

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041144.D
 Acq On : 8 Apr 2024 10:27
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 09 01:11:05 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	5.179	49	1307114	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3521660	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3554339	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2672871	9.352	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	1991243	8.906	ppbv	98
3) Chlorodifluoromethane	2.665	51	1898552	9.430	ppbv	99
4) Chloromethane	2.800	50	726593	9.537	ppbv	98
5) Vinyl Chloride	2.909	62	772566	10.497	ppbv	99
6) Bromomethane	3.105	94	260265	9.395	ppbv	91
7) Chloroethane	3.186	64	270603	10.019	ppbv	97
8) Dichlorotetrafluoroethane	2.845	85	1830669	9.598	ppbv	96
9) Propene	2.681	41	662723	10.348	ppbv	95
10) Heptane	7.562	43	1636261	10.761	ppbv	100
11) Trichlorofluoromethane	3.549	101	1920937	9.474	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.054	101	1405832	9.580	ppbv	100
13) Ethanol	3.231	45	117706	7.727	ppbv	91
14) Bromoethene	3.353	108	563061	9.741	ppbv	98
15) Acetone	3.456	43	1306484	9.231	ppbv	98
16) 1,3-Butadiene	2.973	39	716349	10.311	ppbv	98
17) tert-Butyl alcohol	3.864	59	1300477	10.146	ppbv	100
18) 1,1-Dichloroethene	3.867	96	632153	10.090	ppbv	93
19) Isopropyl Alcohol	3.562	45	866023	10.072	ppbv #	95
20) Methylene Chloride	3.919	84	526692	9.023	ppbv	98
21) Allyl Chloride	3.983	41	893772	10.364	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	651550	9.920	ppbv	96
23) Vinyl Acetate	4.613	43	1609467	11.132	ppbv	97
24) 1,1-Dichloroethane	4.549	63	1329528	10.106	ppbv	99
25) Ethyl Acetate	5.189	43	2721254	10.238	ppbv	99
26) Hexane	5.195	57	1192930	10.002	ppbv	99
27) Carbon Disulfide	4.112	76	1535445	10.507	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	949320	10.548	ppbv	99
29) Chloroform	5.259	83	1937688	9.638	ppbv	97
30) Cyclohexane	6.584	84	1034370	10.647	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	1096823	9.716	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1933241	10.402	ppbv	100
34) 2-Butanone	4.771	43	1467156	9.845	ppbv	100
35) Carbon Tetrachloride	6.478	117	2063395	10.291	ppbv	97
36) Benzene	6.356	78	2607721	10.084	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1491562	9.606	ppbv	99
38) Trichloroethene	7.275	130	1012436	10.836	ppbv	99
39) 1,2-Dichloropropane	7.060	63	1006962	9.875	ppbv	98
40) 1,4-Dioxane	7.272	88	372530	10.483	ppbv	86
41) Tetrahydrofuran	5.542	42	1039472	10.476	ppbv	99
42) Bromodichloromethane	7.234	83	2183073	9.841	ppbv	99
43) Methyl Methacrylate	7.459	69	1072311	10.886	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	4250474	9.928	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	702664	12.104	ppbv	99

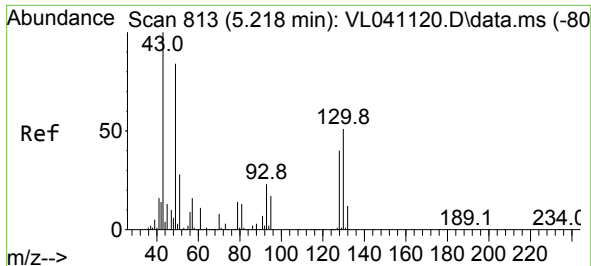
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041144.D
 Acq On : 8 Apr 2024 10:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 09 01:11:05 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	8.127	75	857724	11.420	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	1087008	9.863	ppbv	99
48) Dibromochloromethane	9.693	129	1899001	10.855	ppbv	99
49) Bromoform	12.391	173	1532425	11.057	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	2690837	10.261	ppbv	98
51) 2-Hexanone	9.533	43	1973712	10.855	ppbv #	98
52) Tetrachloroethene	10.600	164	902648	10.939	ppbv	97
53) Toluene	9.205	91	2961319	10.875	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1537567	11.187	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.491	131	1385353	9.484	ppbv	98
57) Chlorobenzene	11.510	112	2335364	9.598	ppbv	96
58) Ethyl Benzene	12.073	91	4017137	10.323	ppbv	99
59) m/p-Xylene	12.356	91	3529841	10.044	ppbv #	33
60) o-Xylene	13.047	91	3239976	9.730	ppbv	98
61) Styrene	12.880	104	1726890	11.704	ppbv	98
62) Isopropylbenzene	14.015	105	4807550	9.698	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	2442484	9.336	ppbv	100
64) n-propylbenzene	14.899	120	1310118	10.531	ppbv	88
65) tert-Butylbenzene	16.076	119	4291883	9.917	ppbv	97
66) Benzyl Chloride	16.310	91	297576	10.451	ppbv	97
67) sec-Butylbenzene	16.619	105	6064670	9.699	ppbv	99
69) p-Isopropyltoluene	16.979	119	4976697	10.206	ppbv	99
70) n-Butylbenzene	17.870	91	5284616	9.977	ppbv	99
71) 2-Chlorotoluene	14.783	91	3730882	9.812	ppbv	98
72) 4-Ethyltoluene	15.175	105	3848886	10.349	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	3319741	10.121	ppbv	98
74) 1,2,4-Trimethylbenzene	16.092	105	3663927	9.760	ppbv	99
75) 1,3-Dichlorobenzene	16.314	146	2174671	9.922	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	2119093	9.940	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	2103402	9.883	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1308253	9.246	ppbv	99
79) Naphthalene	21.368	128	3164191	13.139	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	688031	14.666	ppbv	98
81) 1,2,4-Trichlorobenzene	21.124	180	1556296	11.527	ppbv	99

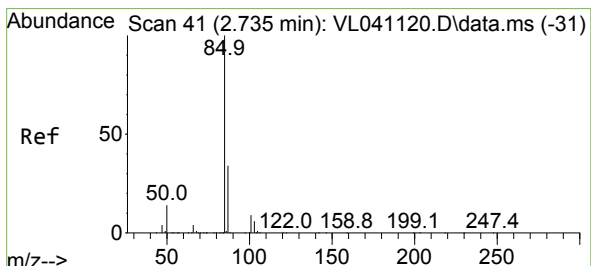
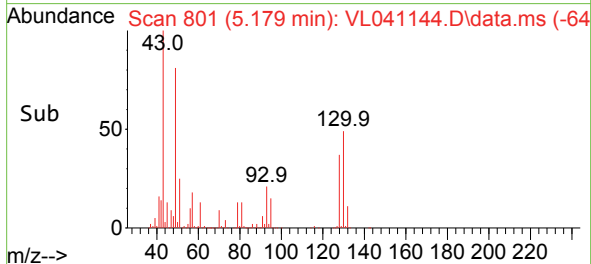
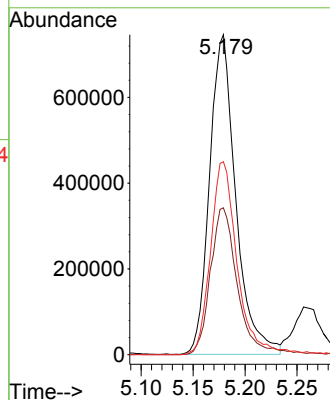
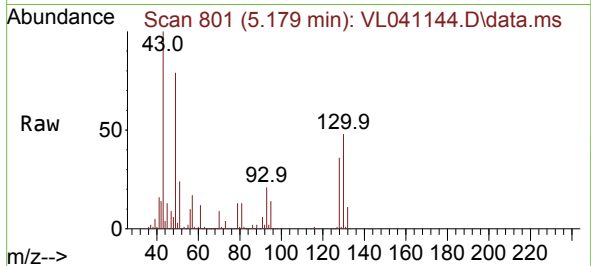
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

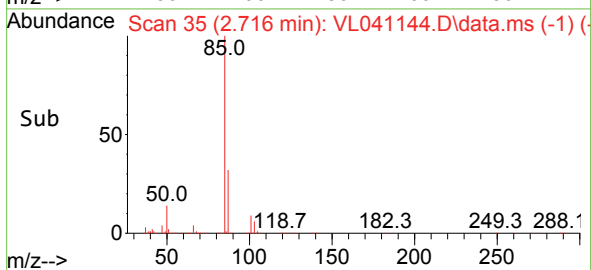
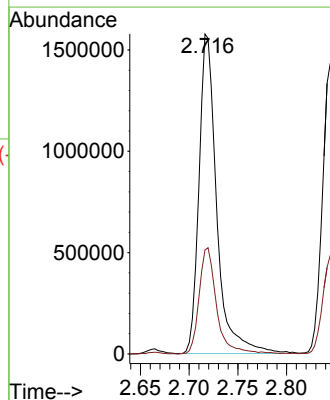
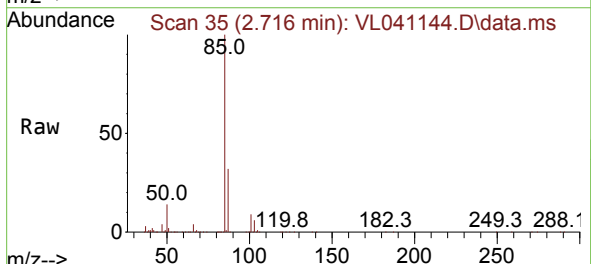
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

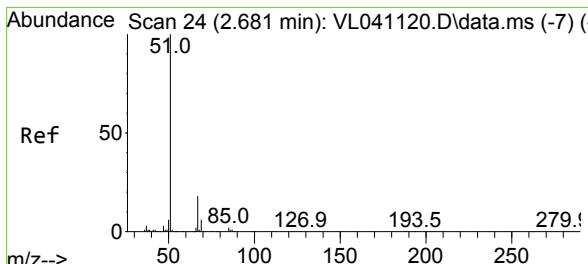
Tgt Ion: 49 Resp: 1307114
Ion Ratio Lower Upper
49 100
128 48.0 23.6 71.0
130 62.6 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 8.906 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 85 Resp: 1991243
Ion Ratio Lower Upper
85 100
87 32.5 27.0 40.6

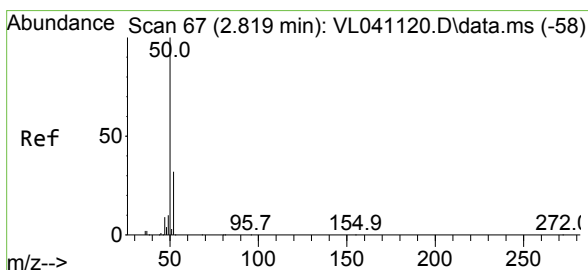
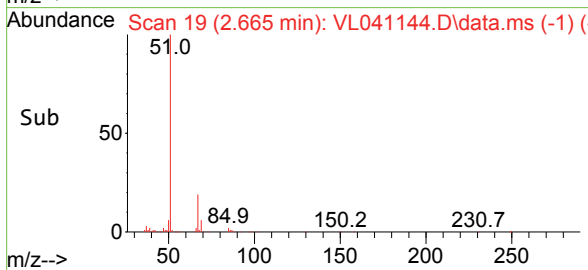
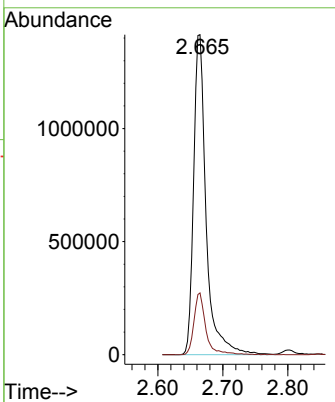
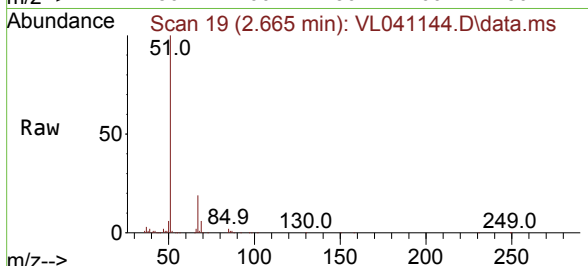




#3
Chlorodifluoromethane
Concen: 9.430 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

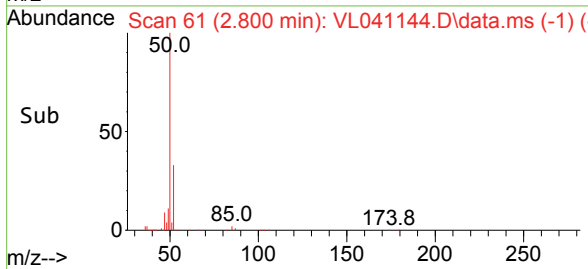
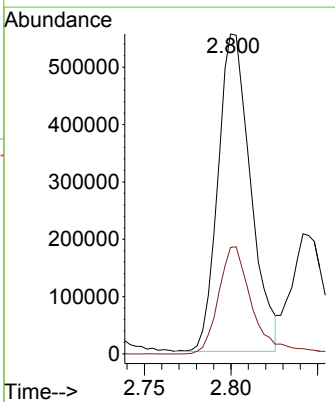
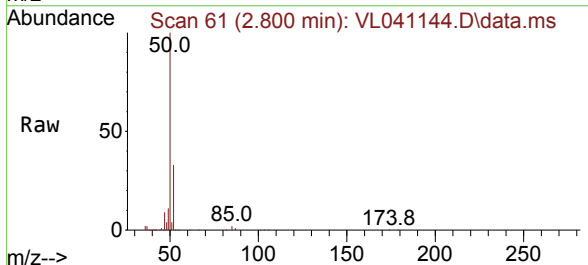
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ClientSampleId :
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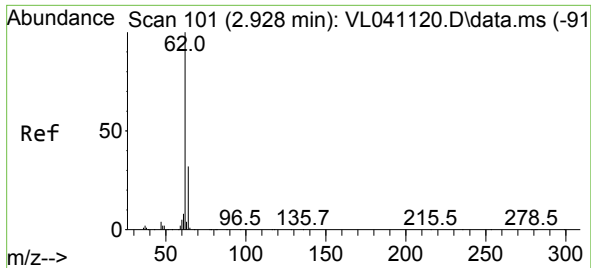
Tgt Ion: 51 Resp: 1898552
Ion Ratio Lower Upper
51 100
67 18.4 14.9 22.3



#4
Chloromethane
Concen: 9.537 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 50 Resp: 726593
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

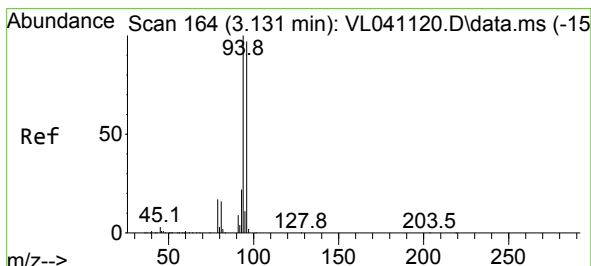
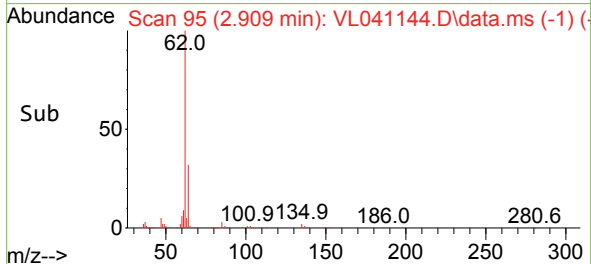
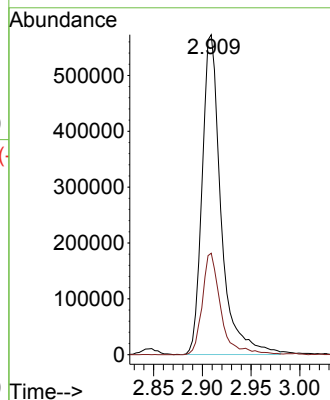
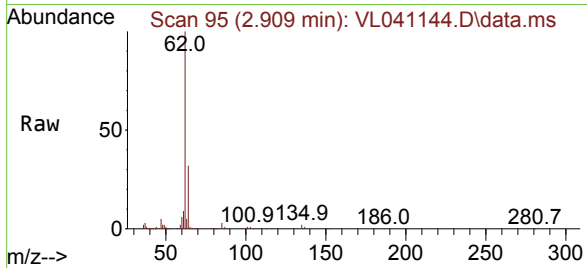




#5
 Vinyl Chloride
 Concen: 10.497 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

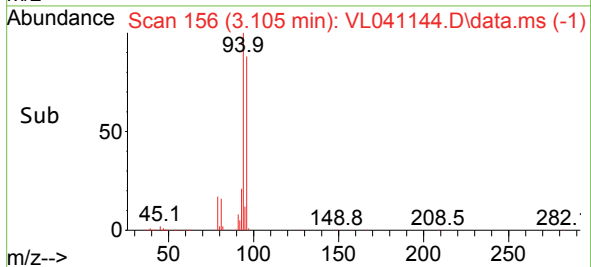
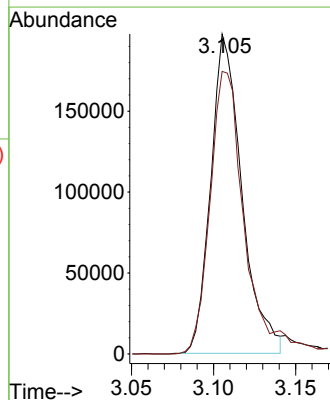
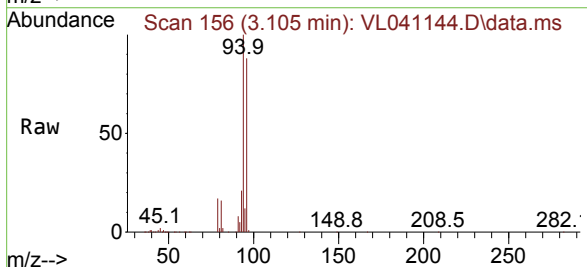
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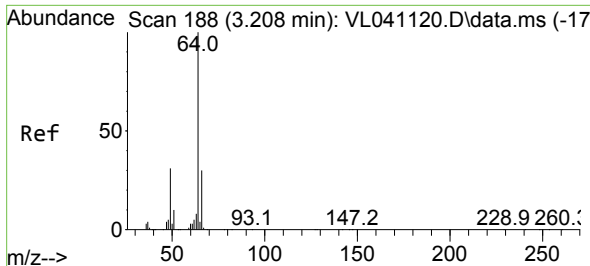
Tgt Ion: 62 Resp: 772566
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.6 38.4



#6
 Bromomethane
 Concen: 9.395 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Tgt Ion: 94 Resp: 260265
 Ion Ratio Lower Upper
 94 100
 96 88.2 77.9 116.9

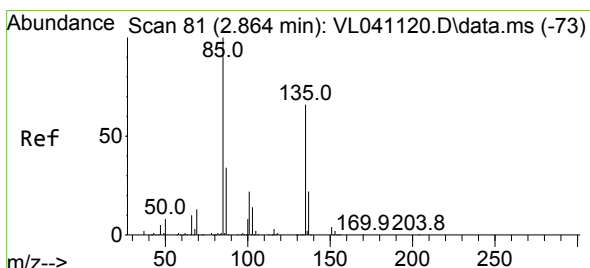
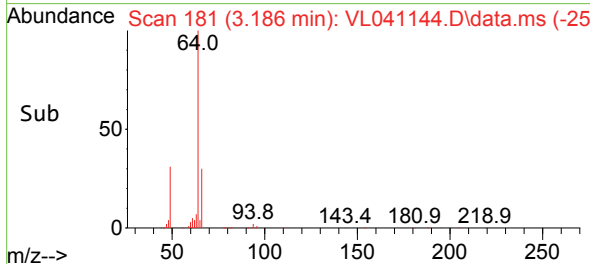
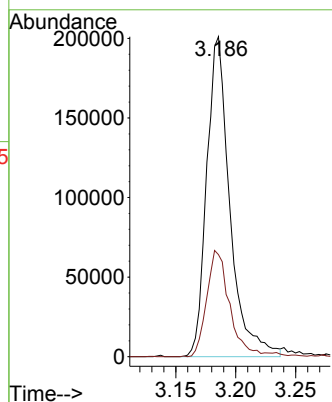
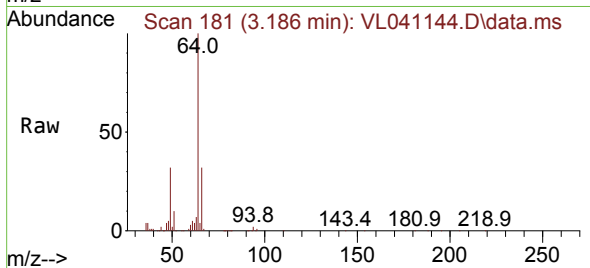




#7
Chloroethane
Concen: 10.019 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

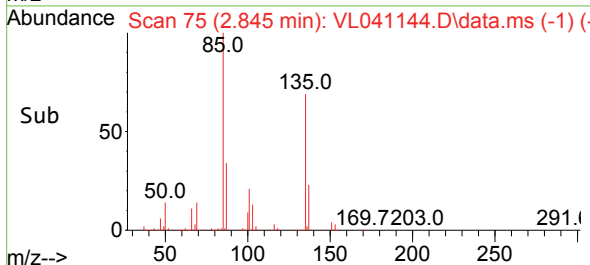
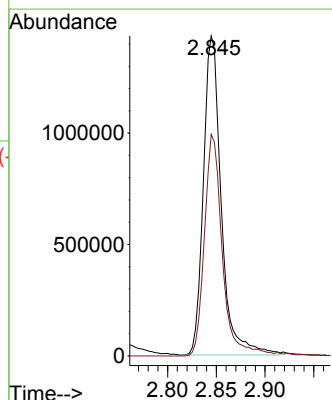
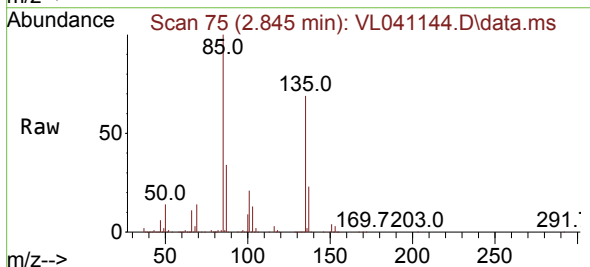
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

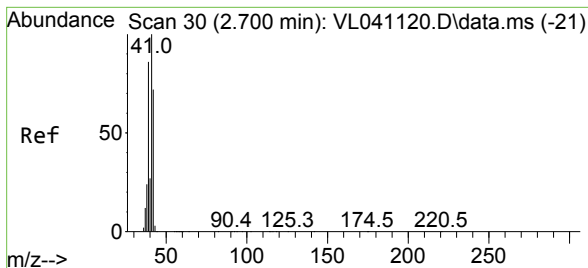
Tgt Ion: 64 Resp: 270603
Ion Ratio Lower Upper
64 100
66 31.9 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 9.598 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 85 Resp: 1830669
Ion Ratio Lower Upper
85 100
135 70.5 54.2 81.2





