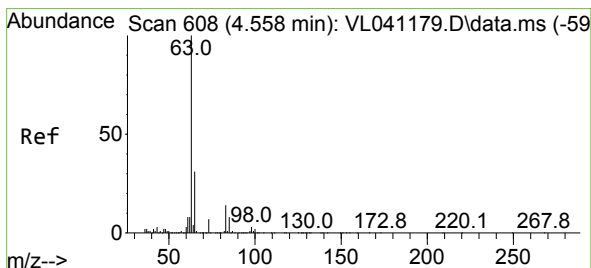
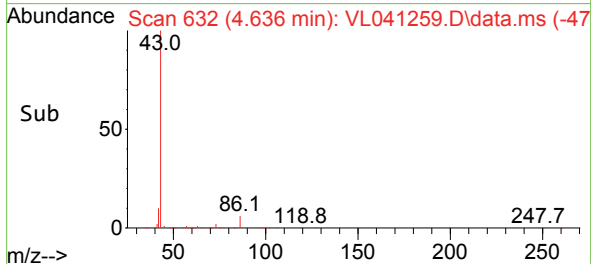
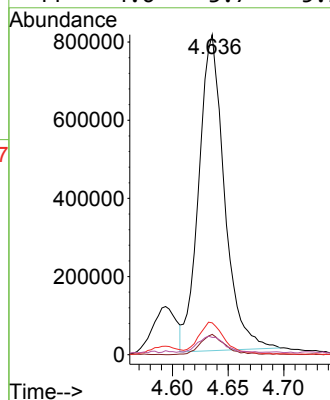
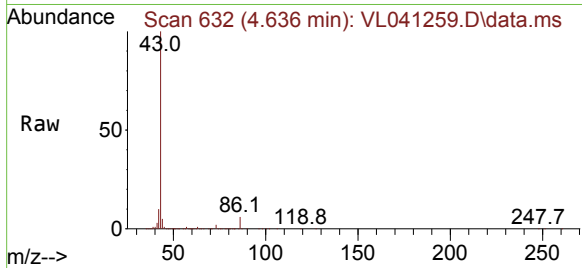


#23
 Vinyl Acetate
 Concen: 11.086 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1295019

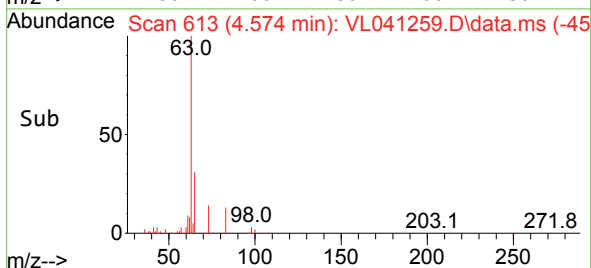
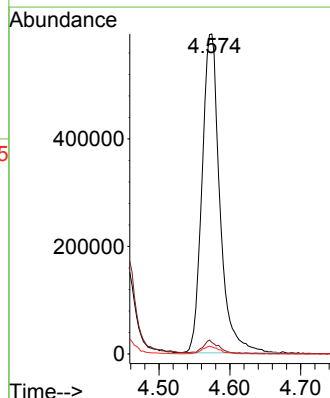
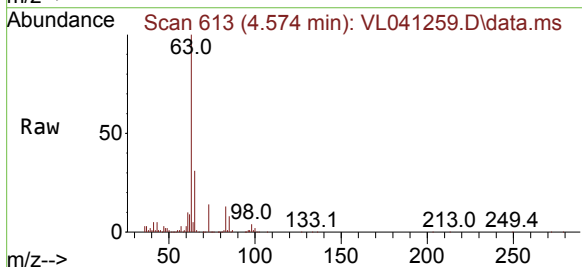
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.9	7.3
42	9.9	8.0	12.0
44	4.6	3.7	5.5

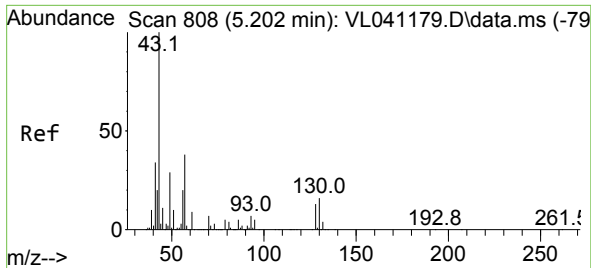


#24
 1,1-Dichloroethane
 Concen: 11.372 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 63 Resp: 1032902

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.6	4.8
100	2.2	1.1	3.5



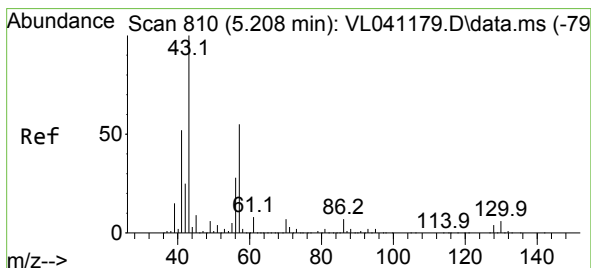
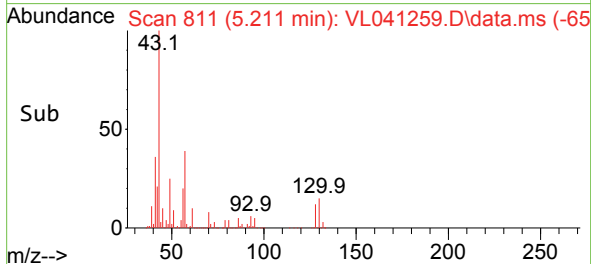
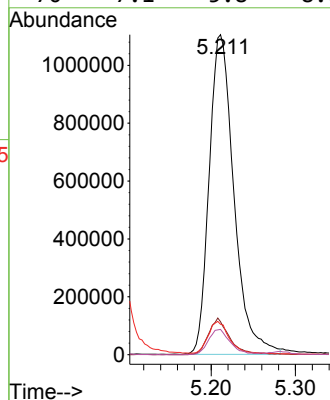
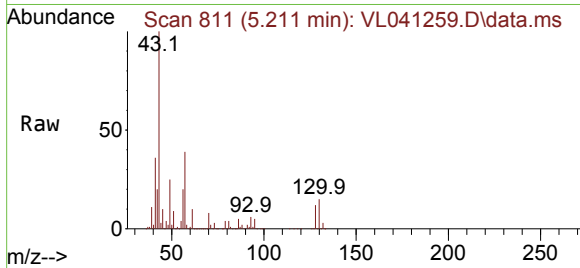


#25
Ethyl Acetate
Concen: 10.643 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2253497

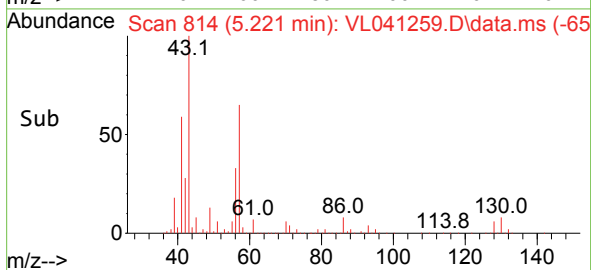
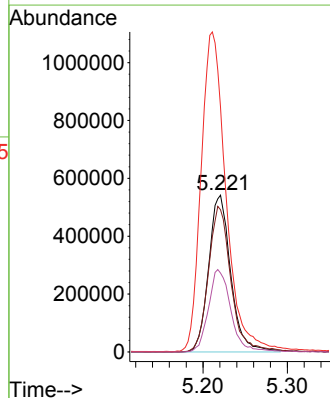
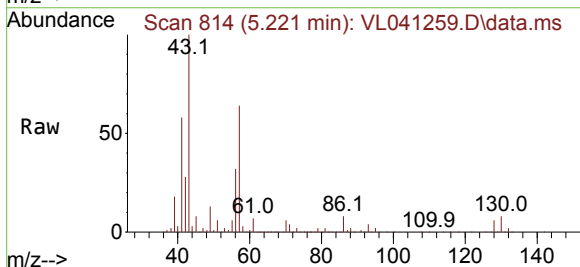
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.5	7.7	11.5
70	7.1	5.8	8.6

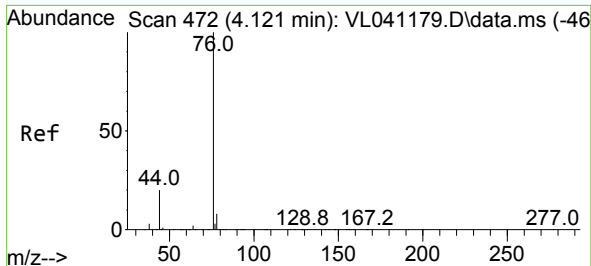


#26
Hexane
Concen: 10.467 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 57 Resp: 989044

Ion	Ratio	Lower	Upper
57	100		
41	95.6	75.8	113.8
43	231.5	187.0	280.4
56	53.7	42.7	64.1



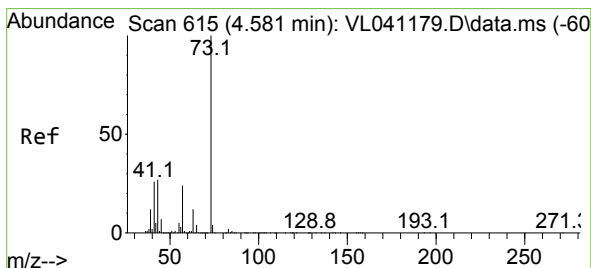
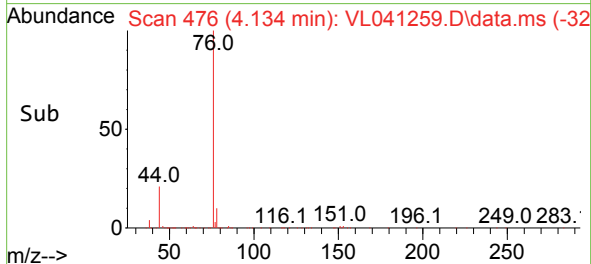
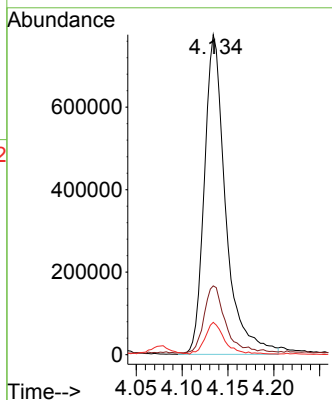
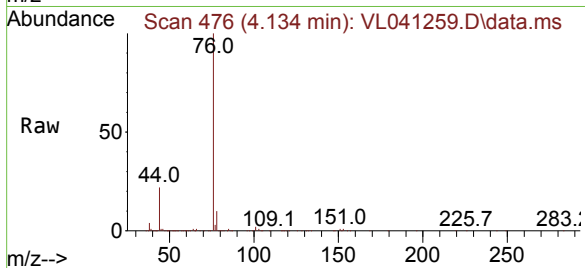


#27
Carbon Disulfide
Concen: 11.207 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1253560

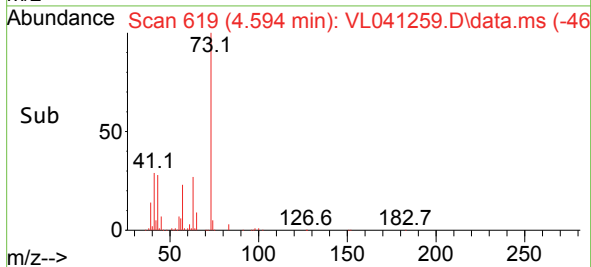
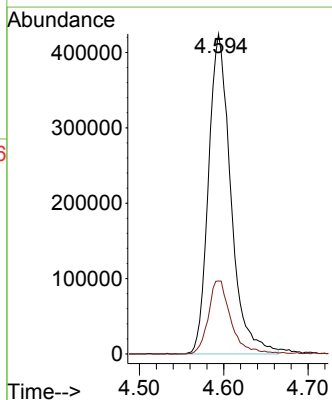
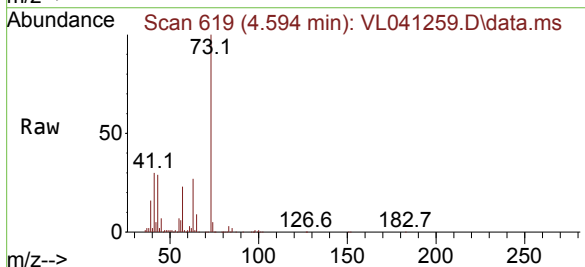
Ion	Ratio	Lower	Upper
76	100		
44	22.0	16.3	24.5
78	9.5	7.3	10.9

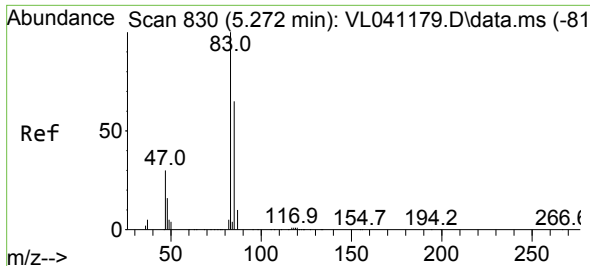


#28
Methyl tert-Butyl Ether
Concen: 10.374 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 73 Resp: 780538

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.8	28.2





#29

Chloroform

Concen: 11.498 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

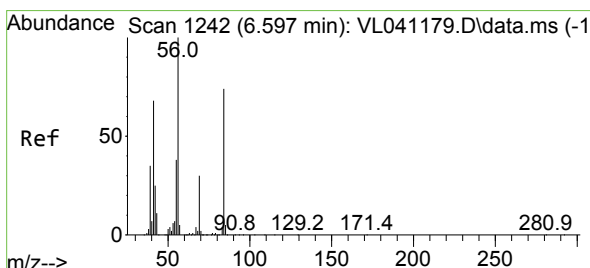
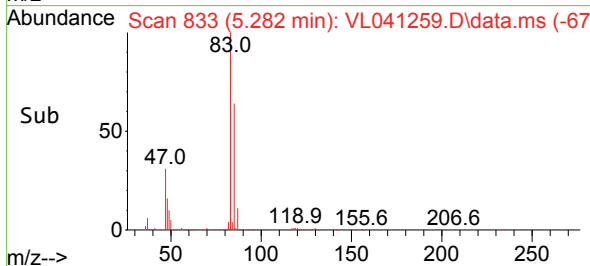
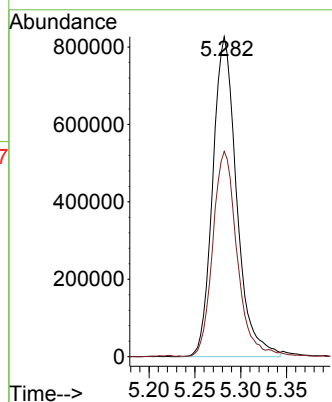
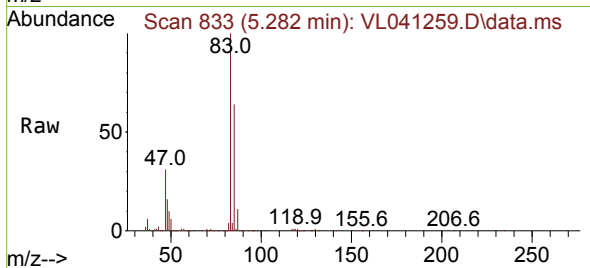
VSTDCCC010

Tgt Ion: 83 Resp: 1498782

Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5



#30

Cyclohexane

Concen: 11.073 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

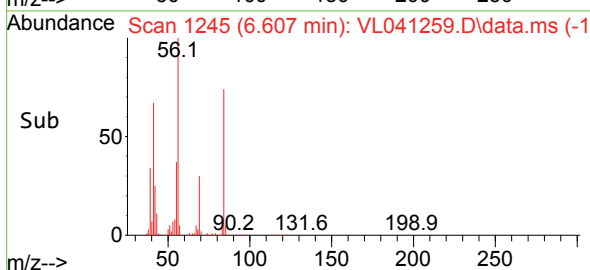
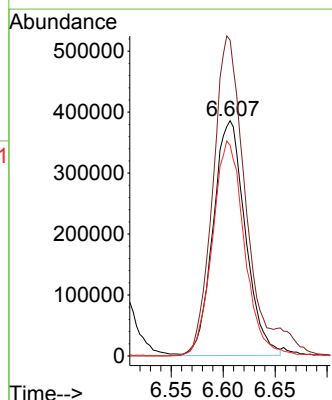
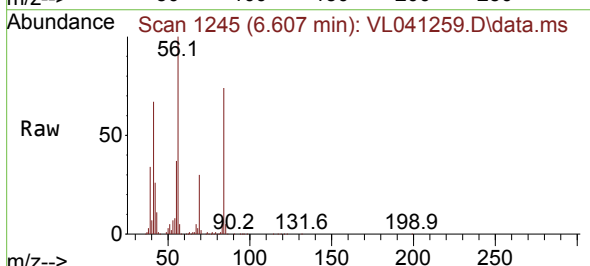
Tgt Ion: 84 Resp: 828217

