

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041127.D
 Acq On : 4 Apr 2024 14:19
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424

Quant Time: Apr 05 04:53:15 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 : Fri Apr 05 04:49:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1498028	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	3954963	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.504	117	4576558	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.812	95	2996152	8.141	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	2333067	9.105	ppbv	98
3) Chlorodifluoromethane	2.681	51	2100613	9.104	ppbv	99
4) Chloromethane	2.819	50	805807	9.229	ppbv	96
5) Vinyl Chloride	2.928	62	845082	10.019	ppbv	99
6) Bromomethane	3.128	94	263492	8.299	ppbv	92
7) Chloroethane	3.205	64	290333	9.379	ppbv	99
8) Dichlorotetrafluoroethane	2.864	85	2058829	9.419	ppbv	99
9) Propene	2.700	41	704910	9.604	ppbv	97
10) Heptane	7.607	43	1783955	10.237	ppbv	100
11) Trichlorofluoromethane	3.575	101	2115695	9.105	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	1545174	9.187	ppbv	98
13) Ethanol	3.250	45	153988	8.820	ppbv	99
14) Bromoethene	3.375	108	649546	9.805	ppbv	99
15) Acetone	3.478	43	1555692	9.591	ppbv	99
16) 1,3-Butadiene	2.993	39	785842	9.869	ppbv	98
17) tert-Butyl alcohol	3.893	59	1545561	10.521	ppbv	100
18) 1,1-Dichloroethene	3.893	96	702506	9.784	ppbv	97
19) Isopropyl Alcohol	3.587	45	1047790	10.633	ppbv #	94
20) Methylene Chloride	3.948	84	572512	8.558	ppbv	97
21) Allyl Chloride	4.012	41	968528	9.800	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	732356	9.729	ppbv	97
23) Vinyl Acetate	4.645	43	1779303	10.738	ppbv	98
24) 1,1-Dichloroethane	4.581	63	1443807	9.576	ppbv	99
25) Ethyl Acetate	5.224	43	2974882	9.766	ppbv	99
26) Hexane	5.234	57	1308751	9.575	ppbv	99
27) Carbon Disulfide	4.140	76	1757828	10.496	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	1048983	10.170	ppbv	99
29) Chloroform	5.295	83	2179390	9.458	ppbv	99
30) Cyclohexane	6.629	84	1142933	10.265	ppbv	97
31) cis-1,2-Dichloroethene	5.099	61	1284146	9.926	ppbv	99
32) 1,1,1-Trichloroethane	6.028	97	2199032	10.324	ppbv	99
34) 2-Butanone	4.806	43	1614595	9.647	ppbv	99
35) Carbon Tetrachloride	6.520	117	2304212	10.233	ppbv	98
36) Benzene	6.394	78	2849115	9.810	ppbv	99
37) 1,2-Dichloroethane	5.832	62	1652436	9.476	ppbv	99
38) Trichloroethene	7.320	130	1089698	10.385	ppbv	96
39) 1,2-Dichloropropane	7.099	63	1097866	9.587	ppbv	99
40) 1,4-Dioxane	7.314	88	424610	10.639	ppbv	78
41) Tetrahydrofuran	5.581	42	1184174	10.627	ppbv	100
42) Bromodichloromethane	7.279	83	2450442	9.836	ppbv	98
43) Methyl Methacrylate	7.504	69	1184381	10.706	ppbv	99
44) 2,2,4-Trimethylpentane	7.353	57	4635170	9.640	ppbv	99
45) t-1,3-Dichloropropene	8.742	75	638294	9.791	ppbv	94

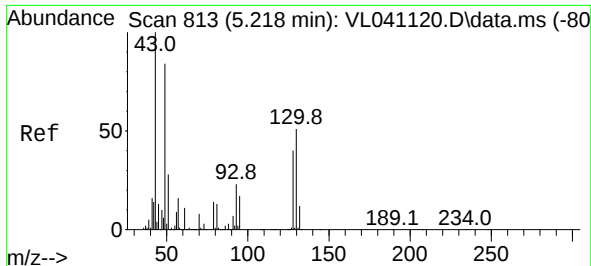
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
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Quant Time: Apr 05 04:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 05 04:49:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	835217	9.902	ppbv	99
47) 1,1,2-Trichloroethane	8.931	97	1186314	9.585	ppbv	98
48) Dibromochloromethane	9.745	129	2068017	10.526	ppbv	100
49) Bromoform	12.446	173	1664331	10.693	ppbv	99
50) 4-Methyl-2-Pentanone	8.208	43	2972908	10.094	ppbv	99
51) 2-Hexanone	9.584	43	2149133	10.525	ppbv #	97
52) Tetrachloroethene	10.651	164	948088	10.231	ppbv	97
53) Toluene	9.253	91	3204511	10.479	ppbv	100
54) 1,2-Dibromoethane	10.044	107	1573903	10.196	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.542	131	1493527	7.941	ppbv	99
57) Chlorobenzene	11.561	112	2474800	7.900	ppbv	99
58) Ethyl Benzene	12.124	91	4314381	8.611	ppbv	97
59) m/p-Xylene	12.407	91	3609650	7.977	ppbv #	28
60) o-Xylene	13.098	91	3541722	8.260	ppbv	99
61) Styrene	12.934	104	1813453	9.545	ppbv	99
62) Isopropylbenzene	14.066	105	5132755	8.041	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.085	83	2672773	7.934	ppbv	100
64) n-propylbenzene	14.954	120	1350130	8.428	ppbv	96
65) tert-Butylbenzene	16.127	119	4609910	8.273	ppbv	99
66) Benzyl Chloride	16.368	91	211216	5.761	ppbv	98
67) sec-Butylbenzene	16.674	105	6509926	8.086	ppbv	99
69) p-Isopropyltoluene	17.034	119	5320064	8.474	ppbv	100
70) n-Butylbenzene	17.924	91	5807986	8.516	ppbv	100
71) 2-Chlorotoluene	14.838	91	4058938	8.291	ppbv	99
72) 4-Ethyltoluene	15.230	105	4135420	8.635	ppbv	99
73) 1,3,5-Trimethylbenzene	15.388	105	3590859	8.502	ppbv	98
74) 1,2,4-Trimethylbenzene	16.146	105	3967901	8.209	ppbv	98
75) 1,3-Dichlorobenzene	16.368	146	2313113	8.196	ppbv	99
76) 1,4-Dichlorobenzene	16.513	146	2279139	8.303	ppbv	98
77) 1,2-Dichlorobenzene	17.179	146	2283004	8.331	ppbv	99
78) Hexachloro-1,3-Butadiene	22.677	225	1444164	7.927	ppbv	99
79) Naphthalene	21.429	128	3535036	11.400	ppbv	98
80) Naphthalene,2-methyl-	24.410	142	766495	12.689	ppbv	92
81) 1,2,4-Trichlorobenzene	21.182	180	1699894	9.779	ppbv	99

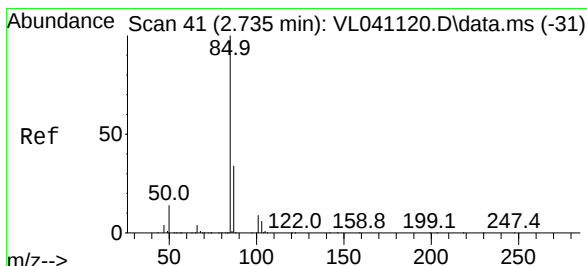
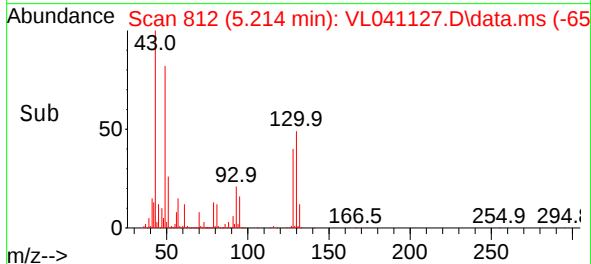
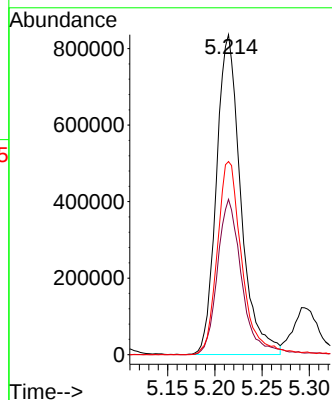
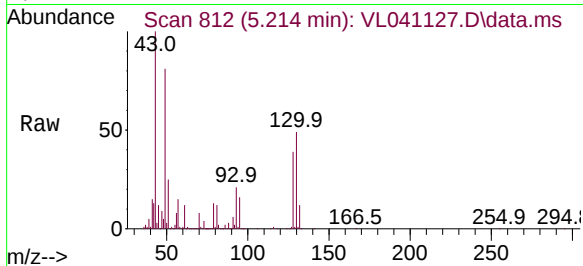
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

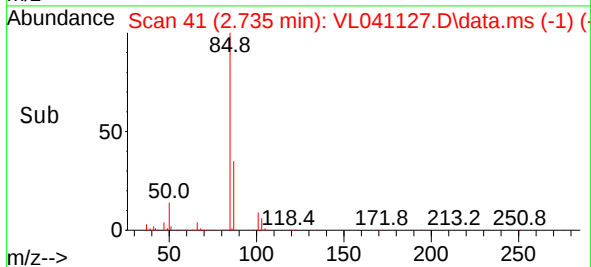
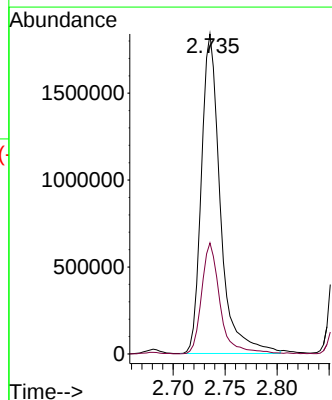
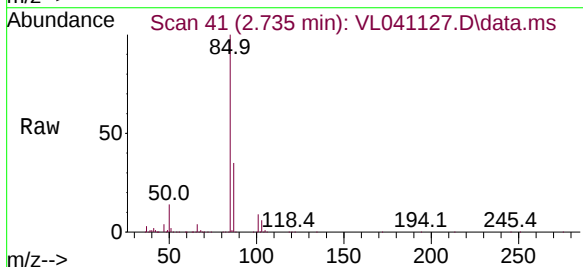
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424

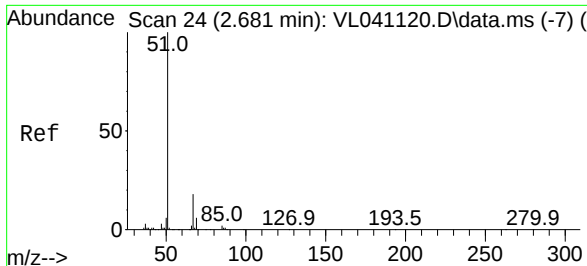
Tgt Ion: 49 Resp: 1498028
 Ion Ratio Lower Upper
 49 100
 128 49.2 23.6 71.0
 130 61.8 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 9.105 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

Tgt Ion: 85 Resp: 2333067
 Ion Ratio Lower Upper
 85 100
 87 34.7 27.0 40.6

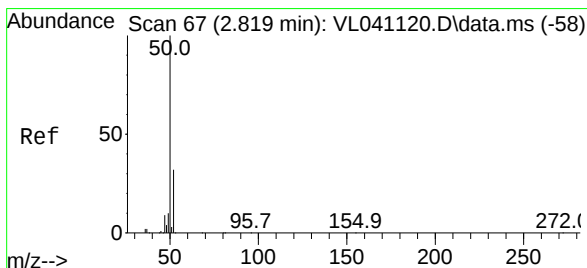
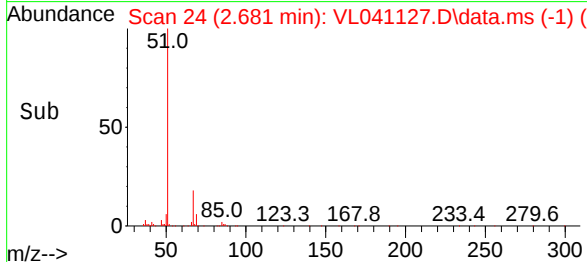
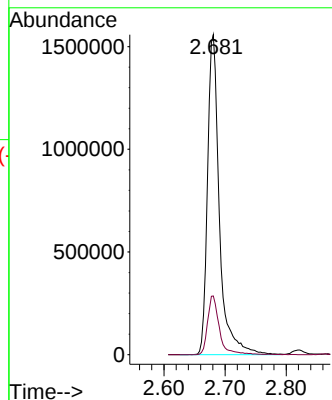
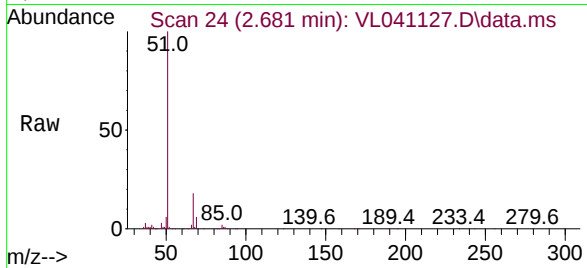




#3
Chlorodifluoromethane
Concen: 9.104 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

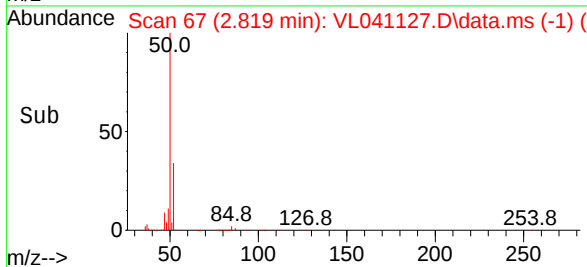
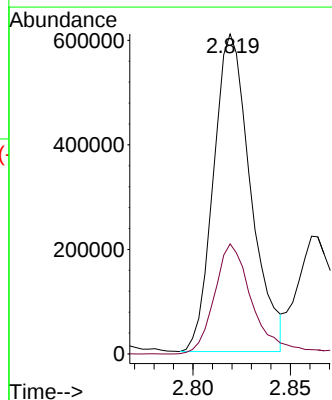
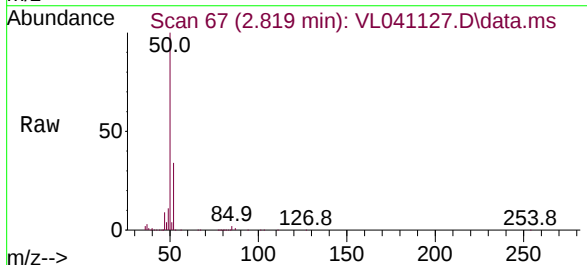
Instrument :
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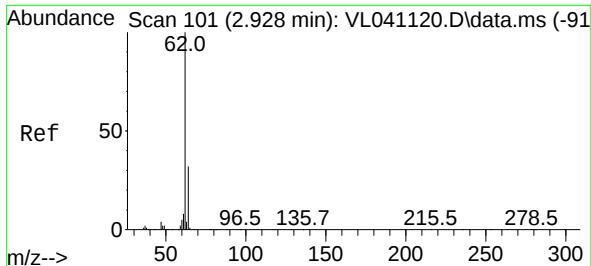
Tgt Ion: 51 Resp: 2100613
Ion Ratio Lower Upper
51 100
67 18.3 14.9 22.3



#4
Chloromethane
Concen: 9.229 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 50 Resp: 805807
Ion Ratio Lower Upper
50 100
52 34.6 26.0 39.0

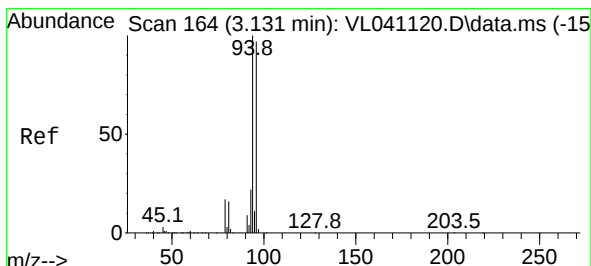
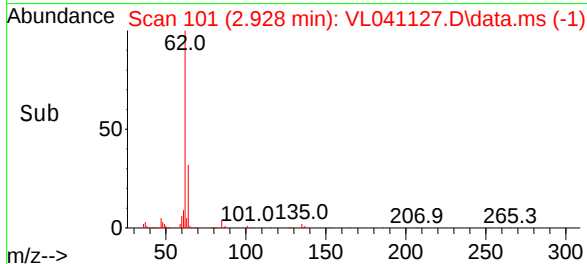
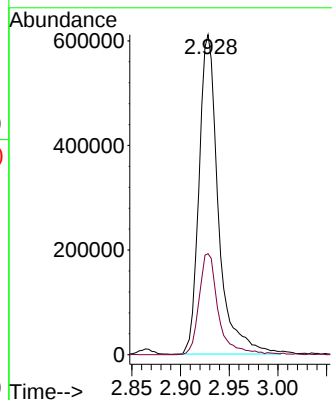
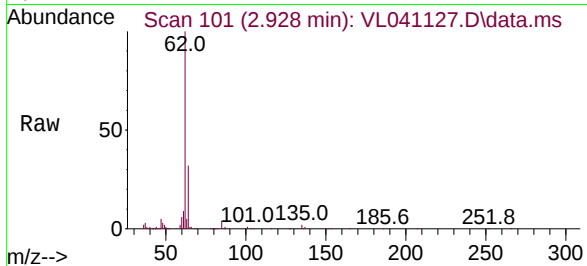




#5
 Vinyl Chloride
 Concen: 10.019 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

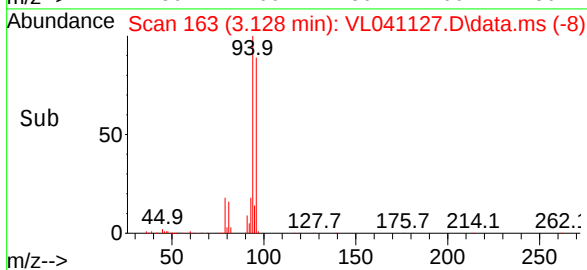
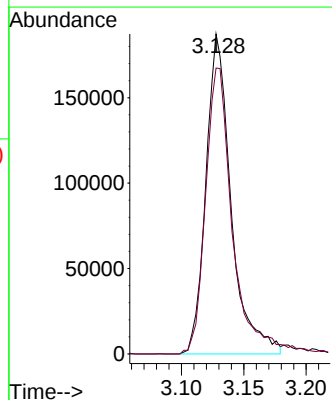
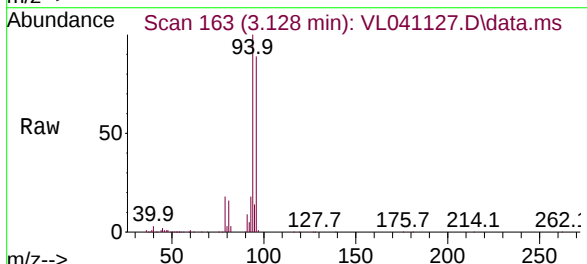
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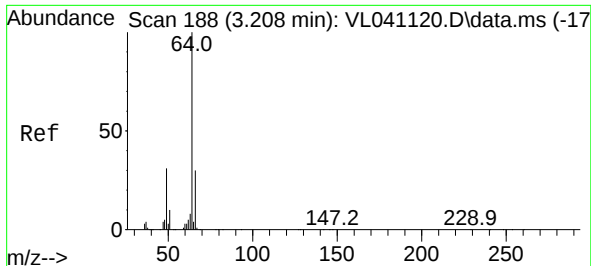
Tgt Ion: 62 Resp: 845082
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.6 38.4



#6
 Bromomethane
 Concen: 8.299 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

Tgt Ion: 94 Resp: 263492
 Ion Ratio Lower Upper
 94 100
 96 89.3 77.9 116.9

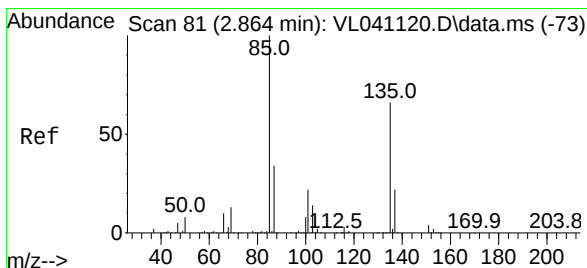
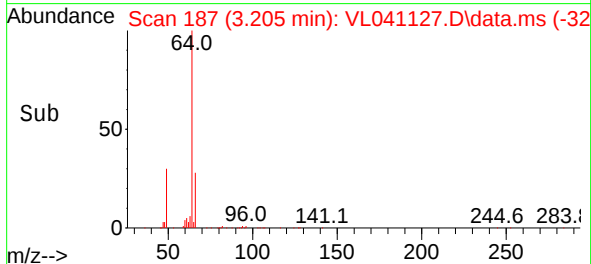
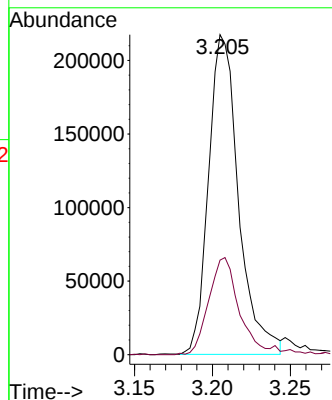
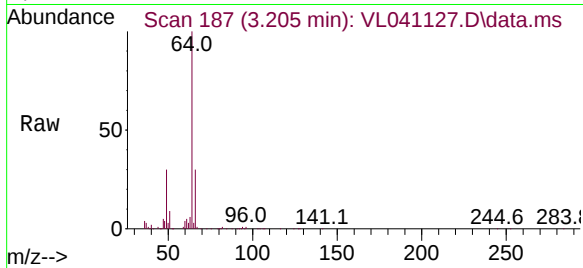




#7
Chloroethane
Concen: 9.379 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

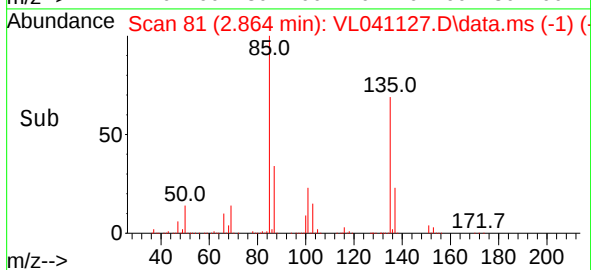
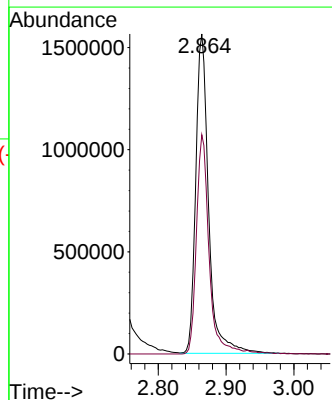
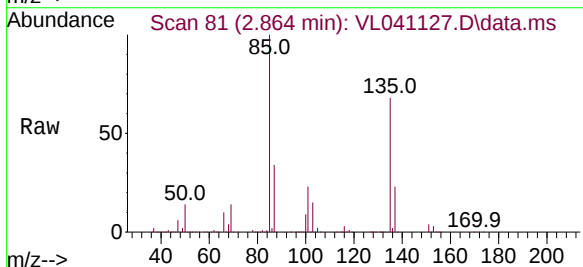
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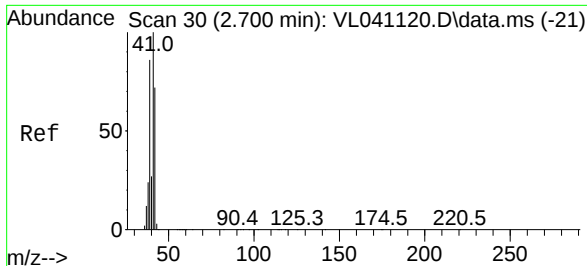
Tgt Ion: 64 Resp: 290333
Ion Ratio Lower Upper
64 100
66 29.5 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 9.419 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 85 Resp: 2058829
Ion Ratio Lower Upper
85 100
135 68.2 54.2 81.2





