

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041086.D
 Acq On : 11 Mar 2024 13:37
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Mar 12 05:51:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 12 05:47:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1407864	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3645410	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	3183531	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2493007	10.016	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	24613	0.092	ppbv #	87
3) Chlorodifluoromethane	2.674	51	18463	0.089	ppbv	96
4) Chloromethane	2.816	50	6245	0.080	ppbv	94
5) Vinyl Chloride	2.922	62	6299	0.079	ppbv #	64
6) Bromomethane	3.124	94	2525	0.080	ppbv #	67
7) Chloroethane	3.195	64	1314	0.047	ppbv	92
8) Dichlorotetrafluoroethane	2.851	85	17251	0.089	ppbv	94
9) Propene	2.693	41	4995	0.073	ppbv #	65
10) Heptane	7.594	43	4816	0.029	ppbv #	1
11) Trichlorofluoromethane	3.568	101	17077	0.083	ppbv #	79
12) 1,1,2-Trichlorotrifluo...	4.073	101	13091	0.086	ppbv	94
13) Ethanol	3.230	45	148	0.008	ppbv #	38
14) Bromoethene	3.388	108	507	0.009	ppbv #	1
15) Acetone	3.462	43	179	0.001	ppbv #	48
16) 1,3-Butadiene	2.976	39	2533	0.034	ppbv #	9
17) tert-Butyl alcohol	3.877	59	71	0.001	ppbv #	70
18) 1,1-Dichloroethene	3.883	96	4790	0.072	ppbv #	40
19) Isopropyl Alcohol	3.571	45	189	0.002	ppbv #	92
20) Methylene Chloride	3.931	84	4897	0.078	ppbv #	81
21) Allyl Chloride	4.005	41	6673	0.074	ppbv #	66
22) trans-1,2-Dichloroethene	4.446	96	3729	0.047	ppbv #	71
23) Vinyl Acetate	4.626	43	809	0.005	ppbv #	1
24) 1,1-Dichloroethane	4.568	63	8281	0.051	ppbv #	93
25) Ethyl Acetate	5.224	43	10386	0.036	ppbv #	63
26) Hexane	5.221	57	6324	0.049	ppbv #	1
27) Carbon Disulfide	4.127	76	10337	0.067	ppbv #	82
28) Methyl tert-Butyl Ether	4.587	73	371	0.003	ppbv #	53
29) Chloroform	5.282	83	17141	0.077	ppbv	84
30) Cyclohexane	6.603	84	1359	0.013	ppbv #	1
31) cis-1,2-Dichloroethene	5.082	61	6554	0.052	ppbv #	92
32) 1,1,1-Trichloroethane	6.008	97	11691	0.059	ppbv #	67
34) 2-Butanone	4.774	43	124	0.001	ppbv #	54
35) Carbon Tetrachloride	6.500	117	14623	0.069	ppbv #	66
36) Benzene	6.372	78	15538	0.057	ppbv #	72
37) 1,2-Dichloroethane	5.812	62	4009	0.025	ppbv #	83
38) Trichloroethene	7.307	130	2349	0.023	ppbv #	44
39) 1,2-Dichloropropane	6.713	63	9948	0.092	ppbv #	15
40) 1,4-Dioxane	7.327	88	90	0.002	ppbv #	1
41) Tetrahydrofuran	5.578	42	85	0.001	ppbv #	37
42) Bromodichloromethane	7.246	83	4219	0.018	ppbv	96
43) Methyl Methacrylate	7.487	69	1366	0.013	ppbv #	1
44) 2,2,4-Trimethylpentane	7.336	57	12738	0.028	ppbv #	41
45) t-1,3-Dichloropropene	8.738	75	994	0.014	ppbv	95

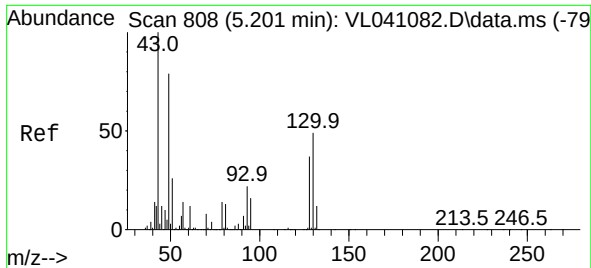
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041086.D
 Acq On : 11 Mar 2024 13:37
 Operator : SY/MD
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 ClientSampleId :
 VSTDICC0.1