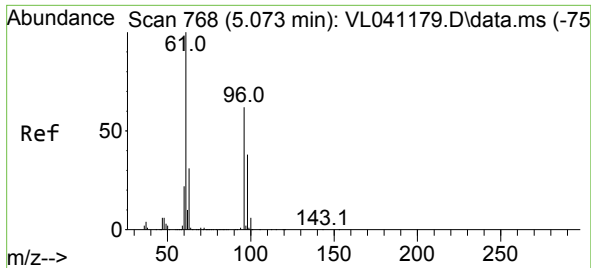
Ion Ratio Lower Upper

84 100

56 141.8 116.8 175.2

41 91.7 73.8 110.8

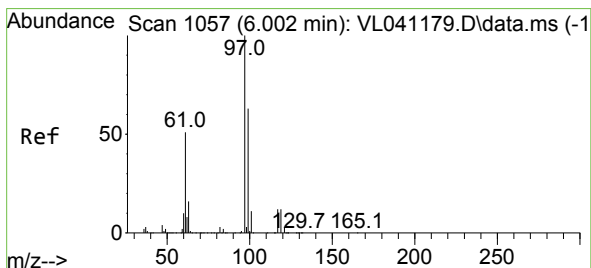
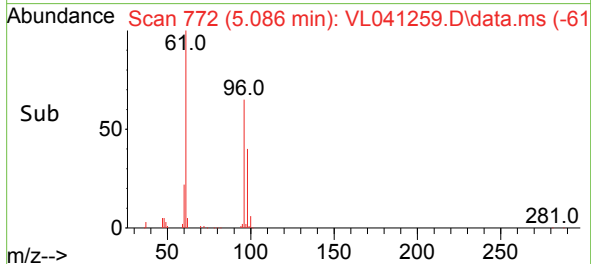
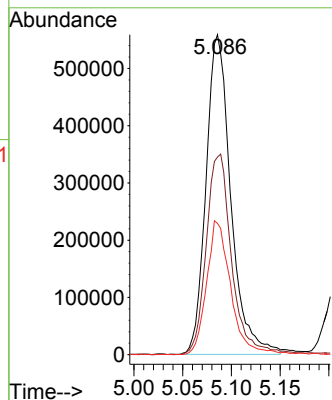
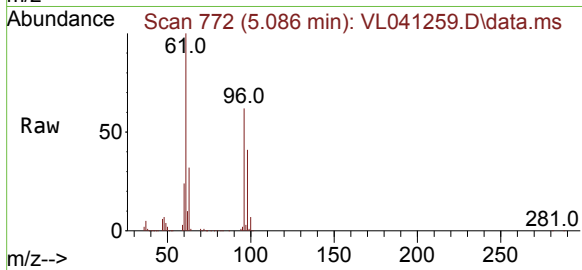




#31
 cis-1,2-Dichloroethene
 Concen: 11.186 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

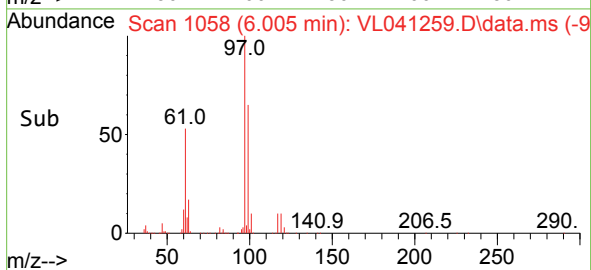
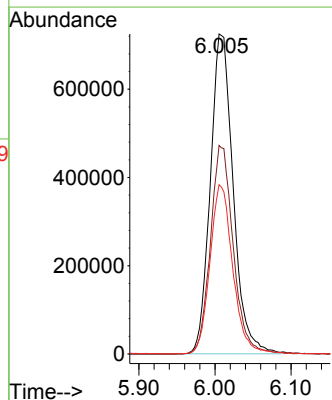
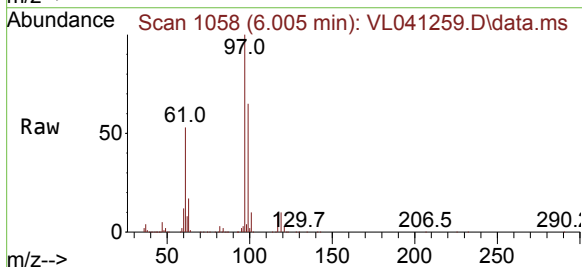
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

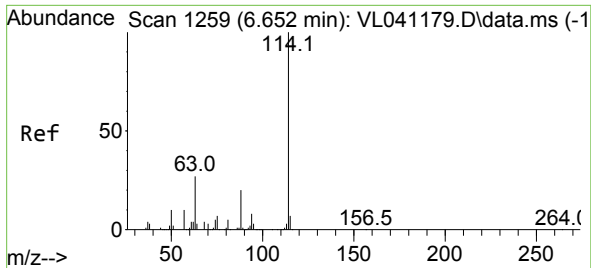
Tgt Ion: 61 Resp: 989541
 Ion Ratio Lower Upper
 61 100
 96 61.7 49.8 74.6
 98 41.0 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 11.654 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 97 Resp: 1515817
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.7 77.5
 61 52.8 41.1 61.7

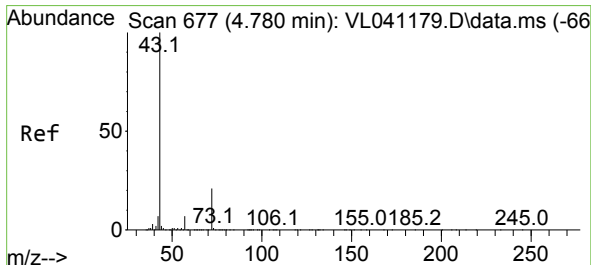
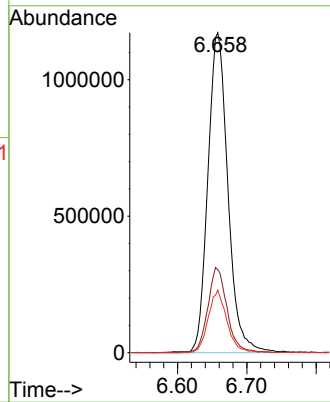
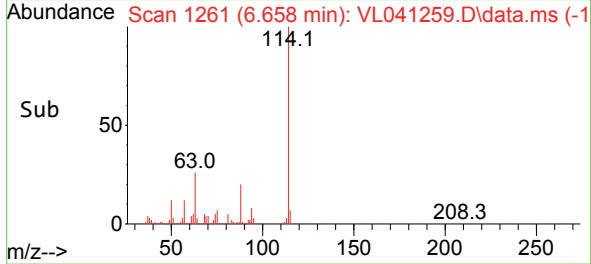
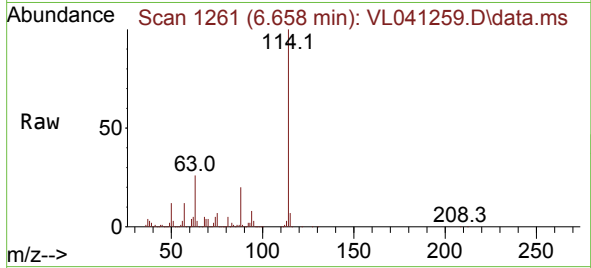




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.658 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

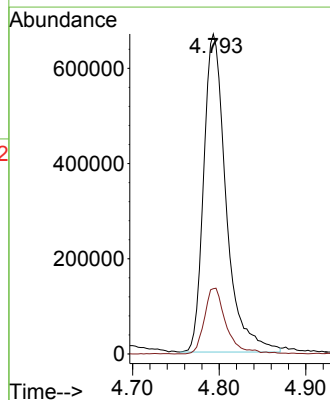
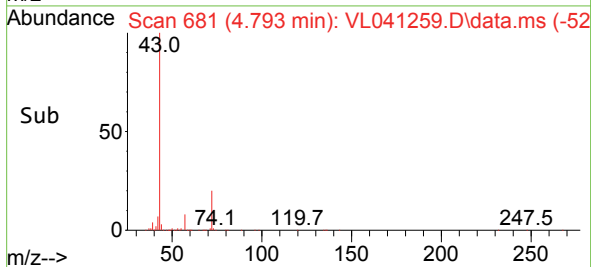
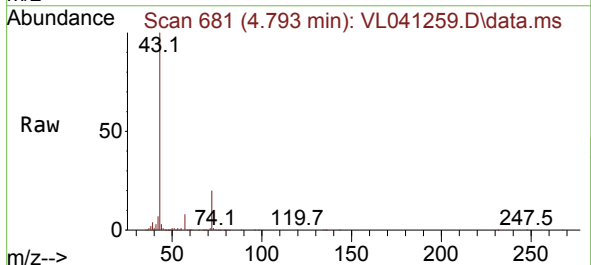
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

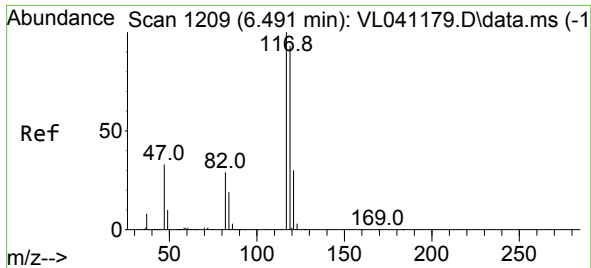
Tgt Ion:114 Resp: 2346389
 Ion Ratio Lower Upper
 114 100
 63 26.0 21.8 32.6
 88 18.4 15.2 22.8



#34
 2-Butanone
 Concen: 10.073 ppbv
 RT: 4.793 min Scan# 681
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 43 Resp: 1202997
 Ion Ratio Lower Upper
 43 100
 72 20.2 17.3 25.9

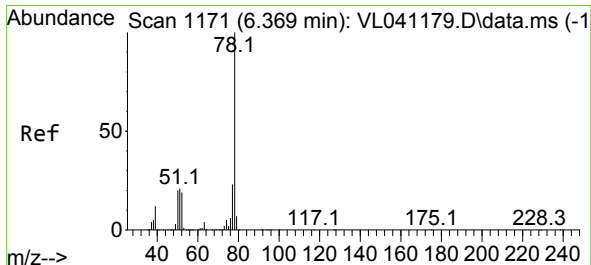
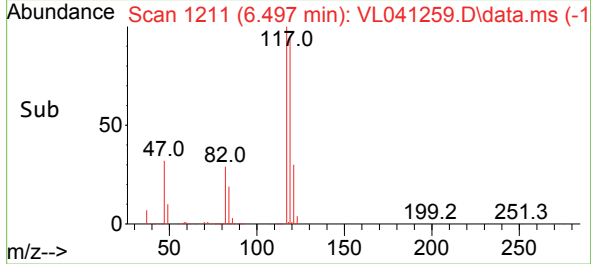
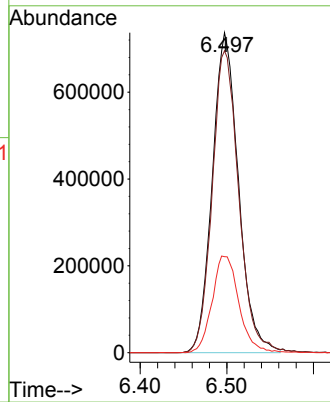
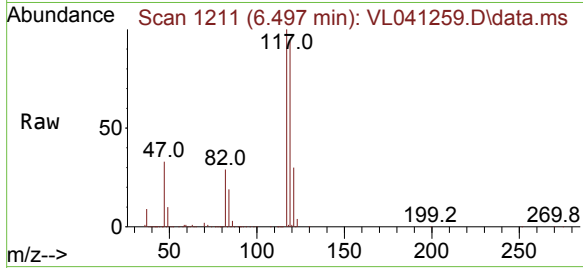




#35
Carbon Tetrachloride
Concen: 11.744 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

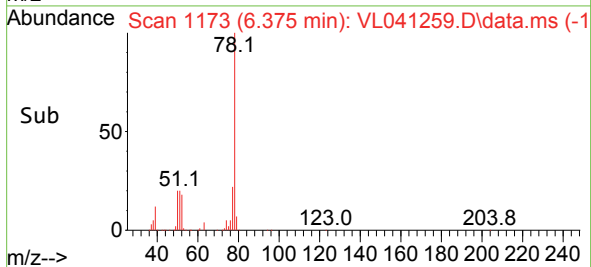
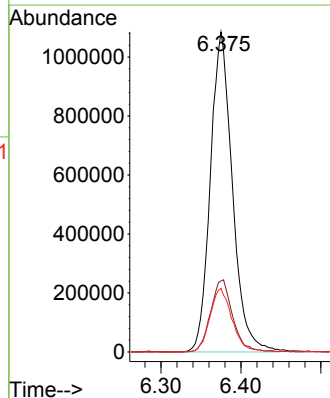
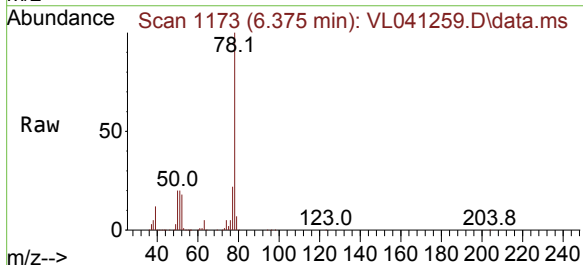
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

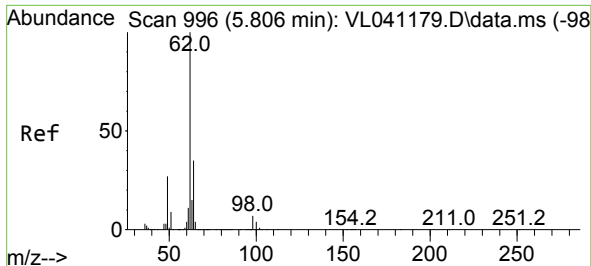
Tgt Ion:117 Resp: 1546450
Ion Ratio Lower Upper
117 100
119 94.3 74.3 111.5
121 30.0 23.8 35.8



#36
Benzene
Concen: 10.551 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 78 Resp: 2077600
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5
50 19.8 15.9 23.9





#37

1,2-Dichloroethane

Concen: 11.774 ppbv

RT: 5.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

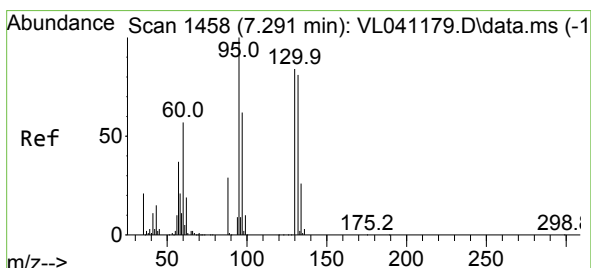
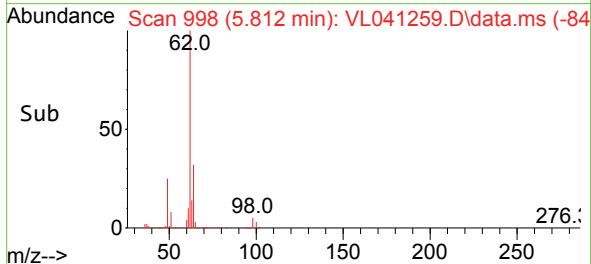
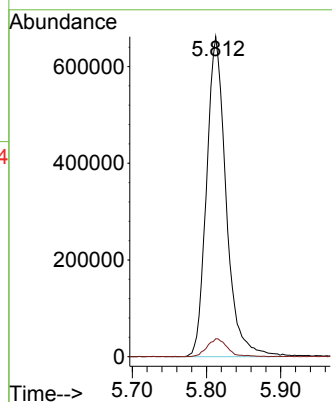
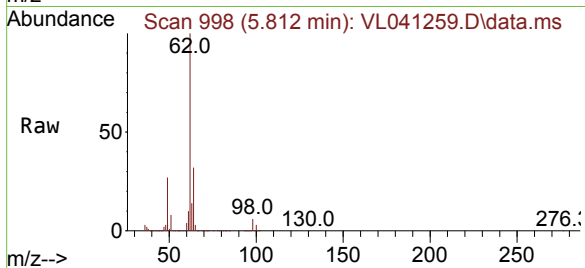
VSTDCCC010