#9

Propene

Concen: 9.604 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

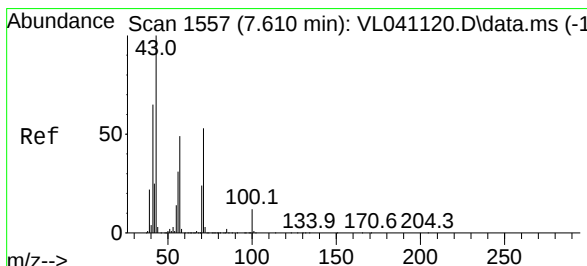
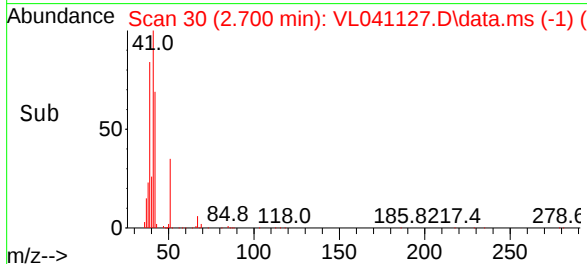
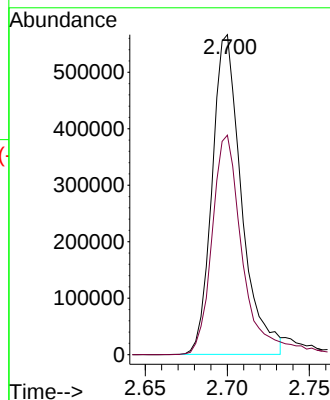
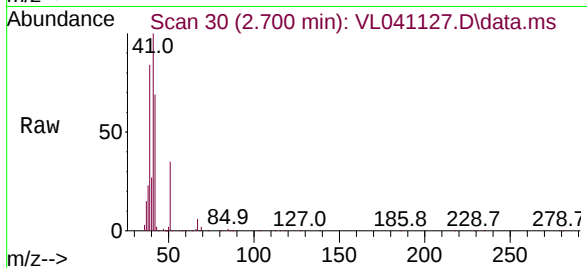
ICVVL040424

Tgt Ion: 41 Resp: 704910

Ion Ratio Lower Upper

41 100

42 72.9 60.1 90.1



#10

Heptane

Concen: 10.237 ppbv

RT: 7.607 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VL041127.D

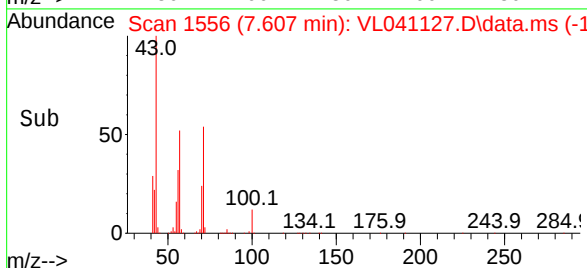
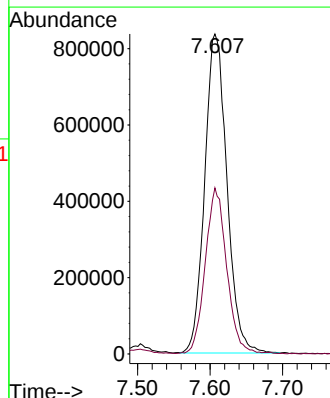
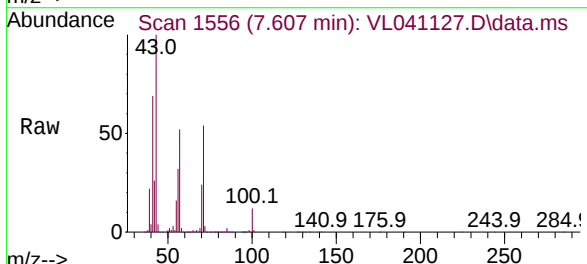
Acq: 4 Apr 2024 14:19

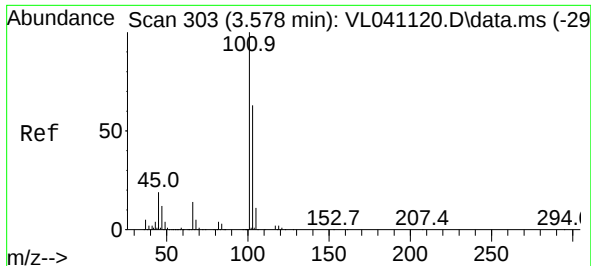
Tgt Ion: 43 Resp: 1783955

Ion Ratio Lower Upper

43 100

57 50.2 39.9 59.9





#11

Trichlorofluoromethane

Concen: 9.105 ppbv

RT: 3.575 min Scan# 303

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

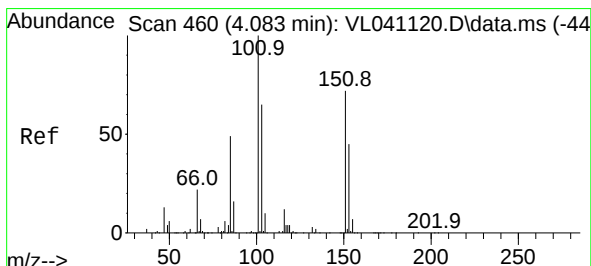
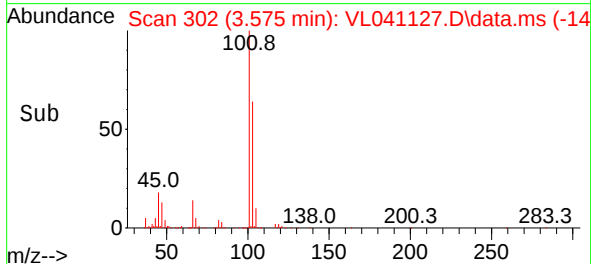
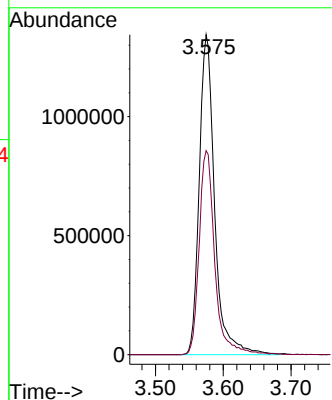
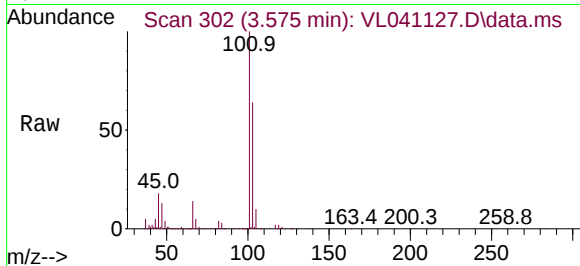
ICVVL040424

Tgt Ion:101 Resp: 2115695

Ion Ratio Lower Upper

101 100

103 63.7 50.6 75.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.187 ppbv

RT: 4.083 min Scan# 460

Delta R.T. 0.000 min

Lab File: VL041127.D

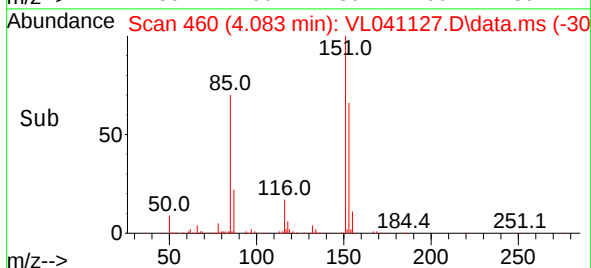
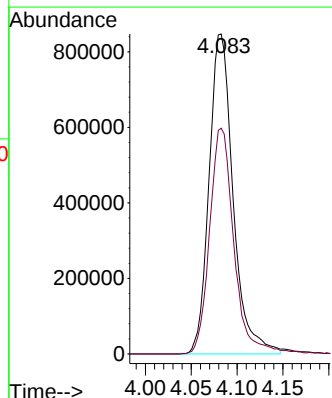
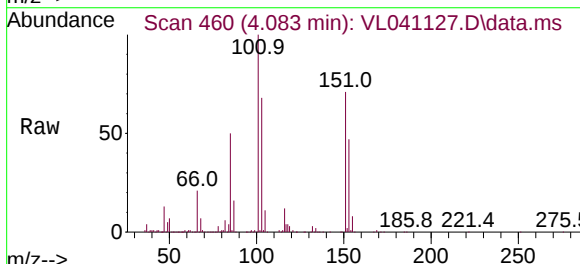
Acq: 4 Apr 2024 14:19

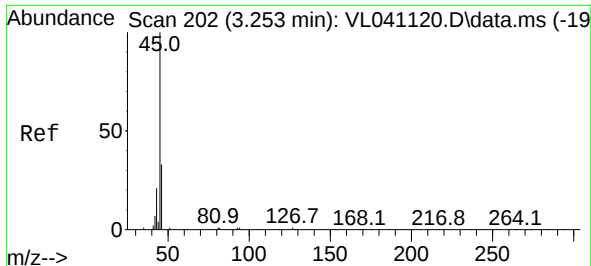
Tgt Ion:101 Resp: 1545174

Ion Ratio Lower Upper

101 100

151 71.7 56.2 84.4





#13

Ethanol

Concen: 8.820 ppbv

RT: 3.250 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

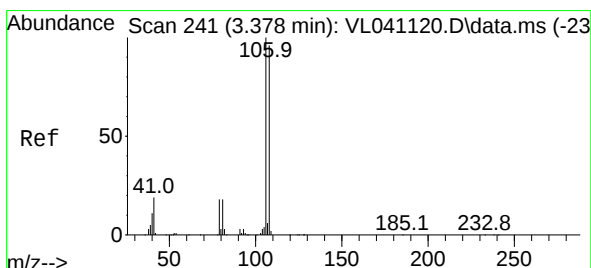
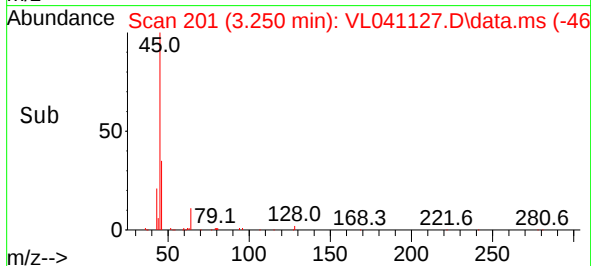
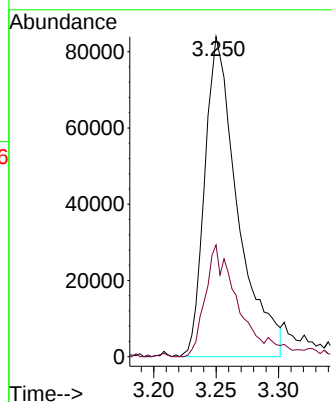
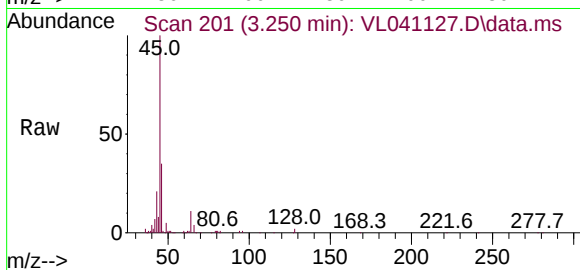
ICVVL040424

Tgt Ion: 45 Resp: 153988

Ion Ratio Lower Upper

45 100

46 37.8 15.0 59.8



#14

Bromoethene

Concen: 9.805 ppbv

RT: 3.375 min Scan# 240

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

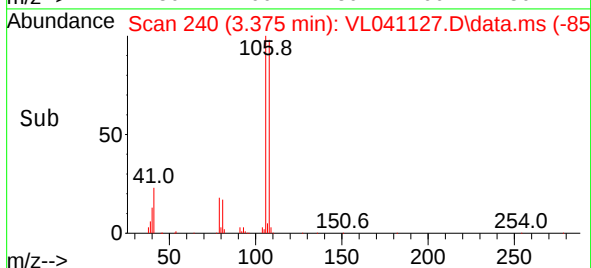
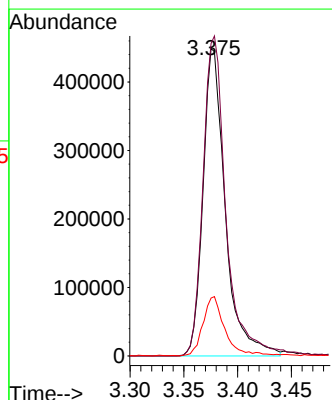
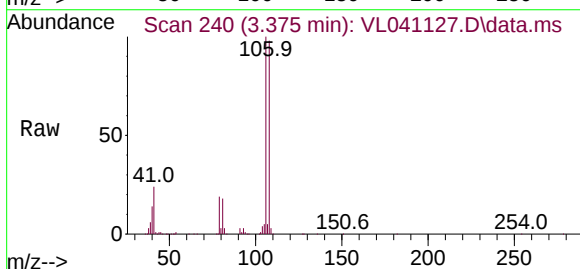
Tgt Ion:108 Resp: 649546

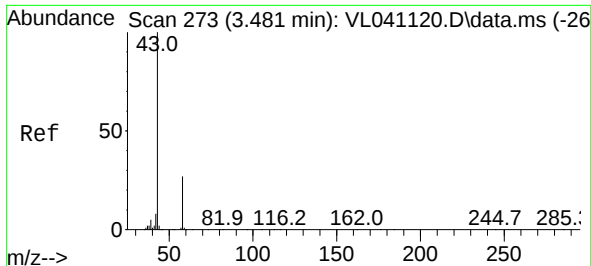
Ion Ratio Lower Upper

108 100

106 108.3 86.0 129.0

79 19.7 15.4 23.2

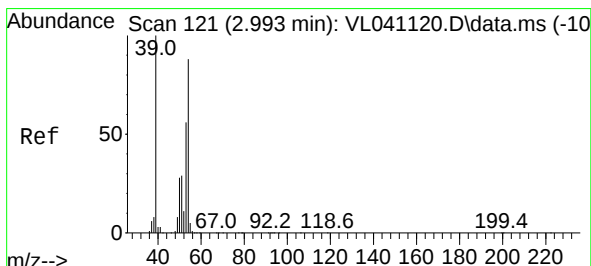
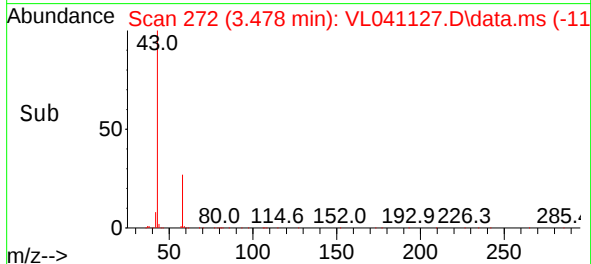
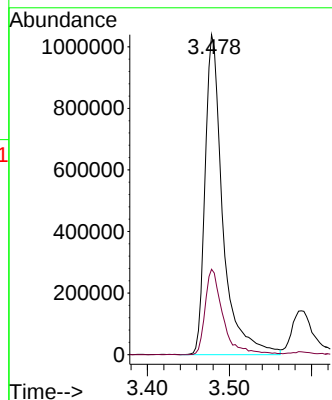
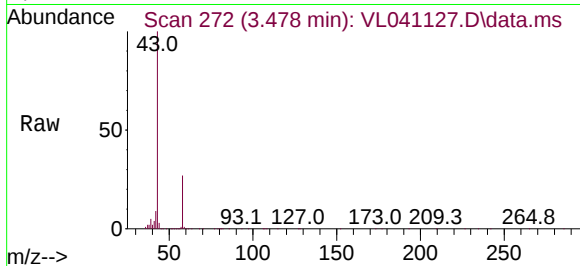




#15
Acetone
Concen: 9.591 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

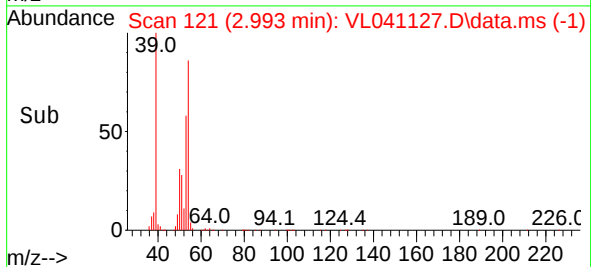
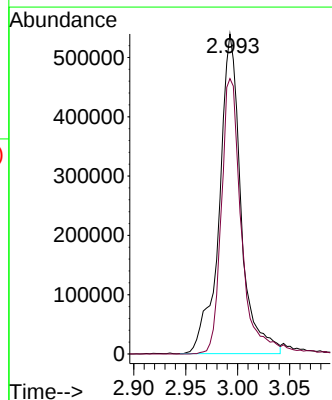
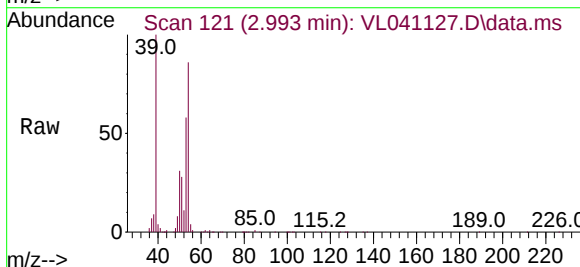
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

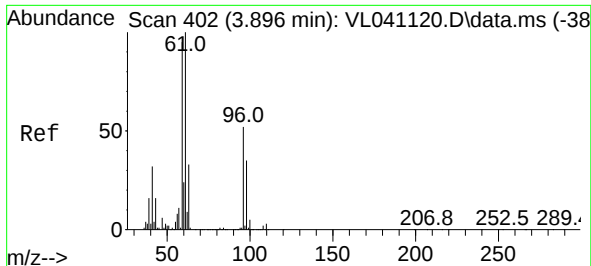
Tgt Ion: 43 Resp: 1555692
Ion Ratio Lower Upper
43 100
58 27.0 21.1 31.7



#16
1,3-Butadiene
Concen: 9.869 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 39 Resp: 785842
Ion Ratio Lower Upper
39 100
54 81.0 63.5 95.3

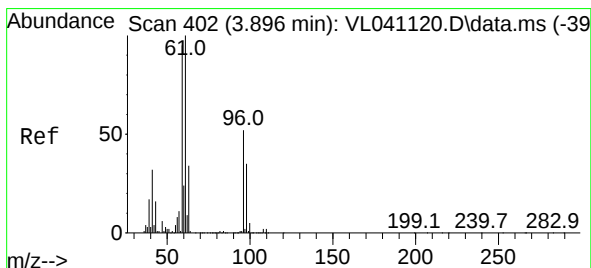
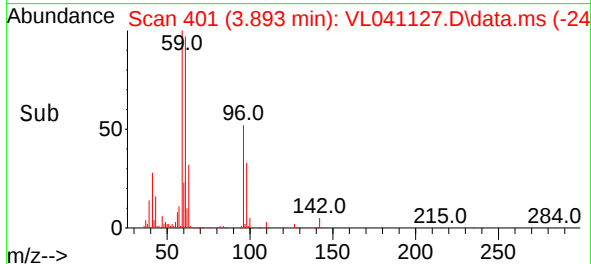
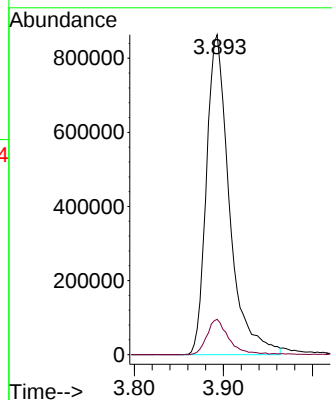
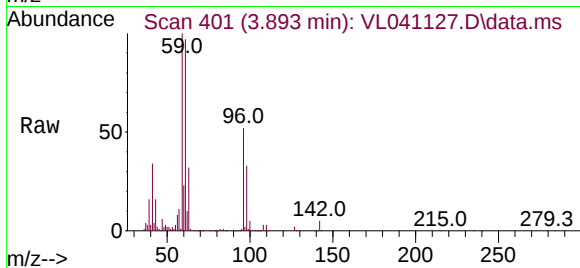




#17
tert-Butyl alcohol
Concen: 10.521 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

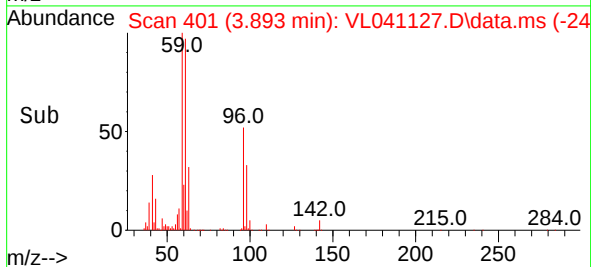
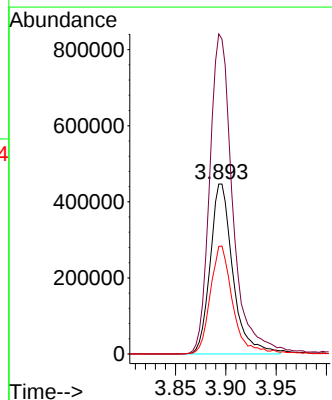
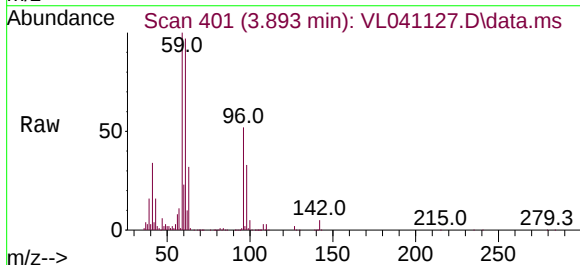
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

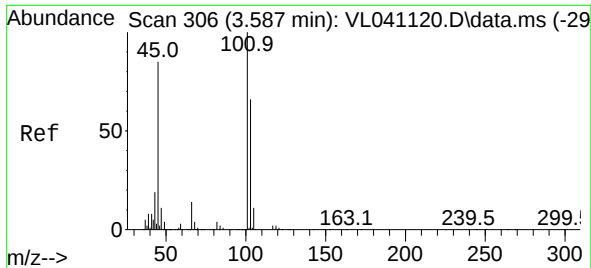
Tgt Ion: 59 Resp: 1545561
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.784 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 96 Resp: 702506
Ion Ratio Lower Upper
96 100
61 188.3 152.6 228.8
98 63.2 54.0 81.0





