

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041117.D
 Acq On : 15 Mar 2024 9:15
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Mar 16 02:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	1303712	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	3314526	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	3028871	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2525530	10.665	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.600%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.732	85	2143154	8.627	ppbv	98
3) Chlorodifluoromethane	2.678	51	1976514	10.323	ppbv	100
4) Chloromethane	2.816	50	751229	10.366	ppbv	98
5) Vinyl Chloride	2.922	62	783658	10.627	ppbv	97
6) Bromomethane	3.121	94	313648	10.725	ppbv	96
7) Chloroethane	3.202	64	275364	10.754	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1895785	10.509	ppbv	98
9) Propene	2.697	41	665187	10.432	ppbv	98
10) Heptane	7.590	43	1641814	10.761	ppbv	99
11) Trichlorofluoromethane	3.565	101	1989314	10.385	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.073	101	1408333	10.000	ppbv	100
13) Ethanol	3.240	45	49942	2.939	ppbv #	1
14) Bromoethene	3.372	108	591103	10.764	ppbv	99
15) Acetone	3.472	43	1374553	9.254	ppbv	100
16) 1,3-Butadiene	2.986	39	739460	10.975	ppbv	100
17) tert-Butyl alcohol	3.883	59	1344248	12.223	ppbv	99
18) 1,1-Dichloroethene	3.886	96	624381	10.157	ppbv	99
19) Isopropyl Alcohol	3.581	45	968186	12.204	ppbv	99
20) Methylene Chloride	3.941	84	522085	9.016	ppbv	96
21) Allyl Chloride	4.002	41	903015	10.765	ppbv	97
22) trans-1,2-Dichloroethene	4.452	96	636898	8.875	ppbv	96
23) Vinyl Acetate	4.636	43	1562467	9.296	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1286662	8.474	ppbv	99
25) Ethyl Acetate	5.214	43	2784928	10.407	ppbv	100
26) Hexane	5.221	57	1191631	9.964	ppbv	97
27) Carbon Disulfide	4.131	76	1530326	10.674	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	885940	8.378	ppbv	99
29) Chloroform	5.285	83	2050600	10.068	ppbv	95
30) Cyclohexane	6.613	84	1015830	10.250	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	1205702	10.356	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1995967	10.821	ppbv	100
34) 2-Butanone	4.793	43	1436142	8.751	ppbv	100
35) Carbon Tetrachloride	6.507	117	2124506	10.968	ppbv	97
36) Benzene	6.382	78	2578900	10.453	ppbv	98
37) 1,2-Dichloroethane	5.816	62	1542391	10.391	ppbv	100
38) Trichloroethene	7.308	130	1012135	11.295	ppbv	94
39) 1,2-Dichloropropane	7.086	63	1002041	10.153	ppbv	98
40) 1,4-Dioxane	7.301	88	390345	10.046	ppbv	91
41) Tetrahydrofuran	5.568	42	1022877	10.473	ppbv	99
42) Bromodichloromethane	7.263	83	2252290	10.591	ppbv	98
43) Methyl Methacrylate	7.484	69	1072294	11.236	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	4280041	10.388	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	798769	12.159	ppbv	98

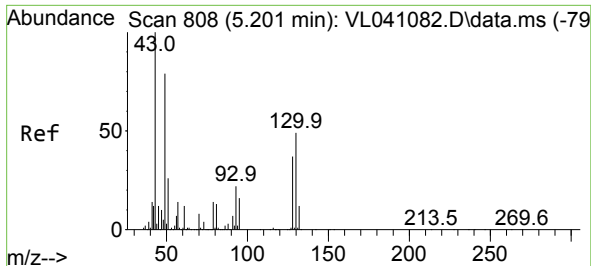
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041117.D
 Acq On : 15 Mar 2024 9:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Mar 16 02:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	953426	11.557	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	1105983	10.506	ppbv	99
48) Dibromochloromethane	9.725	129	1896865	11.055	ppbv	100
49) Bromoform	12.423	173	1568703	11.494	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2708553	11.191	ppbv	99
51) 2-Hexanone	9.561	43	1960349	11.057	ppbv	99
52) Tetrachloroethene	10.632	164	880894	11.511	ppbv	98
53) Toluene	9.237	91	2963126	11.142	ppbv	100
54) 1,2-Dibromoethane	10.025	107	1564116	11.553	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	1374666	10.608	ppbv	98
57) Chlorobenzene	11.542	112	2310315	10.821	ppbv	96
58) Ethyl Benzene	12.105	91	4035423	11.380	ppbv	100
59) m/p-Xylene	12.388	91	3596305	11.554	ppbv #	36
60) o-Xylene	13.076	91	3321419	11.238	ppbv	100
61) Styrene	12.915	104	1693482	12.689	ppbv	99
62) Isopropylbenzene	14.047	105	4876226	11.106	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	2533133	11.403	ppbv	99
64) n-propylbenzene	14.931	120	1266170	11.462	ppbv	100
65) tert-Butylbenzene	16.105	119	4305505	11.283	ppbv	99
66) Benzyl Chloride	16.343	91	337054	13.037	ppbv	97
67) sec-Butylbenzene	16.651	105	6140342	11.187	ppbv	100
69) p-Isopropyltoluene	17.011	119	4954922	11.572	ppbv	100
70) n-Butylbenzene	17.902	91	5353103	11.568	ppbv	100
71) 2-Chlorotoluene	14.815	91	3793194	11.295	ppbv	99
72) 4-Ethyltoluene	15.211	105	3874841	11.908	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	3346854	11.623	ppbv	95
74) 1,2,4-Trimethylbenzene	16.124	105	3713761	11.292	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	2165000	11.527	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	2092411	11.057	ppbv	98
77) 1,2-Dichlorobenzene	17.159	146	2098386	11.434	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1249963	9.675	ppbv	100
79) Naphthalene	21.403	128	3032442	15.922	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	645346	21.139	ppbv	94
81) 1,2,4-Trichlorobenzene	21.159	180	1464199	13.350	ppbv	98

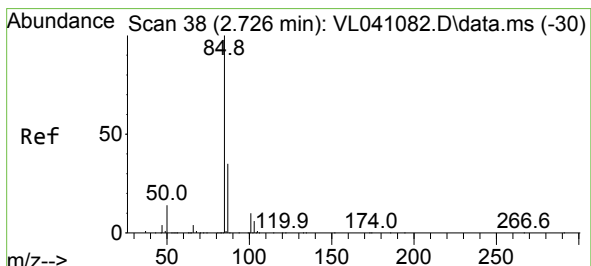
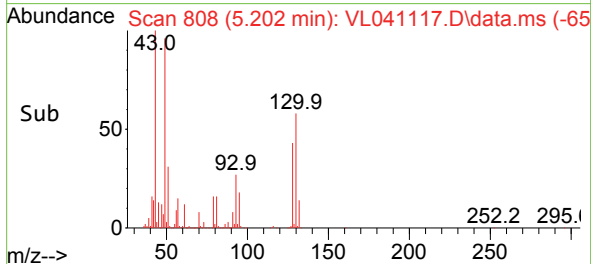
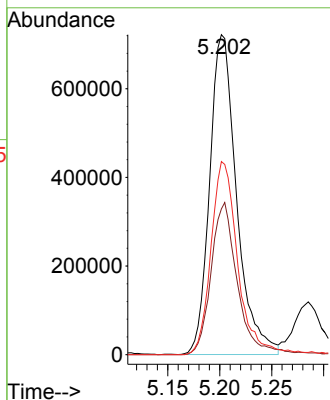
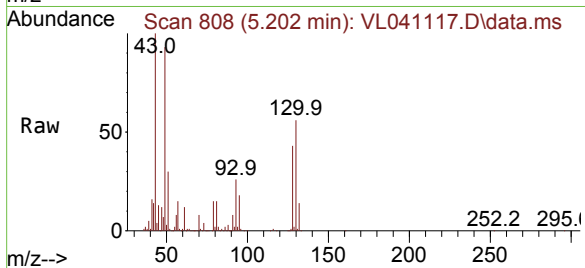
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.202 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

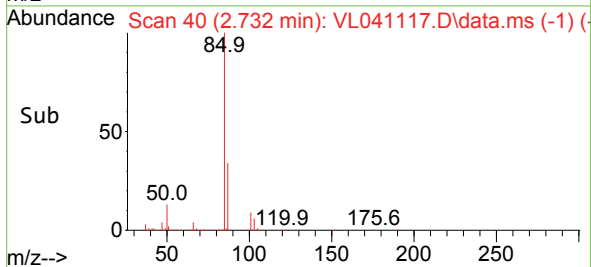
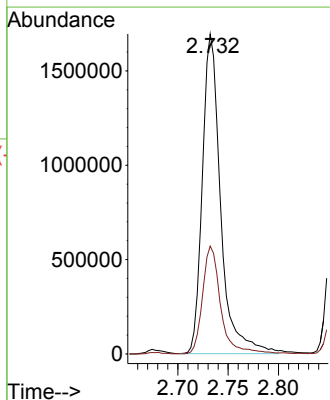
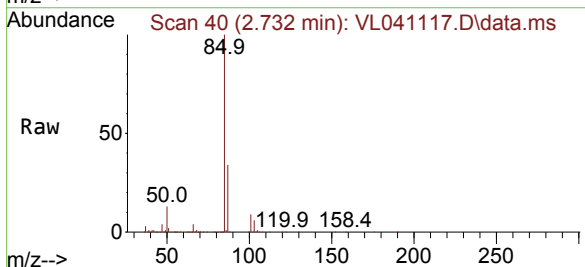
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

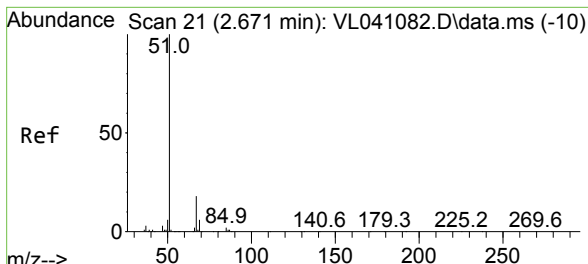
Tgt Ion: 49 Resp: 1303712
 Ion Ratio Lower Upper
 49 100
 128 46.8 23.8 71.5
 130 60.8 30.3 90.9



#2
 Dichlorodifluoromethane
 Concen: 8.627 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.007 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 85 Resp: 2143154
 Ion Ratio Lower Upper
 85 100
 87 33.7 28.1 42.1

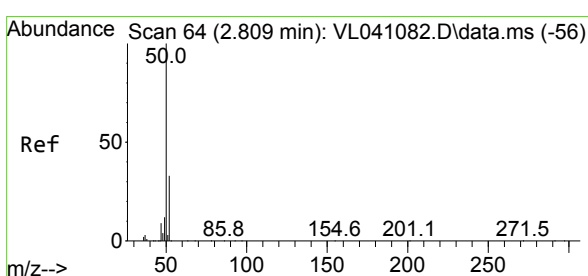
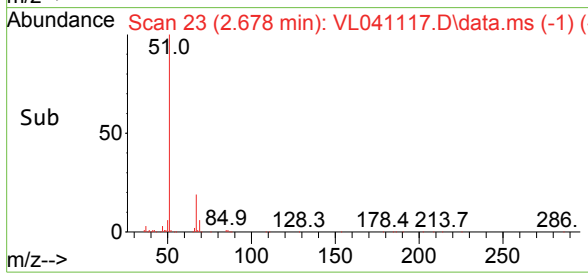
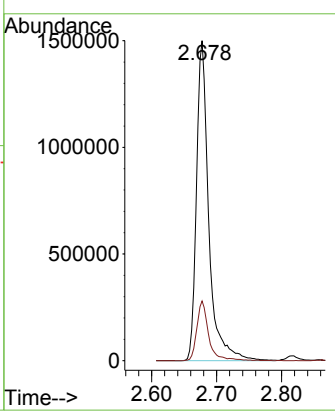
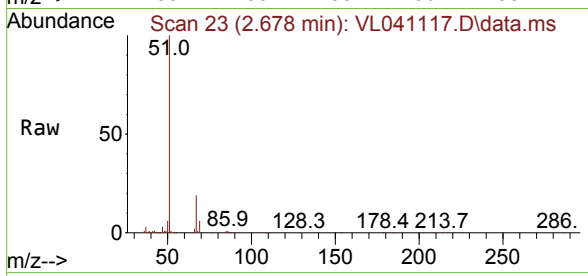




#3
 Chlorodifluoromethane
 Concen: 10.323 ppbv
 RT: 2.678 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

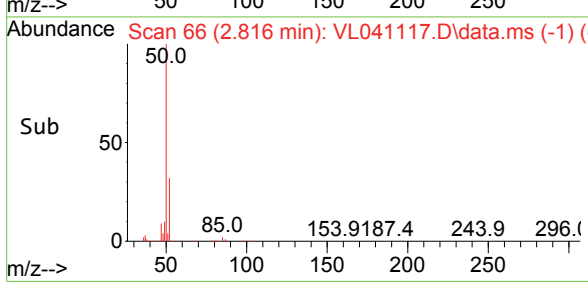
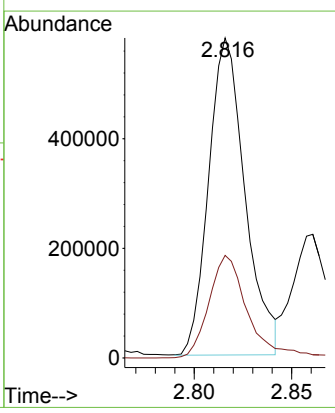
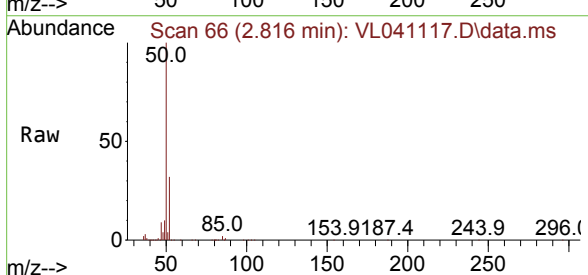
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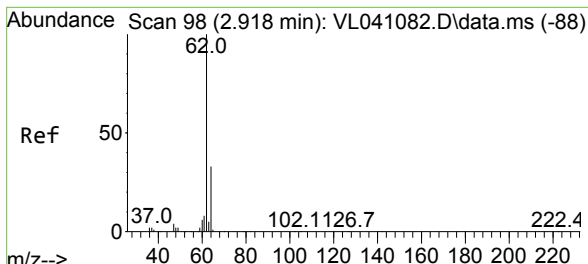
Tgt Ion: 51 Resp: 1976514
 Ion Ratio Lower Upper
 51 100
 67 18.1 14.5 21.7



#4
 Chloromethane
 Concen: 10.366 ppbv
 RT: 2.816 min Scan# 66
 Delta R.T. 0.007 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 50 Resp: 751229
 Ion Ratio Lower Upper
 50 100
 52 32.2 26.6 40.0

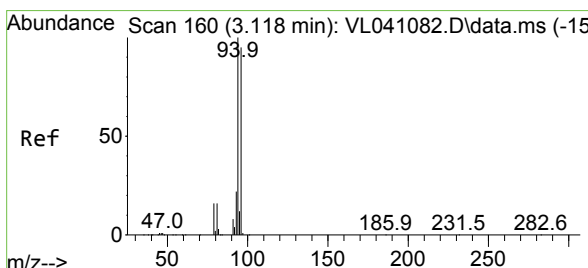
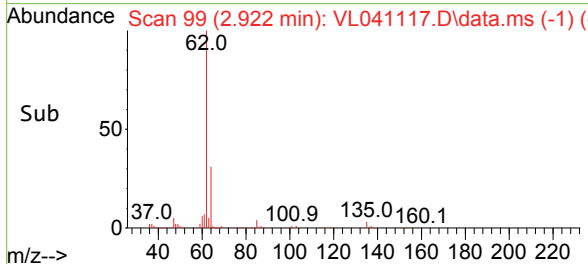
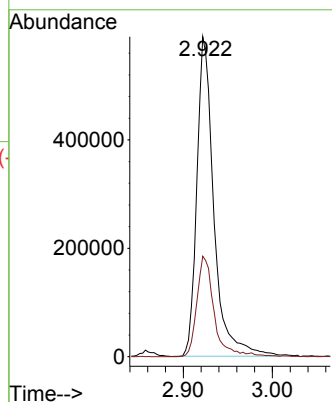
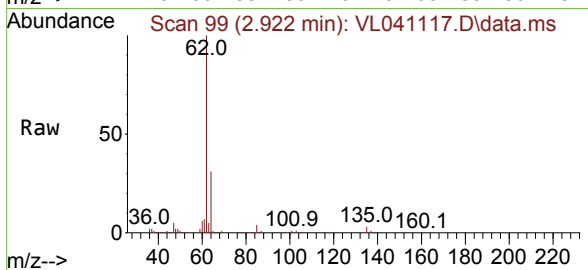




#5
 Vinyl Chloride
 Concen: 10.627 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

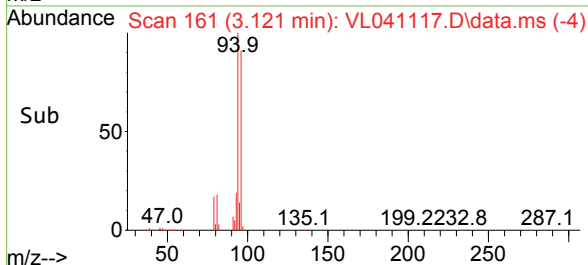
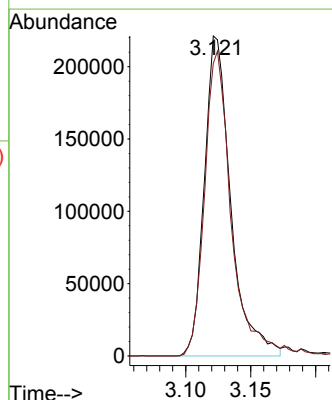
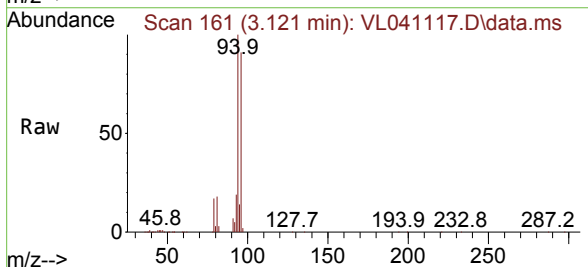
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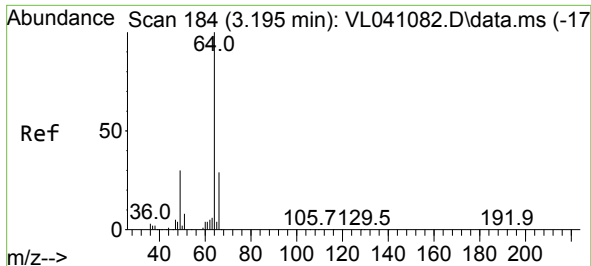
Tgt Ion: 62 Resp: 783658
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.5 39.7



#6
 Bromomethane
 Concen: 10.725 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 94 Resp: 313648
 Ion Ratio Lower Upper
 94 100
 96 91.3 76.0 114.0

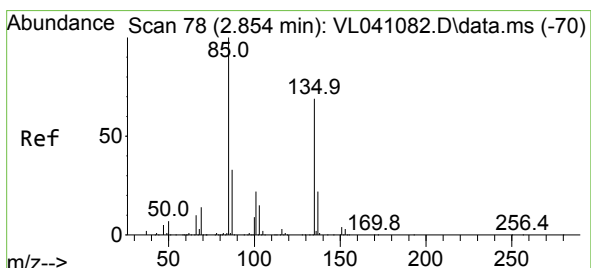
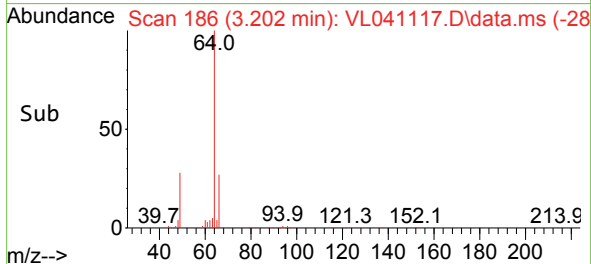
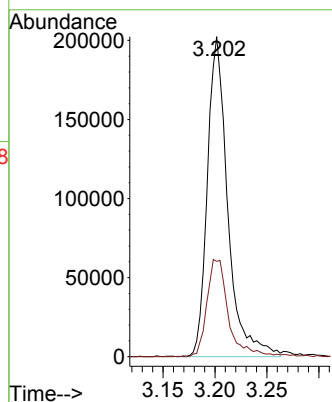
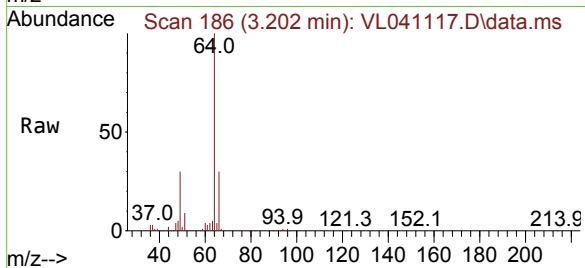




#7
Chloroethane
Concen: 10.754 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

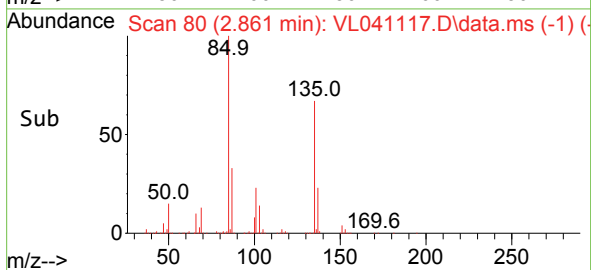
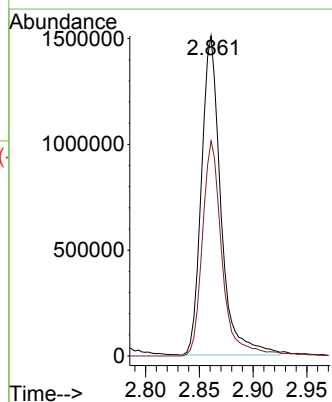
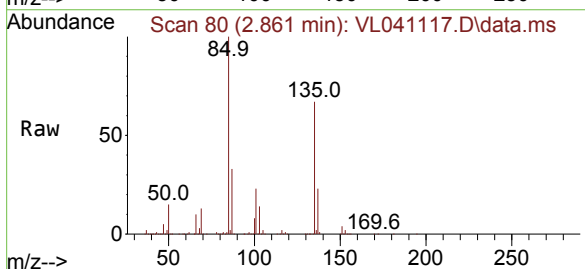
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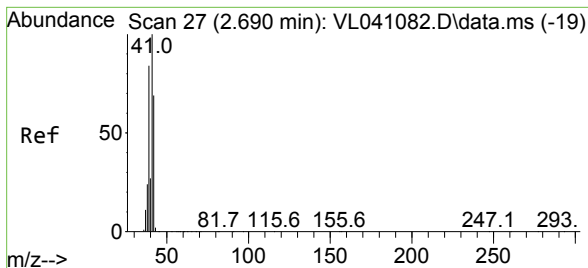
Tgt Ion: 64 Resp: 275364
Ion Ratio Lower Upper
64 100
66 29.8 23.2 34.8