Tgt Ion: 62 Resp: 1209611

Ion Ratio Lower Upper

62 100

98 6.0 5.0 7.4



#38

Trichloroethene

Concen: 10.549 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Tgt Ion:130 Resp: 774038

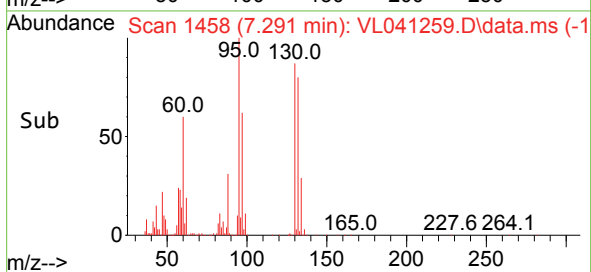
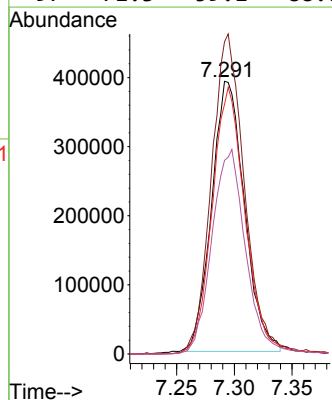
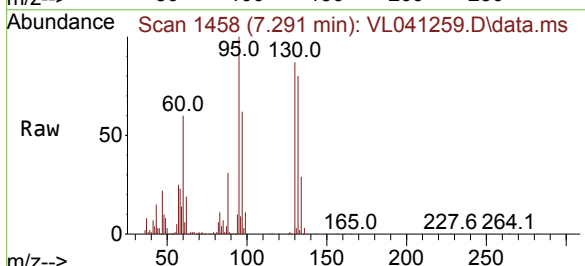
Ion Ratio Lower Upper

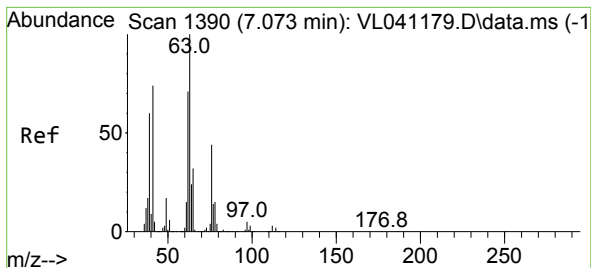
130 100

95 115.1 95.0 142.6

132 92.0 77.0 115.4

97 71.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.581 ppbv

RT: 7.076 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

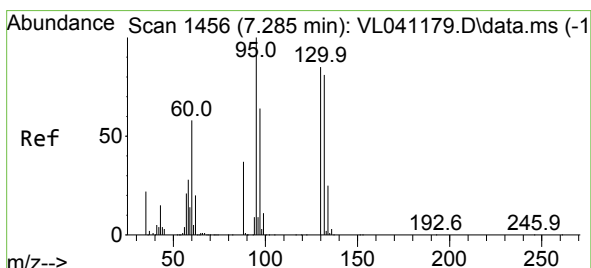
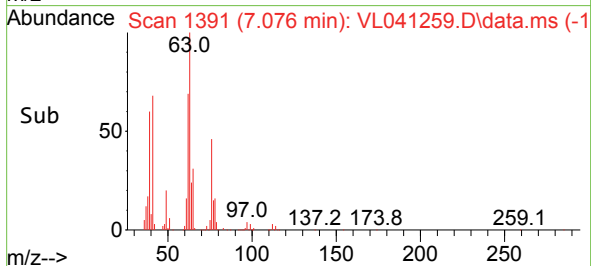
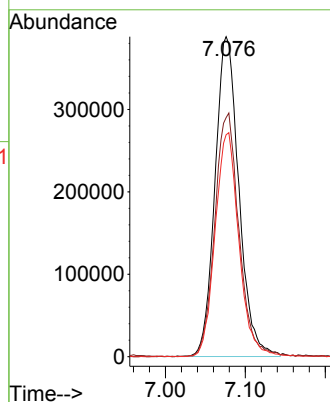
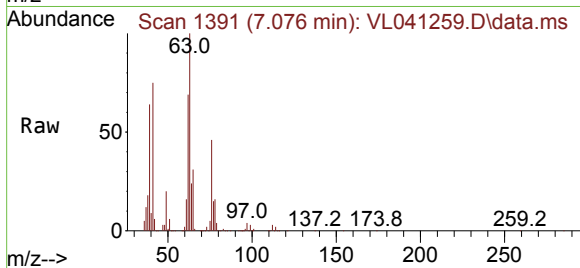
Tgt Ion: 63 Resp: 802945

Ion Ratio Lower Upper

63 100

41 74.6 59.4 89.0

62 69.4 56.8 85.2



#40

1,4-Dioxane

Concen: 11.682 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Tgt Ion: 88 Resp: 316712

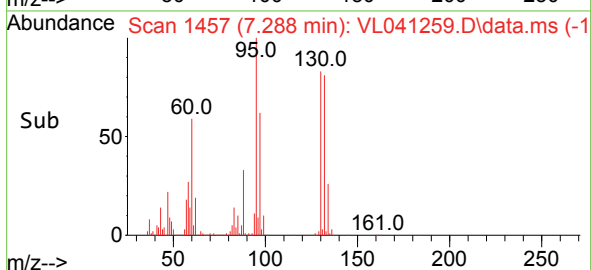
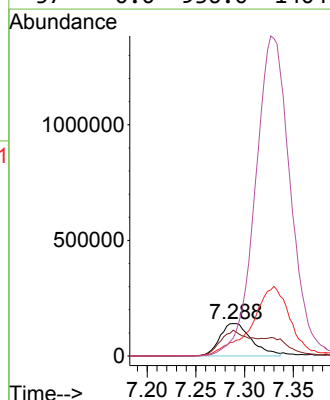
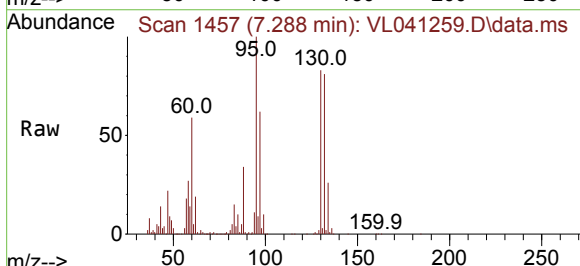
Ion Ratio Lower Upper

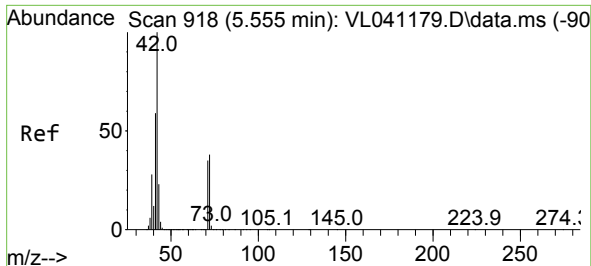
88 100

58 127.3 106.1 159.1

43 0.0 219.8 329.6#

57 0.0 936.0 1404.0#

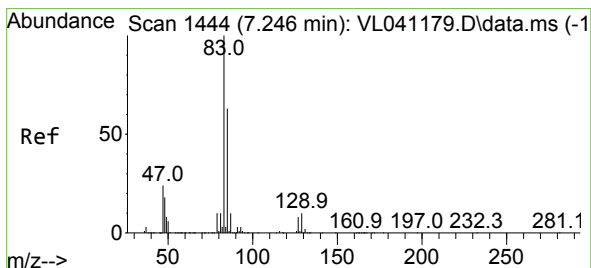
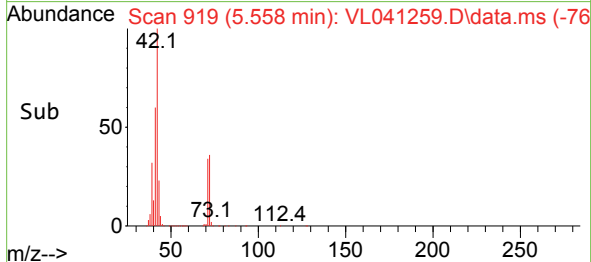
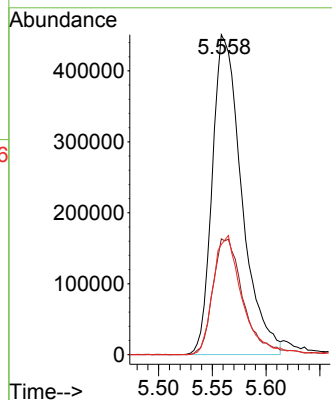
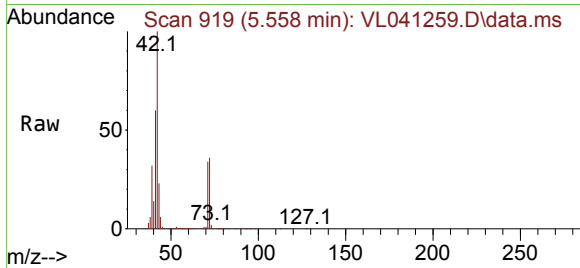




#41
Tetrahydrofuran
Concen: 9.935 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

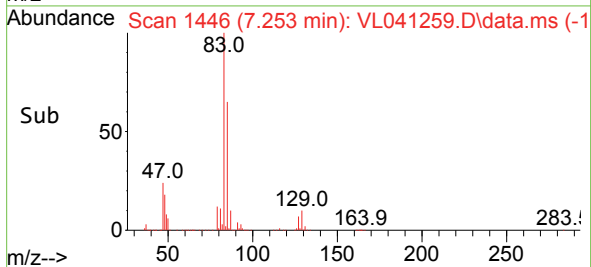
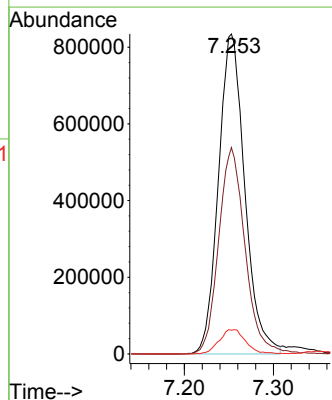
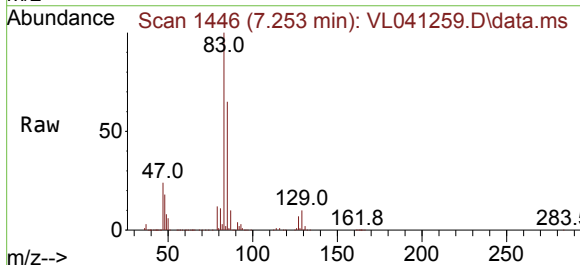
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

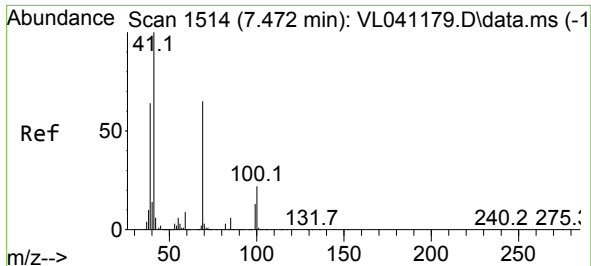
Tgt Ion: 42 Resp: 858940
Ion Ratio Lower Upper
42 100
72 38.4 29.4 44.0
71 37.6 29.1 43.7



#42
Bromodichloromethane
Concen: 11.637 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 83 Resp: 1714644
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8
127 7.4 6.2 9.4

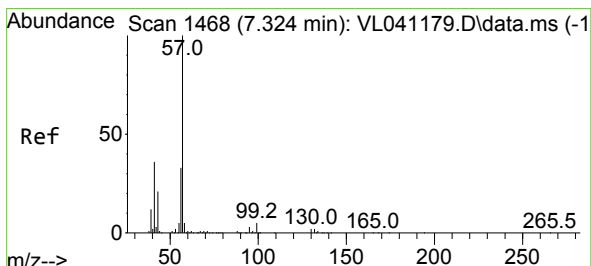
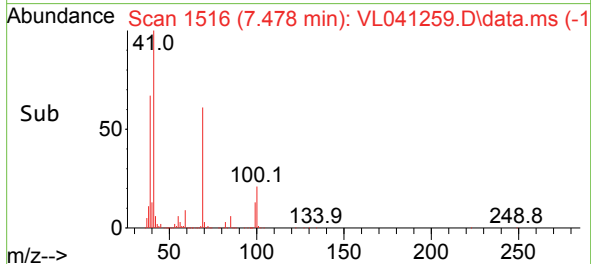
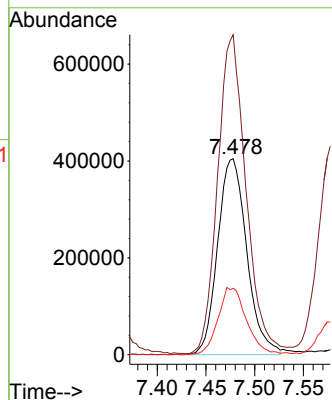
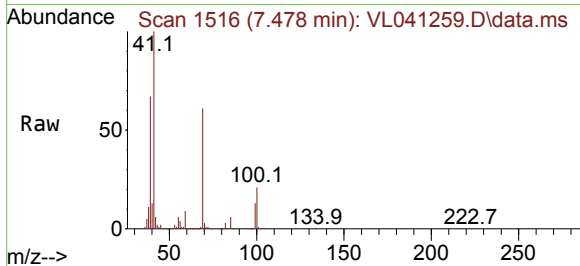




#43
Methyl Methacrylate
Concen: 10.547 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

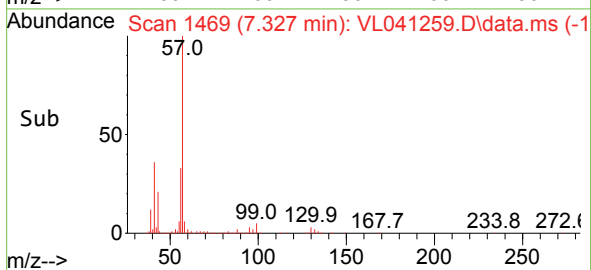
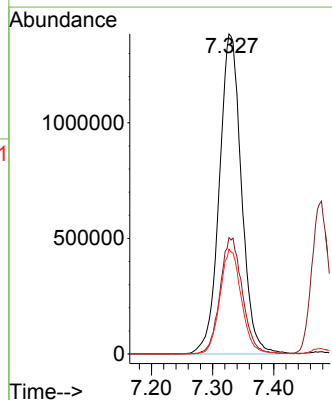
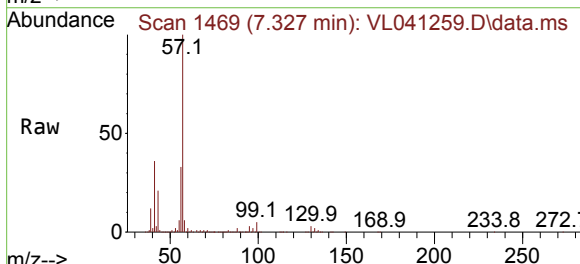
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

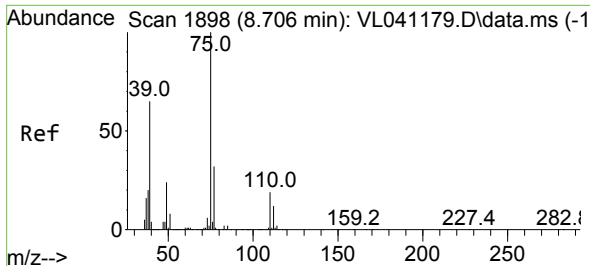
Tgt Ion: 69 Resp: 839937
Ion Ratio Lower Upper
69 100
41 159.4 125.2 187.8
100 33.5 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 10.227 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 57 Resp: 3472268
Ion Ratio Lower Upper
57 100
41 36.7 29.5 44.3
56 31.8 25.3 37.9