#19

Isopropyl Alcohol

Concen: 10.633 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

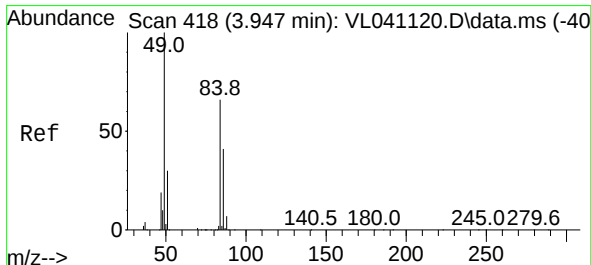
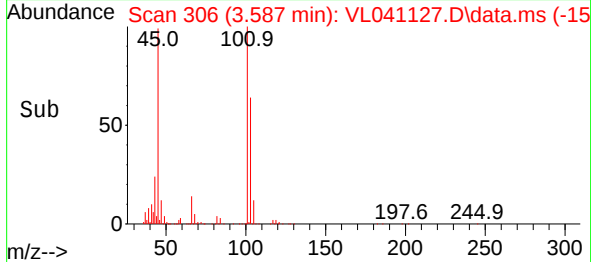
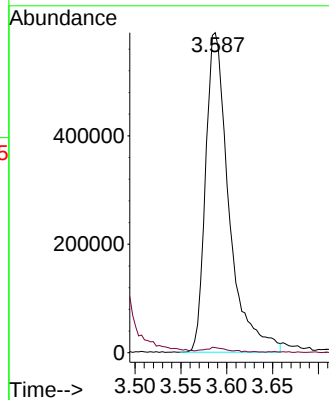
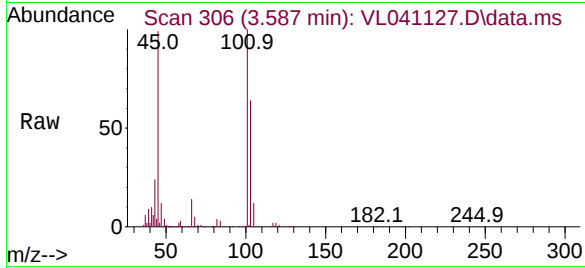
ICVVL040424

Tgt Ion: 45 Resp: 1047790

Ion Ratio Lower Upper

45 100

58 1.6 2.8 4.2#



#20

Methylene Chloride

Concen: 8.558 ppbv

RT: 3.948 min Scan# 418

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion: 84 Resp: 572512

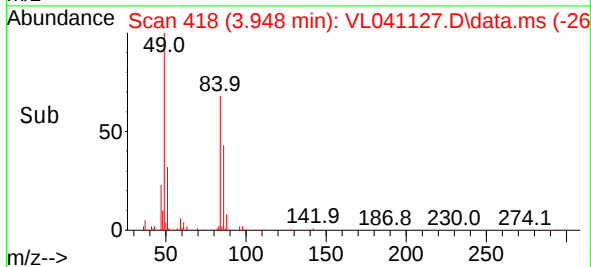
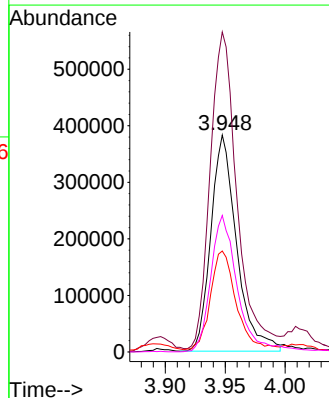
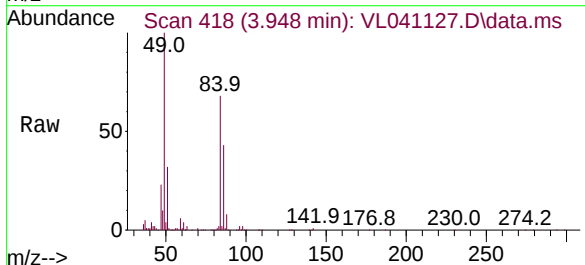
Ion Ratio Lower Upper

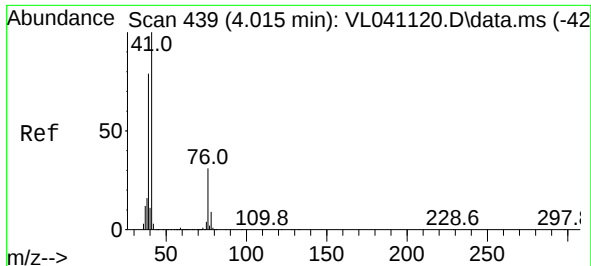
84 100

49 145.8 120.7 181.1

51 45.2 36.6 54.8

86 63.0 49.2 73.8





#21

Allyl Chloride

Concen: 9.800 ppbv

RT: 4.012 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

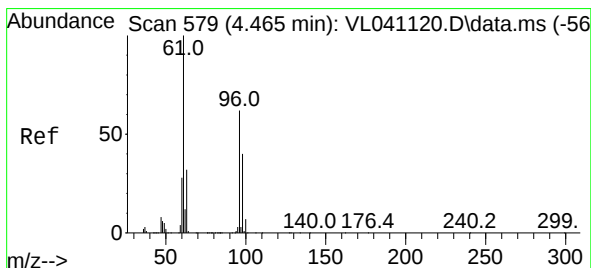
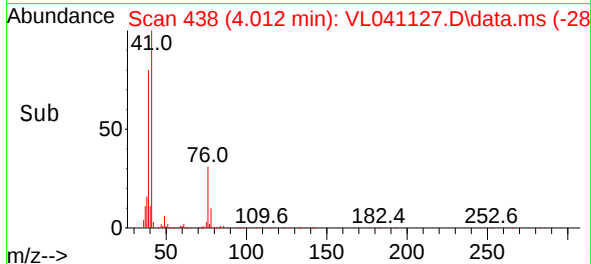
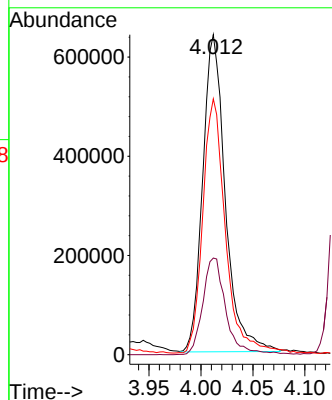
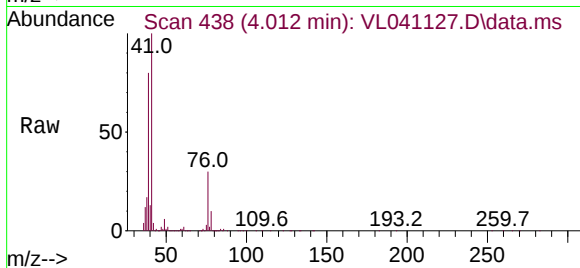
Tgt Ion: 41 Resp: 968528

Ion Ratio Lower Upper

41 100

76 31.1 25.7 38.5

39 81.1 65.7 98.5



#22

trans-1,2-Dichloroethene

Concen: 9.729 ppbv

RT: 4.462 min Scan# 578

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

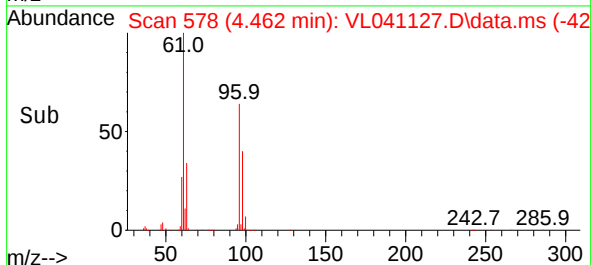
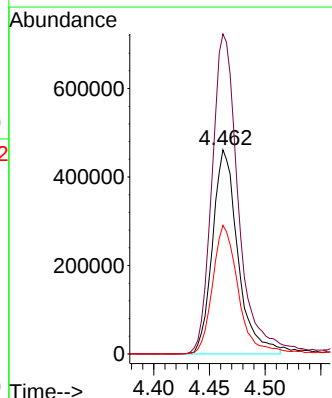
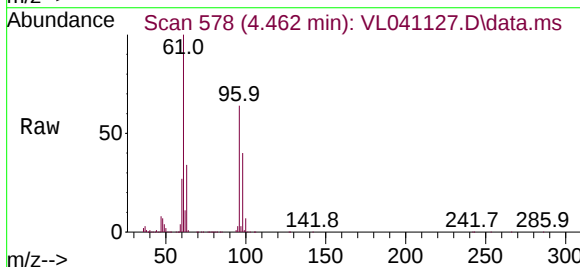
Tgt Ion: 96 Resp: 732356

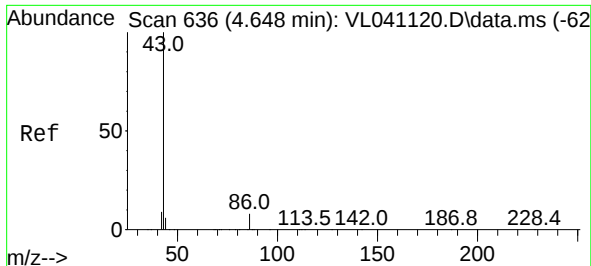
Ion Ratio Lower Upper

96 100

61 156.7 128.4 192.6

98 63.0 51.5 77.3

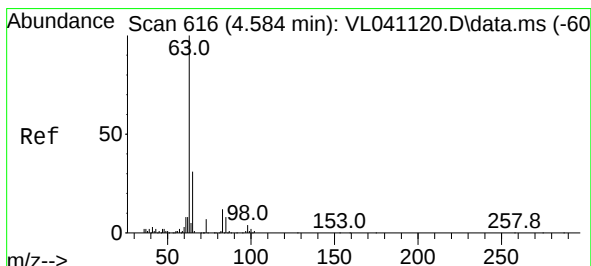
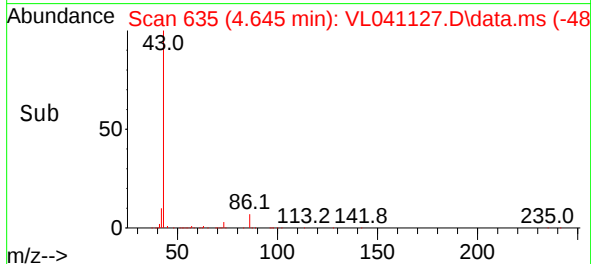
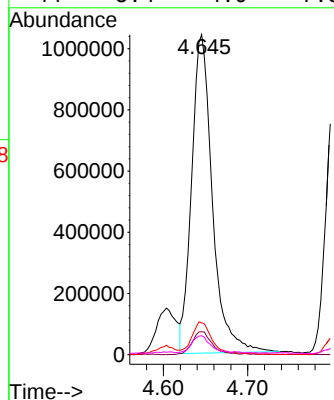
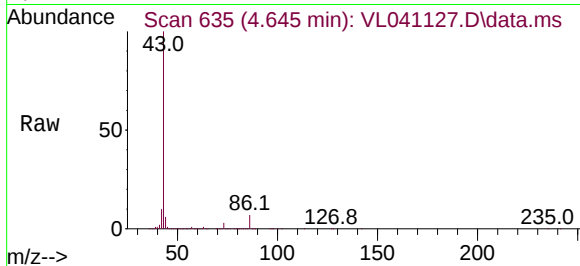




#23
Vinyl Acetate
Concen: 10.738 ppbv
RT: 4.645 min Scan# 615
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

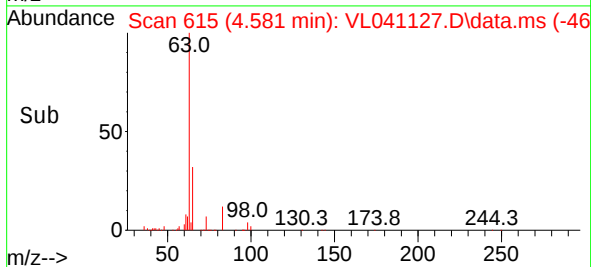
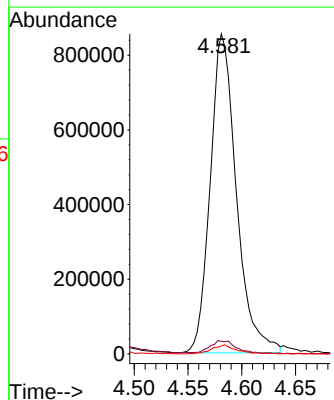
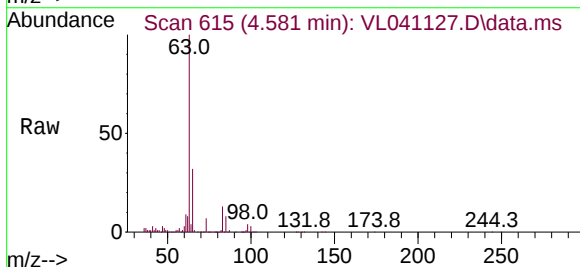
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

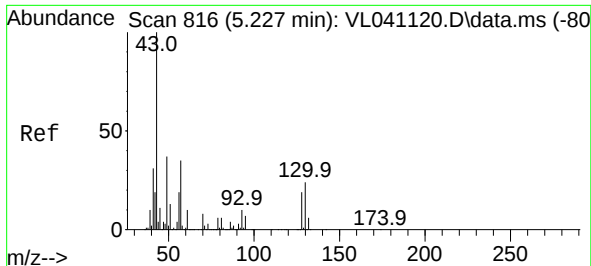
Tgt Ion: 43 Resp: 1779303
Ion Ratio Lower Upper
43 100
86 7.1 6.2 9.4
42 10.0 7.7 11.5
44 5.4 4.9 7.3



#24
1,1-Dichloroethane
Concen: 9.576 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 63 Resp: 1443807
Ion Ratio Lower Upper
63 100
98 3.7 2.1 6.3
100 2.6 1.1 3.3





#25

Ethyl Acetate

Concen: 9.766 ppbv

RT: 5.224 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

Tgt Ion: 43 Resp: 2974882

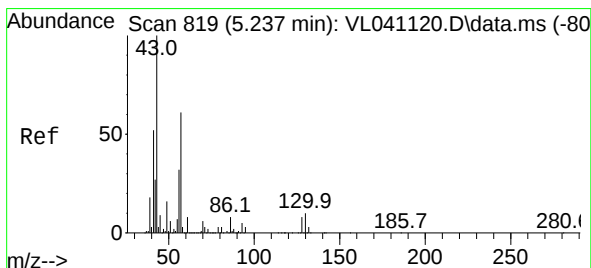
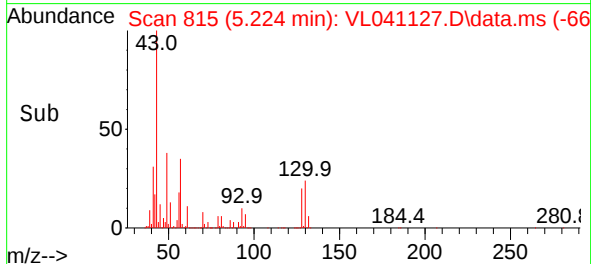
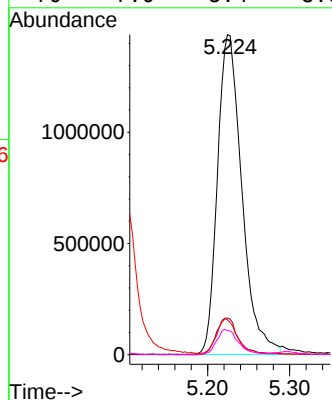
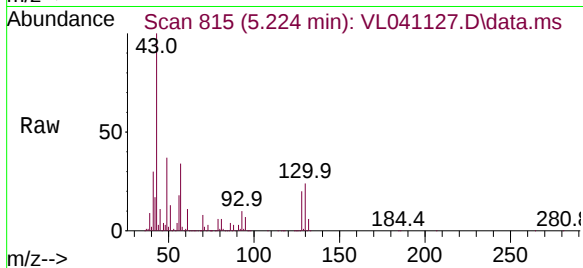
Ion Ratio Lower Upper

43 100

45 10.7 8.0 12.0

61 10.2 7.8 11.6

70 7.0 5.4 8.0



#26

Hexane

Concen: 9.575 ppbv

RT: 5.234 min Scan# 818

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion: 57 Resp: 1308751

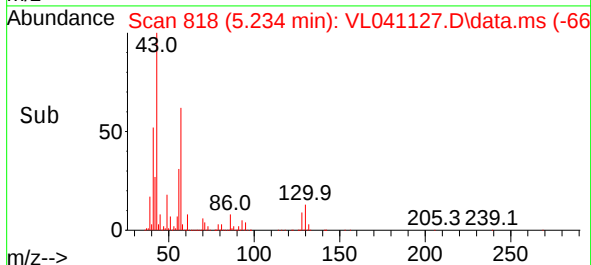
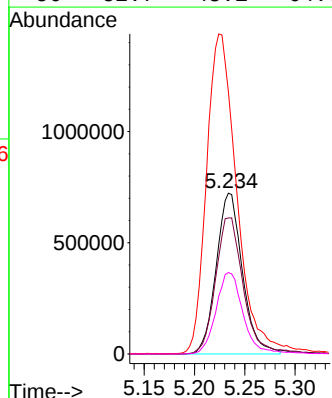
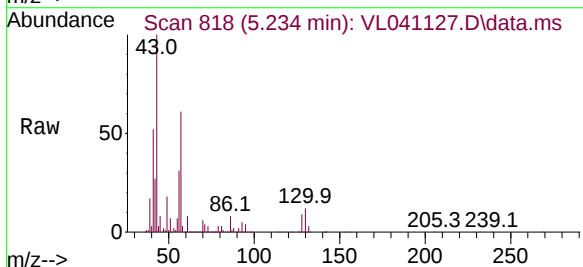
Ion Ratio Lower Upper

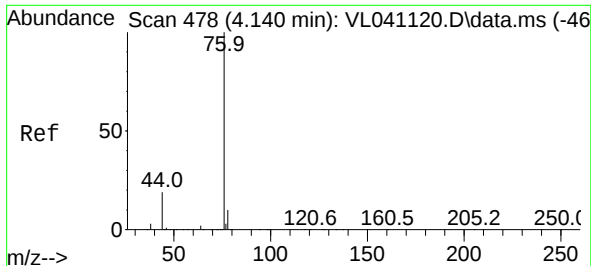
57 100

41 90.6 73.8 110.8

43 232.4 186.2 279.2

56 52.7 43.1 64.7

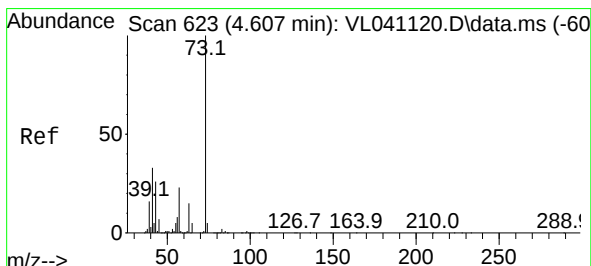
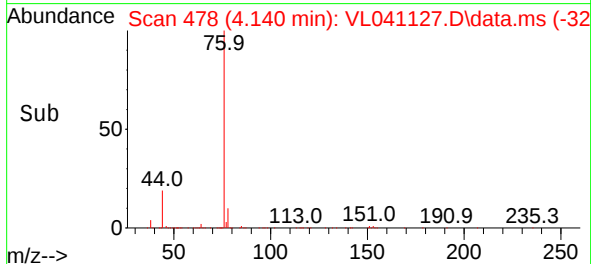
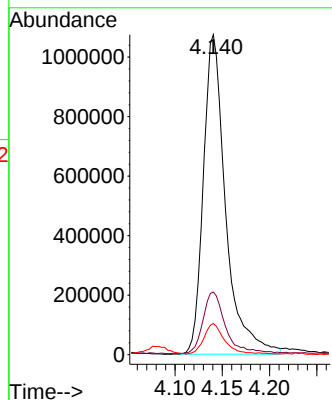
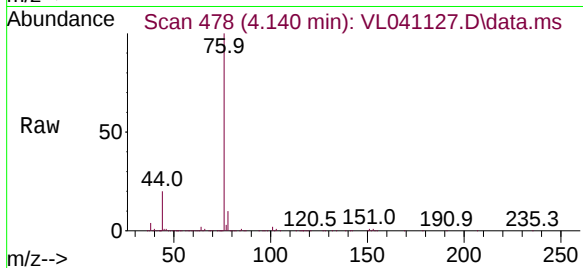




#27
Carbon Disulfide
Concen: 10.496 ppbv
RT: 4.140 min Scan# 478
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

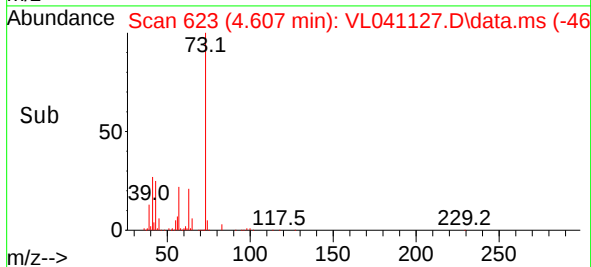
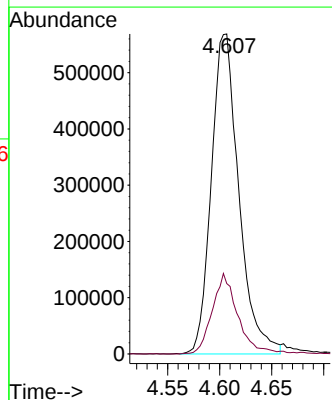
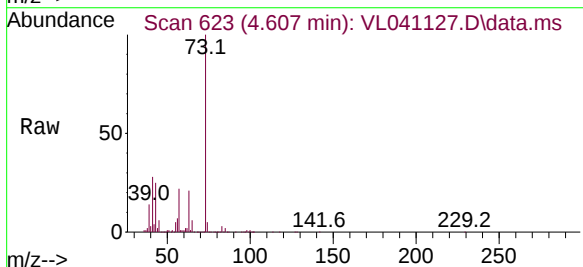
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

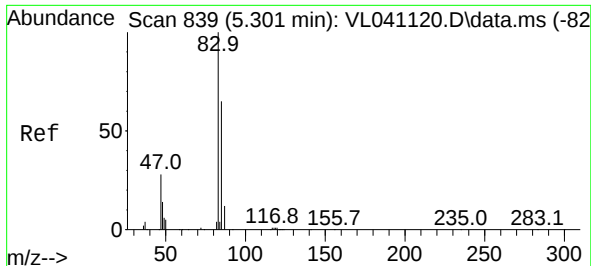
Tgt Ion: 76 Resp: 1757828
Ion Ratio Lower Upper
76 100
44 20.0 16.3 24.5
78 9.4 7.9 11.9



#28
Methyl tert-Butyl Ether
Concen: 10.170 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 73 Resp: 1048983
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8





#29

Chloroform

Concen: 9.458 ppbv

RT: 5.295 min Scan# 83

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

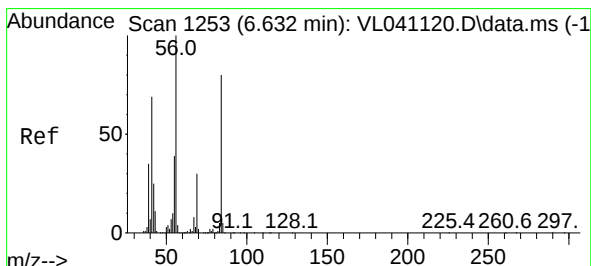
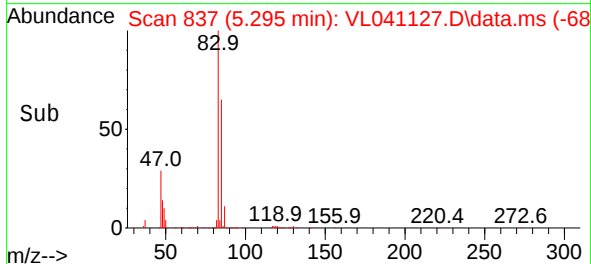
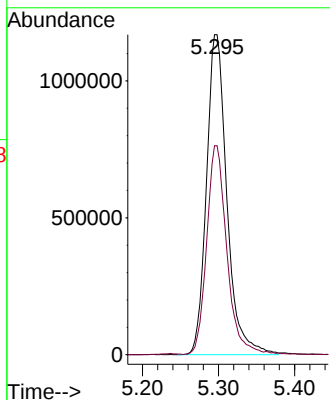
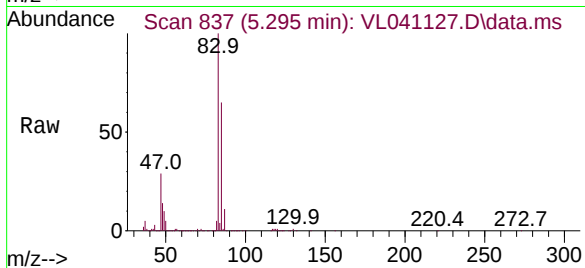
ICVVL040424