Quant Time: Mar 12 05:51:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 12 05:47:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	2758	0.030	ppbv	92
47) 1,1,2-Trichloroethane	8.909	97	3832	0.033	ppbv #	58
48) Dibromochloromethane	9.725	129	4039	0.021	ppbv #	1
49) Bromoform	12.426	173	3783	0.025	ppbv #	21
50) 4-Methyl-2-Pentanone	8.195	43	218	0.001	ppbv #	39
51) 2-Hexanone	9.568	43	58	0.000	ppbv #	31
52) Tetrachloroethene	10.622	164	2241	0.027	ppbv #	55
53) Toluene	9.233	91	7127	0.024	ppbv #	8
54) 1,2-Dibromoethane	10.034	107	4395	0.030	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.526	131	1425	0.010	ppbv #	9
57) Chlorobenzene	11.539	112	6579	0.029	ppbv #	31
58) Ethyl Benzene	12.349	91	2755	0.007	ppbv	99
59) m/p-Xylene	12.375	91	4216	0.013	ppbv #	1
60) o-Xylene	13.079	91	6884	0.022	ppbv #	22
61) Styrene	12.912	104	1526	0.011	ppbv #	1
62) Isopropylbenzene	14.053	105	25339	0.055	ppbv	91
63) 1,1,2,2-Tetrachloroethane	13.063	83	6424	0.027	ppbv #	19
64) n-propylbenzene	14.934	120	1657	0.014	ppbv #	1
65) tert-Butylbenzene	16.111	119	13330	0.033	ppbv #	46
66) Benzyl Chloride	16.339	91	249	0.009	ppbv #	66
67) sec-Butylbenzene	16.645	105	7999	0.014	ppbv #	59
69) p-Isopropyltoluene	17.008	119	3922	0.009	ppbv #	46
70) n-Butylbenzene	17.902	91	4265	0.009	ppbv #	33
71) 2-Chlorotoluene	14.815	91	3068	0.009	ppbv #	44
72) 4-Ethyltoluene	15.201	105	3513	0.010	ppbv #	14
73) 1,3,5-Trimethylbenzene	15.365	105	3662	0.012	ppbv #	29
74) 1,2,4-Trimethylbenzene	16.124	105	3160	0.009	ppbv #	81
75) 1,3-Dichlorobenzene	16.342	146	5061	0.026	ppbv #	22
76) 1,4-Dichlorobenzene	16.481	146	3600	0.018	ppbv #	22
77) 1,2-Dichlorobenzene	17.162	146	4292	0.022	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.651	225	5476	0.040	ppbv #	10
79) Naphthalene	21.394	128	433	0.002	ppbv #	9
80) Naphthalene,2-methyl-	24.461	142	140	0.005	ppbv #	5
81) 1,2,4-Trichlorobenzene	21.156	180	718	0.006	ppbv #	1

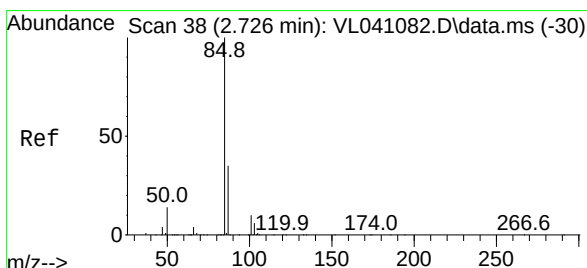
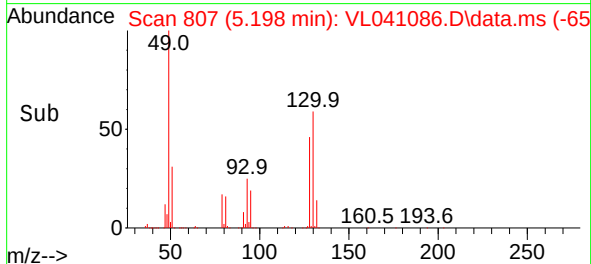
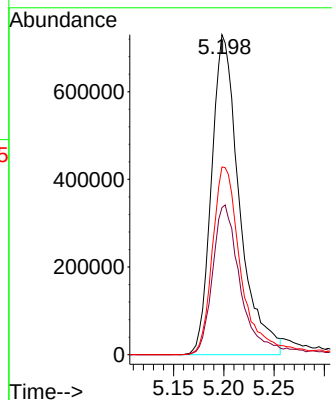
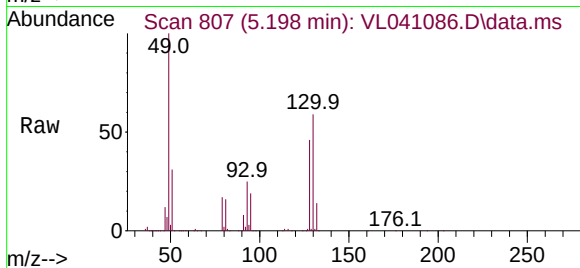
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

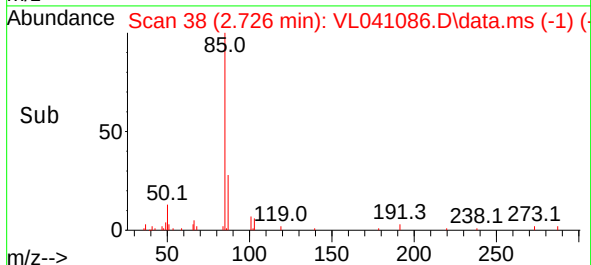
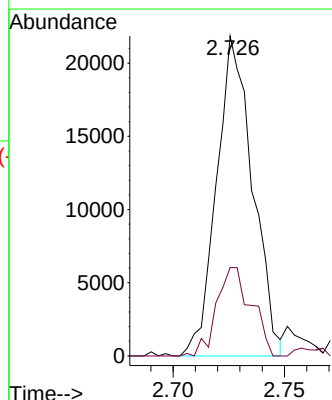
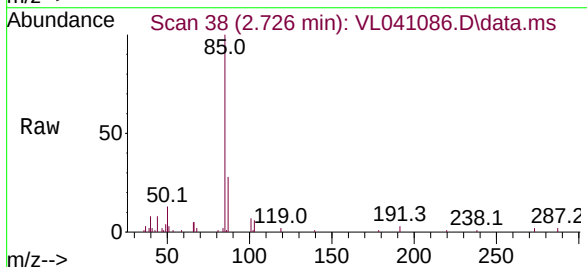
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MSVOA_1
ClientSampleId :
VSTDIC0.1