#9

Propene

Concen: 10.348 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

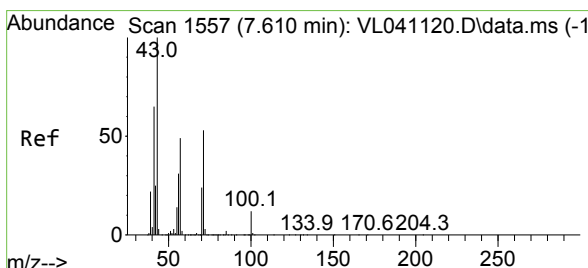
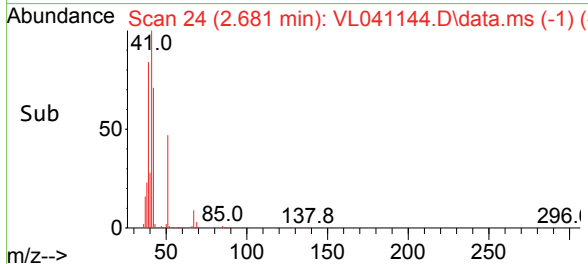
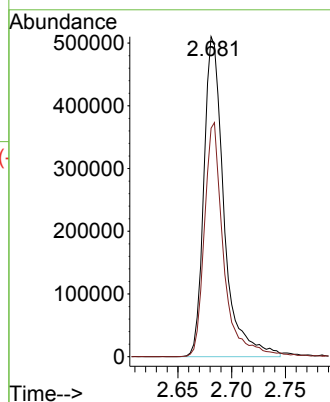
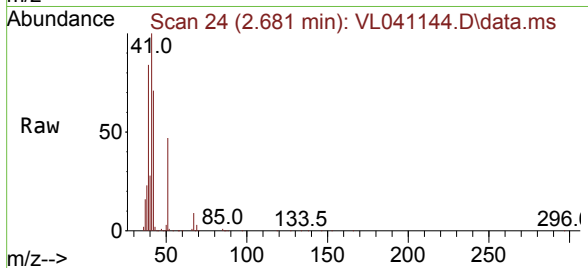
VSTDCCC010

Tgt Ion: 41 Resp: 662723

Ion Ratio Lower Upper

41 100

42 70.7 60.1 90.1



#10

Heptane

Concen: 10.761 ppbv

RT: 7.562 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VL041144.D

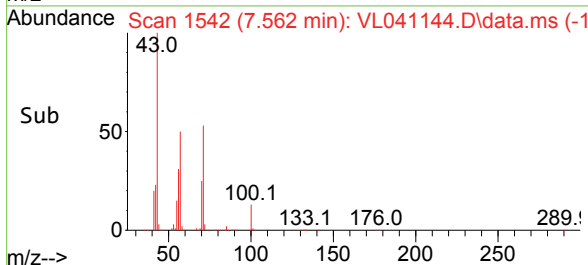
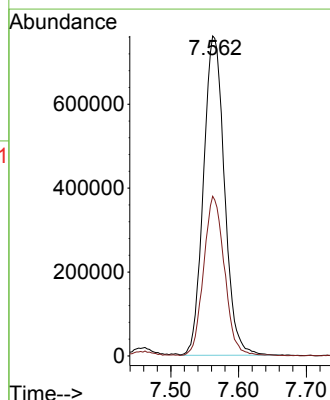
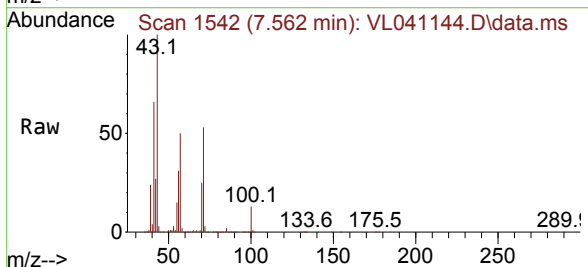
Acq: 8 Apr 2024 10:27

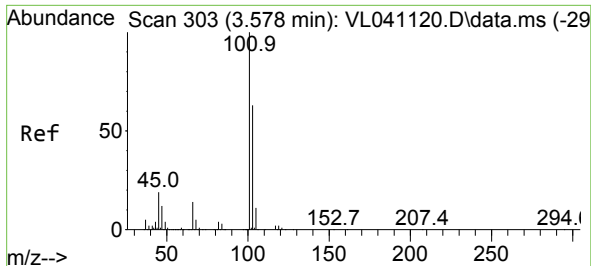
Tgt Ion: 43 Resp: 1636261

Ion Ratio Lower Upper

43 100

57 49.9 39.9 59.9

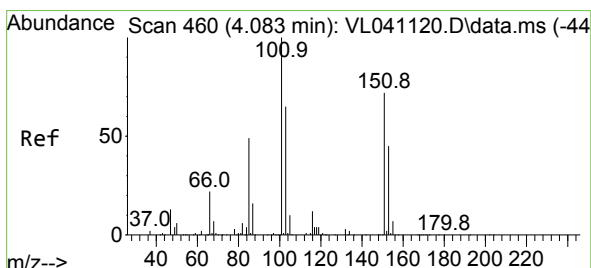
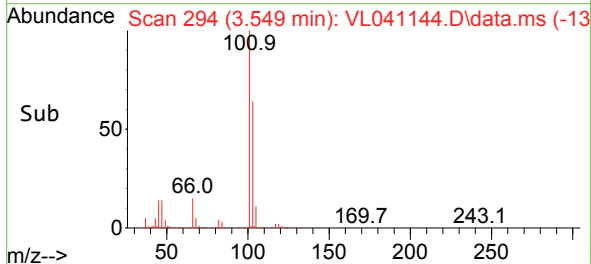
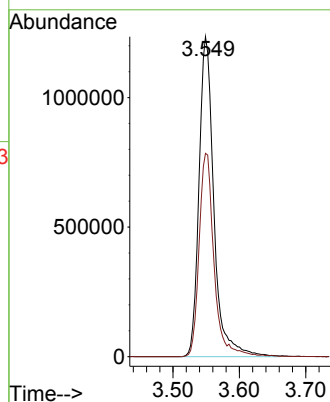
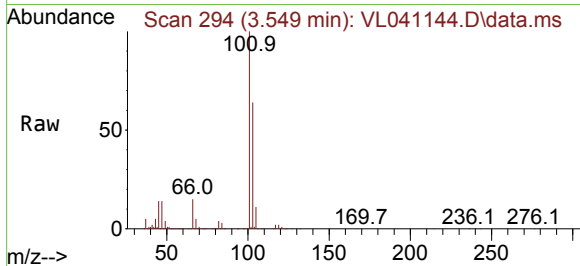




#11
 Trichlorofluoromethane
 Concen: 9.474 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

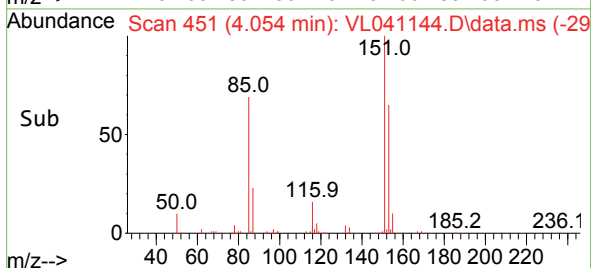
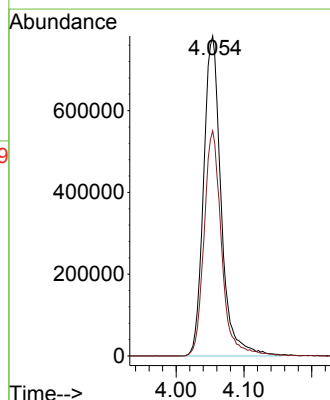
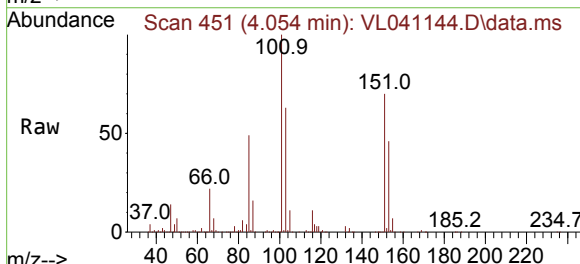
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

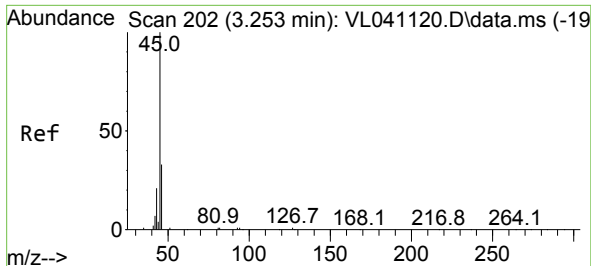
Tgt Ion:101 Resp: 1920937
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.580 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Tgt Ion:101 Resp: 1405832
 Ion Ratio Lower Upper
 101 100
 151 70.4 56.2 84.4

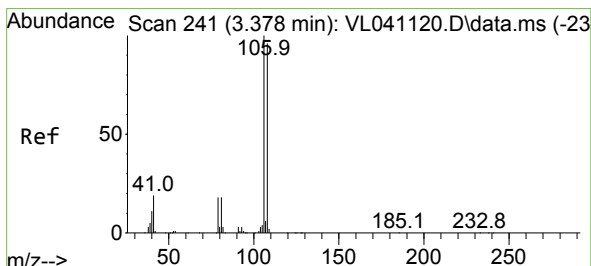
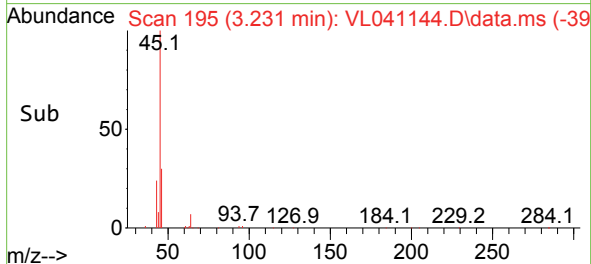
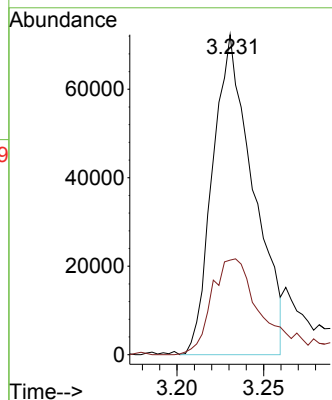
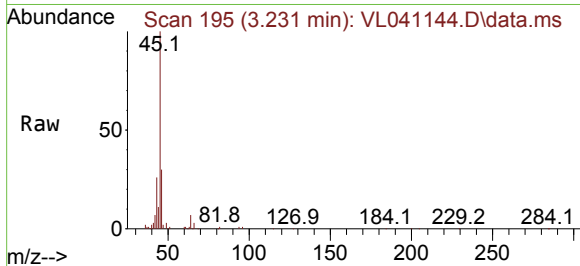




#13
Ethanol
Concen: 7.727 ppbv
RT: 3.231 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

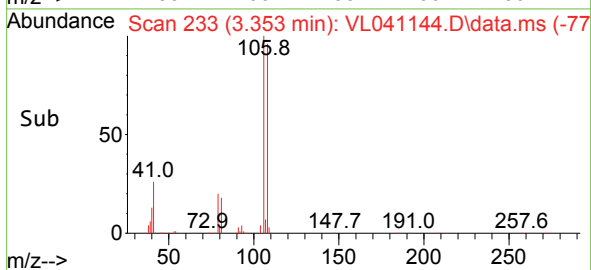
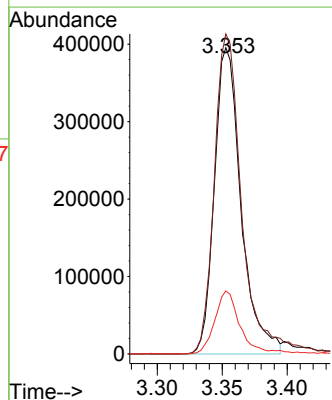
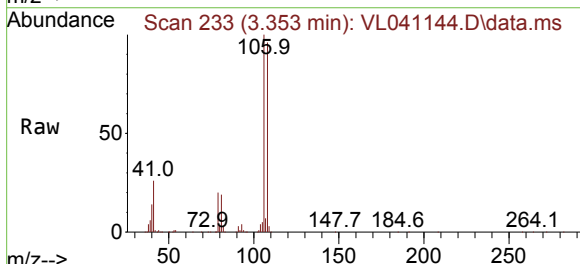
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

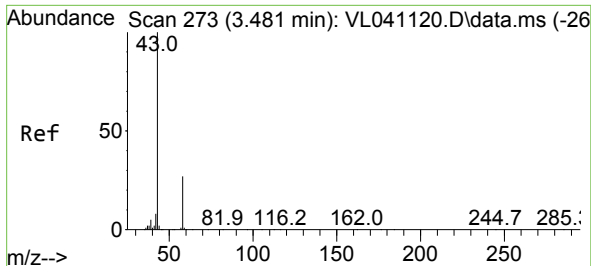
Tgt Ion: 45 Resp: 117706
Ion Ratio Lower Upper
45 100
46 42.6 15.0 59.8



#14
Bromoethene
Concen: 9.741 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion:108 Resp: 563061
Ion Ratio Lower Upper
108 100
106 109.5 86.0 129.0
79 20.4 15.4 23.2

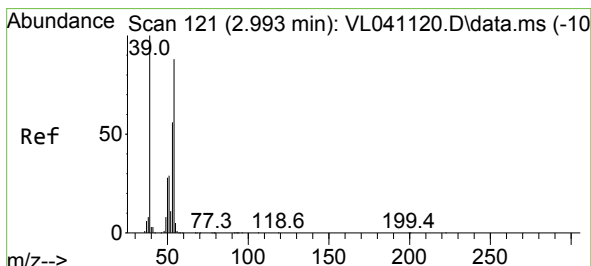
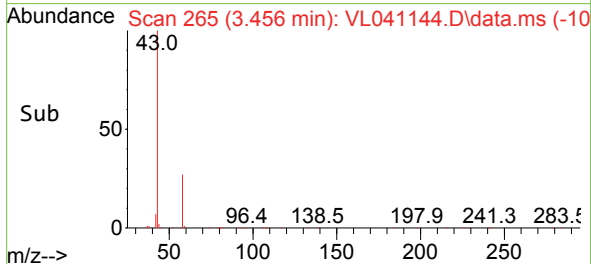
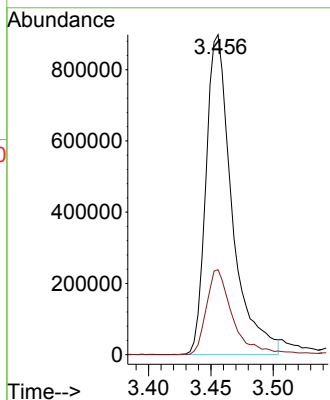
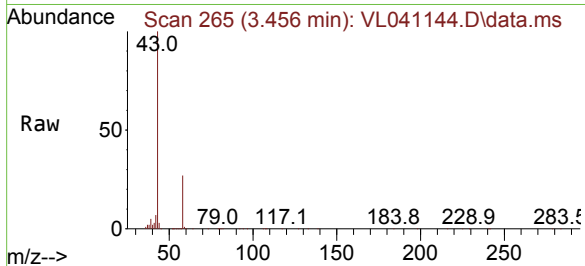




#15
Acetone
Concen: 9.231 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

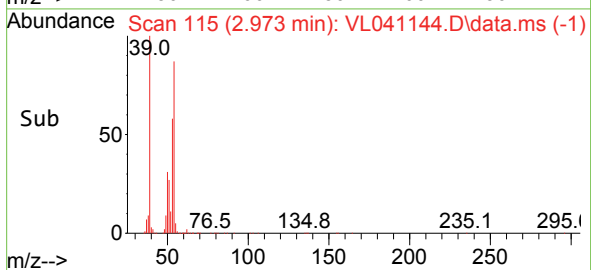
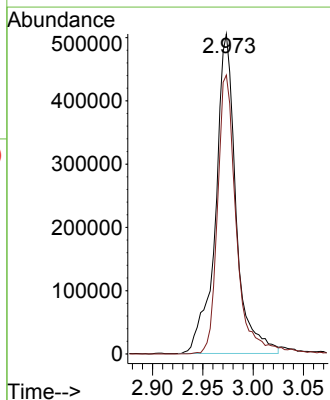
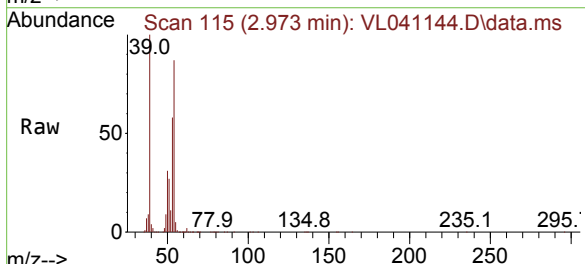
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

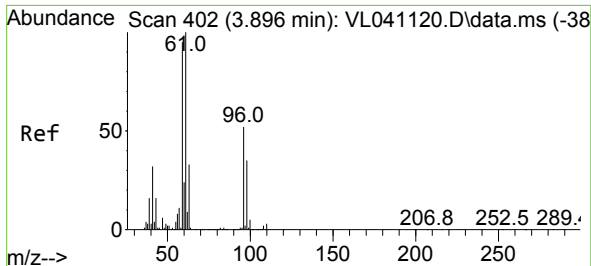
Tgt Ion: 43 Resp: 1306484
Ion Ratio Lower Upper
43 100
58 27.3 21.1 31.7



#16
1,3-Butadiene
Concen: 10.311 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 39 Resp: 716349
Ion Ratio Lower Upper
39 100
54 80.9 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.146 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

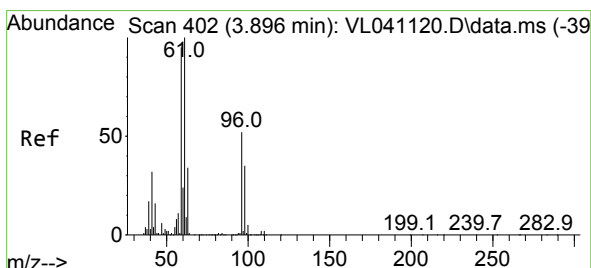
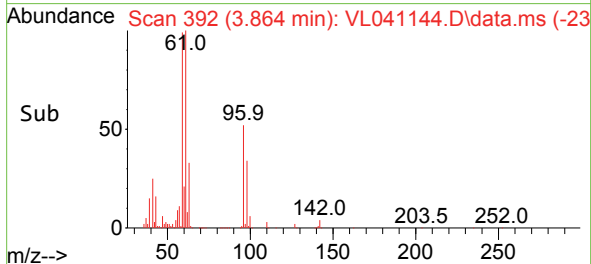
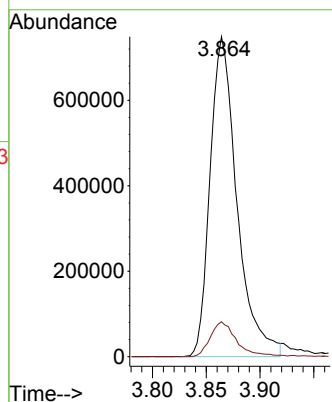
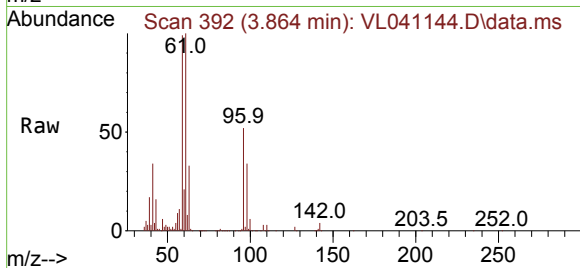
VSTDCCC010

Tgt Ion: 59 Resp: 1300477

Ion Ratio Lower Upper

59 100

57 11.1 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.090 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

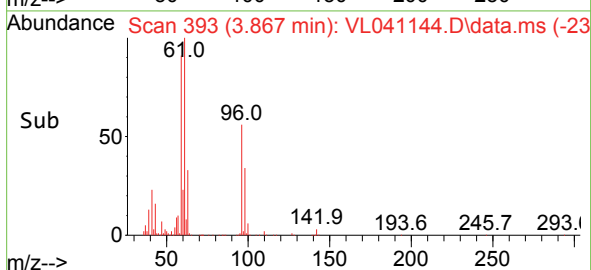
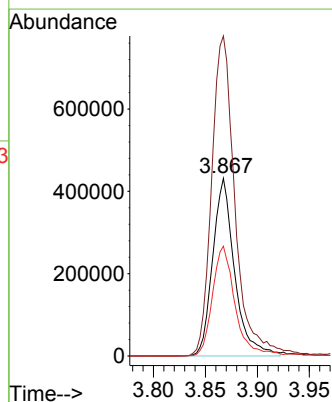
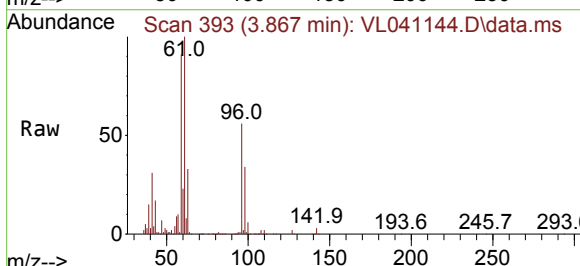
Tgt Ion: 96 Resp: 632153

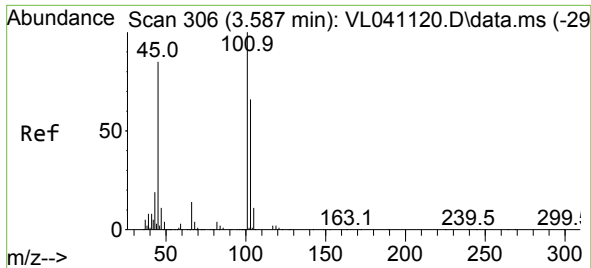
Ion Ratio Lower Upper

96 100

61 180.1 152.6 228.8

98 61.8 54.0 81.0





#19

Isopropyl Alcohol

Concen: 10.072 ppbv

RT: 3.562 min Scan# 24

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

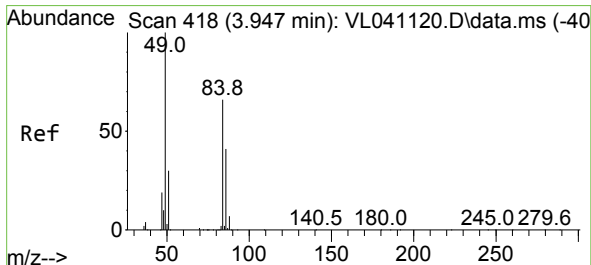
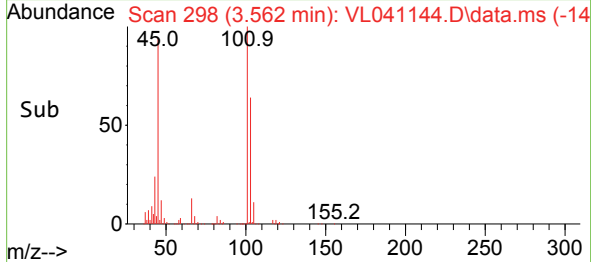
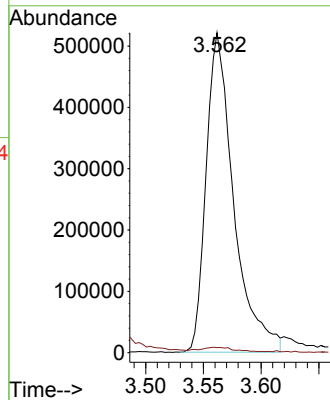
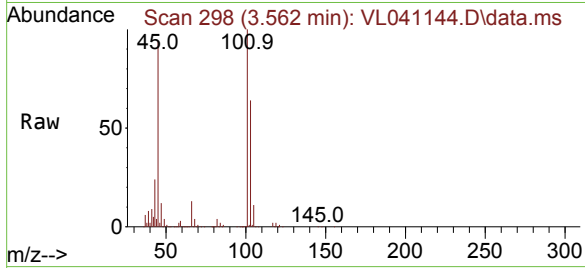
VSTDCCC010