Tgt Ion: 83 Resp: 2179390

Ion Ratio Lower Upper

83 100

85 65.1 51.5 77.3



#30

Cyclohexane

Concen: 10.265 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

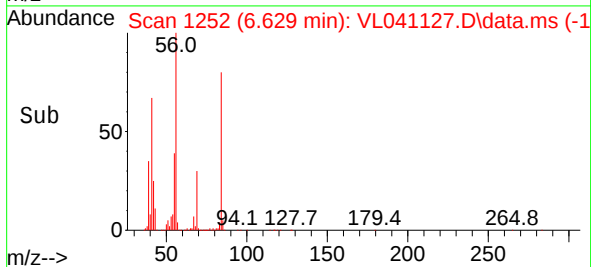
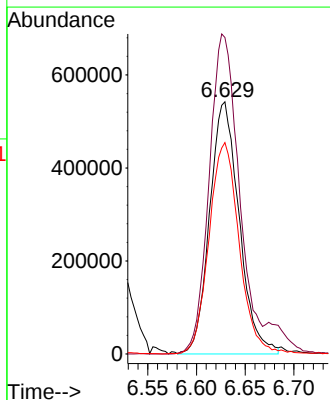
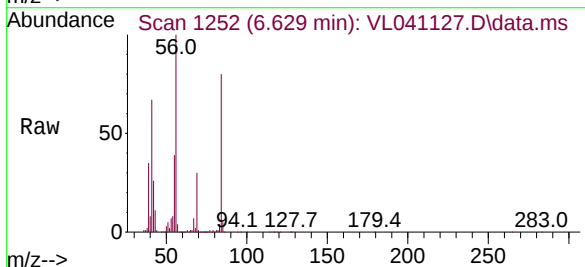
Tgt Ion: 84 Resp: 1142933

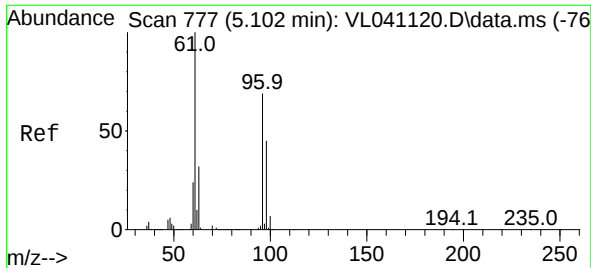
Ion Ratio Lower Upper

84 100

56 137.2 111.9 167.9

41 85.6 71.0 106.6





#31

cis-1,2-Dichloroethene

Concen: 9.926 ppbv

RT: 5.099 min Scan# 777

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

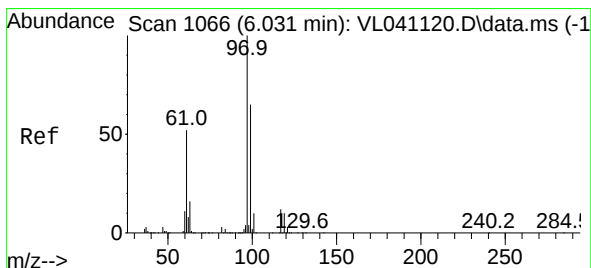
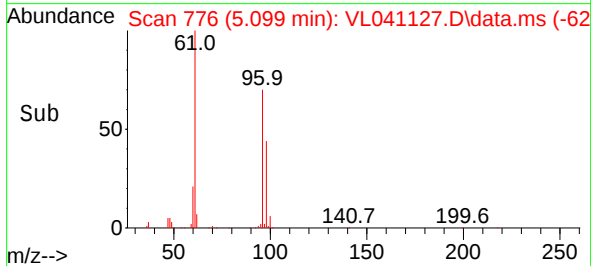
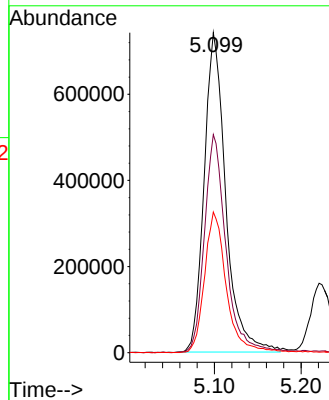
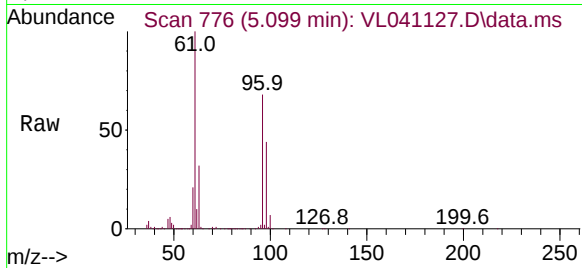
Tgt Ion: 61 Resp: 1284146

Ion Ratio Lower Upper

61 100

96 68.1 54.9 82.3

98 44.0 35.9 53.9



#32

1,1,1-Trichloroethane

Concen: 10.324 ppbv

RT: 6.028 min Scan# 1065

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

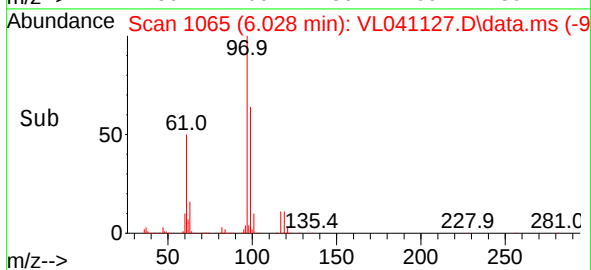
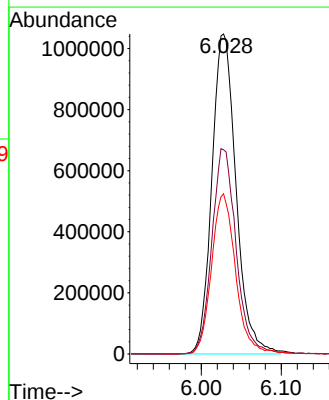
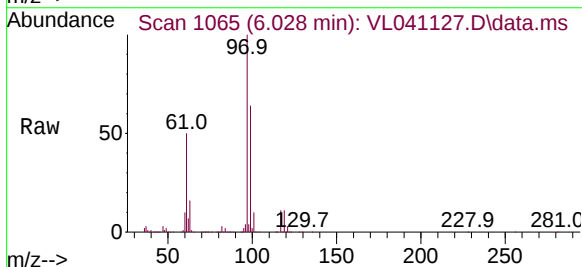
Tgt Ion: 97 Resp: 2199032

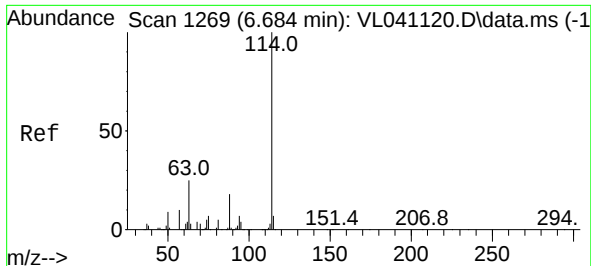
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 49.9 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

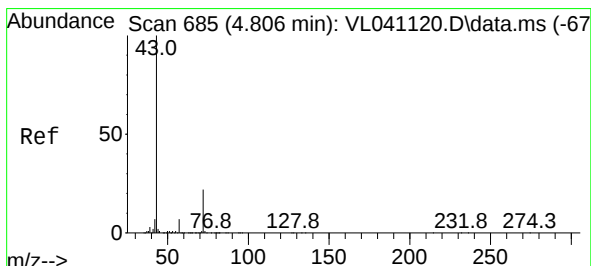
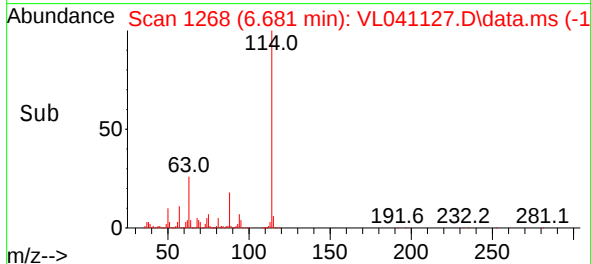
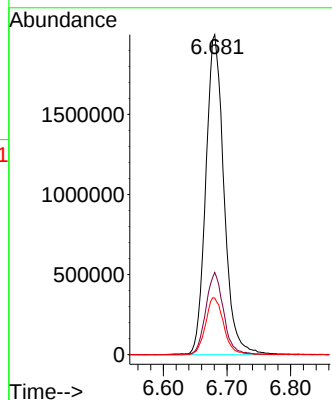
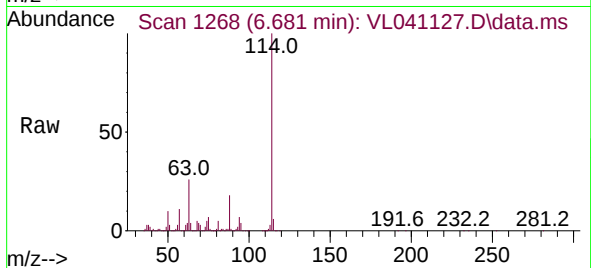
Tgt Ion:114 Resp: 3954963

Ion Ratio Lower Upper

114 100

63 25.7 20.9 31.3

88 17.9 14.5 21.7



#34

2-Butanone

Concen: 9.647 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.000 min

Lab File: VL041127.D

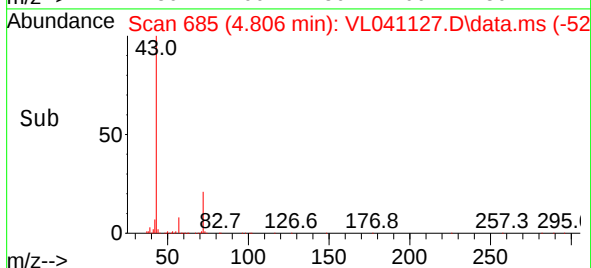
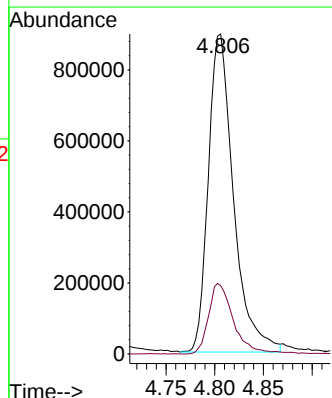
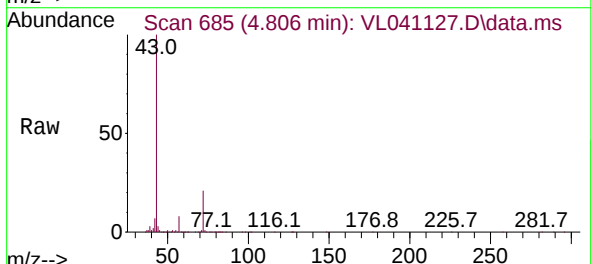
Acq: 4 Apr 2024 14:19

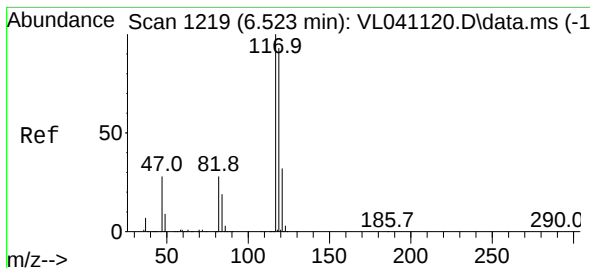
Tgt Ion: 43 Resp: 1614595

Ion Ratio Lower Upper

43 100

72 22.4 17.6 26.4





#35

Carbon Tetrachloride

Concen: 10.233 ppbv

RT: 6.520 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

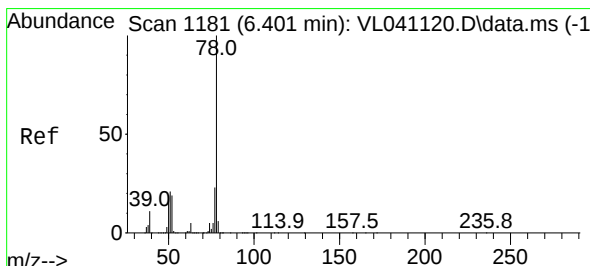
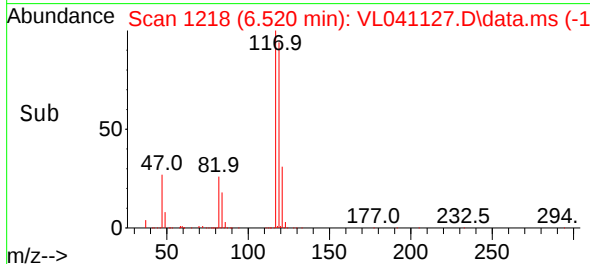
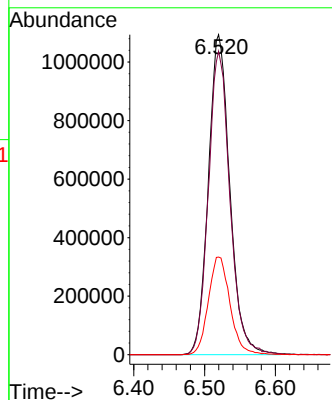
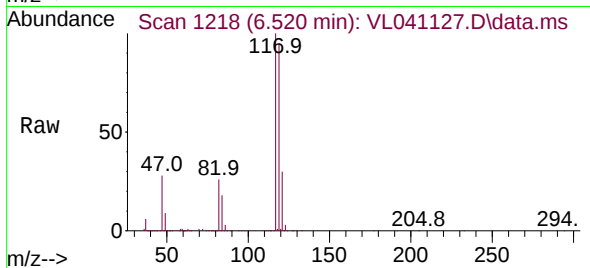
Tgt Ion:117 Resp: 2304212

Ion Ratio Lower Upper

117 100

119 94.8 74.2 111.4

121 30.5 25.4 38.2



#36

Benzene

Concen: 9.810 ppbv

RT: 6.394 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

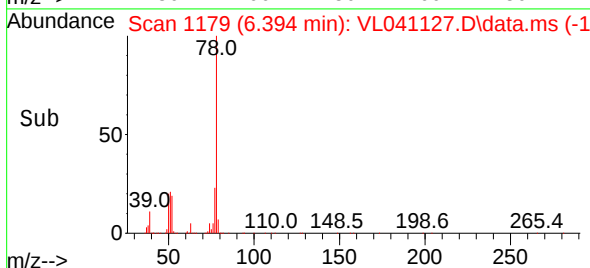
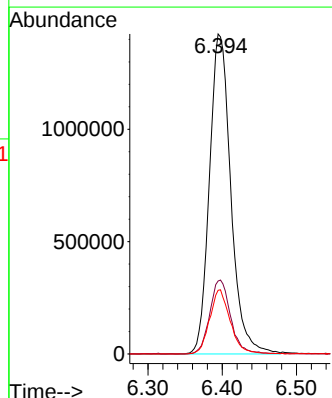
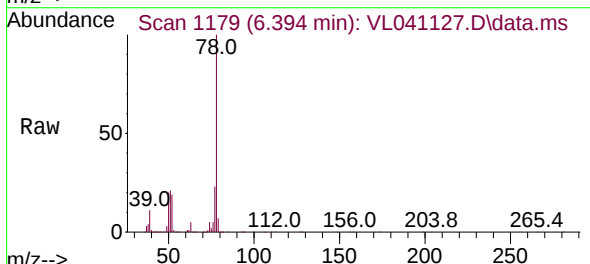
Tgt Ion: 78 Resp: 2849115

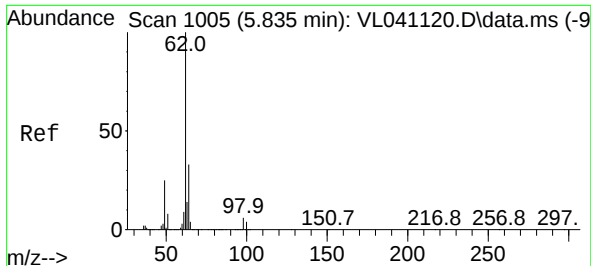
Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4

50 19.9 15.4 23.2





#37

1,2-Dichloroethane

Concen: 9.476 ppbv

RT: 5.832 min Scan# 1005

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

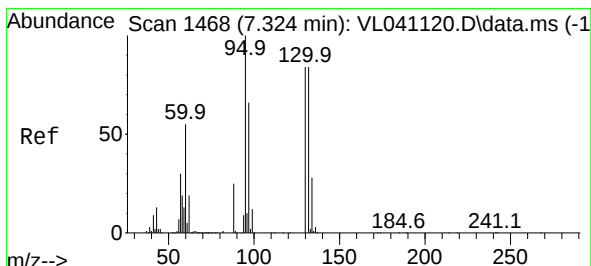
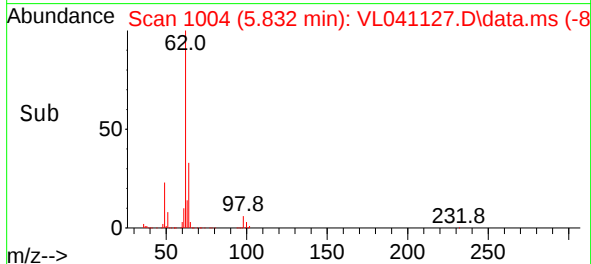
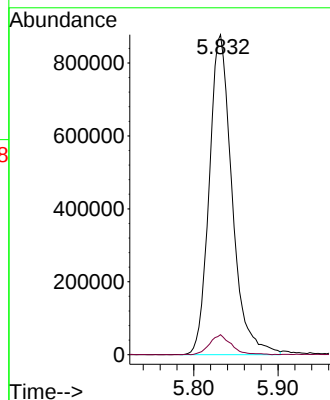
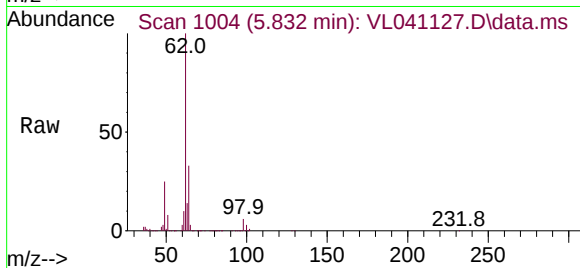
ICVVL040424

Tgt Ion: 62 Resp: 1652436

Ion Ratio Lower Upper

62 100

98 6.0 4.6 7.0



#38

Trichloroethene

Concen: 10.385 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion:130 Resp: 1089698

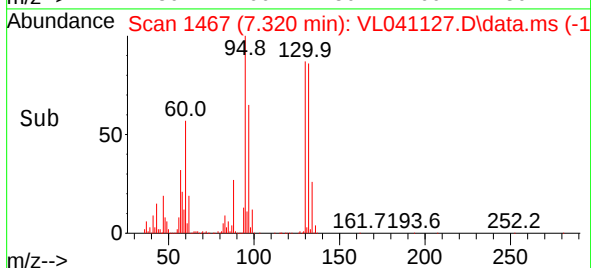
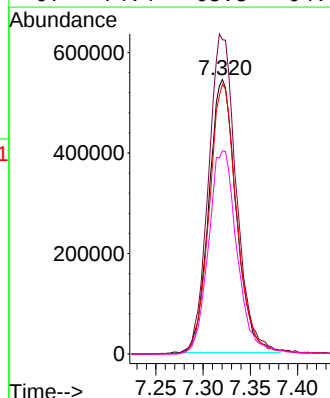
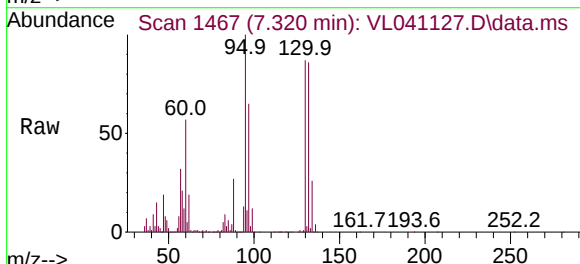
Ion Ratio Lower Upper

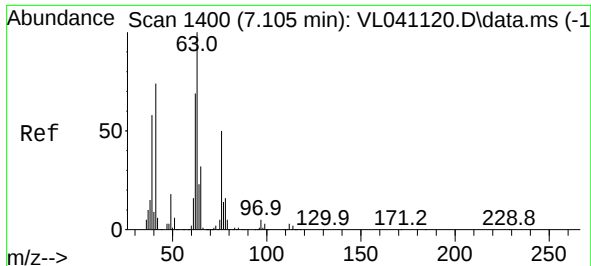
130 100

95 114.7 95.4 143.0

132 98.6 80.0 120.0

97 74.4 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.587 ppbv

RT: 7.099 min Scan# 1400

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

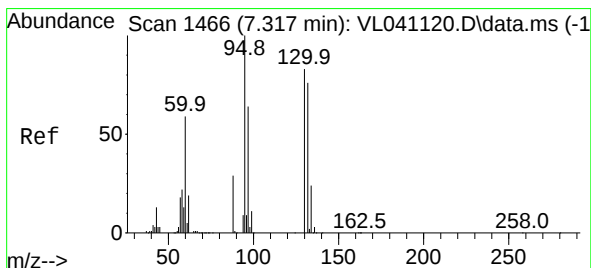
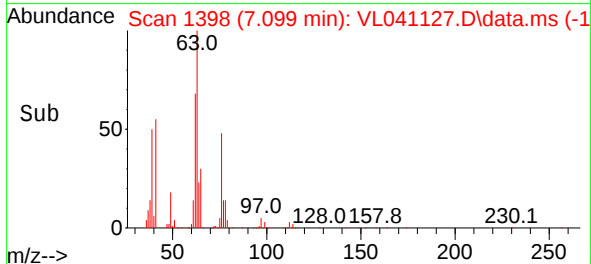
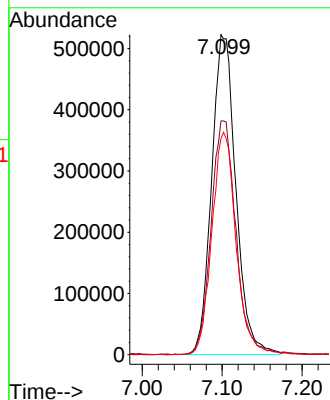
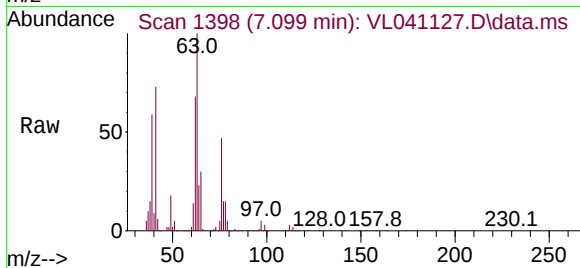
Tgt Ion: 63 Resp: 1097866