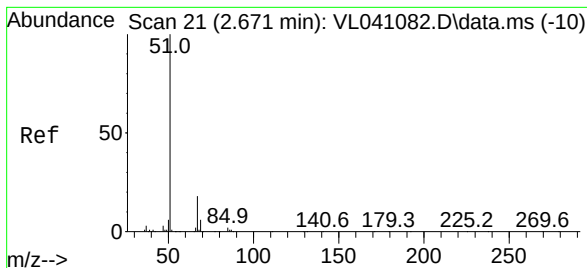
Tgt Ion: 49 Resp: 1407864
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.5
130 63.2 30.3 90.9



#2
Dichlorodifluoromethane
Concen: 0.092 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 85 Resp: 24613
Ion Ratio Lower Upper
85 100
87 27.6 28.1 42.1#





#3

Chlorodifluoromethane

Concen: 0.089 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

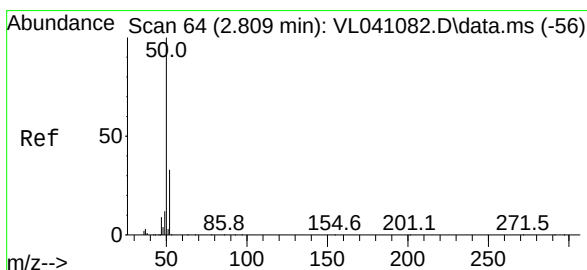
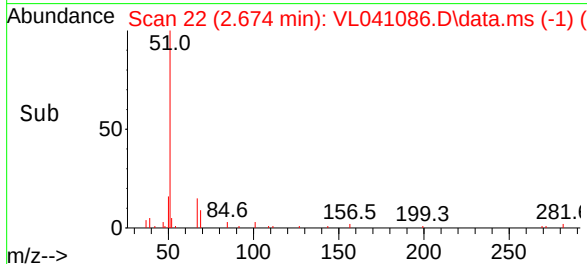
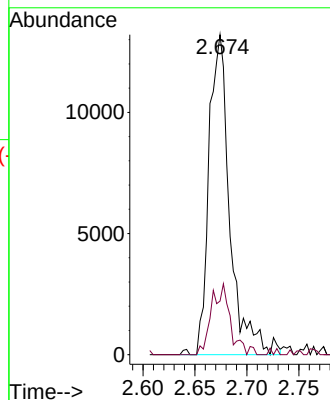
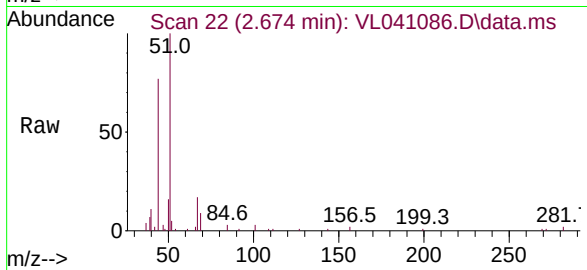
VSTDICC0.1

Tgt Ion: 51 Resp: 18463

Ion Ratio Lower Upper

51 100

67 20.1 14.5 21.7



#4

Chloromethane

Concen: 0.080 ppbv

RT: 2.816 min Scan# 66

Delta R.T. 0.006 min

Lab File: VL041086.D

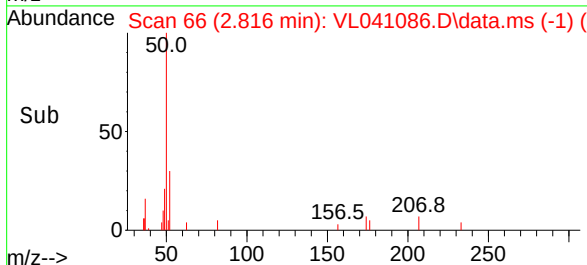
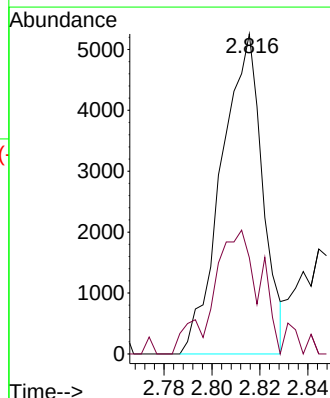
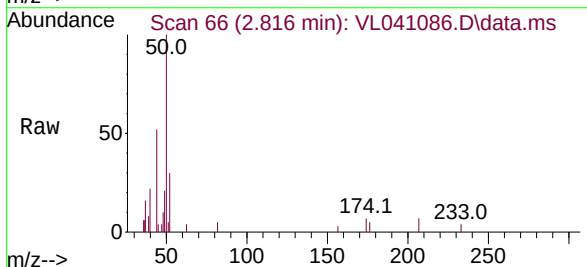
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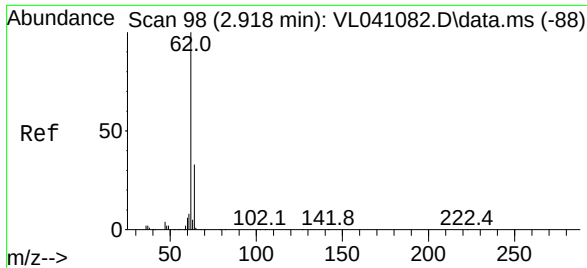
Tgt Ion: 50 Resp: 6245