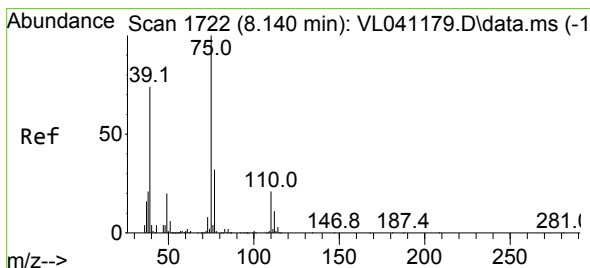
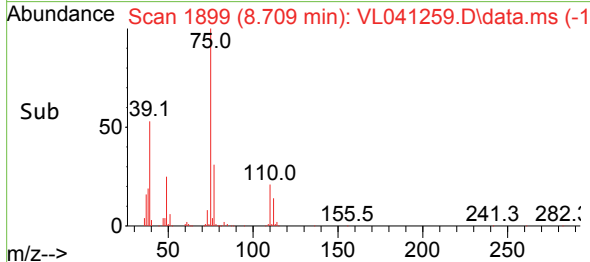
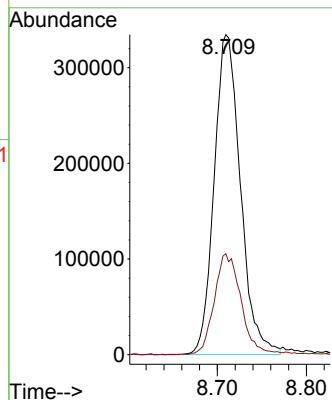
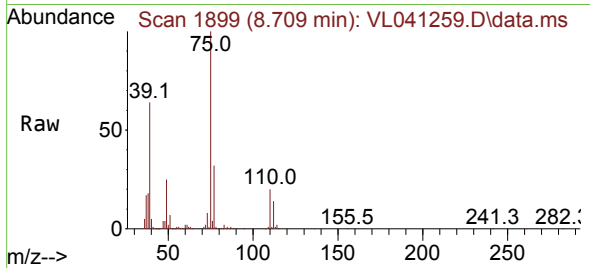




#45
 t-1,3-Dichloropropene
 Concen: 11.876 ppbv
 RT: 8.709 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

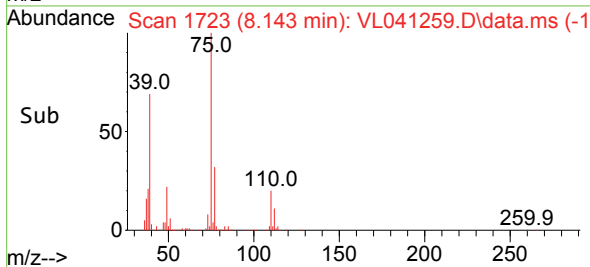
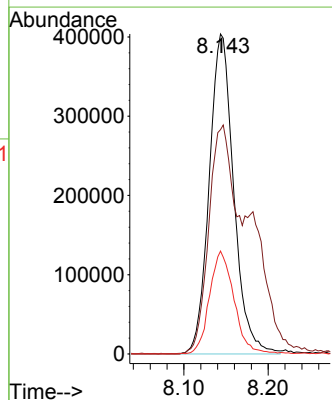
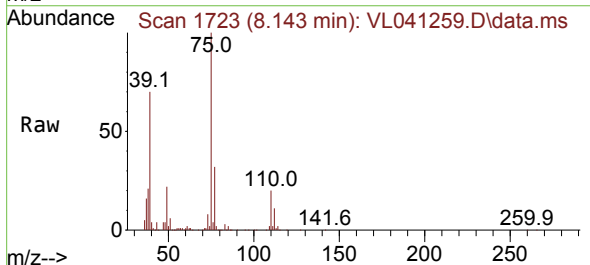
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

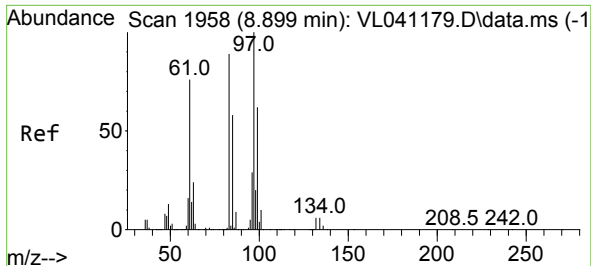
Tgt Ion: 75 Resp: 685352
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.549 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 75 Resp: 815992
 Ion Ratio Lower Upper
 75 100
 39 69.9 59.4 89.2
 77 32.1 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 11.124 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 844913

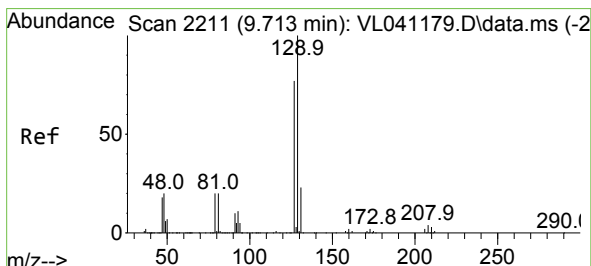
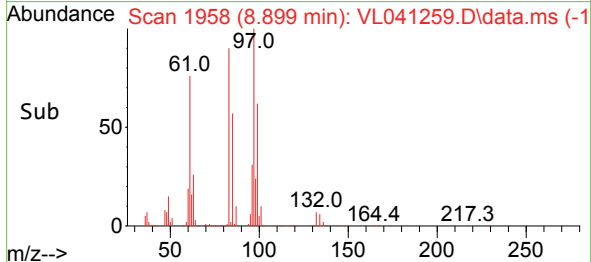
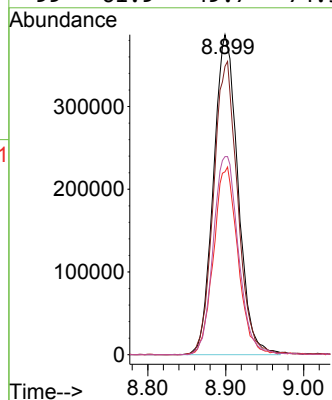
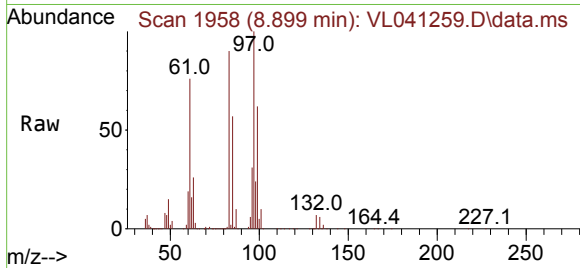
Ion Ratio Lower Upper

97 100

83 90.0 71.2 106.8

85 57.2 46.0 69.0

99 61.9 49.7 74.5



#48

Dibromochloromethane

Concen: 11.927 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL041259.D

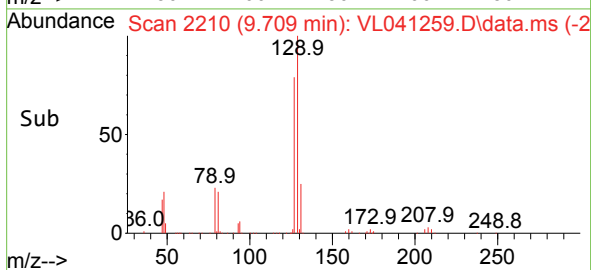
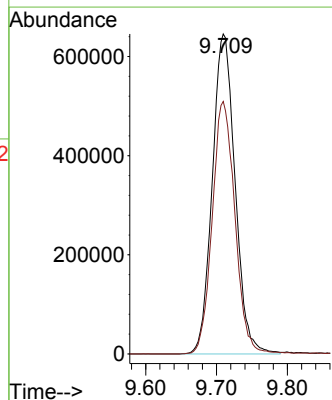
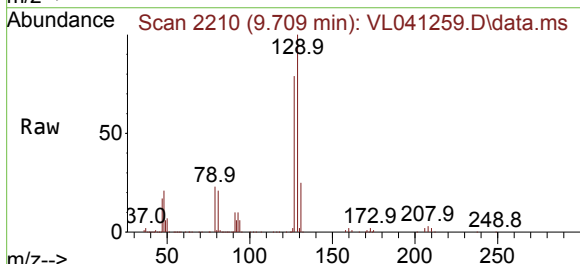
Acq: 21 May 2024 10:47

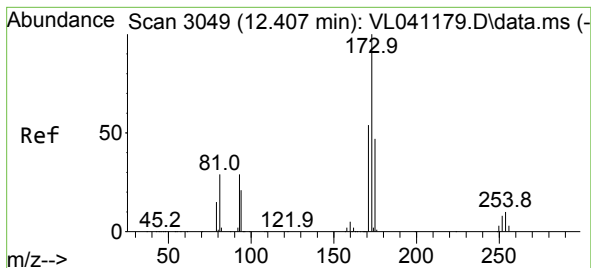
Tgt Ion: 129 Resp: 1443378

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.5





#49

Bromoform

Concen: 11.815 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

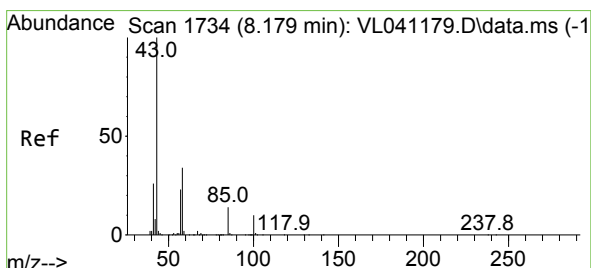
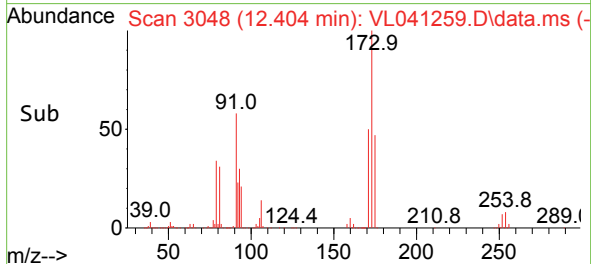
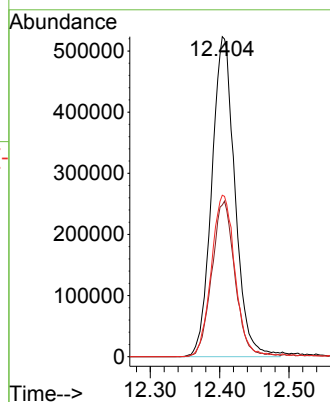
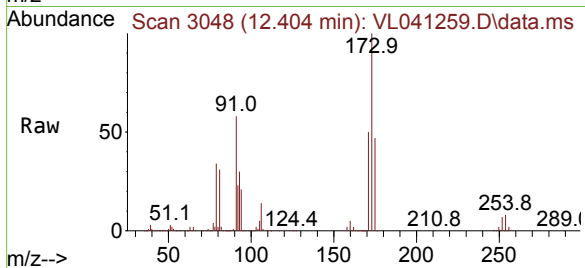
Tgt Ion:173 Resp: 1216353

Ion Ratio Lower Upper

173 100

175 48.9 39.8 59.8

171 52.2 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 10.250 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VL041259.D

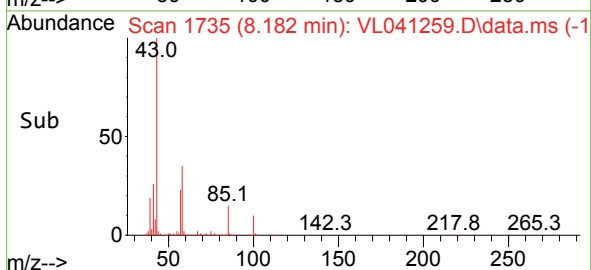
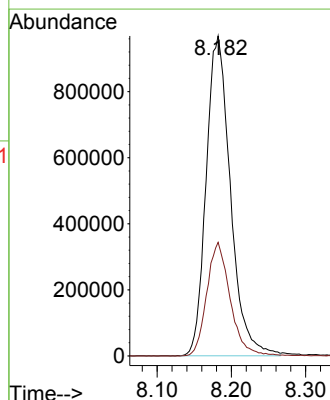
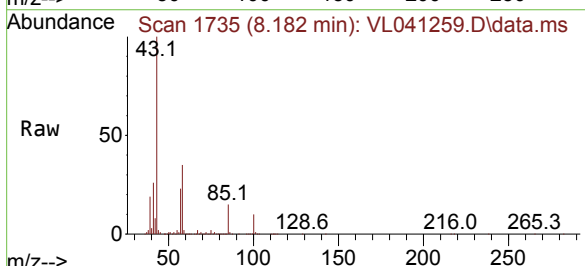
Acq: 21 May 2024 10:47

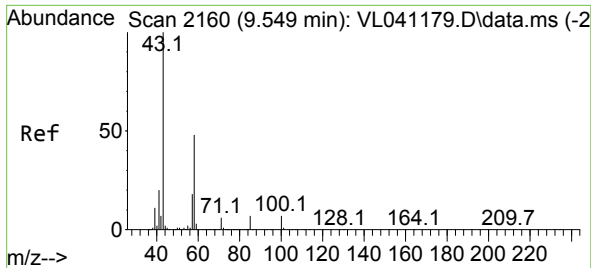
Tgt Ion: 43 Resp: 2196819

Ion Ratio Lower Upper

43 100

58 34.4 27.7 41.5

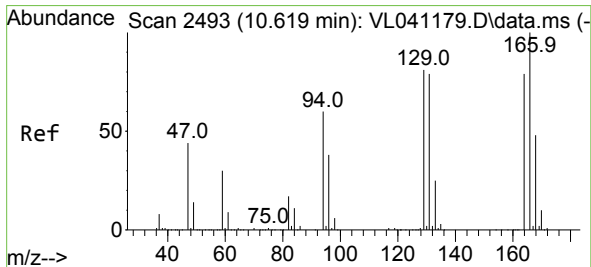
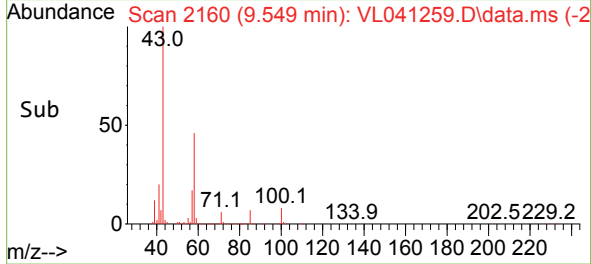
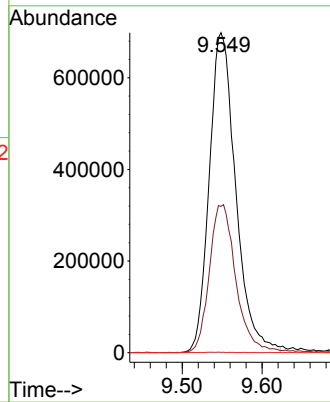
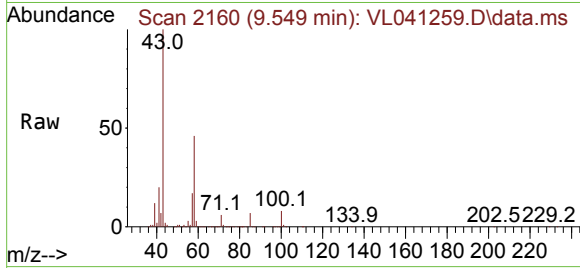




#51
2-Hexanone
Concen: 10.080 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