#8
Dichlorotetrafluoroethane
Concen: 10.509 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 85 Resp: 1895785
Ion Ratio Lower Upper
85 100
135 69.2 56.7 85.1





#9

Propene

Concen: 10.432 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.007 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

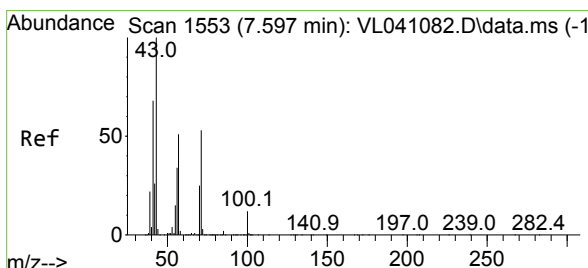
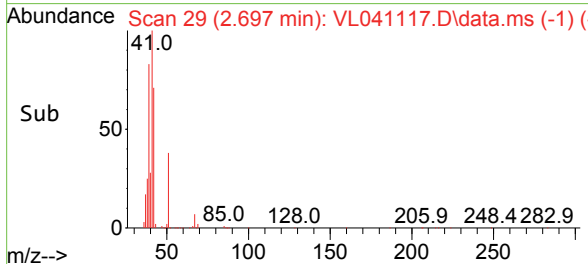
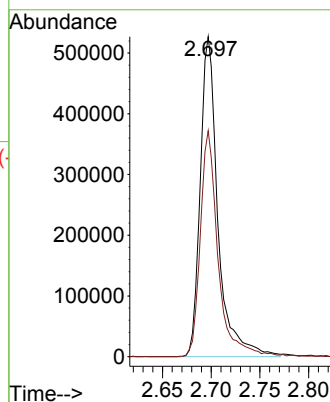
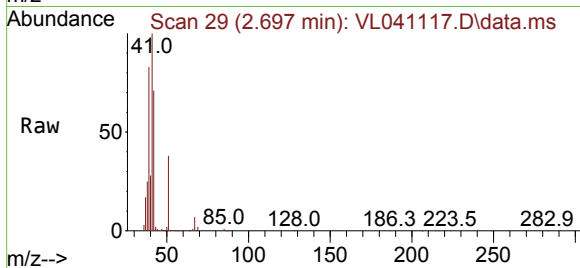
VSTDCCC010EC

Tgt Ion: 41 Resp: 665187

Ion Ratio Lower Upper

41 100

42 71.2 55.9 83.9



#10

Heptane

Concen: 10.761 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VL041117.D

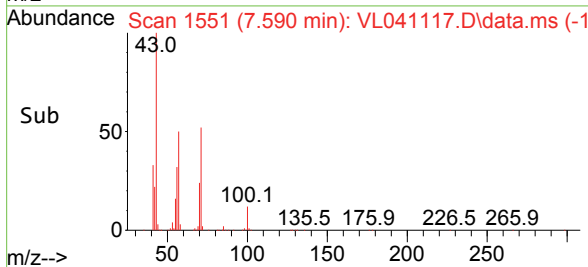
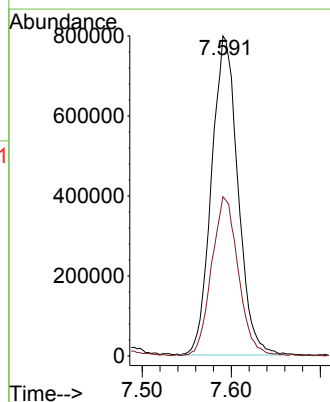
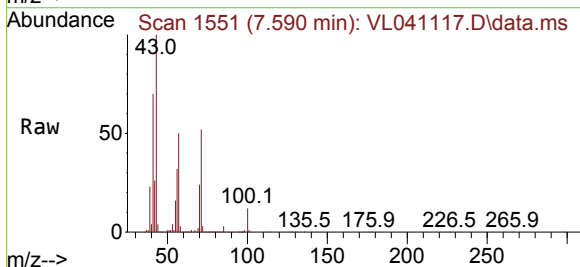
Acq: 15 Mar 2024 9:15

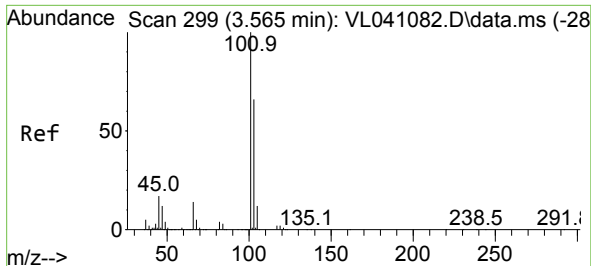
Tgt Ion: 43 Resp: 1641814

Ion Ratio Lower Upper

43 100

57 50.3 41.0 61.6

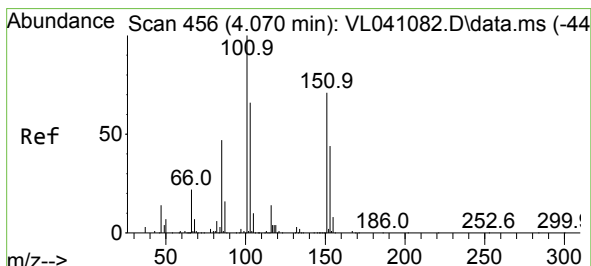
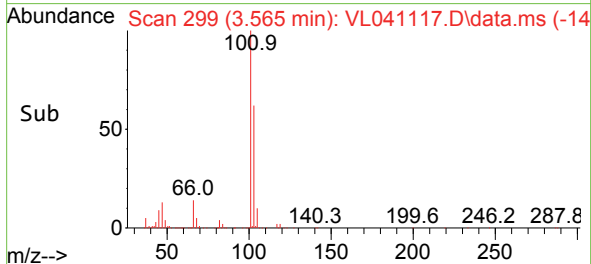
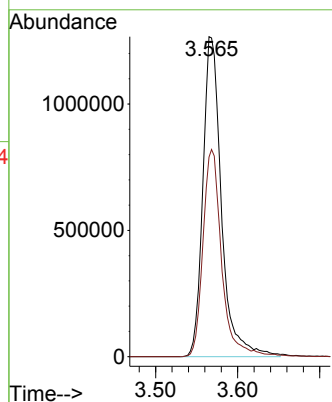
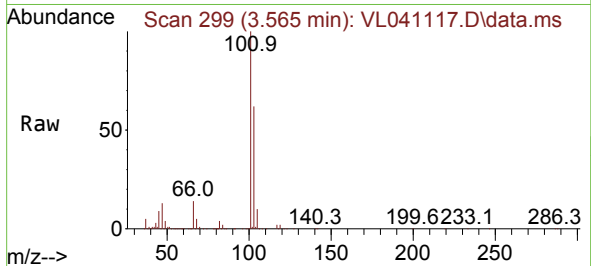




#11
 Trichlorofluoromethane
 Concen: 10.385 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. 0.000 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

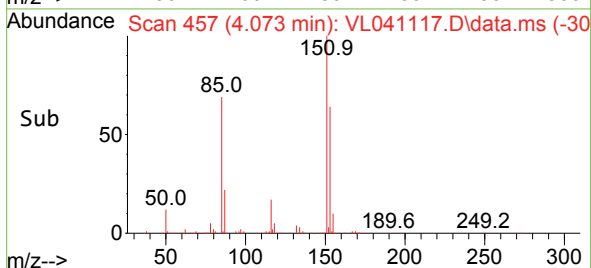
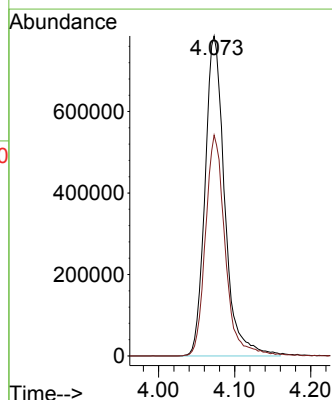
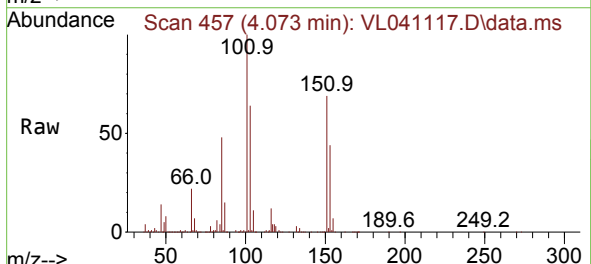
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

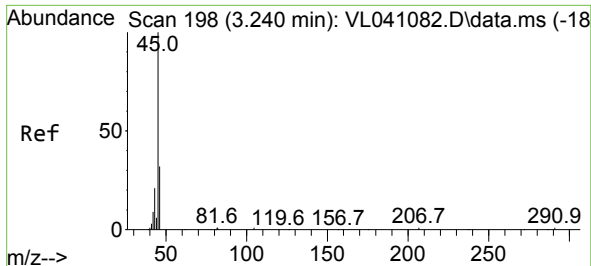
Tgt Ion:101 Resp: 1989314
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.0 79.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.000 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion:101 Resp: 1408333
 Ion Ratio Lower Upper
 101 100
 151 69.6 55.8 83.8

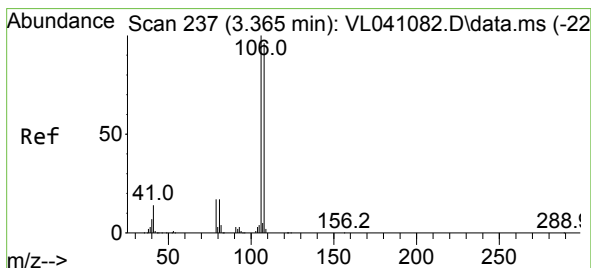
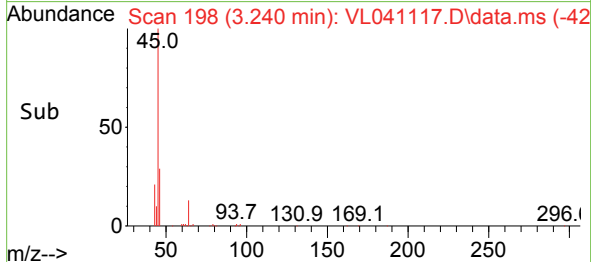
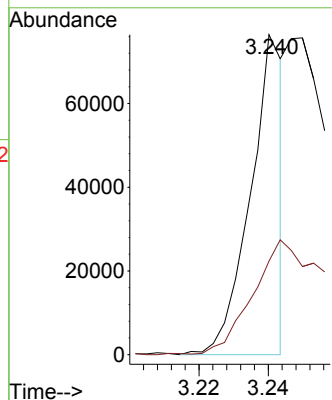
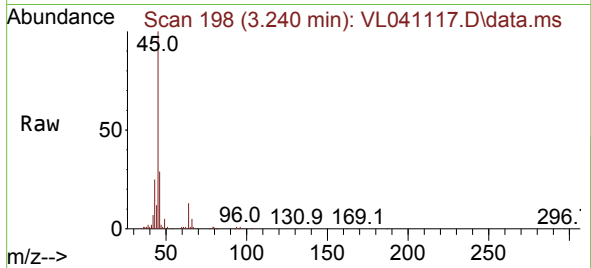




#13
Ethanol
Concen: 2.939 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

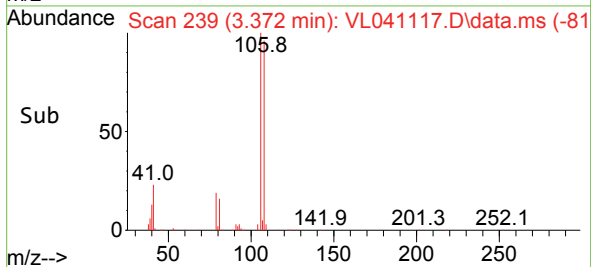
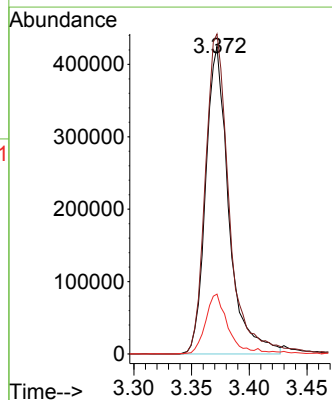
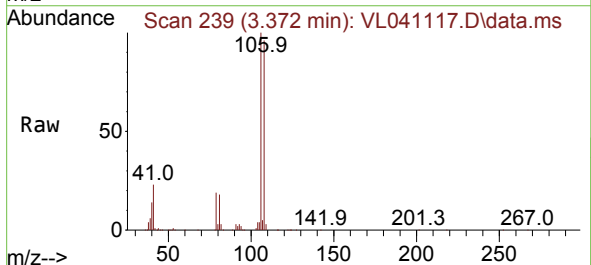
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

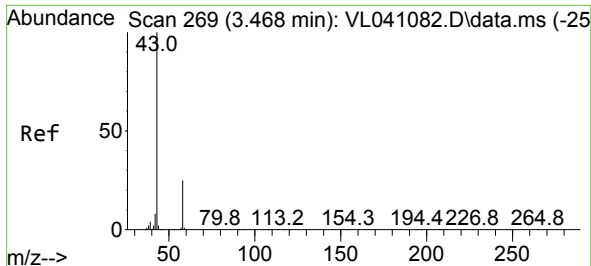
Tgt Ion: 45 Resp: 49942
Ion Ratio Lower Upper
45 100
46 117.4 14.6 58.2#



#14
Bromoethene
Concen: 10.764 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.007 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 108 Resp: 591103
Ion Ratio Lower Upper
108 100
106 109.4 88.1 132.1
79 20.1 15.6 23.4

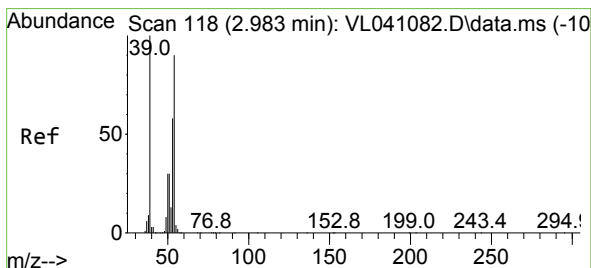
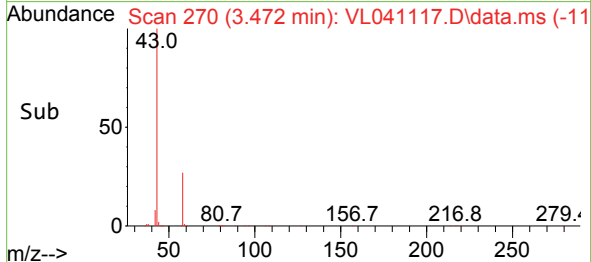
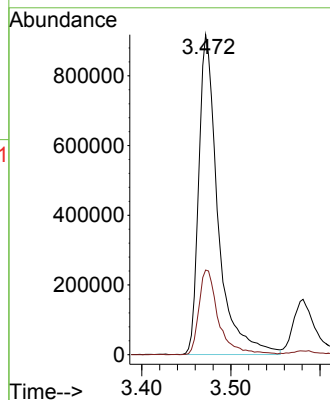
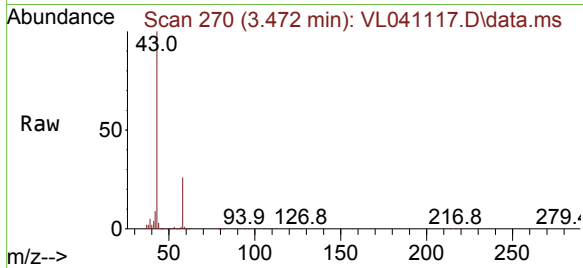




#15
Acetone
Concen: 9.254 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

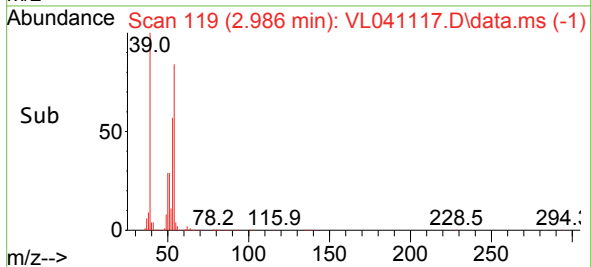
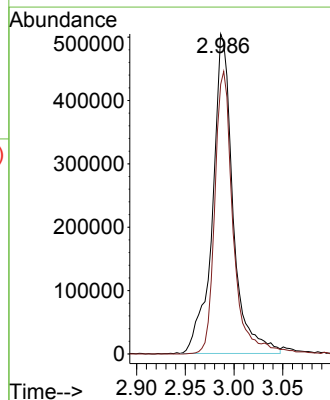
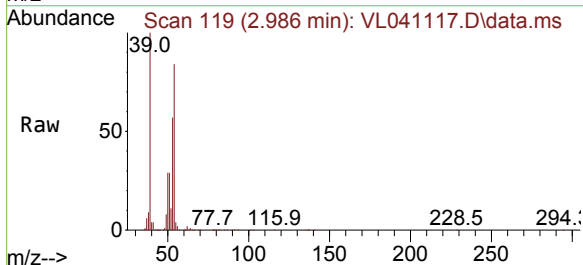
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

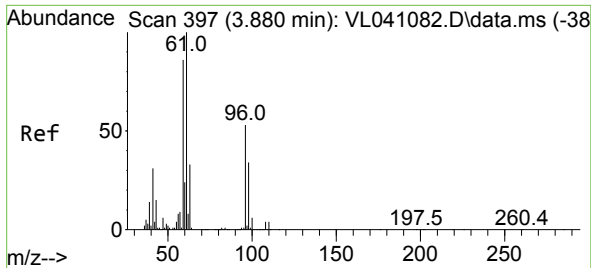
Tgt Ion: 43 Resp: 1374553
Ion Ratio Lower Upper
43 100
58 27.2 21.7 32.5



#16
1,3-Butadiene
Concen: 10.975 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 39 Resp: 739460
Ion Ratio Lower Upper
39 100
54 79.7 64.0 96.0





#17

tert-Butyl alcohol

Concen: 12.223 ppbv

RT: 3.883 min Scan# 397

Delta R.T. 0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

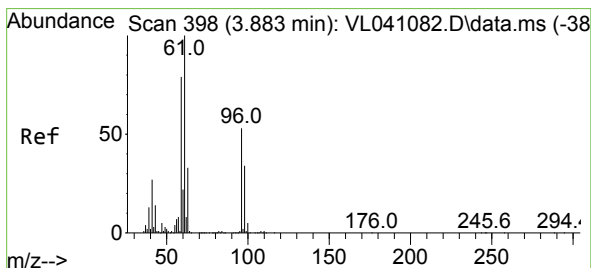
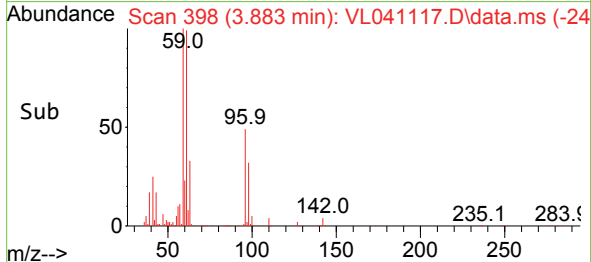
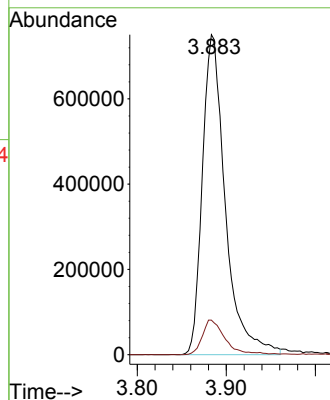
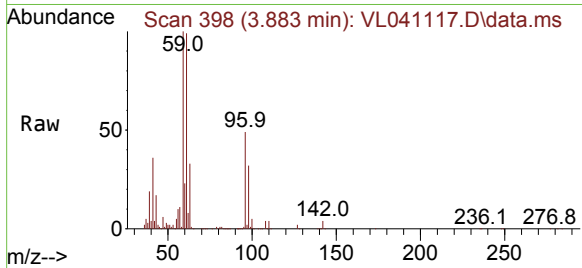
VSTDCCC010EC

Tgt Ion: 59 Resp: 1344248

Ion Ratio Lower Upper

59 100

57 11.0 9.0 13.6



#18

1,1-Dichloroethene

Concen: 10.157 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

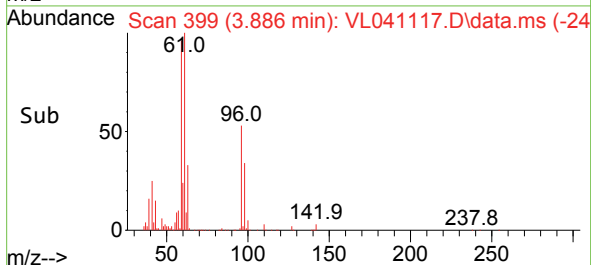
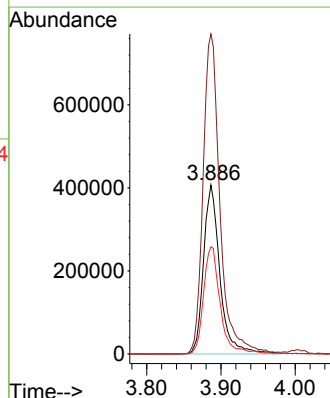
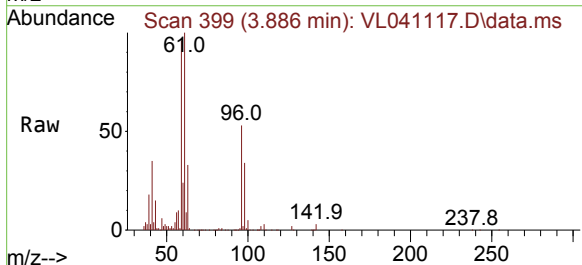
Tgt Ion: 96 Resp: 624381