Ion Ratio Lower Upper

50 100

52 30.1 26.6 40.0

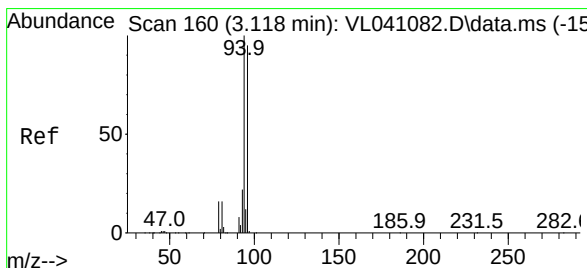
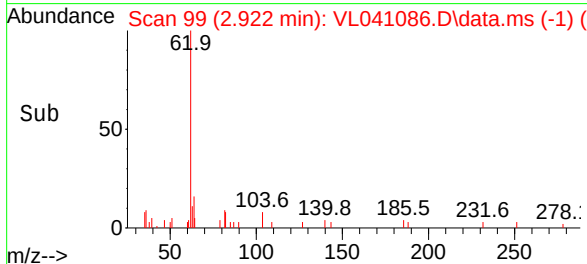
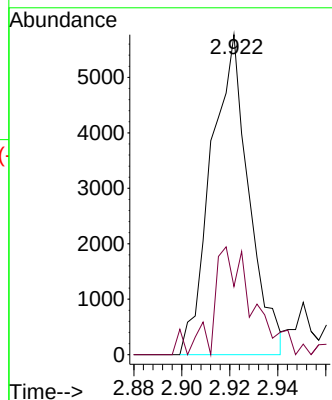
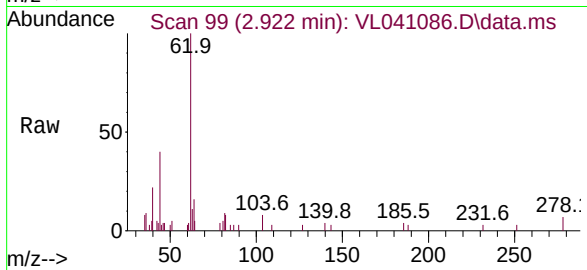




#5
Vinyl Chloride
Concen: 0.079 ppbv
RT: 2.922 min Scan# 94
Delta R.T. 0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

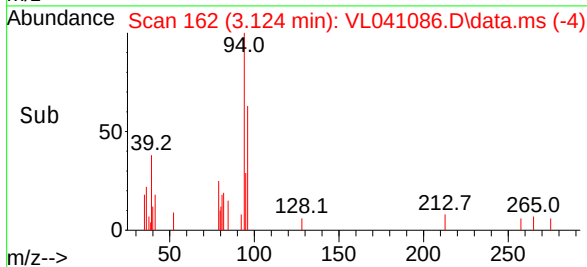
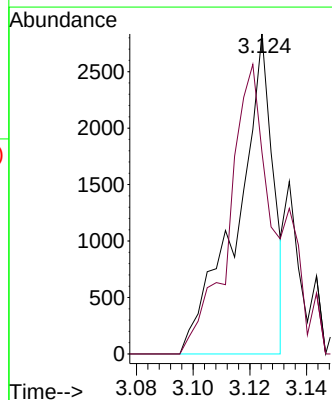
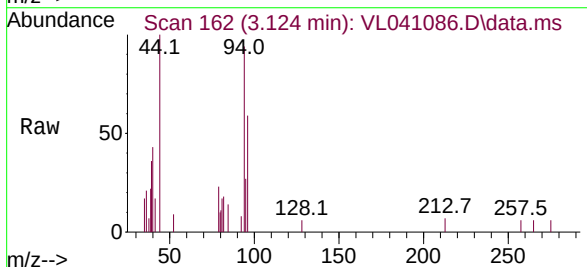
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MSVOA_1
ClientSampleId :
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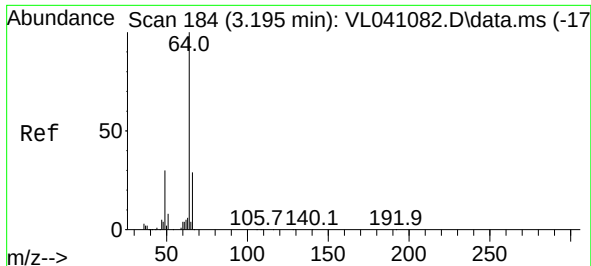
Tgt Ion: 62 Resp: 6299
Ion Ratio Lower Upper
62 100
64 12.9 26.5 39.7#



#6
Bromomethane
Concen: 0.080 ppbv
RT: 3.124 min Scan# 162
Delta R.T. 0.006 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 94 Resp: 2525
Ion Ratio Lower Upper
94 100
96 63.1 76.0 114.0#