Tgt Ion: 45 Resp: 866023

Ion Ratio Lower Upper

45 100

58 1.7 2.8 4.2#



#20

Methylene Chloride

Concen: 9.023 ppbv

RT: 3.919 min Scan# 409

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Tgt Ion: 84 Resp: 526692

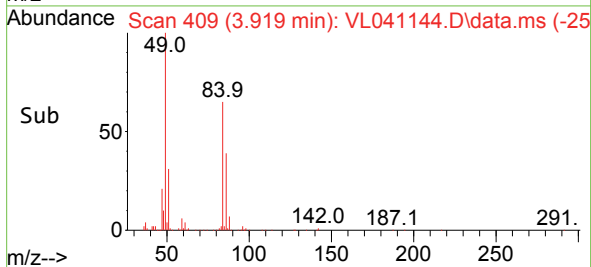
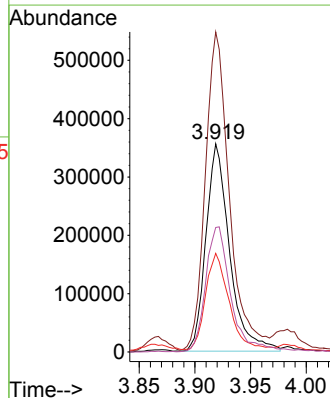
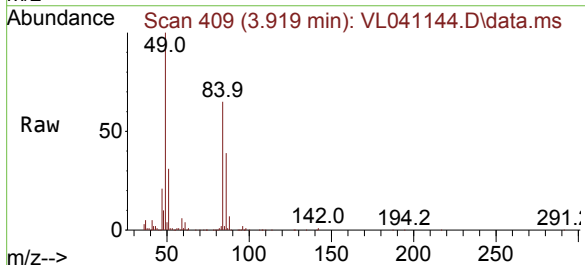
Ion Ratio Lower Upper

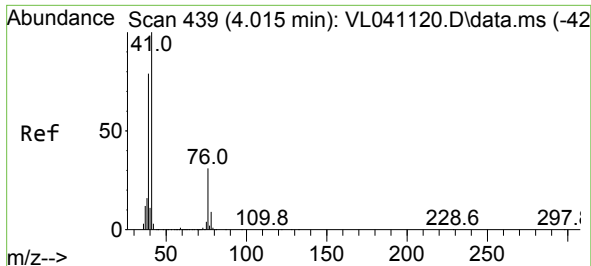
84 100

49 153.4 120.7 181.1

51 46.3 36.6 54.8

86 59.9 49.2 73.8

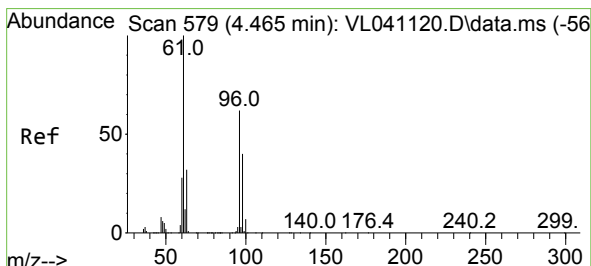
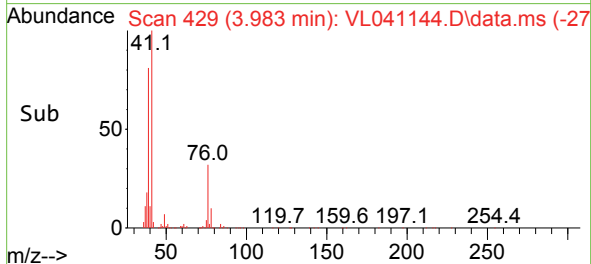
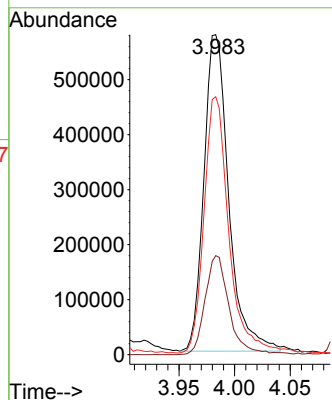
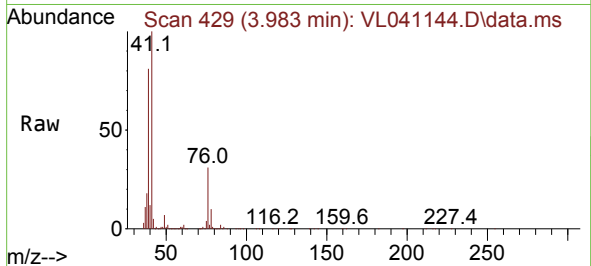




#21
 Allyl Chloride
 Concen: 10.364 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

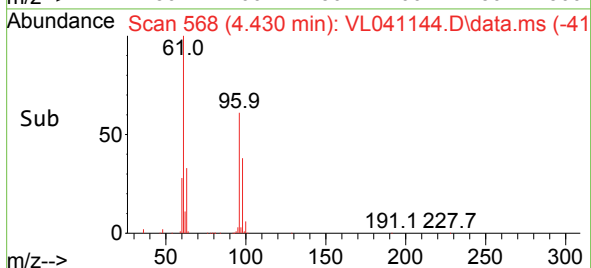
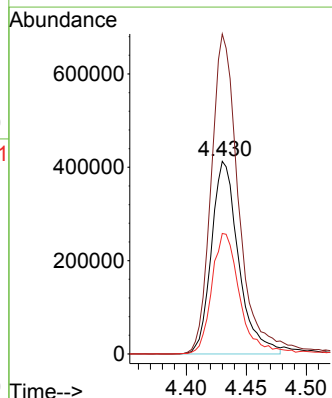
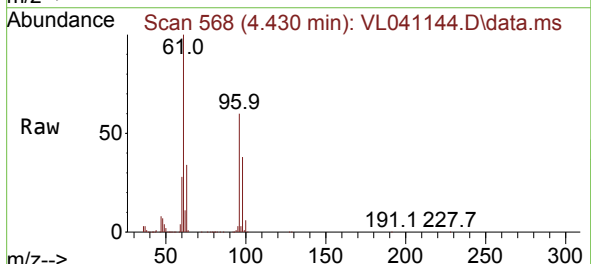
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

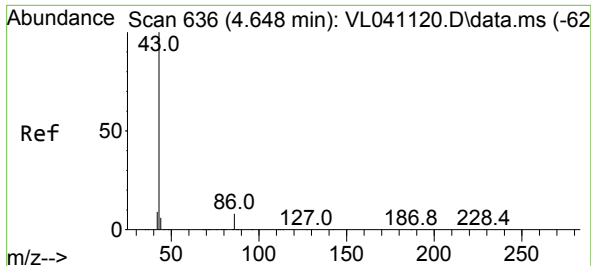
Tgt Ion: 41 Resp: 893772
 Ion Ratio Lower Upper
 41 100
 76 30.6 25.7 38.5
 39 82.7 65.7 98.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.920 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Tgt Ion: 96 Resp: 651550
 Ion Ratio Lower Upper
 96 100
 61 166.0 128.4 192.6
 98 62.5 51.5 77.3



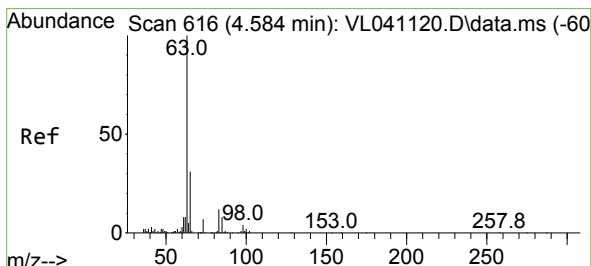
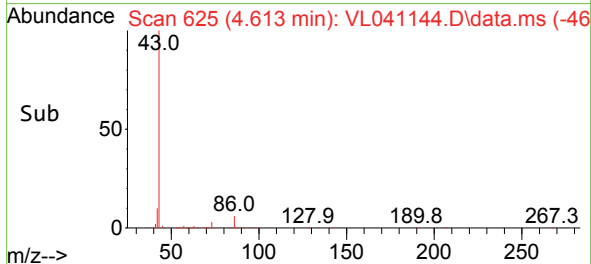
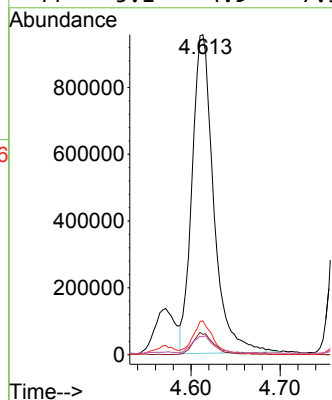
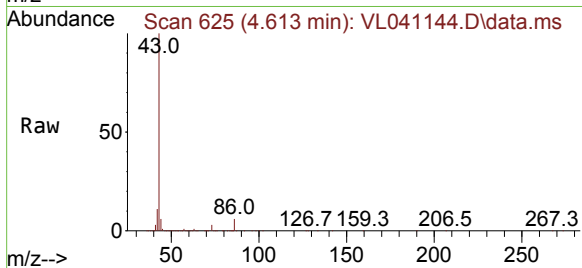


#23
 Vinyl Acetate
 Concen: 11.132 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1609467

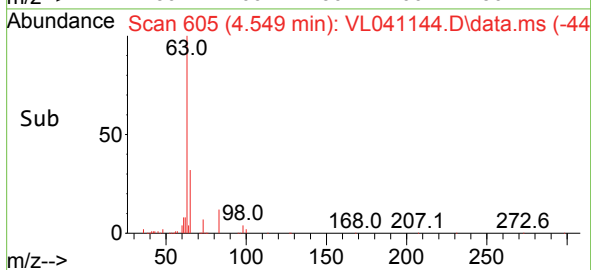
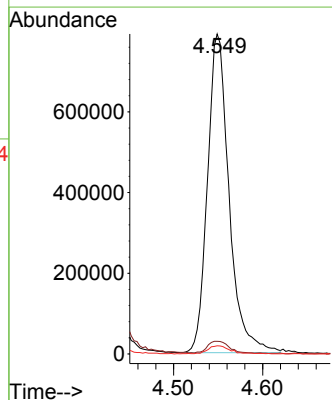
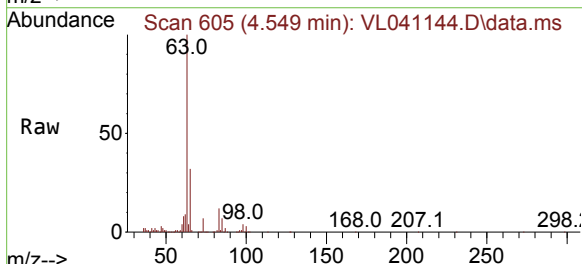
Ion	Ratio	Lower	Upper
43	100		
86	6.3	6.2	9.4
42	10.5	7.7	11.5
44	5.1	4.9	7.3

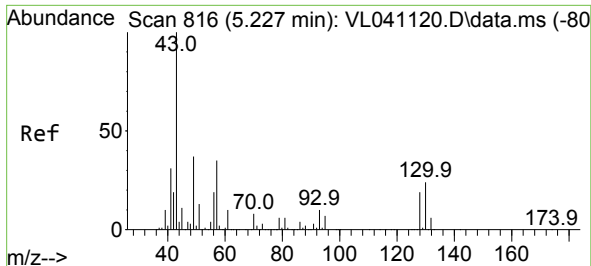


#24
 1,1-Dichloroethane
 Concen: 10.106 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Tgt Ion: 63 Resp: 1329528

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.3
100	2.5	1.1	3.3



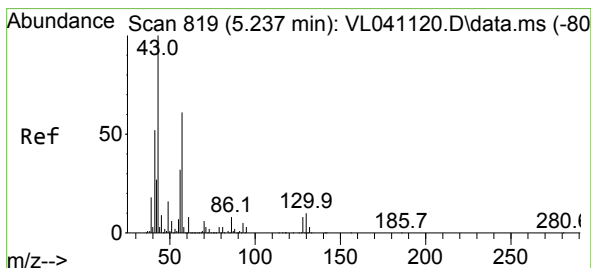
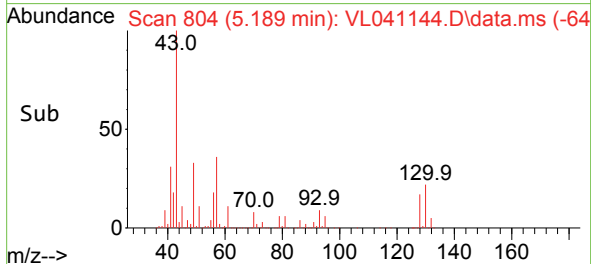
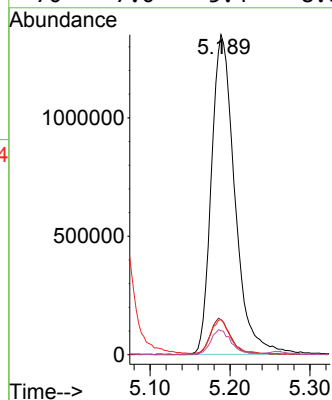
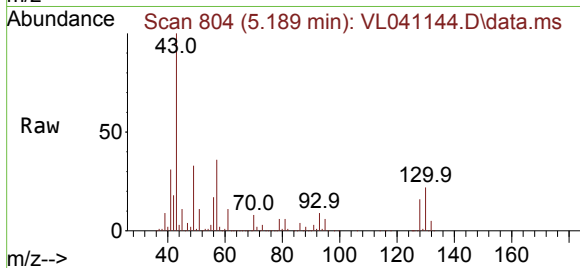


#25
Ethyl Acetate
Concen: 10.238 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2721254

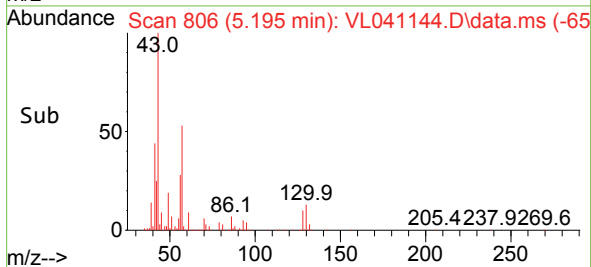
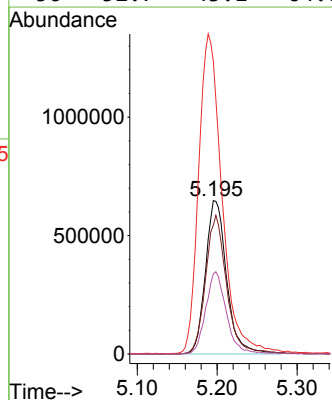
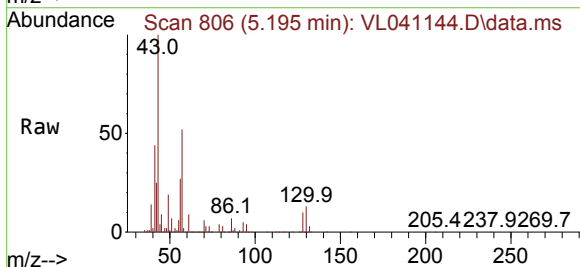
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.0	12.0
61	9.8	7.8	11.6
70	7.0	5.4	8.0

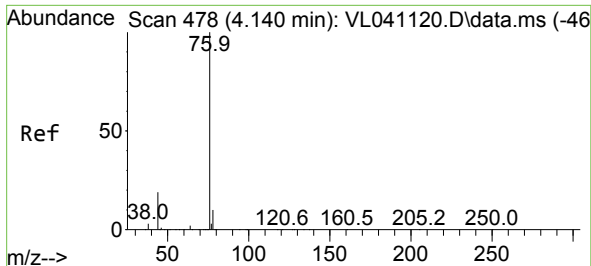


#26
Hexane
Concen: 10.002 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 57 Resp: 1192930

Ion	Ratio	Lower	Upper
57	100		
41	90.2	73.8	110.8
43	231.5	186.2	279.2
56	52.7	43.1	64.7

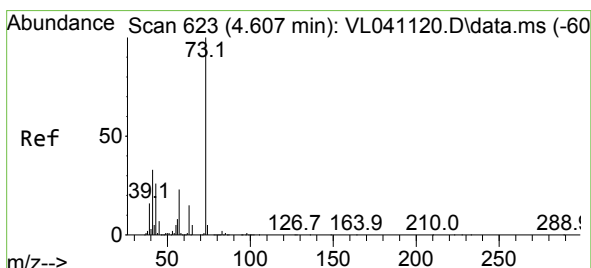
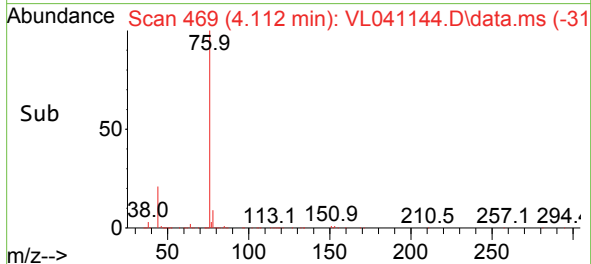
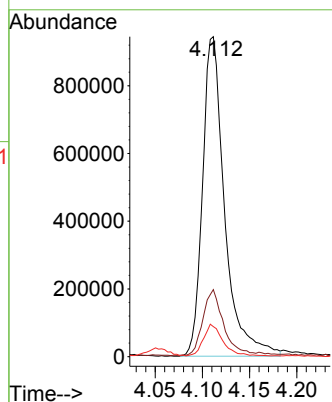
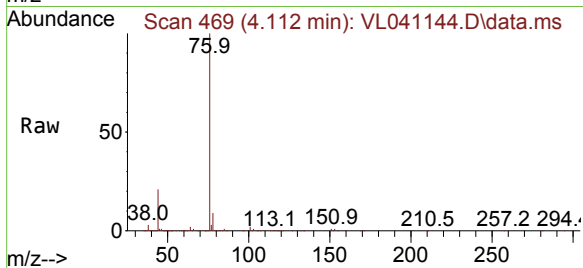




#27
Carbon Disulfide
Concen: 10.507 ppbv
RT: 4.112 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

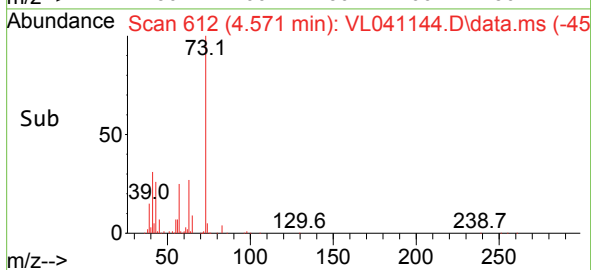
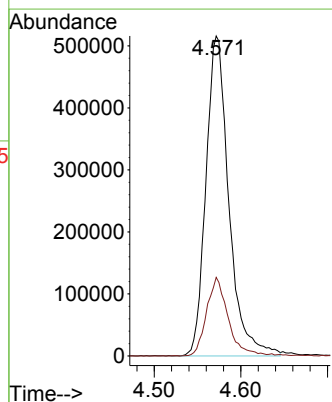
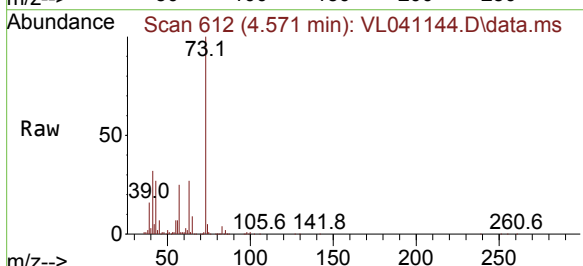
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

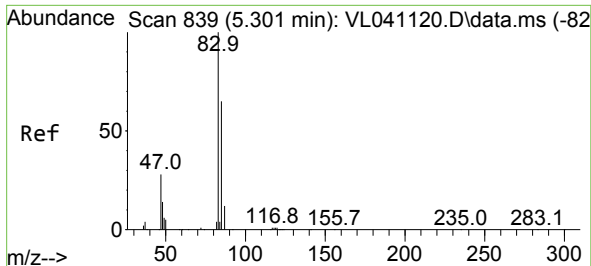
Tgt Ion: 76 Resp: 1535445
Ion Ratio Lower Upper
76 100
44 20.2 16.3 24.5
78 9.6 7.9 11.9



#28
Methyl tert-Butyl Ether
Concen: 10.548 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 73 Resp: 949320
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8

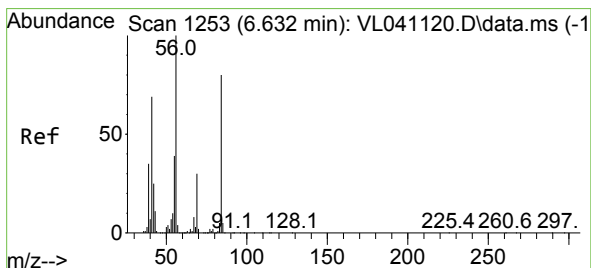
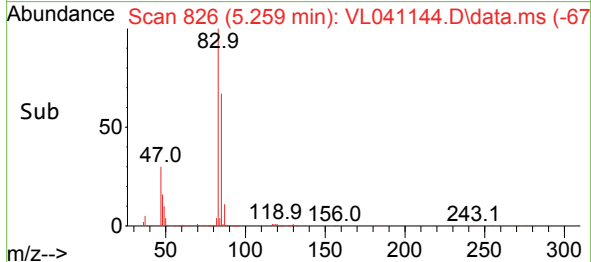
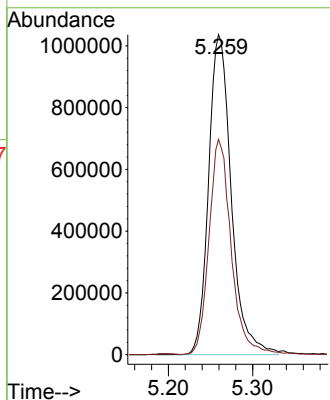
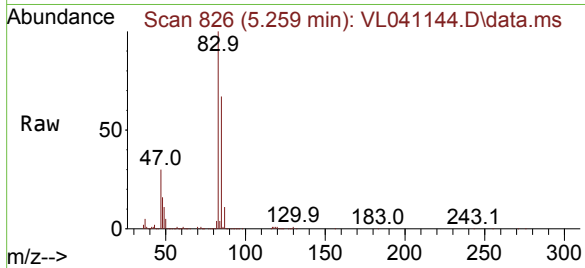