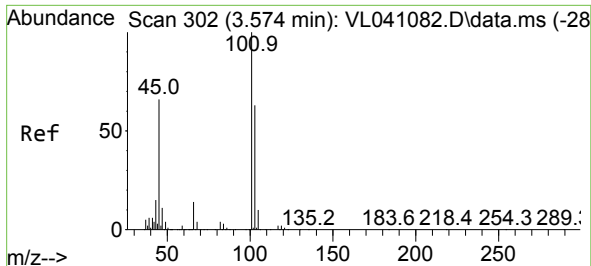
Ion Ratio Lower Upper

96 100

61 189.4 150.2 225.2

98 63.5 50.7 76.1

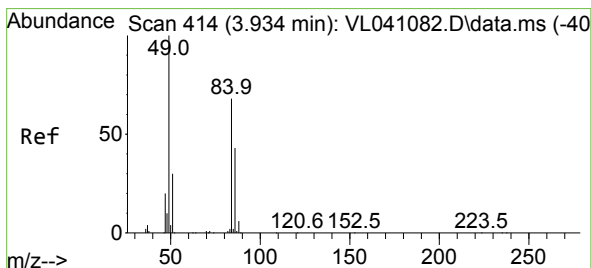
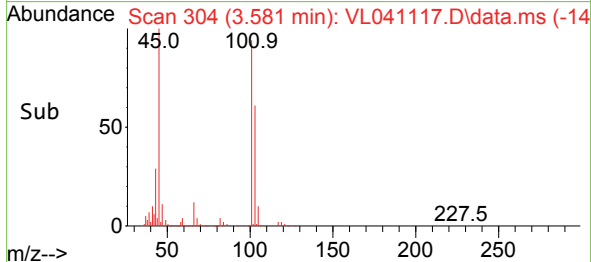
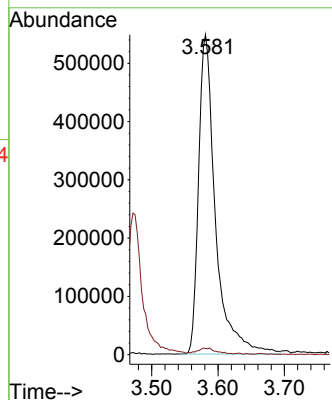
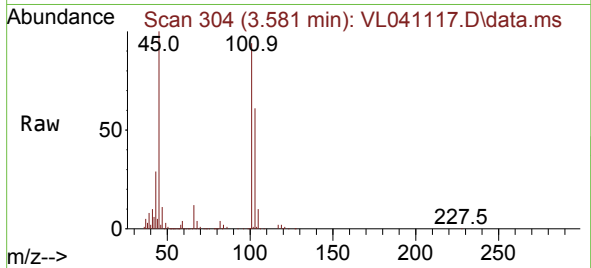




#19
Isopropyl Alcohol
Concen: 12.204 ppbv
RT: 3.581 min Scan# 302
Delta R.T. 0.007 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

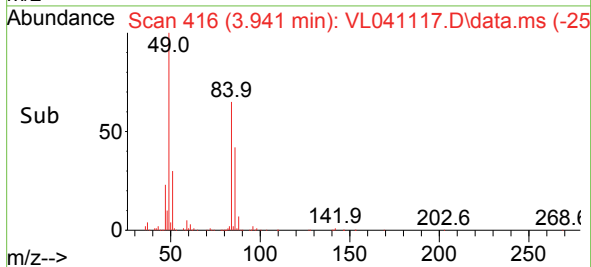
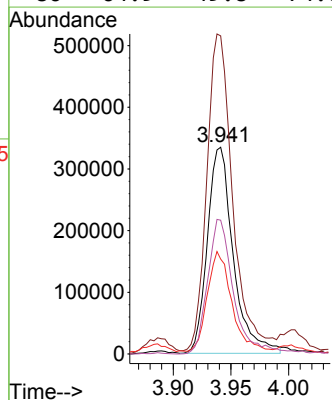
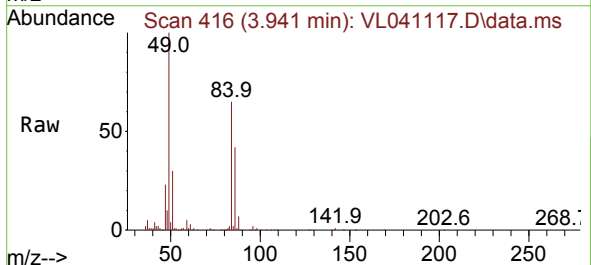
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

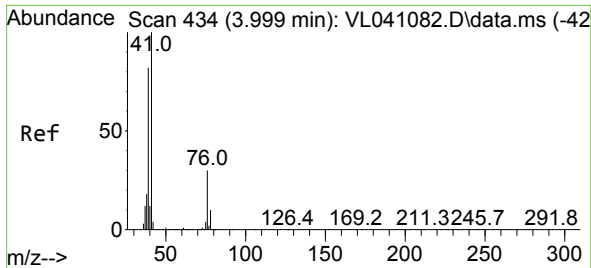
Tgt Ion: 45 Resp: 968186
Ion Ratio Lower Upper
45 100
58 2.3 2.2 3.4



#20
Methylene Chloride
Concen: 9.016 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.007 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 84 Resp: 522085
Ion Ratio Lower Upper
84 100
49 152.8 117.0 175.6
51 44.5 34.9 52.3
86 64.9 49.8 74.6

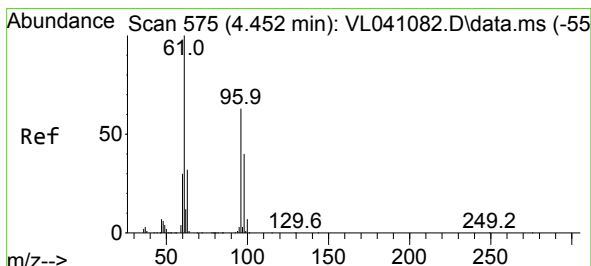
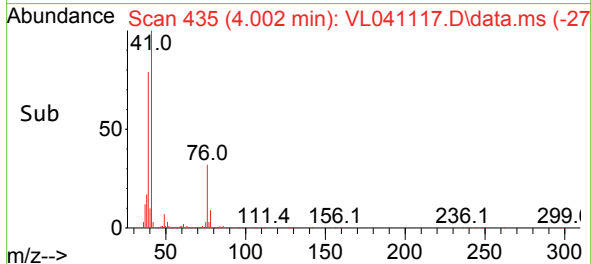
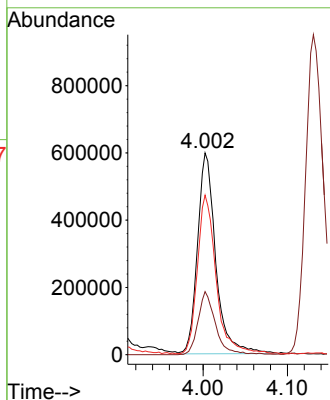
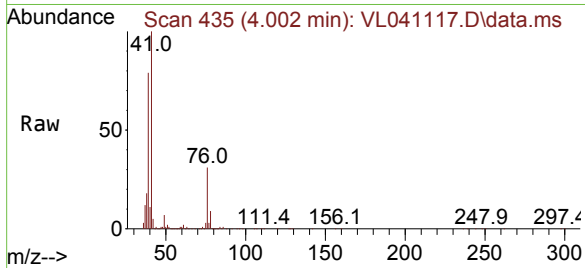




#21
 Allyl Chloride
 Concen: 10.765 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

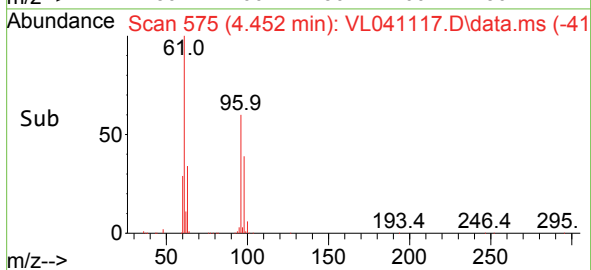
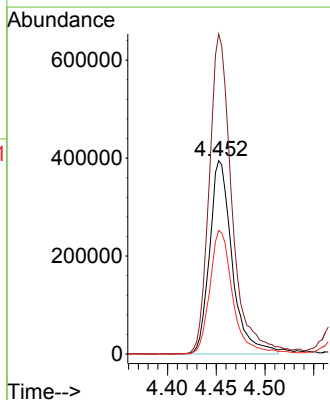
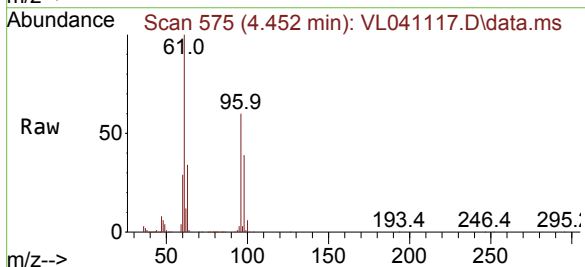
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

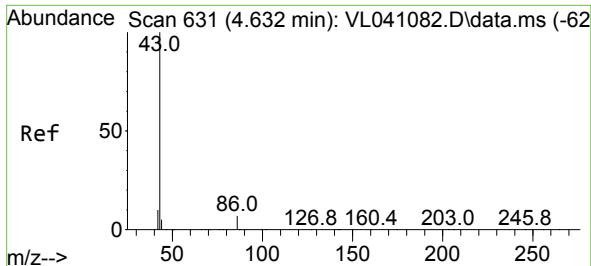
Tgt Ion: 41 Resp: 903015
 Ion Ratio Lower Upper
 41 100
 76 30.2 25.5 38.3
 39 81.3 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.875 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 96 Resp: 636898
 Ion Ratio Lower Upper
 96 100
 61 165.5 126.7 190.1
 98 63.9 50.1 75.1



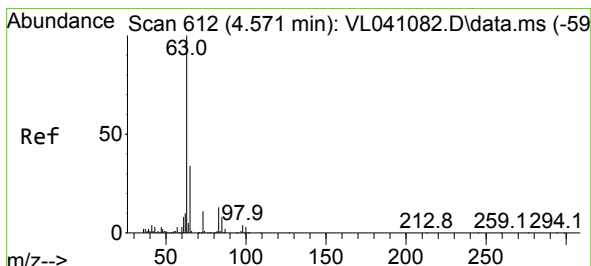
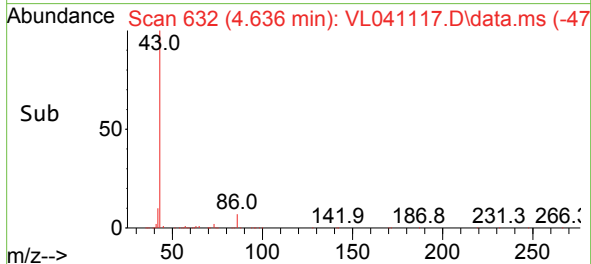
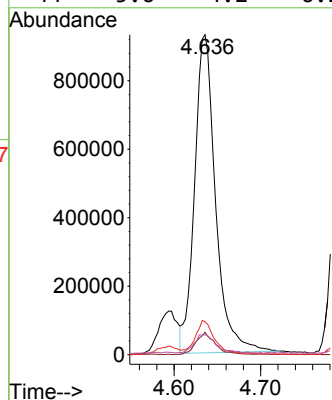
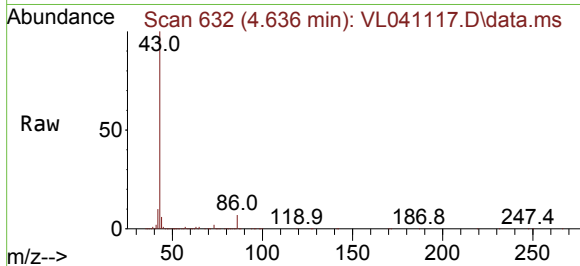


#23
 Vinyl Acetate
 Concen: 9.296 ppbv
 RT: 4.636 min Scan# 612
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1562467

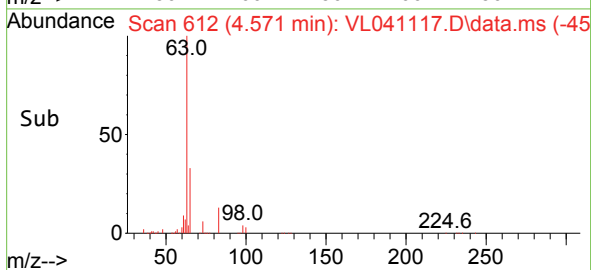
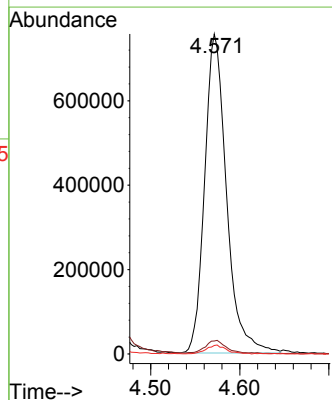
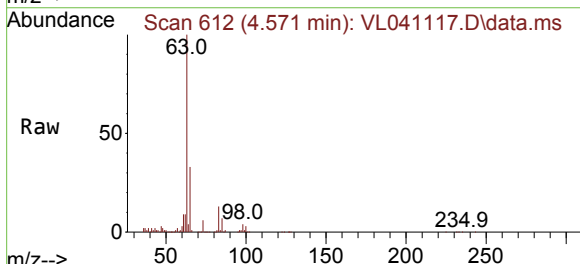
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.4	8.2
42	10.2	8.0	12.0
44	5.6	4.2	6.2

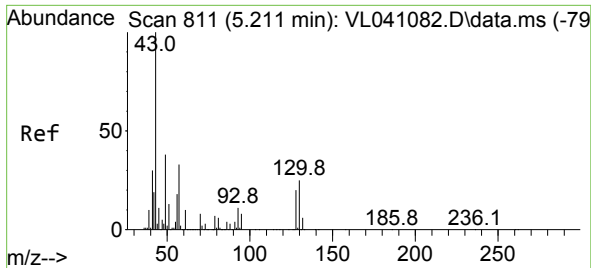


#24
 1,1-Dichloroethane
 Concen: 8.474 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 63 Resp: 1286662

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.5
100	2.6	1.4	4.2



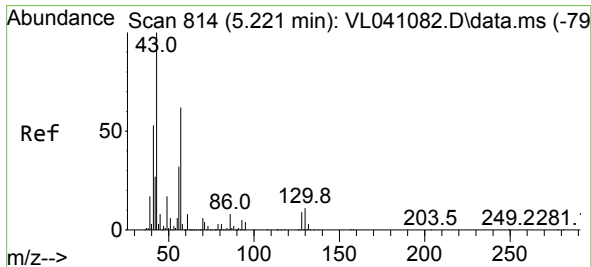
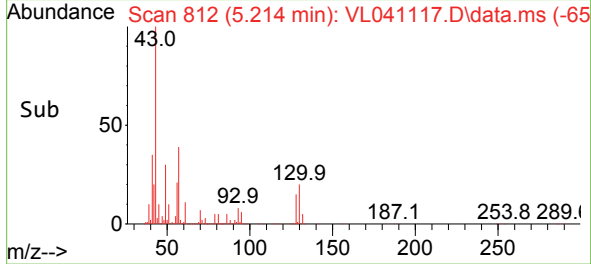
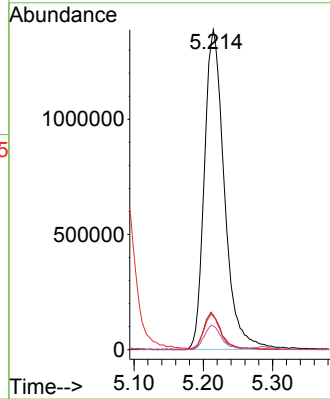
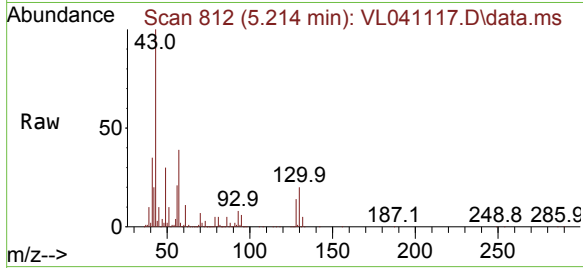


#25
Ethyl Acetate
Concen: 10.407 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2784928

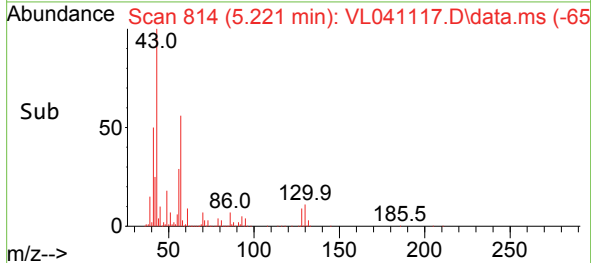
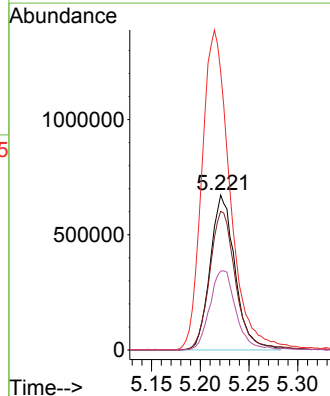
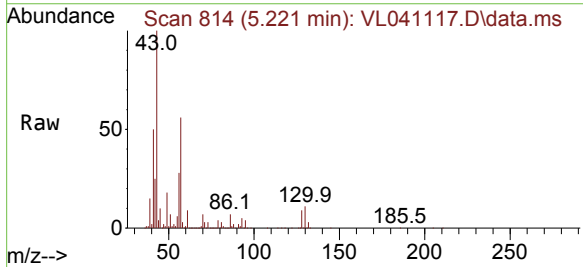
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.0	8.2	12.2
70	6.7	5.5	8.3

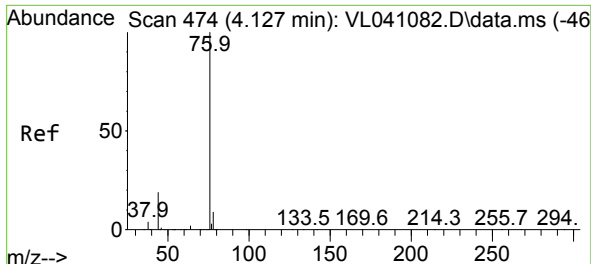


#26
Hexane
Concen: 9.964 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 57 Resp: 1191631

Ion	Ratio	Lower	Upper
57	100		
41	95.1	73.8	110.6
43	235.6	184.2	276.2
56	54.7	43.1	64.7

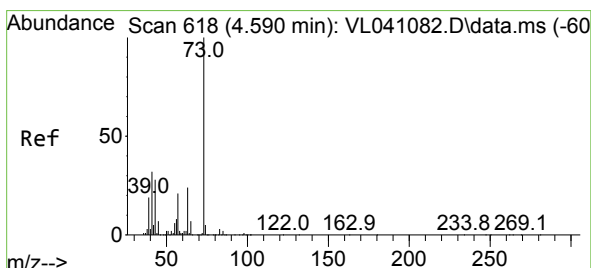
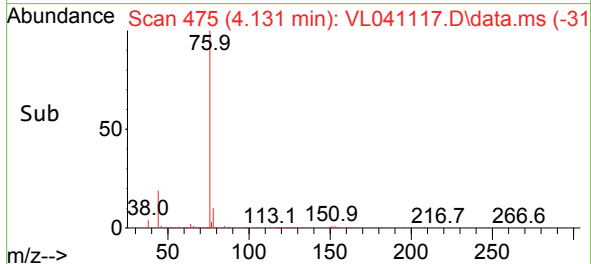
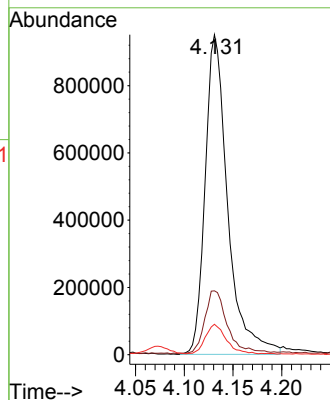
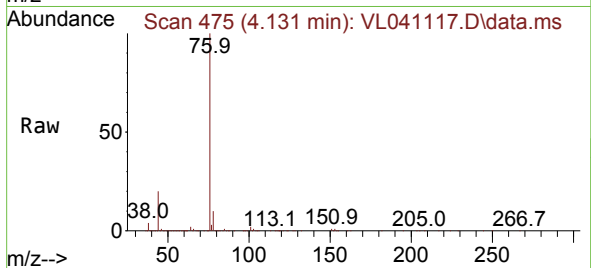




#27
Carbon Disulfide
Concen: 10.674 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

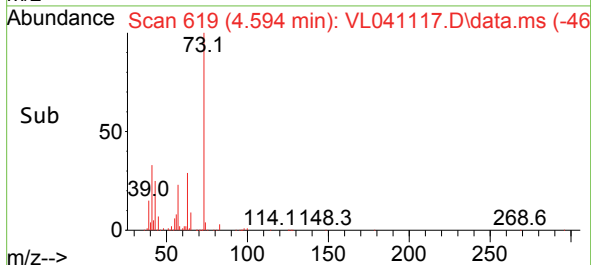
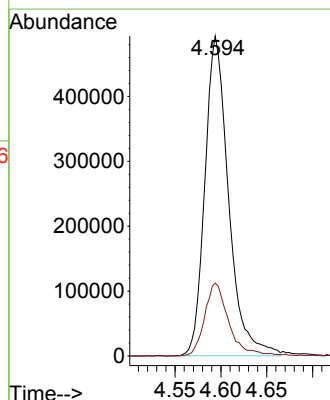
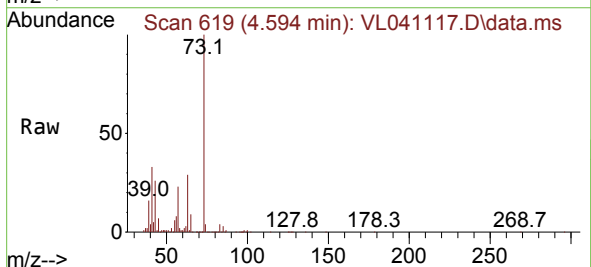
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

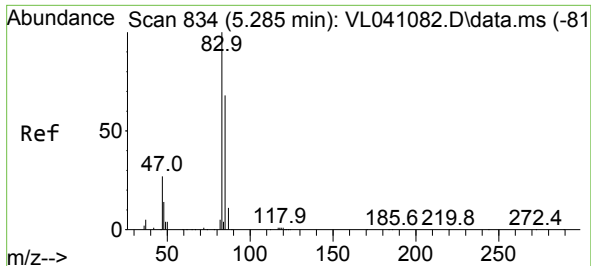
Tgt Ion: 76 Resp: 1530326
Ion Ratio Lower Upper
76 100
44 20.3 16.0 24.0
78 9.8 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 8.378 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 73 Resp: 885940
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4

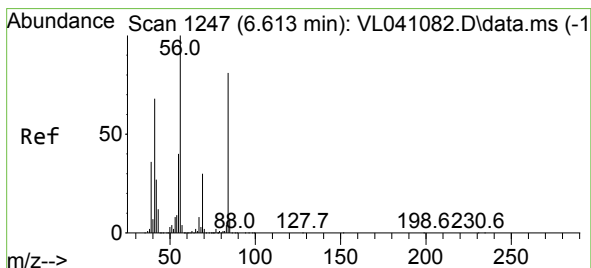
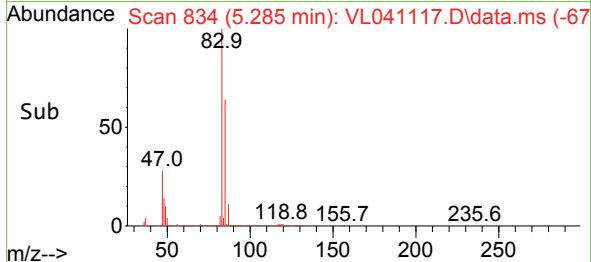
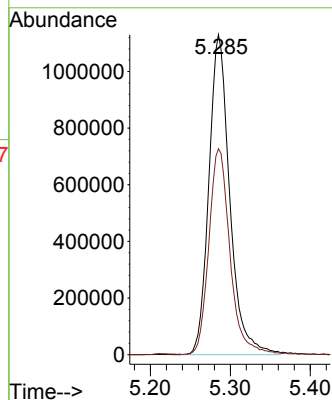
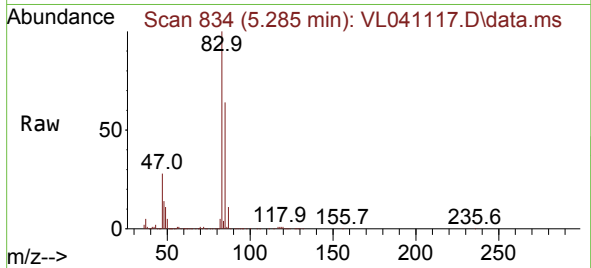