Ion Ratio Lower Upper

63 100

41 73.0 58.7 88.1

62 67.5 55.5 83.3



#40

1,4-Dioxane

Concen: 10.639 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion: 88 Resp: 424610

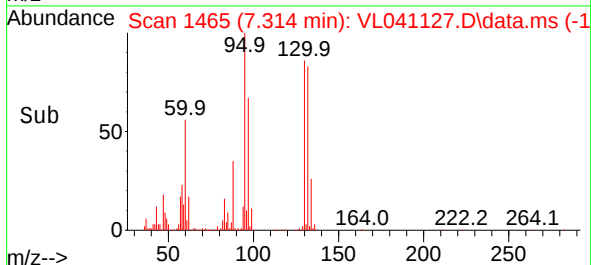
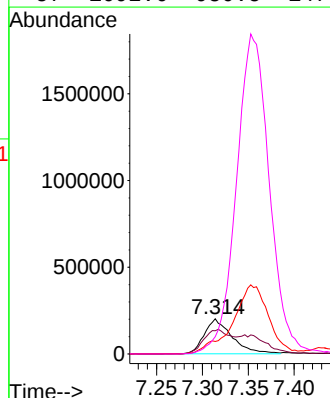
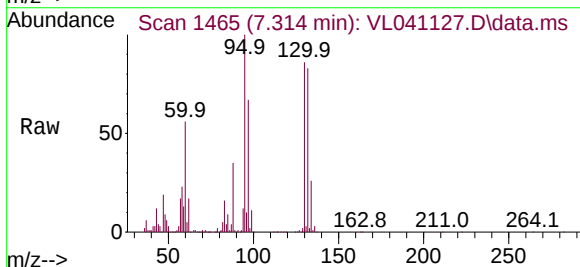
Ion Ratio Lower Upper

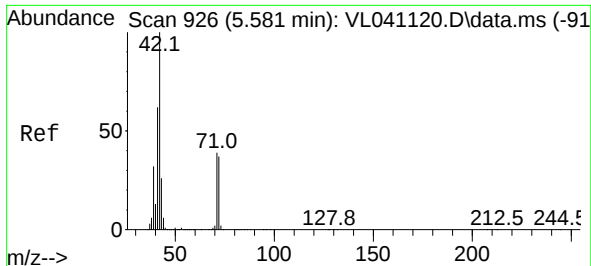
88 100

58 126.6 107.8 161.6

43 256.9 223.8 335.6

57 1092.6 980.5 1470.7

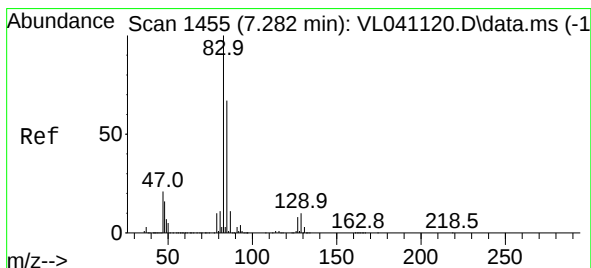
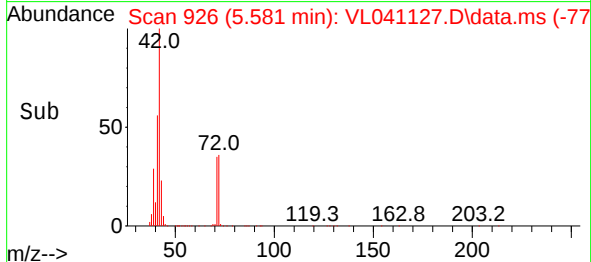
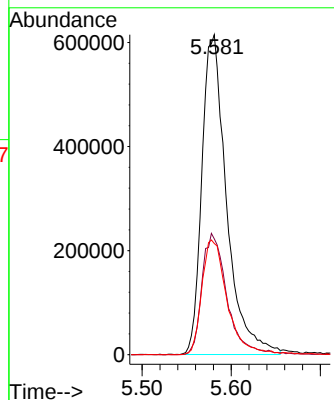
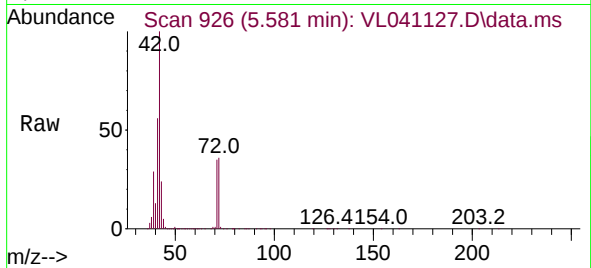




#41
Tetrahydrofuran
Concen: 10.627 ppbv
RT: 5.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

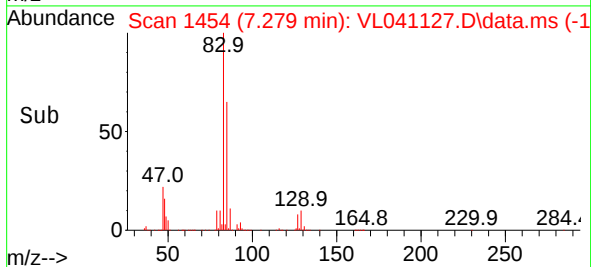
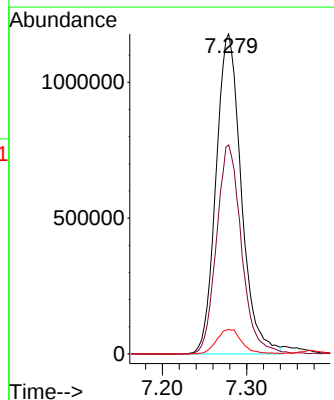
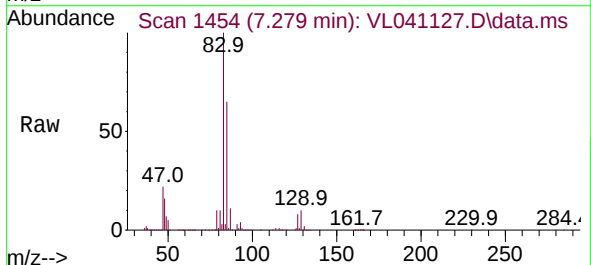
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

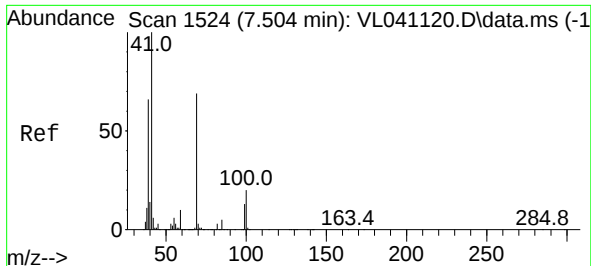
Tgt Ion: 42 Resp: 1184174
Ion Ratio Lower Upper
42 100
72 38.6 31.2 46.8
71 37.3 29.9 44.9



#42
Bromodichloromethane
Concen: 9.836 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 83 Resp: 2450442
Ion Ratio Lower Upper
83 100
85 65.3 53.5 80.3
127 7.6 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.706 ppbv

RT: 7.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

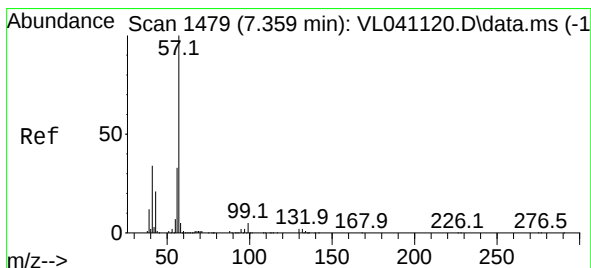
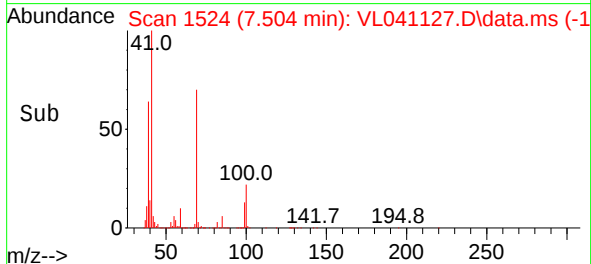
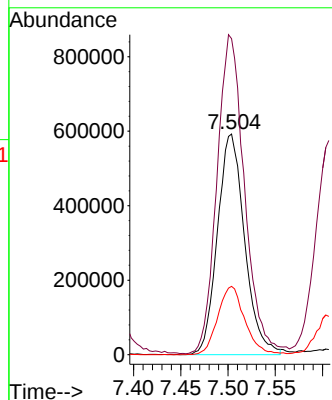
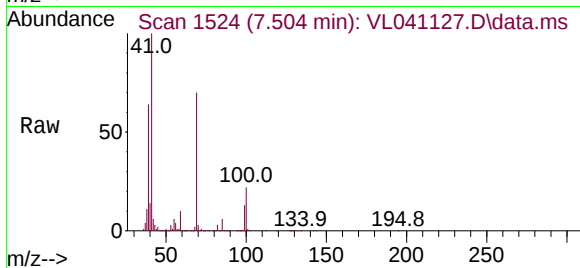
Tgt Ion: 69 Resp: 1184381

Ion Ratio Lower Upper

69 100

41 148.0 119.2 178.8

100 31.0 24.6 37.0



#44

2,2,4-Trimethylpentane

Concen: 9.640 ppbv

RT: 7.353 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

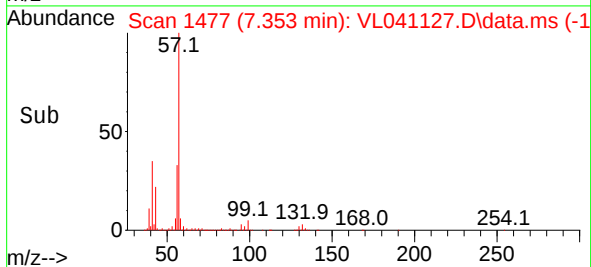
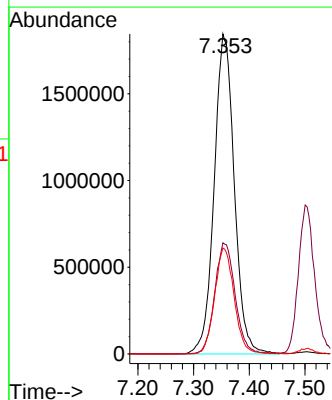
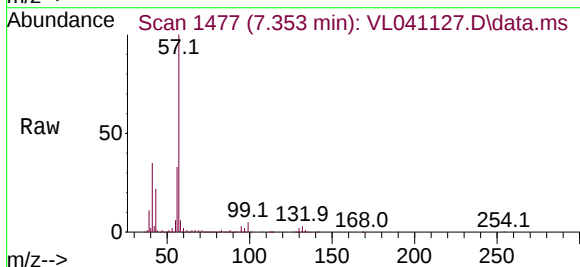
Tgt Ion: 57 Resp: 4635170

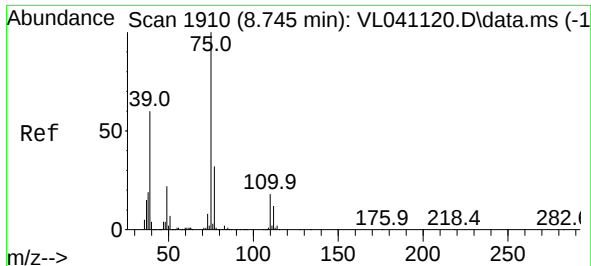
Ion Ratio Lower Upper

57 100

41 35.3 28.2 42.2

56 32.2 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 9.791 ppbv

RT: 8.742 min Scan# 1910

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

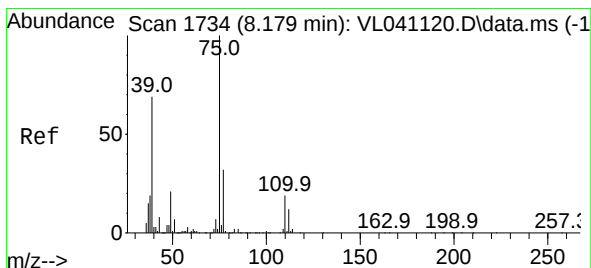
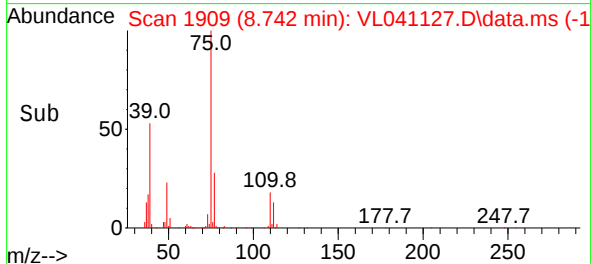
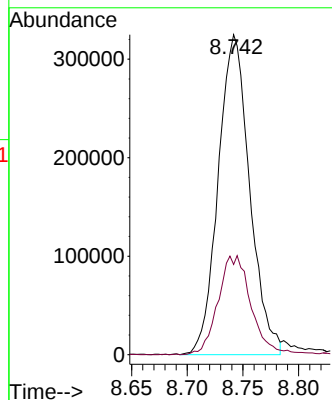
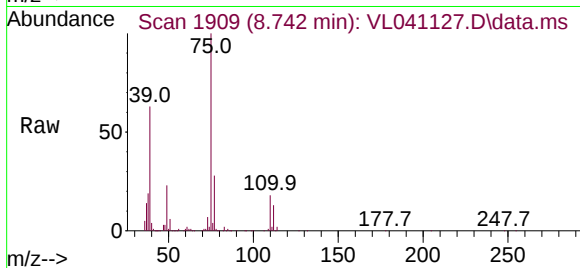
ICVVL040424

Tgt Ion: 75 Resp: 638294

Ion Ratio Lower Upper

75 100

77 28.2 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 9.902 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

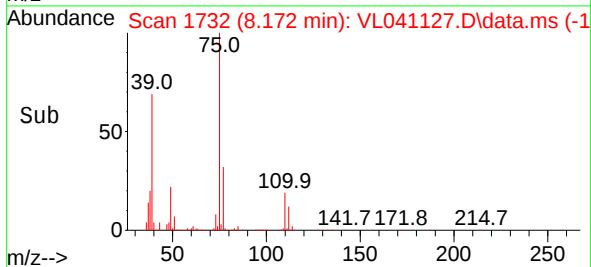
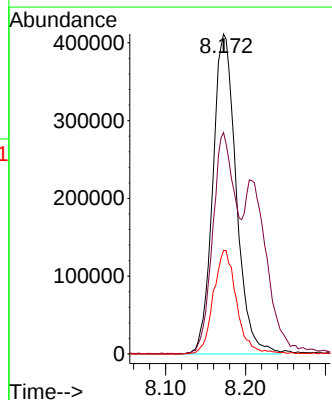
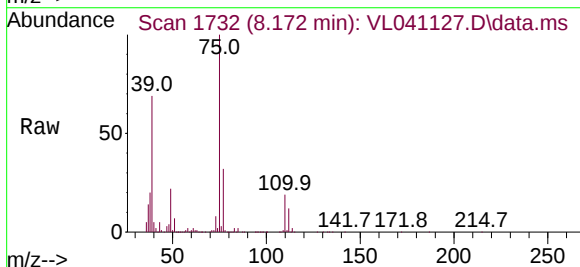
Tgt Ion: 75 Resp: 835217

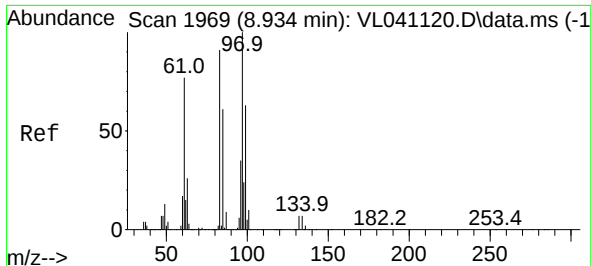
Ion Ratio Lower Upper

75 100

39 69.0 55.1 82.7

77 32.4 25.2 37.8



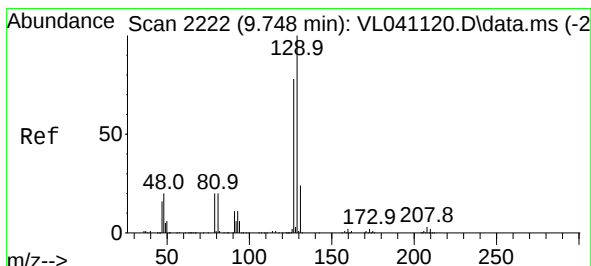
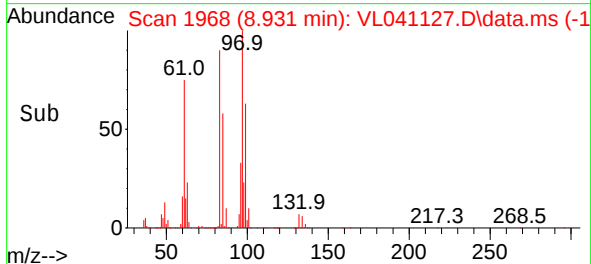
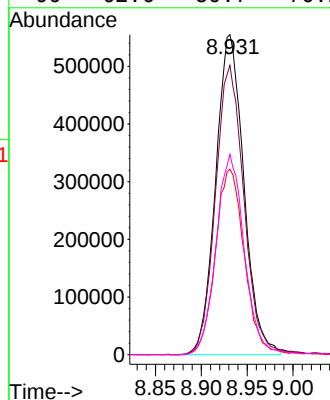
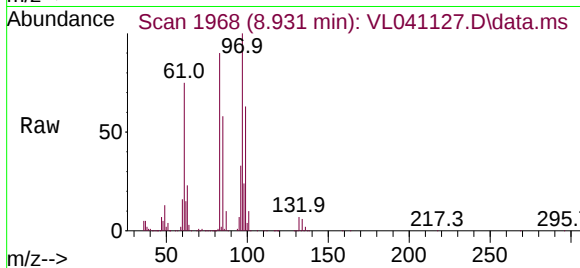


#47
1,1,2-Trichloroethane
Concen: 9.585 ppbv
RT: 8.931 min Scan# 1968
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Instrument : MSVOA_L
ClientSampleId : ICVVL040424

Tgt Ion: 97 Resp: 1186314

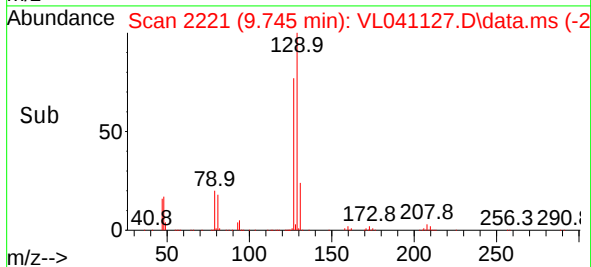
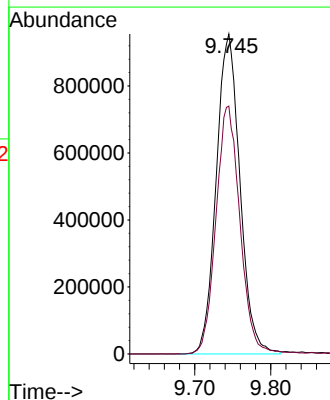
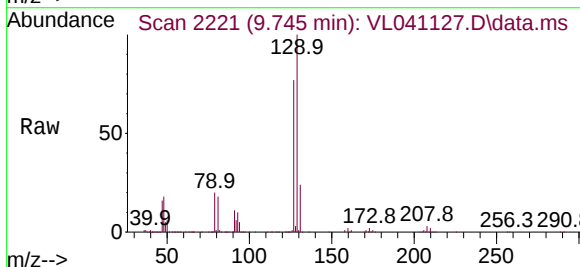
Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.9	109.3
85	57.8	49.1	73.7
99	62.6	50.7	76.1

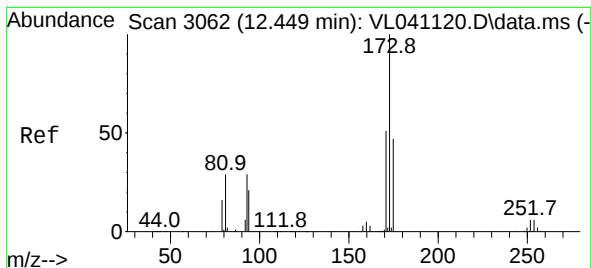


#48
Dibromochloromethane
Concen: 10.526 ppbv
RT: 9.745 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 129 Resp: 2068017

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.3	117.9





#49

Bromoform

Concen: 10.693 ppbv

RT: 12.446 min Scan# 3062

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

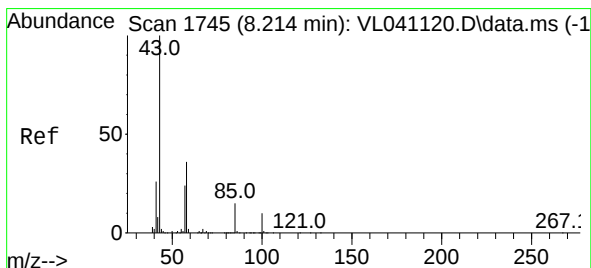
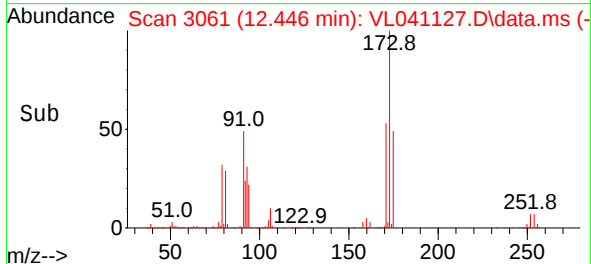
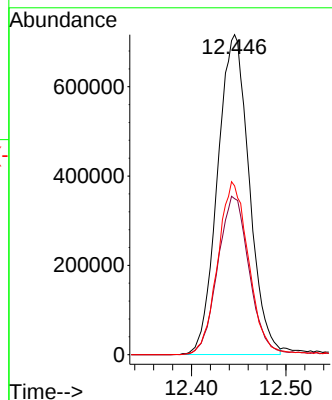
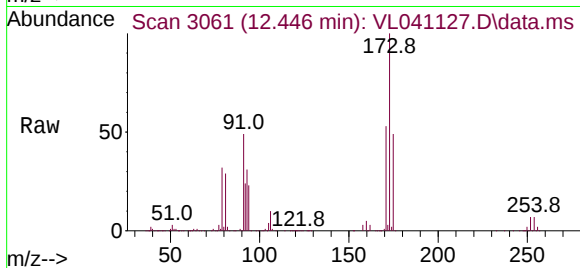
Tgt Ion:173 Resp: 1664331

Ion Ratio Lower Upper

173 100

175 50.5 39.4 59.0

171 53.0 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 10.094 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VL041127.D