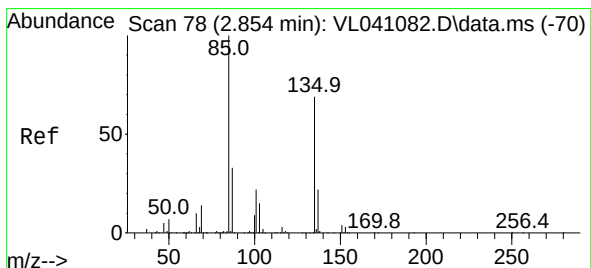
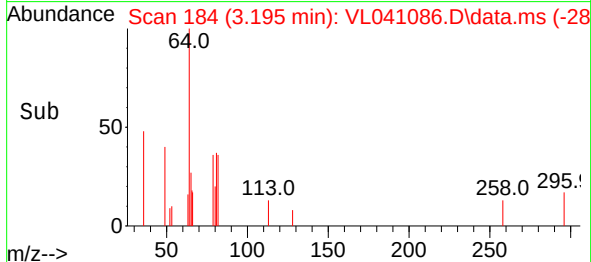
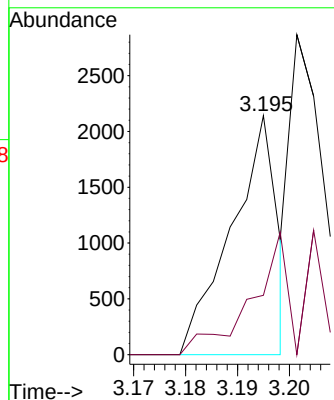
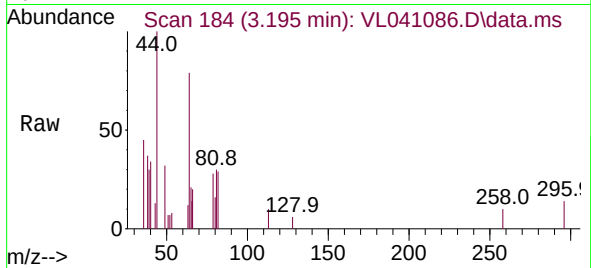




#7
Chloroethane
Concen: 0.047 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

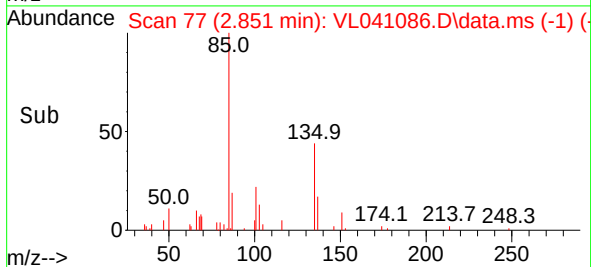
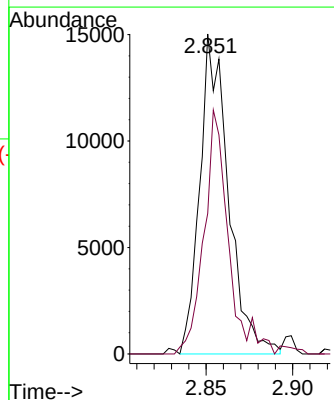
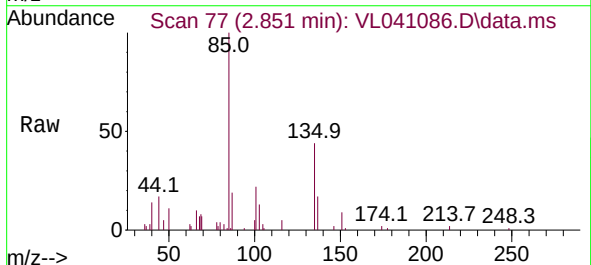
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MSVOA_L
ClientSampleId :
VSTDICC0.1

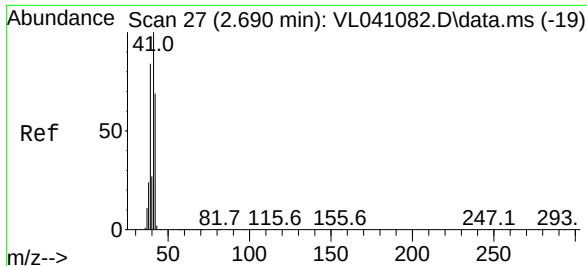
Tgt Ion: 64 Resp: 1314
Ion Ratio Lower Upper
64 100
66 24.8 23.2 34.8



#8
Dichlorotetrafluoroethane
Concen: 0.089 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 85 Resp: 17251
Ion Ratio Lower Upper
85 100
135 66.2 56.7 85.1