#29
Chloroform
Concen: 10.068 ppbv
RT: 5.285 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

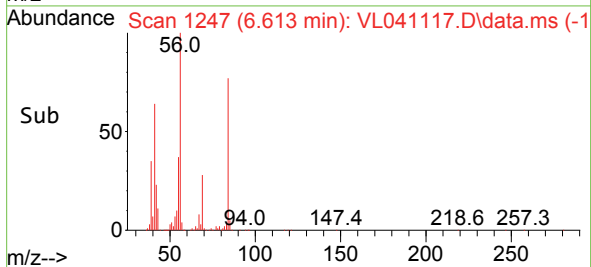
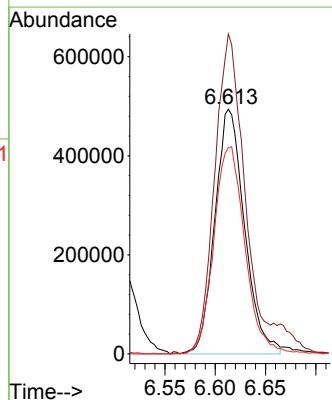
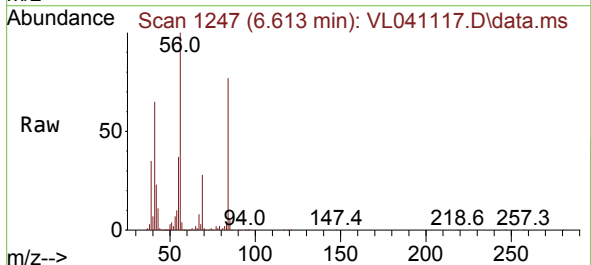
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

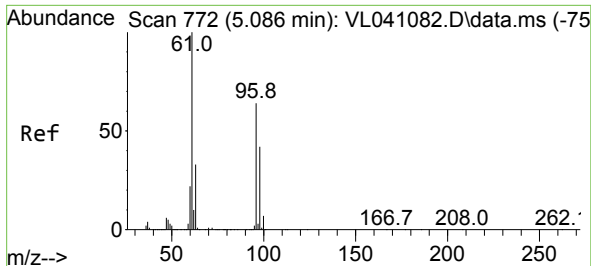
Tgt Ion: 83 Resp: 2050600
Ion Ratio Lower Upper
83 100
85 64.1 54.6 82.0



#30
Cyclohexane
Concen: 10.250 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 84 Resp: 1015830
Ion Ratio Lower Upper
84 100
56 139.1 110.4 165.6
41 88.7 70.6 105.8

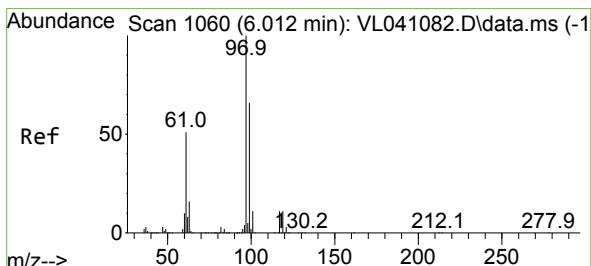
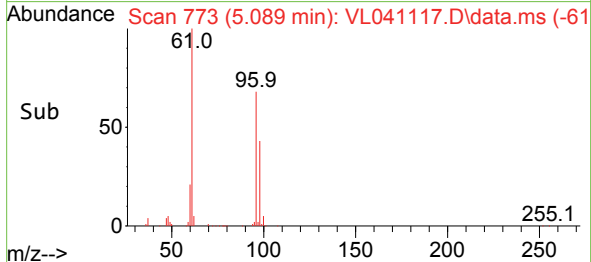
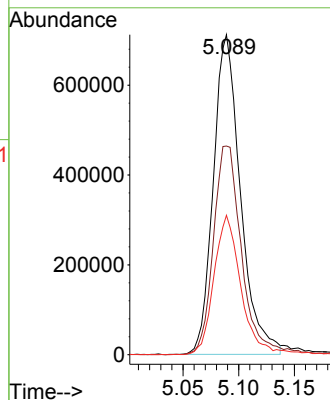
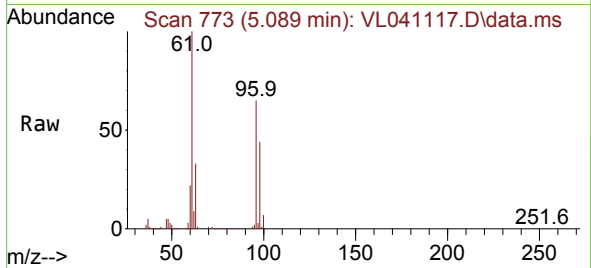




#31
 cis-1,2-Dichloroethene
 Concen: 10.356 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

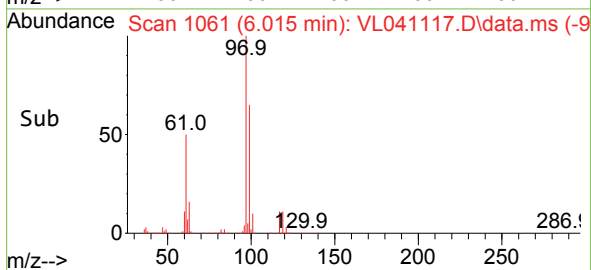
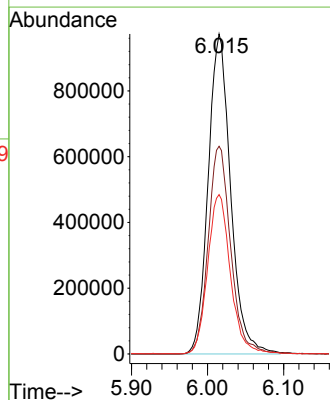
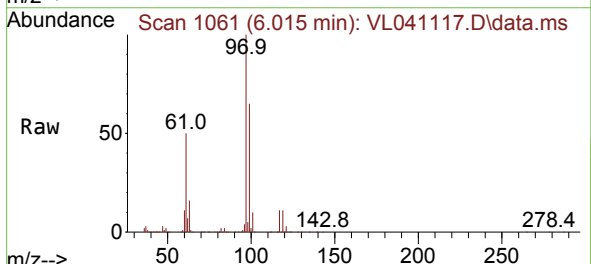
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

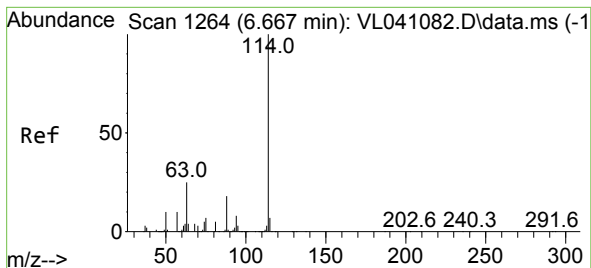
Tgt Ion: 61 Resp: 1205702
 Ion Ratio Lower Upper
 61 100
 96 65.2 51.2 76.8
 98 43.6 33.4 50.0



#32
 1,1,1-Trichloroethane
 Concen: 10.821 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 97 Resp: 1995967
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.4 78.6
 61 50.9 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.665 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

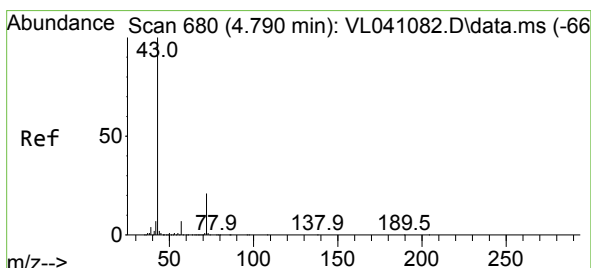
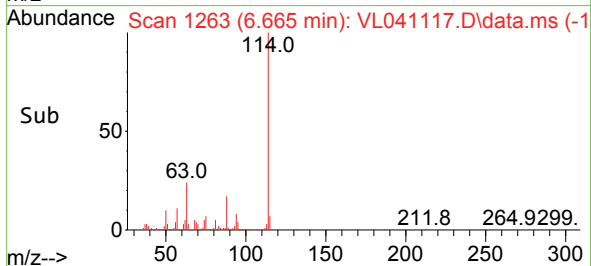
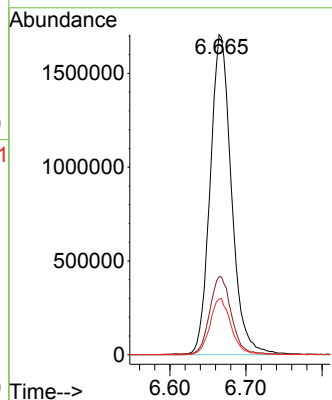
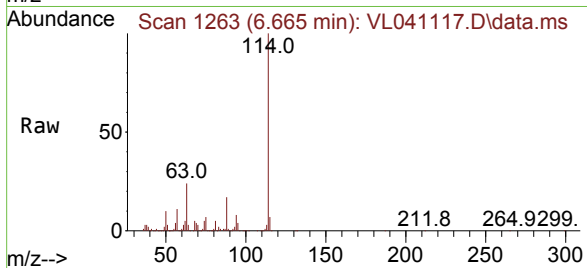
Tgt Ion:114 Resp: 3314526

Ion Ratio Lower Upper

114 100

63 25.4 21.0 31.6

88 17.5 14.6 22.0



#34

2-Butanone

Concen: 8.751 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.003 min

Lab File: VL041117.D

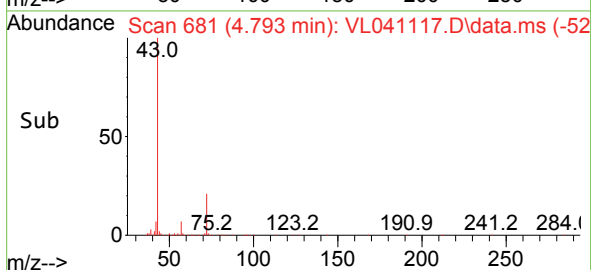
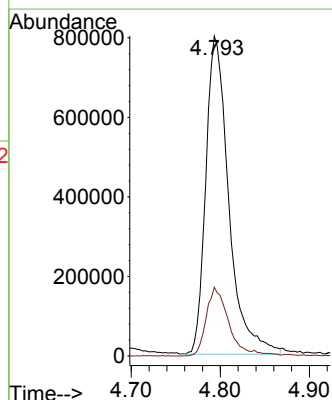
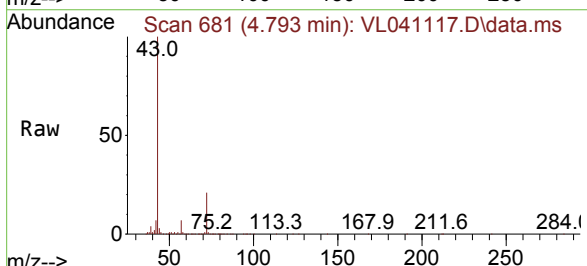
Acq: 15 Mar 2024 9:15

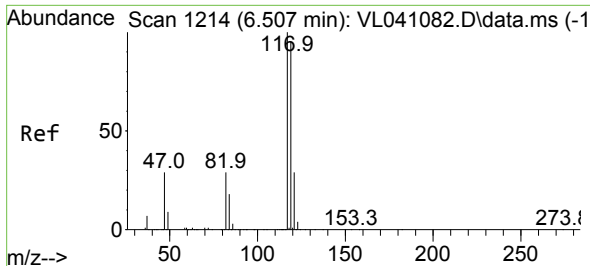
Tgt Ion: 43 Resp: 1436142

Ion Ratio Lower Upper

43 100

72 21.5 17.4 26.0

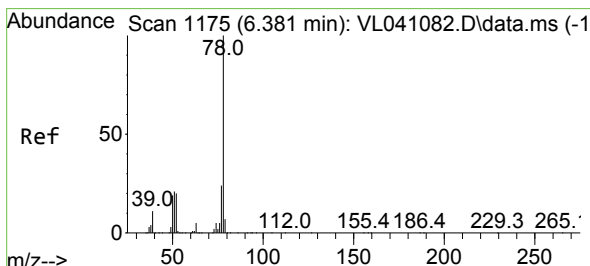
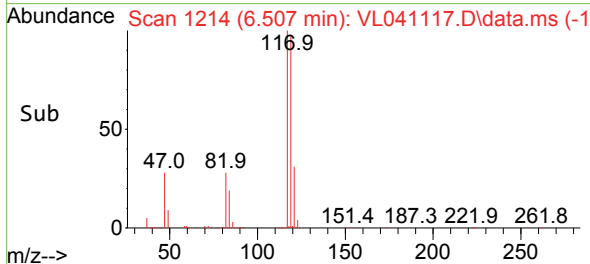
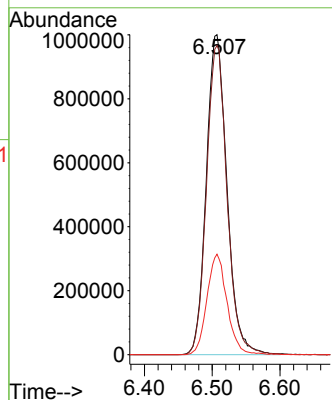
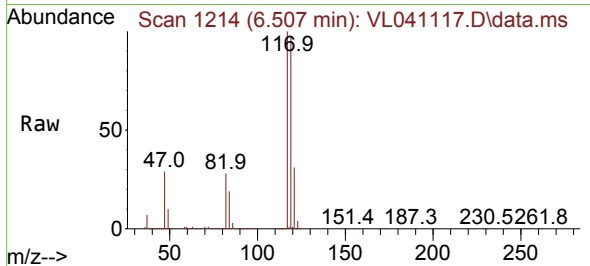




#35
Carbon Tetrachloride
Concen: 10.968 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

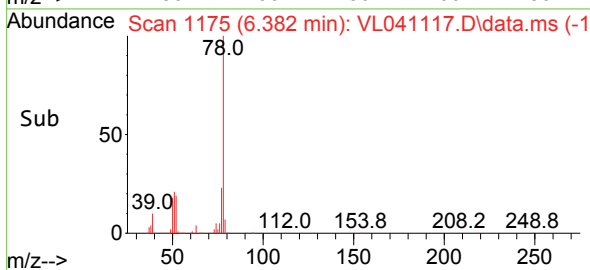
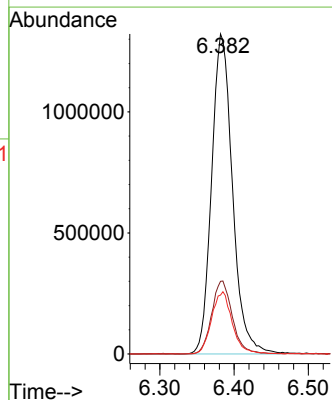
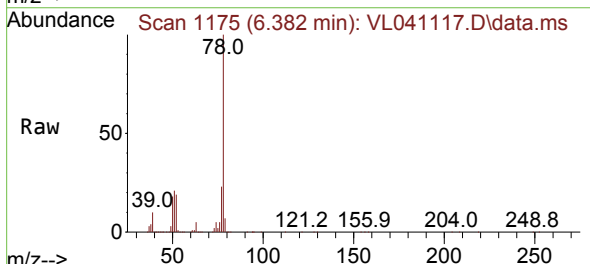
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

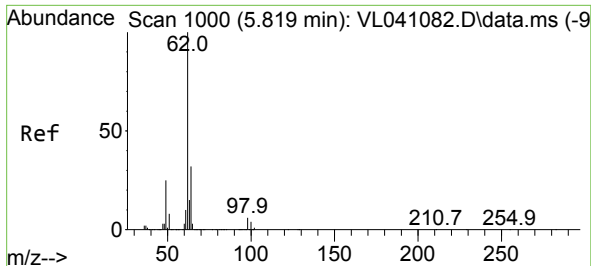
Tgt Ion:117 Resp: 2124506
Ion Ratio Lower Upper
117 100
119 96.6 75.6 113.4
121 31.4 23.4 35.2



#36
Benzene
Concen: 10.453 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 78 Resp: 2578900
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2
50 18.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.391 ppbv

RT: 5.816 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

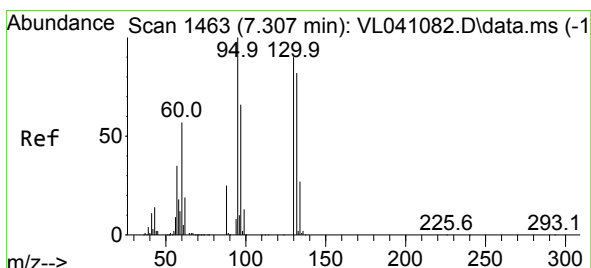
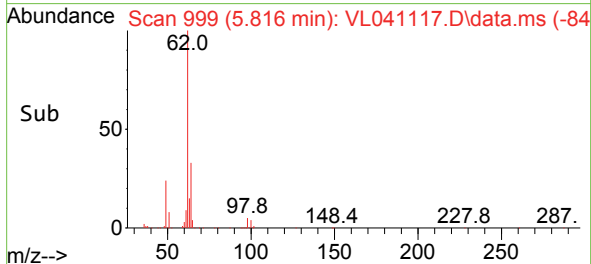
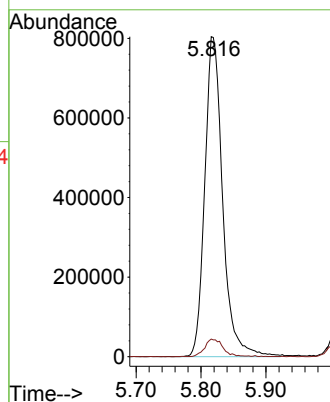
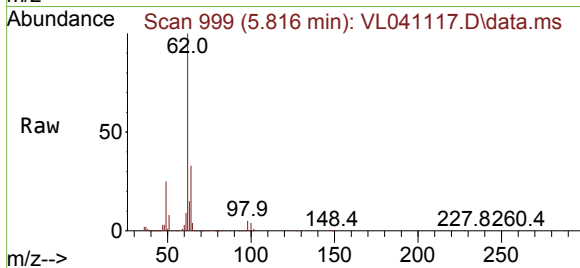
VSTDCCC010EC

Tgt Ion: 62 Resp: 1542391

Ion Ratio Lower Upper

62 100

98 5.8 4.6 6.8



#38

Trichloroethene

Concen: 11.295 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Tgt Ion:130 Resp: 1012135

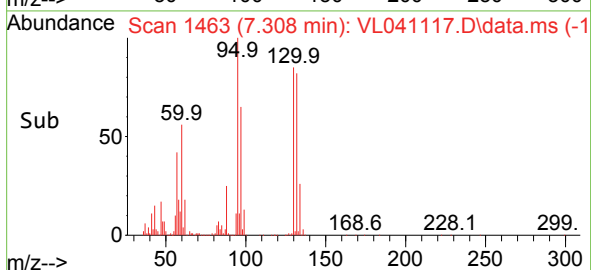
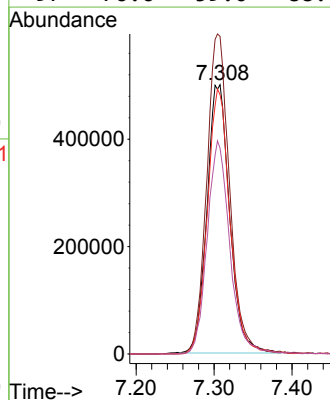
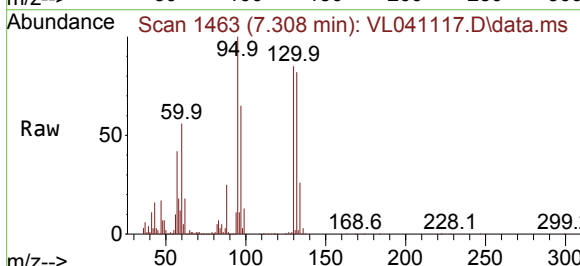
Ion Ratio Lower Upper

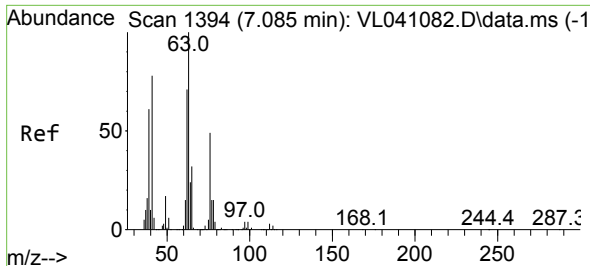
130 100

95 118.2 88.8 133.2

132 96.5 73.0 109.4

97 76.6 59.0 88.4





#39

1,2-Dichloropropane

Concen: 10.153 ppbv

RT: 7.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

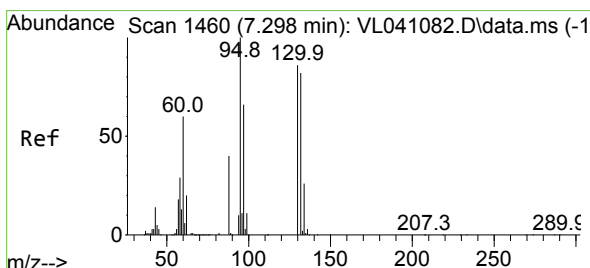
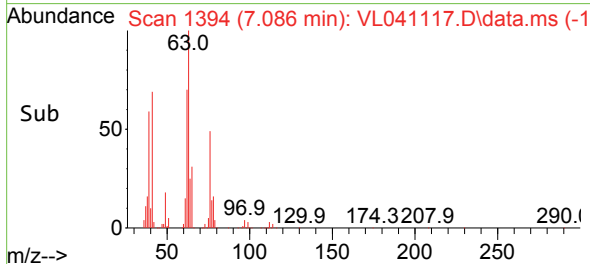
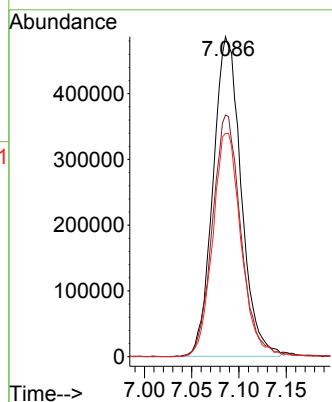
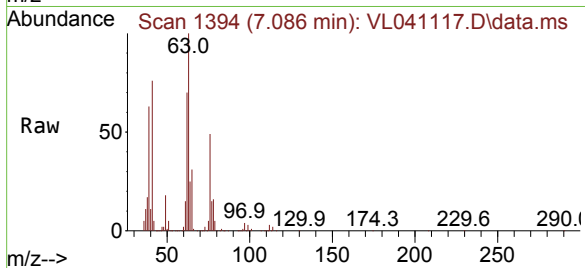
Tgt Ion: 63 Resp: 1002041

