

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041150.D
 Acq On : 8 Apr 2024 15:57
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Apr 09 01:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1306451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3498254	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	4102464	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2647449	8.025	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1949294	8.723	ppbv	100
3) Chlorodifluoromethane	2.678	51	1677435	8.336	ppbv	98
4) Chloromethane	2.813	50	717628	9.424	ppbv	99
5) Vinyl Chloride	2.922	62	743127	10.103	ppbv	98
6) Bromomethane	3.121	94	453429	16.376	ppbv	90
7) Chloroethane	3.195	64	260388	9.646	ppbv	98
8) Dichlorotetrafluoroethane	2.858	85	1760054	9.233	ppbv	97
9) Propene	2.694	41	643740	10.057	ppbv	94
10) Heptane	7.571	43	1552910	10.218	ppbv	98
11) Trichlorofluoromethane	3.562	101	1840396	9.082	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1331292	9.076	ppbv	99
13) Ethanol	3.237	45	185446	12.180	ppbv	98
14) Bromoethene	3.366	108	562492	9.736	ppbv	100
15) Acetone	3.465	43	1495749	10.574	ppbv	98
16) 1,3-Butadiene	2.983	39	695719	10.019	ppbv	99
17) tert-Butyl alcohol	3.874	59	1379741	10.770	ppbv	99
18) 1,1-Dichloroethene	3.877	96	574296	9.171	ppbv	95
19) Isopropyl Alcohol	3.571	45	948914	11.042	ppbv #	96
20) Methylene Chloride	3.932	84	498066	8.537	ppbv	99
21) Allyl Chloride	3.993	41	935588	10.854	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	617898	9.412	ppbv	97
23) Vinyl Acetate	4.620	43	1585466	10.971	ppbv	98
24) 1,1-Dichloroethane	4.559	63	1258394	9.570	ppbv	100
25) Ethyl Acetate	5.198	43	2626851	9.888	ppbv	99
26) Hexane	5.208	57	1163538	9.761	ppbv	99
27) Carbon Disulfide	4.121	76	1424686	9.754	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	885018	9.838	ppbv	99
29) Chloroform	5.269	83	1901091	9.461	ppbv	97
30) Cyclohexane	6.597	84	994813	10.245	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1162110	10.299	ppbv	99
32) 1,1,1-Trichloroethane	5.996	97	1869429	10.064	ppbv	99
34) 2-Butanone	4.780	43	1519213	10.263	ppbv	100
35) Carbon Tetrachloride	6.484	117	1943541	9.758	ppbv	99
36) Benzene	6.365	78	2470651	9.617	ppbv	98
37) 1,2-Dichloroethane	5.800	62	1446323	9.377	ppbv	99
38) Trichloroethene	7.282	130	996536	10.737	ppbv	92
39) 1,2-Dichloropropane	7.066	63	962397	9.501	ppbv	98
40) 1,4-Dioxane	7.275	88	382201	10.827	ppbv	74
41) Tetrahydrofuran	5.552	42	1023981	10.389	ppbv	99
42) Bromodichloromethane	7.243	83	2115294	9.599	ppbv	97
43) Methyl Methacrylate	7.465	69	1027932	10.505	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	4078831	9.591	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	1184569	20.542	ppbv	98

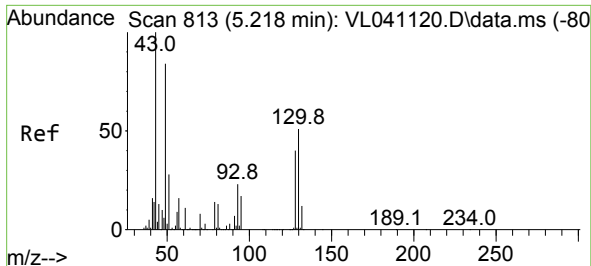
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041150.D
 Acq On : 8 Apr 2024 15:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Apr 09 01:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1494650	20.033	ppbv	96
47) 1,1,2-Trichloroethane	8.893	97	1049891	9.590	ppbv	98
48) Dibromochloromethane	9.703	129	1798525	10.349	ppbv	99
49) Bromoform	12.397	173	1411854	10.255	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2742636	10.528	ppbv	98
51) 2-Hexanone	9.539	43	2272159	12.580	ppbv #	99
52) Tetrachloroethene	10.606	164	854455	10.425	ppbv	95
53) Toluene	9.211	91	2868009	10.603	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1630571	11.943	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1302133	7.723	ppbv	98
57) Chlorobenzene	11.516	112	2210208	7.870	ppbv	96
58) Ethyl Benzene	12.079	91	3800871	8.463	ppbv	98
59) m/p-Xylene	12.359	91	3926574	9.680	ppbv #	53
60) o-Xylene	13.050	91	3108583	8.088	ppbv	99
61) Styrene	12.886	104	1636183	9.607	ppbv	99
62) Isopropylbenzene	14.018	105	4485735	7.840	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	2341482	7.754	ppbv	99
64) n-propylbenzene	14.905	120	1188620	8.278	ppbv	96
65) tert-Butylbenzene	16.079	119	4107514	8.223	ppbv	98
66) Benzyl Chloride	16.317	91	685077	20.845	ppbv	99
67) sec-Butylbenzene	16.626	105	5806320	8.045	ppbv	100
69) p-Isopropyltoluene	16.982	119	4791672	8.514	ppbv	98
70) n-Butylbenzene	17.876	91	5137353	8.403	ppbv	99
71) 2-Chlorotoluene	14.790	91	3479441	7.928	ppbv	98
72) 4-Ethyltoluene	15.182	105	3655187	8.515	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3161988	8.352	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3485092	8.043	ppbv	94
75) 1,3-Dichlorobenzene	16.320	146	2036225	8.049	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1976872	8.034	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1990443	8.103	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1313252	8.041	ppbv	99
79) Naphthalene	21.375	128	3268537	11.759	ppbv	100
80) Naphthalene,2-methyl-	24.365	142	982629	18.147	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1479272	9.493	ppbv	99

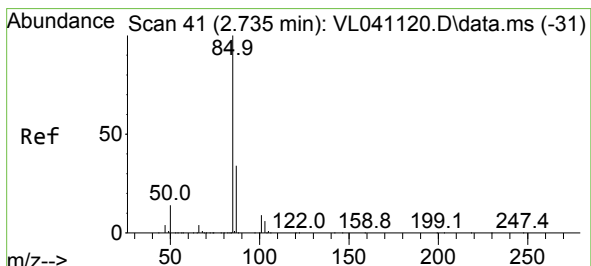
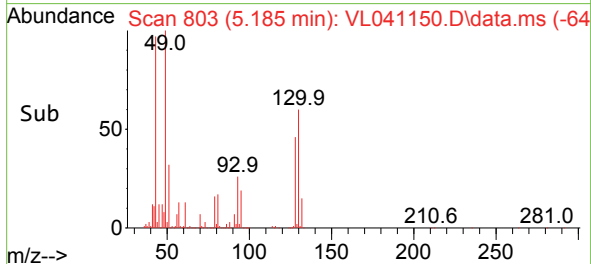
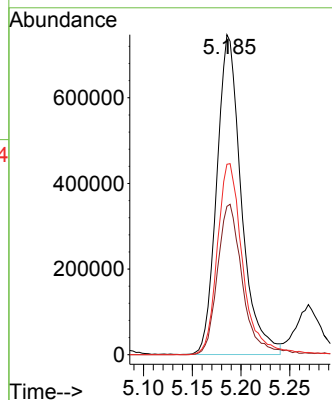
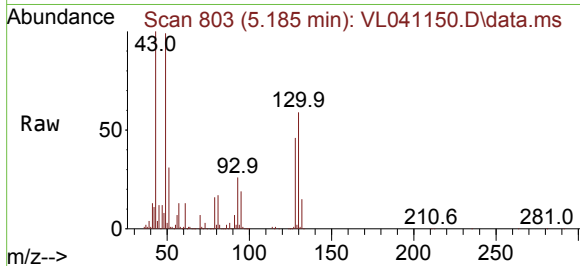
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

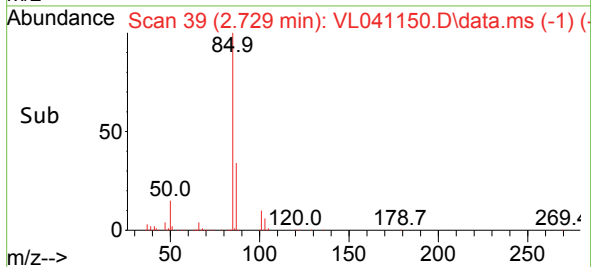
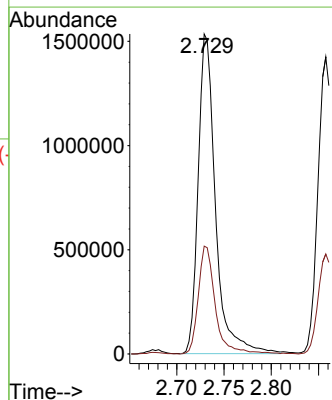
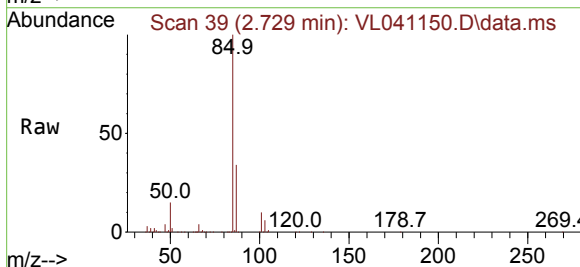
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

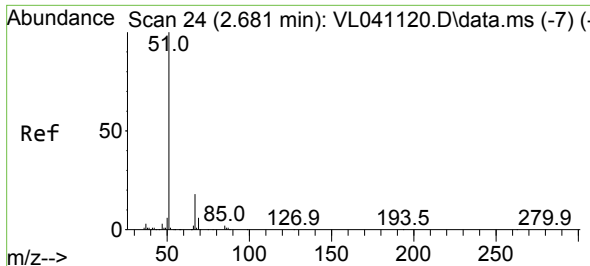
Tgt Ion: 49 Resp: 1306451
Ion Ratio Lower Upper
49 100
128 49.0 23.6 71.0
130 62.3 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 8.723 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 85 Resp: 1949294
Ion Ratio Lower Upper
85 100
87 33.7 27.0 40.6

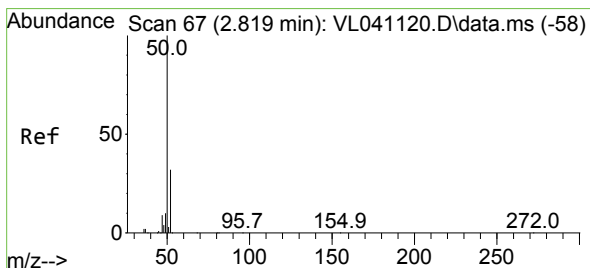
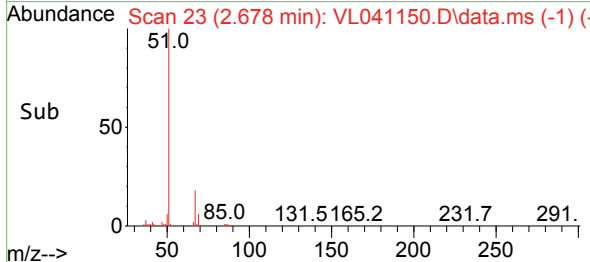
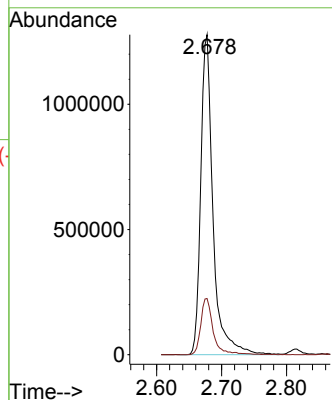
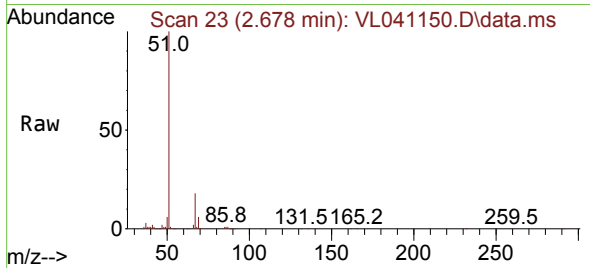




#3
Chlorodifluoromethane
Concen: 8.336 ppbv
RT: 2.678 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

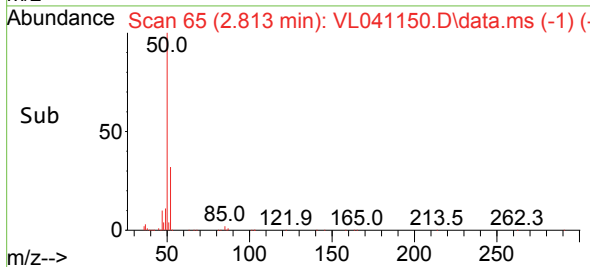
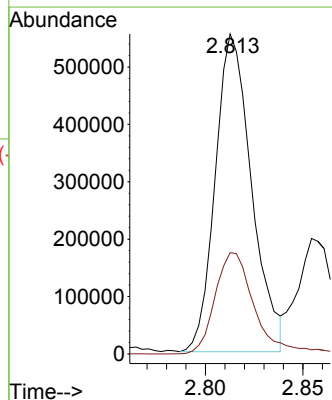
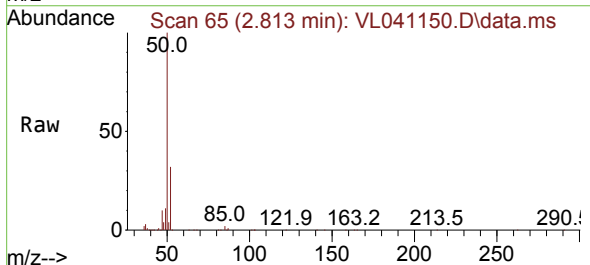
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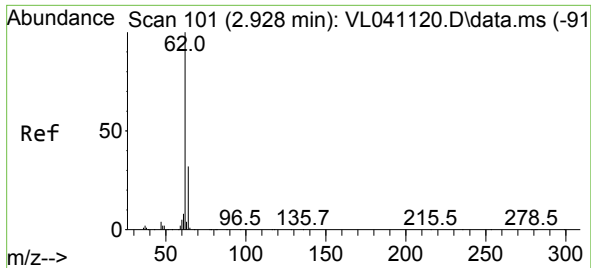
Tgt Ion: 51 Resp: 1677435
Ion Ratio Lower Upper
51 100
67 17.8 14.9 22.3



#4
Chloromethane
Concen: 9.424 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 50 Resp: 717628
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0

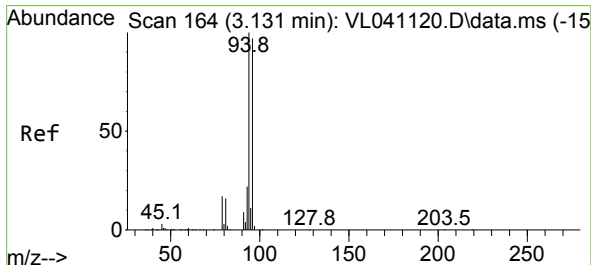
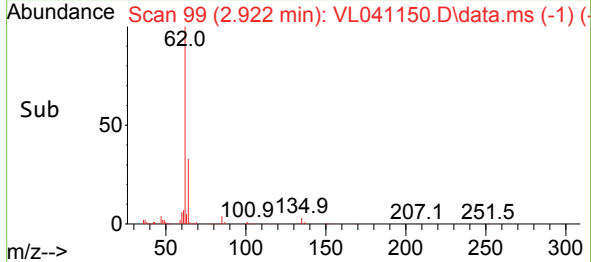
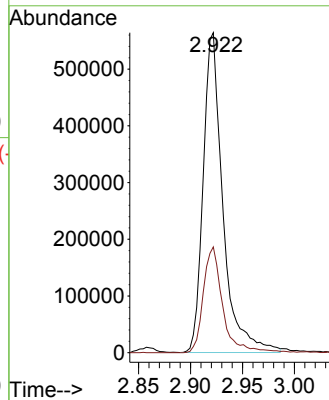
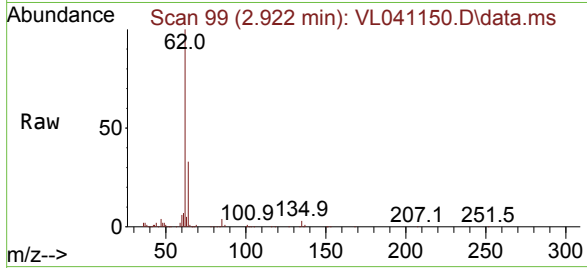




#5
 Vinyl Chloride
 Concen: 10.103 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.013 min
 Lab File: VL041150.D
 Acq: 8 Apr 2024 15:57

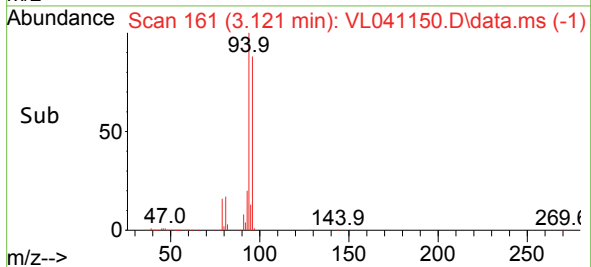
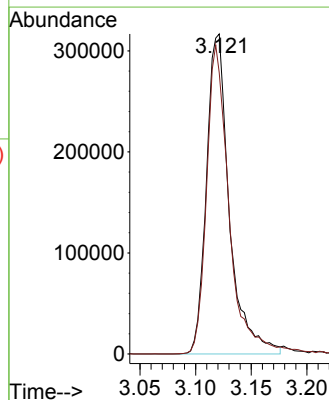
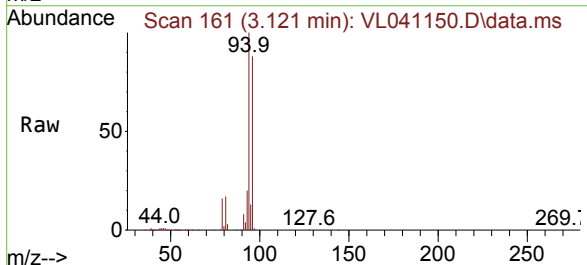
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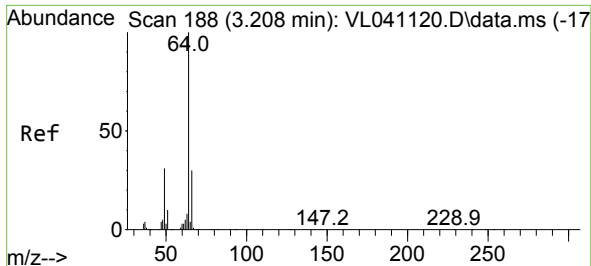
Tgt Ion: 62 Resp: 743127
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.6 38.4



#6
 Bromomethane
 Concen: 16.376 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.016 min
 Lab File: VL041150.D
 Acq: 8 Apr 2024 15:57

Tgt Ion: 94 Resp: 453429
 Ion Ratio Lower Upper
 94 100
 96 87.7 77.9 116.9

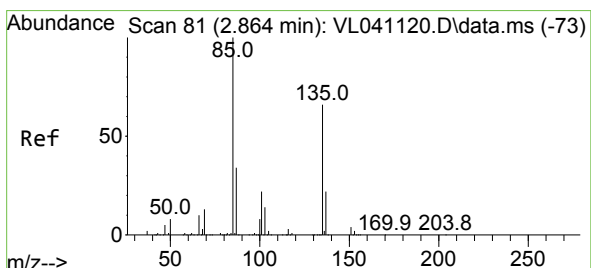
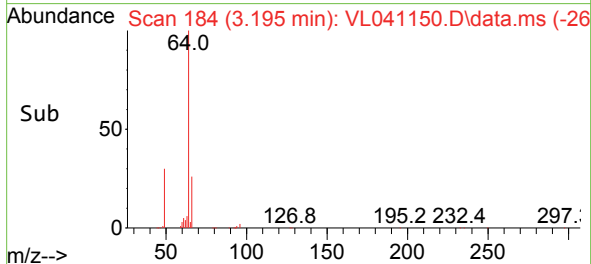
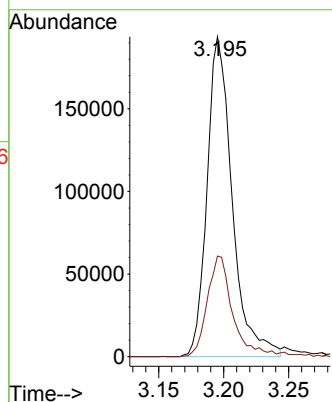
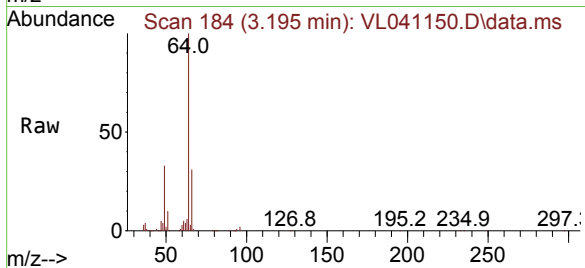




#7
Chloroethane
Concen: 9.646 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

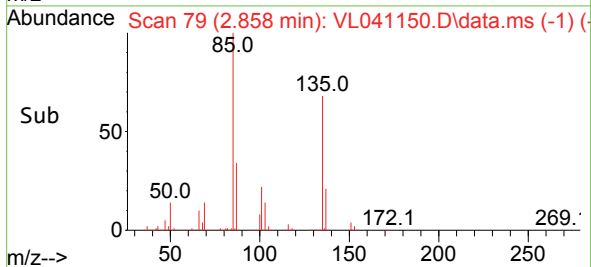
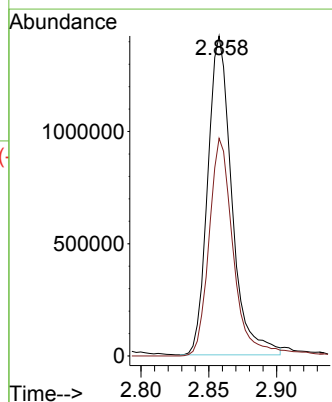
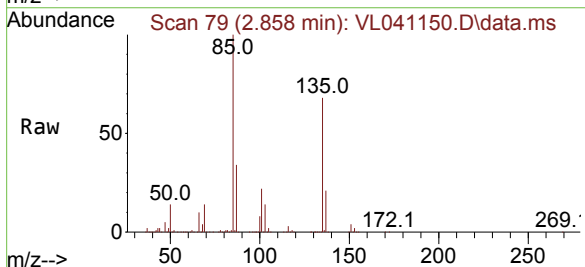
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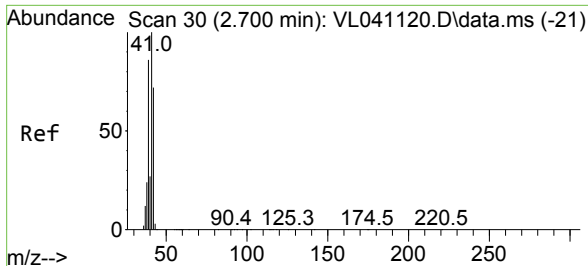
Tgt Ion: 64 Resp: 260388
Ion Ratio Lower Upper
64 100
66 31.5 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 9.233 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 85 Resp: 1760054
Ion Ratio Lower Upper
85 100
135 70.4 54.2 81.2