#29
Chloroform
Concen: 9.638 ppbv
RT: 5.259 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

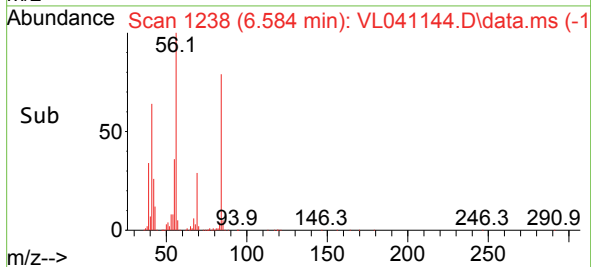
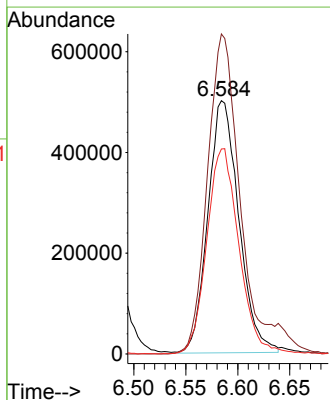
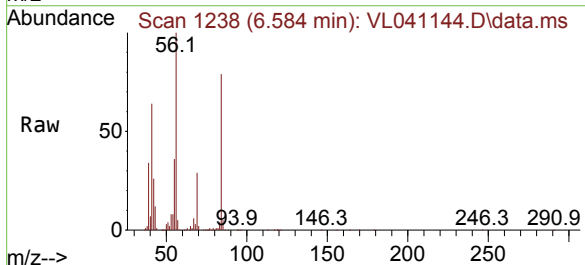
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

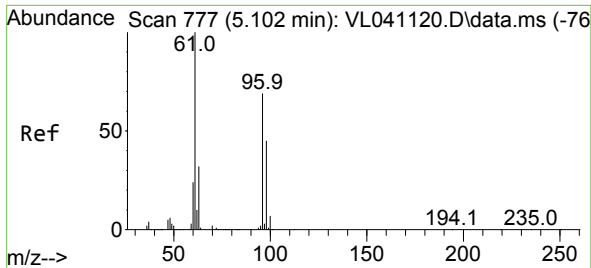
Tgt Ion: 83 Resp: 1937688
Ion Ratio Lower Upper
83 100
85 67.1 51.5 77.3



#30
Cyclohexane
Concen: 10.647 ppbv
RT: 6.584 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 84 Resp: 1034370
Ion Ratio Lower Upper
84 100
56 138.1 111.9 167.9
41 84.8 71.0 106.6



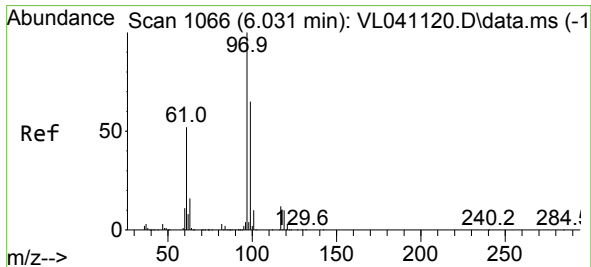
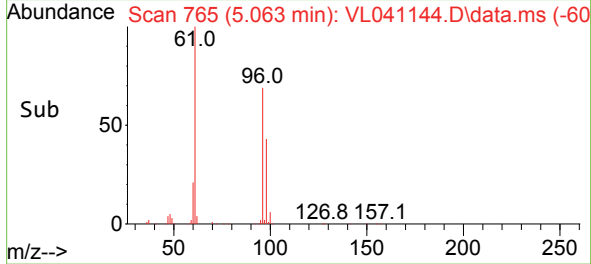
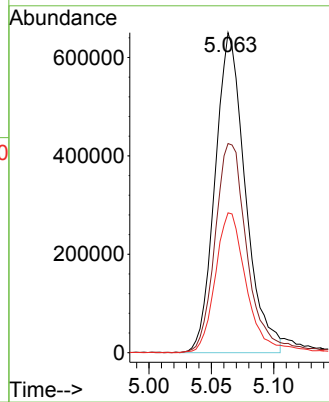
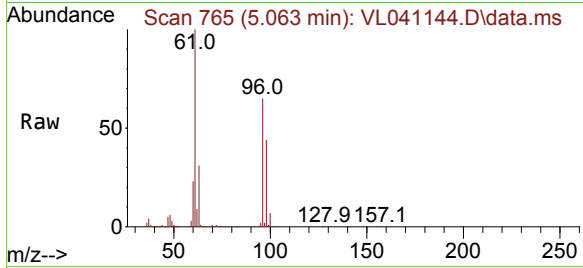


#31
 cis-1,2-Dichloroethene
 Concen: 9.716 ppbv
 RT: 5.063 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 1096823

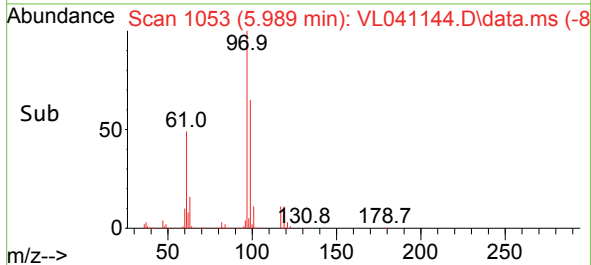
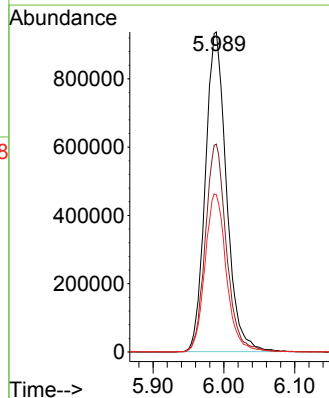
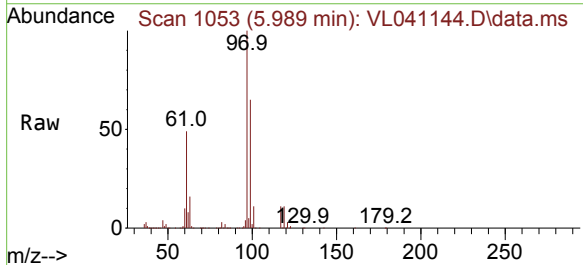
Ion	Ratio	Lower	Upper
61	100		
96	65.3	54.9	82.3
98	43.6	35.9	53.9

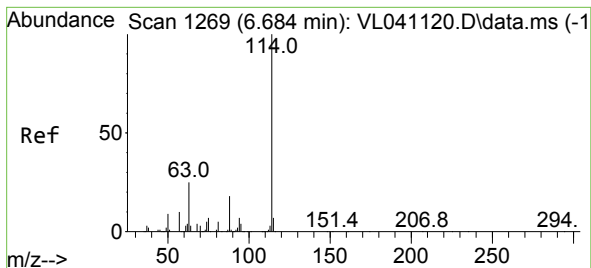


#32
 1,1,1-Trichloroethane
 Concen: 10.402 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Tgt Ion: 97 Resp: 1933241

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	50.5	40.5	60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

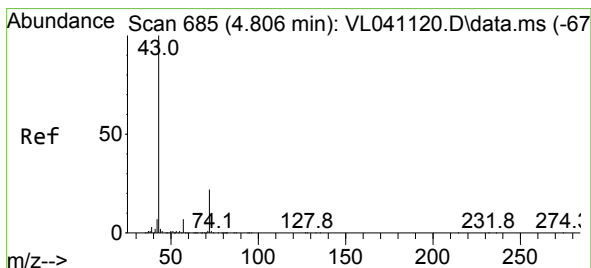
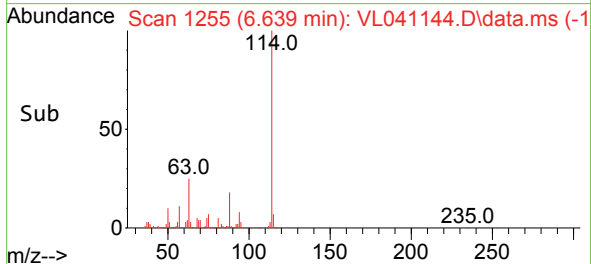
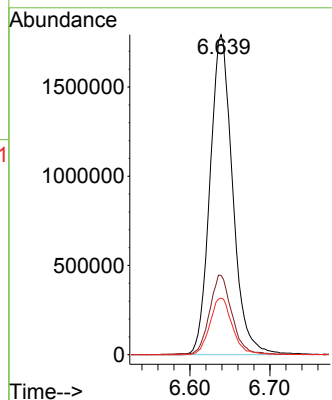
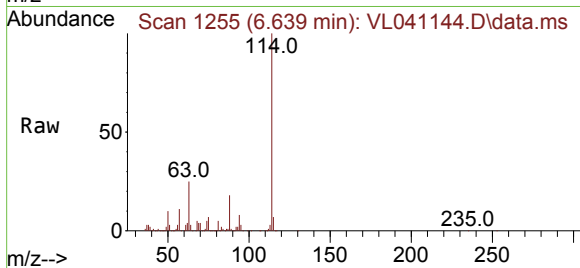
Tgt Ion:114 Resp: 3521660

Ion Ratio Lower Upper

114 100

63 25.0 20.9 31.3

88 17.7 14.5 21.7



#34

2-Butanone

Concen: 9.845 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.000 min

Lab File: VL041144.D

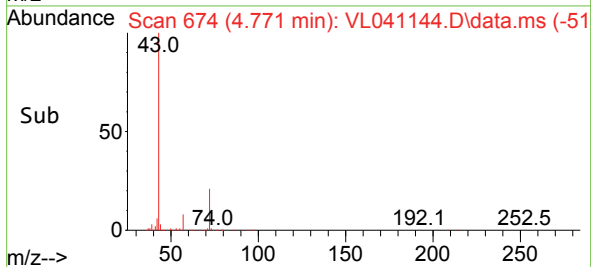
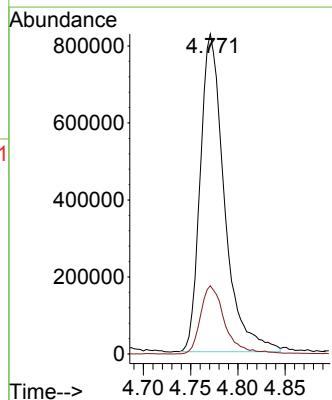
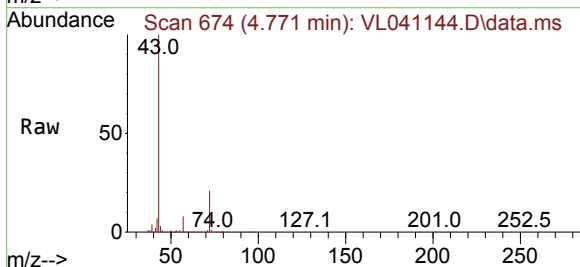
Acq: 8 Apr 2024 10:27

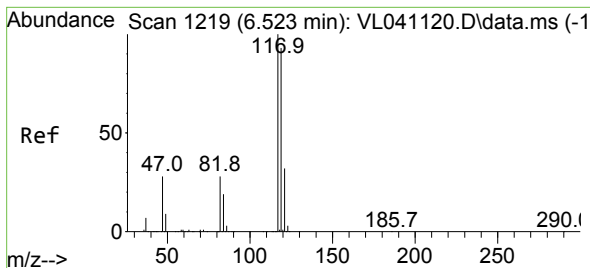
Tgt Ion: 43 Resp: 1467156

Ion Ratio Lower Upper

43 100

72 21.9 17.6 26.4





#35

Carbon Tetrachloride

Concen: 10.291 ppbv

RT: 6.478 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

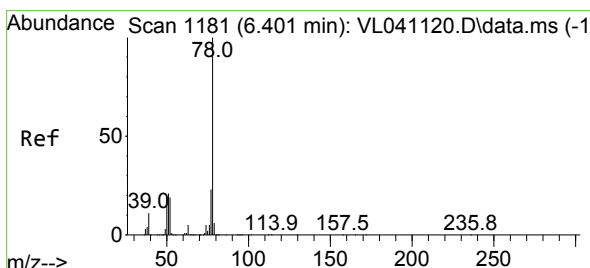
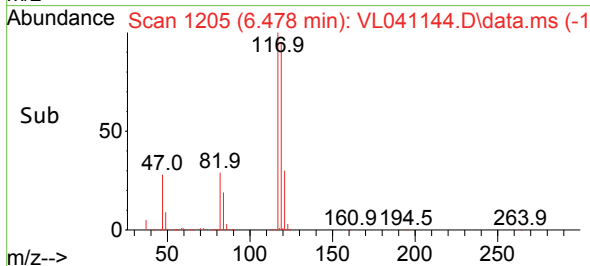
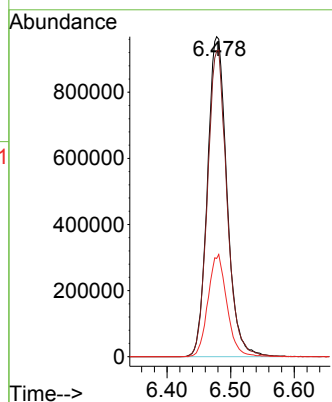
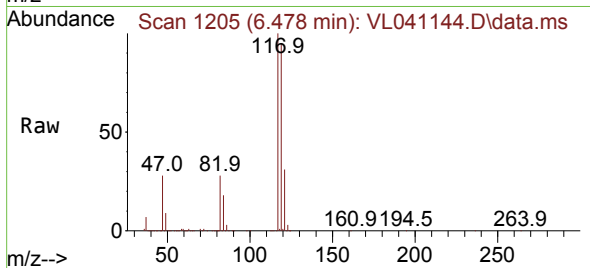
Tgt Ion:117 Resp: 2063395

Ion Ratio Lower Upper

117 100

119 95.4 74.2 111.4

121 30.7 25.4 38.2



#36

Benzene

Concen: 10.084 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

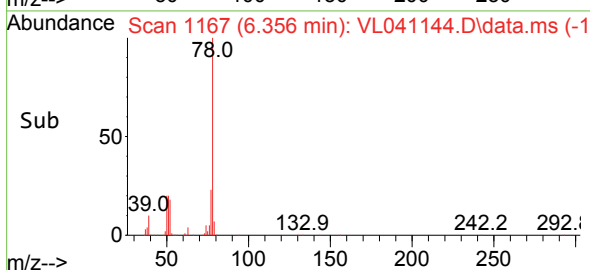
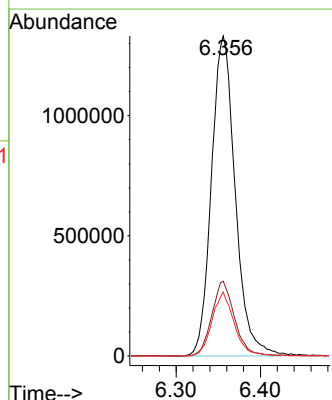
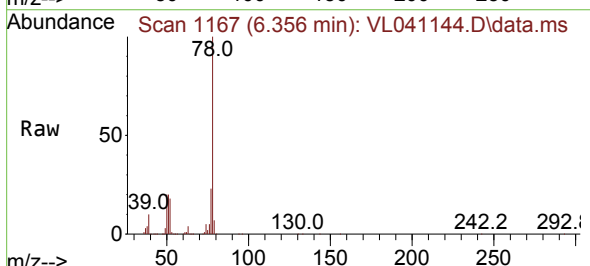
Tgt Ion: 78 Resp: 2607721

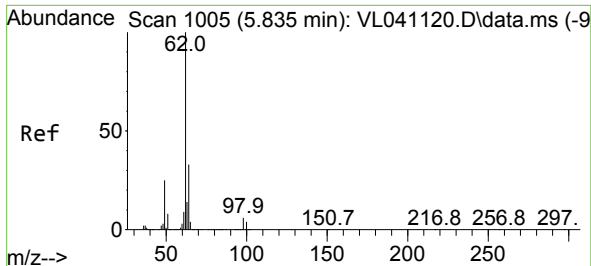
Ion Ratio Lower Upper

78 100

77 23.4 18.2 27.4

50 20.0 15.4 23.2

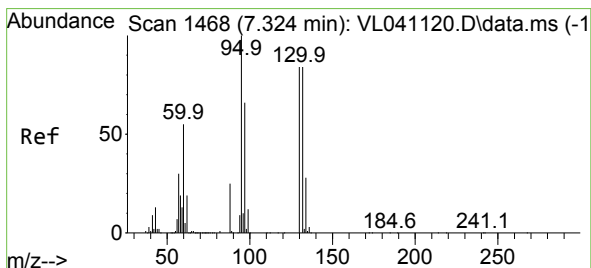
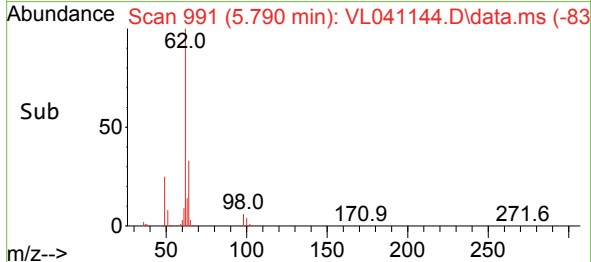
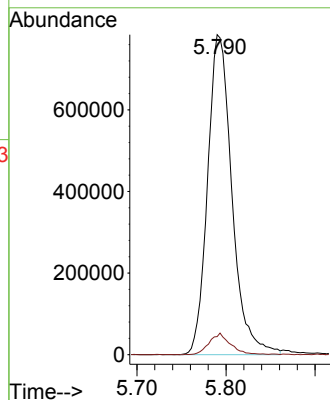
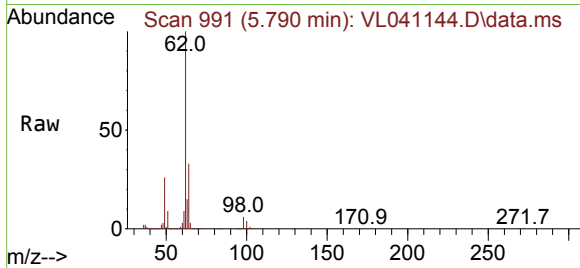




#37
1,2-Dichloroethane
Concen: 9.606 ppbv
RT: 5.790 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

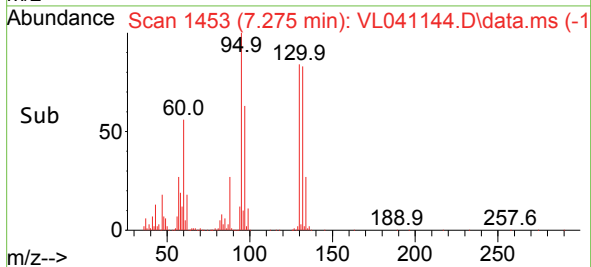
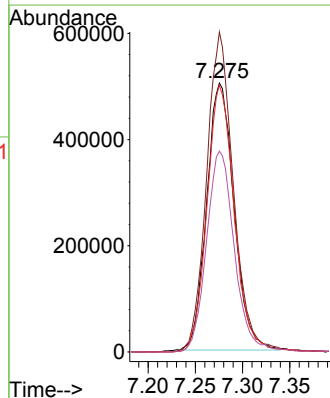
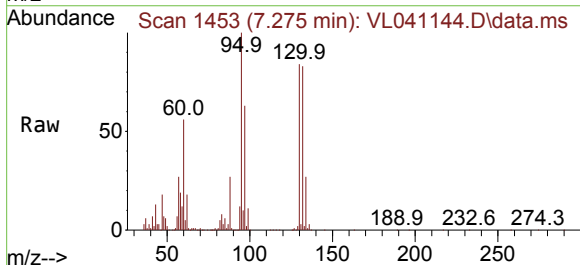
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

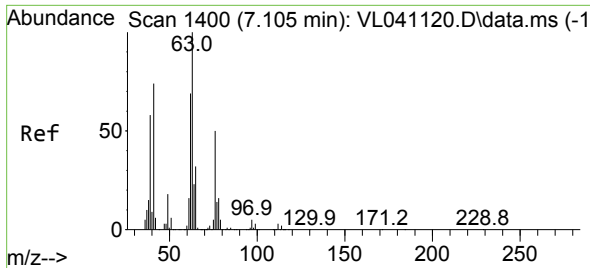
Tgt Ion: 62 Resp: 1491562
Ion Ratio Lower Upper
62 100
98 6.1 4.6 7.0



#38
Trichloroethene
Concen: 10.836 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion:130 Resp: 1012436
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 99.7 80.0 120.0
97 75.1 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.875 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

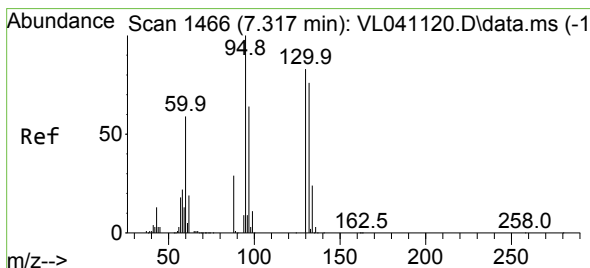
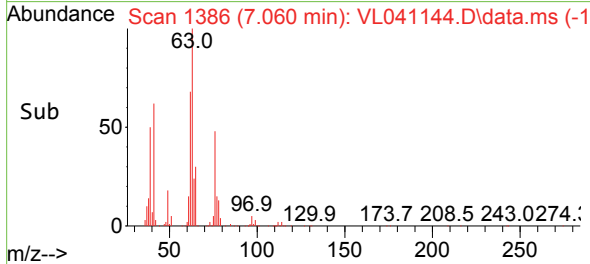
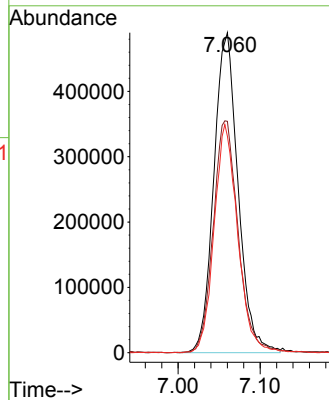
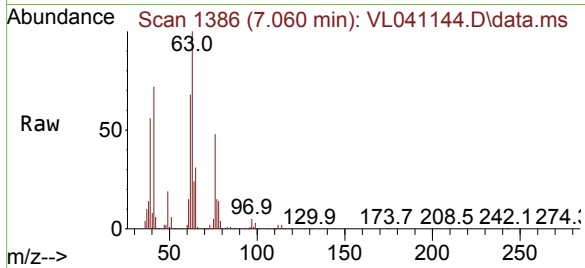
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 1006962