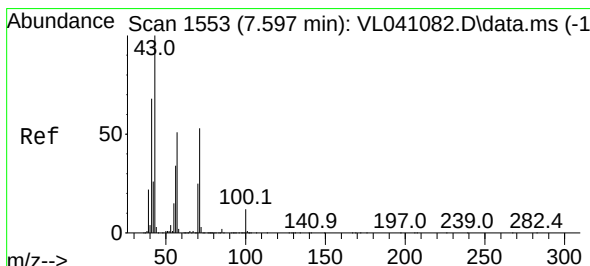
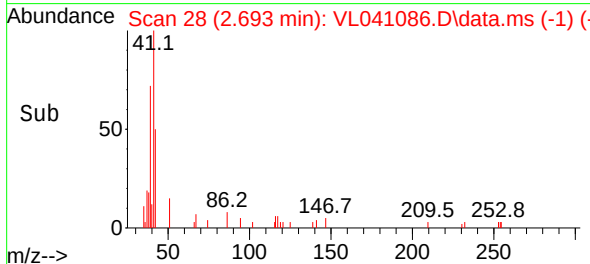
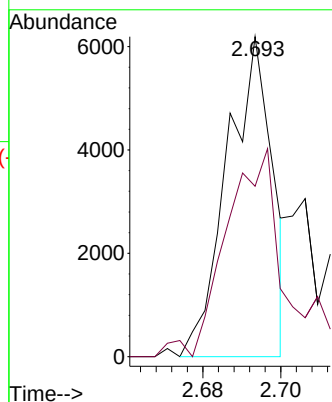
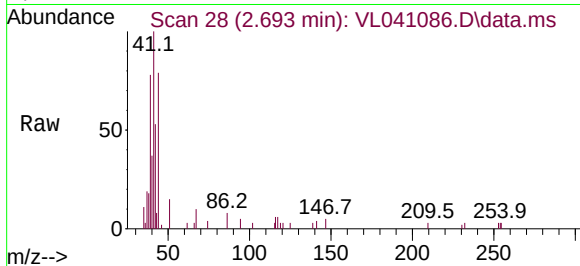




#9
Propene
Concen: 0.073 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

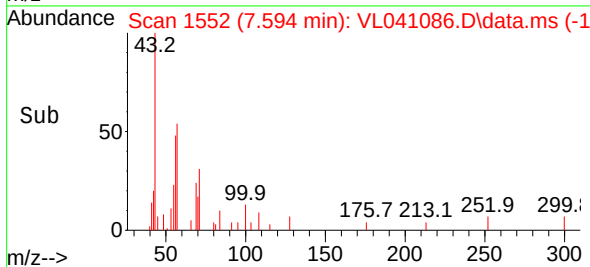
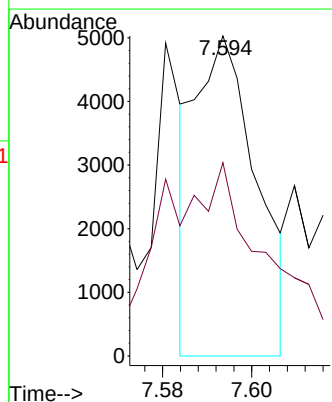
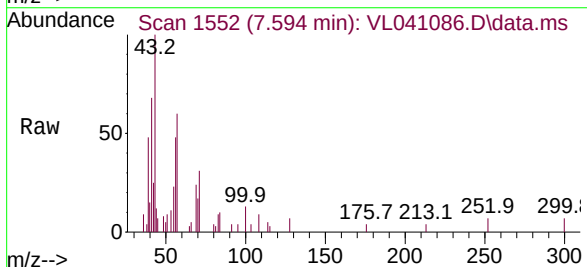
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MSVOA_1
ClientSampleId :
VSTDIC0.1

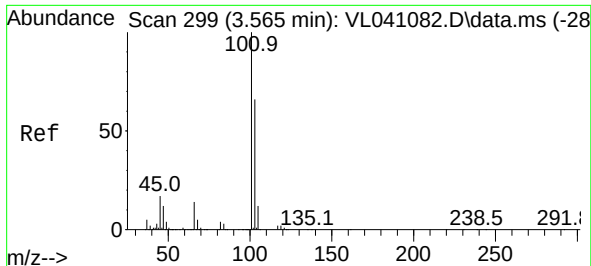
Tgt Ion: 41 Resp: 4995
Ion Ratio Lower Upper
41 100
42 98.5 55.9 83.9#



#10
Heptane
Concen: 0.029 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 43 Resp: 4816
Ion Ratio Lower Upper
43 100
57 127.9 41.0 61.6#





#11

Trichlorofluoromethane

Concen: 0.083 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

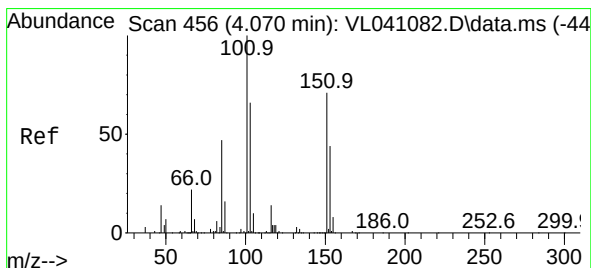
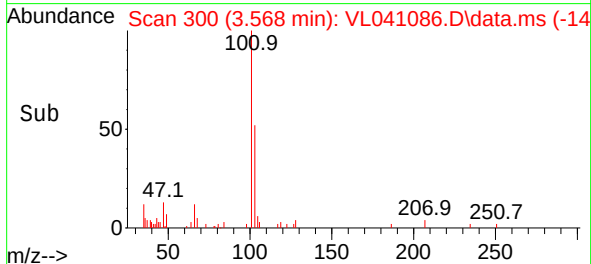
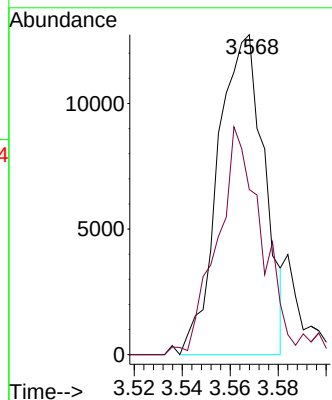
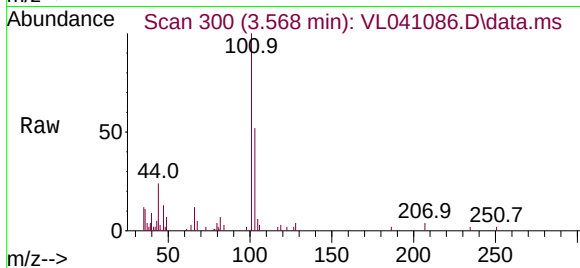
VSTDIC0.1