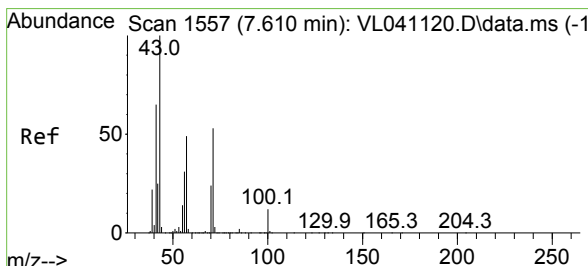
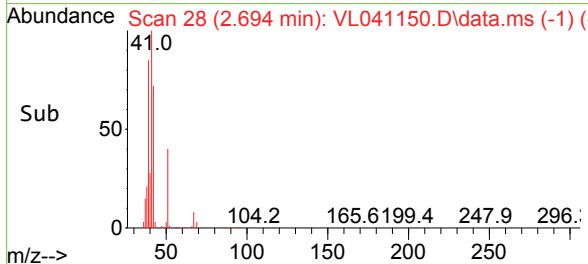
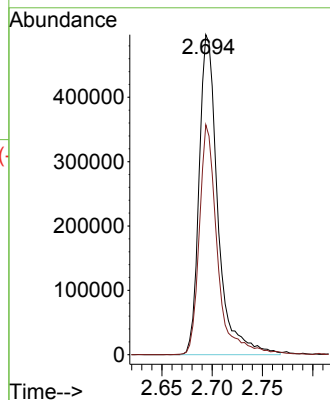
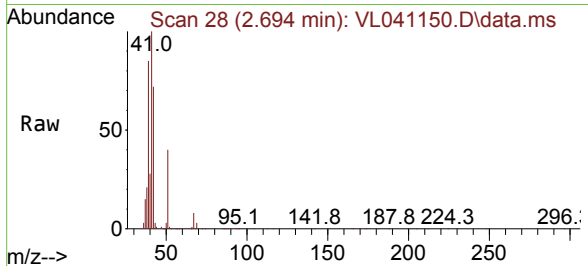




#9
Propene
Concen: 10.057 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

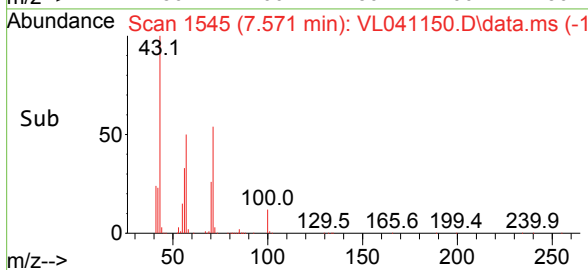
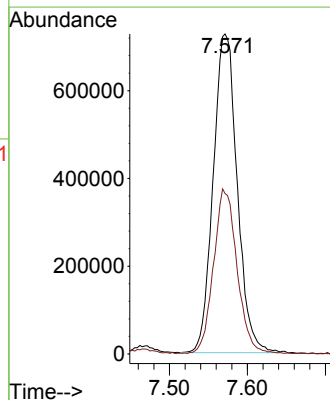
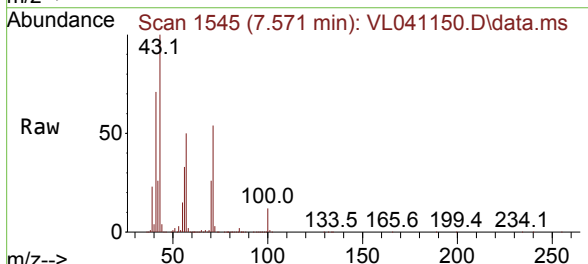
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

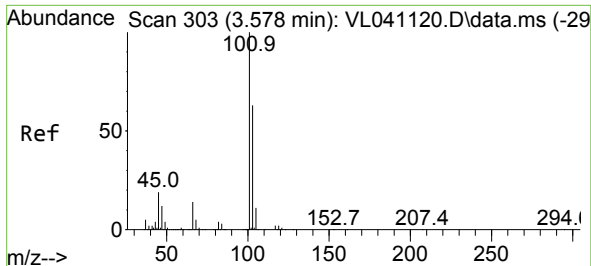
Tgt Ion: 41 Resp: 643740
Ion Ratio Lower Upper
41 100
42 70.1 60.1 90.1



#10
Heptane
Concen: 10.218 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 43 Resp: 1552910
Ion Ratio Lower Upper
43 100
57 50.9 39.9 59.9

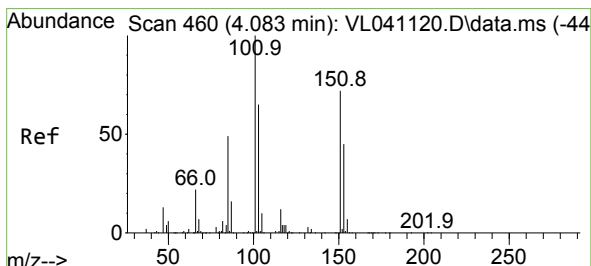
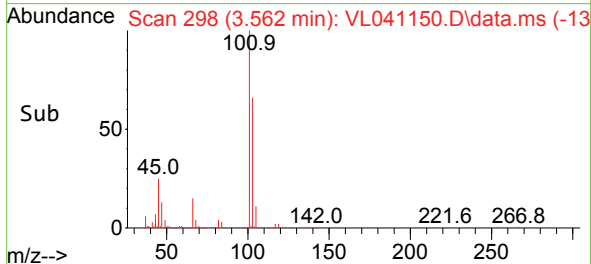
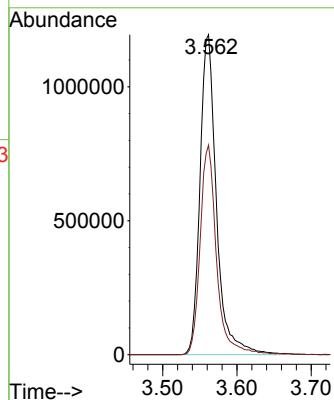
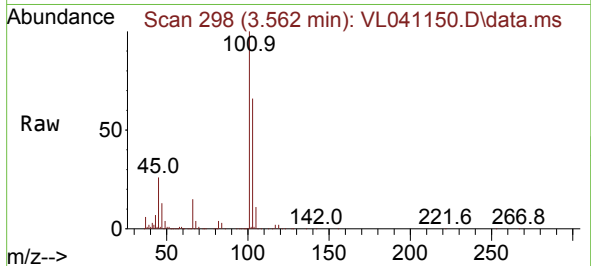




#11
Trichlorofluoromethane
Concen: 9.082 ppbv
RT: 3.562 min Scan# 29
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

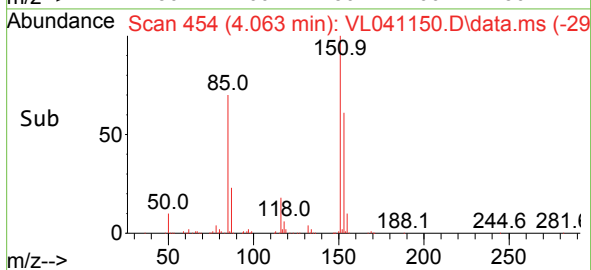
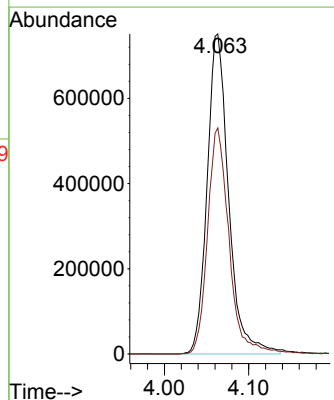
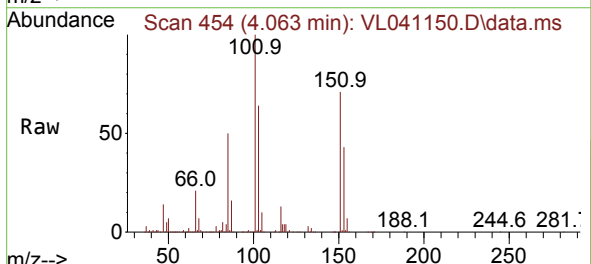
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

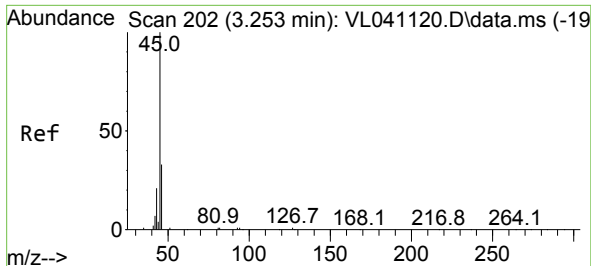
Tgt Ion:101 Resp: 1840396
Ion Ratio Lower Upper
101 100
103 65.5 50.6 75.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.076 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion:101 Resp: 1331292
Ion Ratio Lower Upper
101 100
151 70.8 56.2 84.4

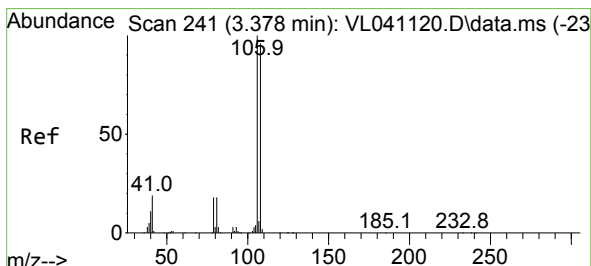
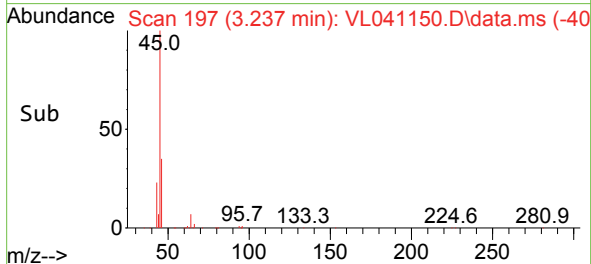
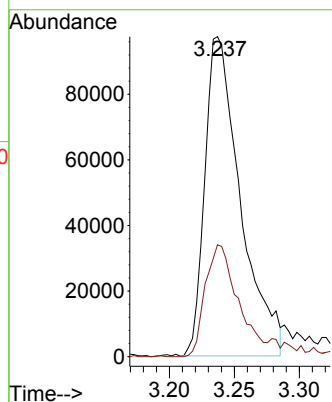
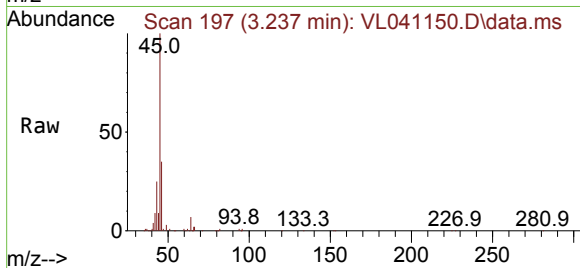




#13
Ethanol
Concen: 12.180 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

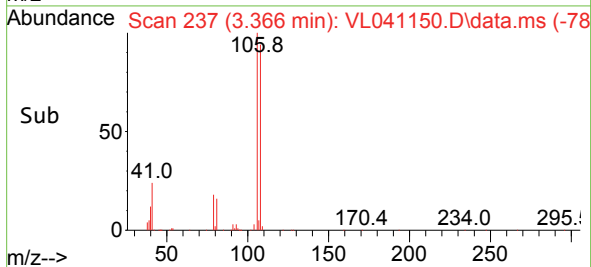
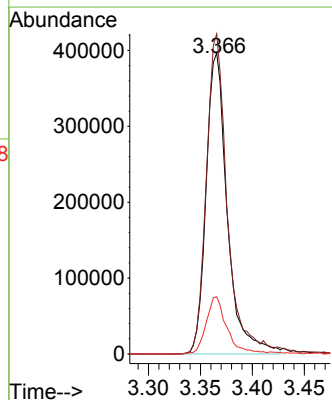
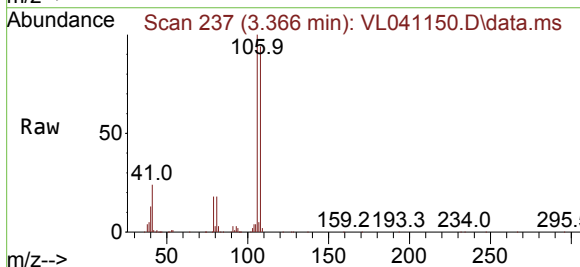
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

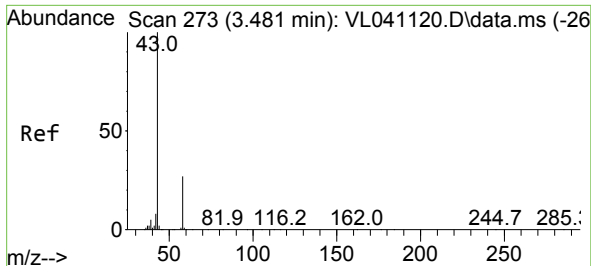
Tgt Ion: 45 Resp: 185446
Ion Ratio Lower Upper
45 100
46 36.2 15.0 59.8



#14
Bromoethene
Concen: 9.736 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion:108 Resp: 562492
Ion Ratio Lower Upper
108 100
106 107.5 86.0 129.0
79 19.1 15.4 23.2





#15

Acetone

Concen: 10.574 ppbv

RT: 3.465 min Scan# 2

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

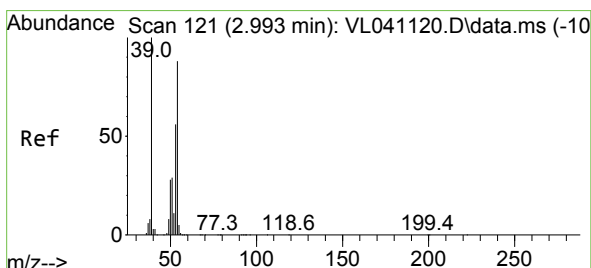
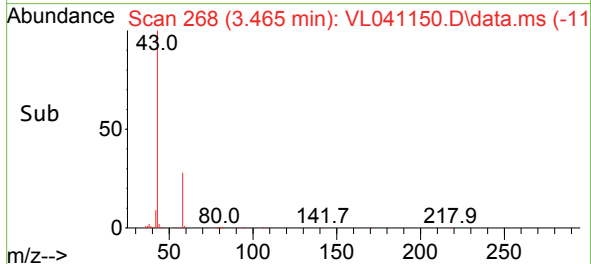
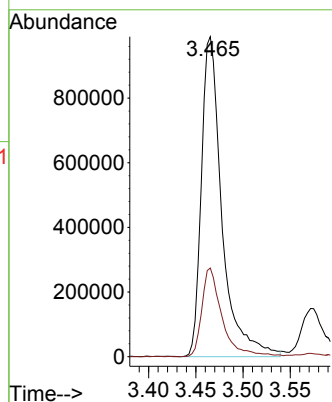
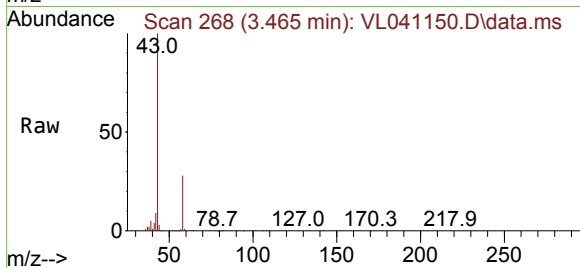
VSTDCCC010EC

Tgt Ion: 43 Resp: 1495749

Ion Ratio Lower Upper

43 100

58 27.2 21.1 31.7



#16

1,3-Butadiene

Concen: 10.019 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.010 min

Lab File: VL041150.D

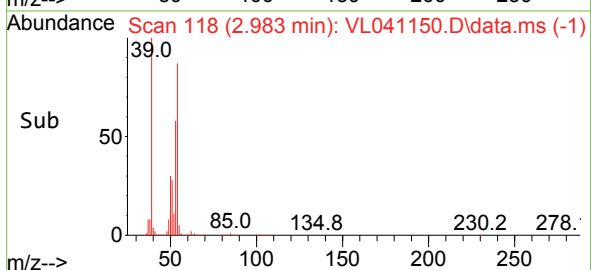
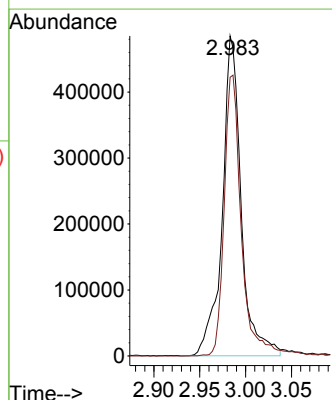
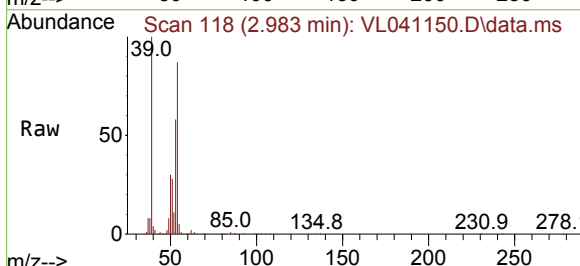
Acq: 8 Apr 2024 15:57

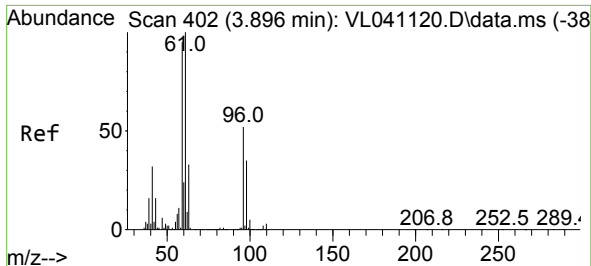
Tgt Ion: 39 Resp: 695719

Ion Ratio Lower Upper

39 100

54 80.7 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.770 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

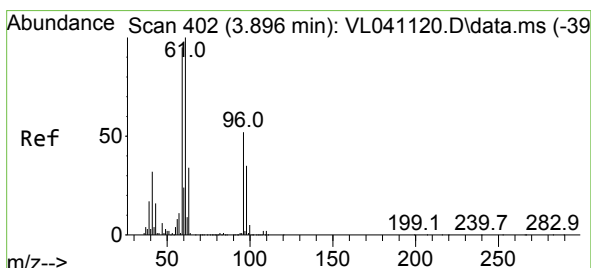
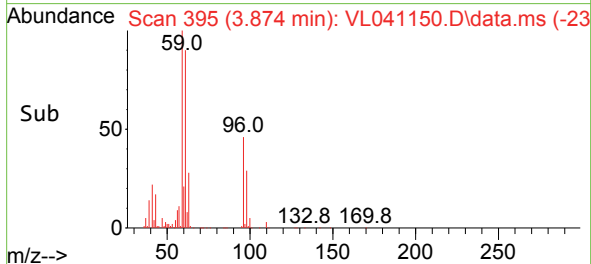
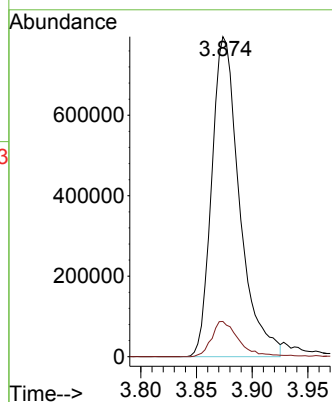
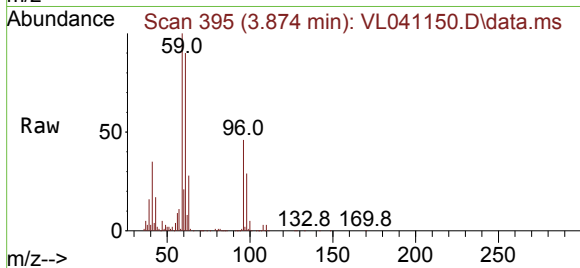
VSTDCCC010EC

Tgt Ion: 59 Resp: 1379741

Ion Ratio Lower Upper

59 100

57 11.1 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.171 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

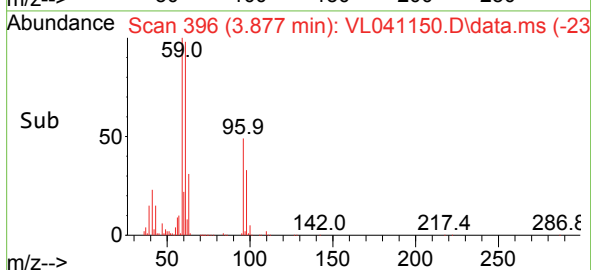
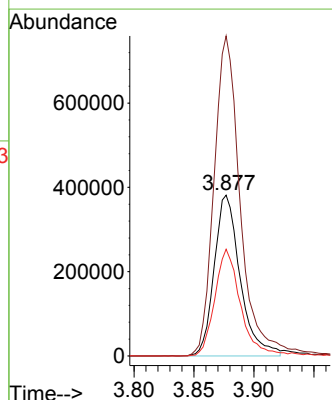
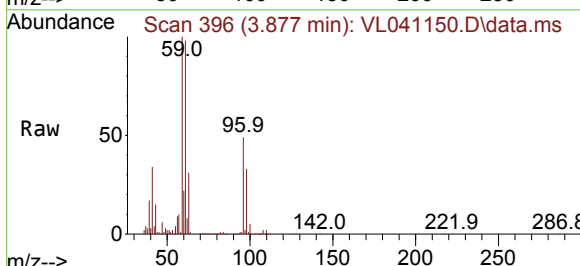
Tgt Ion: 96 Resp: 574296

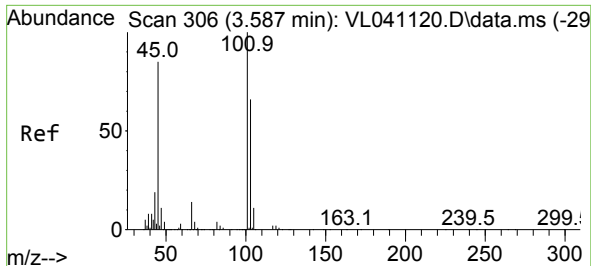
Ion Ratio Lower Upper

96 100

61 199.0 152.6 228.8

98 66.4 54.0 81.0





#19

Isopropyl Alcohol

Concen: 11.042 ppbv

RT: 3.571 min Scan# 306

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

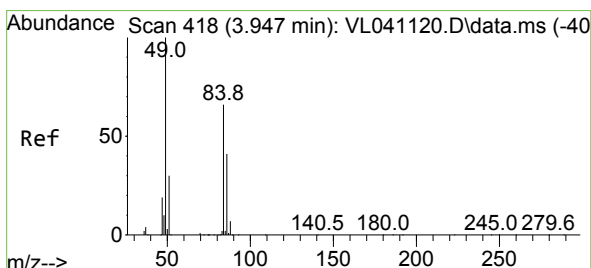
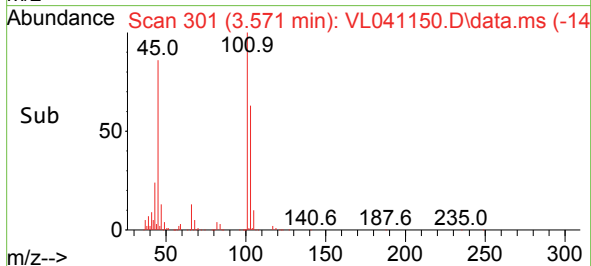
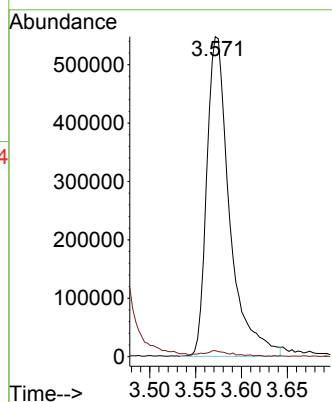
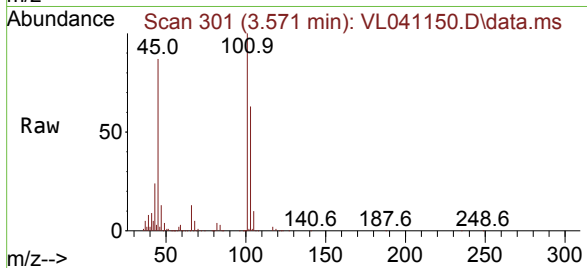
VSTDCCC010EC