Ion	Ratio	Lower	Upper
63	100		
41	72.2	58.7	88.1
62	67.7	55.5	83.3



#40

1,4-Dioxane

Concen: 10.483 ppbv

RT: 7.272 min Scan# 1452

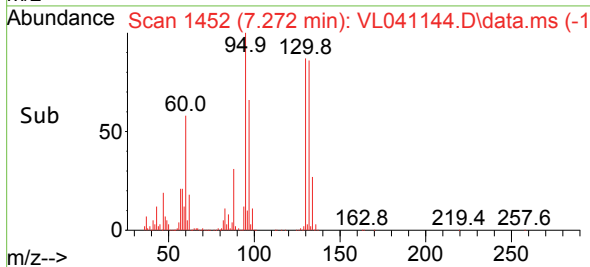
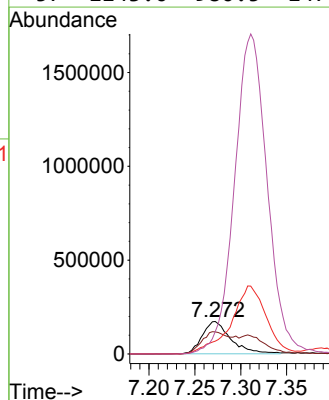
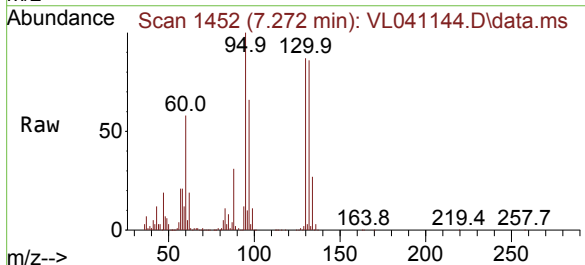
Delta R.T. 0.000 min

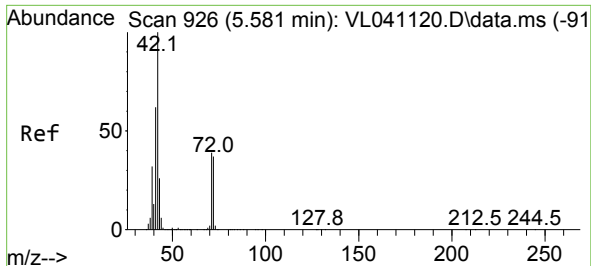
Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Tgt Ion: 88 Resp: 372530

Ion	Ratio	Lower	Upper
88	100		
58	126.7	107.8	161.6
43	257.9	223.8	335.6
57	1143.0	980.5	1470.7

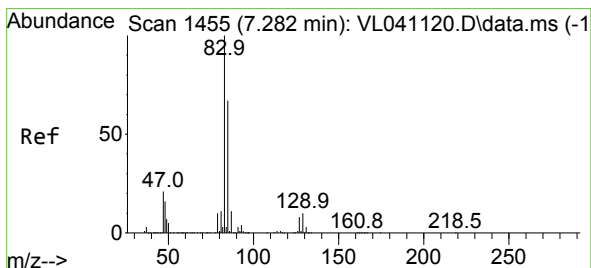
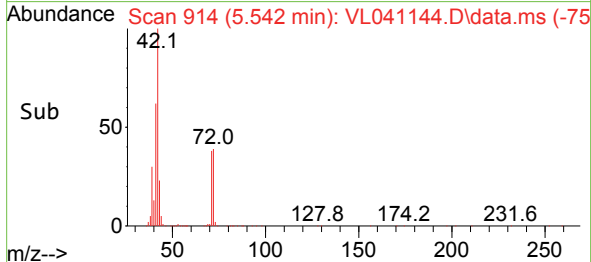
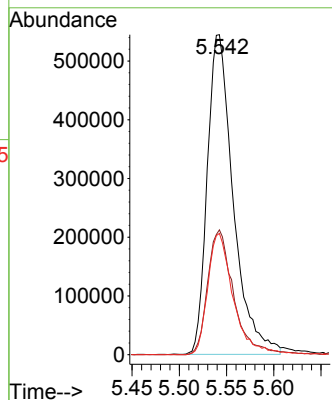
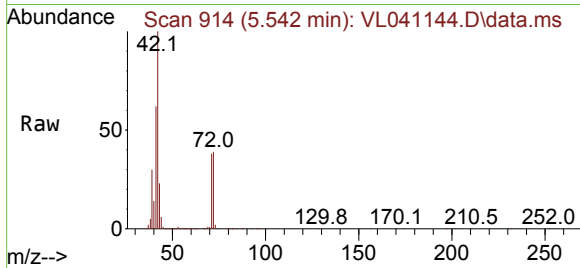




#41
Tetrahydrofuran
Concen: 10.476 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

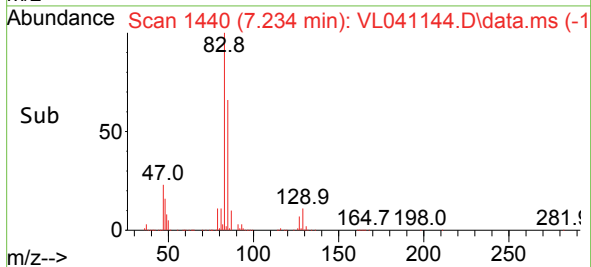
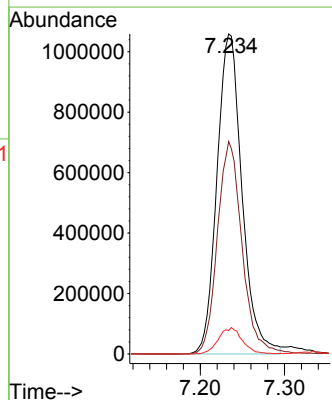
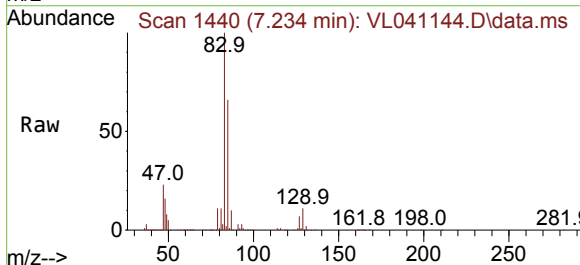
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

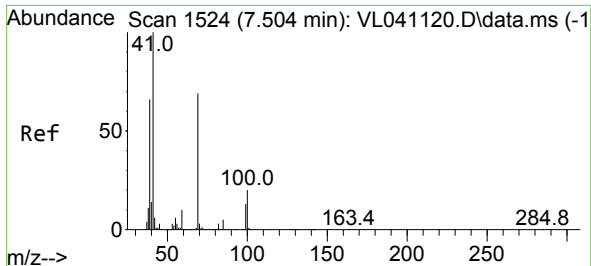
Tgt Ion: 42 Resp: 1039472
Ion Ratio Lower Upper
42 100
72 39.4 31.2 46.8
71 37.9 29.9 44.9



#42
Bromodichloromethane
Concen: 9.841 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 83 Resp: 2183073
Ion Ratio Lower Upper
83 100
85 66.4 53.5 80.3
127 7.3 6.2 9.4



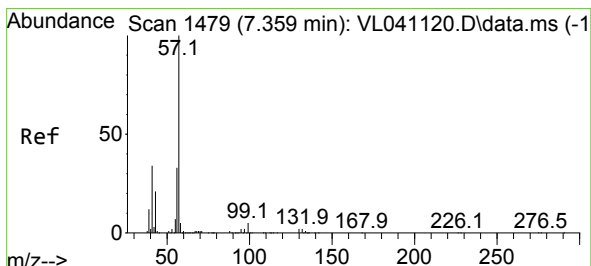
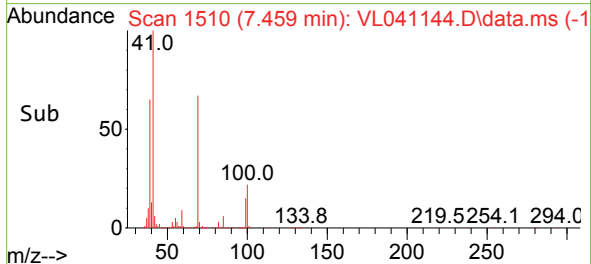
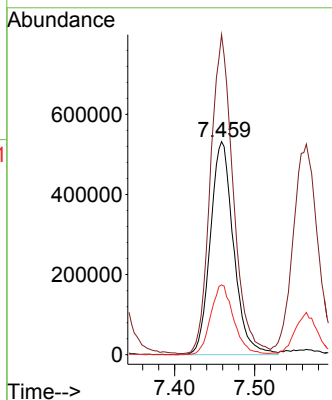
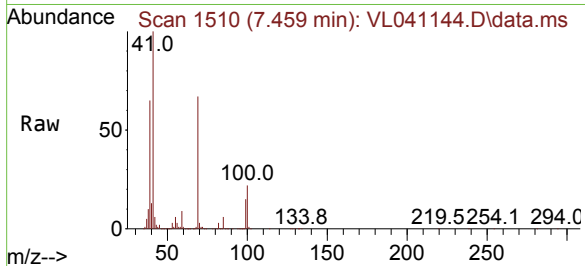


#43
Methyl Methacrylate
Concen: 10.886 ppbv
RT: 7.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1072311

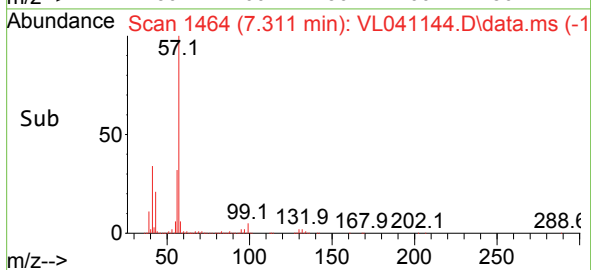
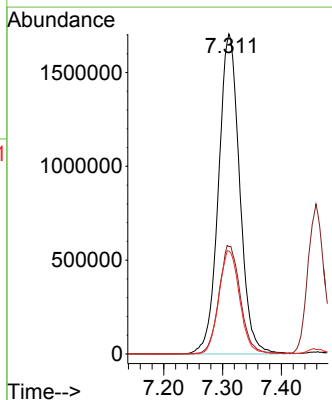
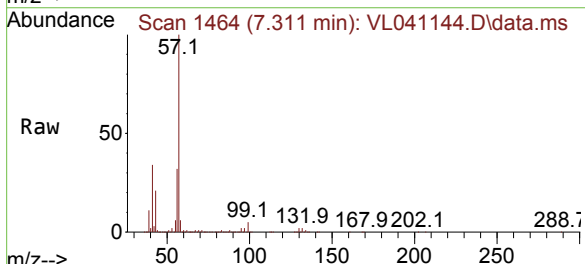
Ion	Ratio	Lower	Upper
69	100		
41	147.2	119.2	178.8
100	32.4	24.6	37.0

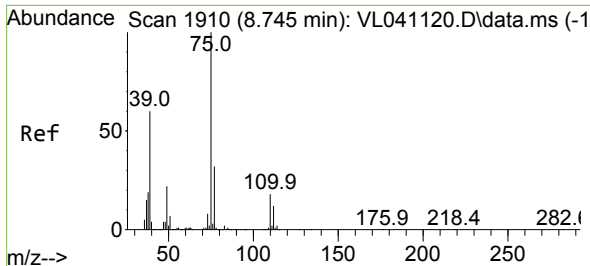


#44
2,2,4-Trimethylpentane
Concen: 9.928 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 57 Resp: 4250474

Ion	Ratio	Lower	Upper
57	100		
41	34.4	28.2	42.2
56	32.0	25.2	37.8

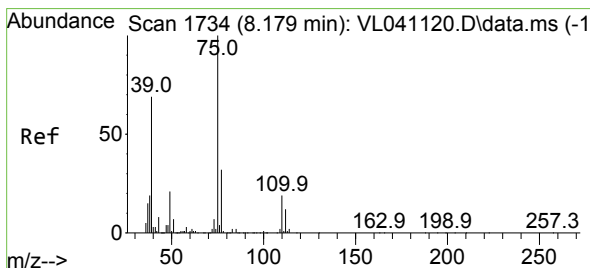
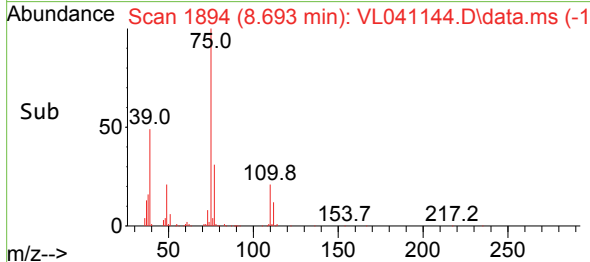
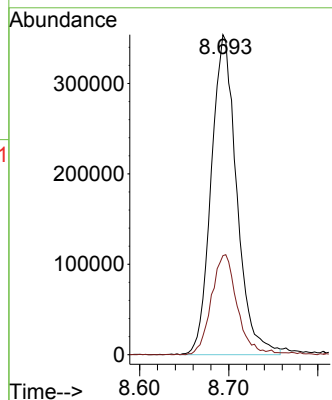
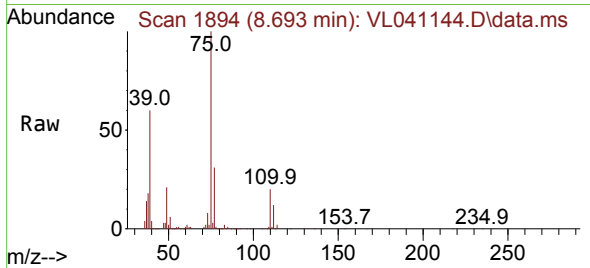




#45
t-1,3-Dichloropropene
Concen: 12.104 ppbv
RT: 8.693 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

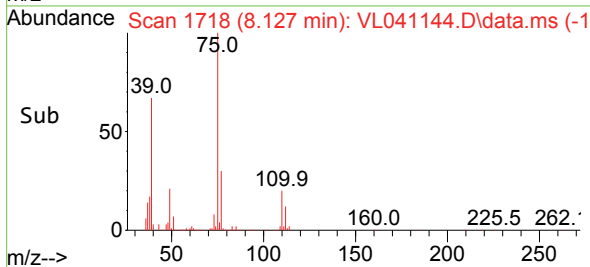
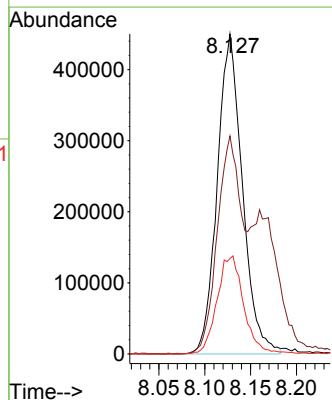
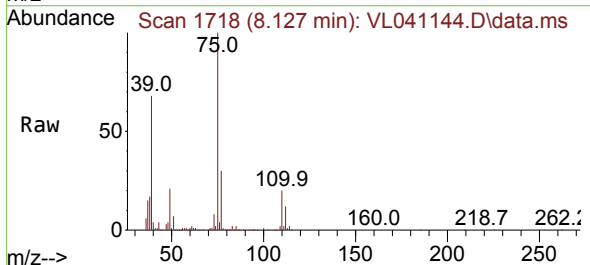
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

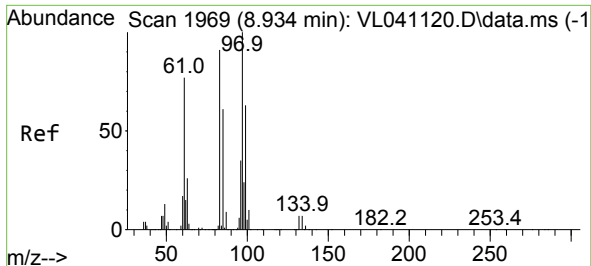
Tgt Ion: 75 Resp: 702664
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 11.420 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 75 Resp: 857724
Ion Ratio Lower Upper
75 100
39 68.0 55.1 82.7
77 29.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.863 ppbv

RT: 8.883 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 1087008

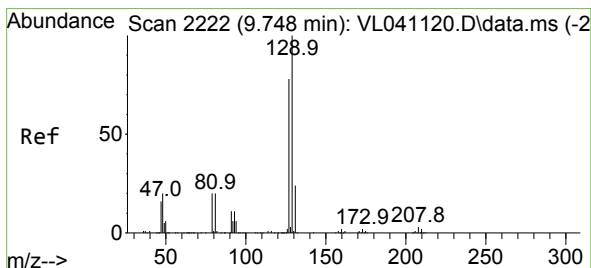
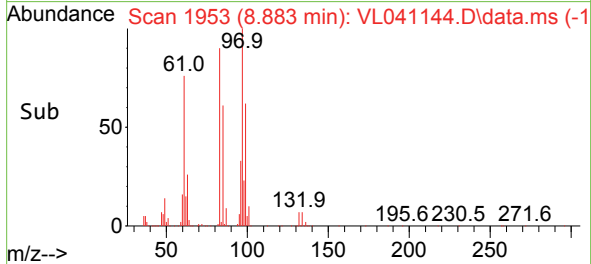
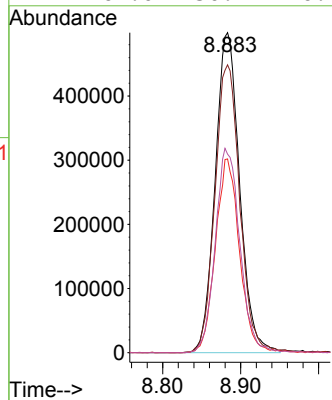
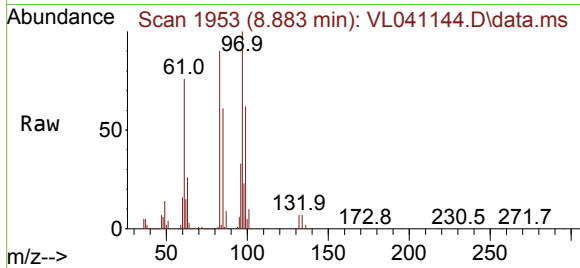
Ion Ratio Lower Upper

97 100

83 89.9 72.9 109.3

85 60.5 49.1 73.7

99 62.0 50.7 76.1



#48

Dibromochloromethane

Concen: 10.855 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.000 min

Lab File: VL041144.D

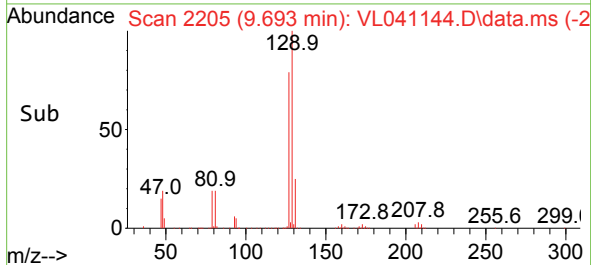
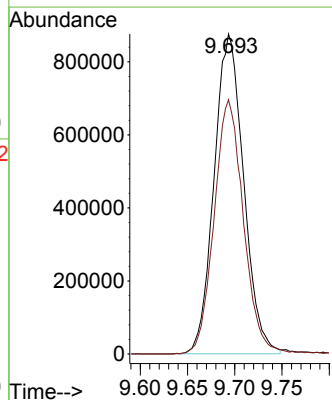
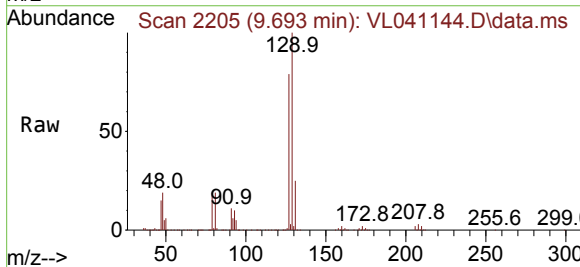
Acq: 8 Apr 2024 10:27

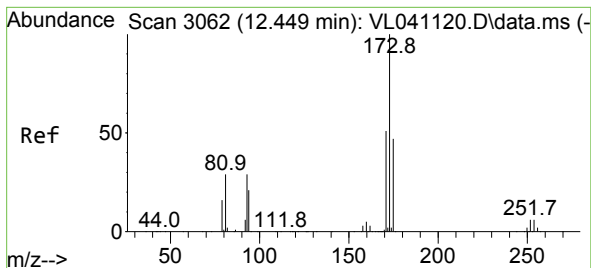
Tgt Ion: 129 Resp: 1899001

Ion Ratio Lower Upper

129 100

127 79.8 39.3 117.9





#49

Bromoform

Concen: 11.057 ppbv

RT: 12.391 min Scan# 3062

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

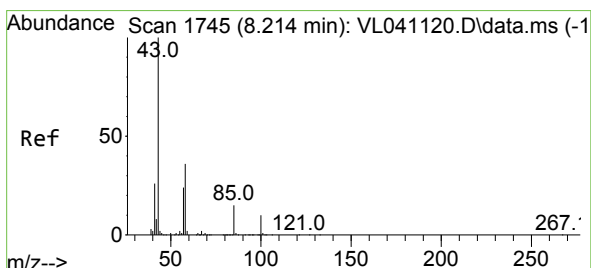
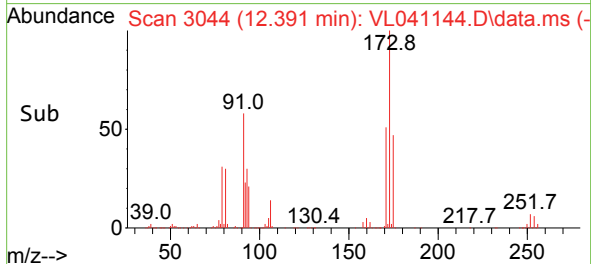
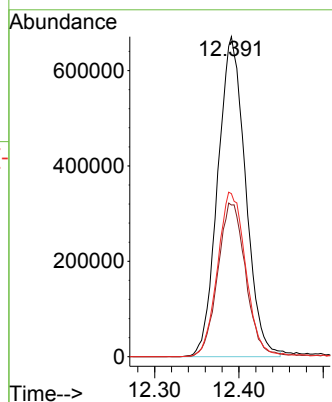
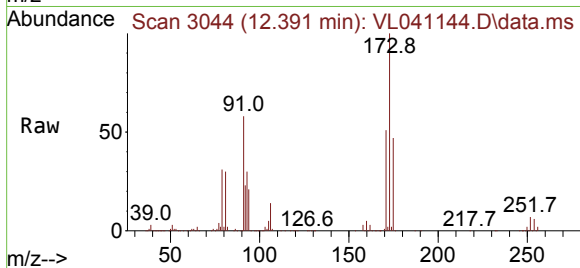
Tgt Ion:173 Resp: 1532425

Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

171 53.2 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 10.261 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VL041144.D

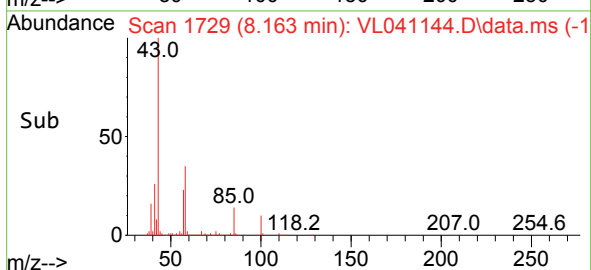
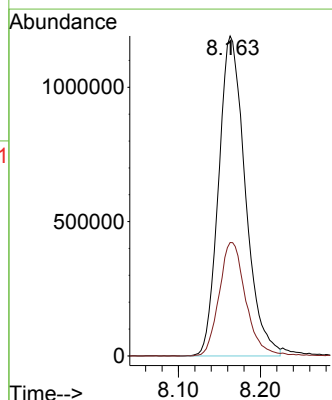
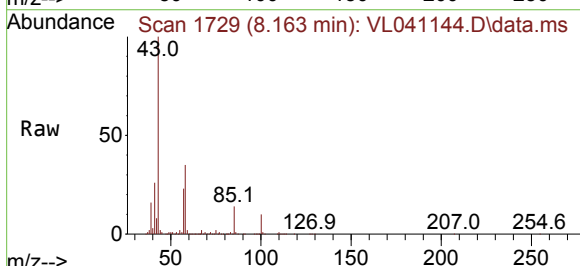
Acq: 8 Apr 2024 10:27