Tgt Ion:101 Resp: 17077

Ion Ratio Lower Upper

101 100

103 49.4 53.0 79.4#



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.086 ppbv

RT: 4.073 min Scan# 457

Delta R.T. 0.003 min

Lab File: VL041086.D

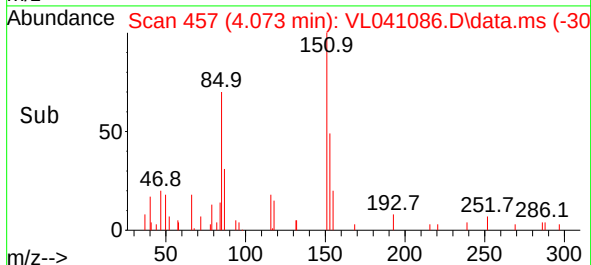
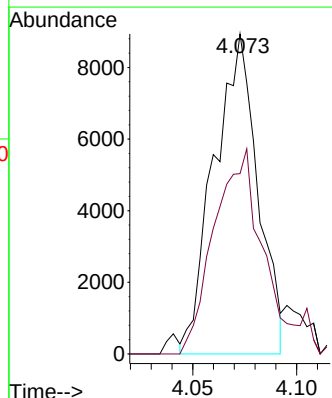
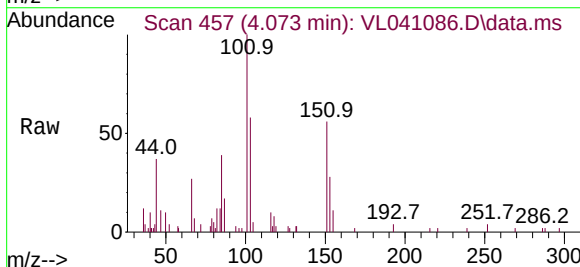
Acq: 11 Mar 2024 13:37

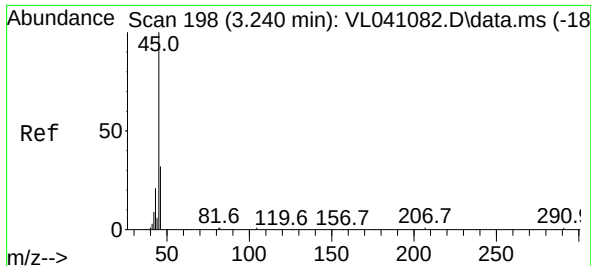
Tgt Ion:101 Resp: 13091

Ion Ratio Lower Upper

101 100

151 74.7 55.8 83.8





#13

Ethanol

Concen: 0.008 ppbv

RT: 3.230 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

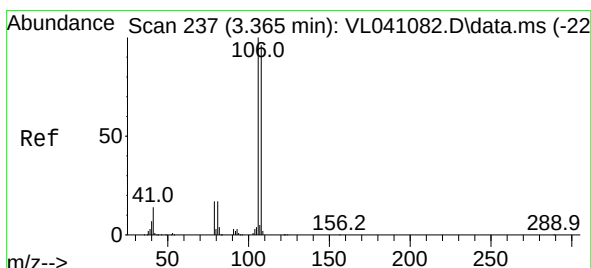
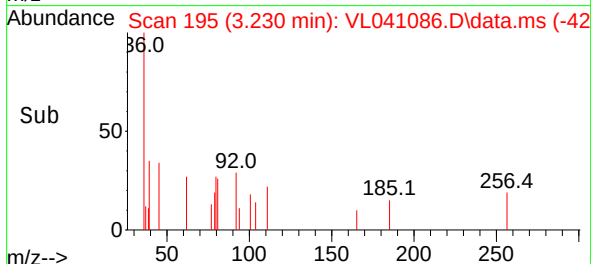
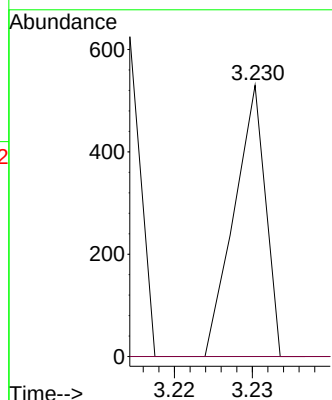
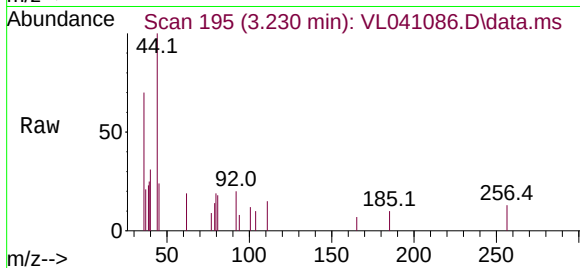
VSTDIC0.1