Ion Ratio Lower Upper

63 100

41 75.5 62.2 93.4

62 69.7 57.0 85.4



#40

1,4-Dioxane

Concen: 10.046 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Tgt Ion: 88 Resp: 390345

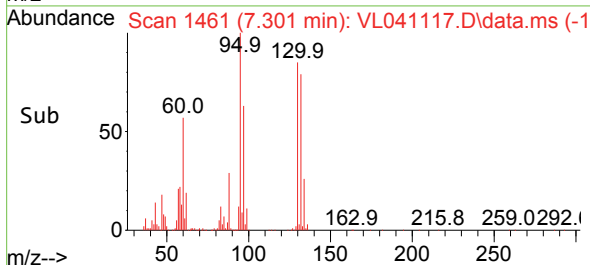
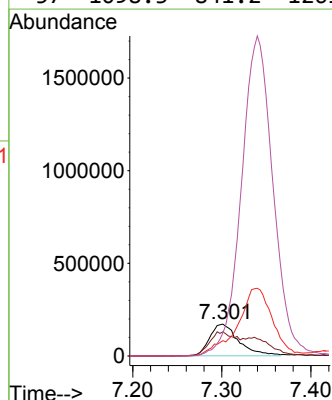
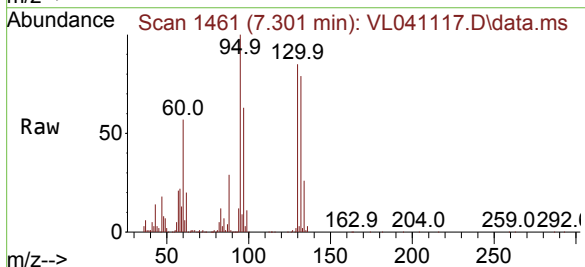
Ion Ratio Lower Upper

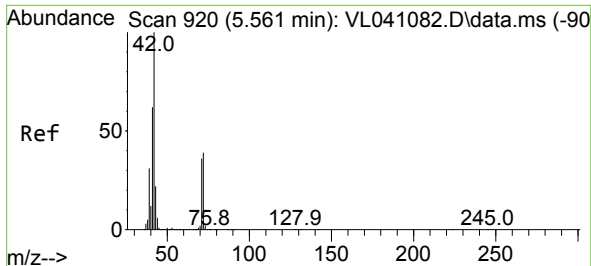
88 100

58 127.4 96.3 144.5

43 255.7 195.7 293.5

57 1098.3 841.2 1261.8

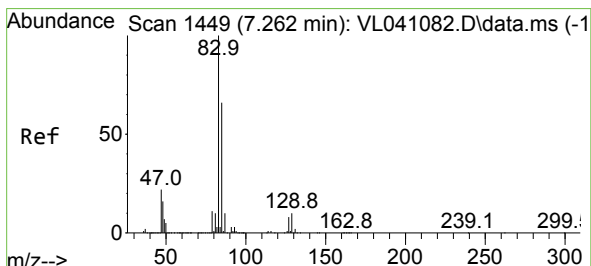
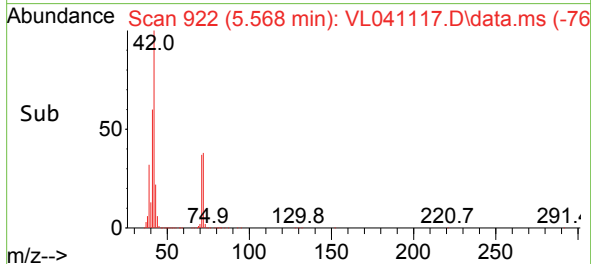
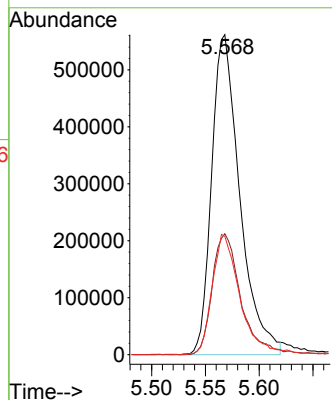
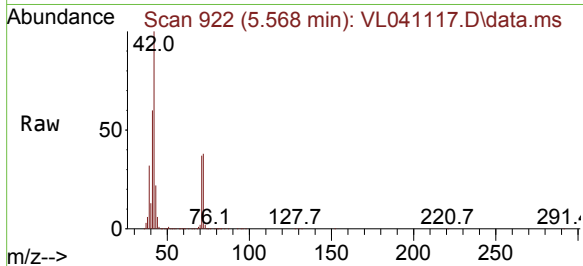




#41
Tetrahydrofuran
Concen: 10.473 ppbv
RT: 5.568 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

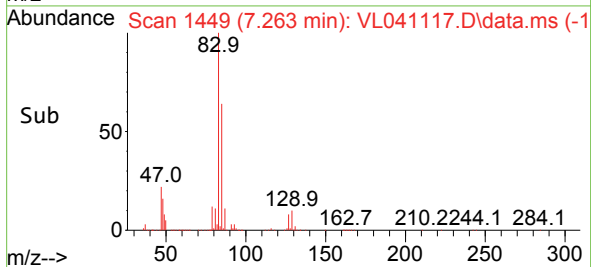
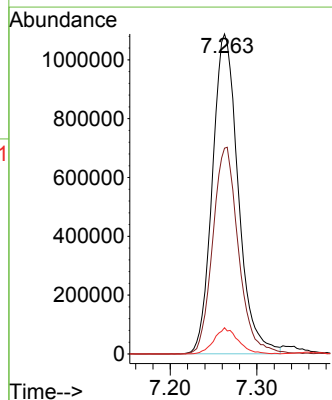
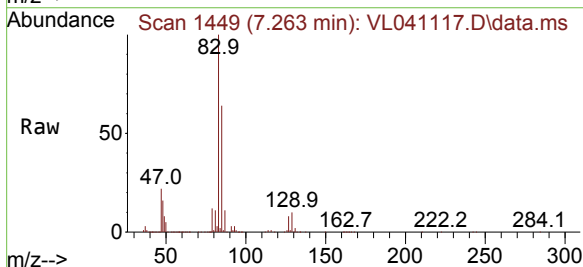
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

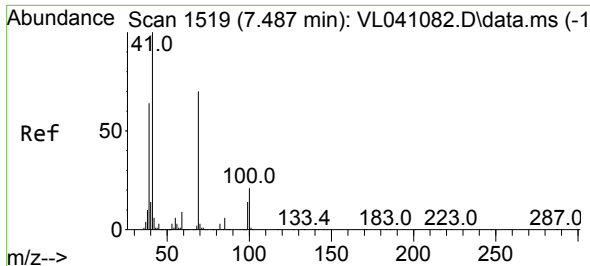
Tgt Ion: 42 Resp: 1022877
Ion Ratio Lower Upper
42 100
72 39.0 30.7 46.1
71 37.7 29.6 44.4



#42
Bromodichloromethane
Concen: 10.591 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 83 Resp: 2252290
Ion Ratio Lower Upper
83 100
85 64.3 53.1 79.7
127 8.2 6.2 9.4

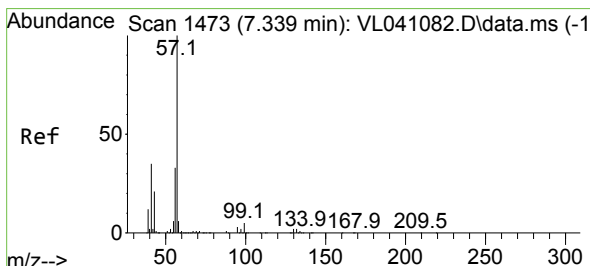
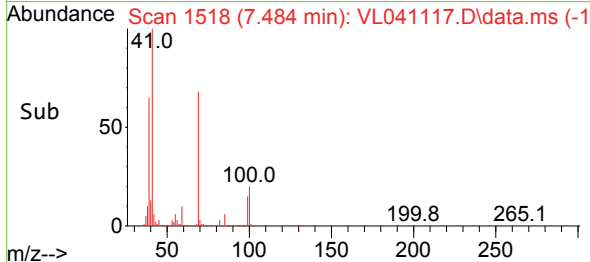
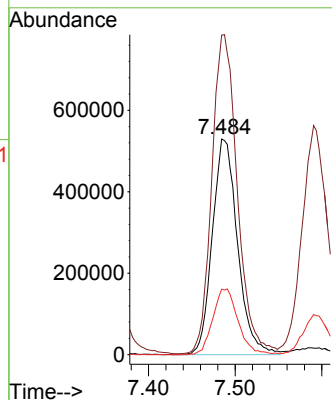
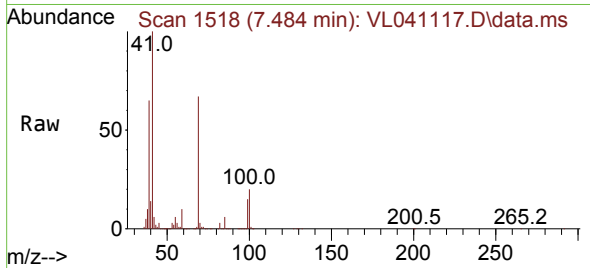




#43
Methyl Methacrylate
Concen: 11.236 ppbv
RT: 7.484 min Scan# 1519
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

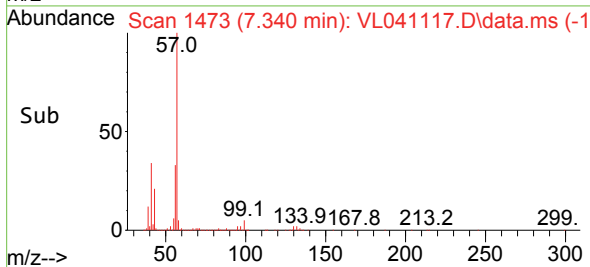
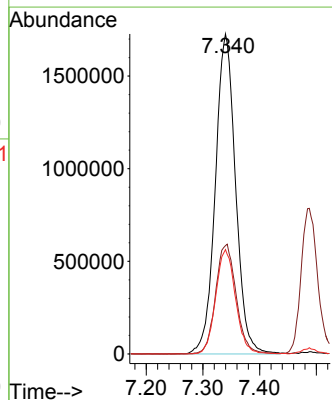
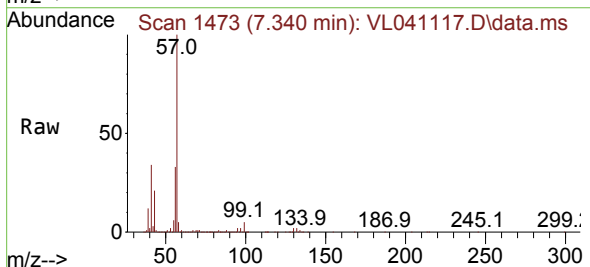
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

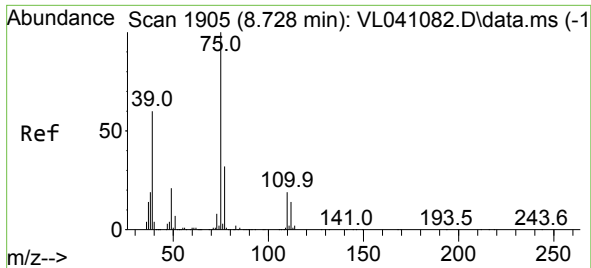
Tgt Ion: 69 Resp: 1072294
Ion Ratio Lower Upper
69 100
41 150.1 118.2 177.4
100 30.5 24.8 37.2



#44
2,2,4-Trimethylpentane
Concen: 10.388 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 57 Resp: 4280041
Ion Ratio Lower Upper
57 100
41 34.9 28.0 42.0
56 32.1 25.7 38.5

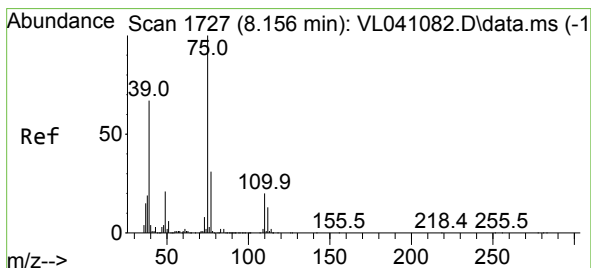
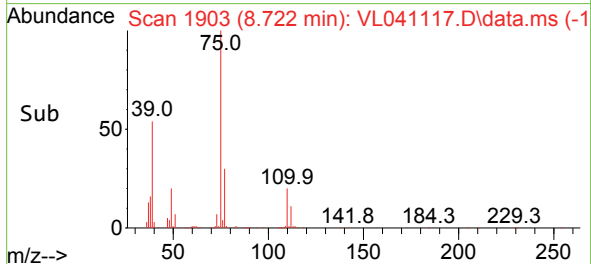
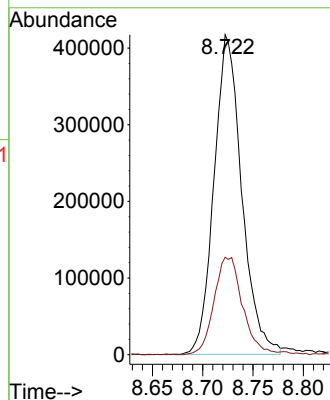
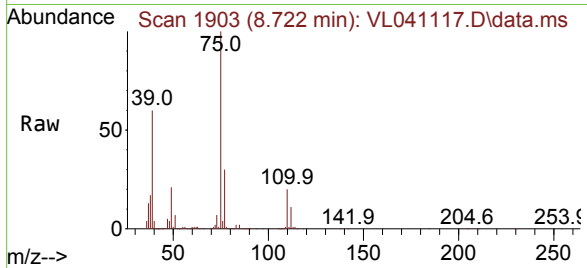




#45
 t-1,3-Dichloropropene
 Concen: 12.159 ppbv
 RT: 8.722 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

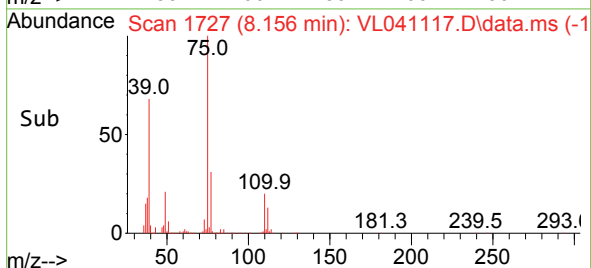
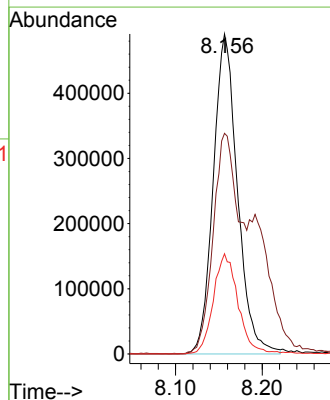
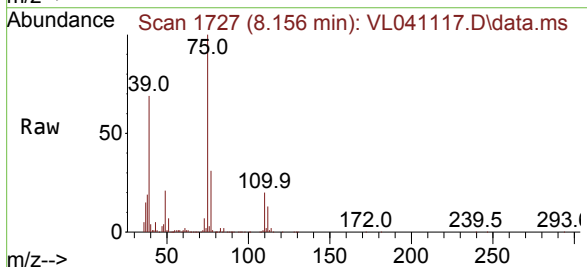
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

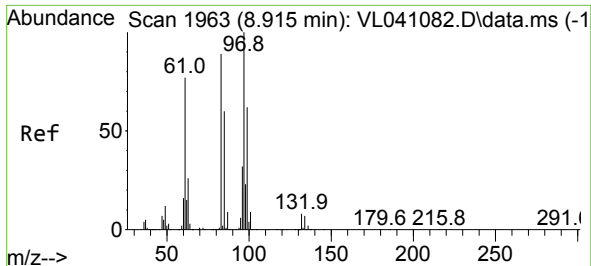
Tgt Ion: 75 Resp: 798769
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#46
 cis-1,3-Dichloropropene
 Concen: 11.557 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.000 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 75 Resp: 953426
 Ion Ratio Lower Upper
 75 100
 39 68.8 53.3 79.9
 77 31.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.506 ppbv

RT: 8.912 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 1105983

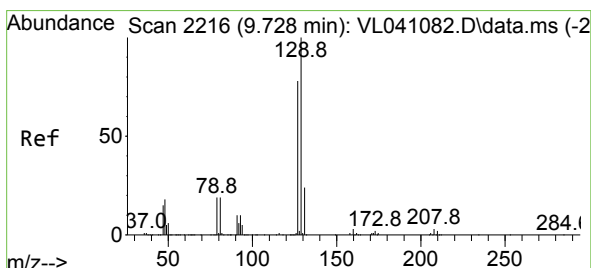
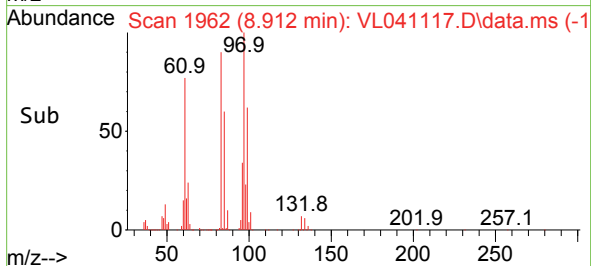
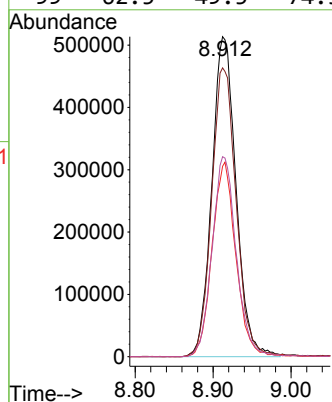
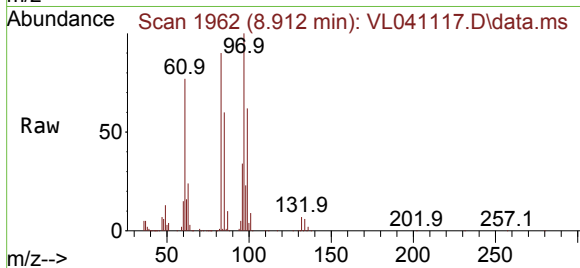
Ion Ratio Lower Upper

97 100

83 90.3 71.1 106.7

85 59.5 48.2 72.2

99 62.5 49.5 74.3



#48

Dibromochloromethane

Concen: 11.055 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. -0.003 min

Lab File: VL041117.D

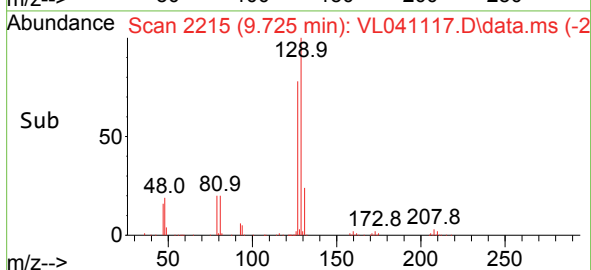
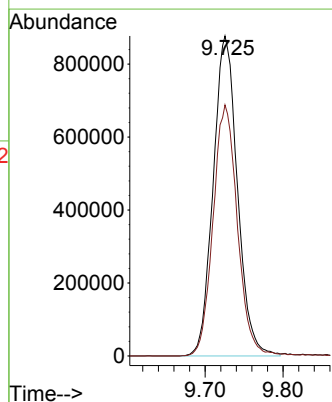
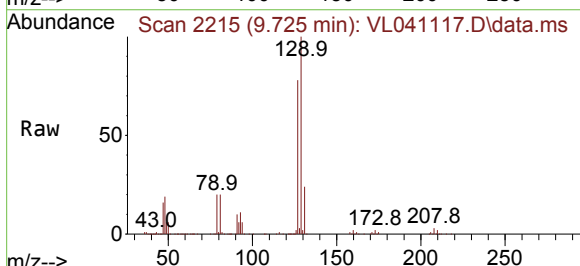
Acq: 15 Mar 2024 9:15

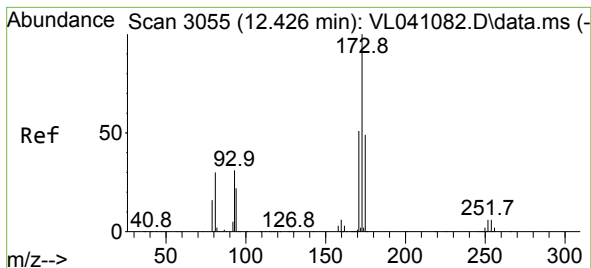
Tgt Ion: 129 Resp: 1896865

Ion Ratio Lower Upper

129 100

127 79.2 39.6 118.8





#49

Bromoform

Concen: 11.494 ppbv

RT: 12.423 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

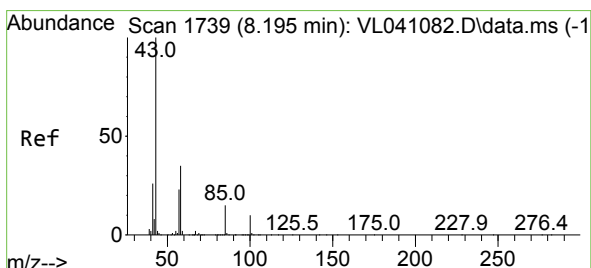
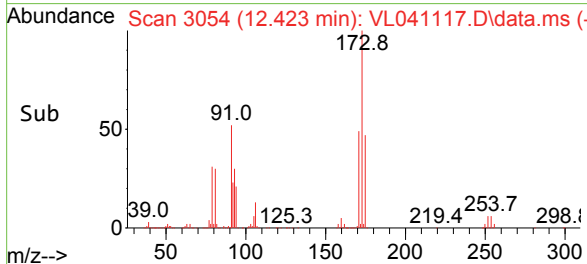
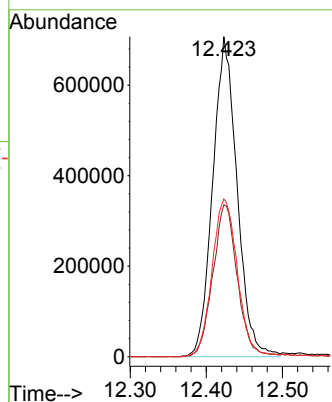
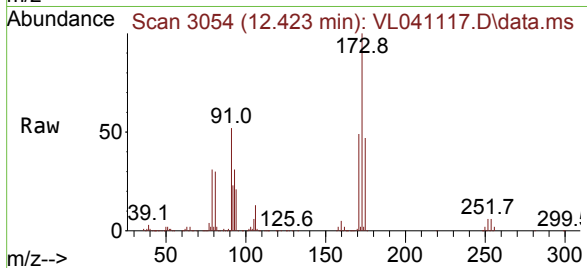
Tgt Ion:173 Resp: 1568703

Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.6

171 52.3 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 11.191 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041117.D