Tgt Ion: 45 Resp: 948914

Ion Ratio Lower Upper

45 100

58 2.1 2.8 4.2#



#20

Methylene Chloride

Concen: 8.537 ppbv

RT: 3.932 min Scan# 413

Delta R.T. 0.013 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Tgt Ion: 84 Resp: 498066

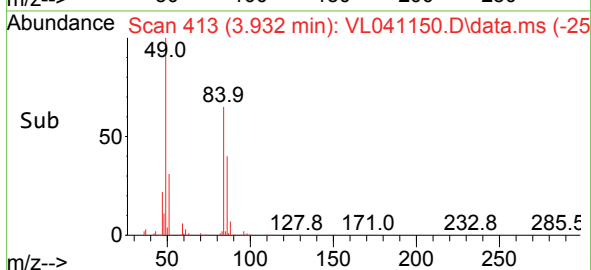
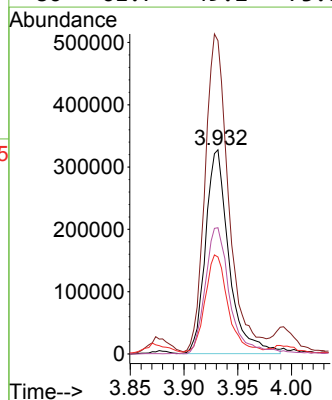
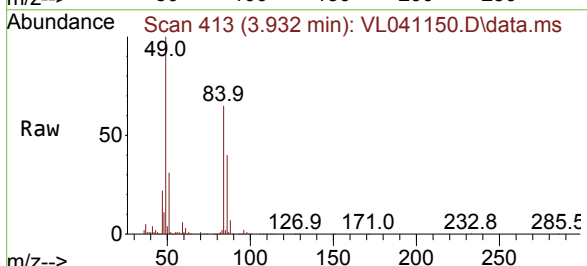
Ion Ratio Lower Upper

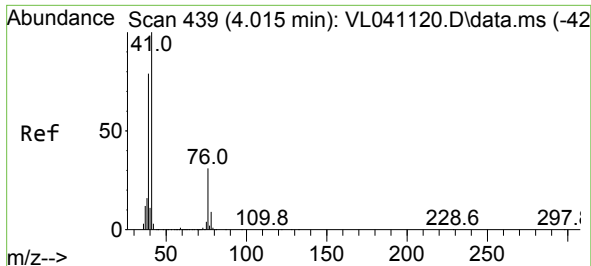
84 100

49 151.9 120.7 181.1

51 46.4 36.6 54.8

86 61.7 49.2 73.8





#21

Allyl Chloride

Concen: 10.854 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

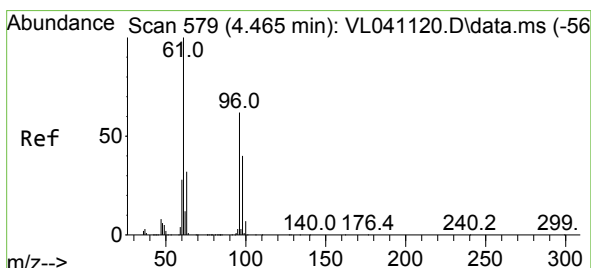
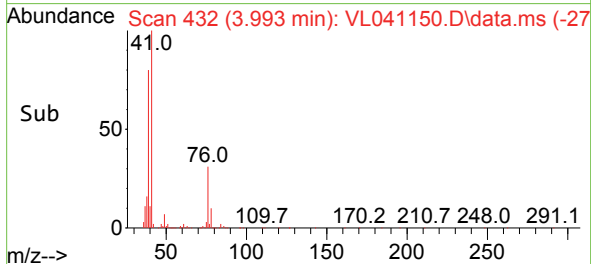
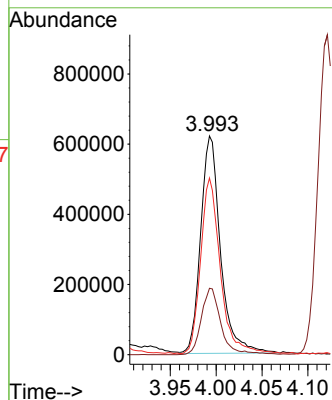
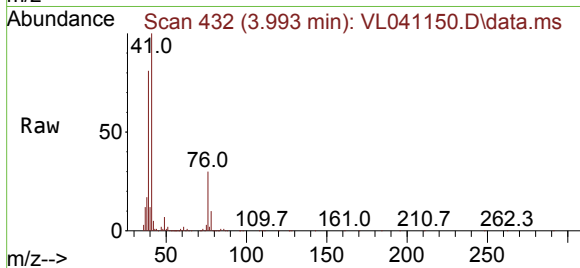
Tgt Ion: 41 Resp: 935588

Ion Ratio Lower Upper

41 100

76 30.3 25.7 38.5

39 80.5 65.7 98.5



#22

trans-1,2-Dichloroethene

Concen: 9.412 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.013 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

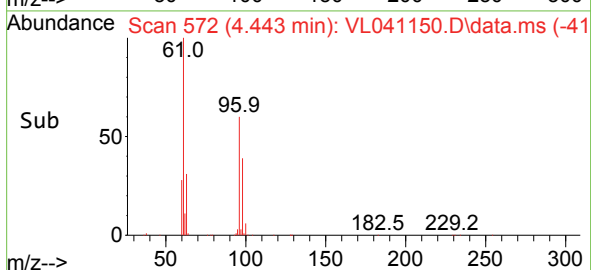
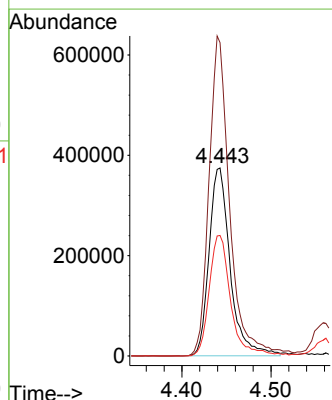
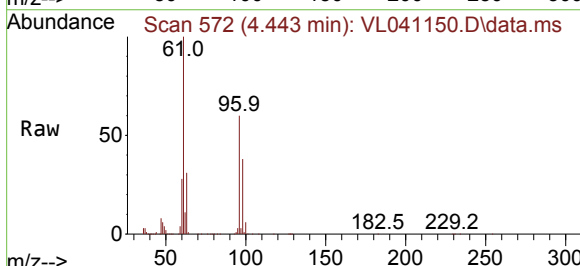
Tgt Ion: 96 Resp: 617898

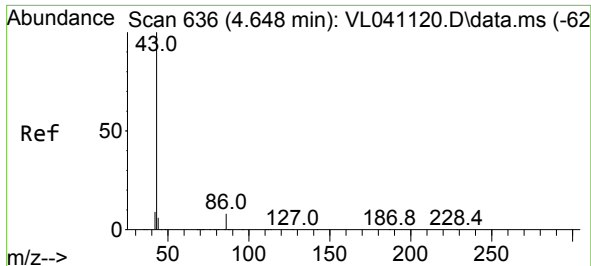
Ion Ratio Lower Upper

96 100

61 166.7 128.4 192.6

98 64.1 51.5 77.3



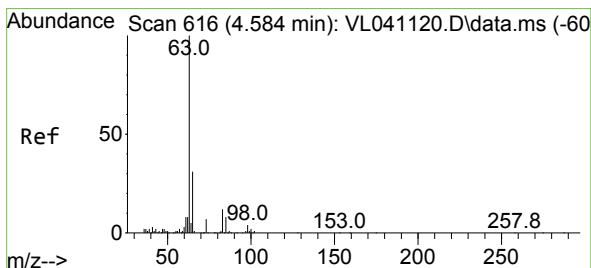
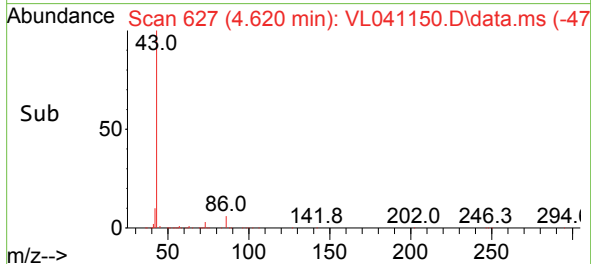
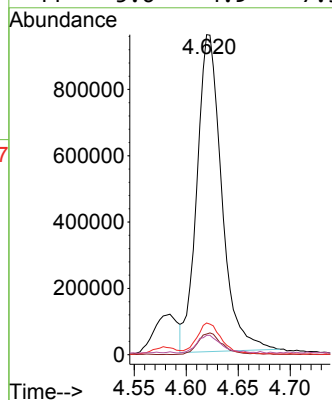
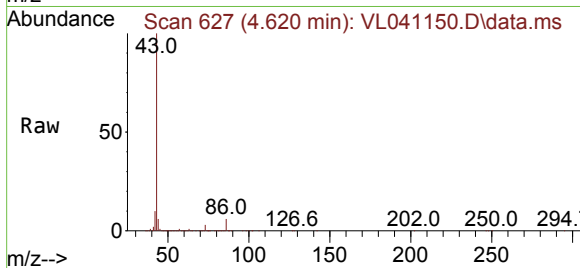


#23
Vinyl Acetate
Concen: 10.971 ppbv
RT: 4.620 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1585466

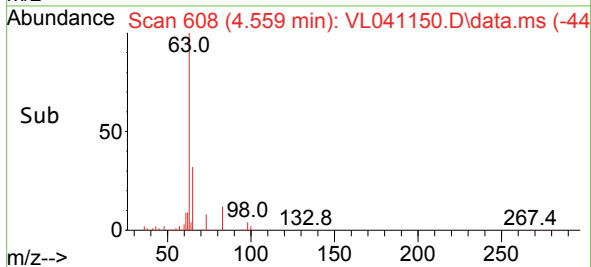
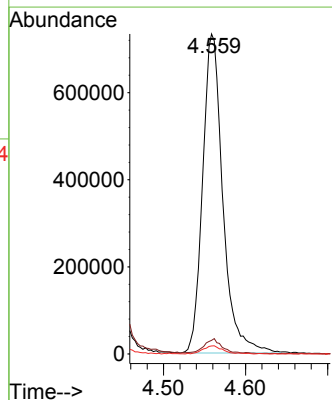
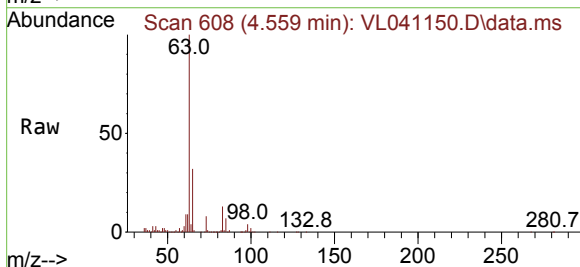
Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.2	9.4
42	9.8	7.7	11.5
44	5.6	4.9	7.3

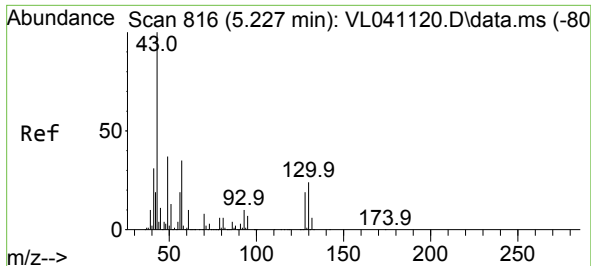


#24
1,1-Dichloroethane
Concen: 9.570 ppbv
RT: 4.559 min Scan# 608
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 63 Resp: 1258394

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.5	1.1	3.3



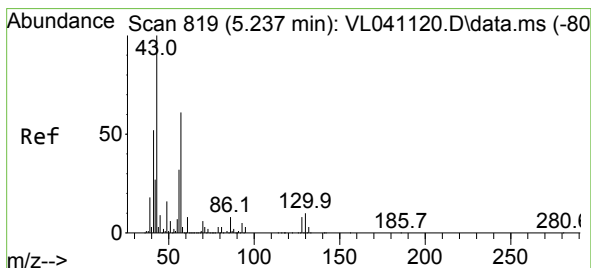
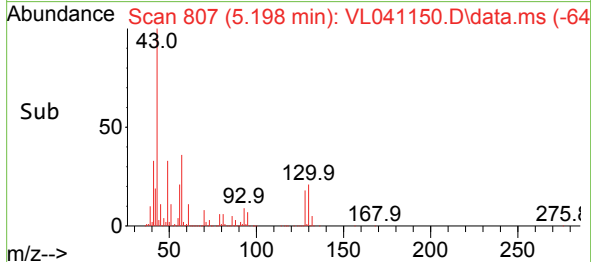
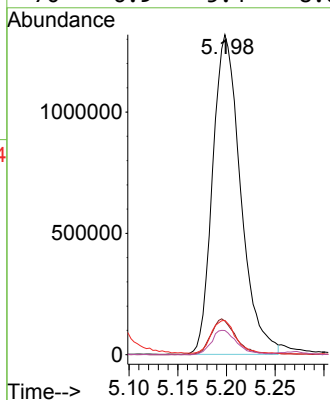
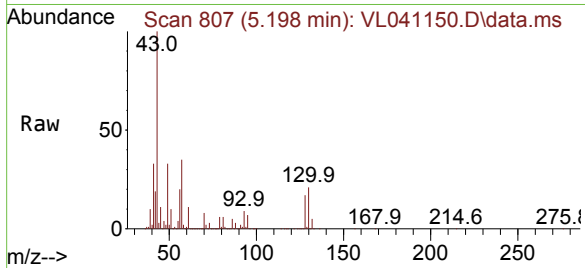


#25
Ethyl Acetate
Concen: 9.888 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2626851

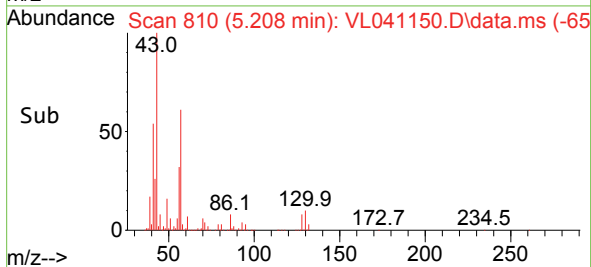
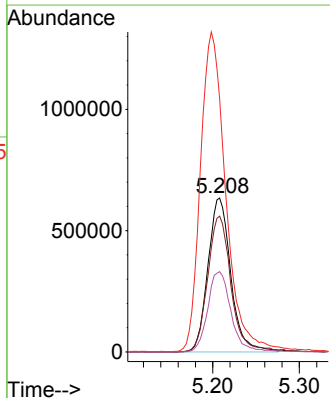
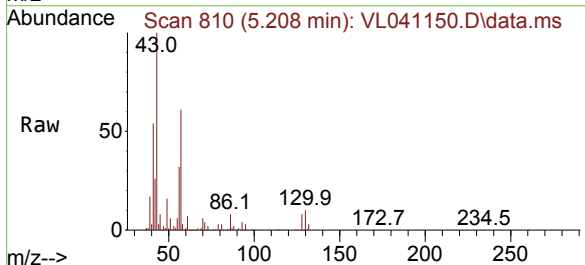
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.0	12.0
61	10.2	7.8	11.6
70	6.9	5.4	8.0

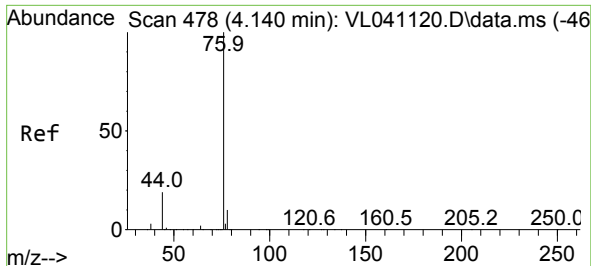


#26
Hexane
Concen: 9.761 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 57 Resp: 1163538

Ion	Ratio	Lower	Upper
57	100		
41	90.8	73.8	110.8
43	231.8	186.2	279.2
56	53.4	43.1	64.7



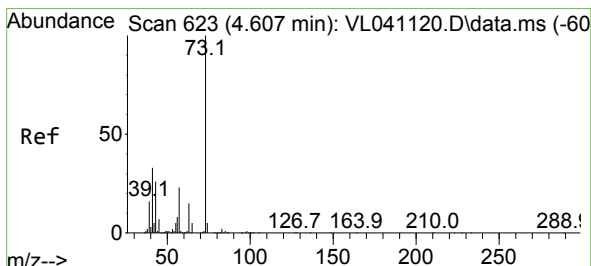
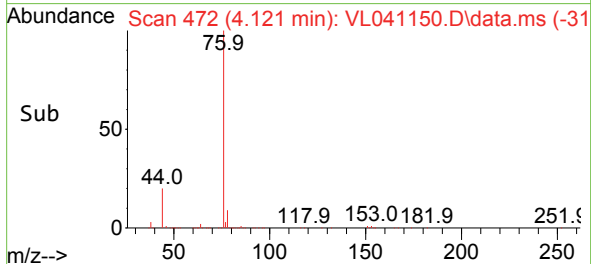
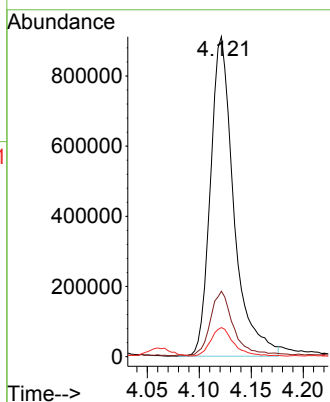
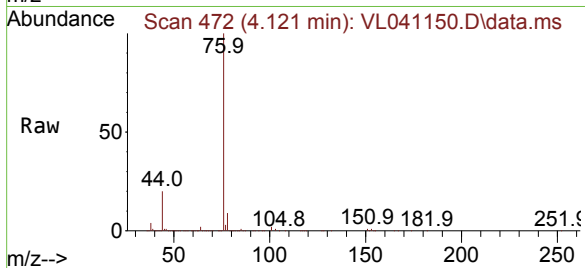


#27
Carbon Disulfide
Concen: 9.754 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1424686

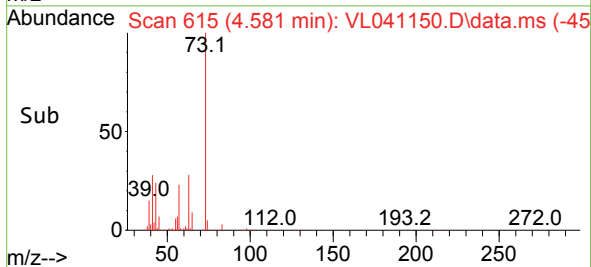
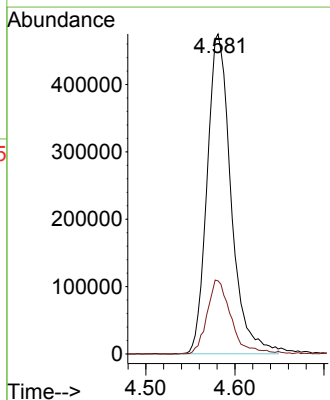
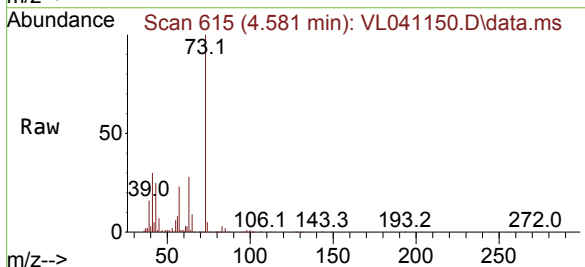
Ion	Ratio	Lower	Upper
76	100		
44	20.3	16.3	24.5
78	9.5	7.9	11.9

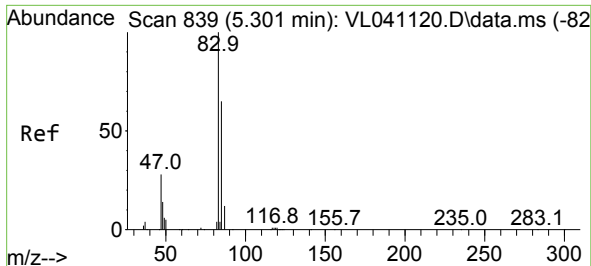


#28
Methyl tert-Butyl Ether
Concen: 9.838 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 73 Resp: 885018

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.6	27.8





#29

Chloroform

Concen: 9.461 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

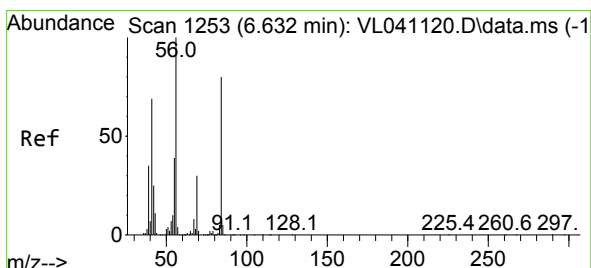
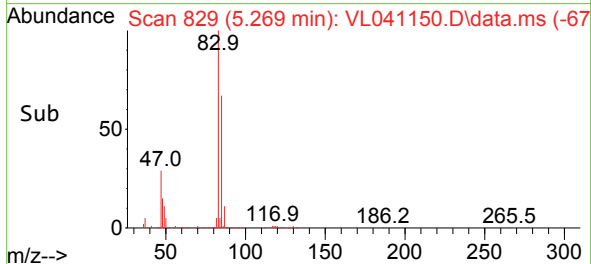
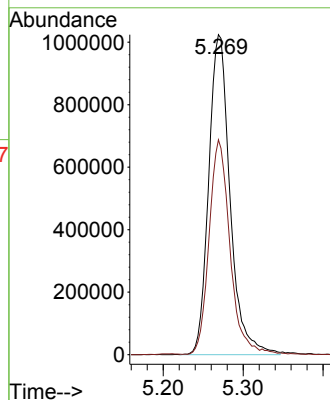
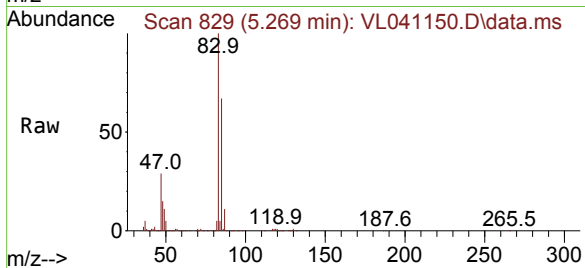
VSTDCCC010EC