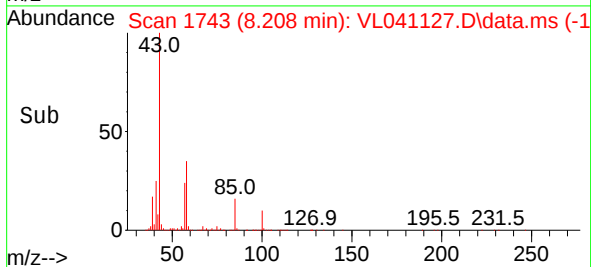
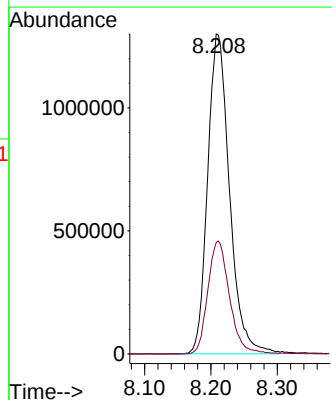
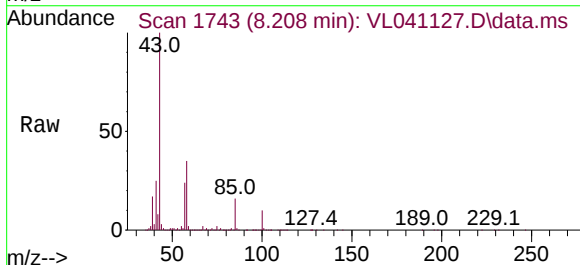
Acq: 4 Apr 2024 14:19

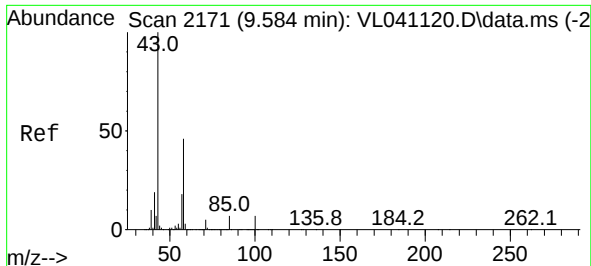
Tgt Ion: 43 Resp: 2972908

Ion Ratio Lower Upper

43 100

58 35.3 27.7 41.5

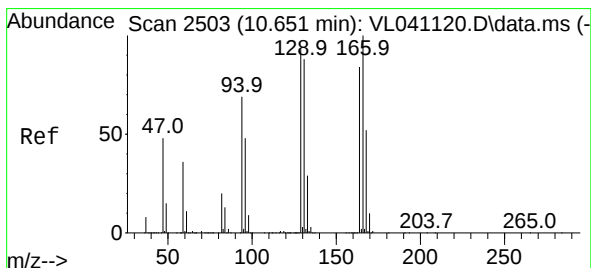
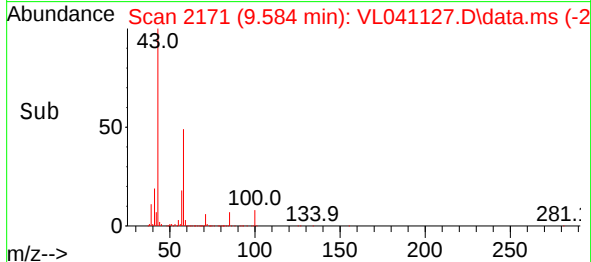
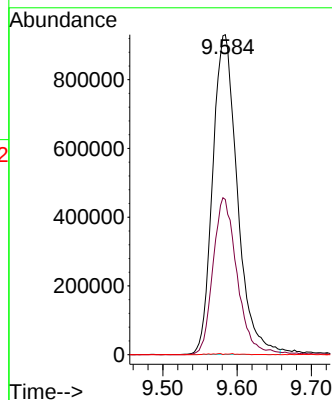
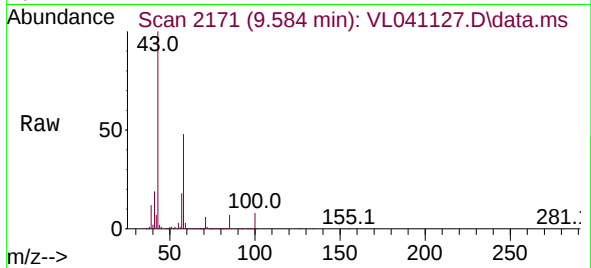




#51
2-Hexanone
Concen: 10.525 ppbv
RT: 9.584 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

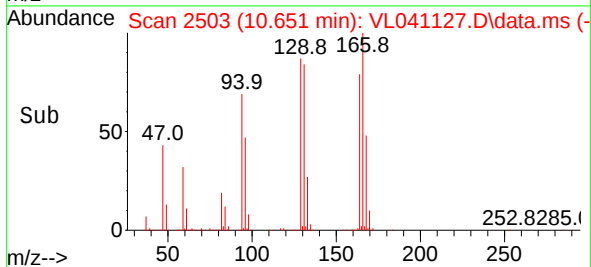
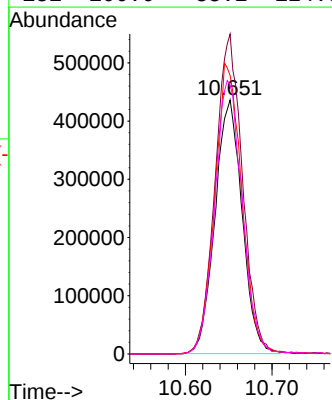
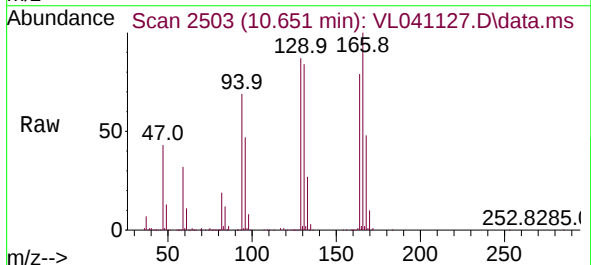
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

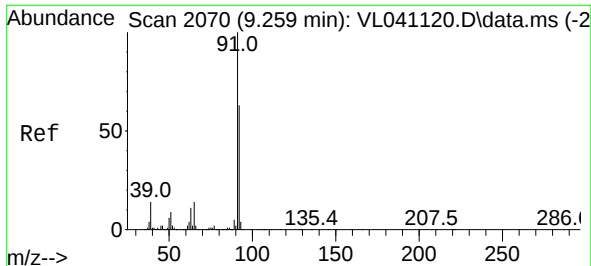
Tgt Ion: 43 Resp: 2149133
Ion Ratio Lower Upper
43 100
58 48.4 37.3 55.9
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.231 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion:164 Resp: 948088
Ion Ratio Lower Upper
164 100
166 126.0 95.0 142.6
129 109.6 88.7 133.1
131 106.0 83.2 124.8





#53

Toluene

Concen: 10.479 ppbv

RT: 9.253 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

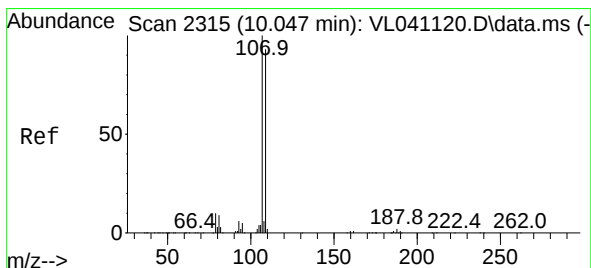
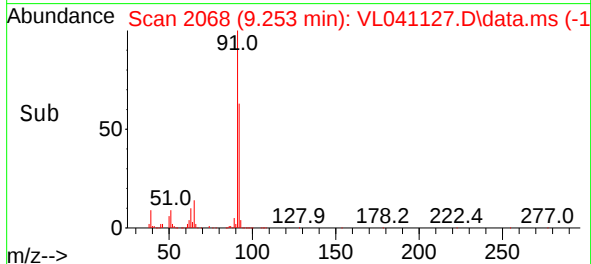
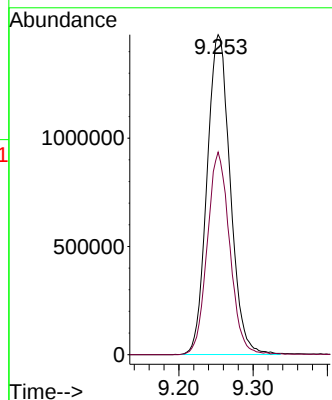
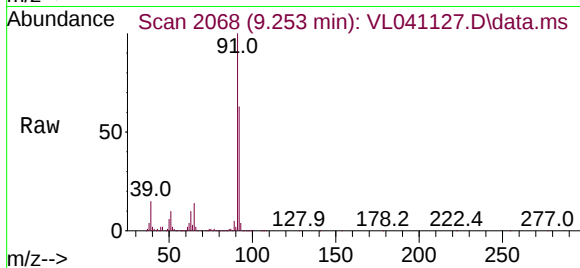
ICVVL040424

Tgt Ion: 91 Resp: 3204511

Ion Ratio Lower Upper

91 100

92 61.5 49.0 73.4



#54

1,2-Dibromoethane

Concen: 10.196 ppbv

RT: 10.044 min Scan# 2314

Delta R.T. -0.003 min

Lab File: VL041127.D

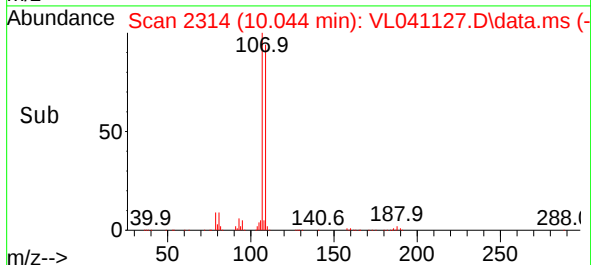
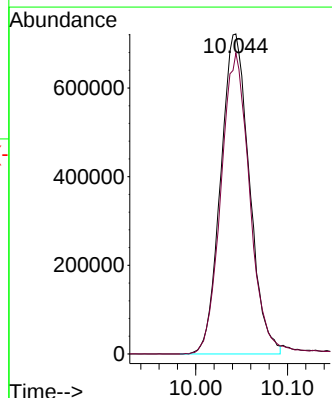
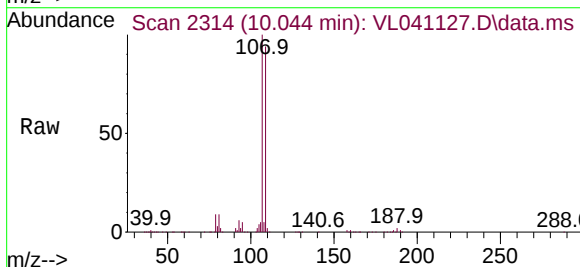
Acq: 4 Apr 2024 14:19

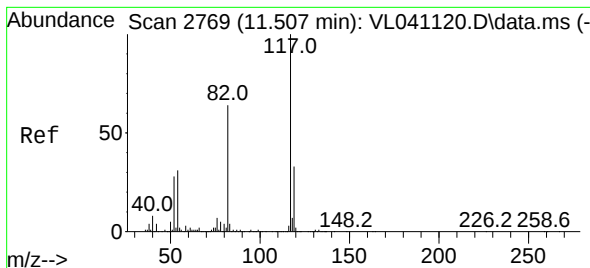
Tgt Ion: 107 Resp: 1573903

Ion Ratio Lower Upper

107 100

109 94.0 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.504 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

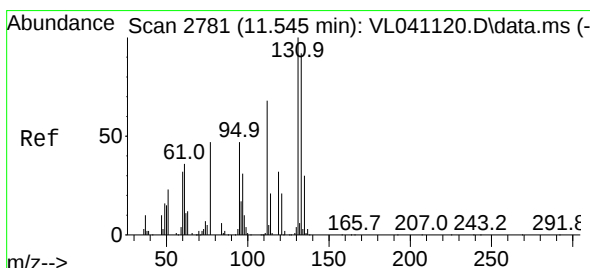
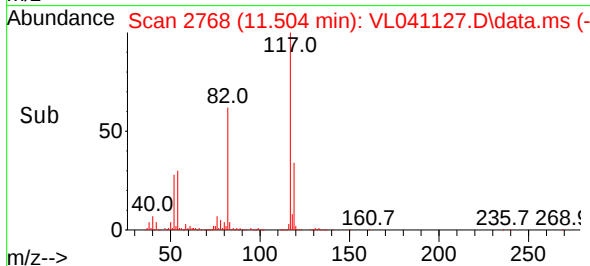
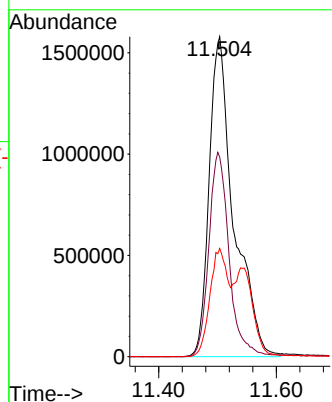
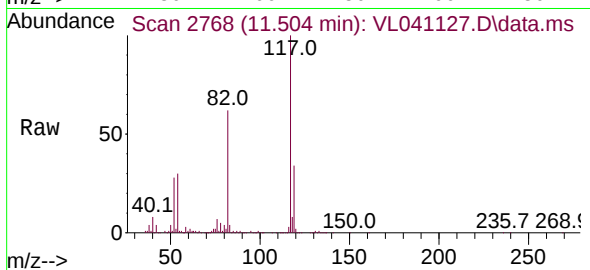
Tgt Ion:117 Resp: 4576558

Ion Ratio Lower Upper

117 100

82 53.1 51.0 76.6

119 25.0 25.2 37.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.941 ppbv

RT: 11.542 min Scan# 2780

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

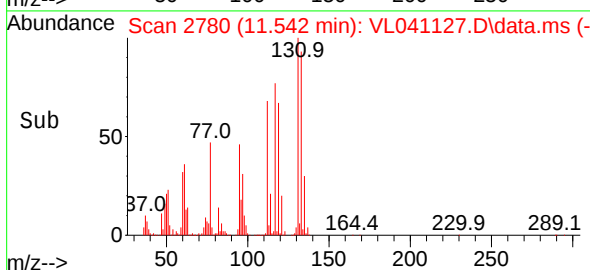
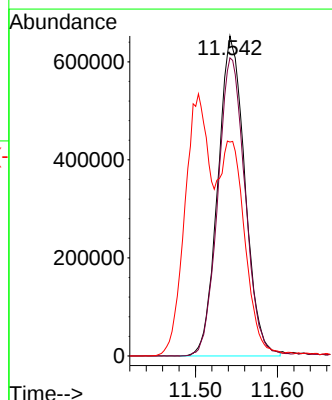
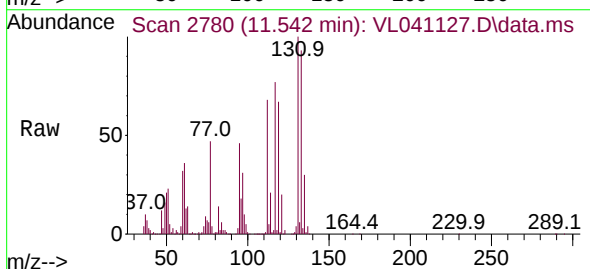
Tgt Ion:131 Resp: 1493527

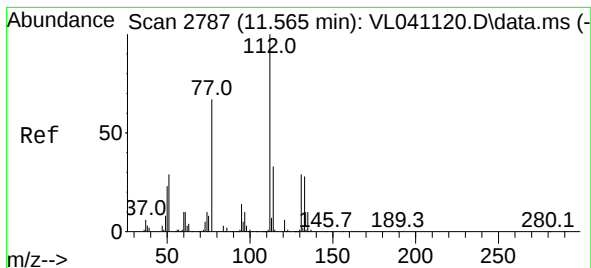
Ion Ratio Lower Upper

131 100

133 94.8 76.6 115.0

119 61.1 49.9 74.9

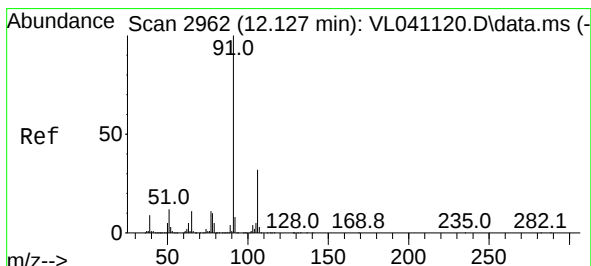
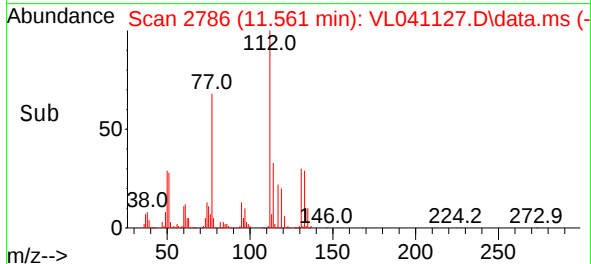
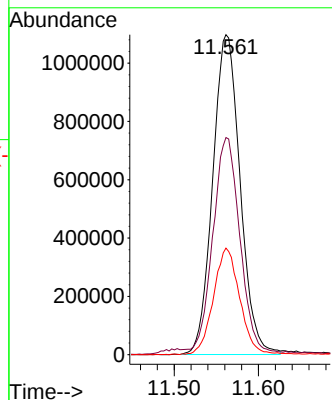
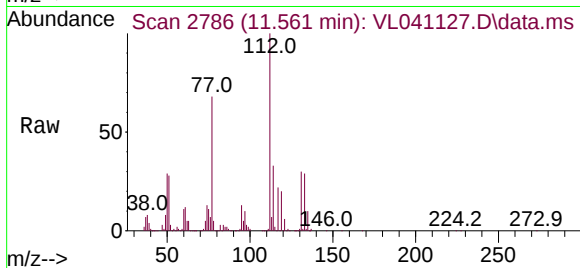




#57
Chlorobenzene
Concen: 7.900 ppbv
RT: 11.561 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

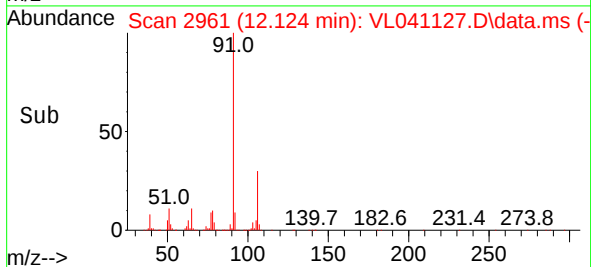
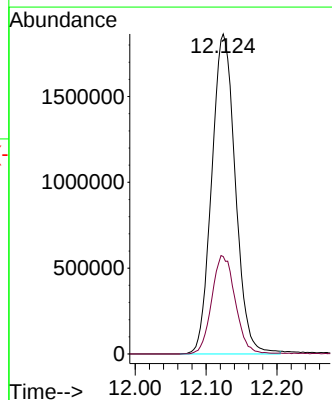
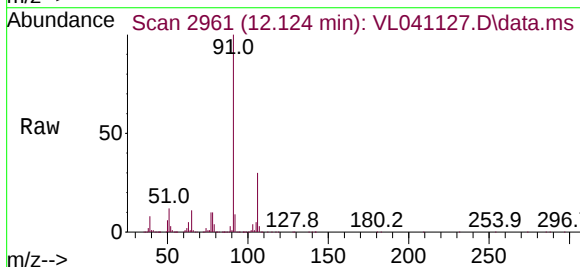
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

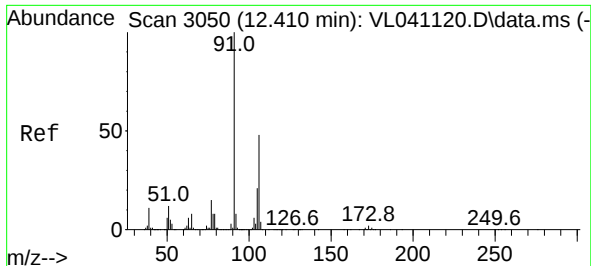
Tgt Ion:112 Resp: 2474800
Ion Ratio Lower Upper
112 100
77 67.0 54.0 81.0
114 33.3 29.3 35.9



#58
Ethyl Benzene
Concen: 8.611 ppbv
RT: 12.124 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 91 Resp: 4314381
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4





#59

m/p-Xylene

Concen: 7.977 ppbv

RT: 12.407 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

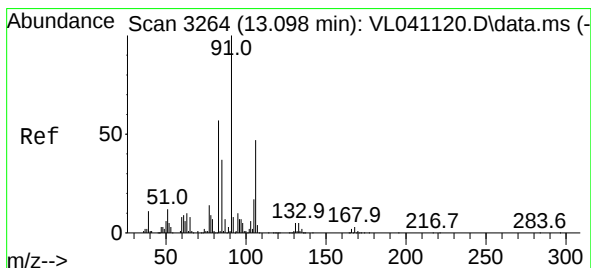
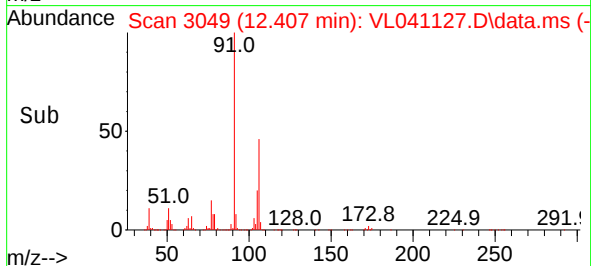
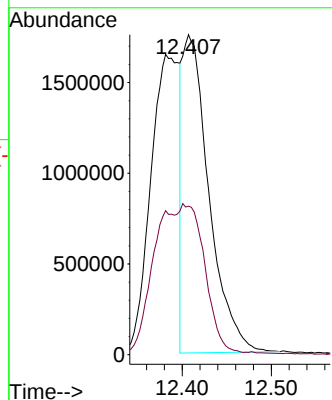
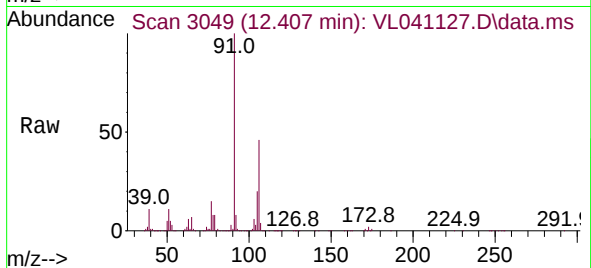
ICVVL040424

Tgt Ion: 91 Resp: 3609650

Ion Ratio Lower Upper

91 100

106 91.0 35.4 53.2#



#60

o-Xylene

Concen: 8.260 ppbv

RT: 13.098 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VL041127.D

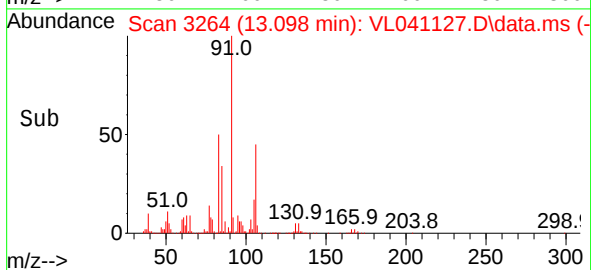
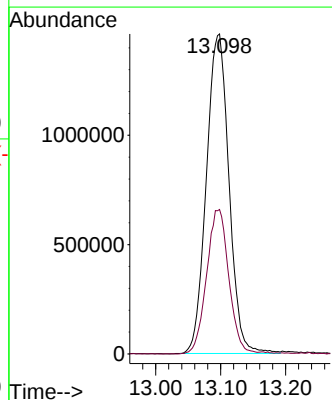
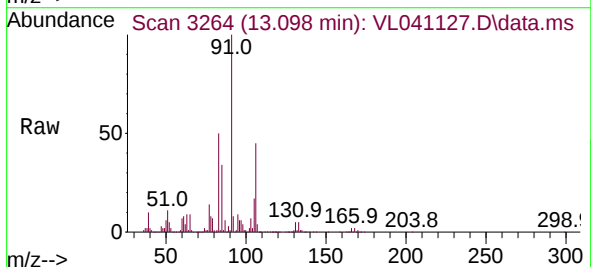
Acq: 4 Apr 2024 14:19