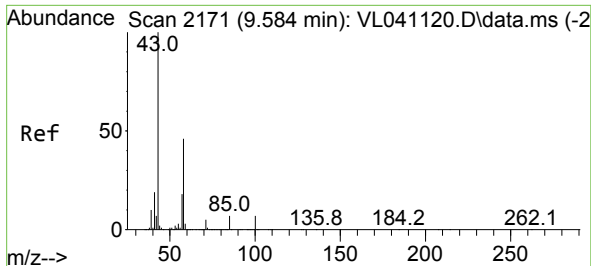
Tgt Ion: 43 Resp: 2690837

Ion Ratio Lower Upper

43 100

58 35.7 27.7 41.5

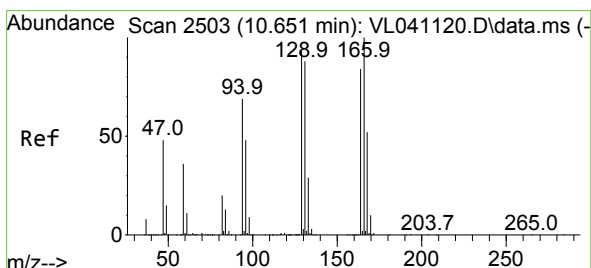
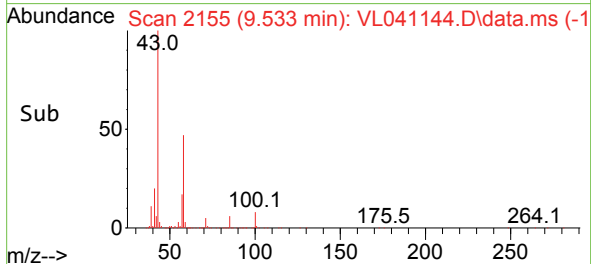
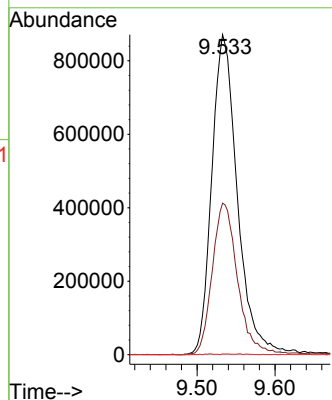
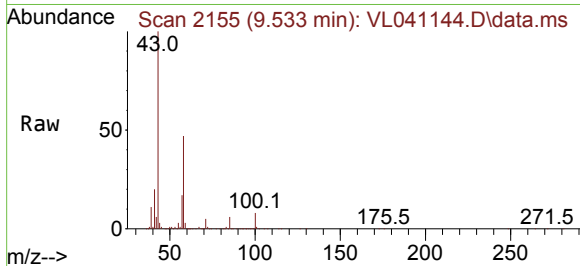




#51
2-Hexanone
Concen: 10.855 ppbv
RT: 9.533 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

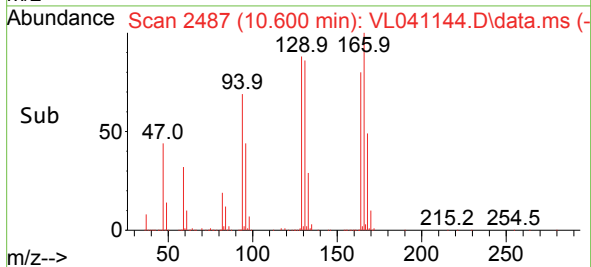
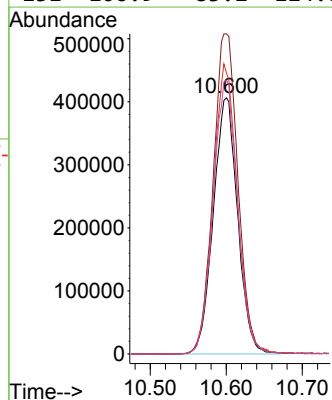
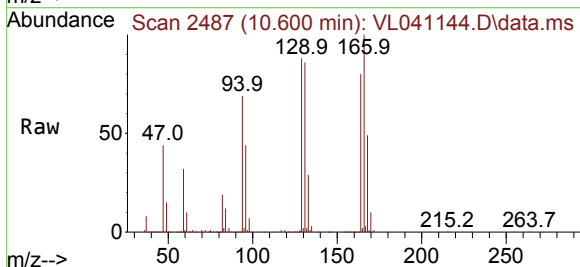
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

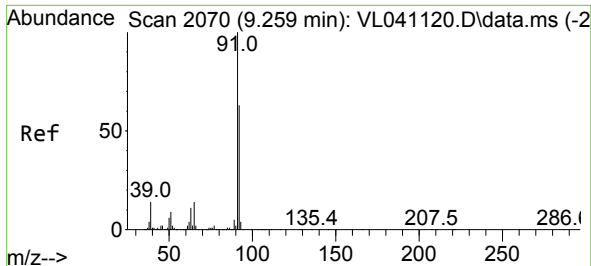
Tgt Ion: 43 Resp: 1973712
Ion Ratio Lower Upper
43 100
58 47.7 37.3 55.9
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.939 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion:164 Resp: 902648
Ion Ratio Lower Upper
164 100
166 124.9 95.0 142.6
129 109.7 88.7 133.1
131 106.9 83.2 124.8

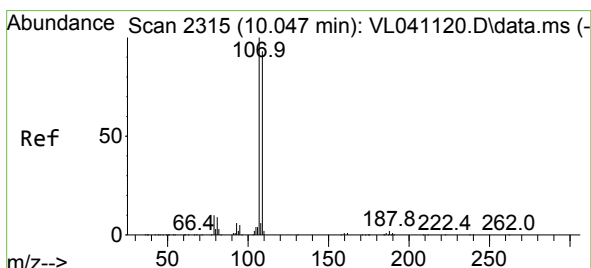
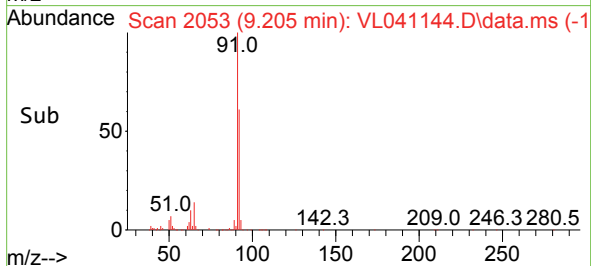
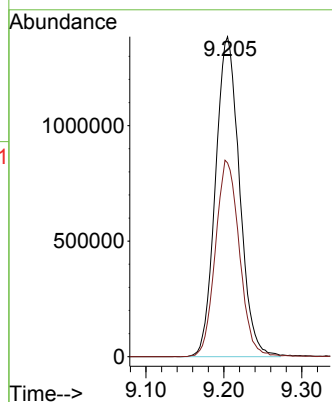
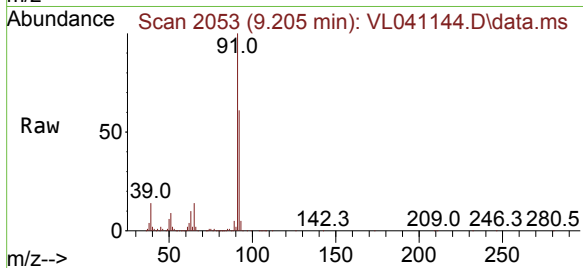




#53
Toluene
Concen: 10.875 ppbv
RT: 9.205 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

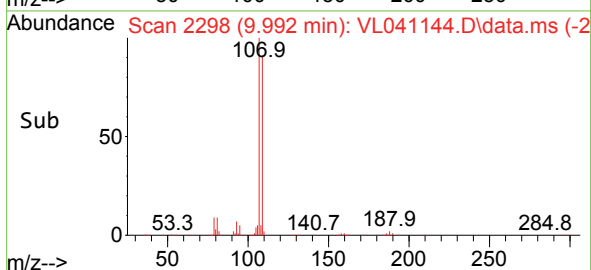
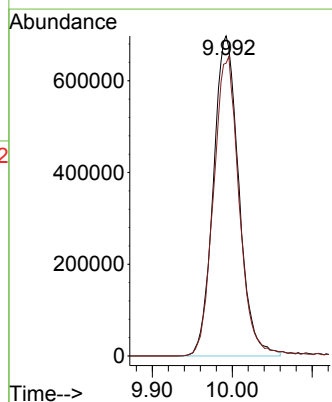
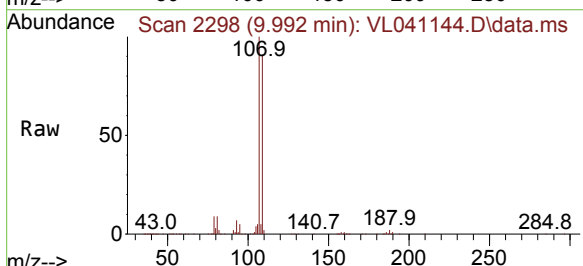
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

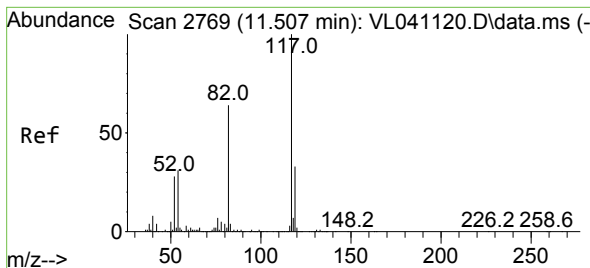
Tgt Ion: 91 Resp: 2961319
Ion Ratio Lower Upper
91 100
92 61.6 49.0 73.4



#54
1,2-Dibromoethane
Concen: 11.187 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 107 Resp: 1537567
Ion Ratio Lower Upper
107 100
109 91.5 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

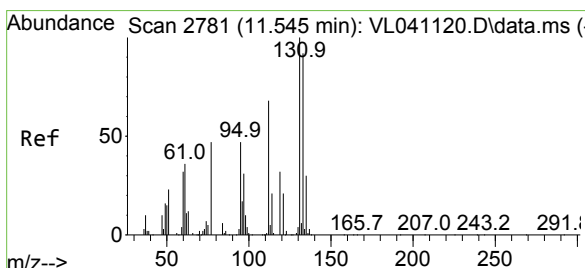
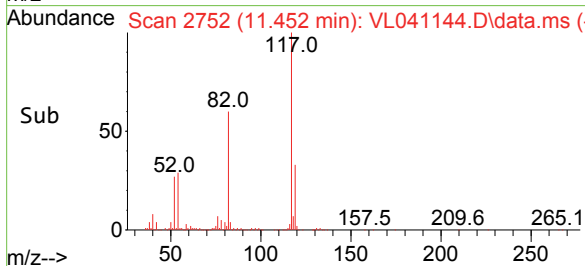
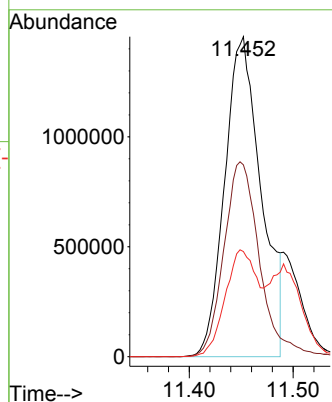
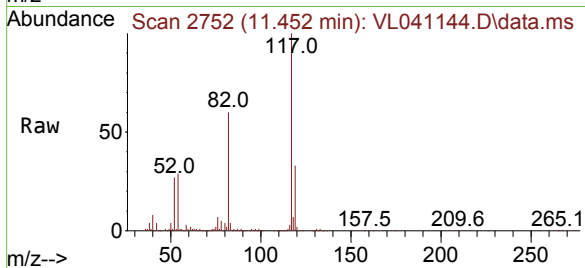
Tgt Ion:117 Resp: 3554339

Ion Ratio Lower Upper

117 100

82 60.3 51.0 76.6

119 30.0 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 9.484 ppbv

RT: 11.491 min Scan# 2764

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

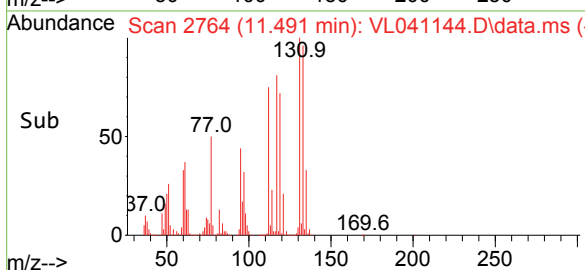
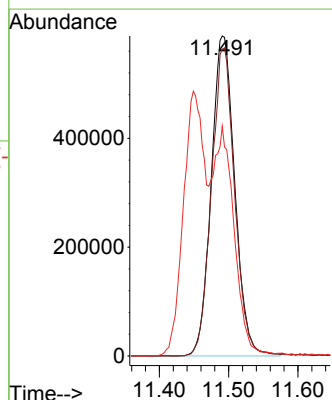
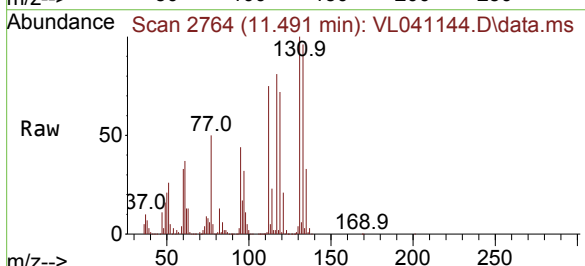
Tgt Ion:131 Resp: 1385353

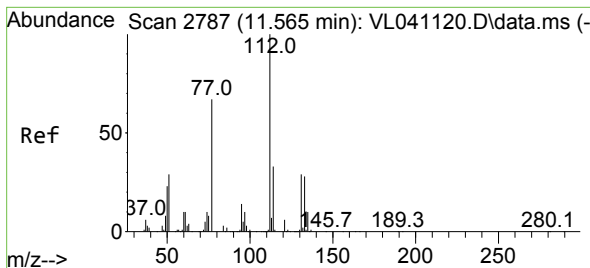
Ion Ratio Lower Upper

131 100

133 95.4 76.6 115.0

119 64.9 49.9 74.9





#57

Chlorobenzene

Concen: 9.598 ppbv

RT: 11.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

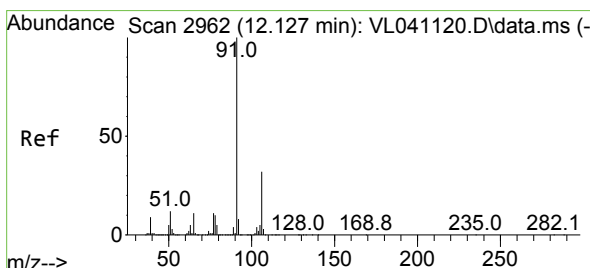
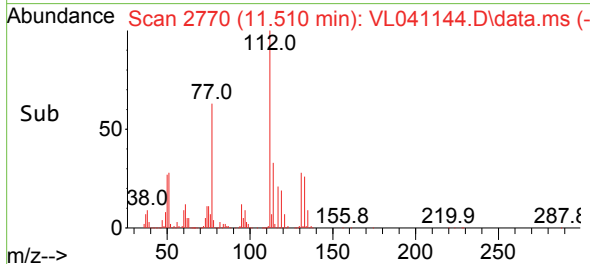
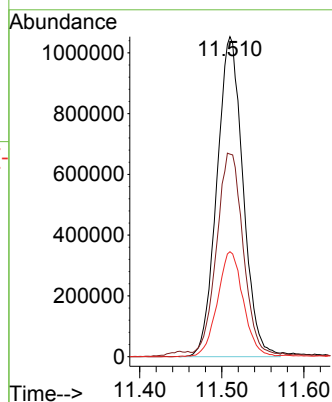
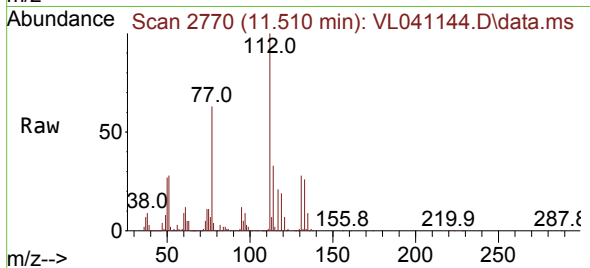
Tgt Ion:112 Resp: 2335364

Ion Ratio Lower Upper

112 100

77 62.4 54.0 81.0

114 32.7 29.3 35.9



#58

Ethyl Benzene

Concen: 10.323 ppbv

RT: 12.073 min Scan# 2945

Delta R.T. 0.000 min

Lab File: VL041144.D

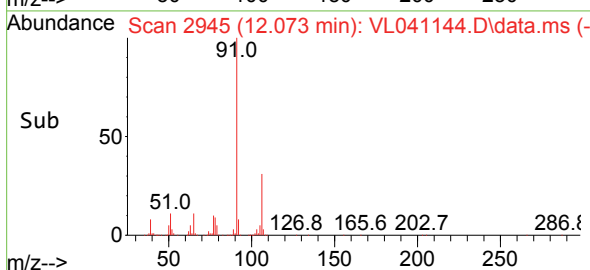
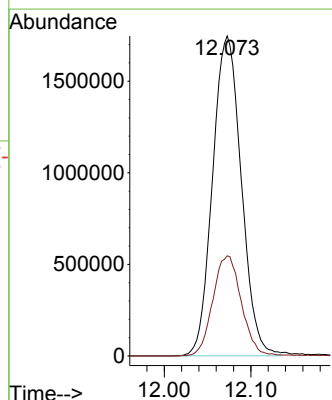
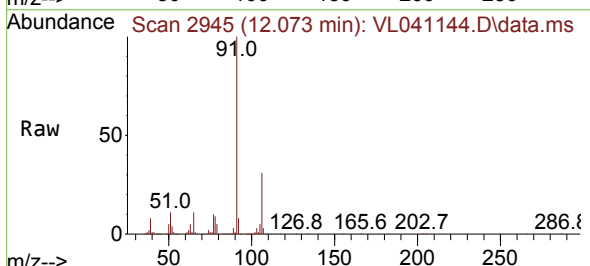
Acq: 8 Apr 2024 10:27

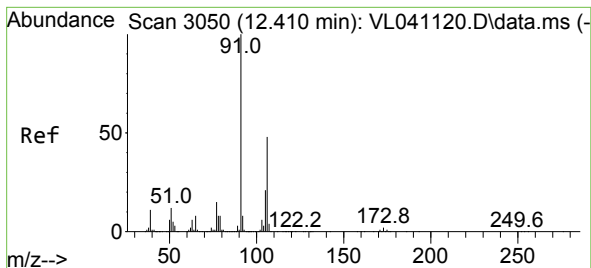
Tgt Ion: 91 Resp: 4017137

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4





#59

m/p-Xylene

Concen: 10.044 ppbv

RT: 12.356 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

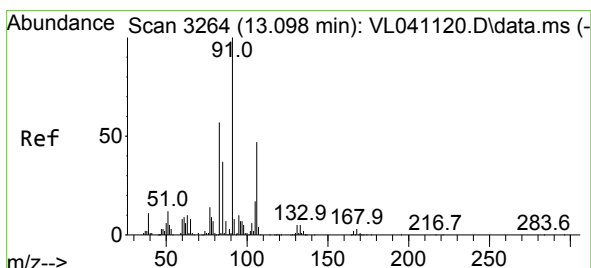
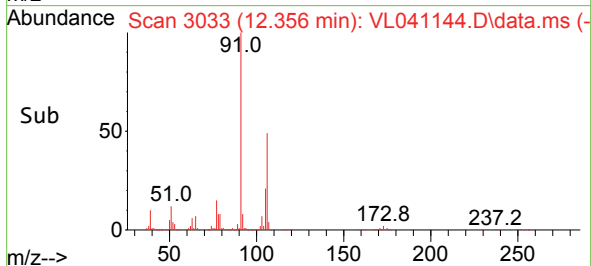
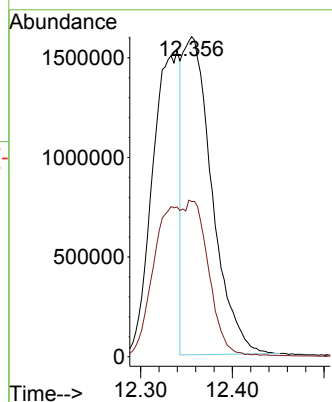
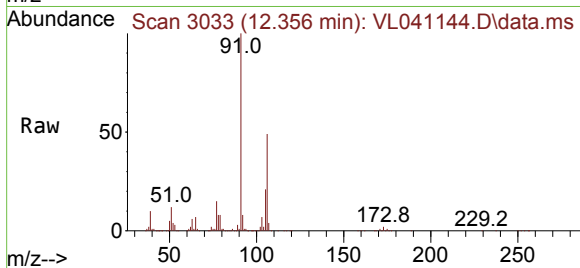
VSTDCCC010

Tgt Ion: 91 Resp: 3529841

Ion Ratio Lower Upper

91 100

106 87.6 35.4 53.2#



#60

o-Xylene

Concen: 9.730 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.000 min

Lab File: VL041144.D

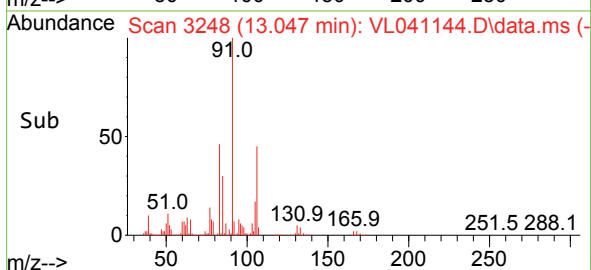
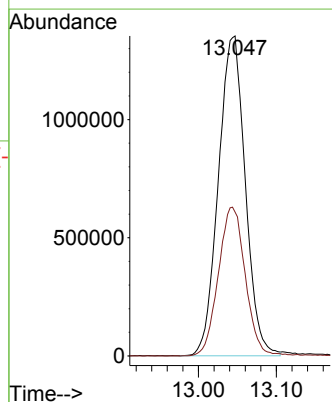
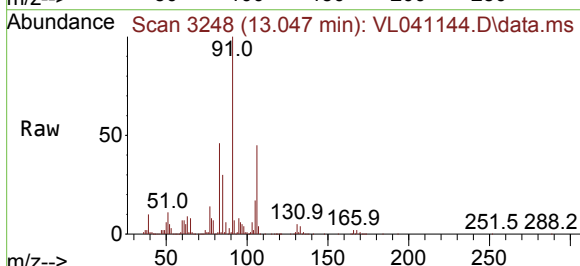
Acq: 8 Apr 2024 10:27