Tgt Ion: 83 Resp: 1901091

Ion Ratio Lower Upper

83 100

85 67.0 51.5 77.3



#30

Cyclohexane

Concen: 10.245 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.013 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

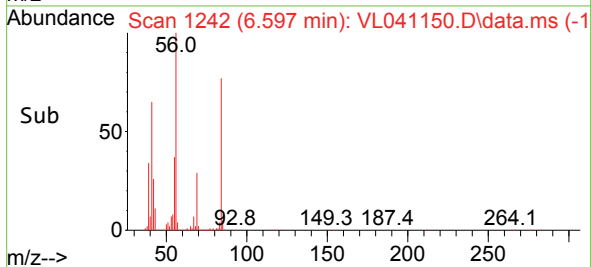
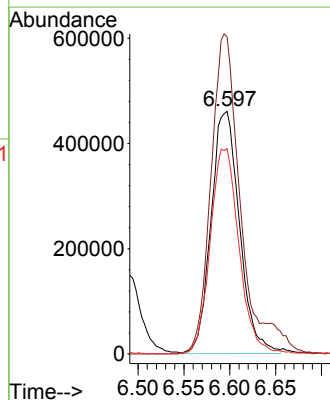
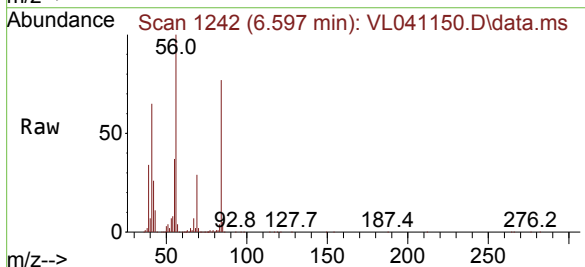
Tgt Ion: 84 Resp: 994813

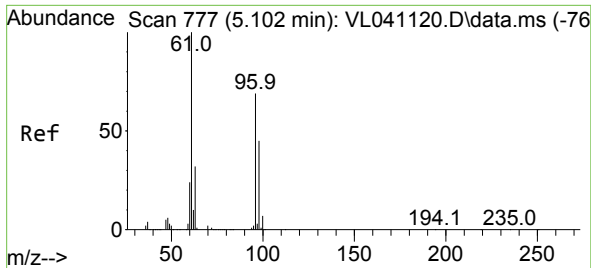
Ion Ratio Lower Upper

84 100

56 138.5 111.9 167.9

41 85.3 71.0 106.6

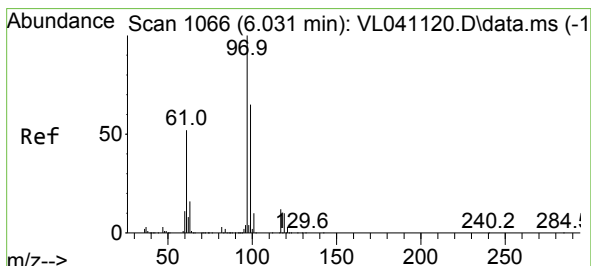
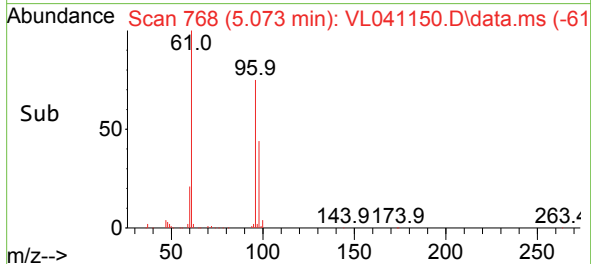
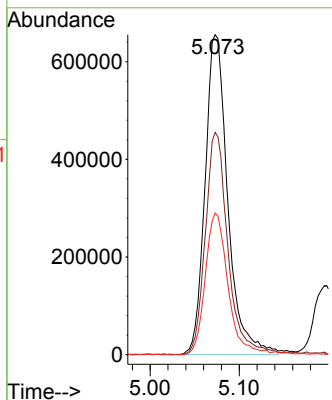
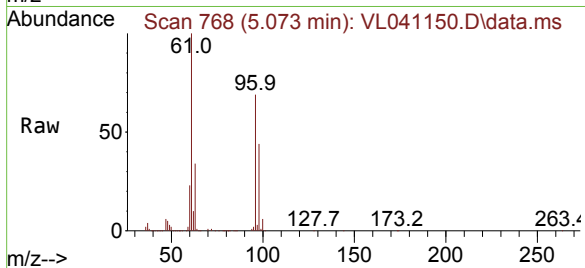




#31
cis-1,2-Dichloroethene
Concen: 10.299 ppbv
RT: 5.073 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

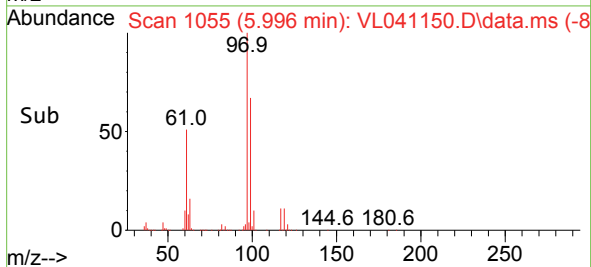
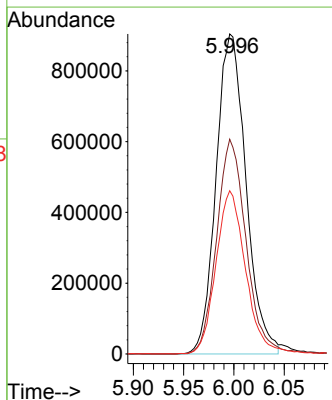
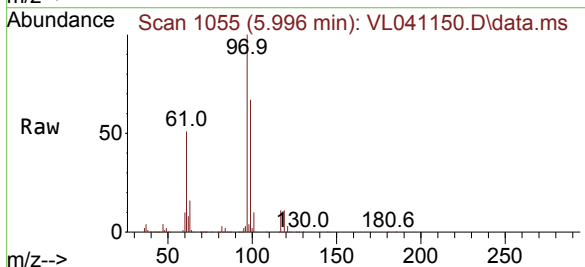
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

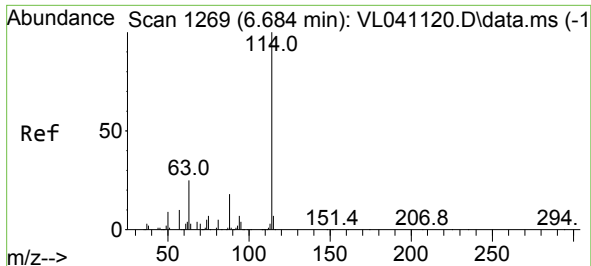
Tgt Ion: 61 Resp: 1162110
Ion Ratio Lower Upper
61 100
96 69.4 54.9 82.3
98 44.2 35.9 53.9



#32
1,1,1-Trichloroethane
Concen: 10.064 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 97 Resp: 1869429
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 51.1 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

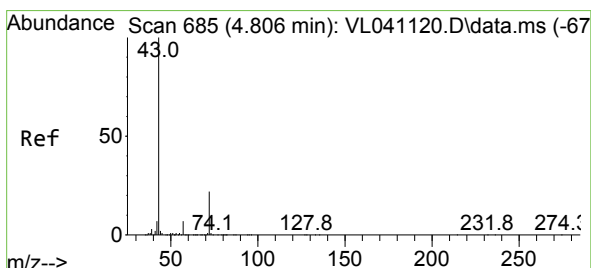
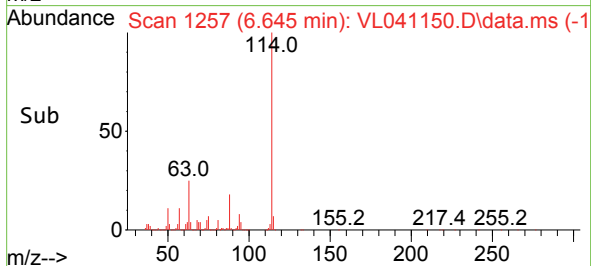
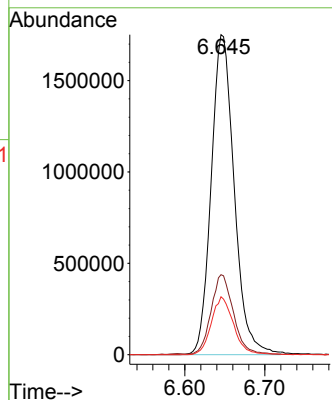
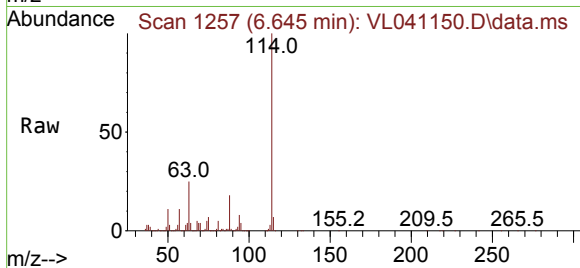
Tgt Ion:114 Resp: 3498254

Ion Ratio Lower Upper

114 100

63 24.9 20.9 31.3

88 17.5 14.5 21.7



#34

2-Butanone

Concen: 10.263 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.010 min

Lab File: VL041150.D

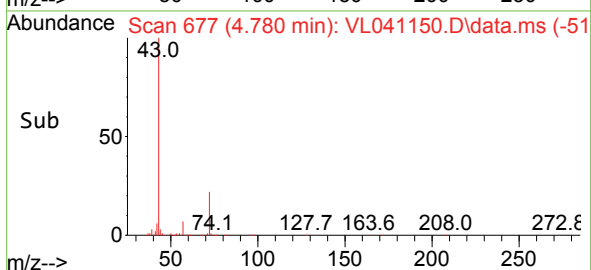
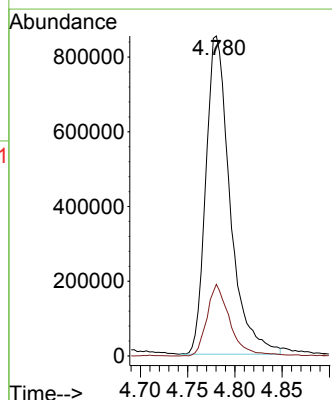
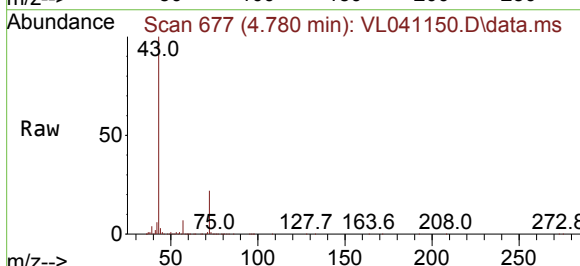
Acq: 8 Apr 2024 15:57

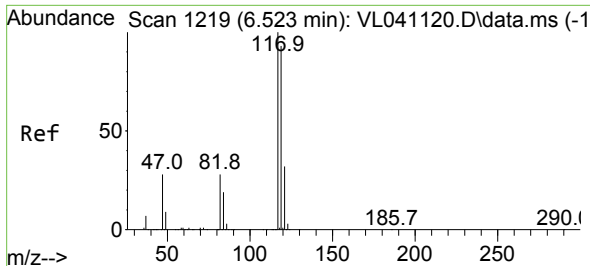
Tgt Ion: 43 Resp: 1519213

Ion Ratio Lower Upper

43 100

72 21.8 17.6 26.4

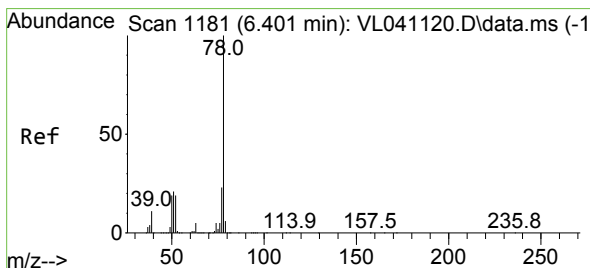
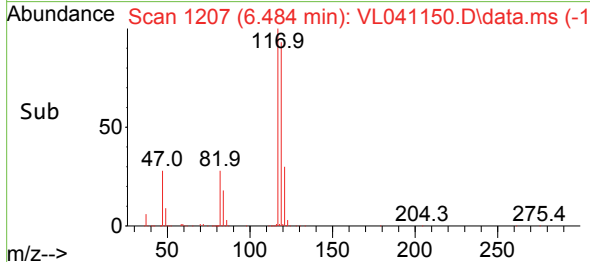
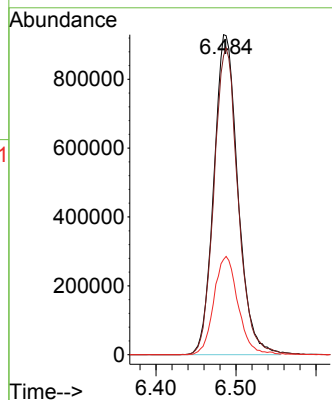
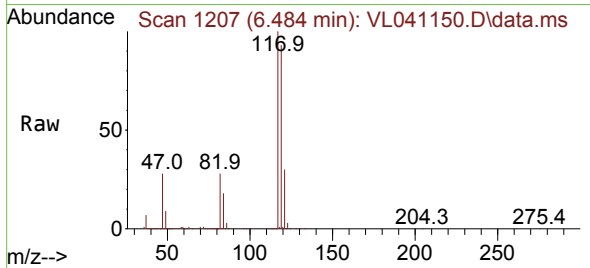




#35
Carbon Tetrachloride
Concen: 9.758 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

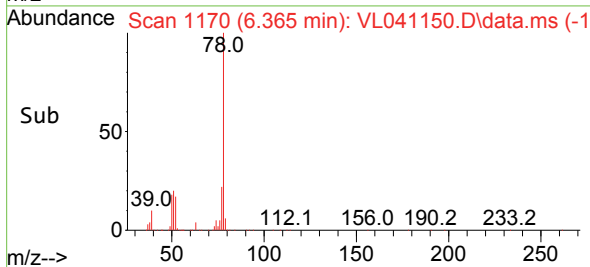
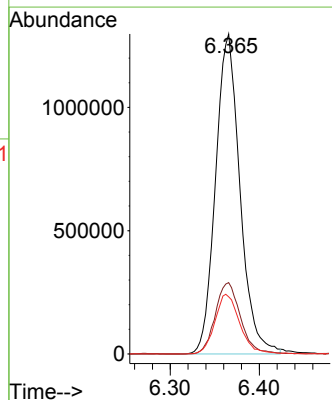
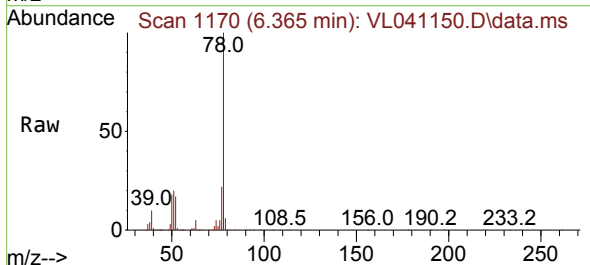
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

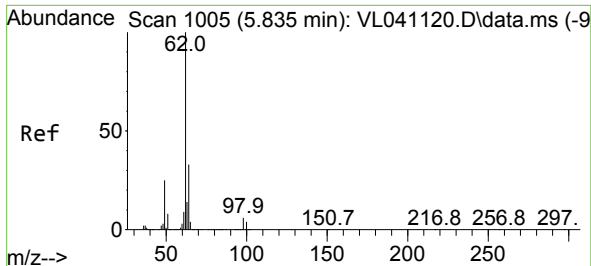
Tgt Ion:117 Resp: 1943541
Ion Ratio Lower Upper
117 100
119 93.4 74.2 111.4
121 29.7 25.4 38.2



#36
Benzene
Concen: 9.617 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 78 Resp: 2470651
Ion Ratio Lower Upper
78 100
77 22.3 18.2 27.4
50 17.8 15.4 23.2





#37

1,2-Dichloroethane

Concen: 9.377 ppbv

RT: 5.800 min Scan# 994

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

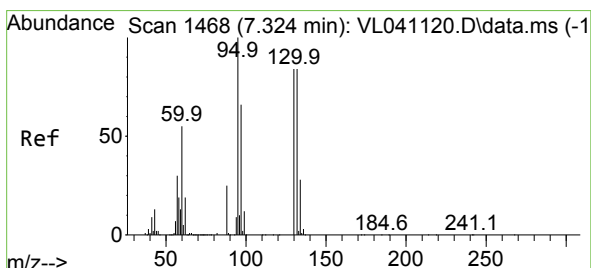
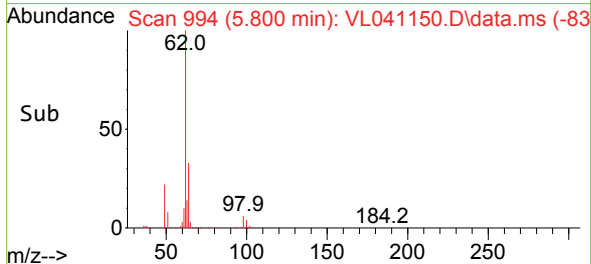
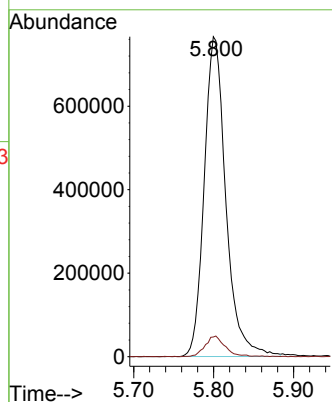
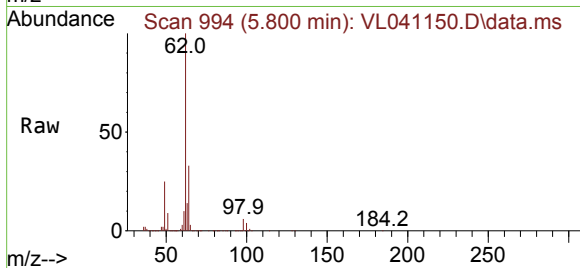
VSTDCCC010EC

Tgt Ion: 62 Resp: 1446323

Ion Ratio Lower Upper

62 100

98 6.1 4.6 7.0



#38

Trichloroethene

Concen: 10.737 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Tgt Ion:130 Resp: 996536

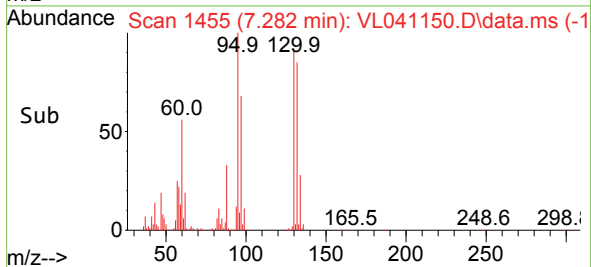
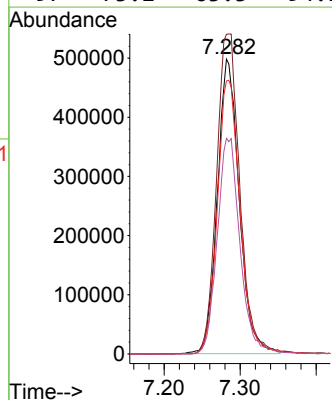
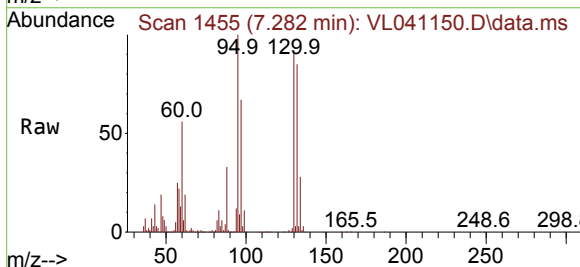
Ion Ratio Lower Upper

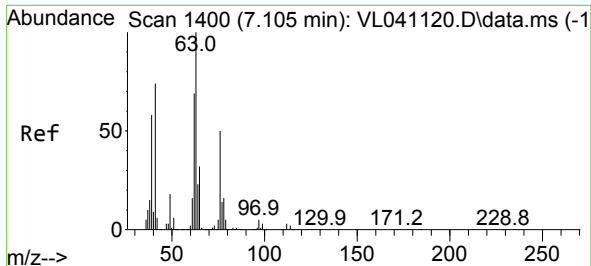
130 100

95 108.5 95.4 143.0

132 92.7 80.0 120.0

97 73.2 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.501 ppbv

RT: 7.066 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

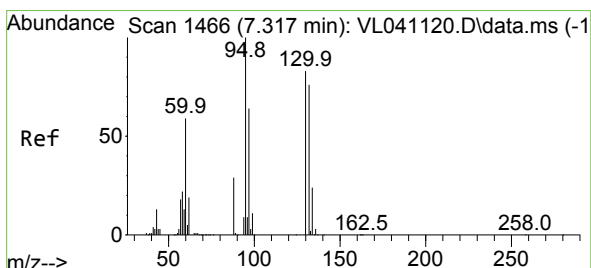
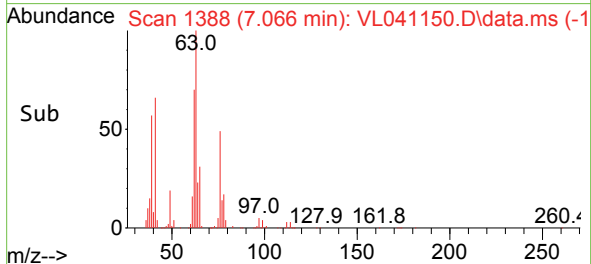
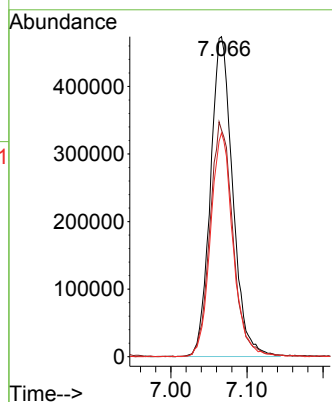
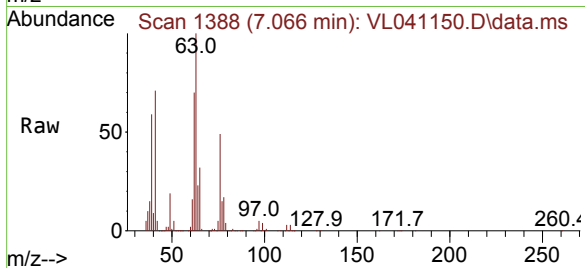
Tgt Ion: 63 Resp: 962397

Ion Ratio Lower Upper

63 100

41 70.7 58.7 88.1

62 69.9 55.5 83.3



#40

1,4-Dioxane

Concen: 10.827 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.003 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Tgt Ion: 88 Resp: 382201