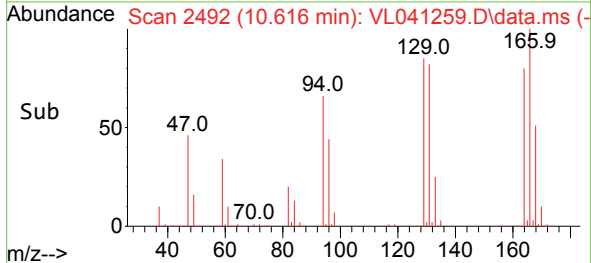
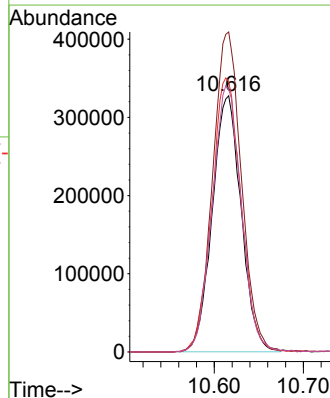
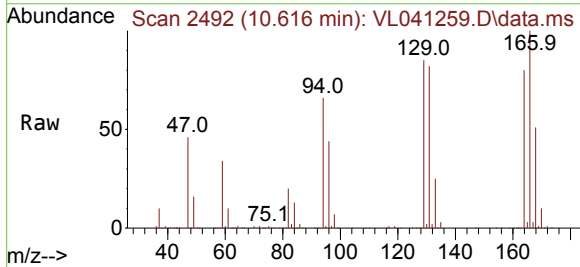
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

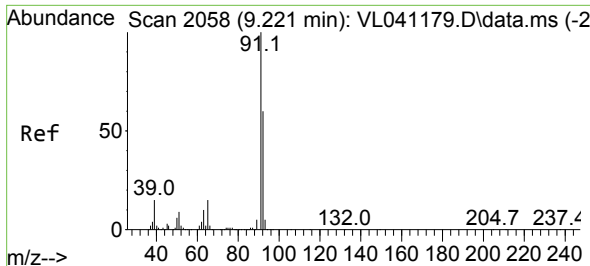
Tgt Ion: 43 Resp: 1602549
Ion Ratio Lower Upper
43 100
58 47.2 38.4 57.6
98 0.2 0.0 0.0#



#52
Tetrachloroethene
Concen: 10.611 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion:164 Resp: 734338
Ion Ratio Lower Upper
164 100
166 124.9 101.1 151.7
129 105.4 81.7 122.5
131 102.3 80.4 120.6

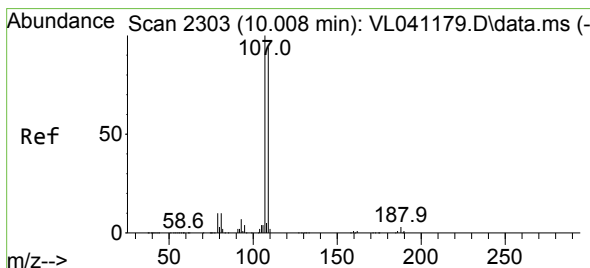
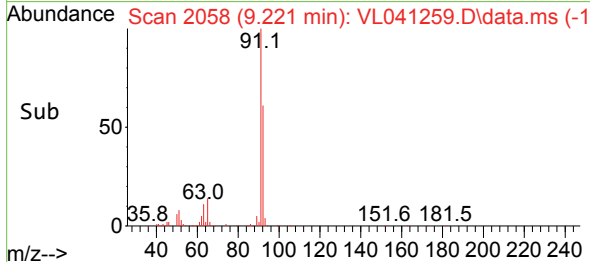
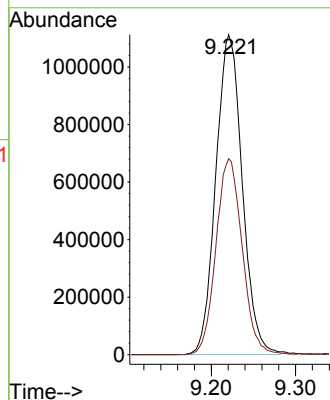
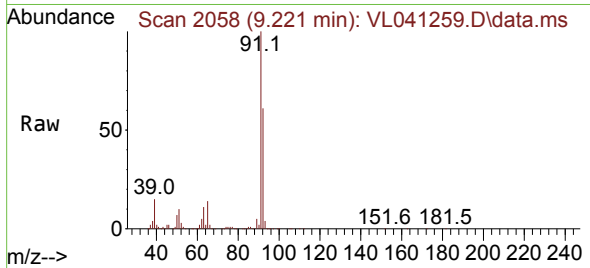




#53
Toluene
Concen: 10.601 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

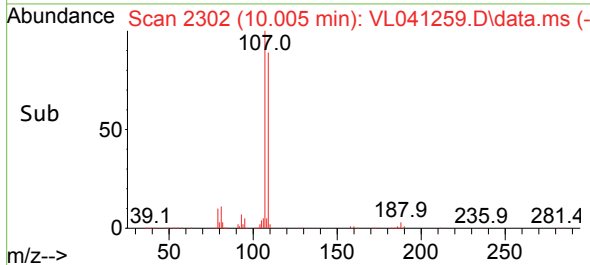
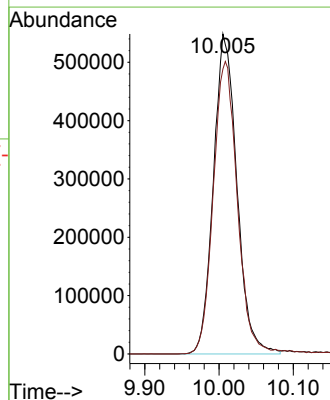
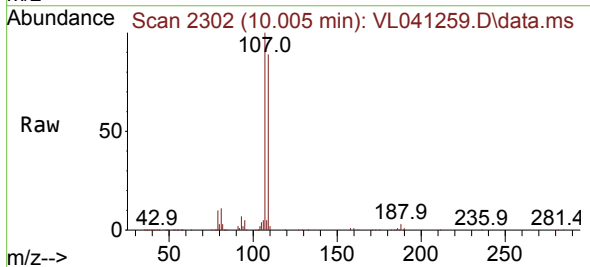
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

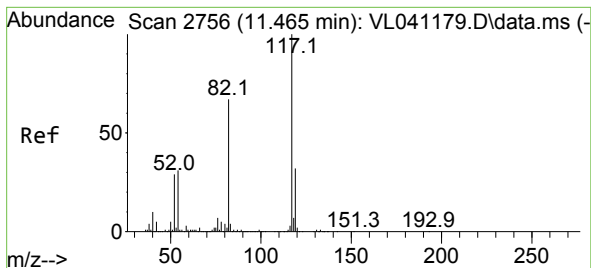
Tgt Ion: 91 Resp: 2420432
Ion Ratio Lower Upper
91 100
92 61.0 48.2 72.4



#54
1,2-Dibromoethane
Concen: 11.712 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 107 Resp: 1204910
Ion Ratio Lower Upper
107 100
109 89.0 75.2 112.8

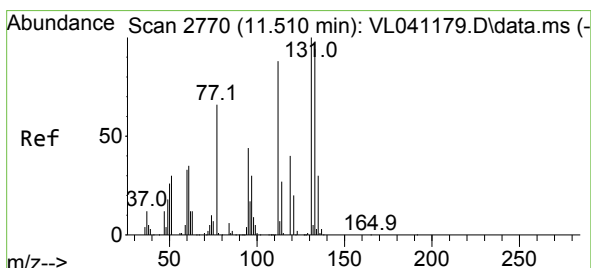
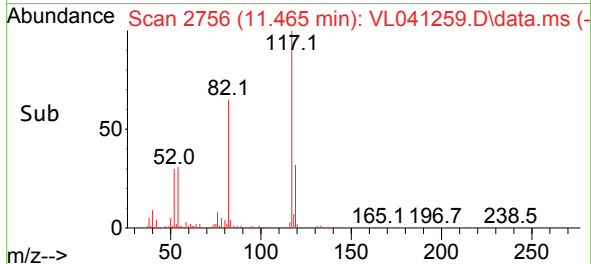
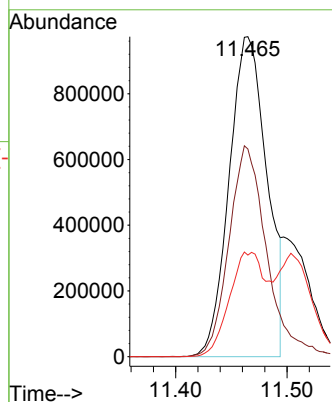
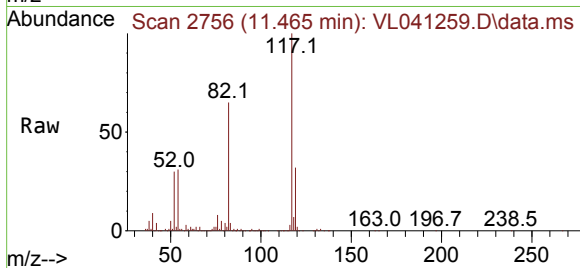




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

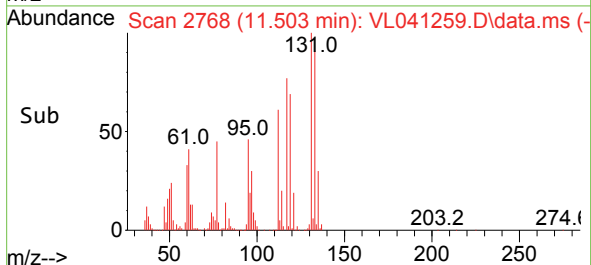
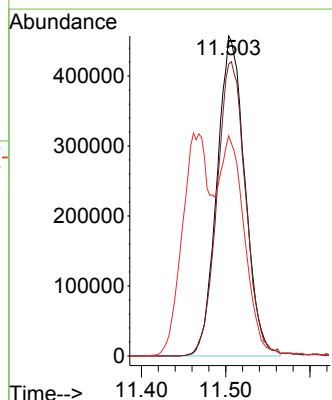
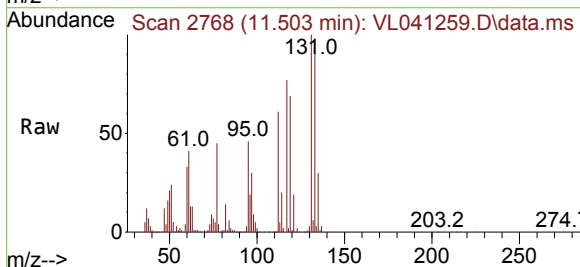
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

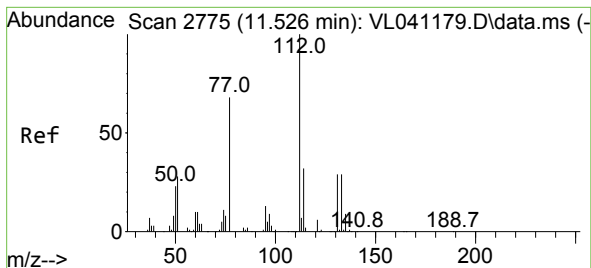
Tgt Ion:117 Resp: 2296193
Ion Ratio Lower Upper
117 100
82 66.6 53.6 80.4
119 30.8 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 11.273 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion:131 Resp: 1049605
Ion Ratio Lower Upper
131 100
133 95.3 76.3 114.5
119 62.3 49.4 74.2





#57

Chlorobenzene

Concen: 10.770 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

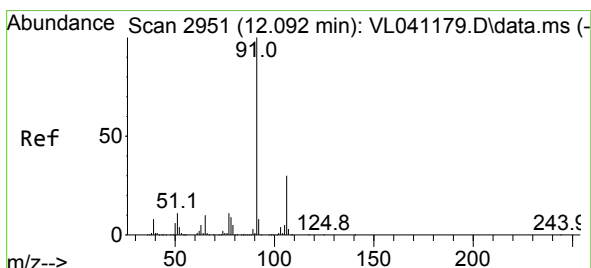
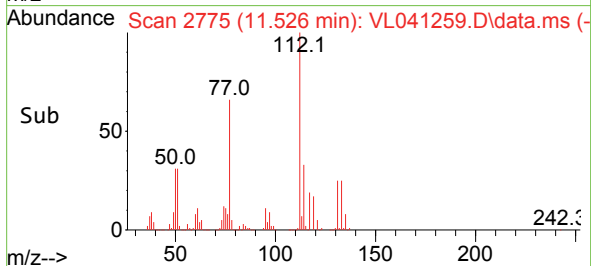
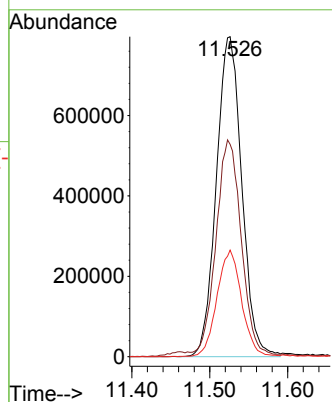
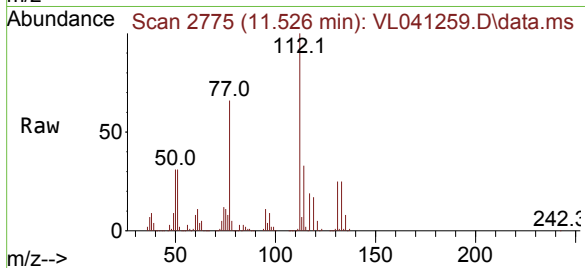
Tgt Ion:112 Resp: 1811186

Ion Ratio Lower Upper

112 100

77 65.6 54.9 82.3

114 33.2 28.7 35.1



#58

Ethyl Benzene

Concen: 10.310 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041259.D

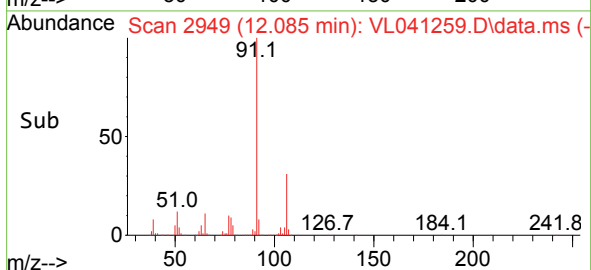
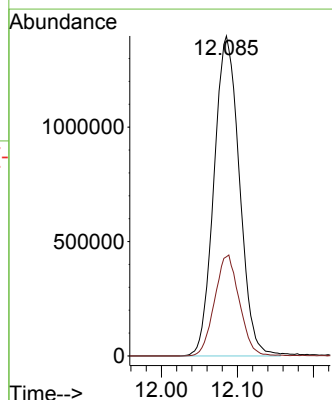
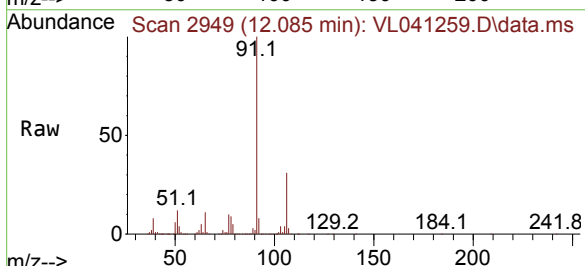
Acq: 21 May 2024 10:47

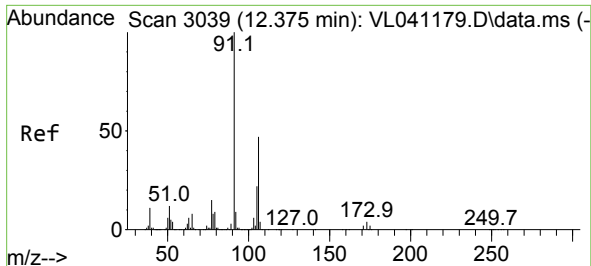
Tgt Ion: 91 Resp: 3246161

Ion Ratio Lower Upper

91 100

106 31.0 24.3 36.5





#59

m/p-Xylene

Concen: 3.646 ppbv

RT: 12.365 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

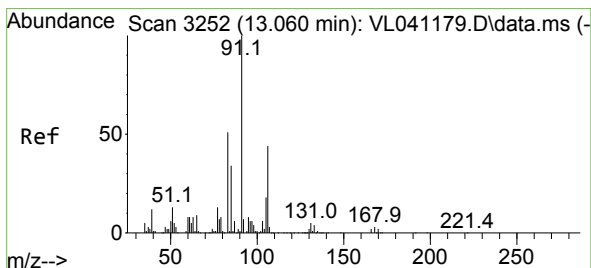
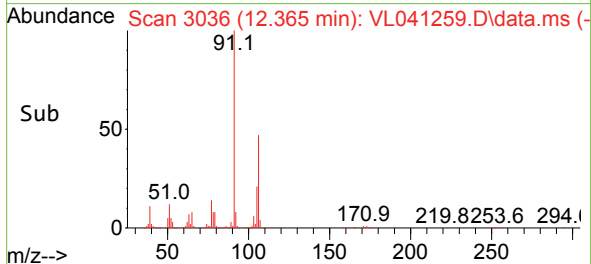
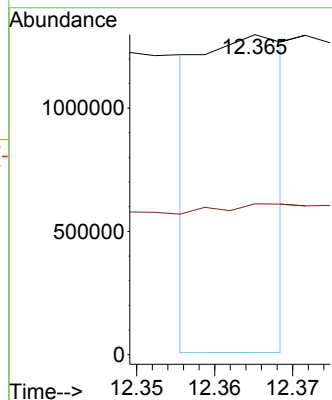
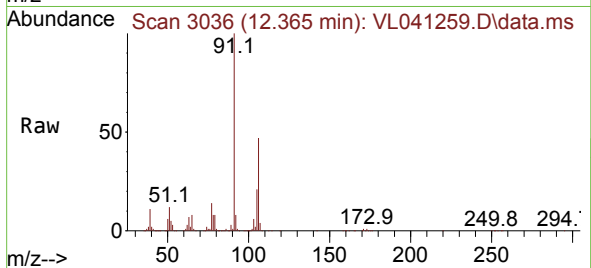
VSTDCCC010