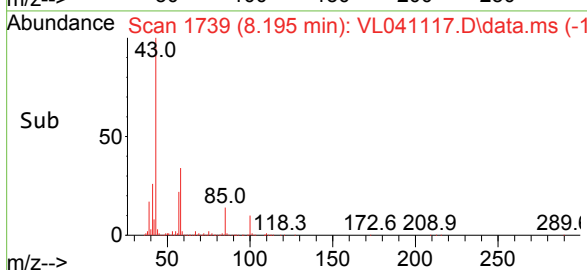
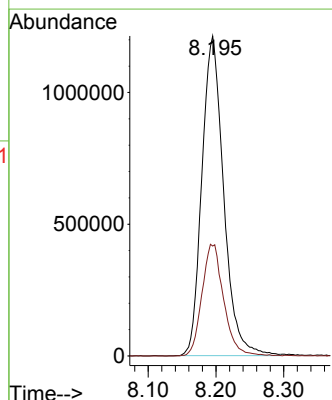
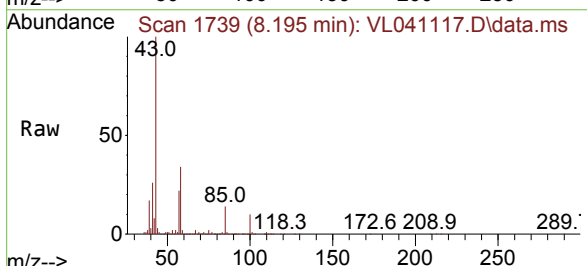
Acq: 15 Mar 2024 9:15

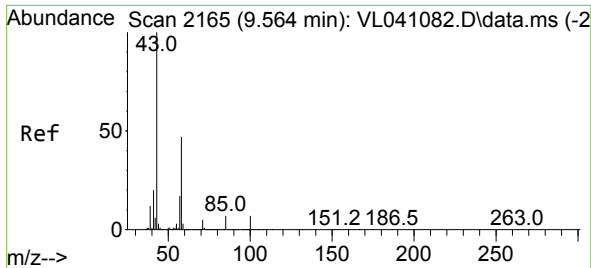
Tgt Ion: 43 Resp: 2708553

Ion Ratio Lower Upper

43 100

58 34.9 28.3 42.5

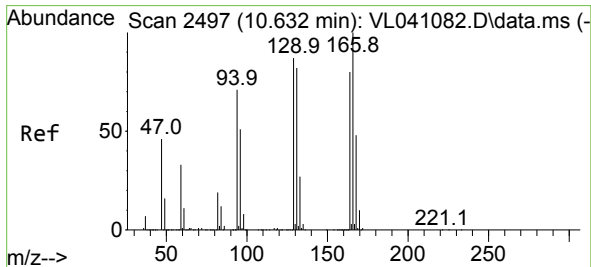
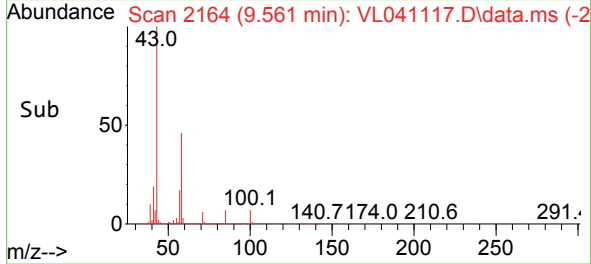
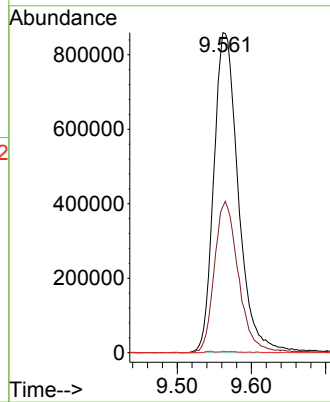
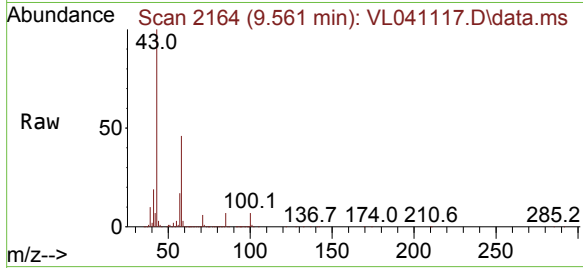




#51
2-Hexanone
Concen: 11.057 ppbv
RT: 9.561 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

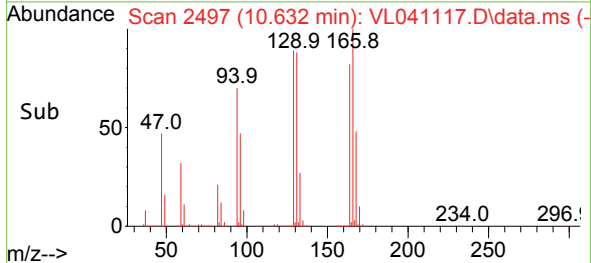
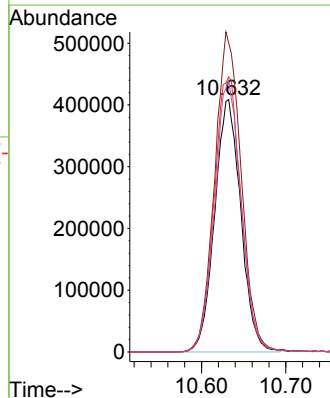
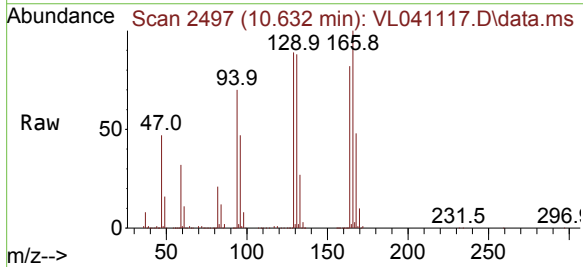
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

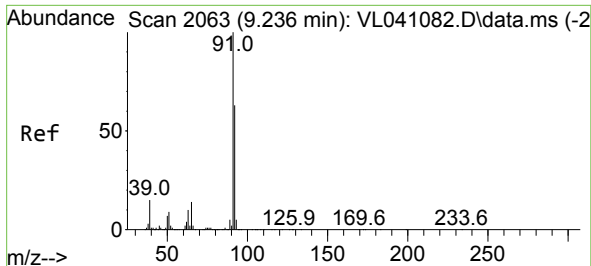
Tgt Ion: 43 Resp: 1960349
Ion Ratio Lower Upper
43 100
58 47.1 37.4 56.2
98 0.6 0.4 0.6



#52
Tetrachloroethene
Concen: 11.511 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 164 Resp: 880894
Ion Ratio Lower Upper
164 100
166 122.4 100.6 150.8
129 108.9 87.2 130.8
131 107.6 82.4 123.6

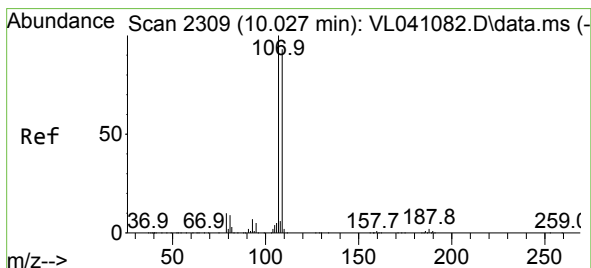
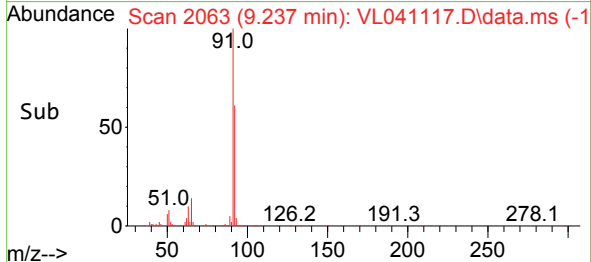
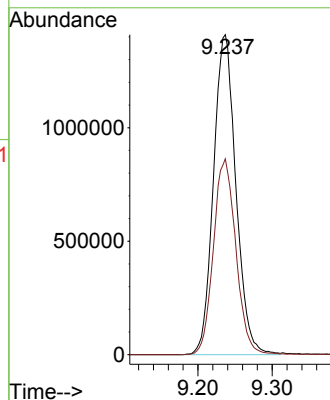
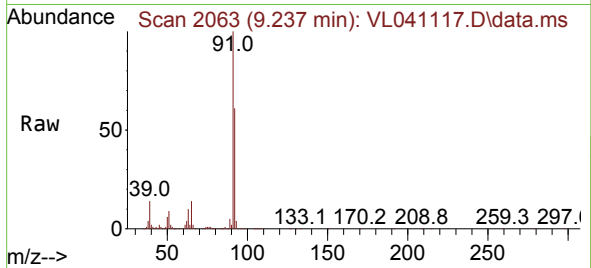




#53
Toluene
Concen: 11.142 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

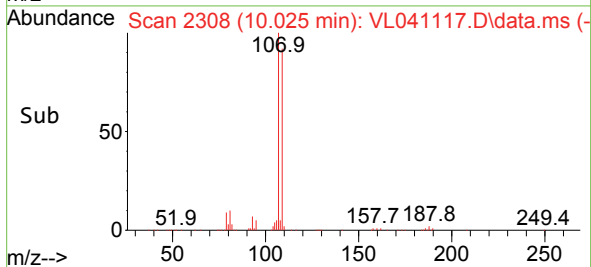
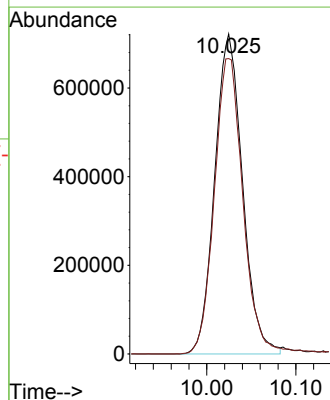
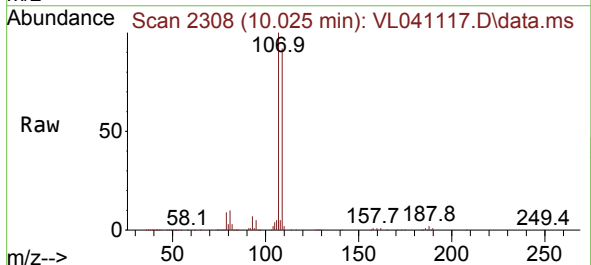
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

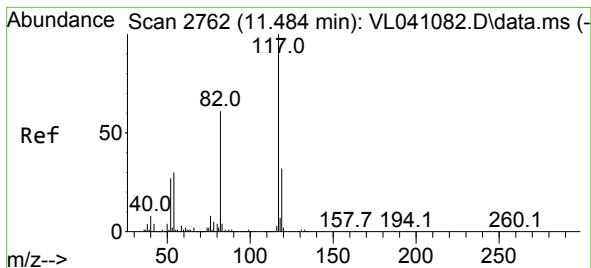
Tgt Ion: 91 Resp: 2963126
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.553 ppbv
RT: 10.025 min Scan# 2308
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 107 Resp: 1564116
Ion Ratio Lower Upper
107 100
109 92.3 74.4 111.6

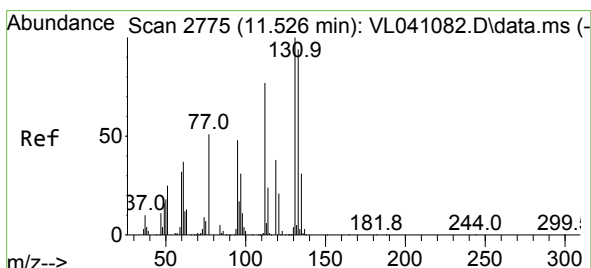
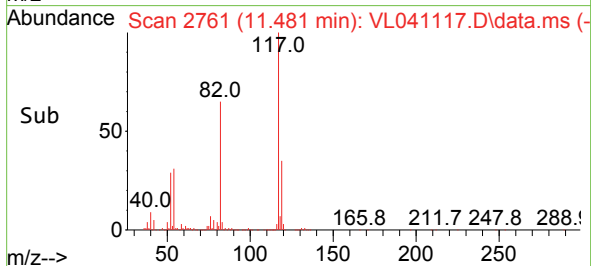
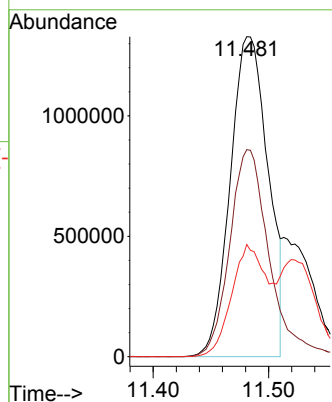
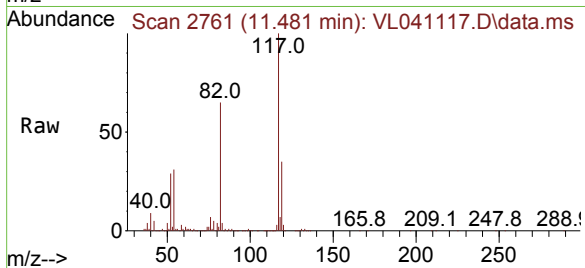




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

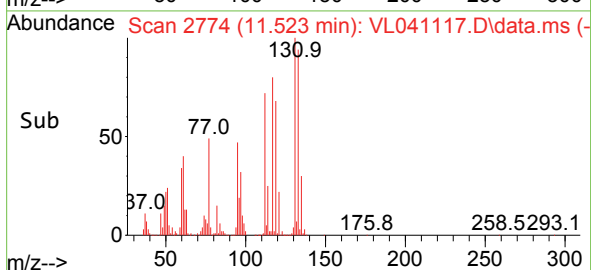
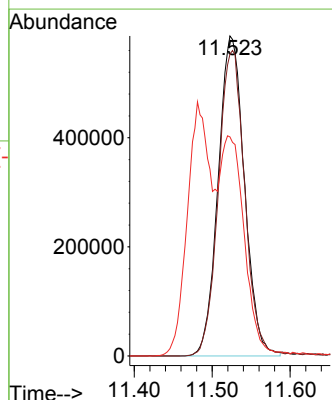
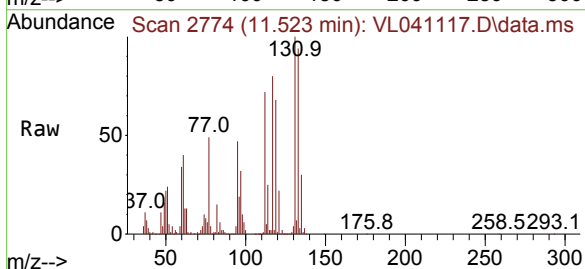
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

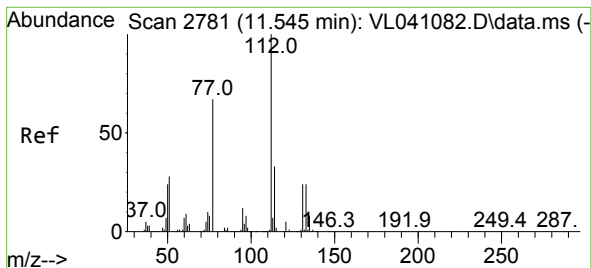
Tgt Ion:117 Resp: 3028871
Ion Ratio Lower Upper
117 100
82 68.3 51.4 77.2
119 30.3 23.7 35.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.608 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion:131 Resp: 1374666
Ion Ratio Lower Upper
131 100
133 96.3 76.1 114.1
119 62.2 51.1 76.7

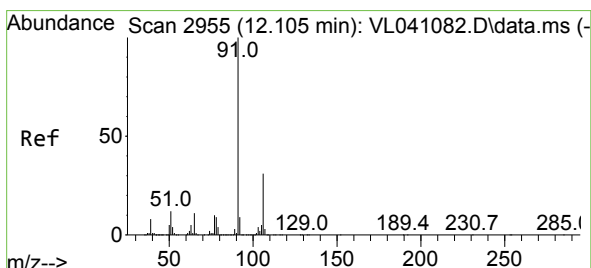
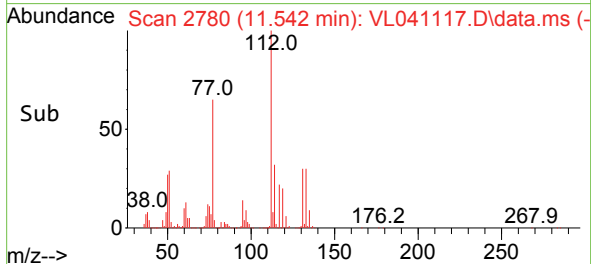
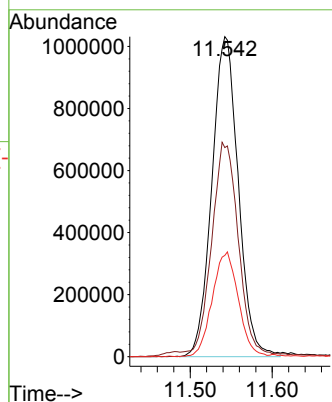
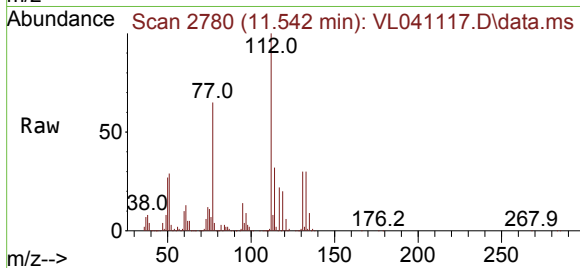




#57
Chlorobenzene
Concen: 10.821 ppbv
RT: 11.542 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

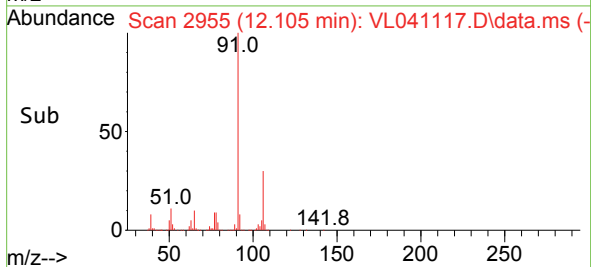
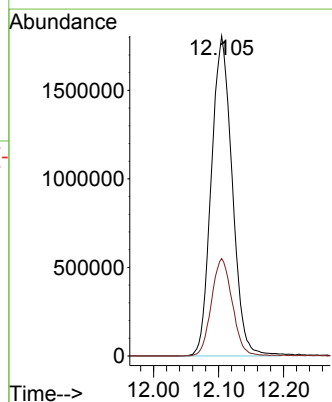
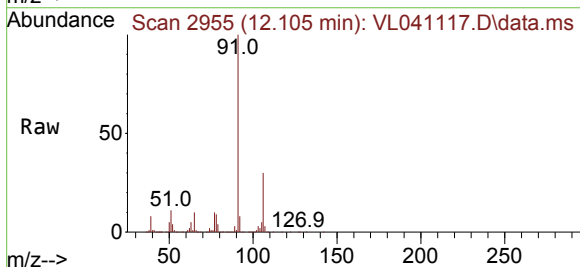
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

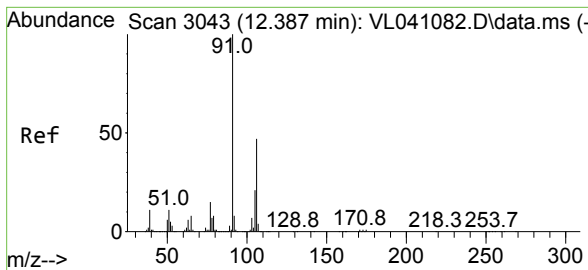
Tgt Ion:112 Resp: 2310315
Ion Ratio Lower Upper
112 100
77 64.4 54.6 81.8
114 31.6 29.4 36.0



#58
Ethyl Benzene
Concen: 11.380 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 91 Resp: 4035423
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

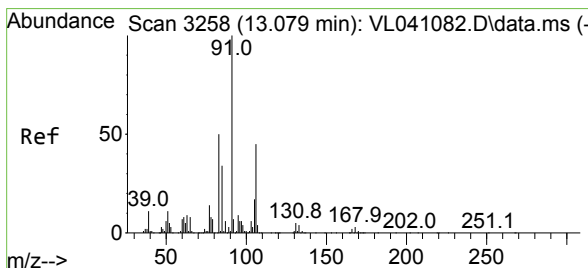
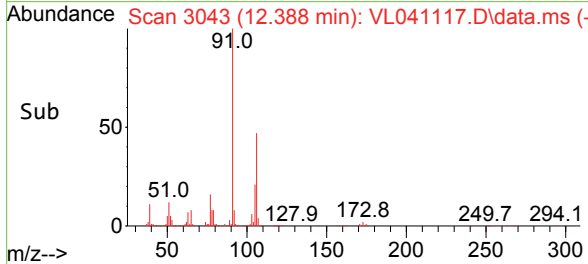
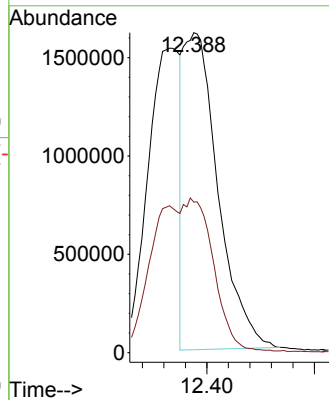
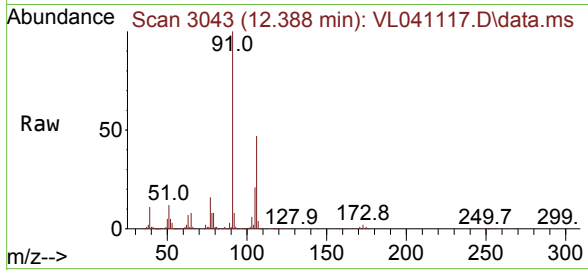




#59
m/p-Xylene
Concen: 11.554 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

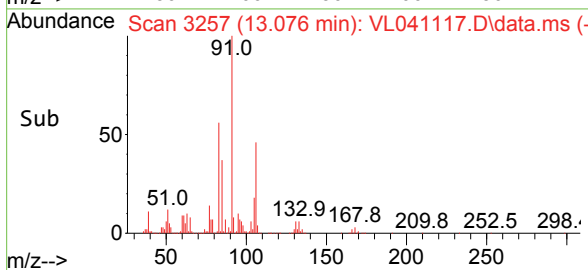
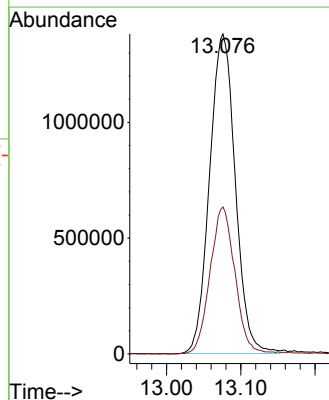
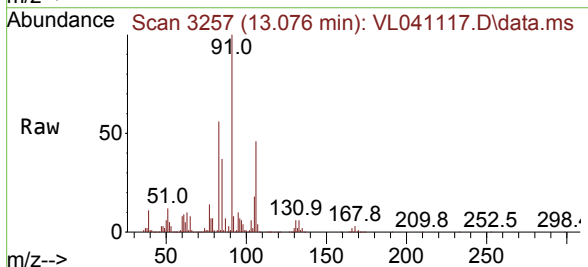
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