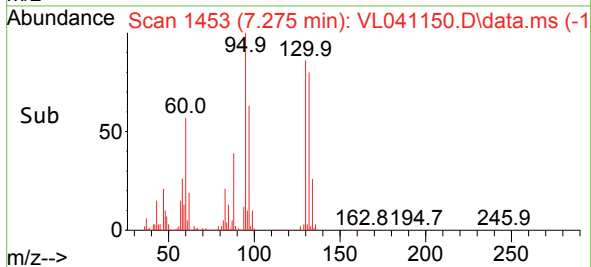
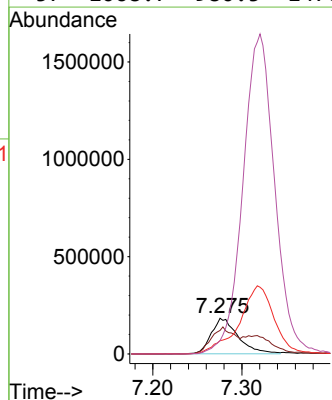
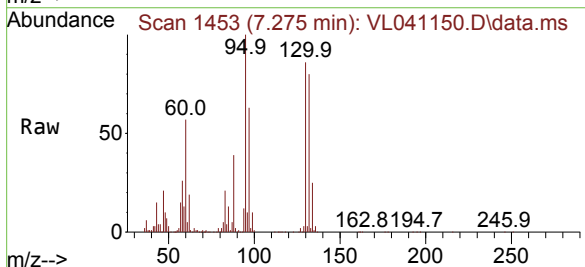
Ion Ratio Lower Upper

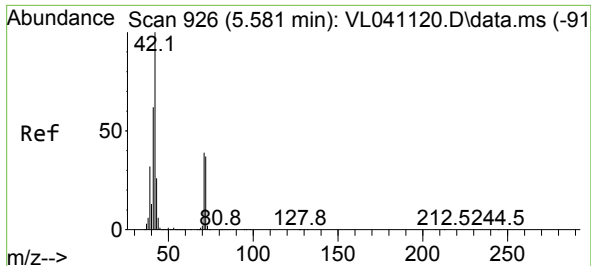
88 100

58 125.1 107.8 161.6

43 251.8 223.8 335.6

57 1068.7 980.5 1470.7

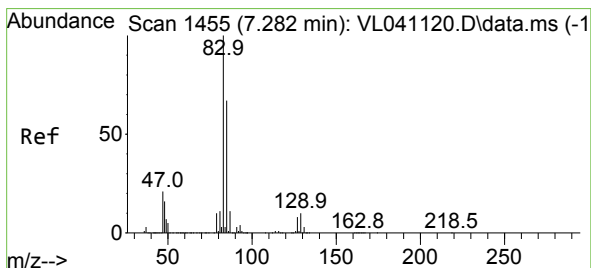
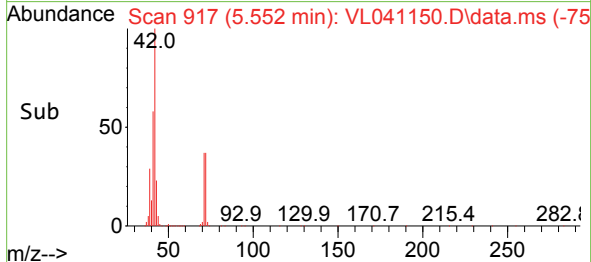
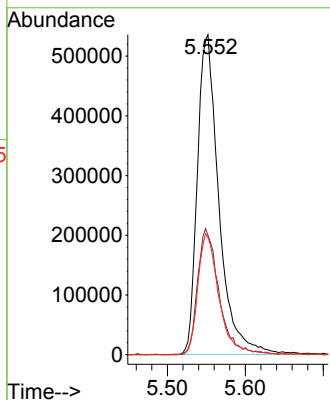
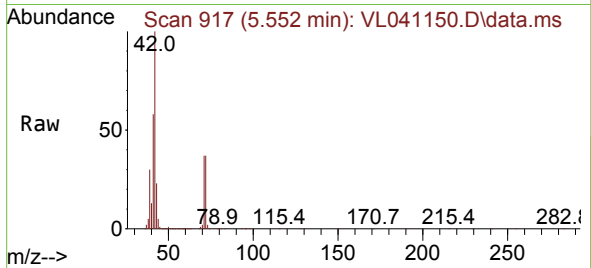




#41
Tetrahydrofuran
Concen: 10.389 ppbv
RT: 5.552 min Scan# 917
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

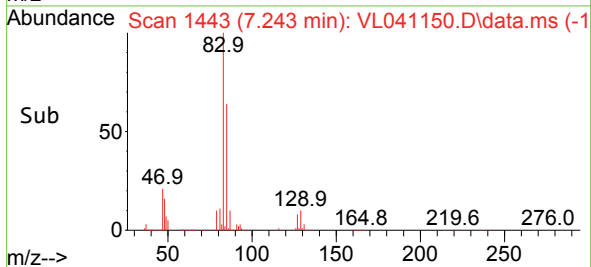
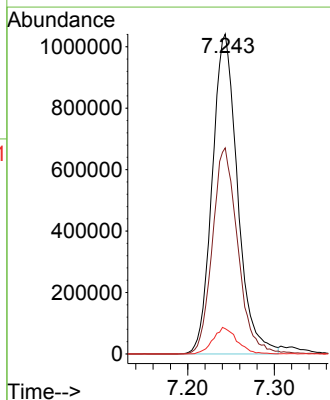
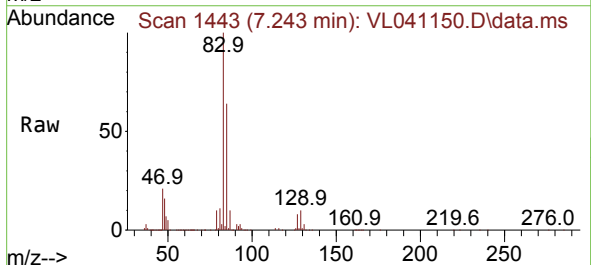
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

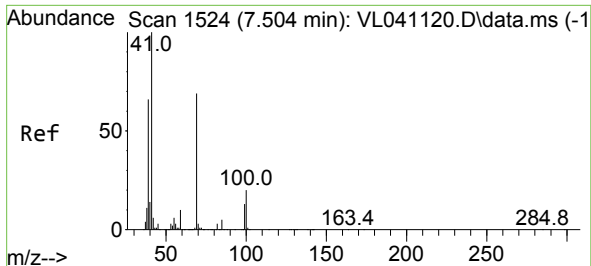
Tgt Ion: 42 Resp: 1023981
Ion Ratio Lower Upper
42 100
72 39.8 31.2 46.8
71 37.4 29.9 44.9



#42
Bromodichloromethane
Concen: 9.599 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 83 Resp: 2115294
Ion Ratio Lower Upper
83 100
85 64.4 53.5 80.3
127 7.9 6.2 9.4



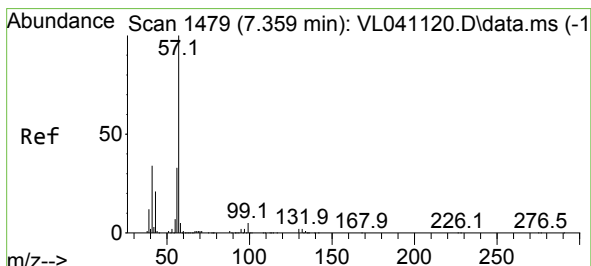
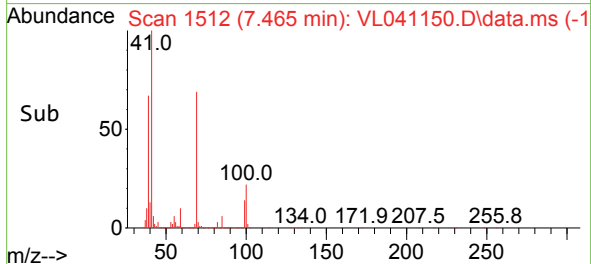
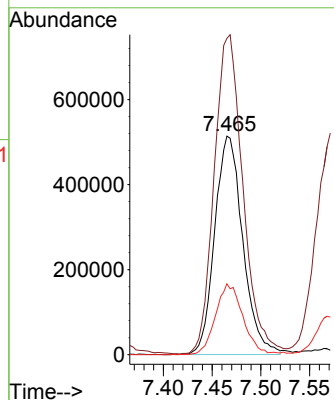
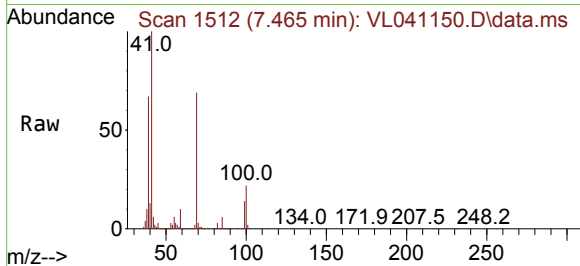


#43
Methyl Methacrylate
Concen: 10.505 ppbv
RT: 7.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1027932

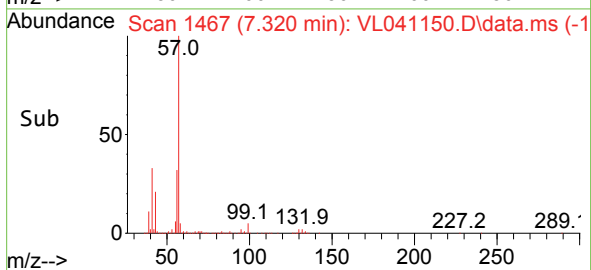
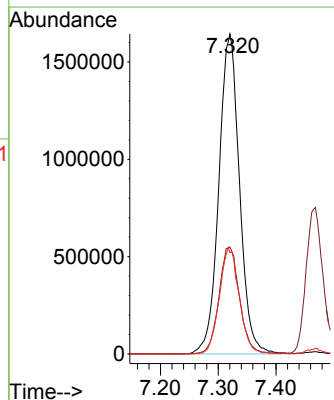
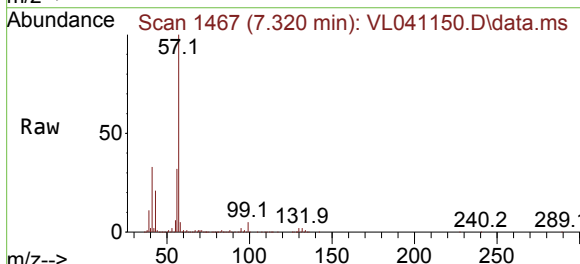
Ion	Ratio	Lower	Upper
69	100		
41	150.3	119.2	178.8
100	32.0	24.6	37.0

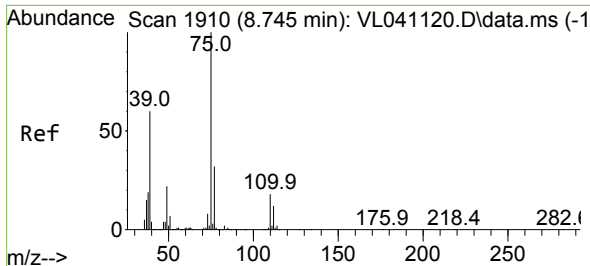


#44
2,2,4-Trimethylpentane
Concen: 9.591 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 57 Resp: 4078831

Ion	Ratio	Lower	Upper
57	100		
41	33.2	28.2	42.2
56	32.1	25.2	37.8

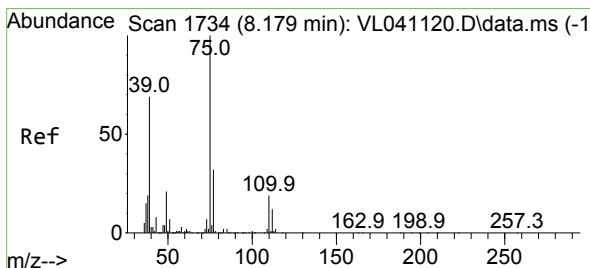
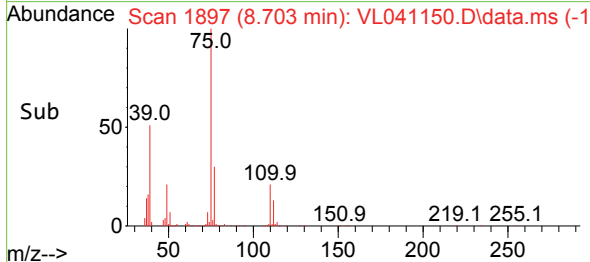
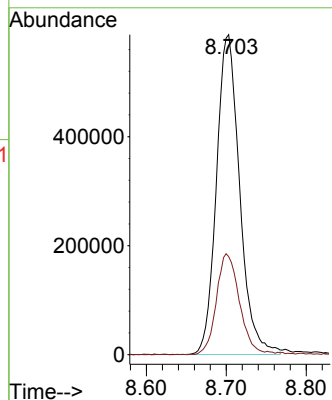
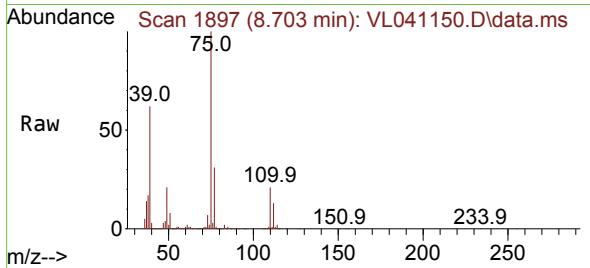




#45
t-1,3-Dichloropropene
Concen: 20.542 ppbv
RT: 8.703 min Scan# 1184569
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

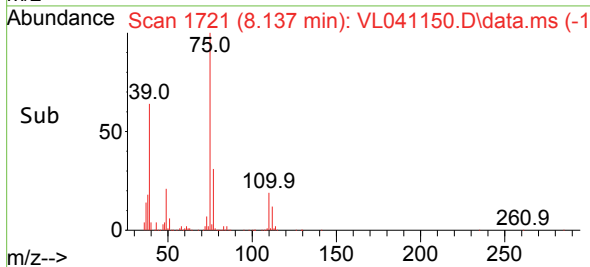
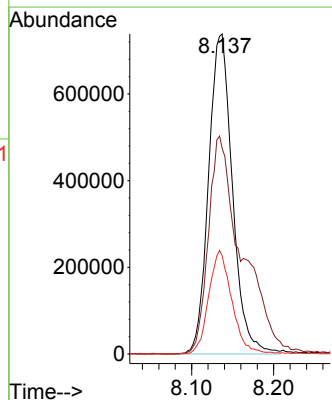
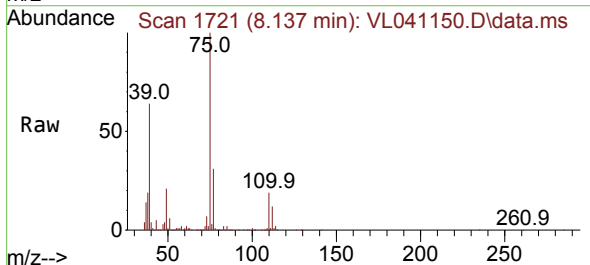
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

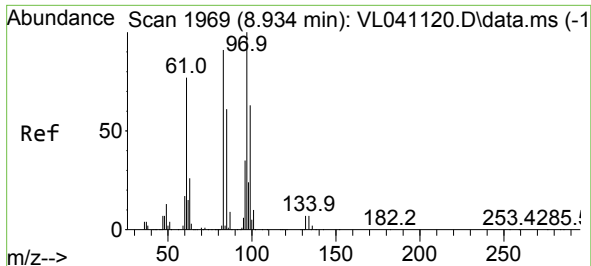
Tgt Ion: 75 Resp: 1184569
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 20.033 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. 0.010 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 75 Resp: 1494650
Ion Ratio Lower Upper
75 100
39 64.2 55.1 82.7
77 30.6 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.590 ppbv

RT: 8.893 min Scan# 1969

Delta R.T. 0.010 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 1049891

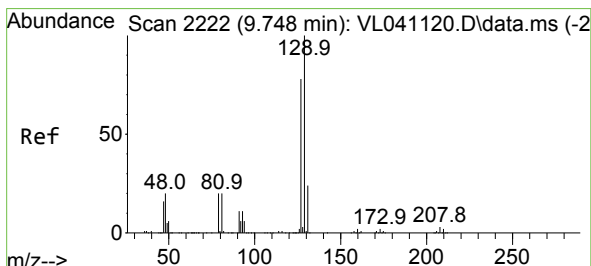
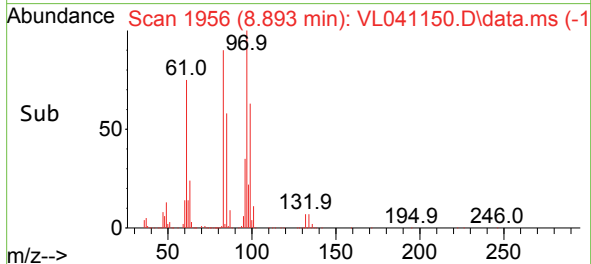
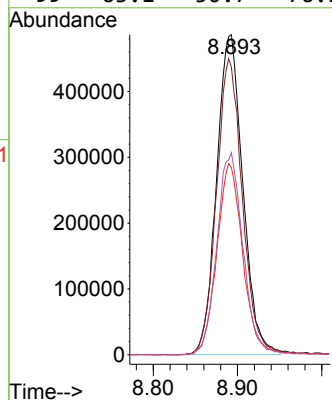
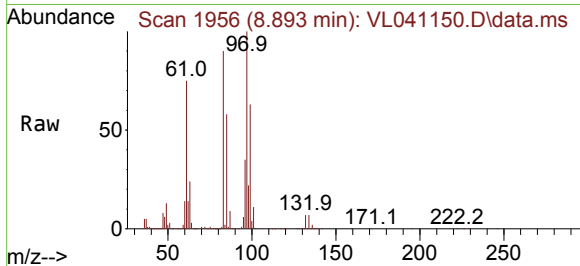
Ion Ratio Lower Upper

97 100

83 89.8 72.9 109.3

85 58.5 49.1 73.7

99 63.1 50.7 76.1



#48

Dibromochloromethane

Concen: 10.349 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.010 min

Lab File: VL041150.D

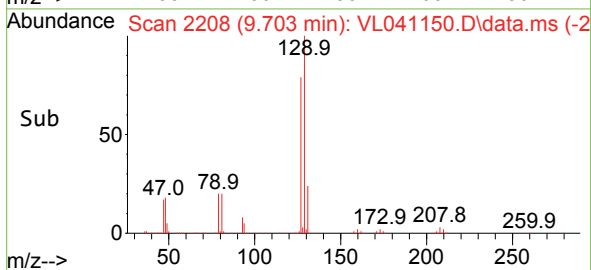
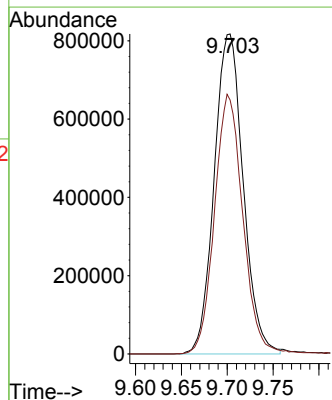
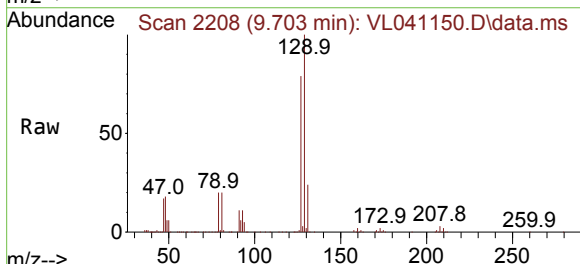
Acq: 8 Apr 2024 15:57

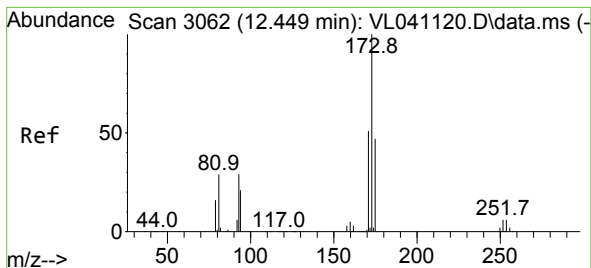
Tgt Ion: 129 Resp: 1798525

Ion Ratio Lower Upper

129 100

127 79.7 39.3 117.9





#49

Bromoform

Concen: 10.255 ppbv

RT: 12.397 min Scan# 3062

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

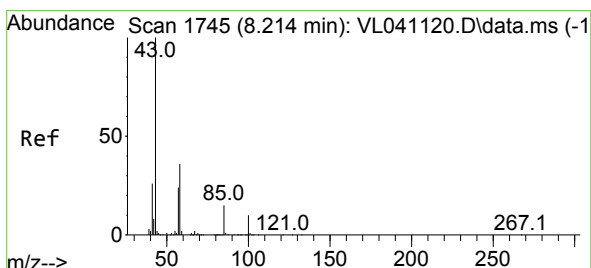
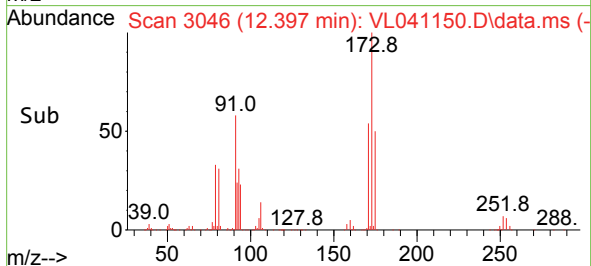
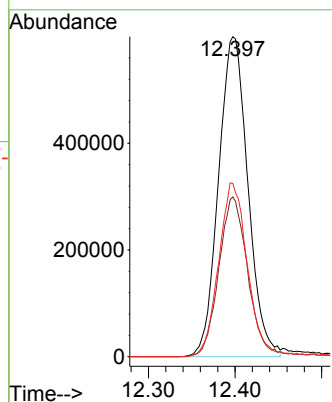
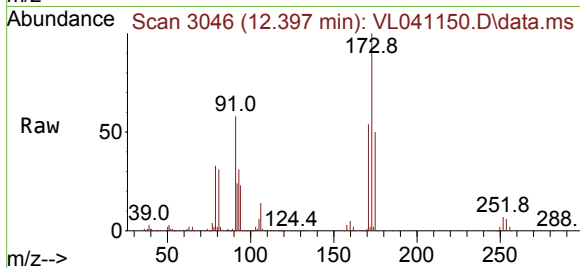
Tgt Ion:173 Resp: 1411854

Ion Ratio Lower Upper

173 100

175 50.1 39.4 59.0

171 54.5 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 10.528 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.006 min