Tgt Ion: 91 Resp: 964918

Ion Ratio Lower Upper

91 100

106 253.7 35.7 53.5#



#60

o-Xylene

Concen: 10.511 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041259.D

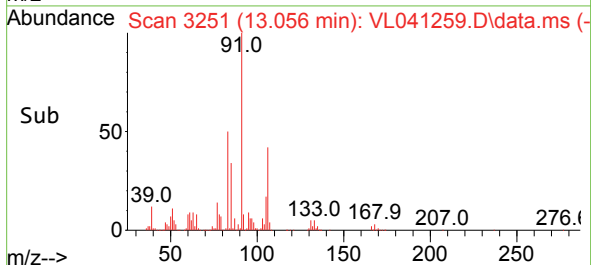
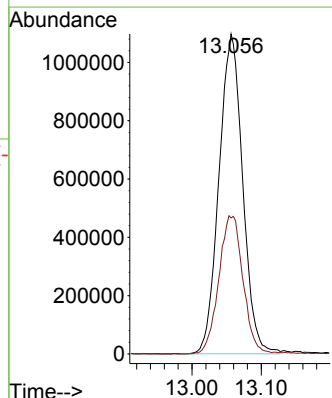
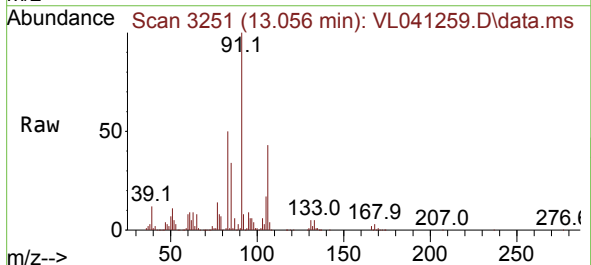
Acq: 21 May 2024 10:47

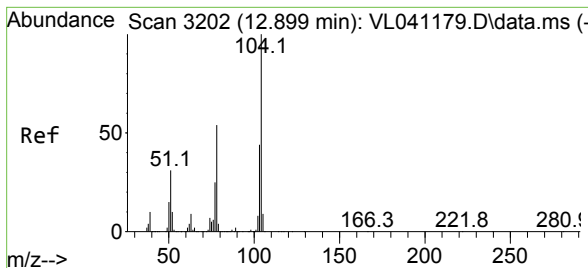
Tgt Ion: 91 Resp: 2607171

Ion Ratio Lower Upper

91 100

106 44.7 22.4 67.3





#61

Styrene

Concen: 10.760 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

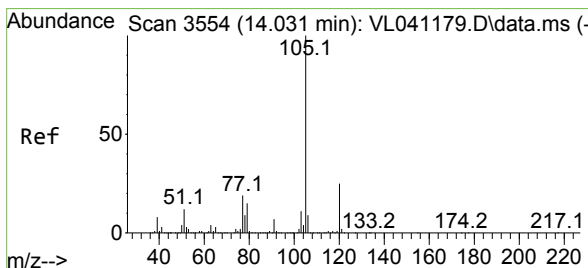
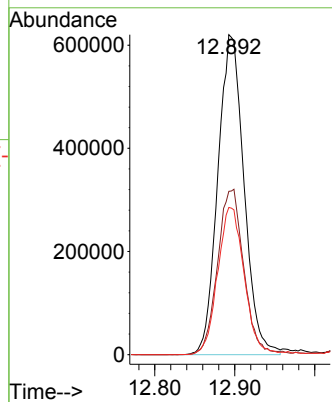
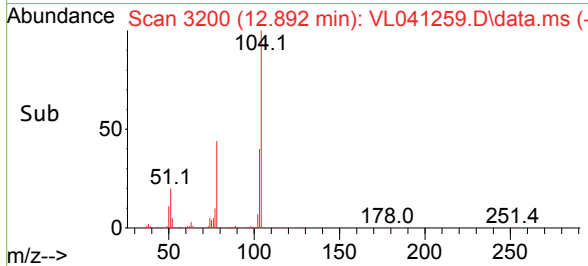
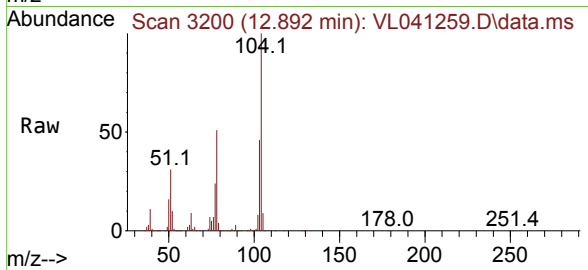
Tgt Ion:104 Resp: 1409983

Ion Ratio Lower Upper

104 100

78 52.2 42.6 63.8

103 47.2 38.4 57.6



#62

Isopropylbenzene

Concen: 10.392 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041259.D

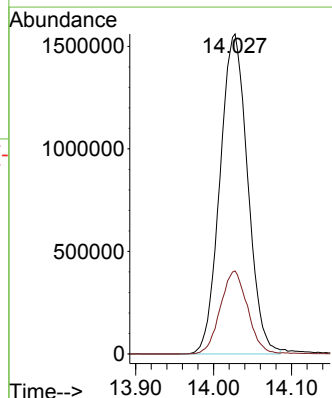
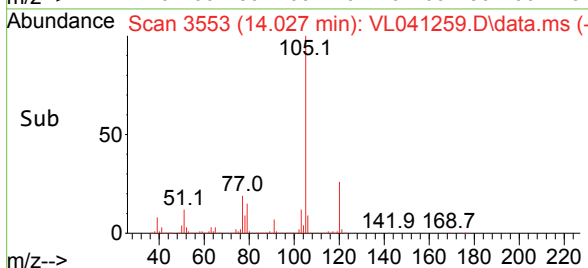
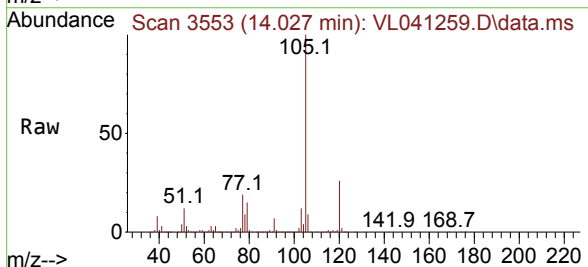
Acq: 21 May 2024 10:47

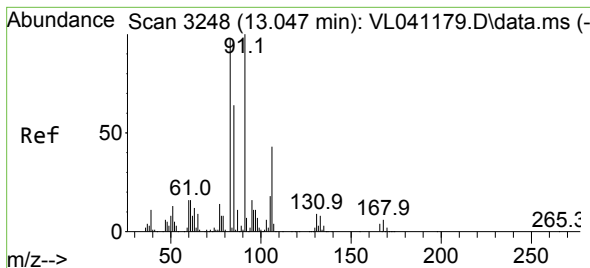
Tgt Ion:105 Resp: 3855680

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.2

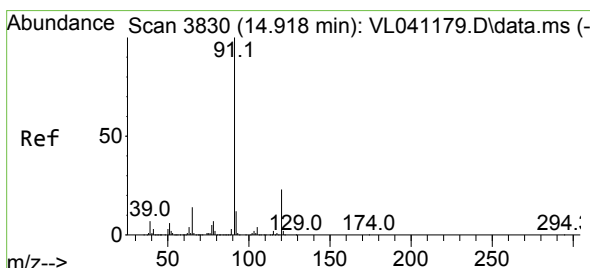
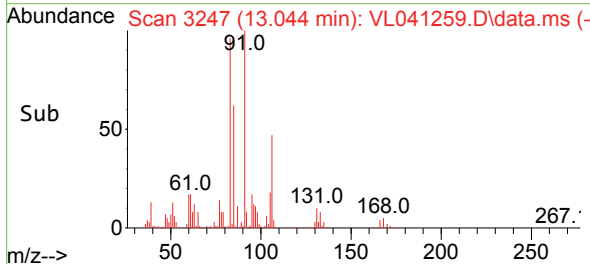
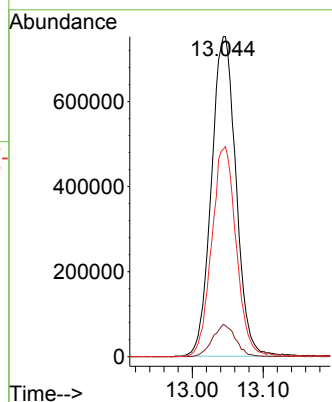
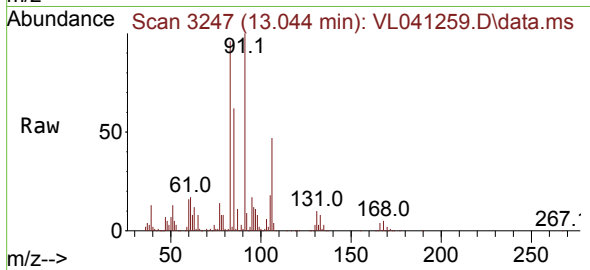




#63
1,1,2,2-Tetrachloroethane
Concen: 10.706 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

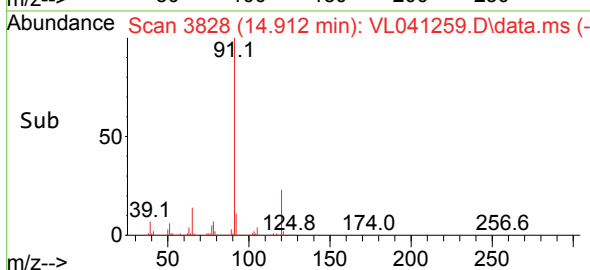
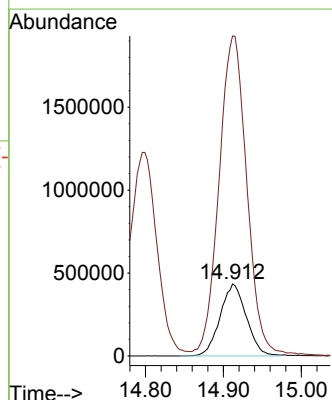
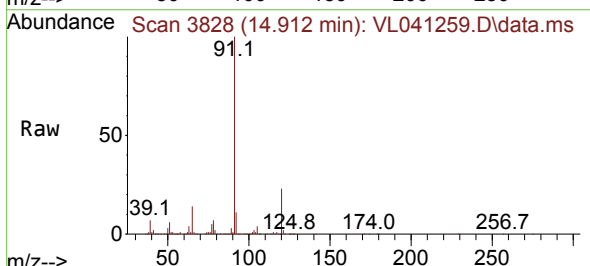
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

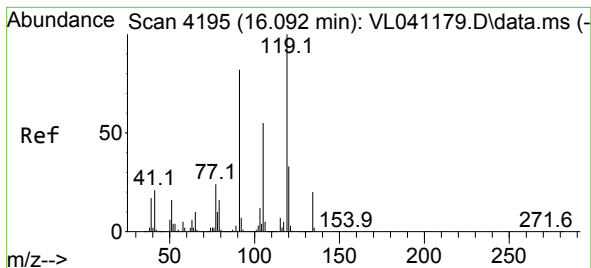
Tgt Ion: 83 Resp: 1810145
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.5
85 66.2 32.7 98.1



#64
n-propylbenzene
Concen: 10.970 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion:120 Resp: 1015406
Ion Ratio Lower Upper
120 100
91 474.9 384.8 577.2





#65

tert-Butylbenzene

Concen: 10.120 ppbv

RT: 16.089 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

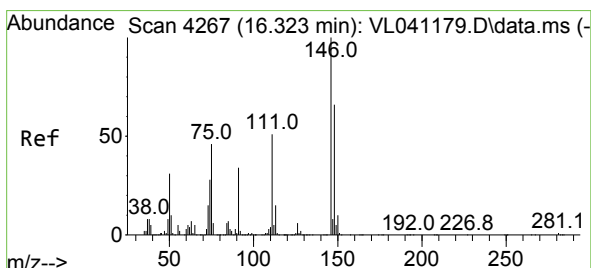
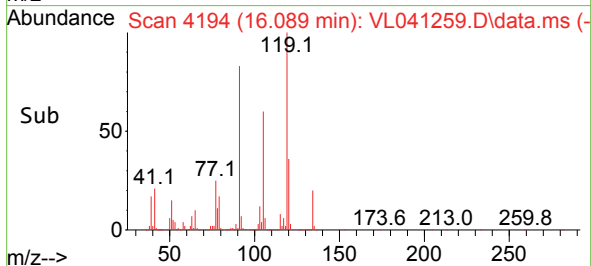
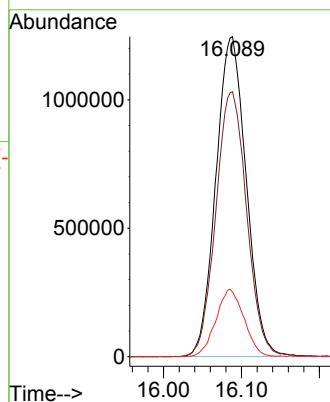
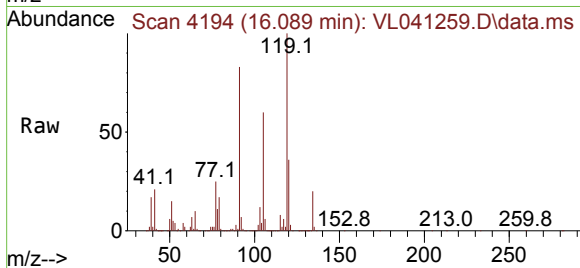
Tgt Ion:119 Resp: 3362836

Ion Ratio Lower Upper

119 100

91 84.6 67.0 100.4

134 19.8 15.2 22.8



#66

Benzyl Chloride

Concen: 4.106 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

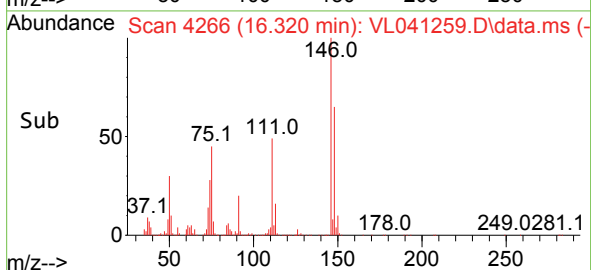
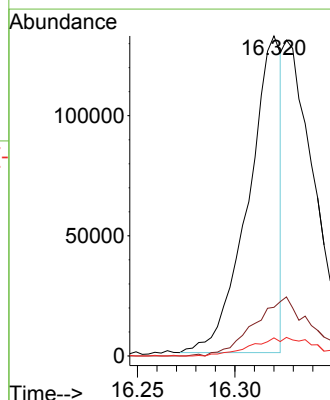
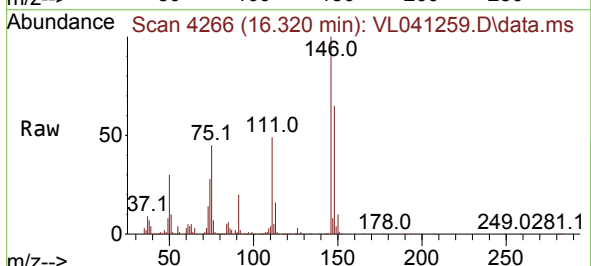
Tgt Ion: 91 Resp: 154467