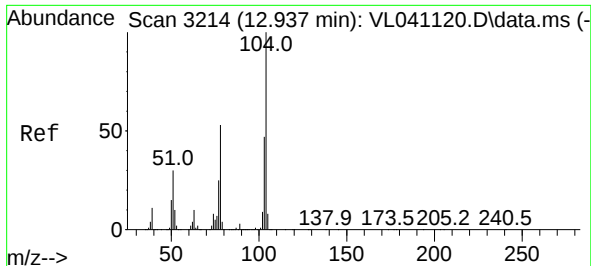
Tgt Ion: 91 Resp: 3541722

Ion Ratio Lower Upper

91 100

106 45.2 22.9 68.5

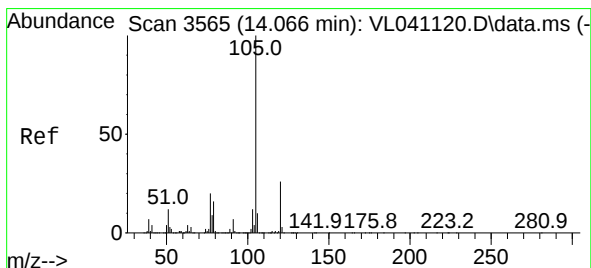
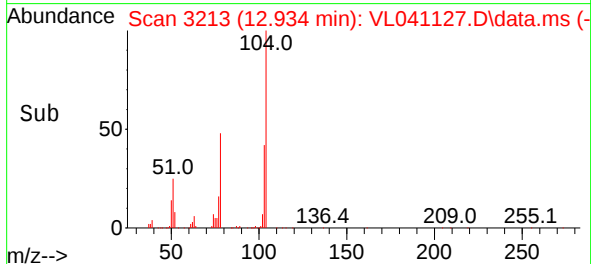
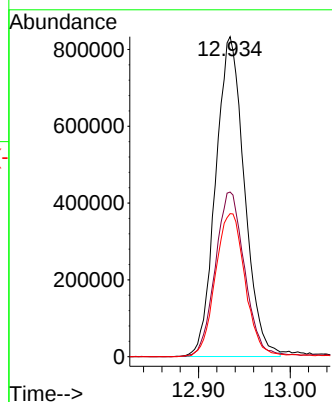
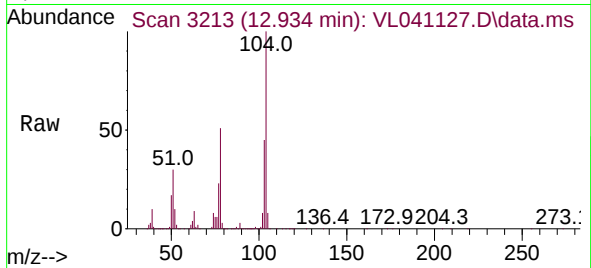




#61
Styrene
Concen: 9.545 ppbv
RT: 12.934 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

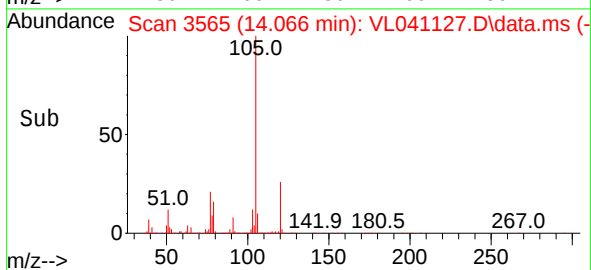
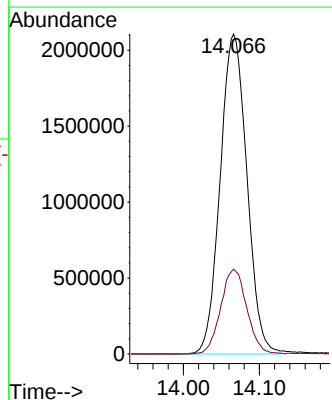
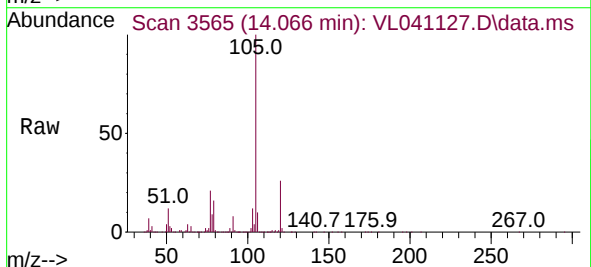
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

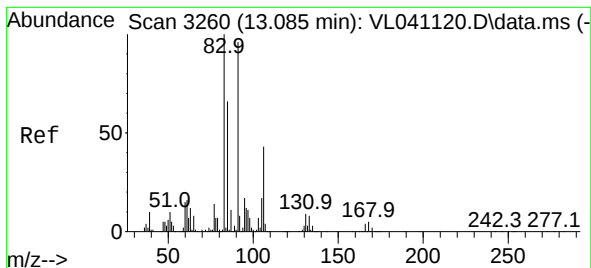
Tgt Ion:104 Resp: 1813453
Ion Ratio Lower Upper
104 100
78 52.9 43.3 64.9
103 47.1 38.2 57.2



#62
Isopropylbenzene
Concen: 8.041 ppbv
RT: 14.066 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion:105 Resp: 5132755
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4





#63

1,1,2,2-Tetrachloroethane

Concen: 7.934 ppbv

RT: 13.085 min Scan# 3260

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

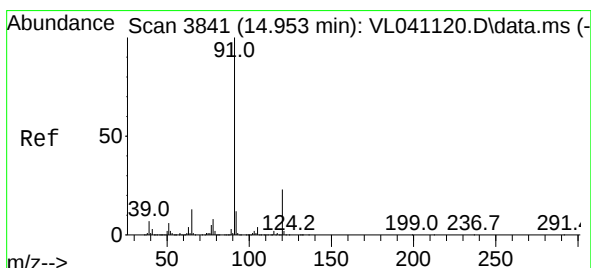
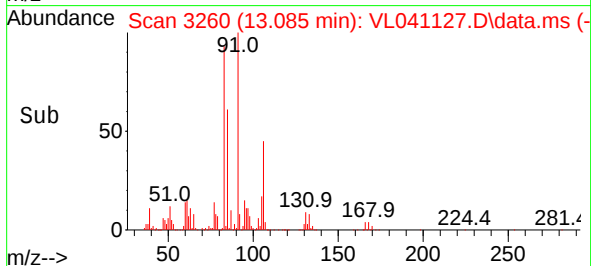
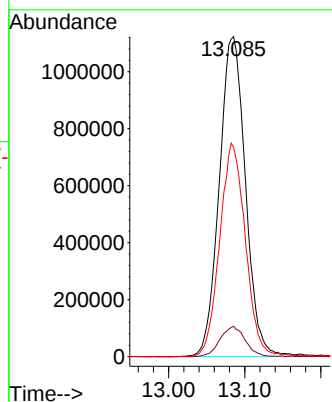
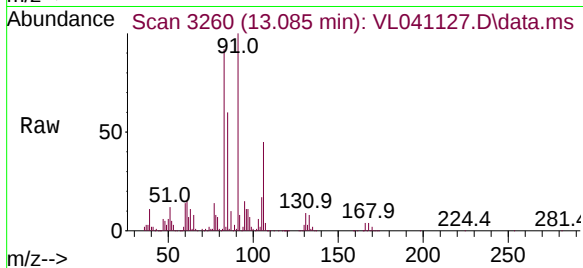
Tgt Ion: 83 Resp: 2672773

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

85 66.2 33.1 99.2



#64

n-propylbenzene

Concen: 8.428 ppbv

RT: 14.954 min Scan# 3841

Delta R.T. 0.000 min

Lab File: VL041127.D

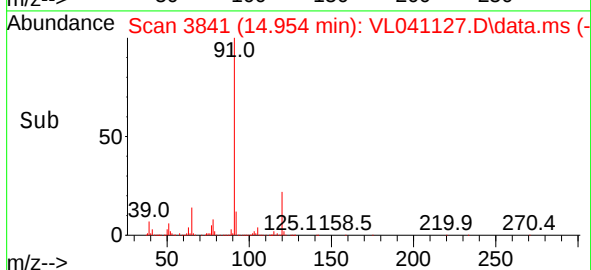
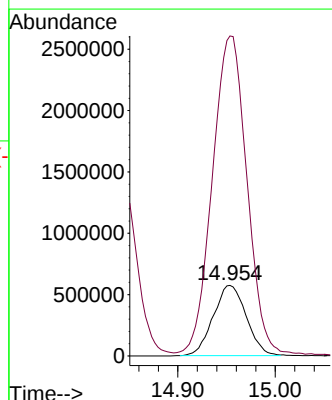
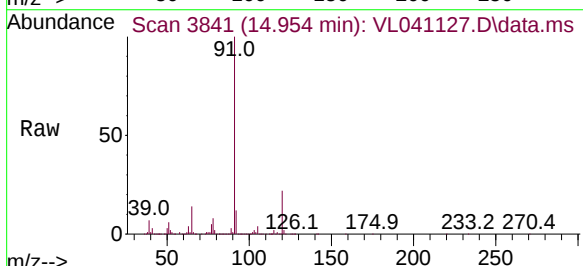
Acq: 4 Apr 2024 14:19

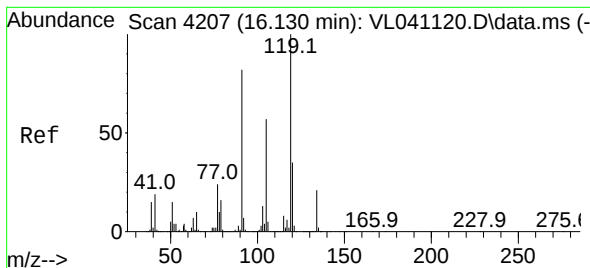
Tgt Ion:120 Resp: 1350130

Ion Ratio Lower Upper

120 100

91 481.6 395.0 592.6

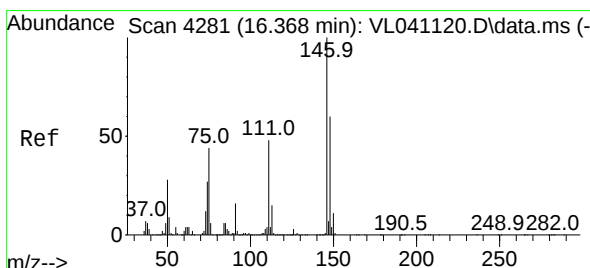
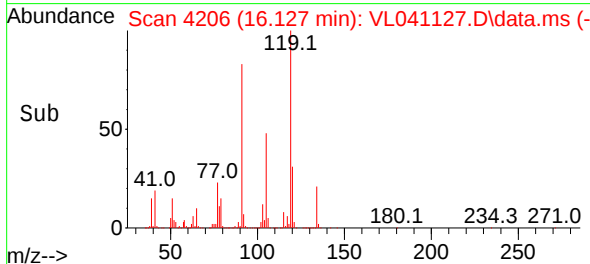
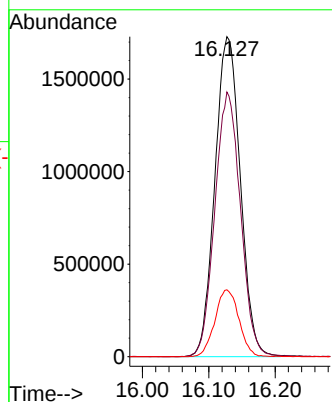
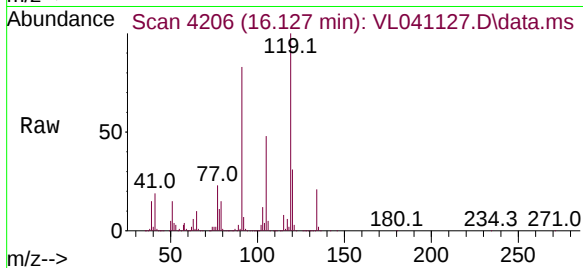




#65
tert-Butylbenzene
Concen: 8.273 ppbv
RT: 16.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

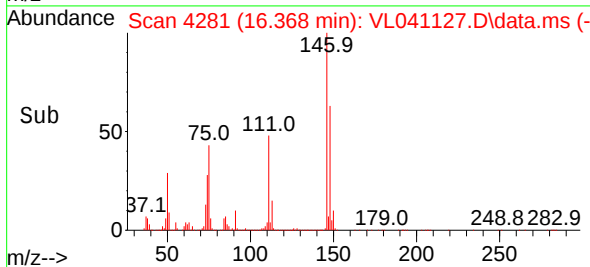
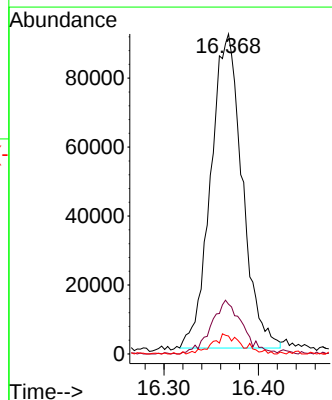
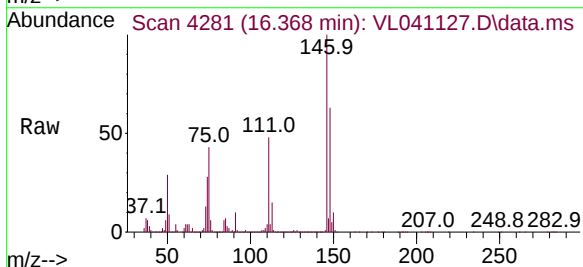
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

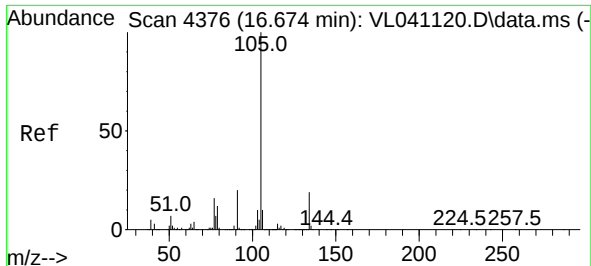
Tgt Ion:119 Resp: 4609910
Ion Ratio Lower Upper
119 100
91 83.6 67.8 101.8
134 19.8 16.0 24.0



#66
Benzyl Chloride
Concen: 5.761 ppbv
RT: 16.368 min Scan# 4281
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 91 Resp: 211216
Ion Ratio Lower Upper
91 100
126 17.4 13.4 20.2
128 6.4 4.3 6.5

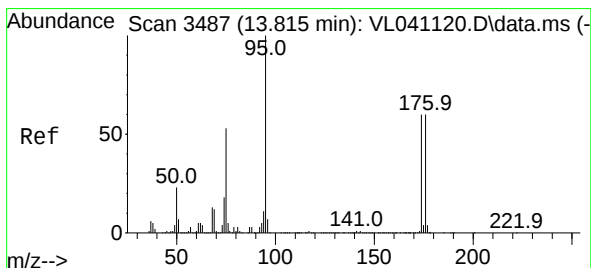
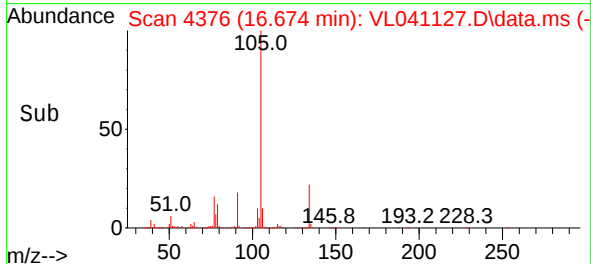
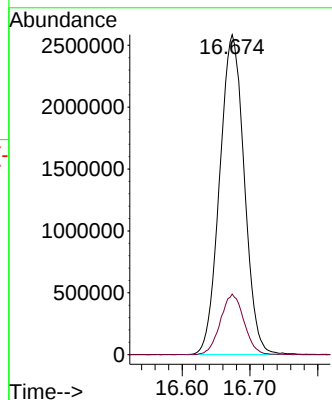
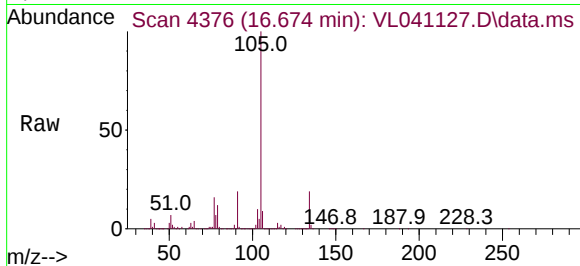




#67
 sec-Butylbenzene
 Concen: 8.086 ppbv
 RT: 16.674 min Scan# 4376
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

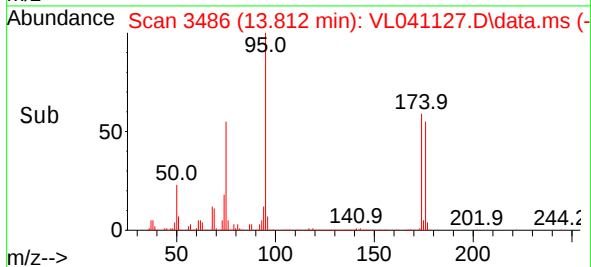
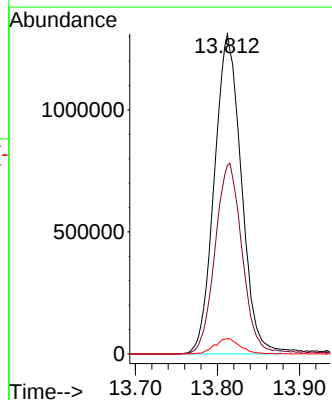
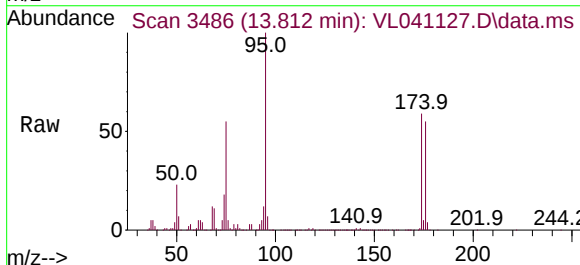
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424

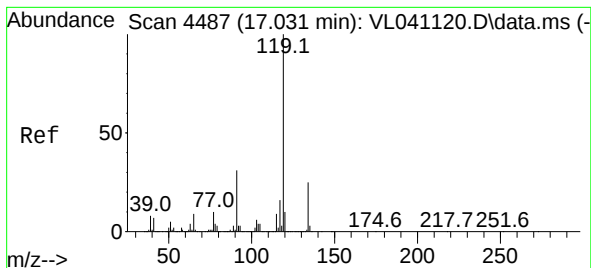
Tgt Ion:105 Resp: 6509926
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.141 ppbv
 RT: 13.812 min Scan# 3486
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

Tgt Ion: 95 Resp: 2996152
 Ion Ratio Lower Upper
 95 100
 174 61.0 49.3 73.9
 175 4.7 3.6 5.4





#69

p-Isopropyltoluene

Concen: 8.474 ppbv

RT: 17.034 min Scan# 4487

Delta R.T. 0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

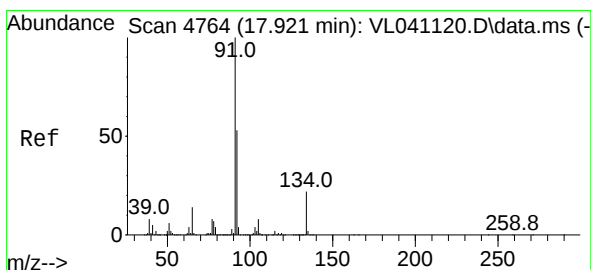
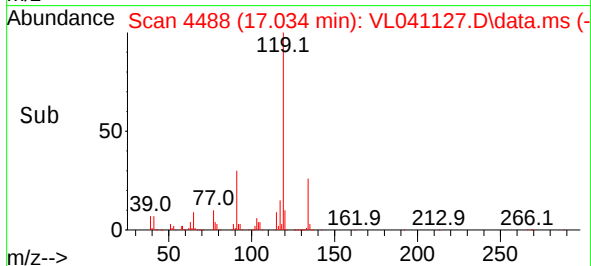
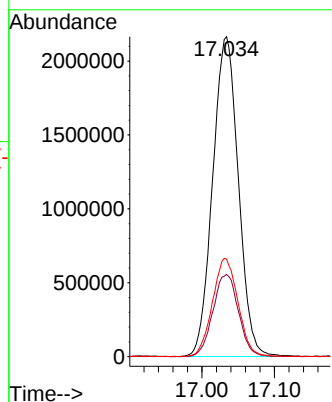
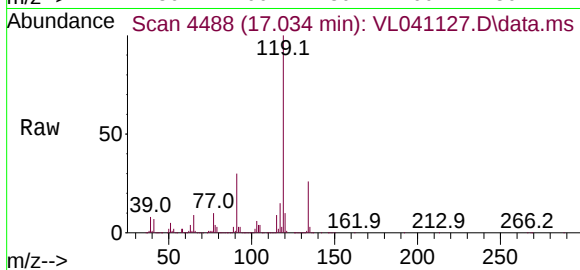
Tgt Ion:119 Resp: 5320064

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

91 30.8 24.8 37.2



#70

n-Butylbenzene

Concen: 8.516 ppbv

RT: 17.924 min Scan# 4765

Delta R.T. 0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

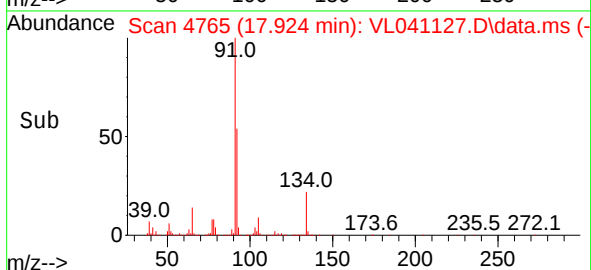
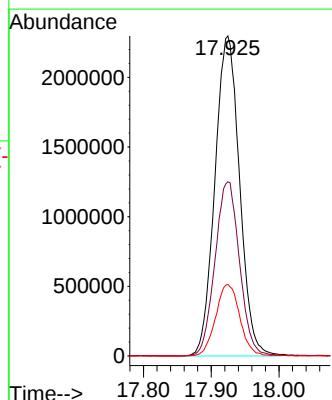
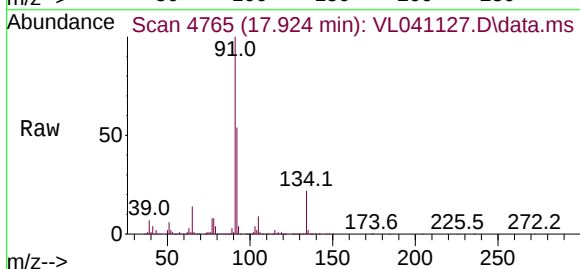
Tgt Ion: 91 Resp: 5807986

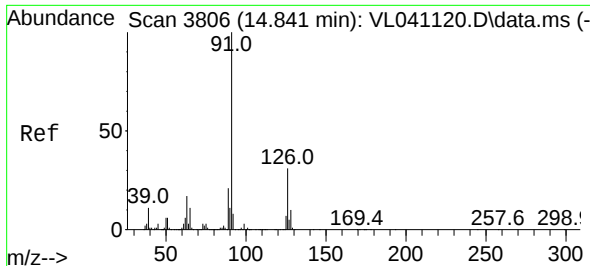
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.0