Lab File: VL041150.D

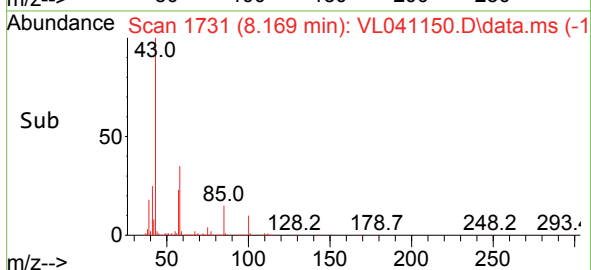
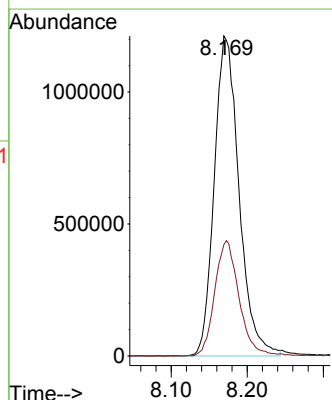
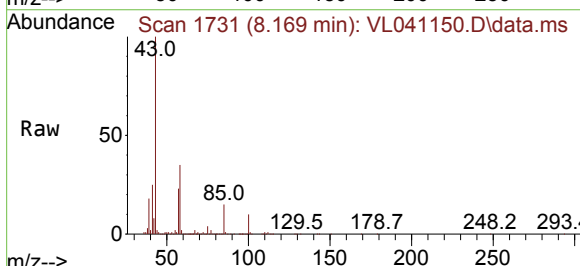
Acq: 8 Apr 2024 15:57

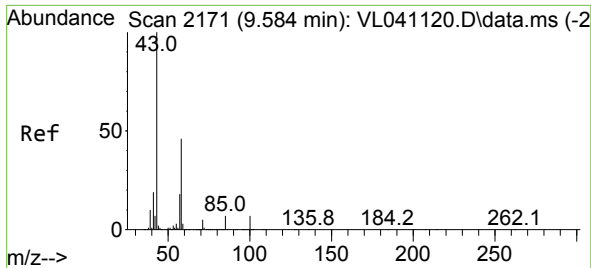
Tgt Ion: 43 Resp: 2742636

Ion Ratio Lower Upper

43 100

58 35.6 27.7 41.5

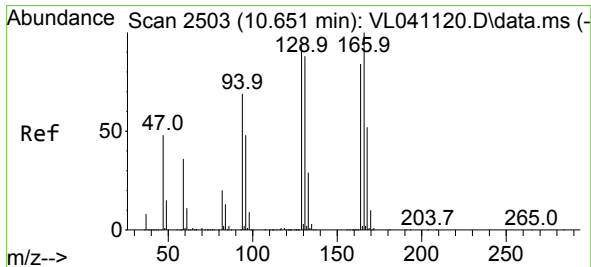
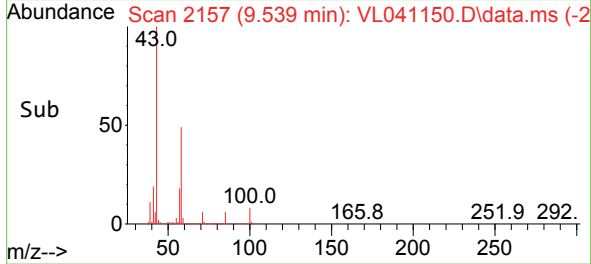
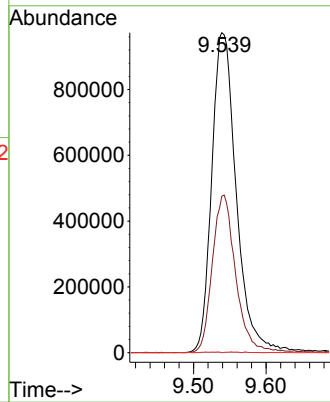
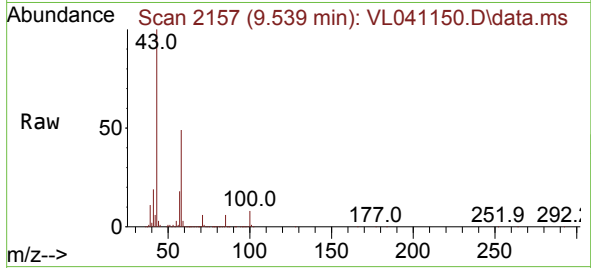




#51
2-Hexanone
Concen: 12.580 ppbv
RT: 9.539 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

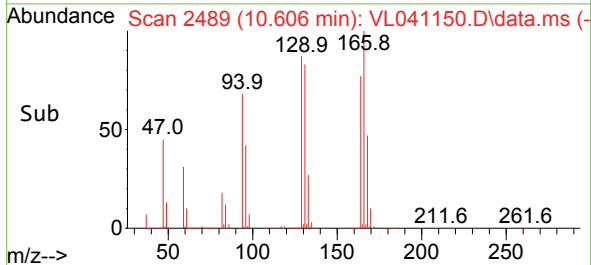
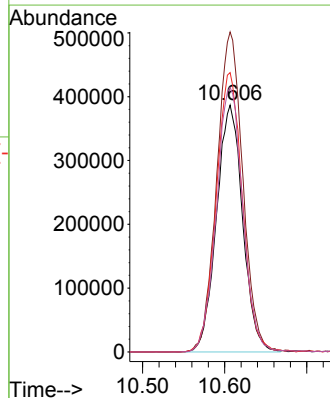
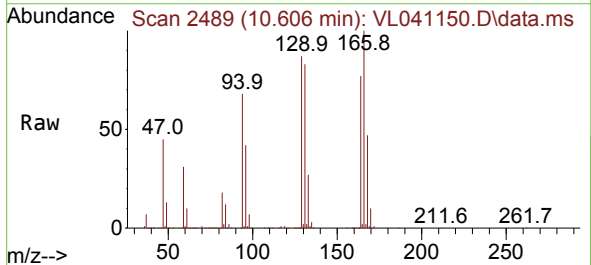
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

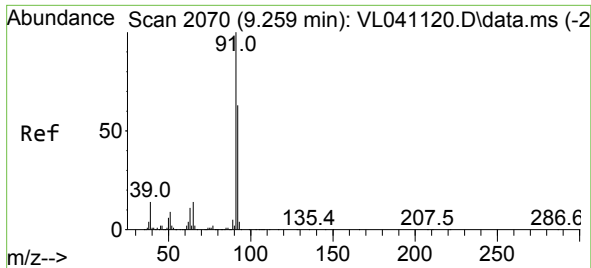
Tgt Ion: 43 Resp: 2272159
Ion Ratio Lower Upper
43 100
58 47.6 37.3 55.9
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.425 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 164 Resp: 854455
Ion Ratio Lower Upper
164 100
166 129.6 95.0 142.6
129 113.2 88.7 133.1
131 107.1 83.2 124.8

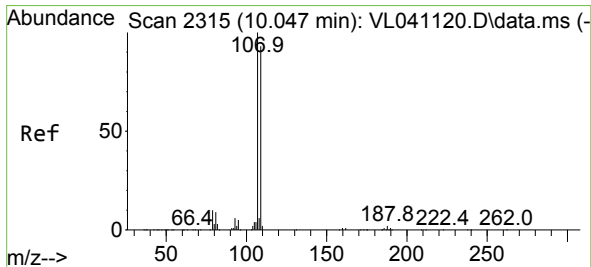
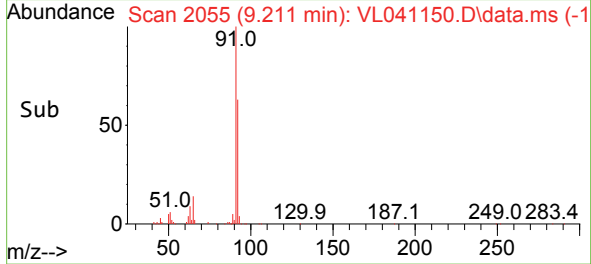
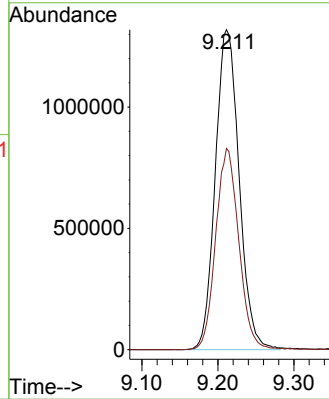
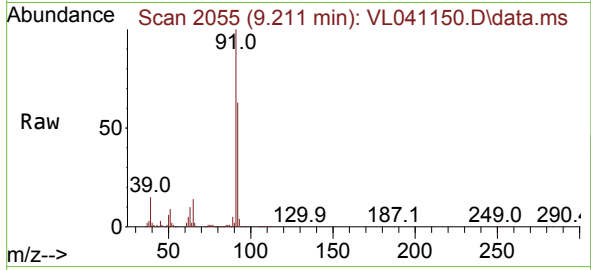




#53
Toluene
Concen: 10.603 ppbv
RT: 9.211 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

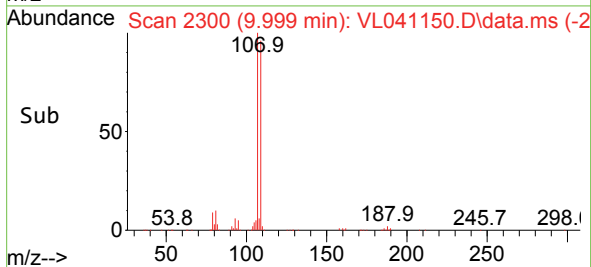
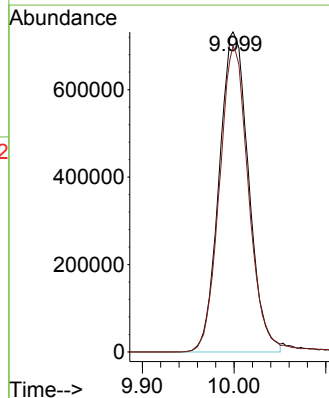
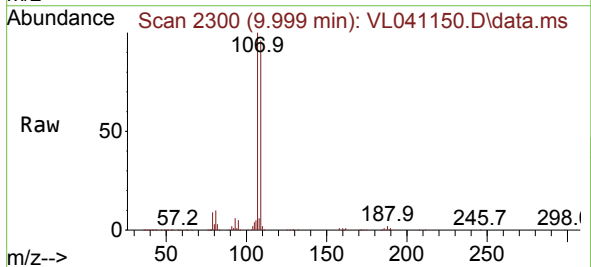
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

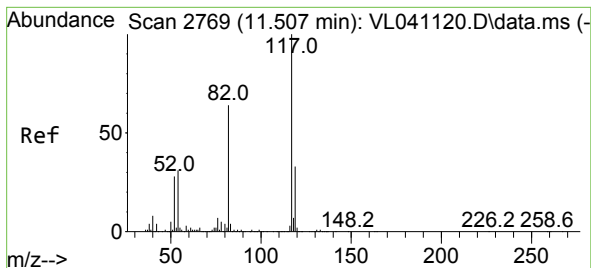
Tgt Ion: 91 Resp: 2868009
Ion Ratio Lower Upper
91 100
92 61.3 49.0 73.4



#54
1,2-Dibromoethane
Concen: 11.943 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 107 Resp: 1630571
Ion Ratio Lower Upper
107 100
109 95.5 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

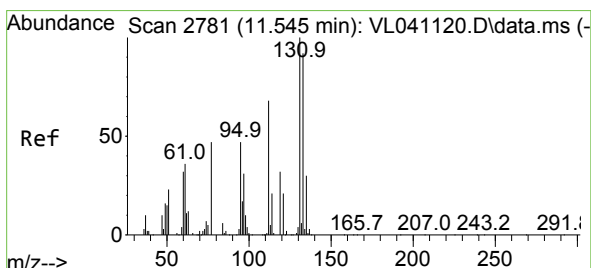
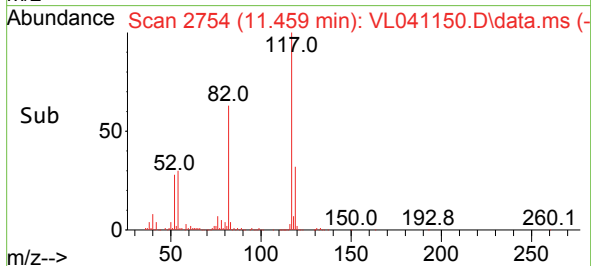
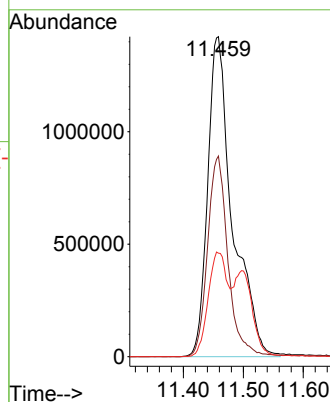
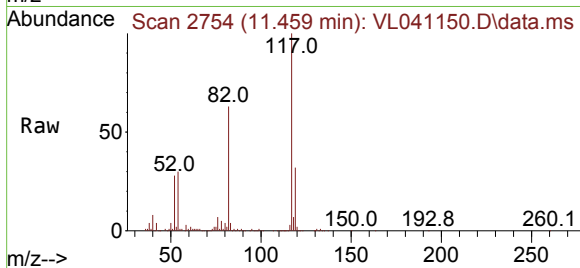
Tgt Ion:117 Resp: 4102464

Ion Ratio Lower Upper

117 100

82 52.1 51.0 76.6

119 28.1 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 7.723 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

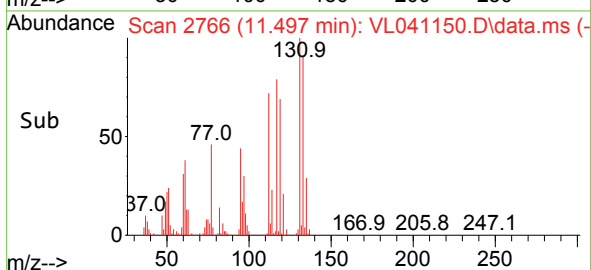
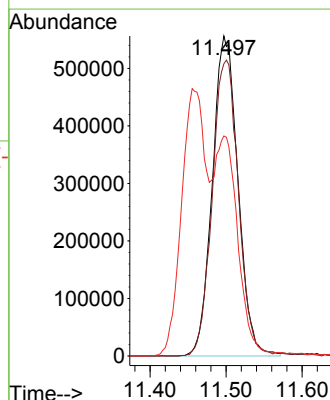
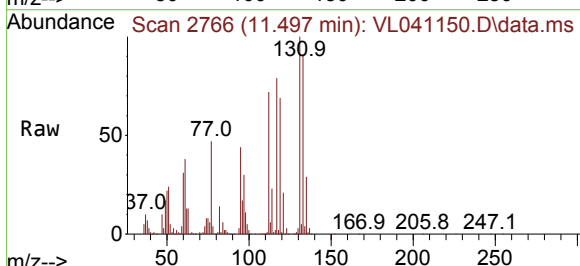
Tgt Ion:131 Resp: 1302133

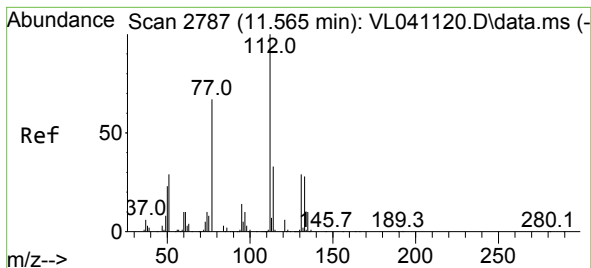
Ion Ratio Lower Upper

131 100

133 95.6 76.6 115.0

119 66.6 49.9 74.9

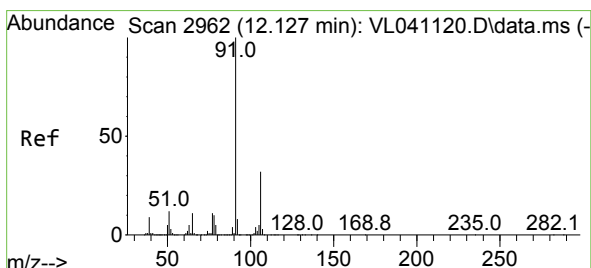
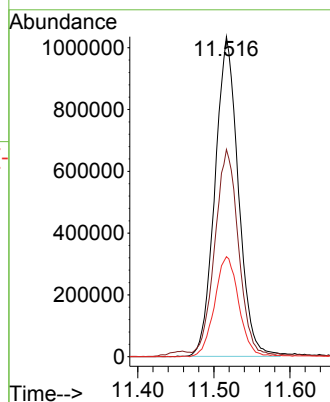
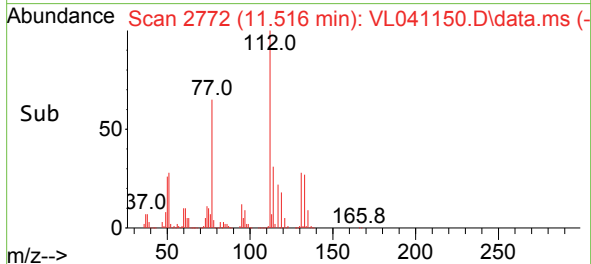
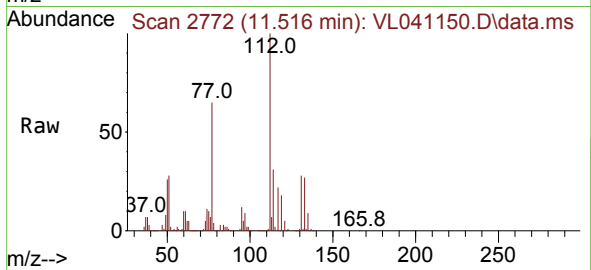




#57
Chlorobenzene
Concen: 7.870 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

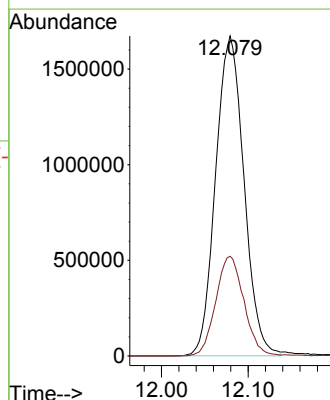
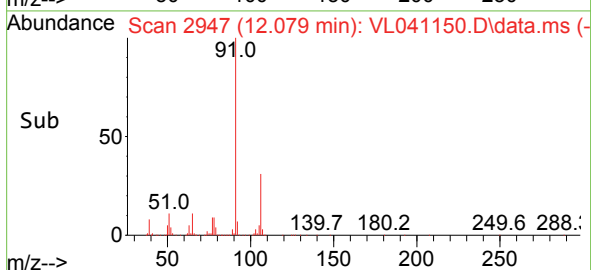
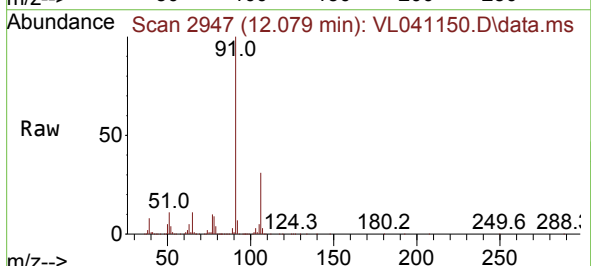
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

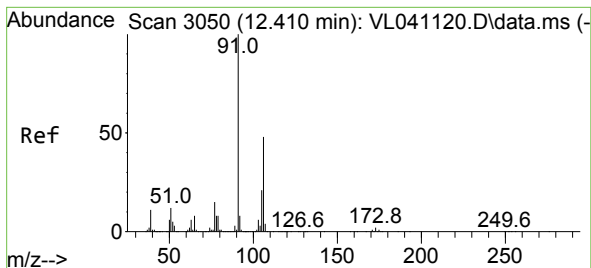
Tgt Ion:112 Resp: 2210208
Ion Ratio Lower Upper
112 100
77 64.0 54.0 81.0
114 31.3 29.3 35.9



#58
Ethyl Benzene
Concen: 8.463 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 91 Resp: 3800871
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4





#59

m/p-Xylene

Concen: 9.680 ppbv

RT: 12.359 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

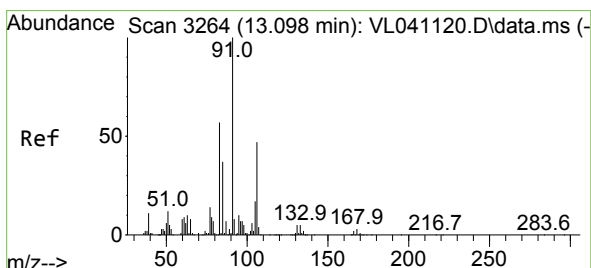
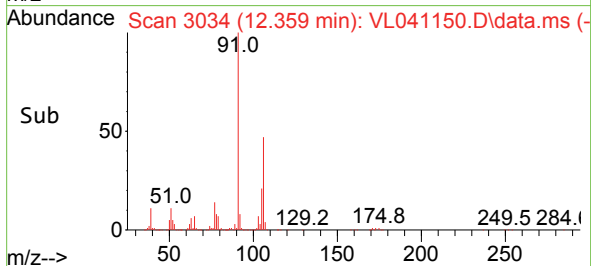
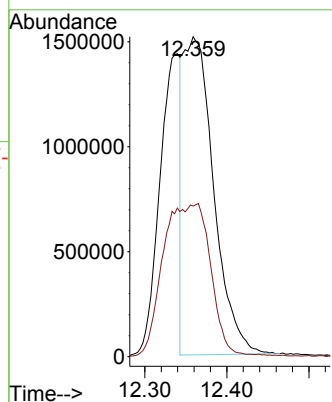
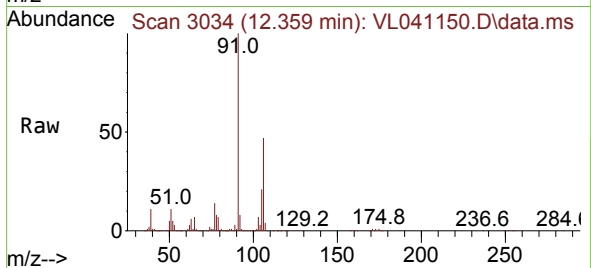
VSTDCCC010EC

Tgt Ion: 91 Resp: 3926574

Ion Ratio Lower Upper

91 100

106 74.5 35.4 53.2#



#60

o-Xylene

Concen: 8.088 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VL041150.D

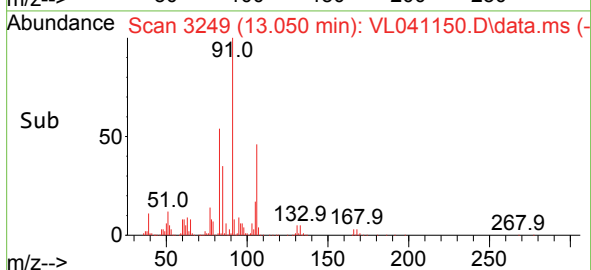
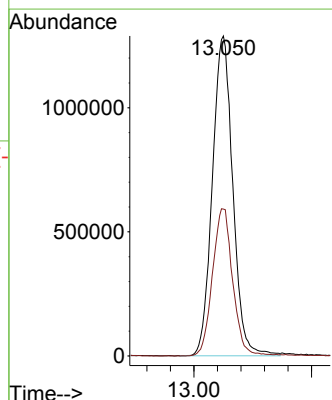
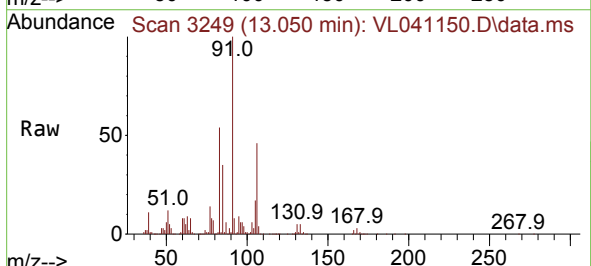
Acq: 8 Apr 2024 15:57