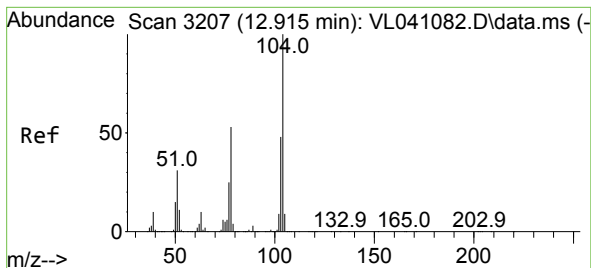
Tgt Ion: 91 Resp: 3596305
Ion Ratio Lower Upper
91 100
106 85.9 35.4 53.2#



#60
o-Xylene
Concen: 11.238 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 91 Resp: 3321419
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Styrene

Concen: 12.689 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

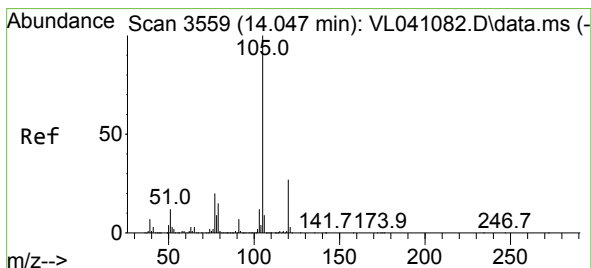
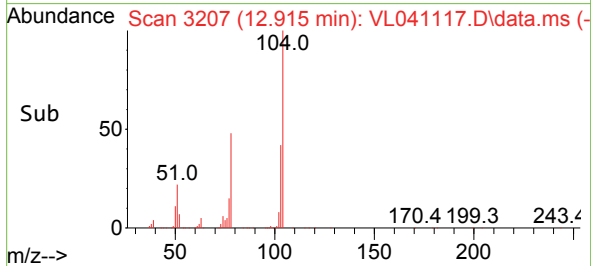
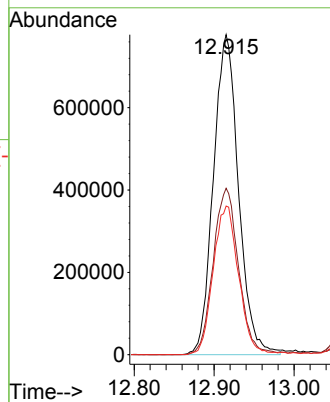
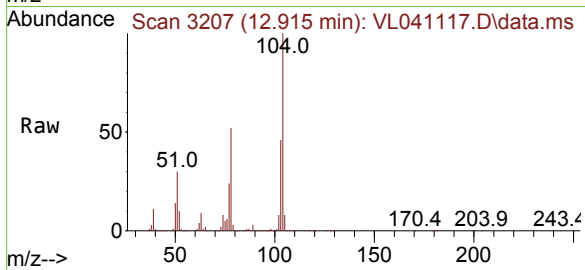
Tgt Ion:104 Resp: 1693482

Ion Ratio Lower Upper

104 100

78 53.2 42.6 64.0

103 47.5 37.3 55.9



#62

Isopropylbenzene

Concen: 11.106 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL041117.D

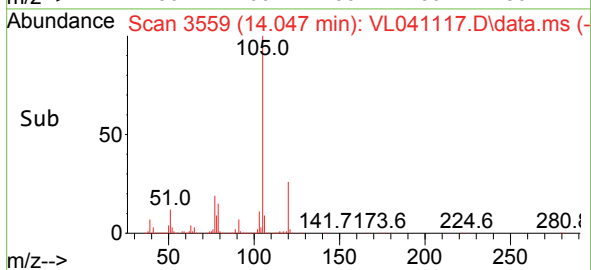
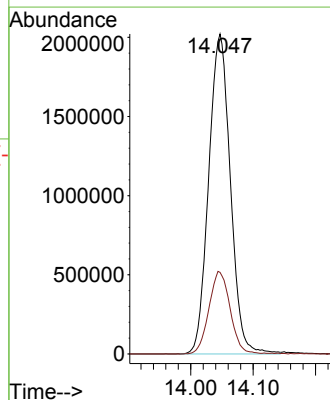
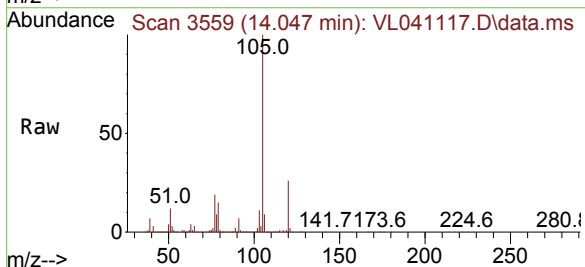
Acq: 15 Mar 2024 9:15

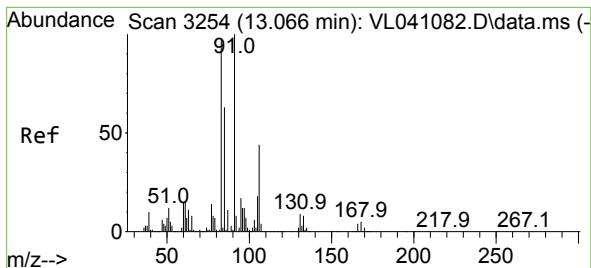
Tgt Ion:105 Resp: 4876226

Ion Ratio Lower Upper

105 100

120 25.3 20.5 30.7

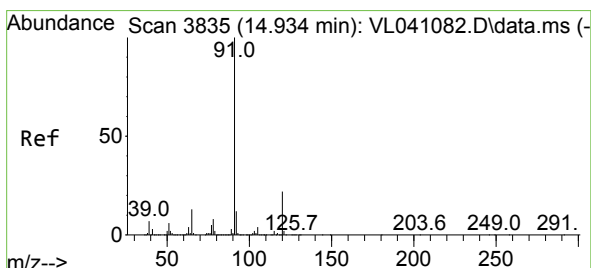
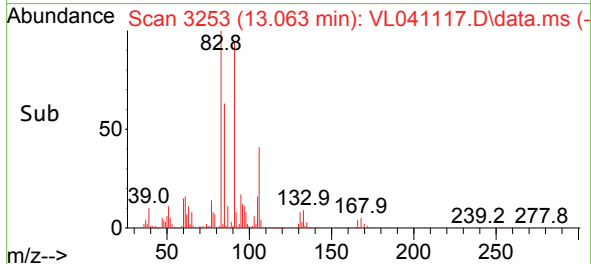
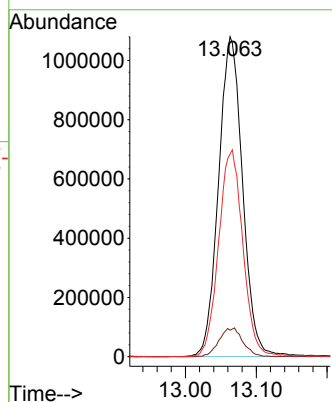
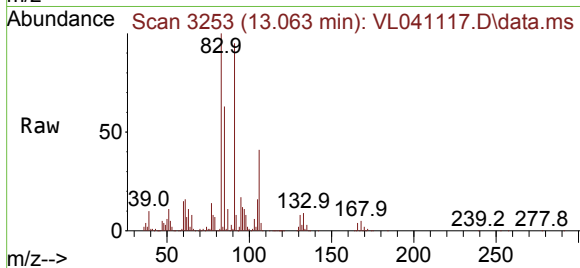




#63
1,1,2,2-Tetrachloroethane
Concen: 11.403 ppbv
RT: 13.063 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

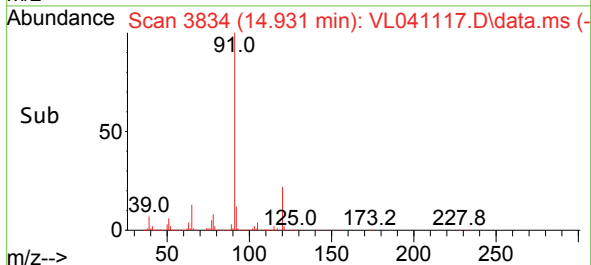
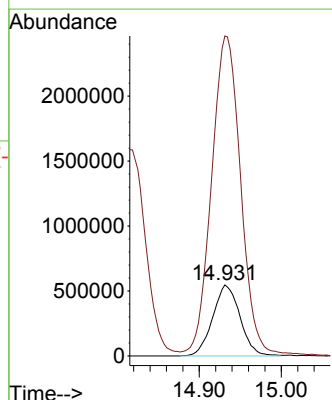
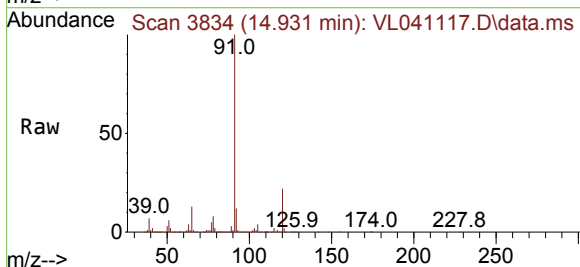
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

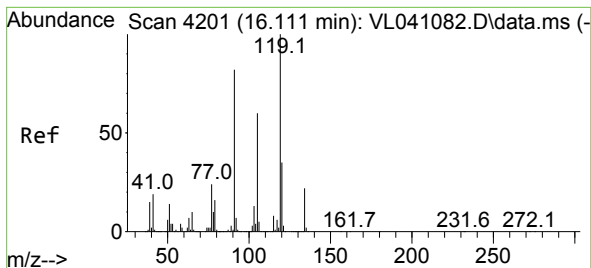
Tgt Ion: 83 Resp: 2533133
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.0
85 66.0 32.7 98.1



#64
n-propylbenzene
Concen: 11.462 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion:120 Resp: 1266170
Ion Ratio Lower Upper
120 100
91 484.2 387.5 581.3





#65

tert-Butylbenzene

Concen: 11.283 ppbv

RT: 16.105 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

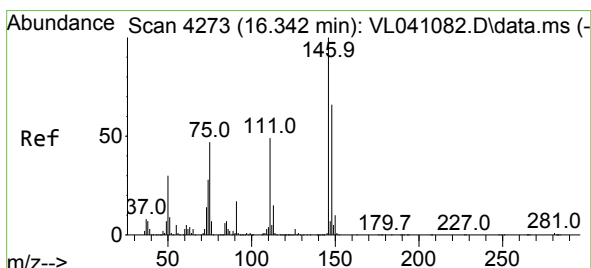
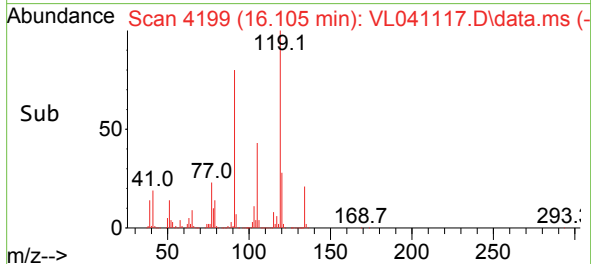
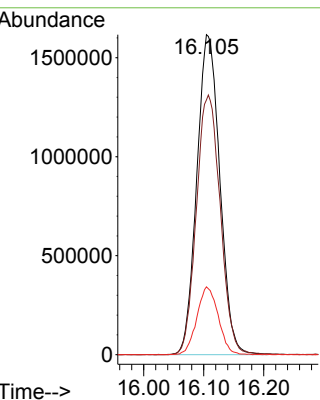
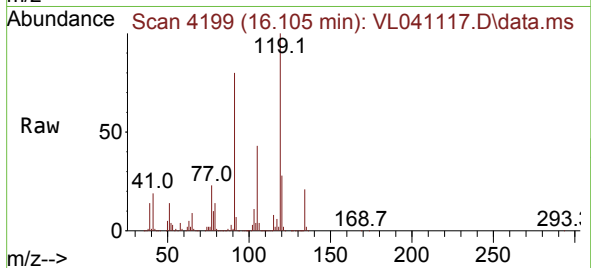
Tgt Ion:119 Resp: 4305505

Ion Ratio Lower Upper

119 100

91 84.3 67.8 101.8

134 19.8 16.2 24.2



#66

Benzyl Chloride

Concen: 13.037 ppbv

RT: 16.343 min Scan# 4273

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

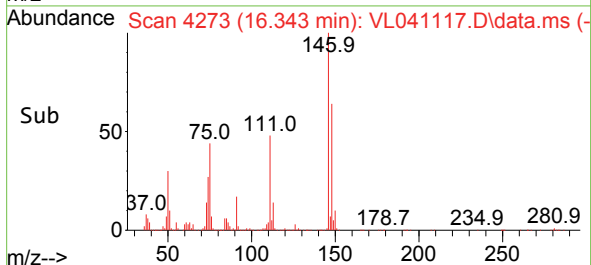
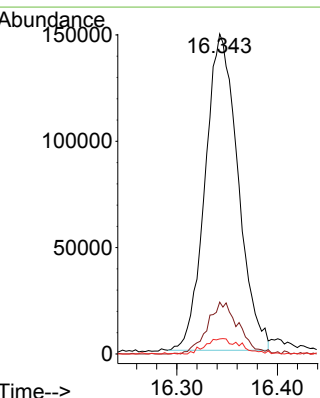
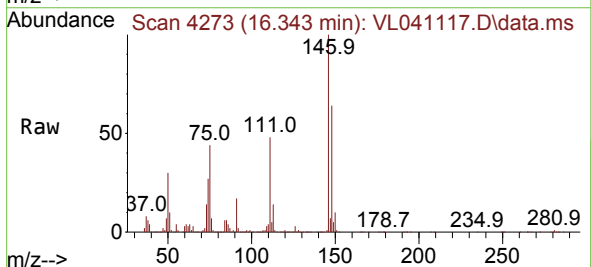
Tgt Ion: 91 Resp: 337054

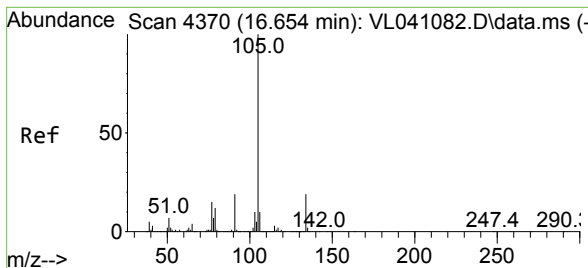
Ion Ratio Lower Upper

91 100

126 15.9 14.1 21.1

128 5.3 4.6 7.0

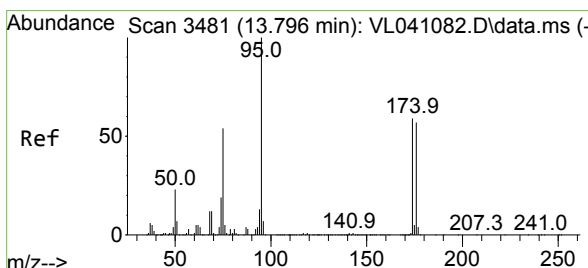
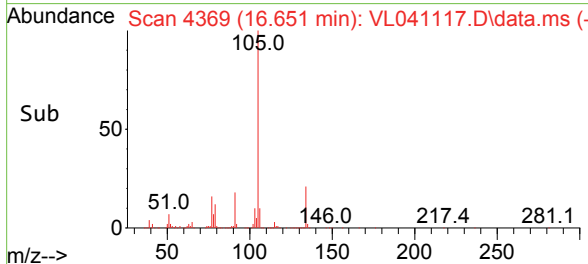
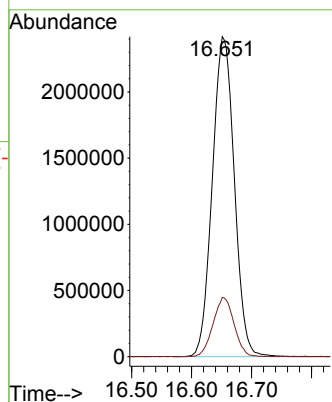
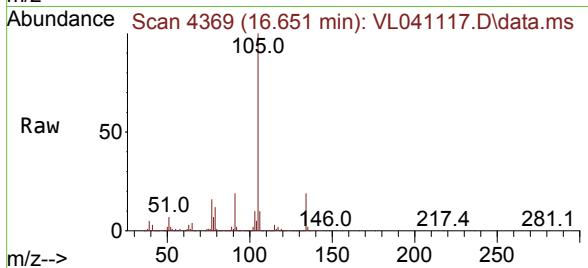




#67
 sec-Butylbenzene
 Concen: 11.187 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

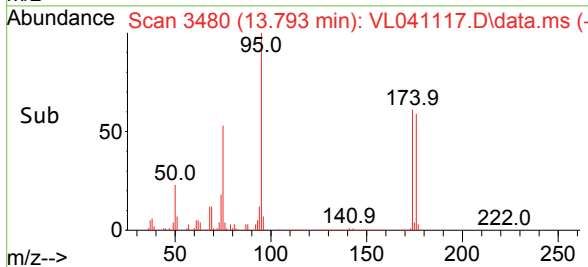
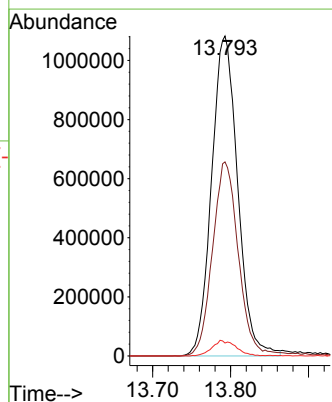
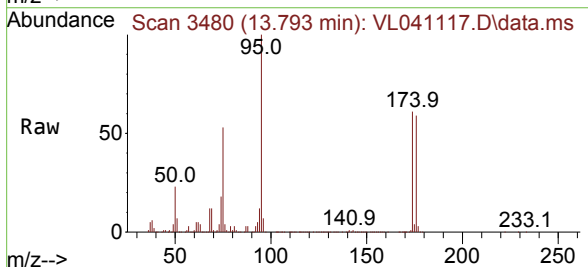
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

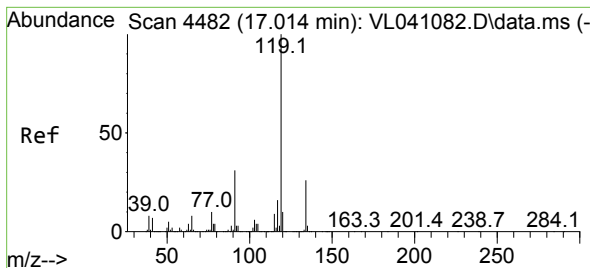
Tgt Ion:105 Resp: 6140342
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.665 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. -0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Tgt Ion: 95 Resp: 2525530
 Ion Ratio Lower Upper
 95 100
 174 61.1 47.8 71.8
 175 4.6 3.5 5.3





#69

p-Isopropyltoluene

Concen: 11.572 ppbv

RT: 17.011 min Scan# 4482

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

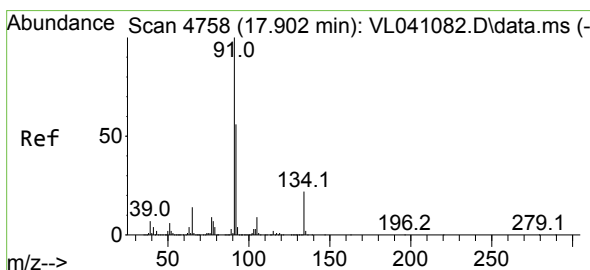
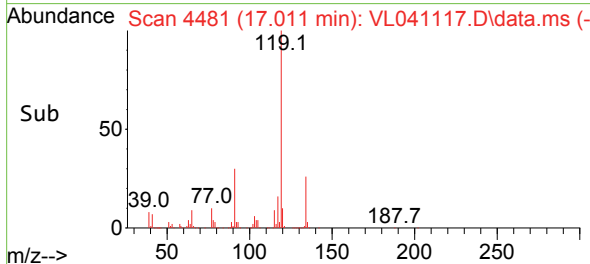
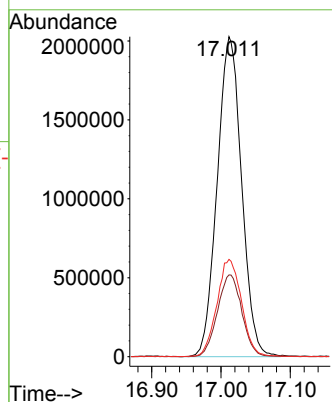
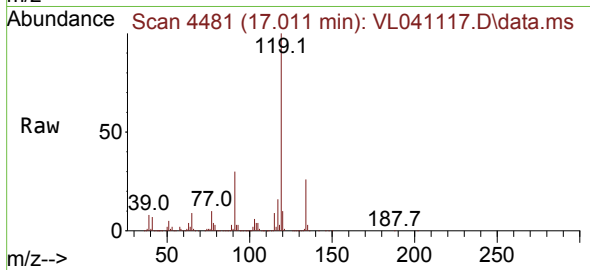
Tgt Ion:119 Resp: 4954922

Ion Ratio Lower Upper

119 100

134 25.6 20.6 30.8

91 30.6 24.7 37.1



#70

n-Butylbenzene

Concen: 11.568 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

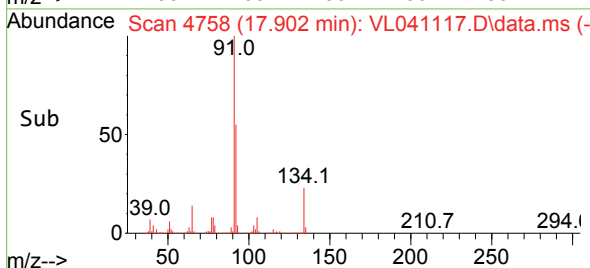
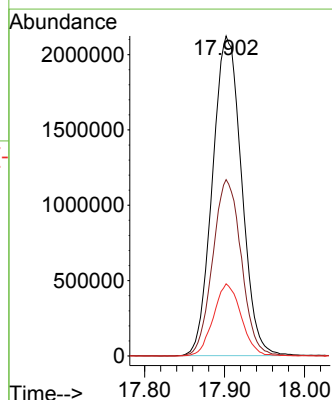
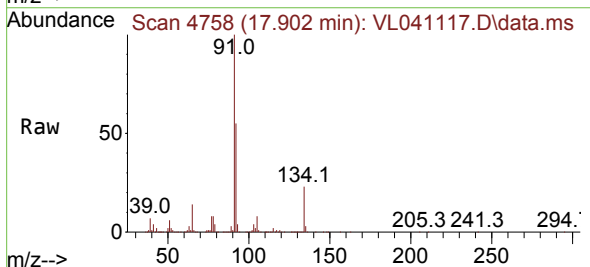
Tgt Ion: 91 Resp: 5353103