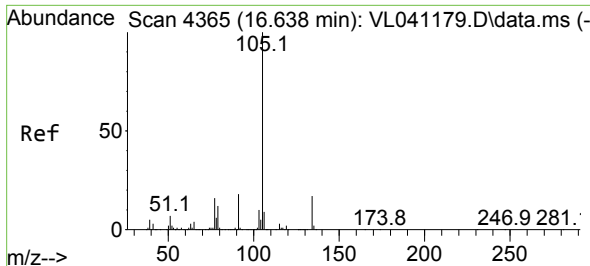
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 0.0 4.7 7.1#

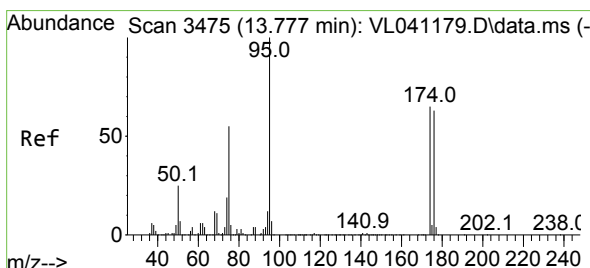
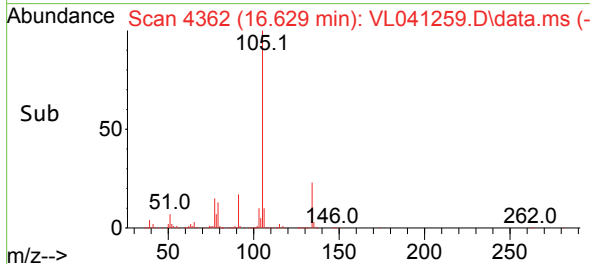
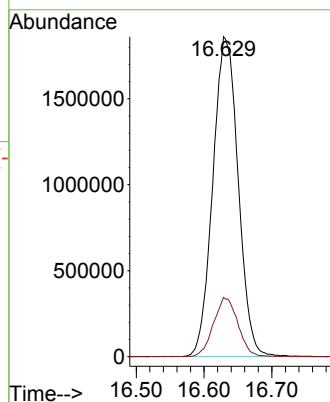
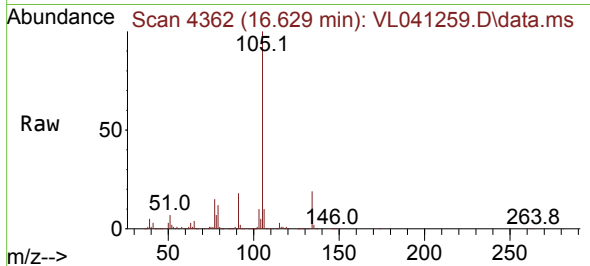




#67
 sec-Butylbenzene
 Concen: 10.303 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

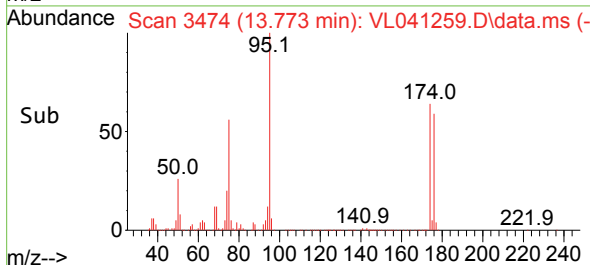
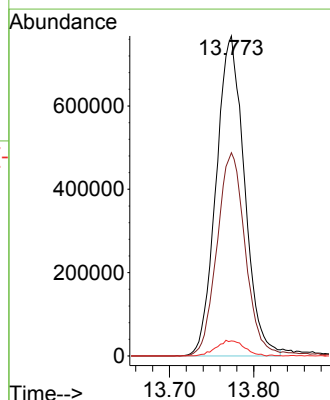
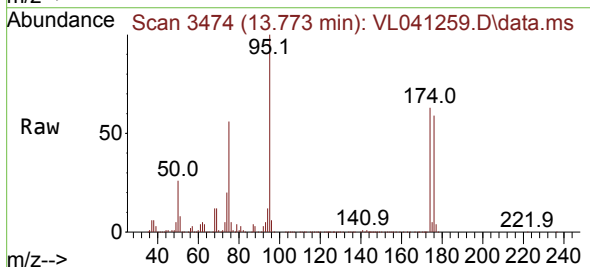
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

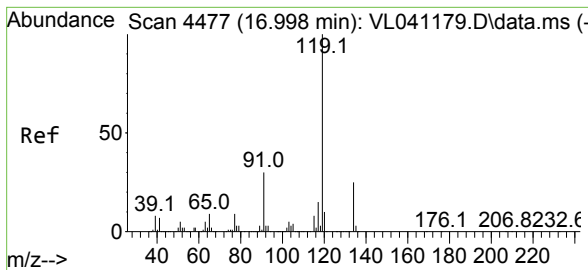
Tgt Ion:105 Resp: 4819765
 Ion Ratio Lower Upper
 105 100
 134 17.9 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.320 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion: 95 Resp: 1788904
 Ion Ratio Lower Upper
 95 100
 174 64.8 53.6 80.4
 175 4.9 4.2 6.4

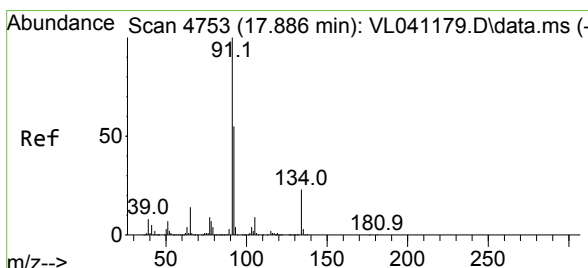
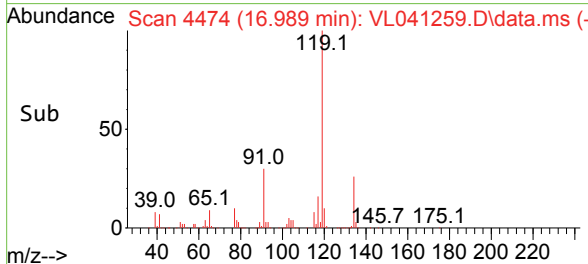
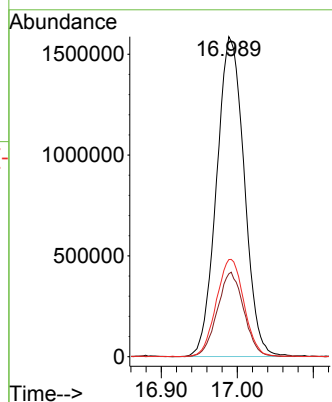
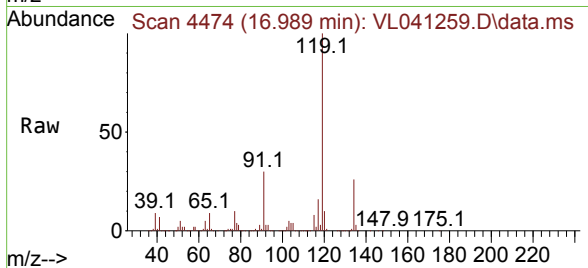




#69
p-Isopropyltoluene
Concen: 10.358 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

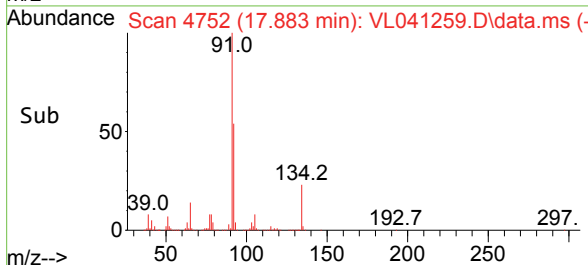
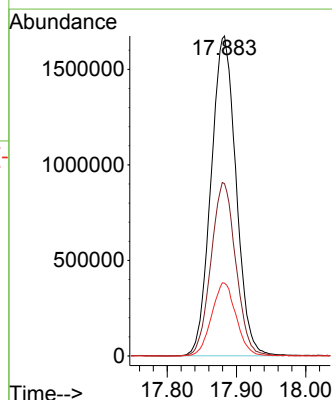
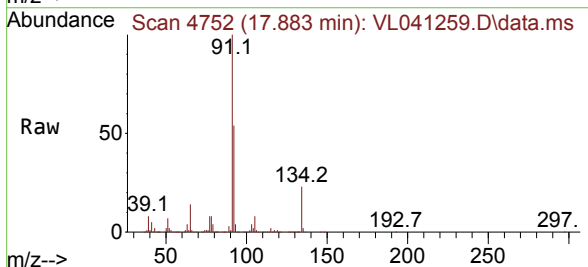
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

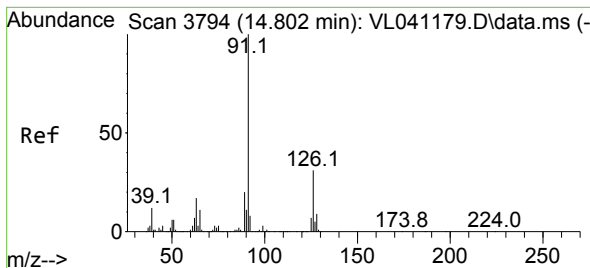
Tgt Ion:119 Resp: 3993159
Ion Ratio Lower Upper
119 100
134 25.6 20.1 30.1
91 30.7 24.2 36.2



#70
n-Butylbenzene
Concen: 10.417 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 91 Resp: 4193946
Ion Ratio Lower Upper
91 100
92 54.0 43.3 64.9
134 22.6 17.8 26.8

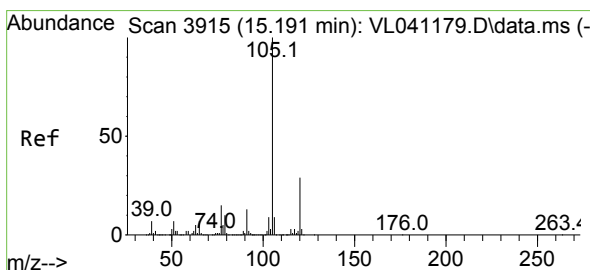
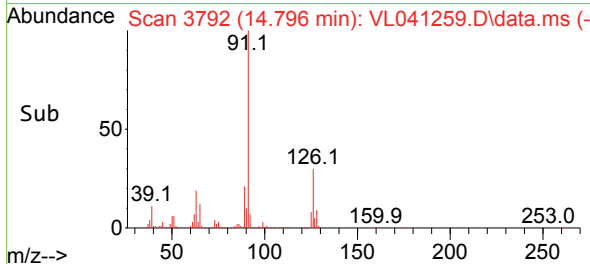
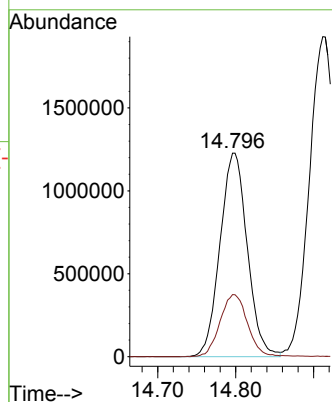
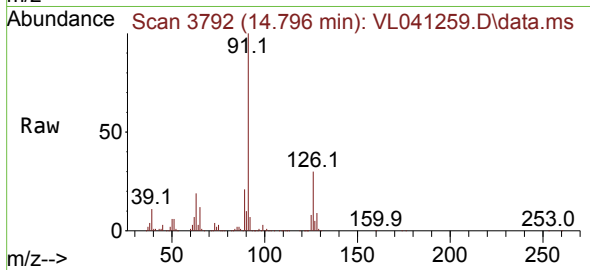




#71
2-Chlorotoluene
Concen: 10.569 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

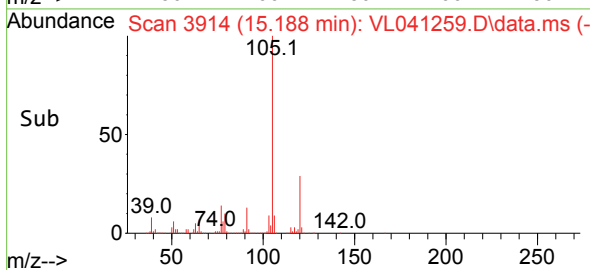
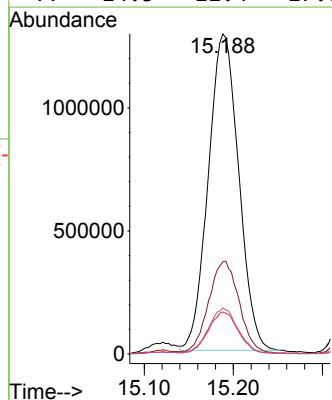
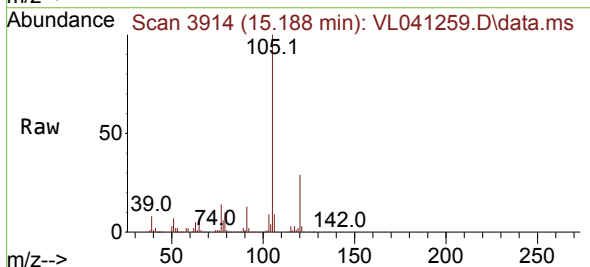
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

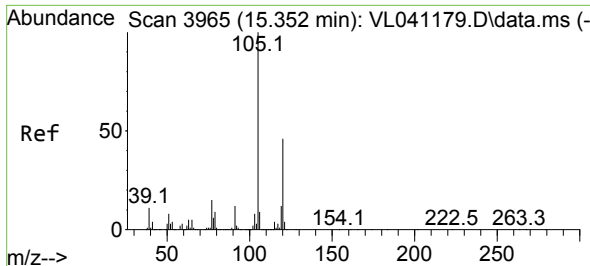
Tgt Ion: 91 Resp: 2985702
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8



#72
4-Ethyltoluene
Concen: 10.868 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion: 105 Resp: 3053369
Ion Ratio Lower Upper
105 100
120 29.9 24.7 37.1
91 13.2 10.3 15.5
77 14.5 11.4 17.0

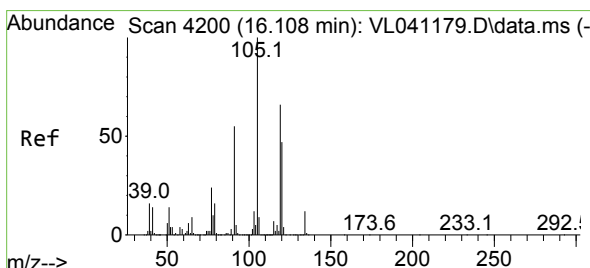
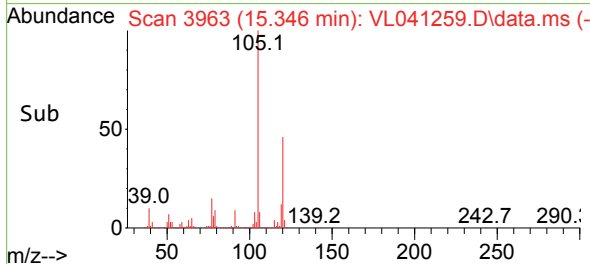
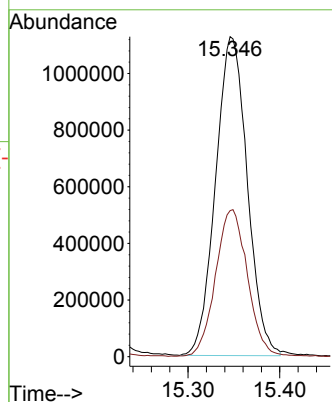
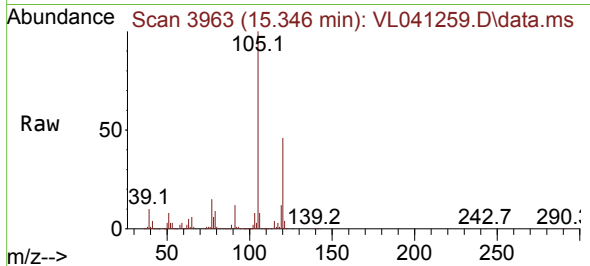




#73
 1,3,5-Trimethylbenzene
 Concen: 10.629 ppbv
 RT: 15.346 min Scan# 3965
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