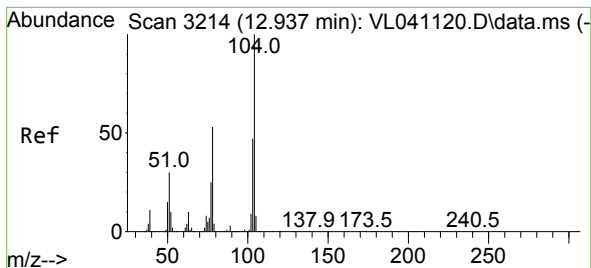
Tgt Ion: 91 Resp: 3108583

Ion Ratio Lower Upper

91 100

106 46.2 22.9 68.5





#61

Styrene

Concen: 9.607 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

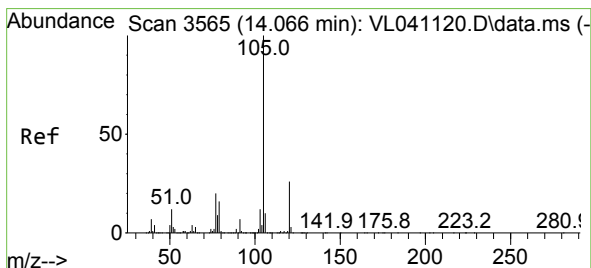
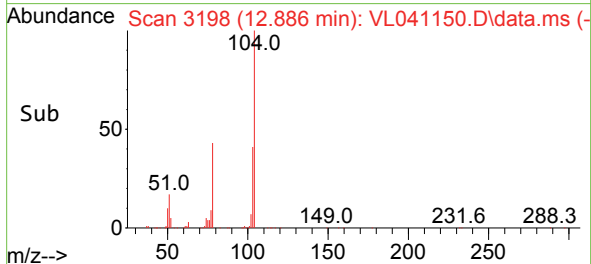
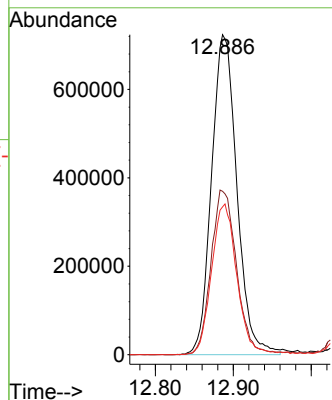
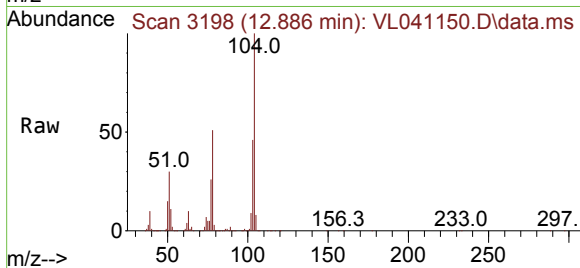
Tgt Ion:104 Resp: 1636183

Ion Ratio Lower Upper

104 100

78 52.3 43.3 64.9

103 47.6 38.2 57.2



#62

Isopropylbenzene

Concen: 7.840 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.003 min

Lab File: VL041150.D

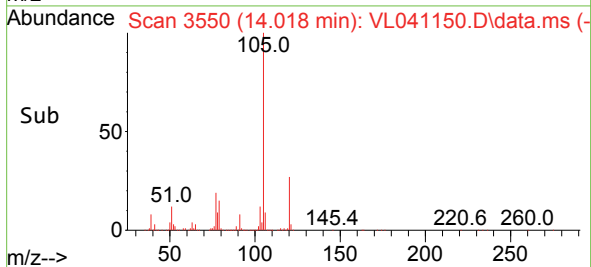
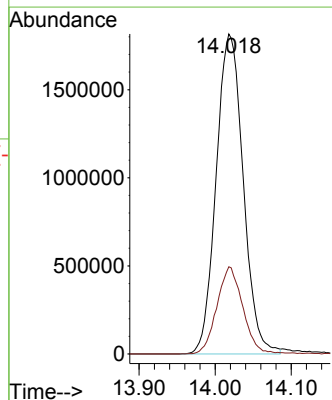
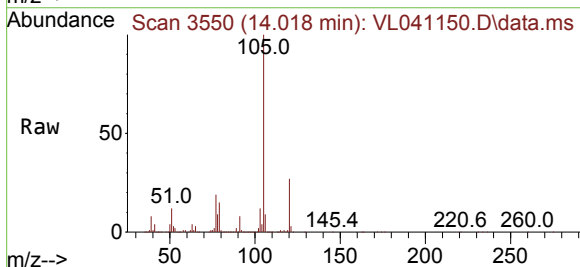
Acq: 8 Apr 2024 15:57

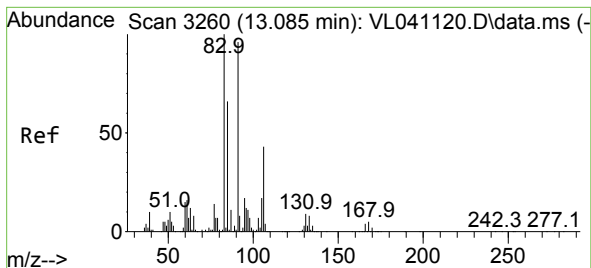
Tgt Ion:105 Resp: 4485735

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

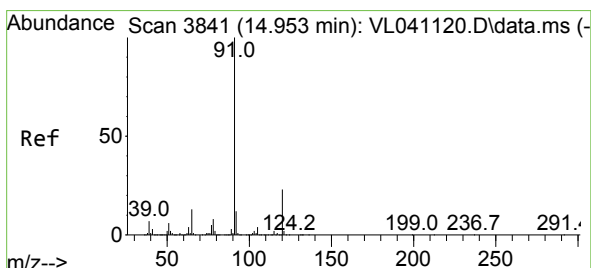
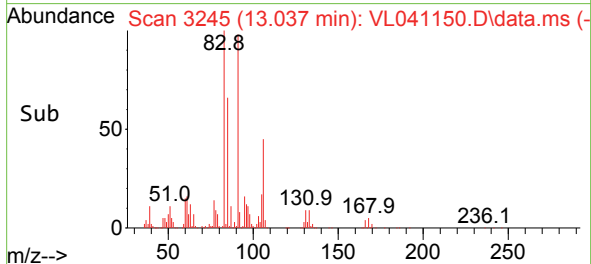
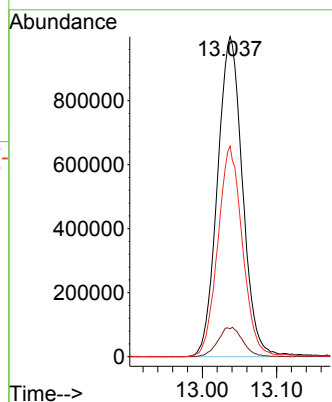
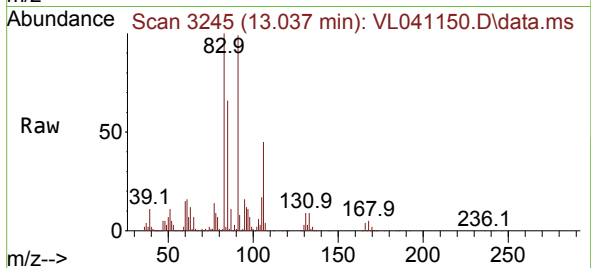




#63
1,1,2,2-Tetrachloroethane
Concen: 7.754 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

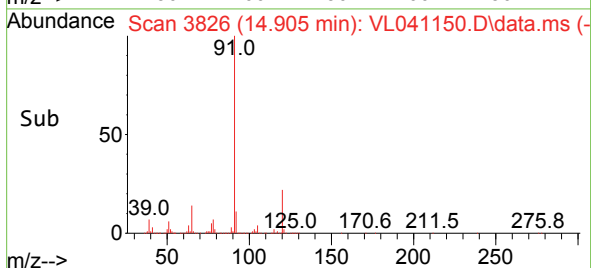
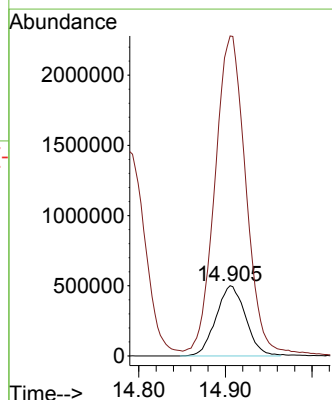
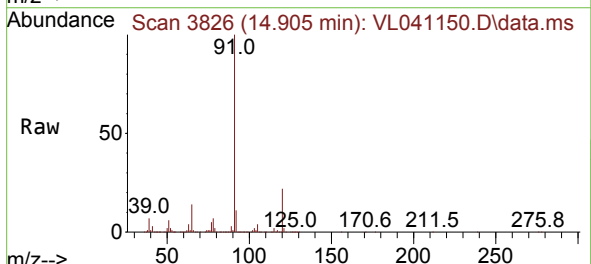
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

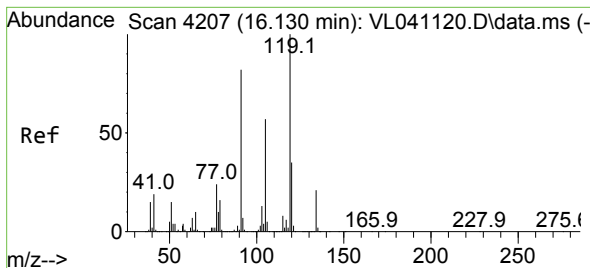
Tgt Ion: 83 Resp: 2341482
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 65.4 33.1 99.2



#64
n-propylbenzene
Concen: 8.278 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 120 Resp: 1188620
Ion Ratio Lower Upper
120 100
91 481.8 395.0 592.6





#65

tert-Butylbenzene

Concen: 8.223 ppbv

RT: 16.079 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

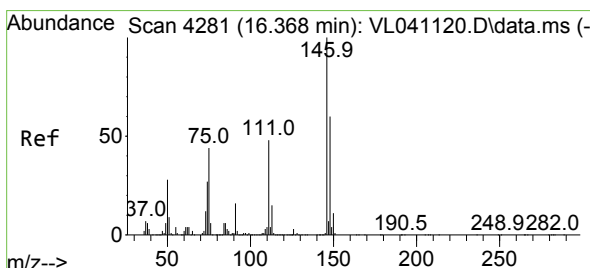
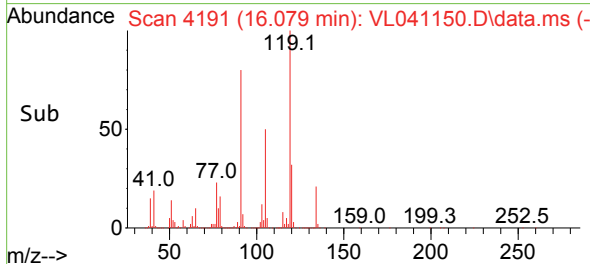
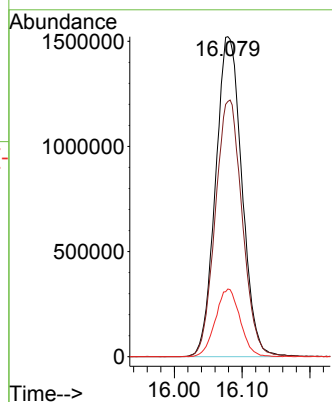
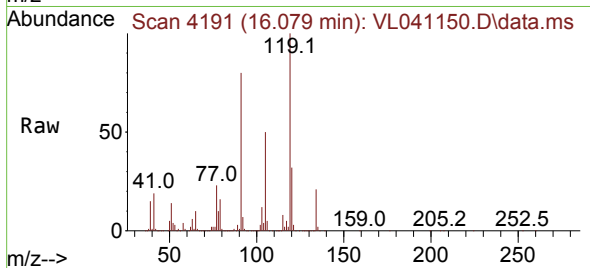
Tgt Ion:119 Resp: 4107514

Ion Ratio Lower Upper

119 100

91 82.2 67.8 101.8

134 19.9 16.0 24.0



#66

Benzyl Chloride

Concen: 20.845 ppbv

RT: 16.317 min Scan# 4265

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

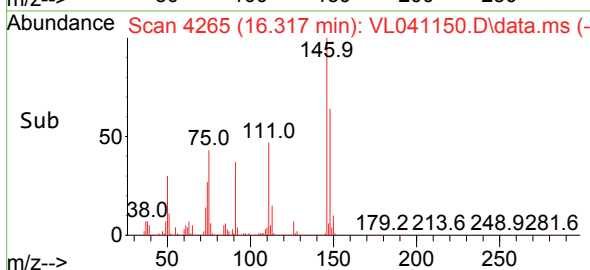
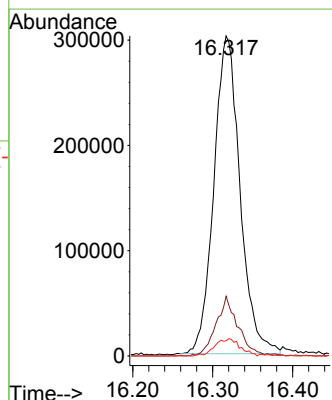
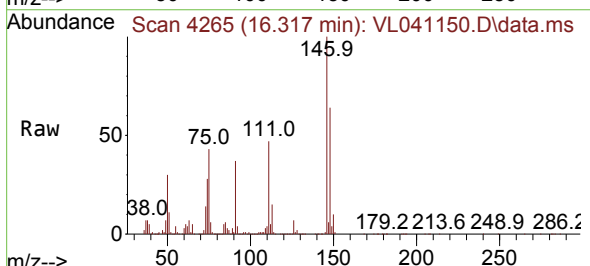
Tgt Ion: 91 Resp: 685077

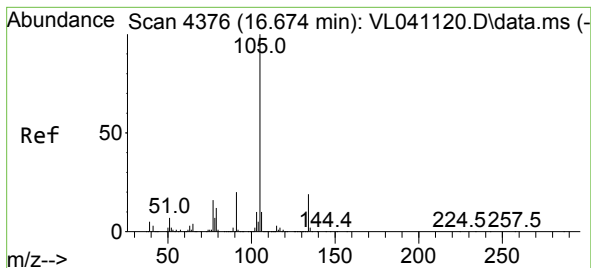
Ion Ratio Lower Upper

91 100

126 16.1 13.4 20.2

128 5.6 4.3 6.5

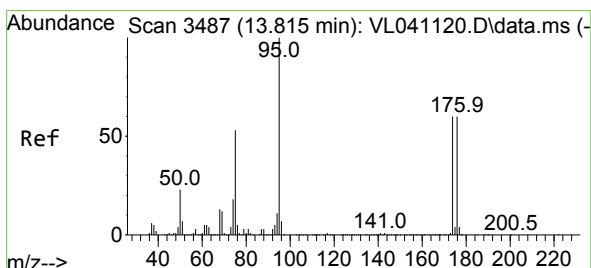
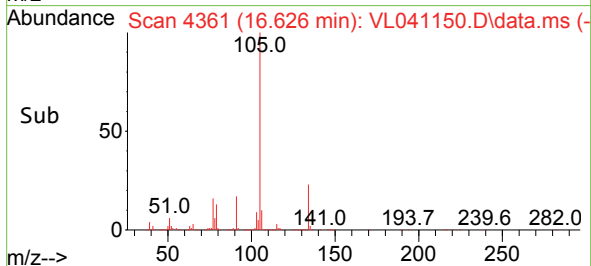
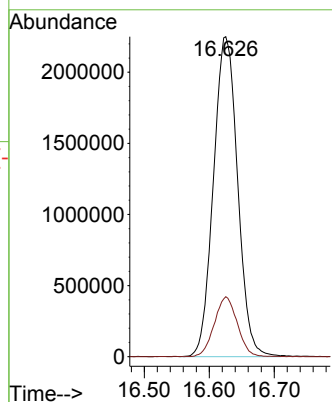
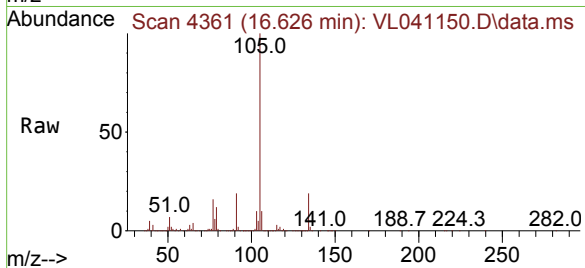




#67
 sec-Butylbenzene
 Concen: 8.045 ppbv
 RT: 16.626 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041150.D
 Acq: 8 Apr 2024 15:57

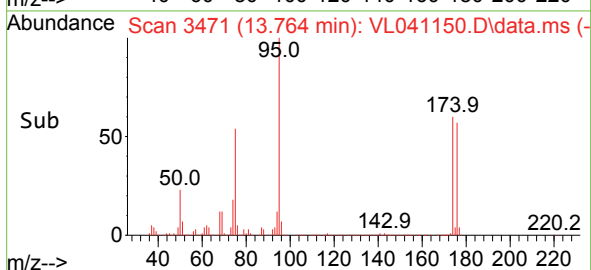
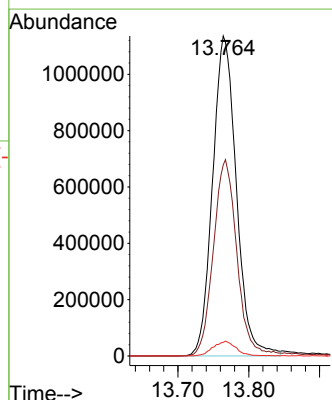
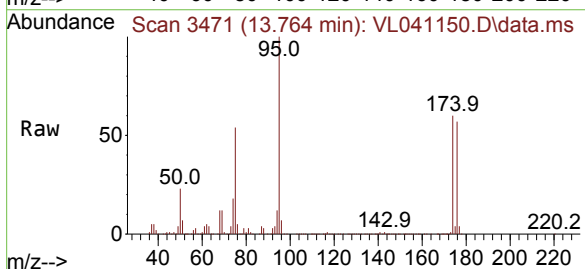
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

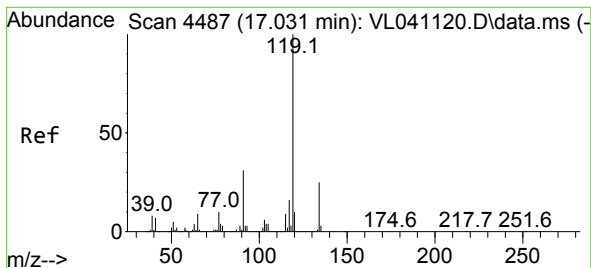
Tgt Ion:105 Resp: 5806320
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.025 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.003 min
 Lab File: VL041150.D
 Acq: 8 Apr 2024 15:57

Tgt Ion: 95 Resp: 2647449
 Ion Ratio Lower Upper
 95 100
 174 61.8 49.3 73.9
 175 4.6 3.6 5.4





#69

p-Isopropyltoluene

Concen: 8.514 ppbv

RT: 16.982 min Scan# 44

Delta R.T. 0.003 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

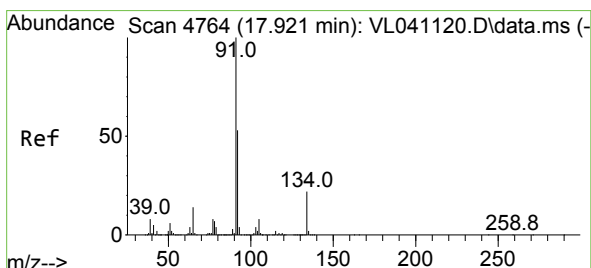
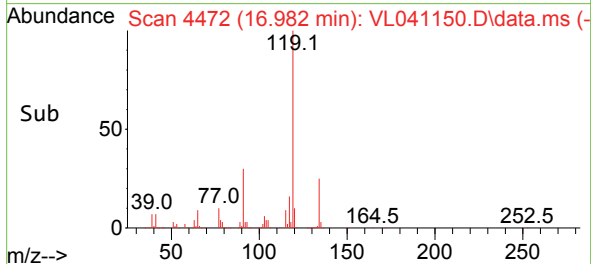
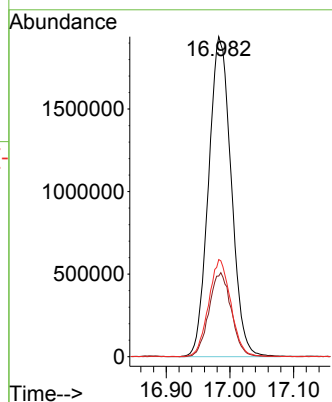
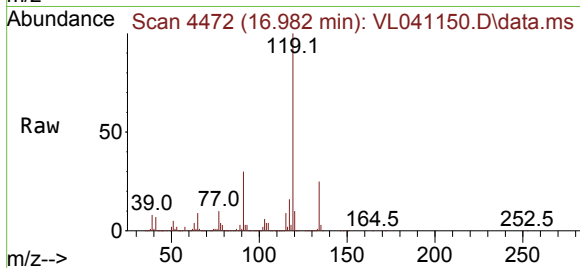
Tgt Ion:119 Resp: 4791672

Ion Ratio Lower Upper

119 100

134 26.0 20.5 30.7

91 29.8 24.8 37.2



#70

n-Butylbenzene

Concen: 8.403 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

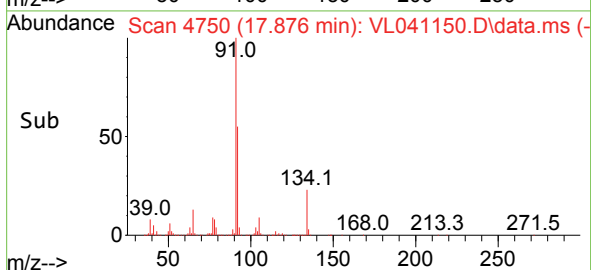
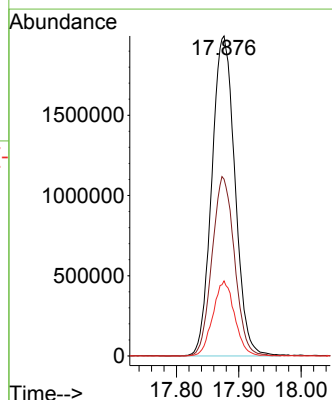
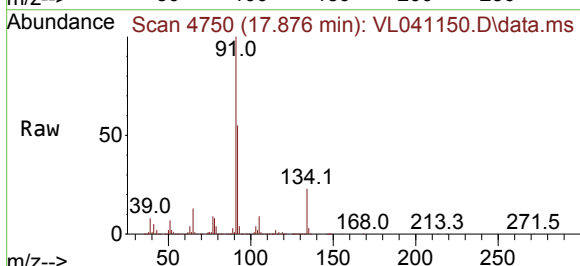
Tgt Ion: 91 Resp: 5137353