134 22.0 17.1 25.7

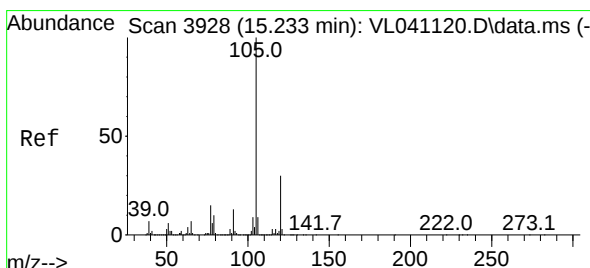
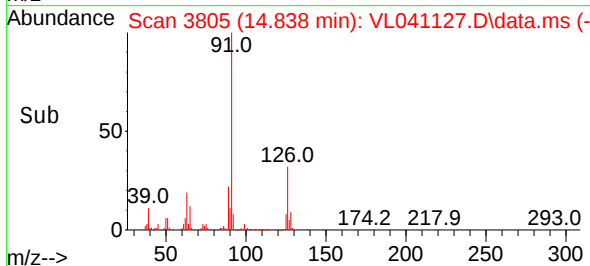
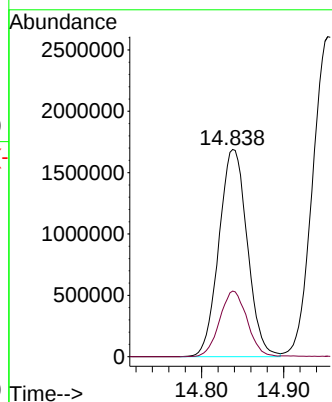
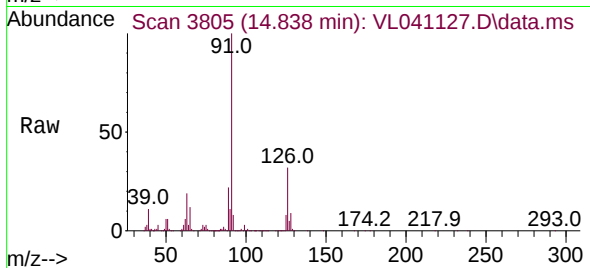




#71
2-Chlorotoluene
Concen: 8.291 ppbv
RT: 14.838 min Scan# 3805
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

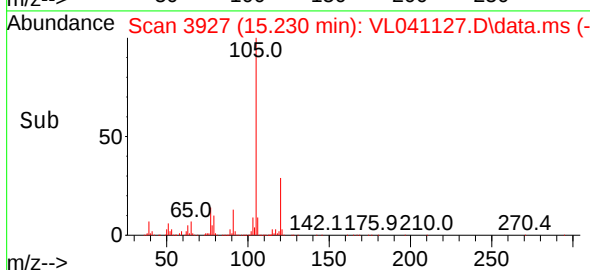
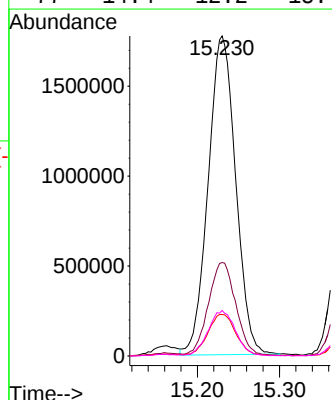
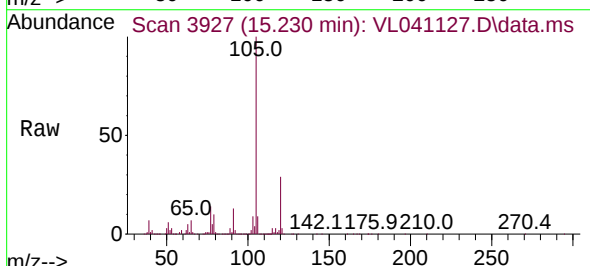
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

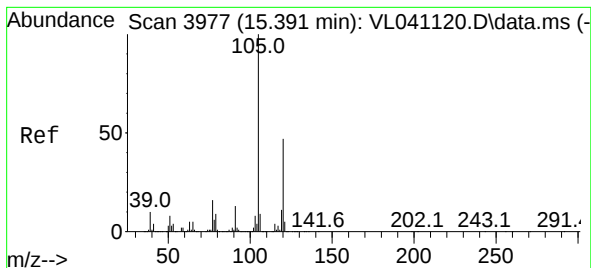
Tgt Ion: 91 Resp: 4058938
Ion Ratio Lower Upper
91 100
126 31.0 12.5 50.1



#72
4-Ethyltoluene
Concen: 8.635 ppbv
RT: 15.230 min Scan# 3927
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion:105 Resp: 4135420
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 13.2 11.2 16.8
77 14.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 8.502 ppbv

RT: 15.388 min Scan# 3976

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

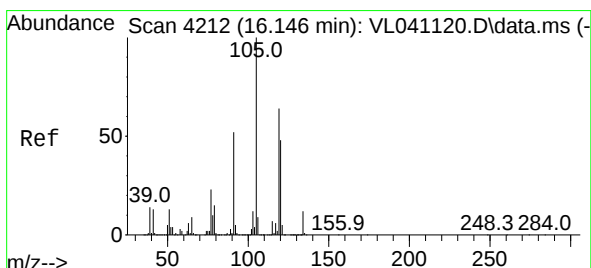
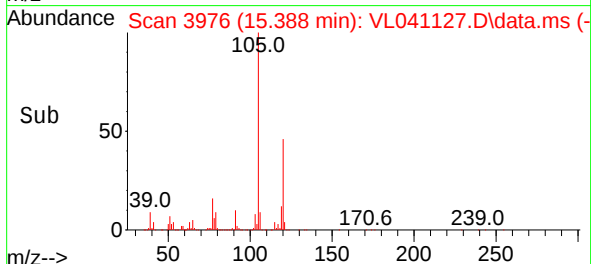
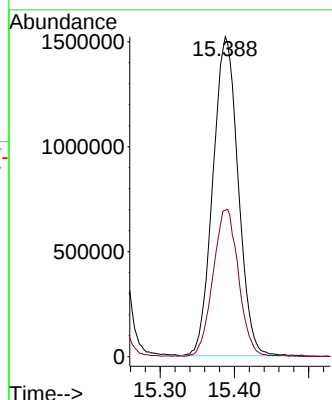
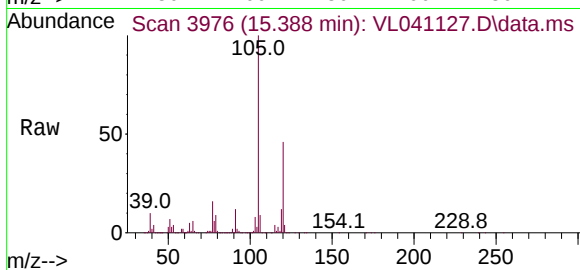
ICVVL040424

Tgt Ion:105 Resp: 3590859

Ion Ratio Lower Upper

105 100

120 45.6 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 8.209 ppbv

RT: 16.146 min Scan# 4212

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion:105 Resp: 3967901

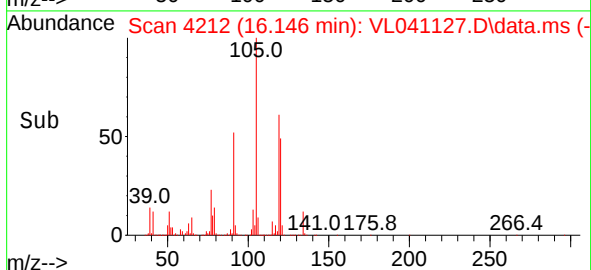
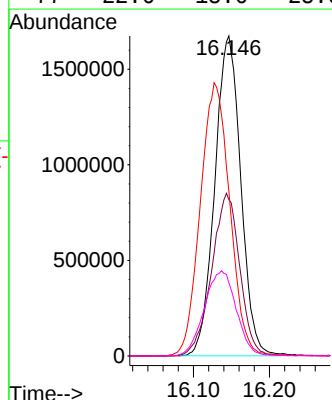
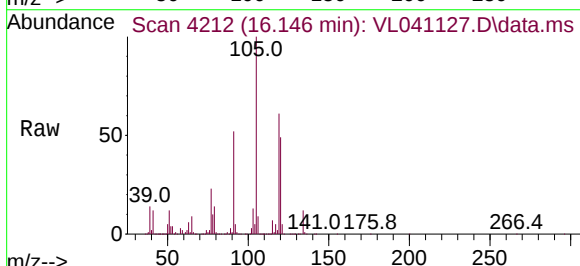
Ion Ratio Lower Upper

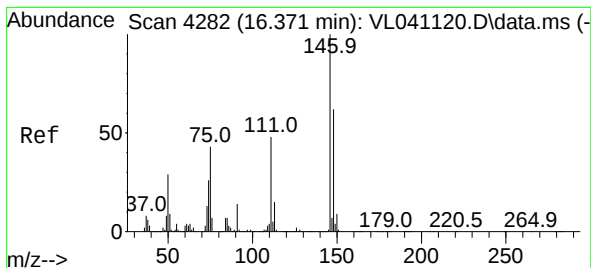
105 100

120 48.7 38.9 58.3

91 51.3 43.0 64.6

77 22.6 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 8.196 ppbv

RT: 16.368 min Scan# 4281

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

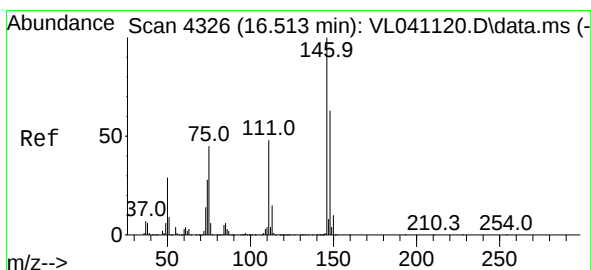
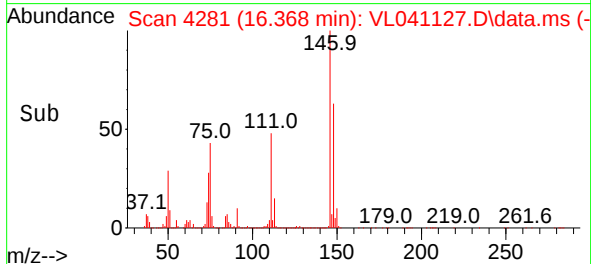
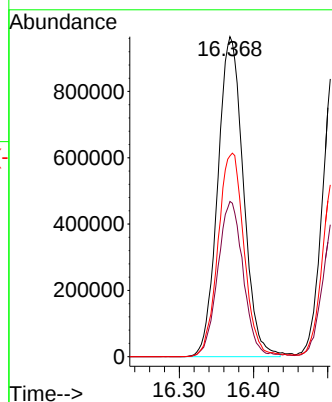
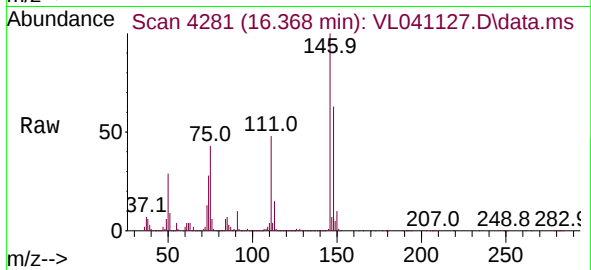
Tgt Ion:146 Resp: 2313113

Ion Ratio Lower Upper

146 100

111 48.6 24.1 72.4

148 64.7 32.0 96.2



#76

1,4-Dichlorobenzene

Concen: 8.303 ppbv

RT: 16.513 min Scan# 4326

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

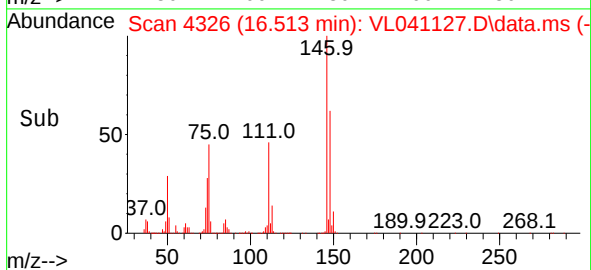
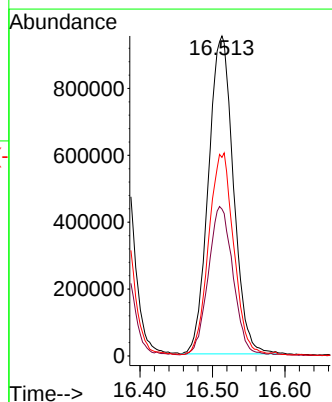
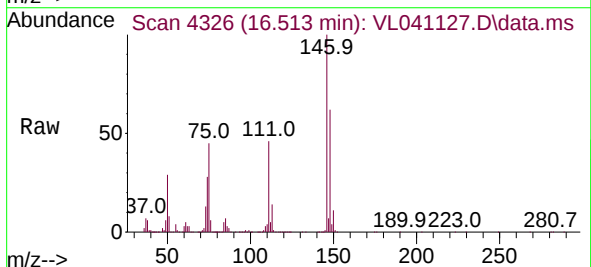
Tgt Ion:146 Resp: 2279139

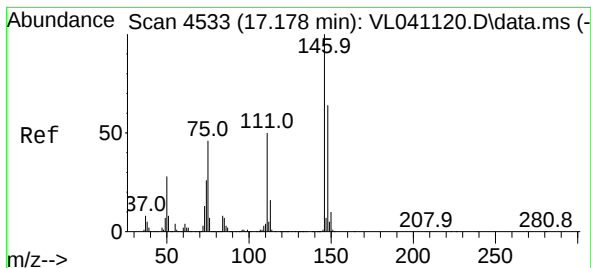
Ion Ratio Lower Upper

146 100

111 47.1 24.1 72.3

148 64.9 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 8.331 ppbv

RT: 17.179 min Scan# 4533

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

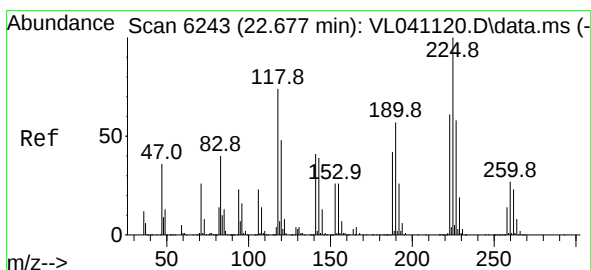
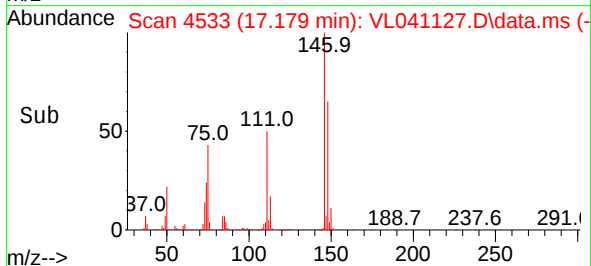
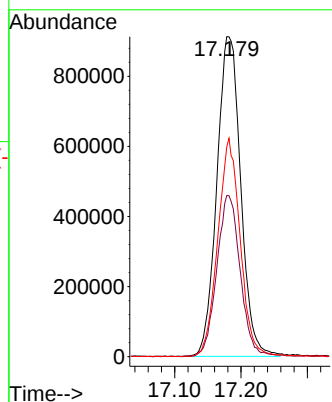
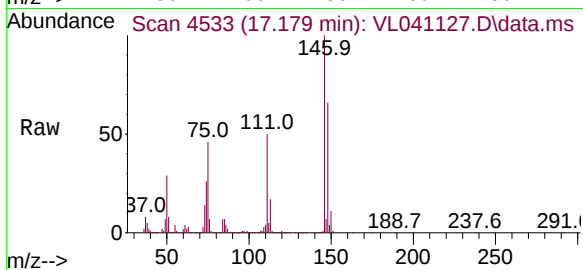
Tgt Ion:146 Resp: 2283004

Ion Ratio Lower Upper

146 100

111 49.8 25.1 75.3

148 64.0 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 7.927 ppbv

RT: 22.677 min Scan# 6243

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

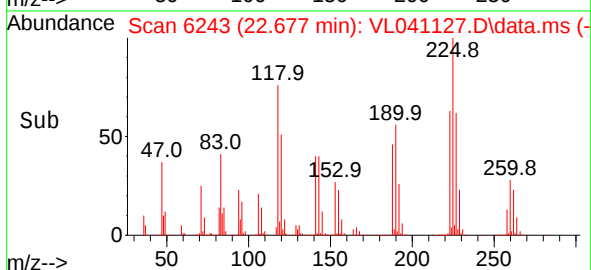
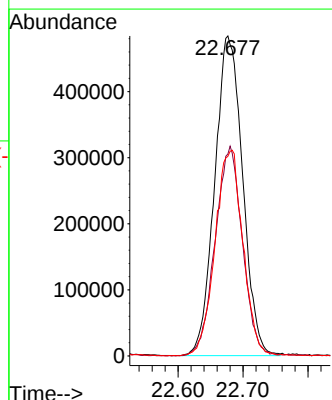
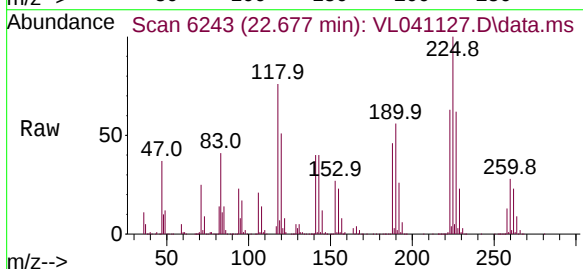
Tgt Ion:225 Resp: 1444164

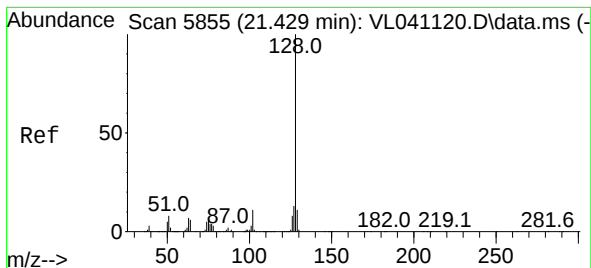
Ion Ratio Lower Upper

225 100

223 64.5 50.9 76.3

227 64.5 51.3 76.9





#79

Naphthalene

Concen: 11.400 ppbv

RT: 21.429 min Scan# 5855

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

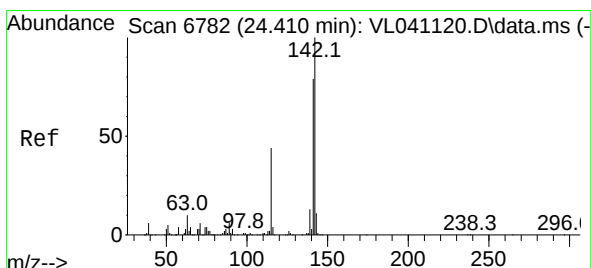
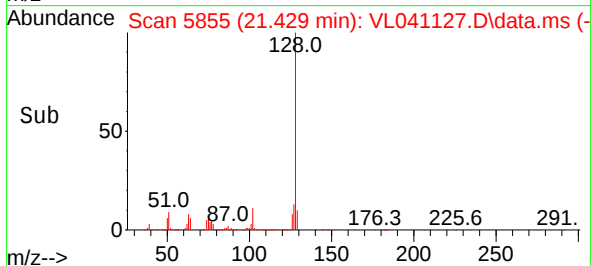
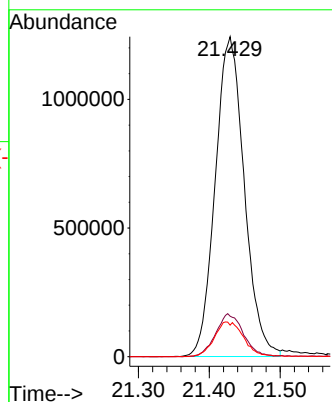
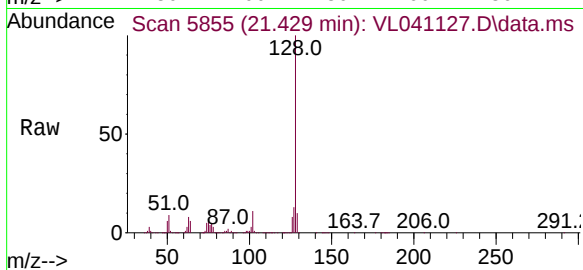
Tgt Ion:128 Resp: 3535036

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 9.8 8.6 12.8



#80

Naphthalene, 2-methyl-

Concen: 12.689 ppbv

RT: 24.410 min Scan# 6782

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

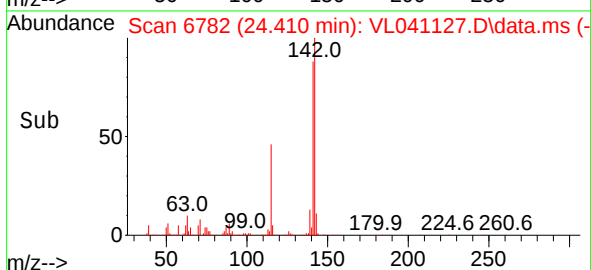
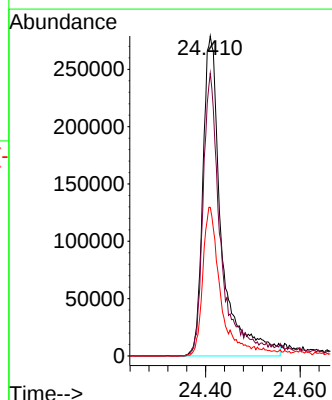
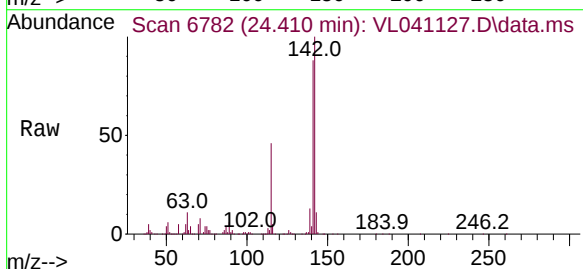
Tgt Ion:142 Resp: 766495

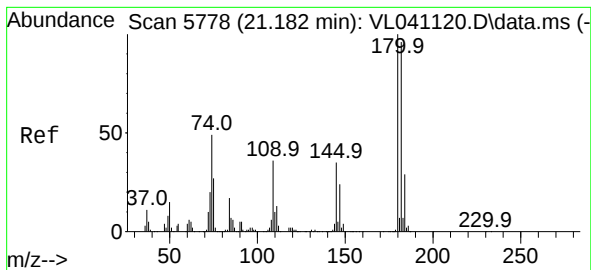
Ion Ratio Lower Upper

142 100

141 89.3 64.4 96.6

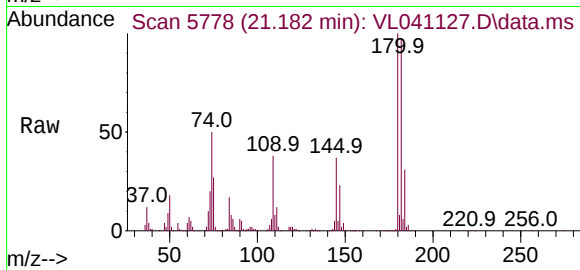
115 45.0 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.779 ppbv
 RT: 21.182 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



Tgt Ion:180 Resp: 1699894

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.4	116.2
184	30.9	24.9	37.3