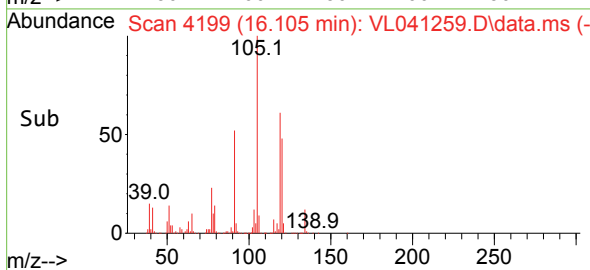
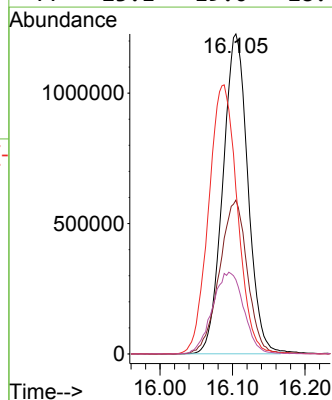
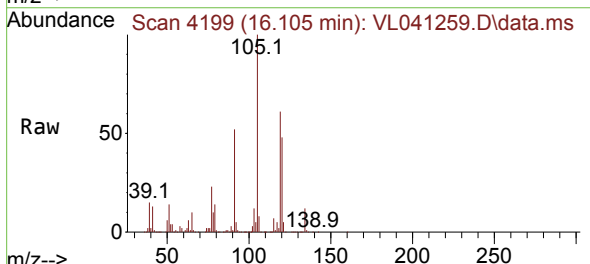
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

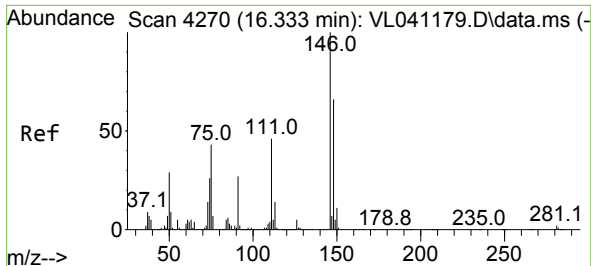
Tgt Ion:105 Resp: 2702099
 Ion Ratio Lower Upper
 105 100
 120 45.6 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 10.578 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Tgt Ion:105 Resp: 2936870
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.8 56.6
 91 51.3 44.3 66.5
 77 23.1 19.0 28.4

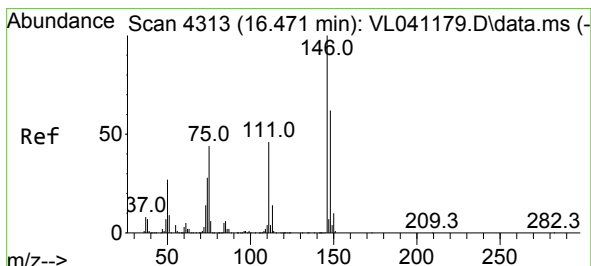
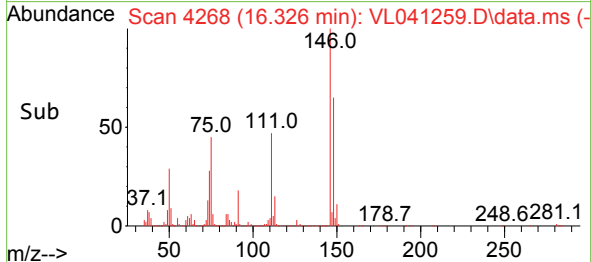
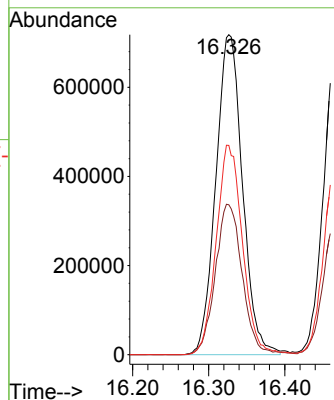
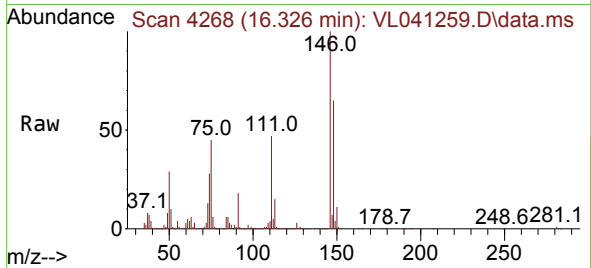




#75
1,3-Dichlorobenzene
Concen: 10.998 ppbv
RT: 16.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

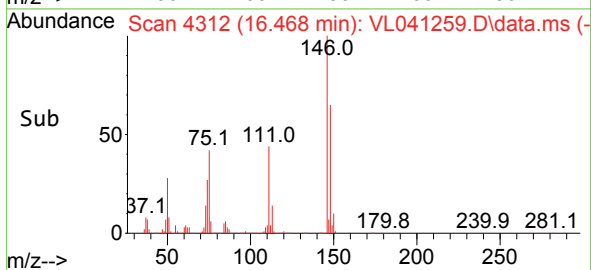
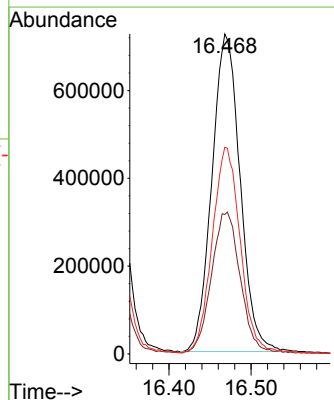
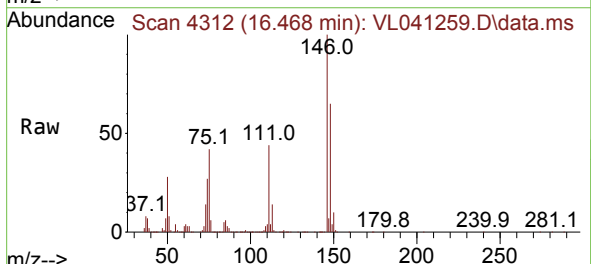
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

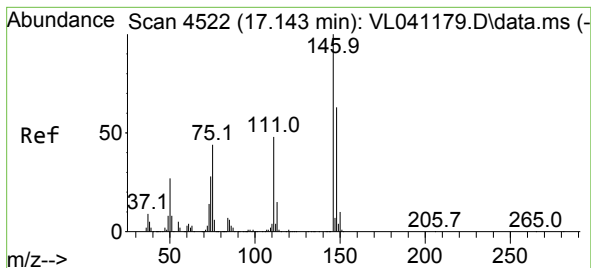
Tgt Ion:146 Resp: 1750826
Ion Ratio Lower Upper
146 100
111 47.5 23.7 71.1
148 64.5 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 11.256 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.000 min
Lab File: VL041259.D
Acq: 21 May 2024 10:47

Tgt Ion:146 Resp: 1723278
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.8
148 65.4 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 10.790 ppbv

RT: 17.140 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

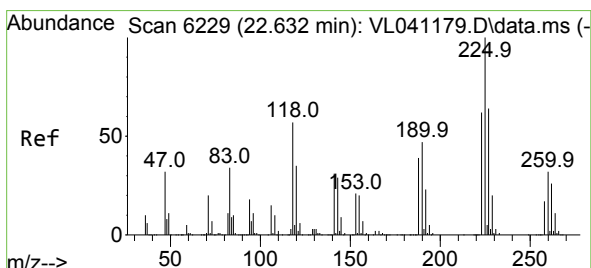
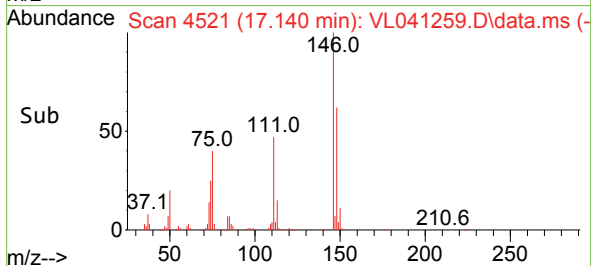
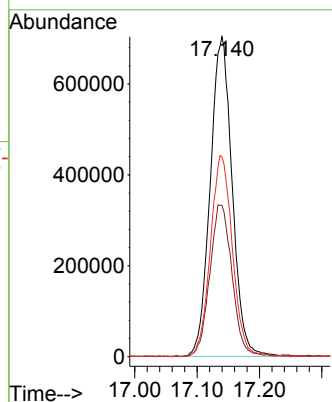
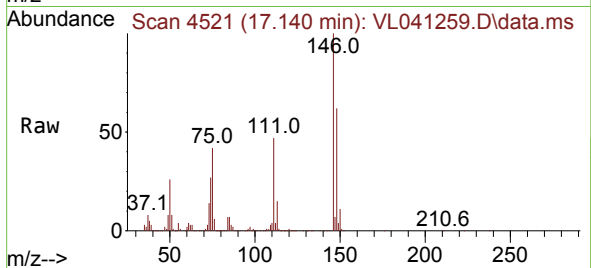
Tgt Ion:146 Resp: 1717108

Ion Ratio Lower Upper

146 100

111 48.3 24.5 73.5

148 63.0 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.513 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

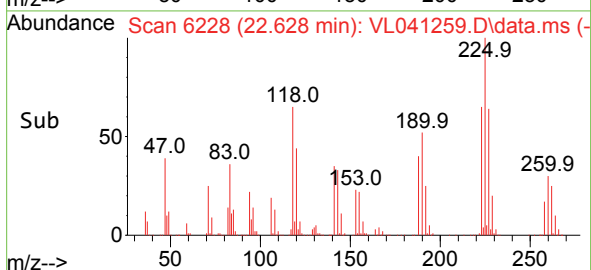
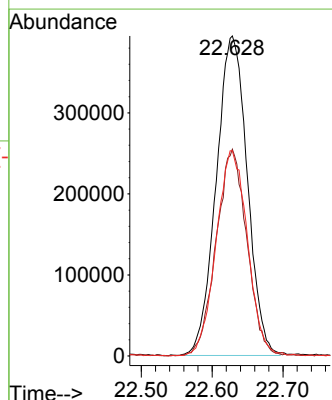
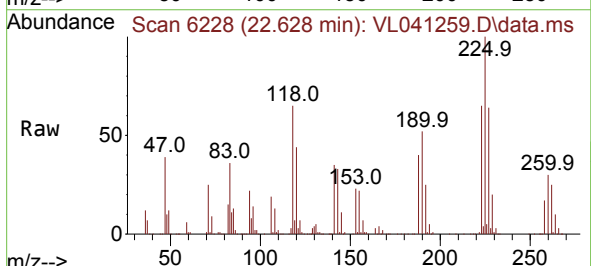
Tgt Ion:225 Resp: 1204036

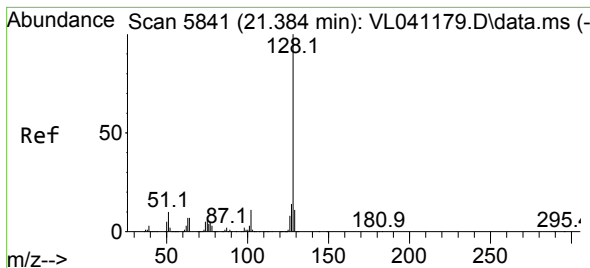
Ion Ratio Lower Upper

225 100

223 64.3 50.9 76.3

227 64.8 52.0 78.0





#79

Naphthalene

Concen: 11.269 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

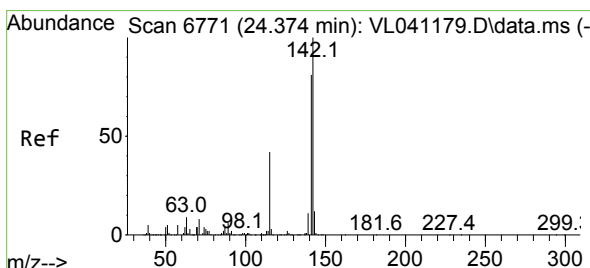
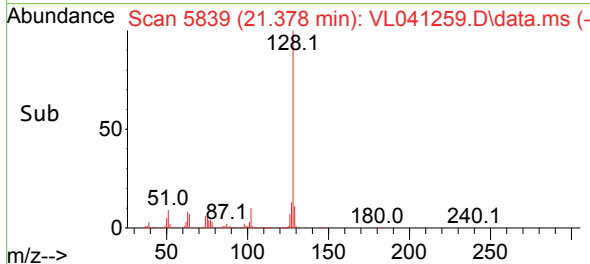
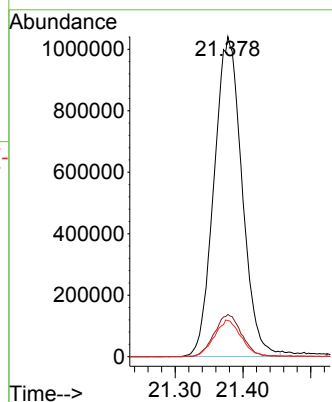
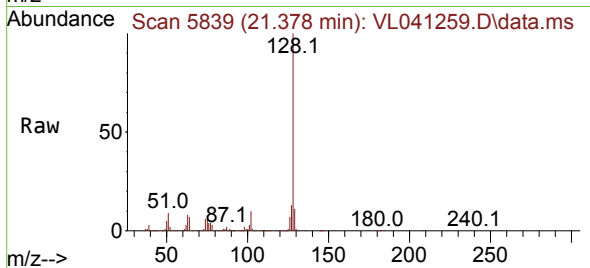
Tgt Ion:128 Resp: 2979251

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.3 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 9.430 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041259.D

Acq: 21 May 2024 10:47

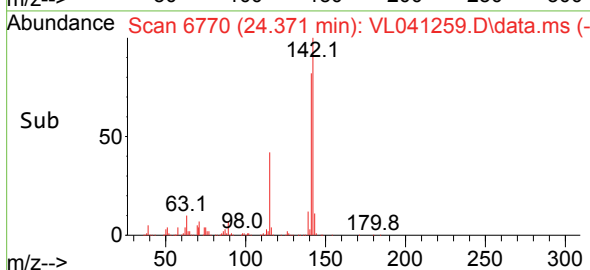
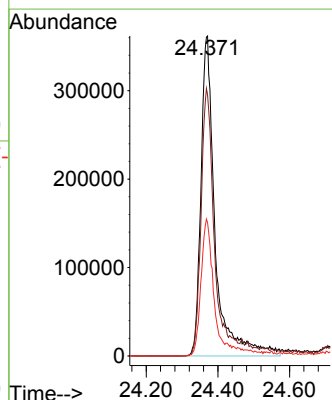
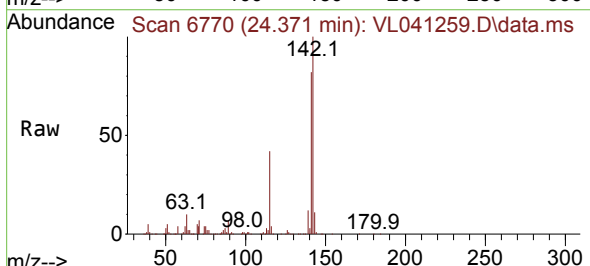
Tgt Ion:142 Resp: 1003017

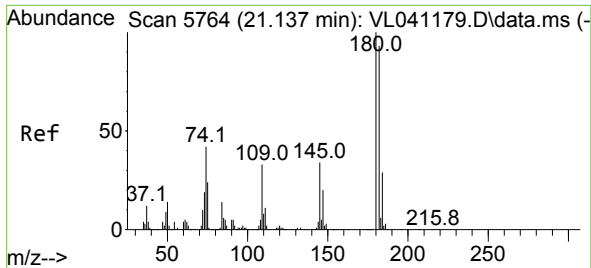
Ion Ratio Lower Upper

142 100

141 80.8 67.9 101.9

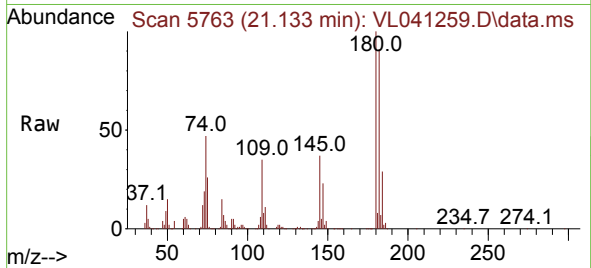
115 40.9 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.150 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041259.D
 Acq: 21 May 2024 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1416946

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.2	115.8
184	31.3	24.6	36.8