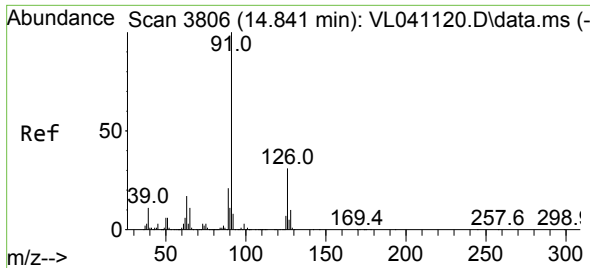
Ion Ratio Lower Upper

91 100

92 54.5 43.4 65.0

134 22.1 17.1 25.7

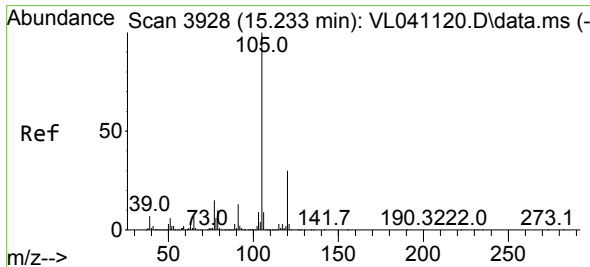
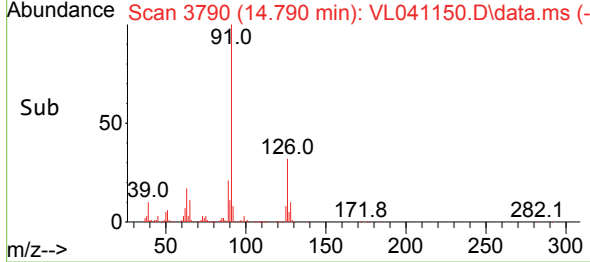
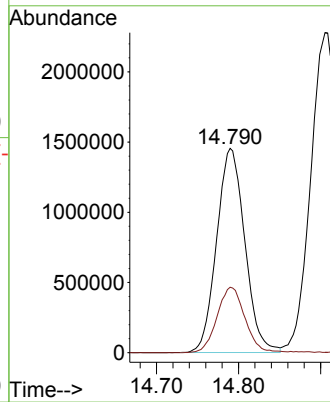
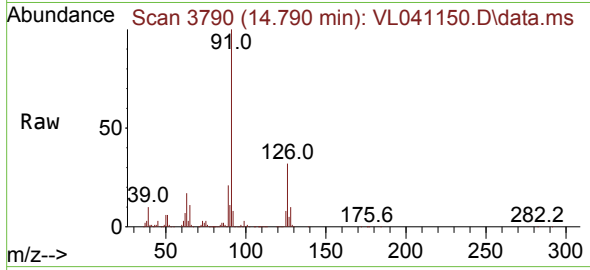




#71
2-Chlorotoluene
Concen: 7.928 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

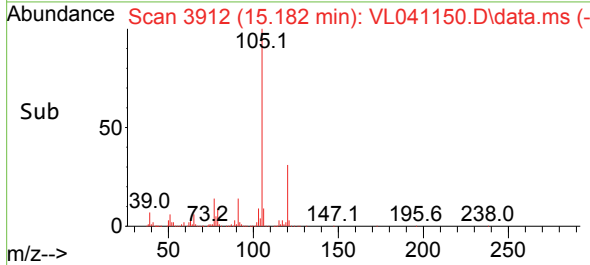
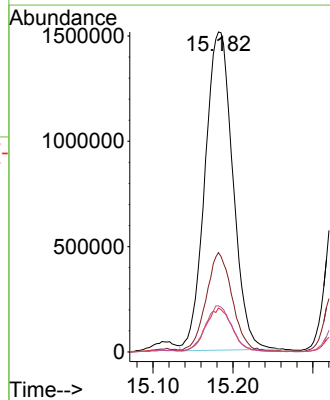
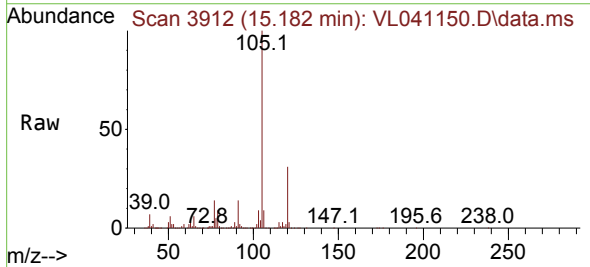
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

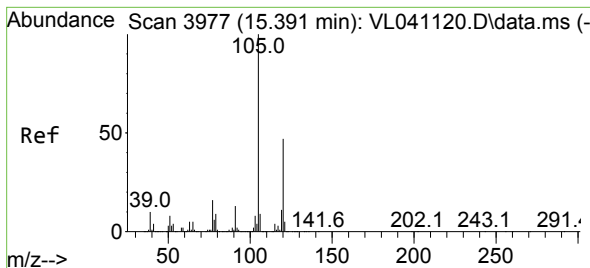
Tgt Ion: 91 Resp: 3479441
Ion Ratio Lower Upper
91 100
126 32.3 12.5 50.1



#72
4-Ethyltoluene
Concen: 8.515 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL041150.D
Acq: 8 Apr 2024 15:57

Tgt Ion: 105 Resp: 3655187
Ion Ratio Lower Upper
105 100
120 30.6 24.2 36.2
91 13.2 11.2 16.8
77 14.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 8.352 ppbv

RT: 15.339 min Scan# 3977

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

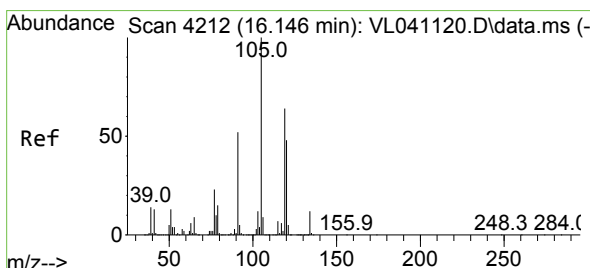
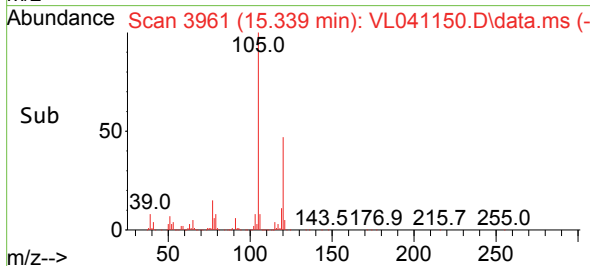
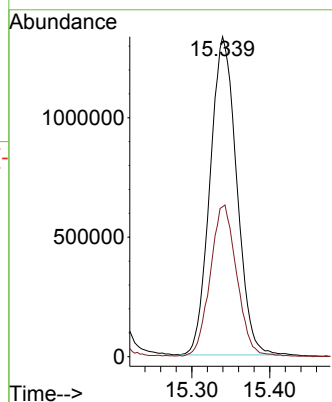
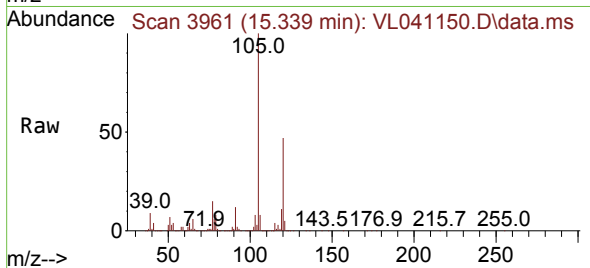
VSTDCCC010EC

Tgt Ion:105 Resp: 3161988

Ion Ratio Lower Upper

105 100

120 46.8 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 8.043 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. 0.003 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Tgt Ion:105 Resp: 3485092

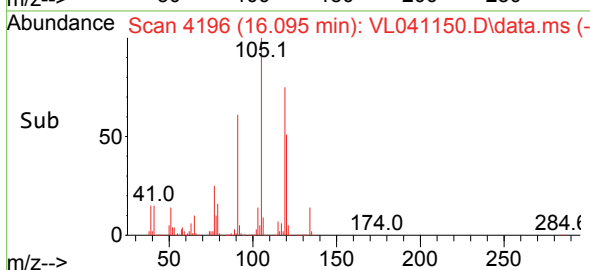
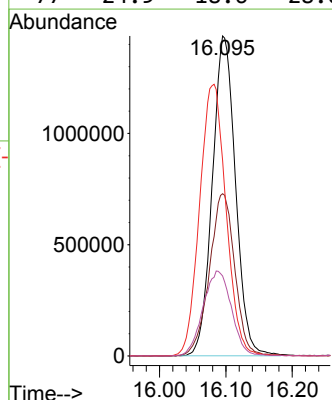
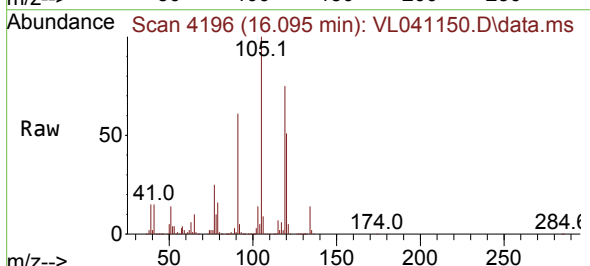
Ion Ratio Lower Upper

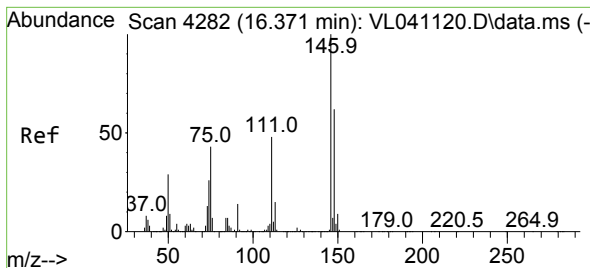
105 100

120 50.5 38.9 58.3

91 60.9 43.0 64.6

77 24.9 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 8.049 ppbv

RT: 16.320 min Scan# 4311

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

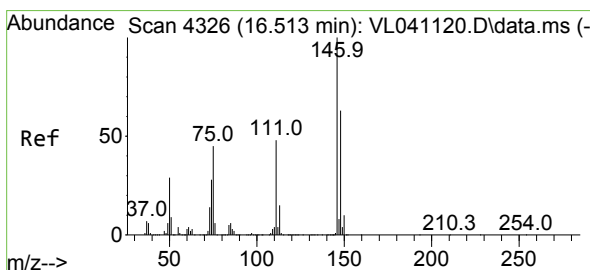
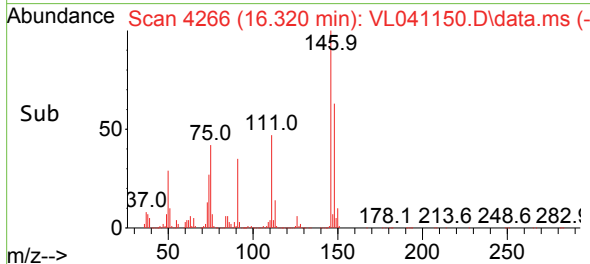
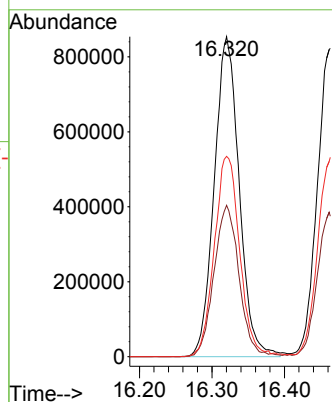
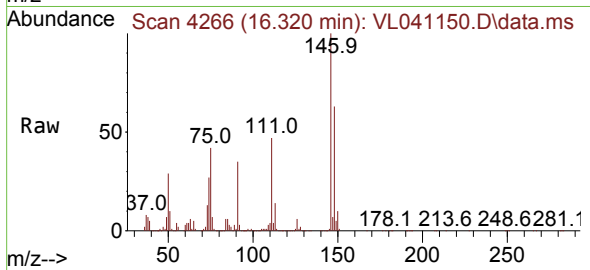
Tgt Ion:146 Resp: 2036225

Ion Ratio Lower Upper

146 100

111 47.9 24.1 72.4

148 64.0 32.0 96.2



#76

1,4-Dichlorobenzene

Concen: 8.034 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

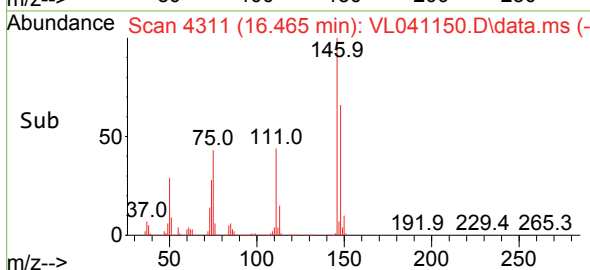
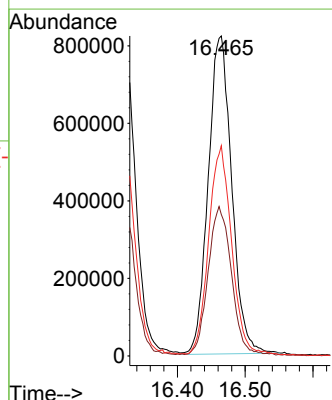
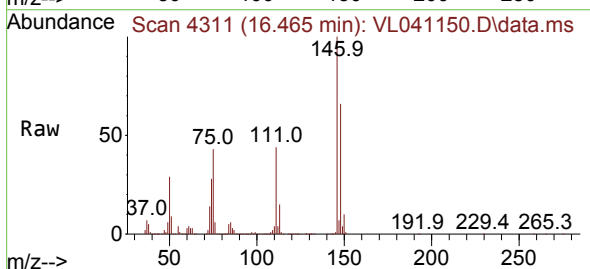
Tgt Ion:146 Resp: 1976872

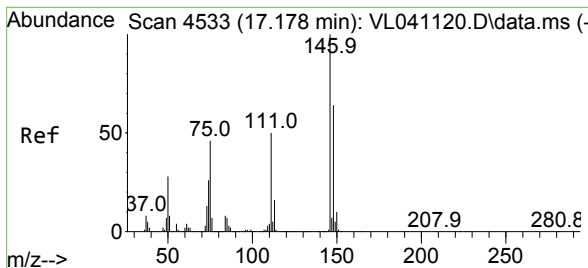
Ion Ratio Lower Upper

146 100

111 47.0 24.1 72.3

148 65.7 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 8.103 ppbv

RT: 17.134 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

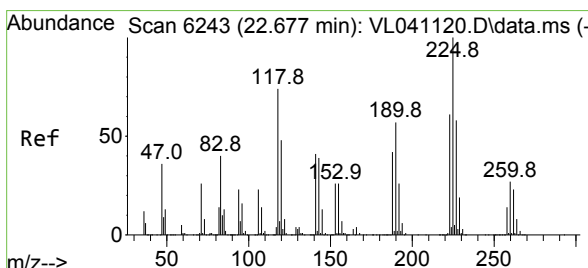
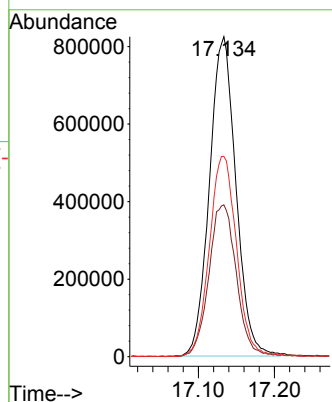
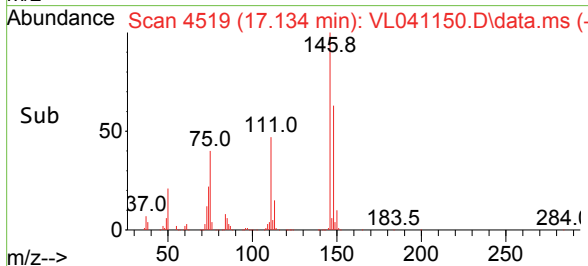
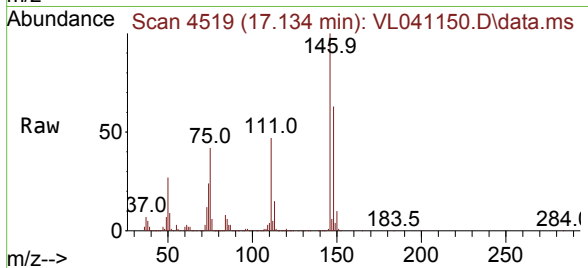
Tgt Ion:146 Resp: 1990443

Ion Ratio Lower Upper

146 100

111 49.5 25.1 75.3

148 64.8 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 8.041 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

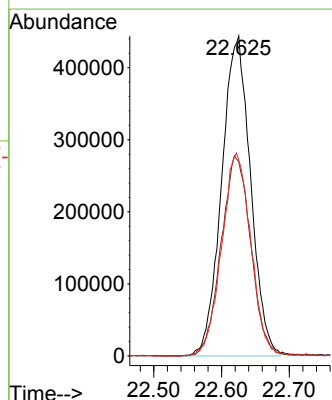
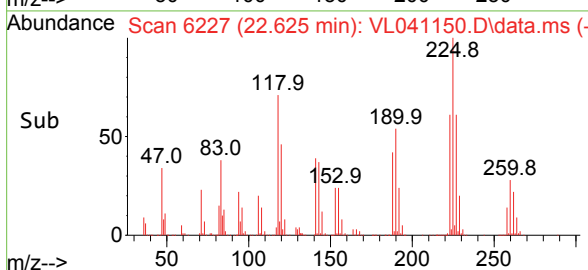
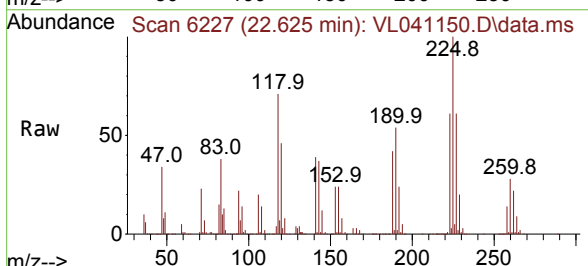
Tgt Ion:225 Resp: 1313252

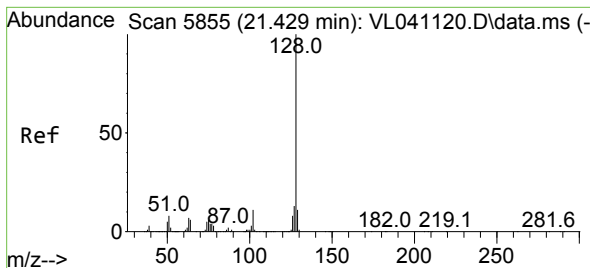
Ion Ratio Lower Upper

225 100

223 64.4 50.9 76.3

227 64.1 51.3 76.9





#79

Naphthalene

Concen: 11.759 ppbv

RT: 21.375 min Scan# 5838

Delta R.T. 0.006 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

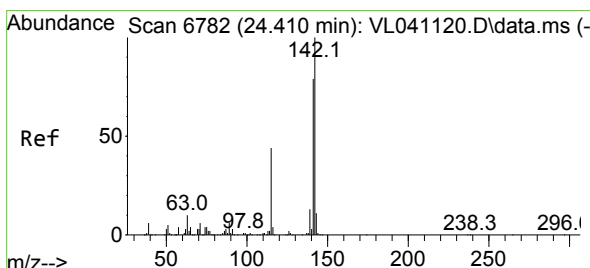
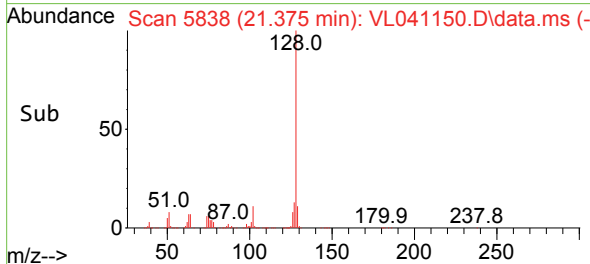
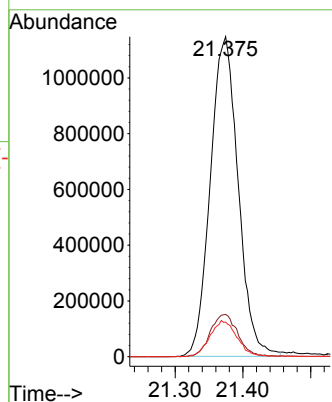
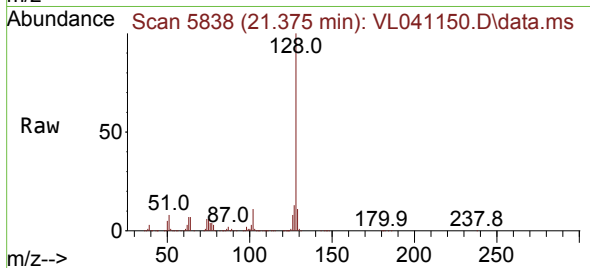
Tgt Ion:128 Resp: 3268537

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 18.147 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.000 min

Lab File: VL041150.D

Acq: 8 Apr 2024 15:57

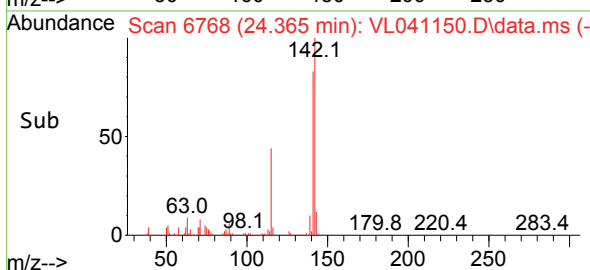
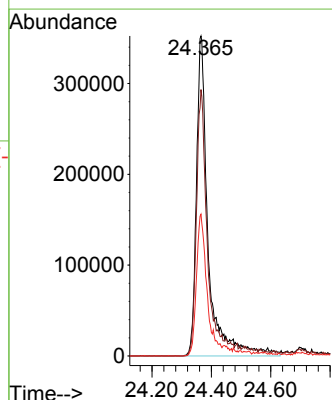
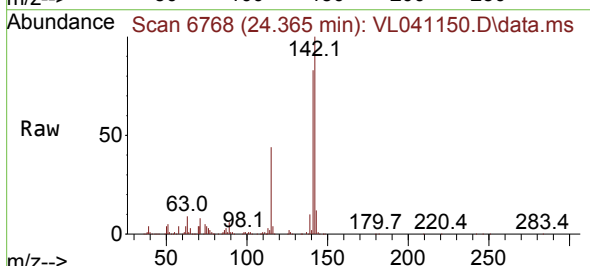
Tgt Ion:142 Resp: 982629

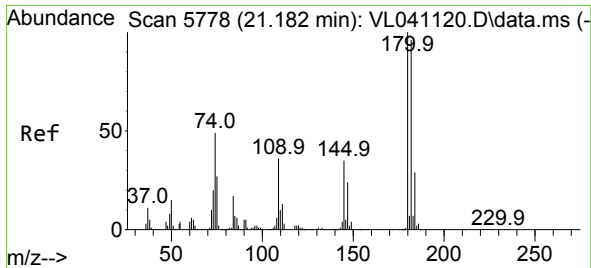
Ion Ratio Lower Upper

142 100

141 76.8 64.4 96.6

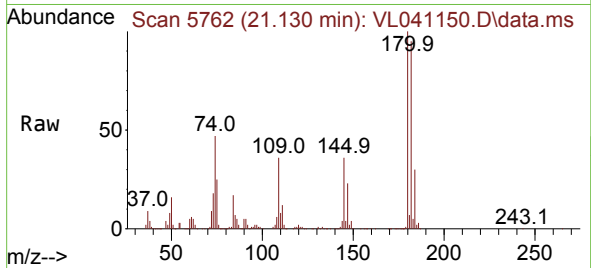
115 43.4 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.493 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041150.D
 Acq: 8 Apr 2024 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1479272

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.2
184	30.4	24.9	37.3