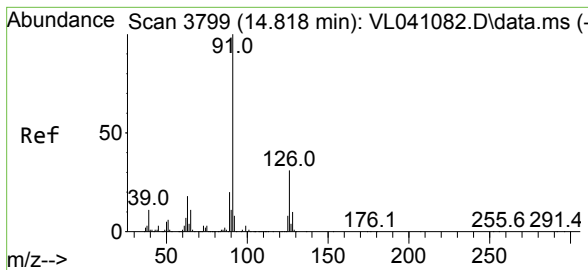
Ion Ratio Lower Upper

91 100

92 54.5 43.4 65.2

134 21.7 17.4 26.0

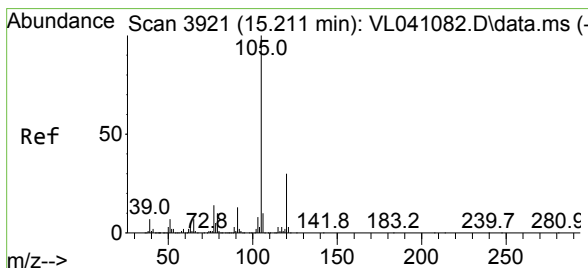
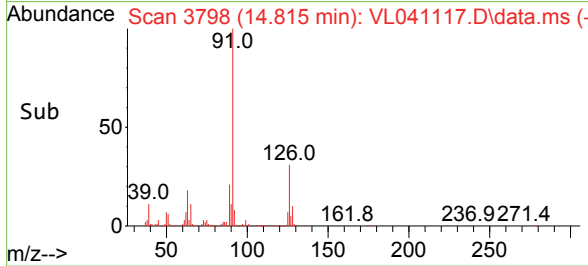
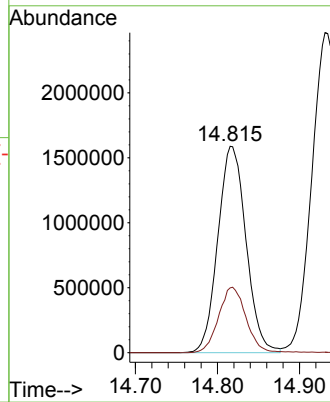
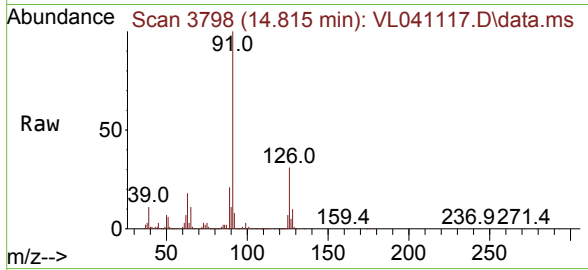




#71
2-Chlorotoluene
Concen: 11.295 ppbv
RT: 14.815 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

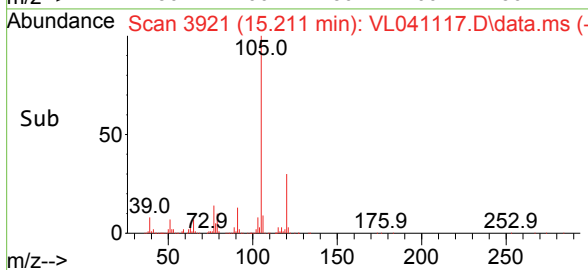
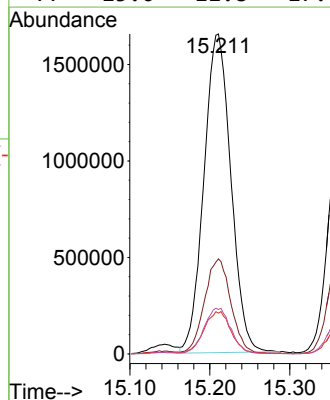
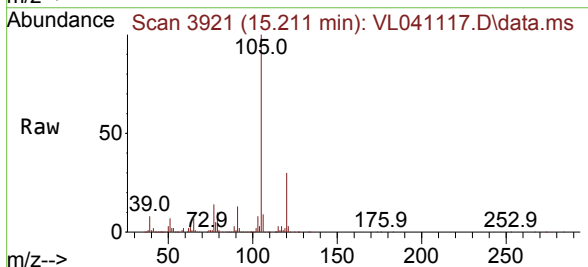
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

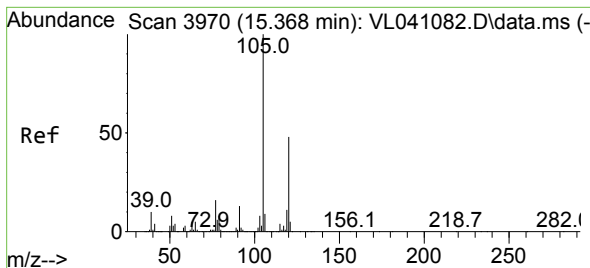
Tgt Ion: 91 Resp: 3793194
Ion Ratio Lower Upper
91 100
126 31.1 12.2 48.8



#72
4-Ethyltoluene
Concen: 11.908 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion: 105 Resp: 3874841
Ion Ratio Lower Upper
105 100
120 30.3 23.8 35.8
91 13.5 10.9 16.3
77 15.0 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 11.623 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

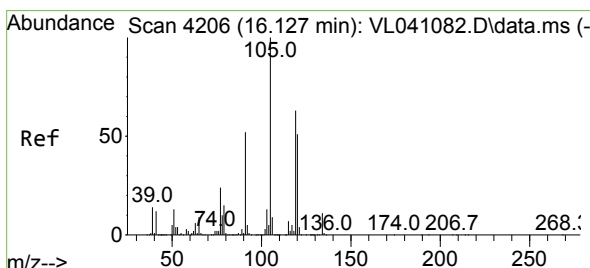
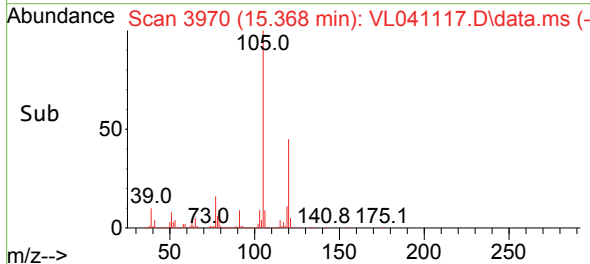
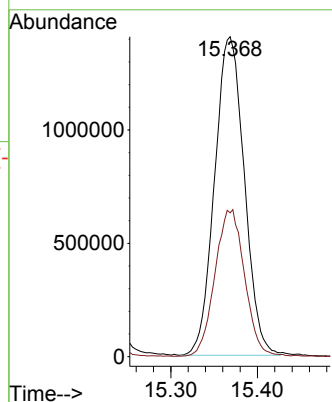
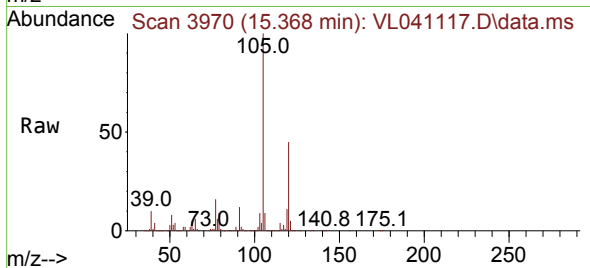
VSTDCCC010EC

Tgt Ion:105 Resp: 3346854

Ion Ratio Lower Upper

105 100

120 45.0 38.7 58.1



#74

1,2,4-Trimethylbenzene

Concen: 11.292 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Tgt Ion:105 Resp: 3713761

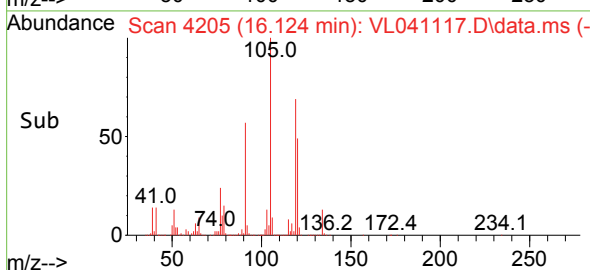
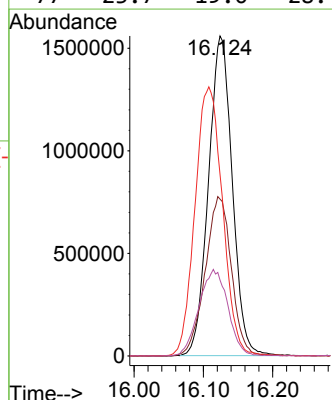
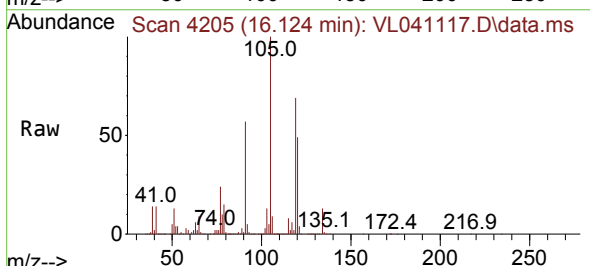
Ion Ratio Lower Upper

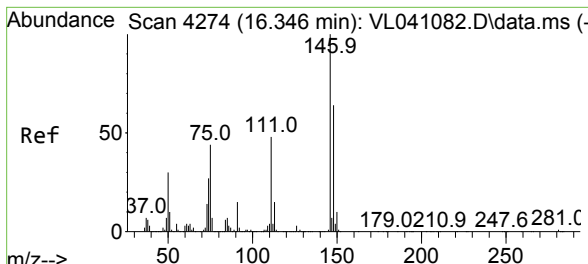
105 100

120 49.0 40.4 60.6

91 56.5 41.4 62.0

77 23.7 19.0 28.4

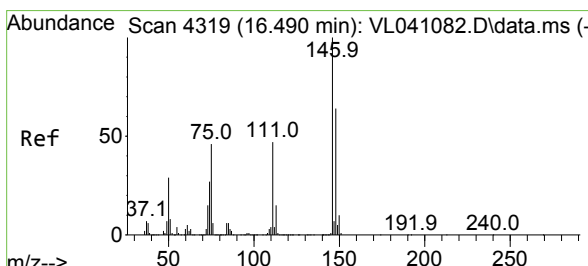
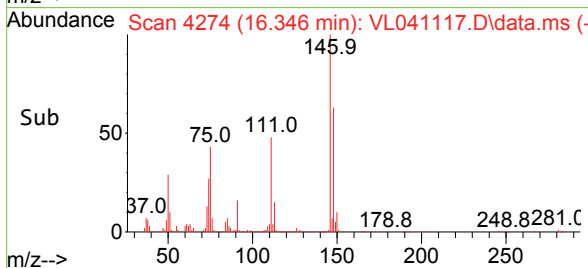
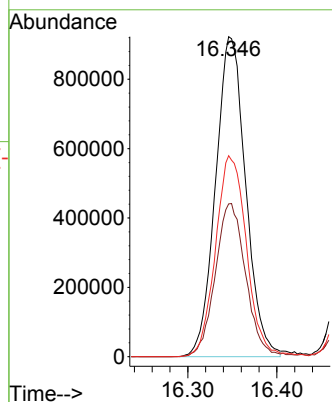
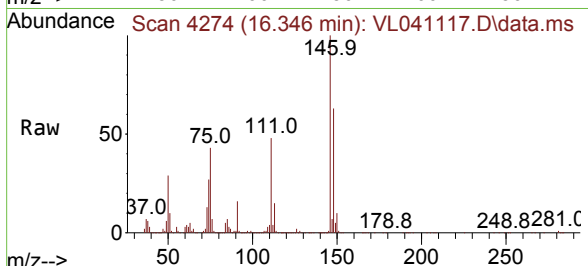




#75
1,3-Dichlorobenzene
Concen: 11.527 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

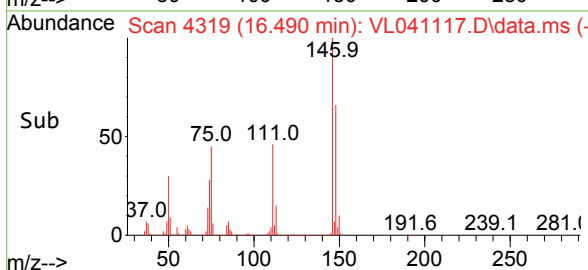
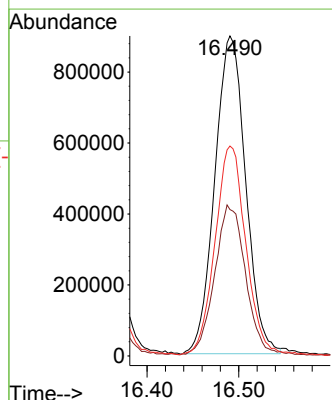
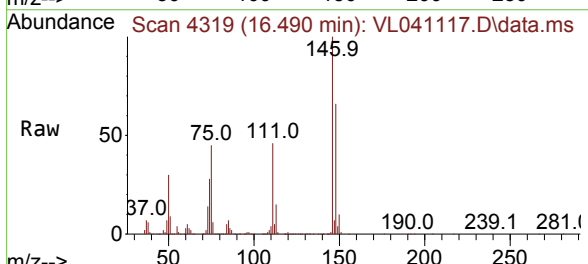
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

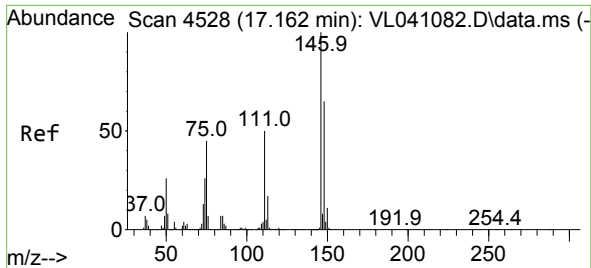
Tgt Ion:146 Resp: 2165000
Ion Ratio Lower Upper
146 100
111 48.5 24.1 72.2
148 64.8 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 11.057 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion:146 Resp: 2092411
Ion Ratio Lower Upper
146 100
111 48.4 23.9 71.7
148 67.2 32.9 98.6

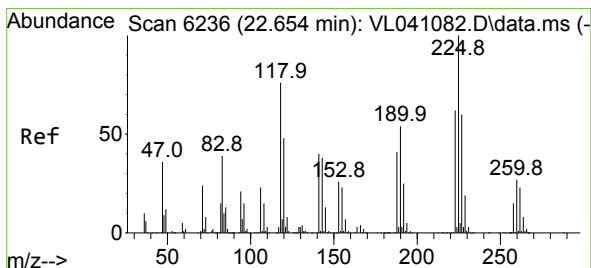
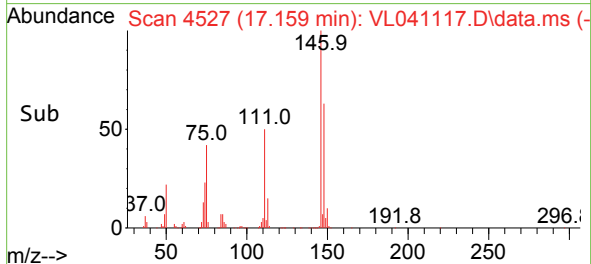
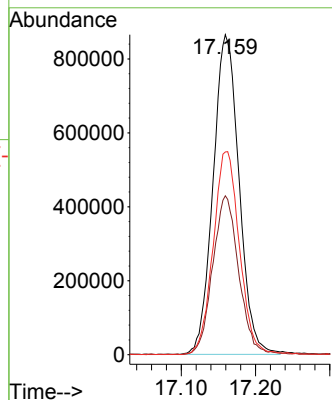
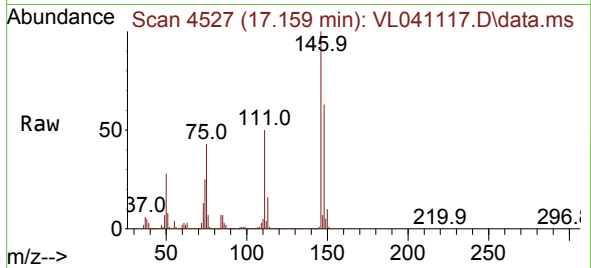




#77
1,2-Dichlorobenzene
Concen: 11.434 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. -0.003 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

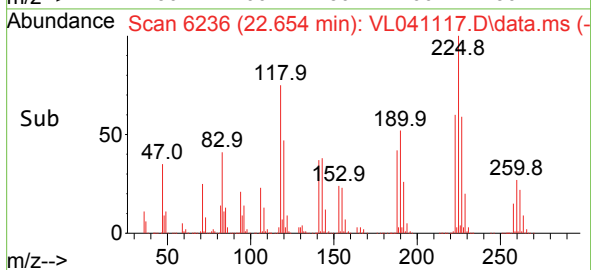
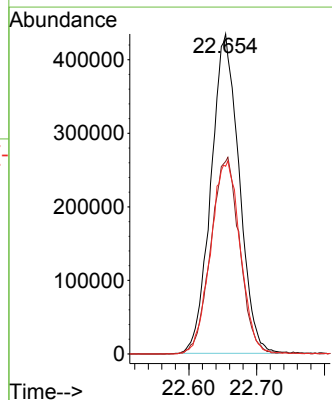
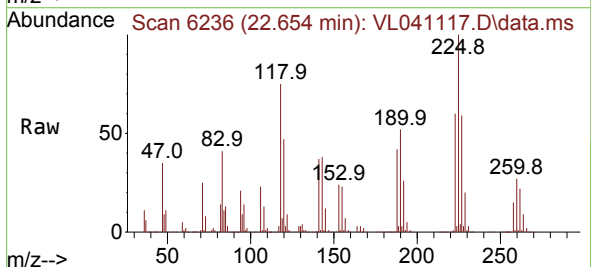
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

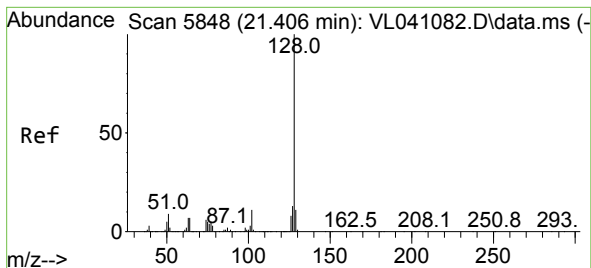
Tgt Ion:146 Resp: 2098386
Ion Ratio Lower Upper
146 100
111 50.1 25.2 75.6
148 64.8 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 9.675 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.000 min
Lab File: VL041117.D
Acq: 15 Mar 2024 9:15

Tgt Ion:225 Resp: 1249963
Ion Ratio Lower Upper
225 100
223 63.4 51.1 76.7
227 63.8 51.1 76.7





#79

Naphthalene

Concen: 15.922 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. -0.003 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

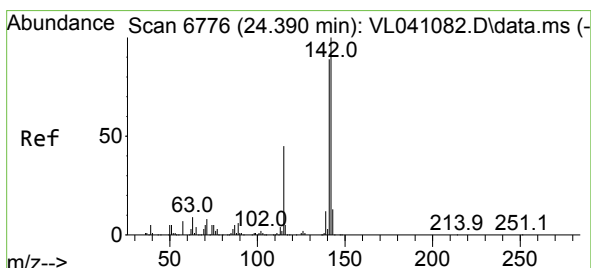
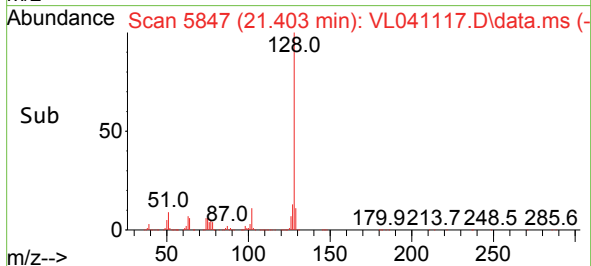
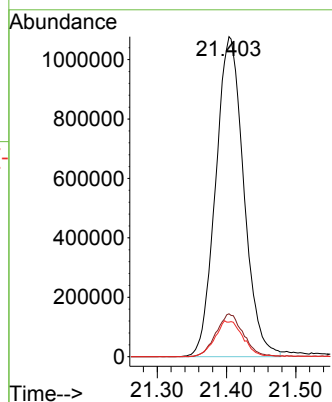
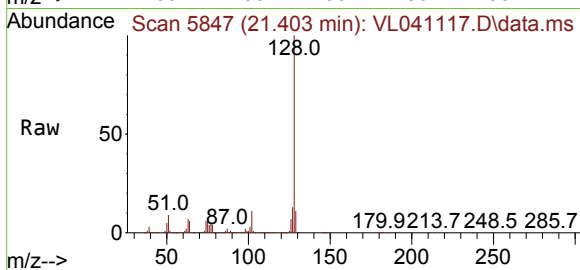
Tgt Ion:128 Resp: 3032442

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.8 9.0 13.6



#80

Naphthalene,2-methyl-

Concen: 21.139 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.000 min

Lab File: VL041117.D

Acq: 15 Mar 2024 9:15

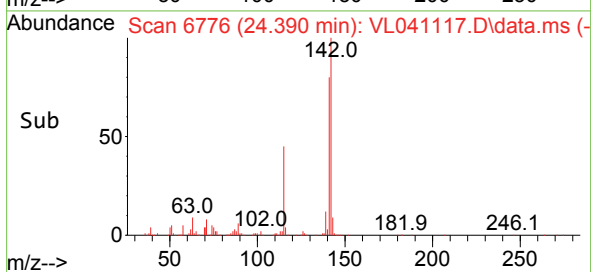
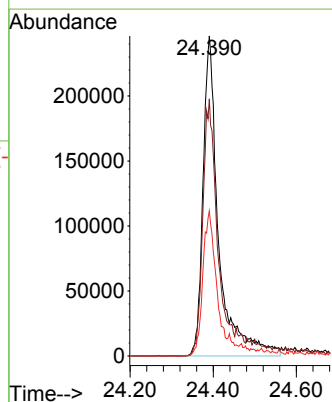
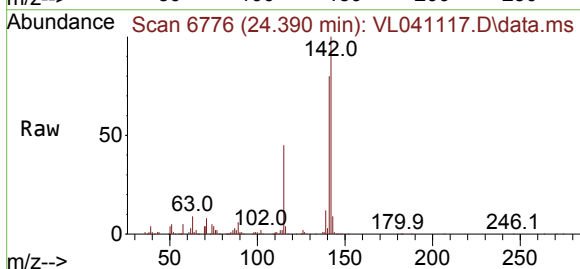
Tgt Ion:142 Resp: 645346

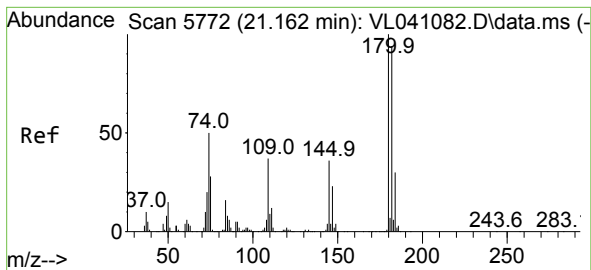
Ion Ratio Lower Upper

142 100

141 84.0 61.3 91.9

115 45.7 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 13.350 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041117.D
 Acq: 15 Mar 2024 9:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 1464199

Ion	Ratio	Lower	Upper
180	100		
182	96.3	78.7	118.1
184	30.3	25.3	37.9