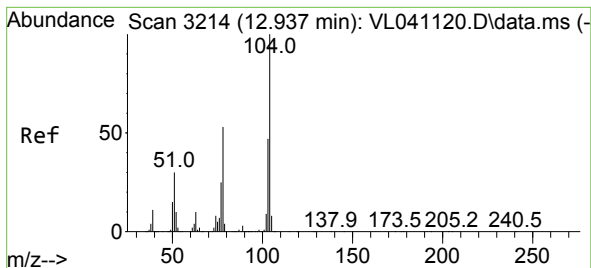
Tgt Ion: 91 Resp: 3239976

Ion Ratio Lower Upper

91 100

106 47.0 22.9 68.5





#61

Styrene

Concen: 11.704 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

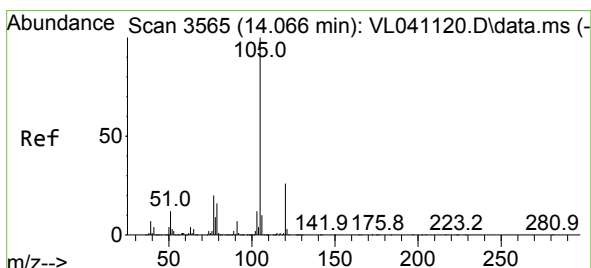
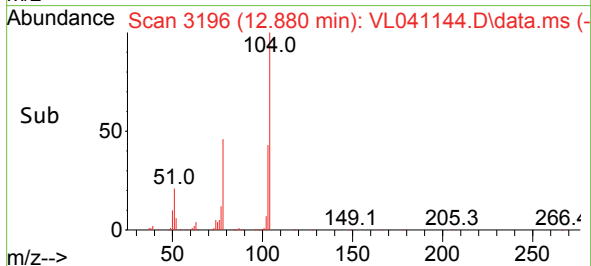
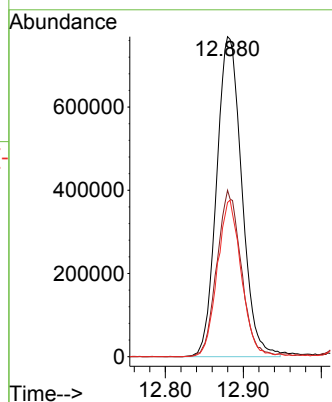
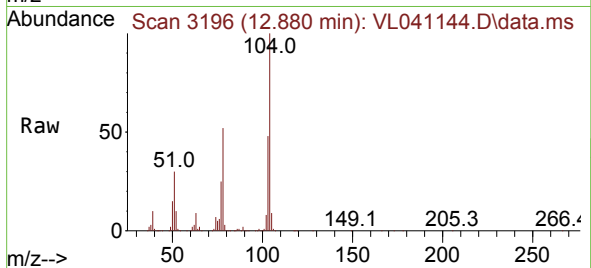
Tgt Ion:104 Resp: 1726890

Ion Ratio Lower Upper

104 100

78 51.1 43.3 64.9

103 47.3 38.2 57.2



#62

Isopropylbenzene

Concen: 9.698 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. 0.000 min

Lab File: VL041144.D

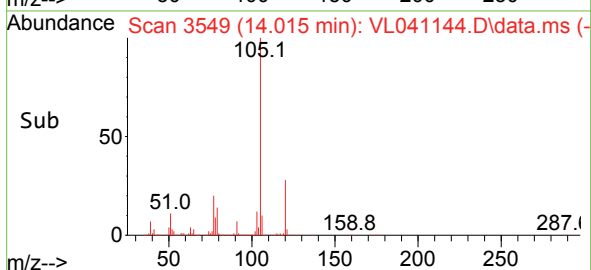
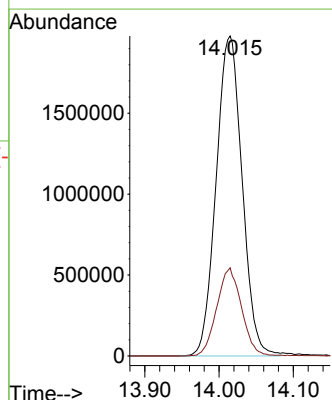
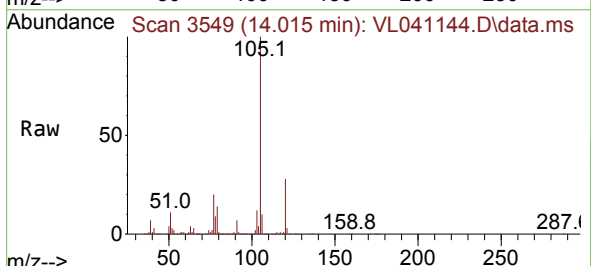
Acq: 8 Apr 2024 10:27

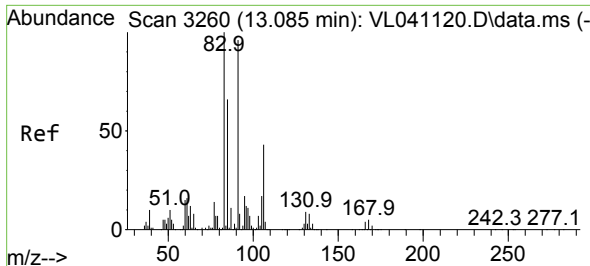
Tgt Ion:105 Resp: 4807550

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.4

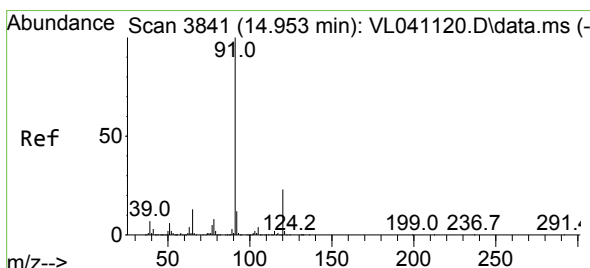
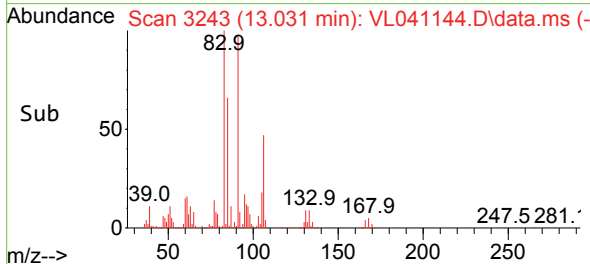
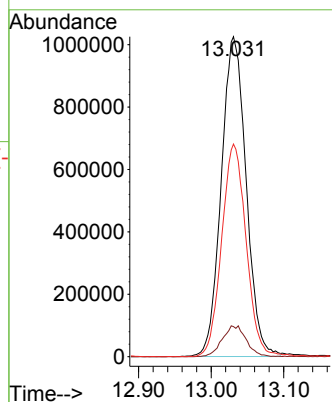
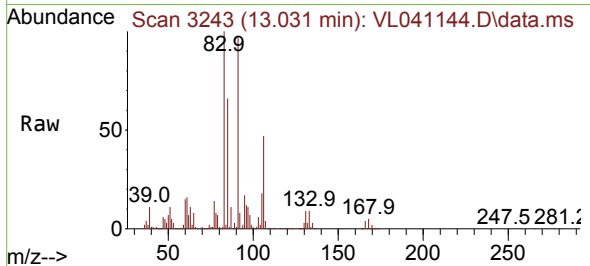




#63
1,1,2,2-Tetrachloroethane
Concen: 9.336 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

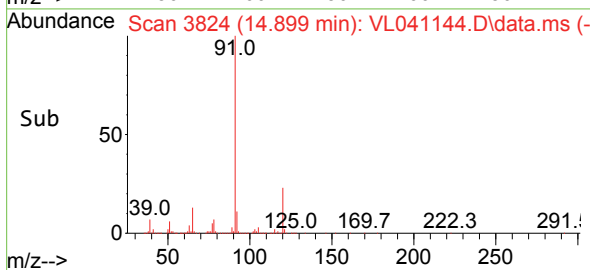
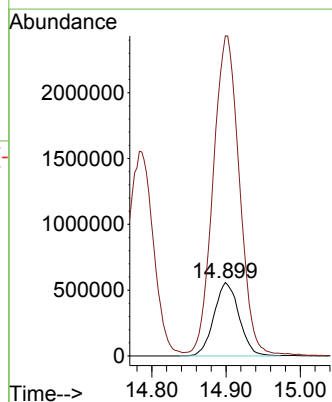
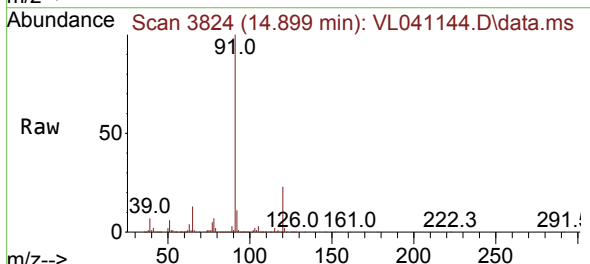
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

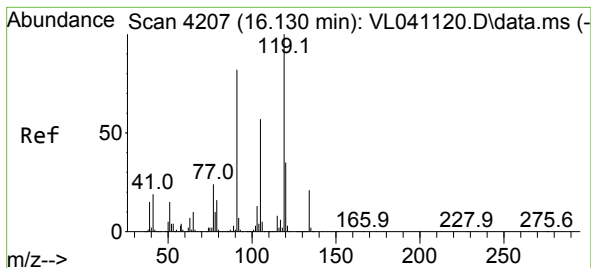
Tgt Ion: 83 Resp: 2442484
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.0
85 66.1 33.1 99.2



#64
n-propylbenzene
Concen: 10.531 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 120 Resp: 1310118
Ion Ratio Lower Upper
120 100
91 460.2 395.0 592.6





#65

tert-Butylbenzene

Concen: 9.917 ppbv

RT: 16.076 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

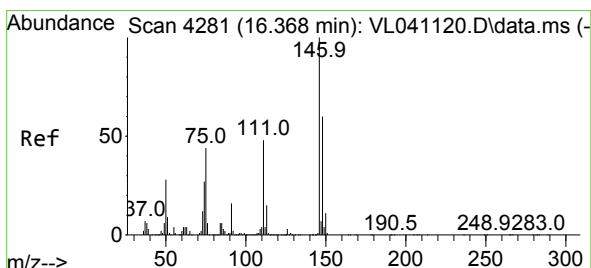
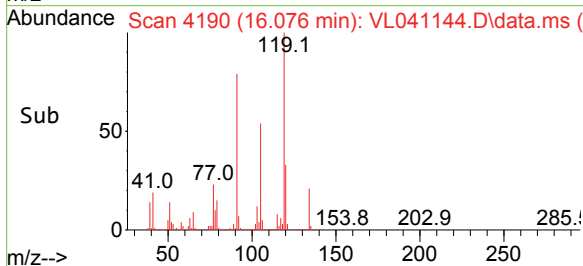
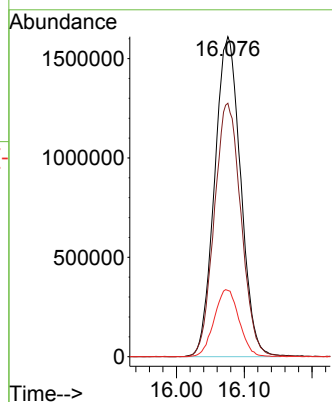
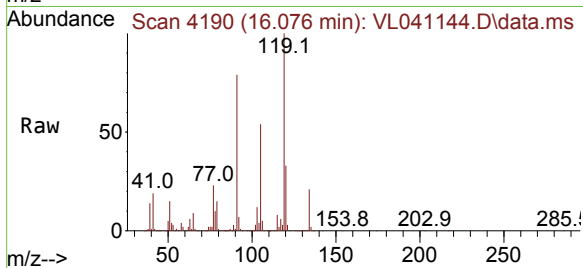
Tgt Ion:119 Resp: 4291883

Ion Ratio Lower Upper

119 100

91 81.7 67.8 101.8

134 20.1 16.0 24.0



#66

Benzyl Chloride

Concen: 10.451 ppbv

RT: 16.310 min Scan# 4263

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

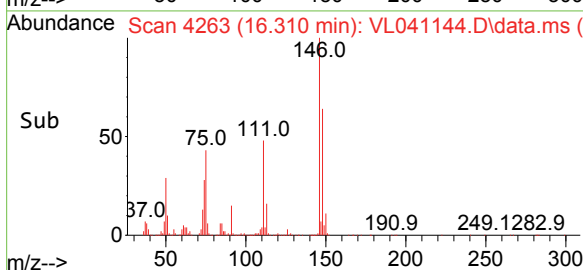
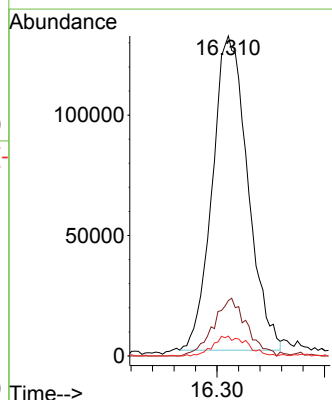
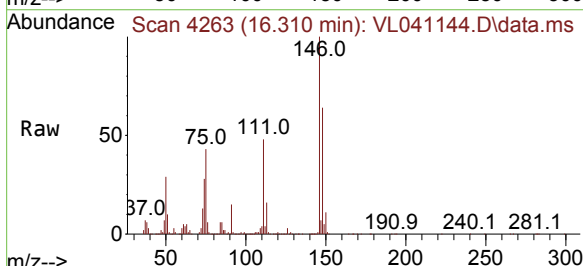
Tgt Ion: 91 Resp: 297576

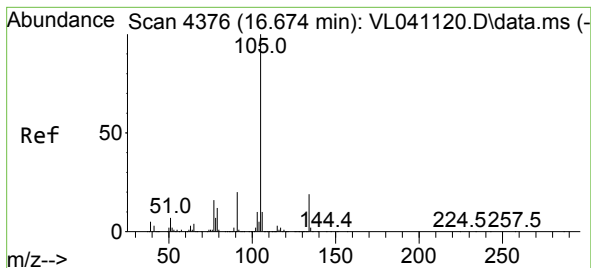
Ion Ratio Lower Upper

91 100

126 18.0 13.4 20.2

128 6.4 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.699 ppbv

RT: 16.619 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

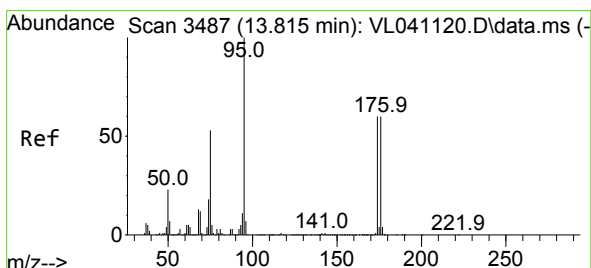
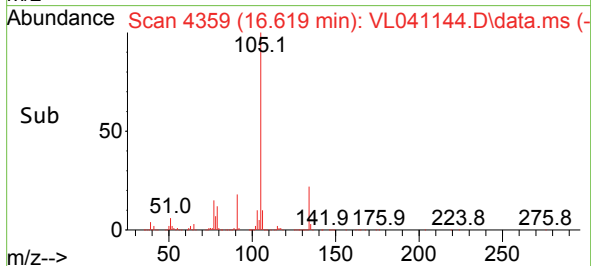
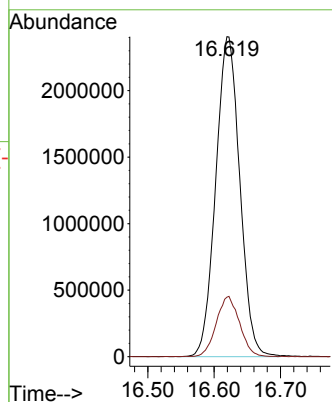
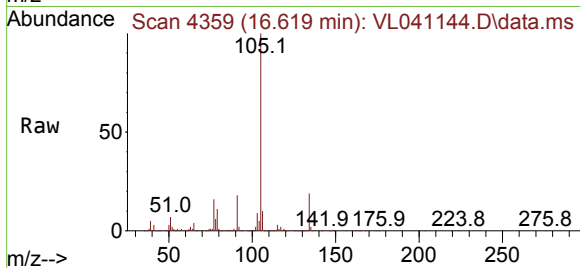
VSTDCCC010

Tgt Ion:105 Resp: 6064670

Ion Ratio Lower Upper

105 100

134 18.3 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.352 ppbv

RT: 13.761 min Scan# 3470

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

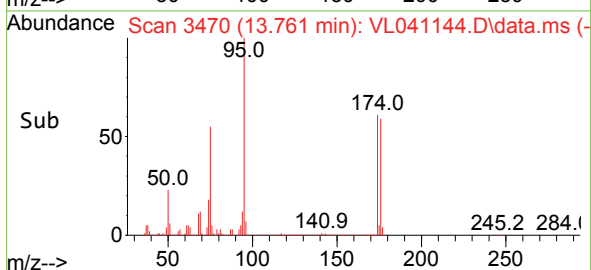
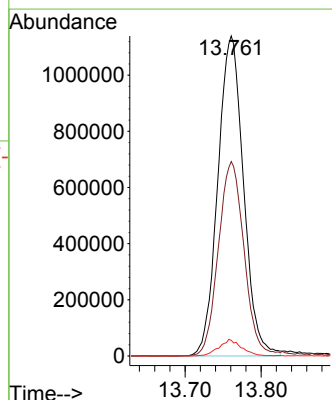
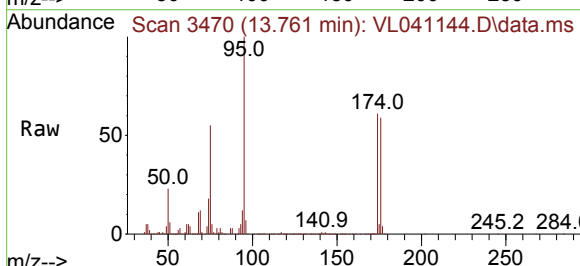
Tgt Ion: 95 Resp: 2672871

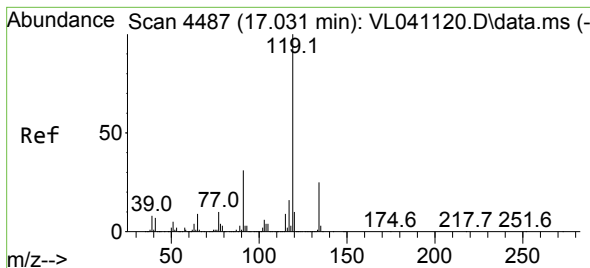
Ion Ratio Lower Upper

95 100

174 61.9 49.3 73.9

175 4.6 3.6 5.4





#69

p-Isopropyltoluene

Concen: 10.206 ppbv

RT: 16.979 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

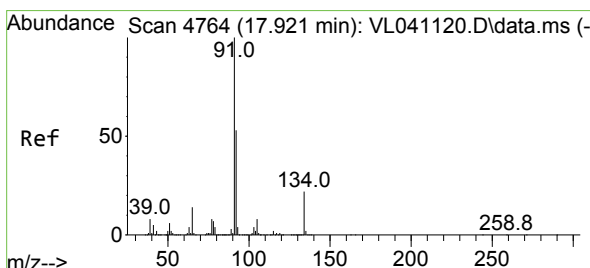
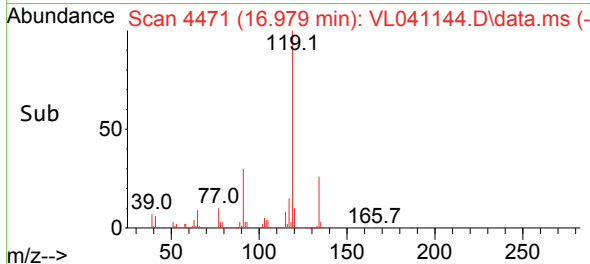
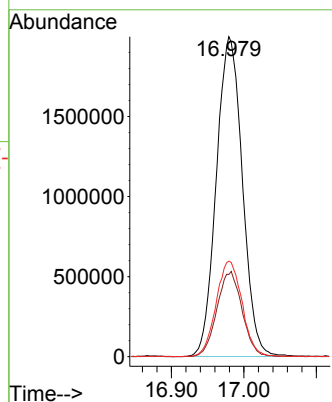
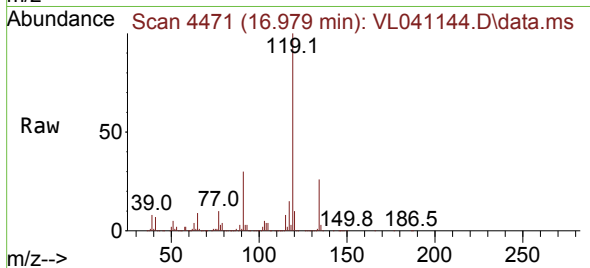
Tgt Ion:119 Resp: 4976697

Ion Ratio Lower Upper

119 100

134 25.9 20.5 30.7

91 29.8 24.8 37.2



#70

n-Butylbenzene

Concen: 9.977 ppbv

RT: 17.870 min Scan# 4748

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

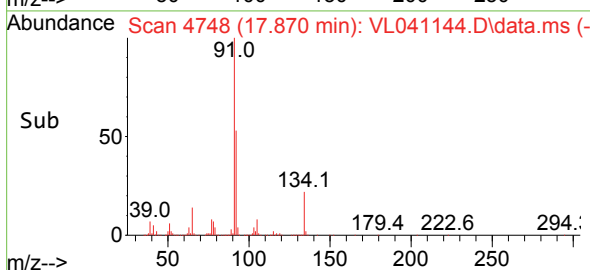
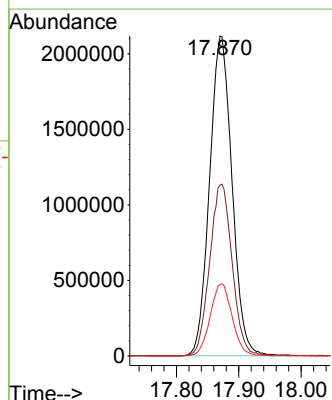
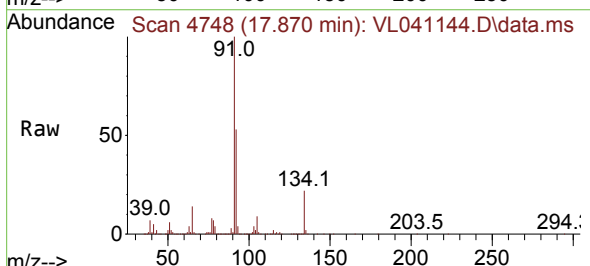
Tgt Ion: 91 Resp: 5284616

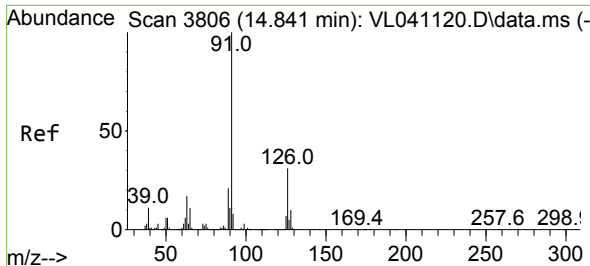
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.0

134 22.3 17.1 25.7

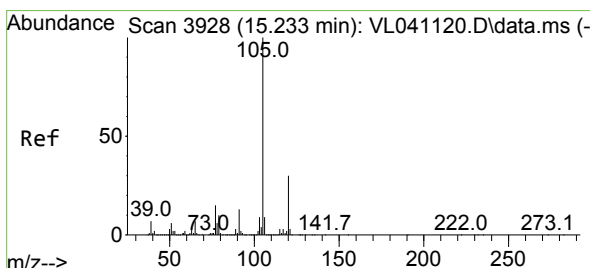
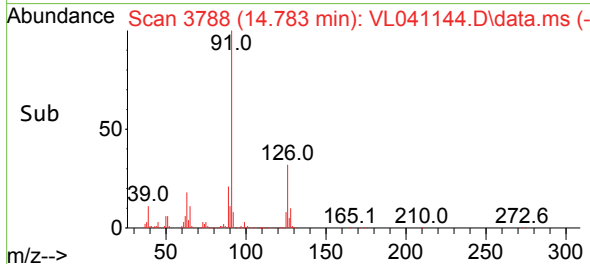
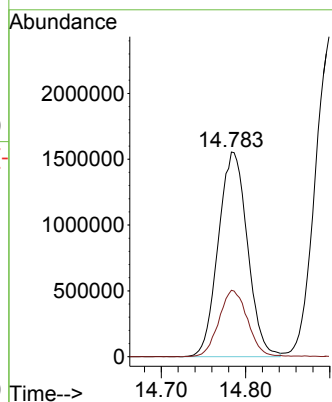
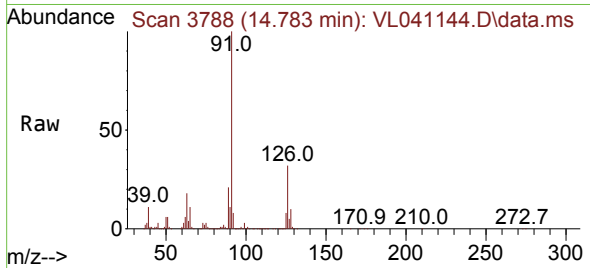




#71
2-Chlorotoluene
Concen: 9.812 ppbv
RT: 14.783 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

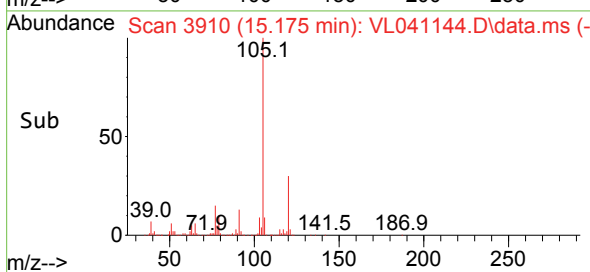
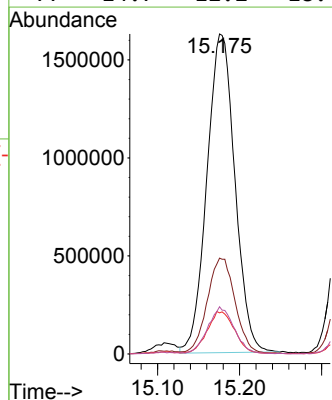
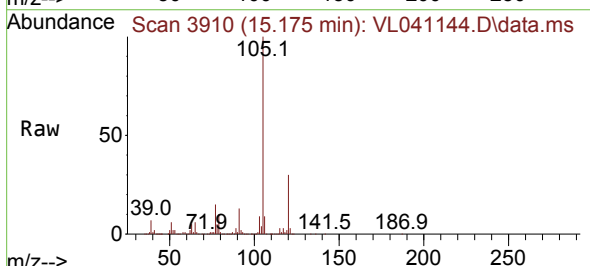
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

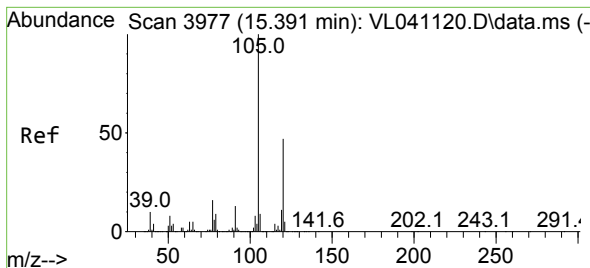
Tgt Ion: 91 Resp: 3730882
Ion Ratio Lower Upper
91 100
126 32.2 12.5 50.1



#72
4-Ethyltoluene
Concen: 10.349 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion: 105 Resp: 3848886
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 13.0 11.2 16.8
77 14.7 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.121 ppbv

RT: 15.333 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

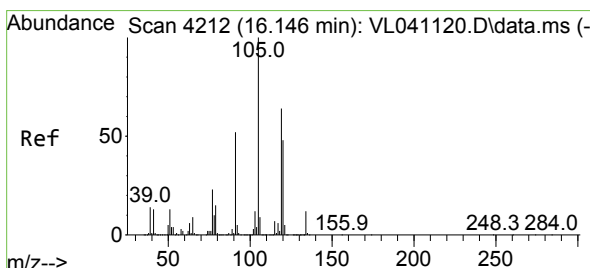
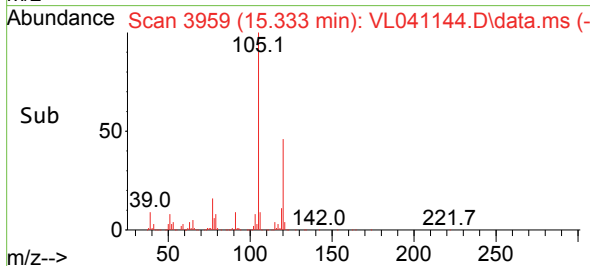
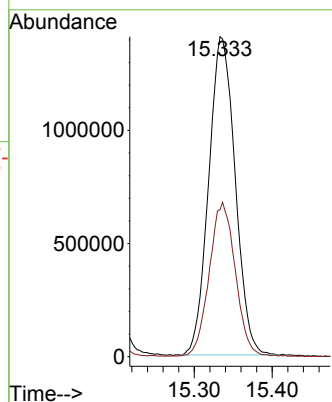
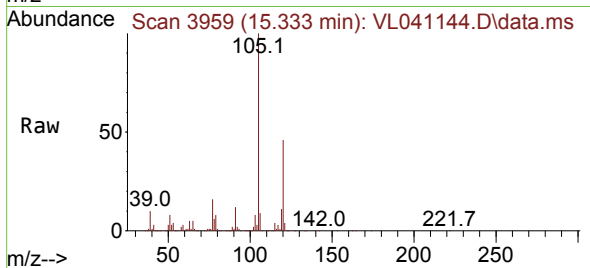
VSTDCCC010

Tgt Ion:105 Resp: 3319741

Ion Ratio Lower Upper

105 100

120 45.9 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 9.760 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Tgt Ion:105 Resp: 3663927

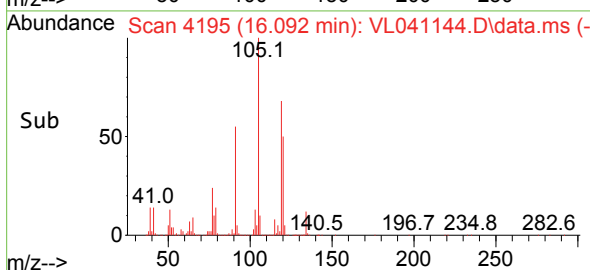
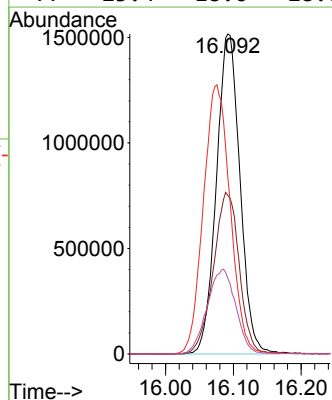
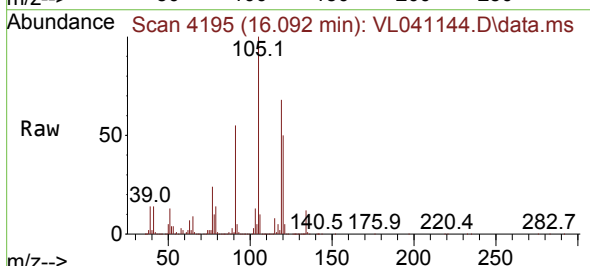
Ion Ratio Lower Upper

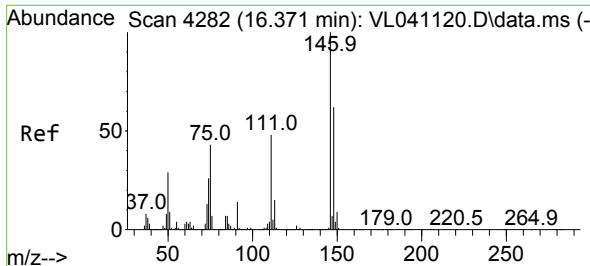
105 100

120 49.5 38.9 58.3

91 54.8 43.0 64.6

77 23.4 18.6 28.0

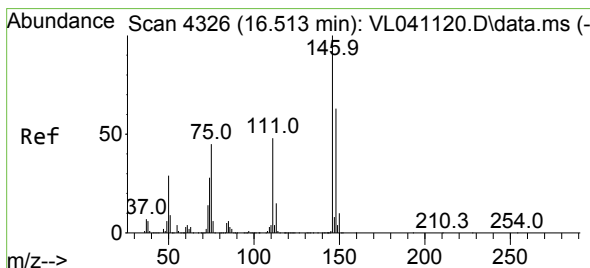
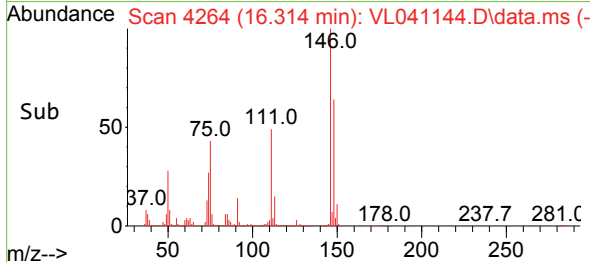
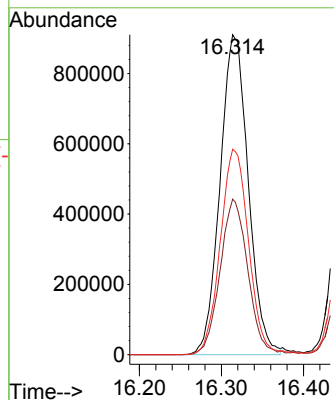
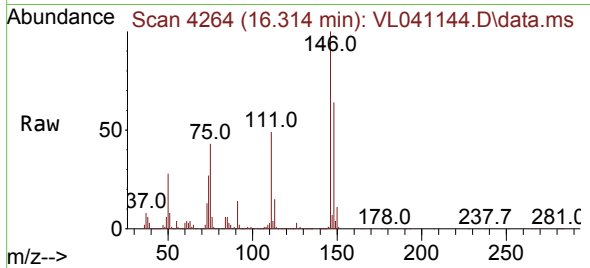




#75
1,3-Dichlorobenzene
Concen: 9.922 ppbv
RT: 16.314 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

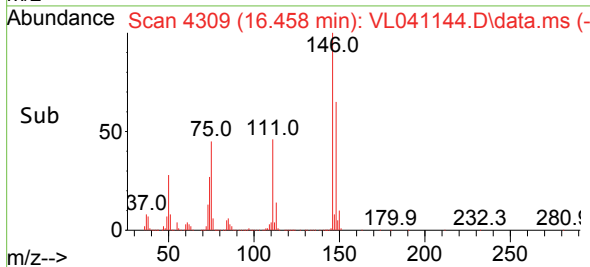
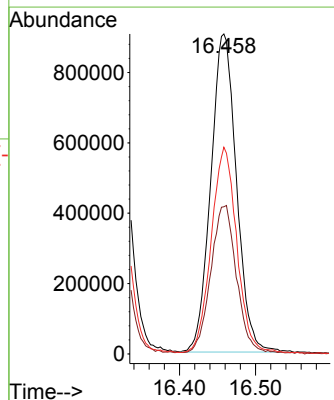
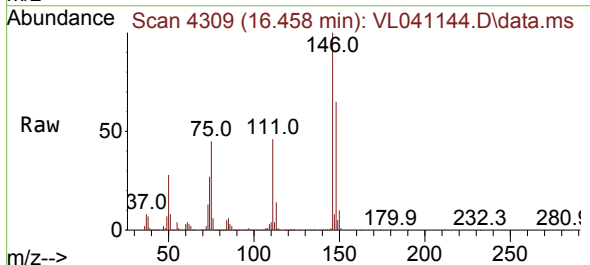
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

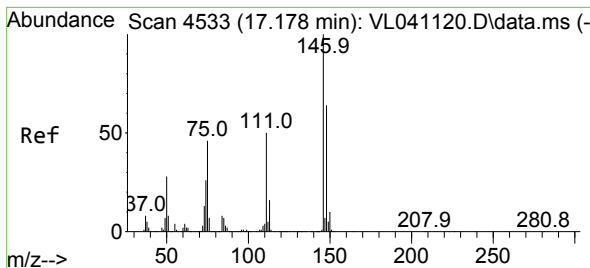
Tgt Ion:146 Resp: 2174671
Ion Ratio Lower Upper
146 100
111 48.1 24.1 72.4
148 64.7 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 9.940 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL041144.D
Acq: 8 Apr 2024 10:27

Tgt Ion:146 Resp: 2119093
Ion Ratio Lower Upper
146 100
111 47.6 24.1 72.3
148 65.7 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 9.883 ppbv

RT: 17.127 min Scan# 4517

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

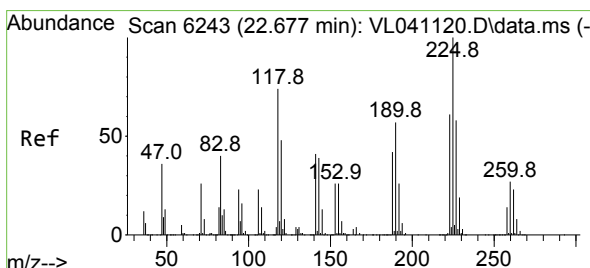
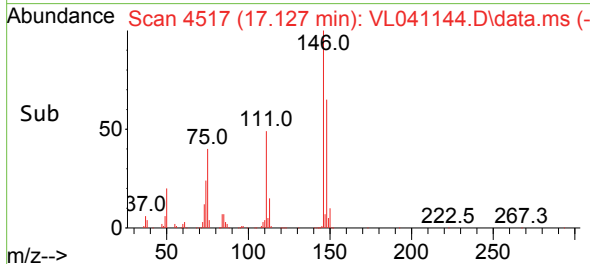
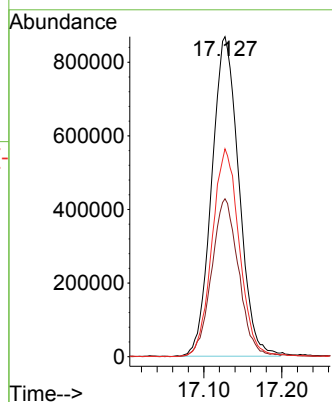
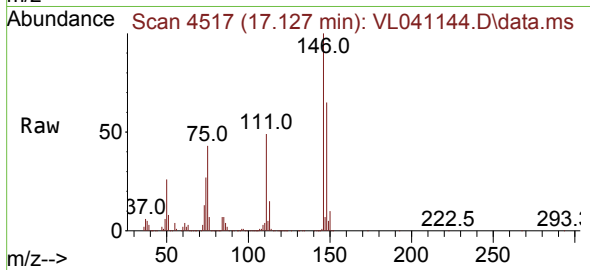
Tgt Ion:146 Resp: 2103402

Ion Ratio Lower Upper

146 100

111 49.7 25.1 75.3

148 65.4 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 9.246 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

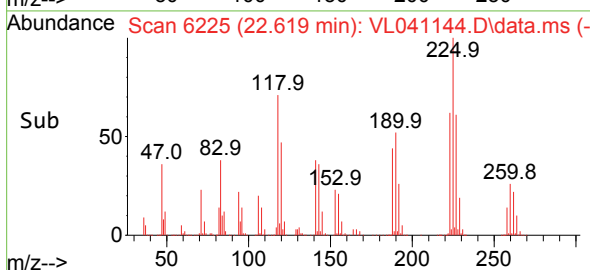
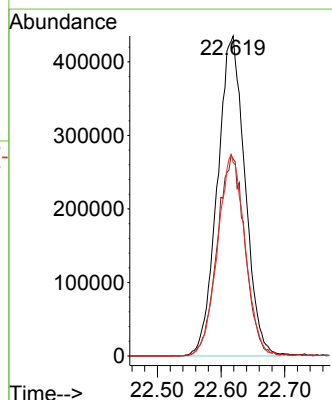
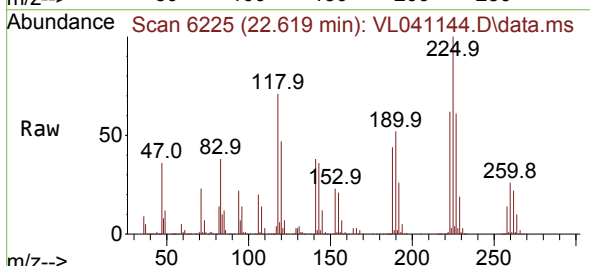
Tgt Ion:225 Resp: 1308253

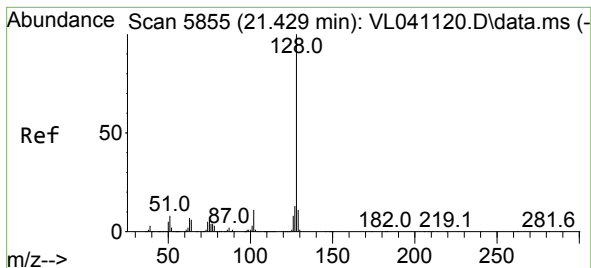
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 62.8 51.3 76.9





#79

Naphthalene

Concen: 13.139 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

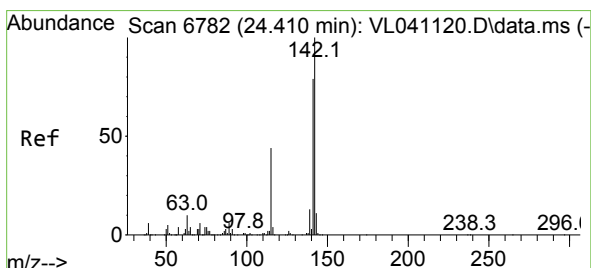
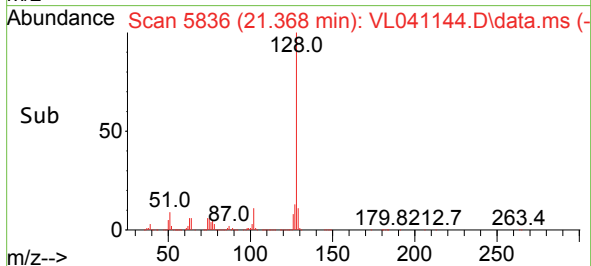
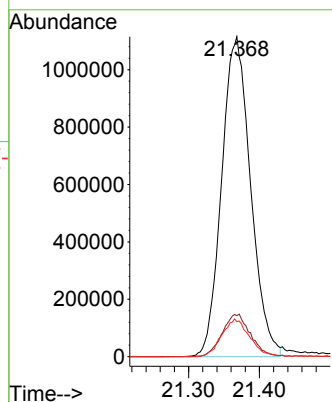
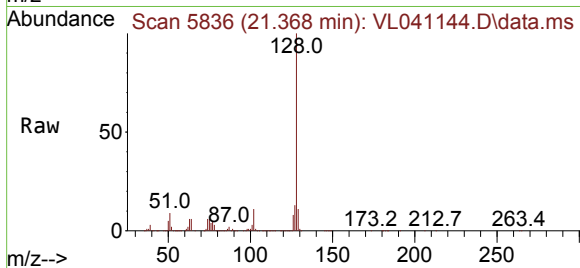
Tgt Ion:128 Resp: 3164191

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.0 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 14.666 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.000 min

Lab File: VL041144.D

Acq: 8 Apr 2024 10:27

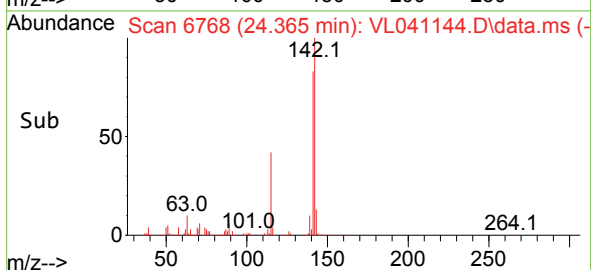
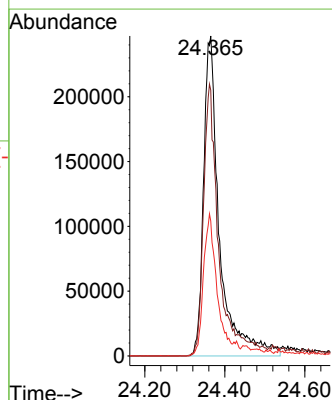
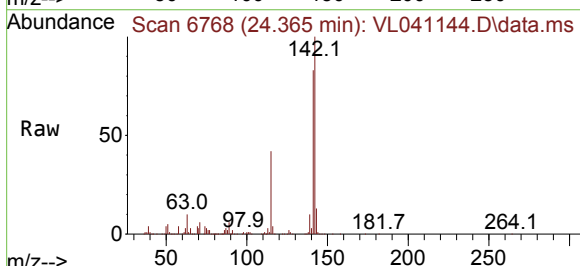
Tgt Ion:142 Resp: 688031

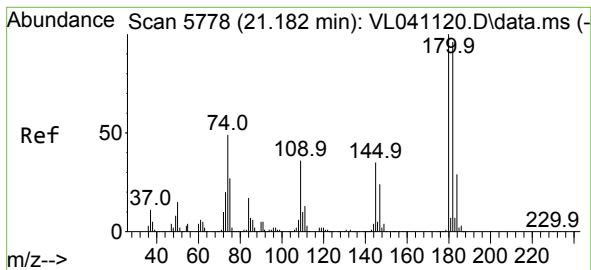
Ion Ratio Lower Upper

142 100

141 81.4 64.4 96.6

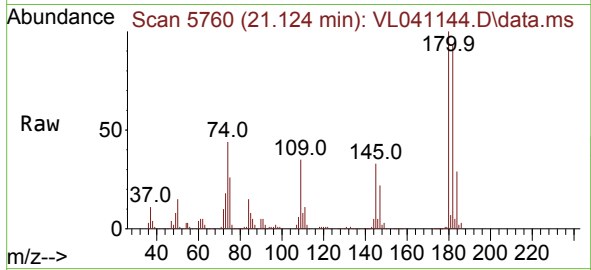
115 44.1 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.527 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041144.D
 Acq: 8 Apr 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1556296

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.2
184	29.8	24.9	37.3