Tgt Ion: 45 Resp: 148

Ion Ratio Lower Upper

45 100

46 0.0 14.6 58.2#



#14

Bromoethene

Concen: 0.009 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.023 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

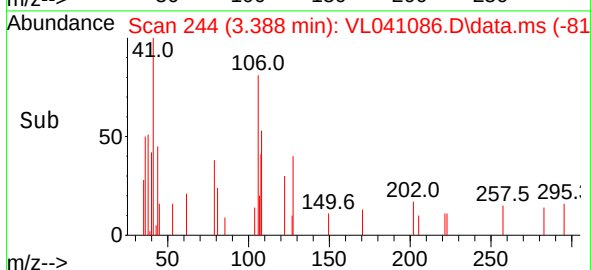
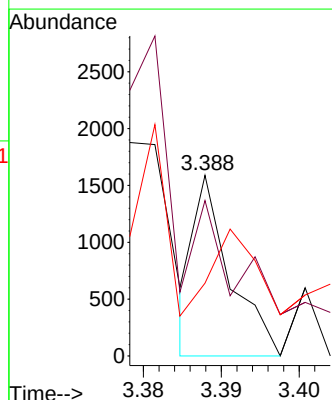
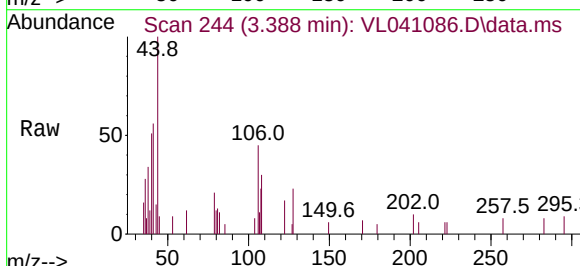
Tgt Ion:108 Resp: 507

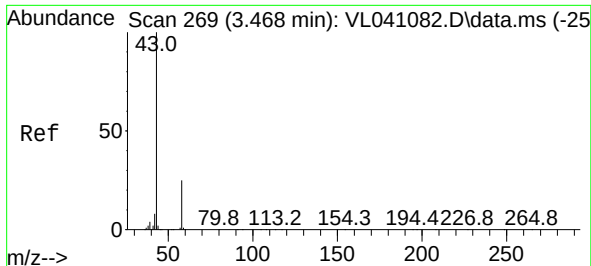
Ion Ratio Lower Upper

108 100

106 0.0 88.1 132.1#

79 772.2 15.6 23.4#





#15

Acetone

Concen: 0.001 ppbv

RT: 3.462 min Scan# 2

Delta R.T. -0.006 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

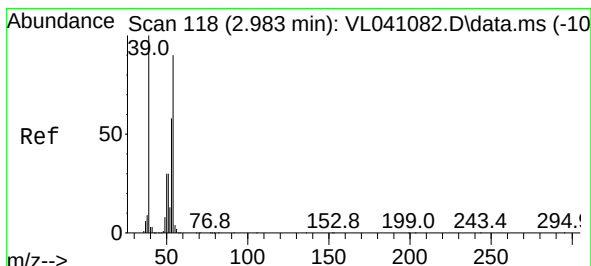
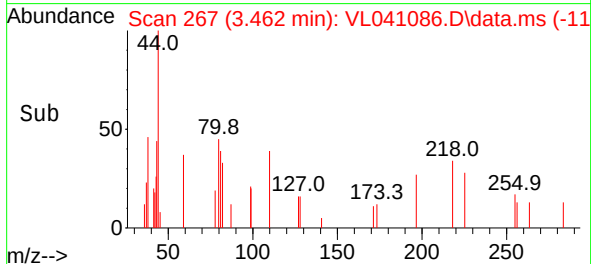
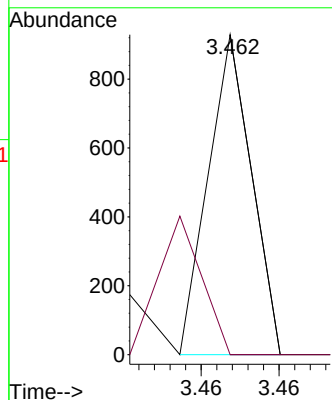
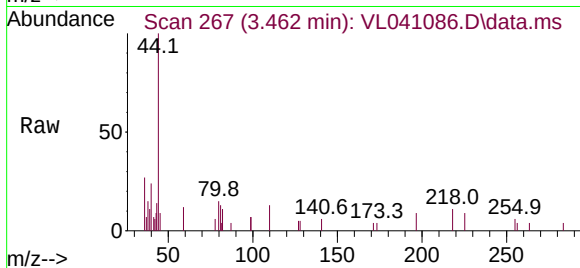
VSTDIC0.1

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 0.0 21.7 32.5#



#16

1,3-Butadiene

Concen: 0.034 ppbv

RT: 2.976 min Scan# 116

Delta R.T. -0.006 min

Lab File: VL041086.D

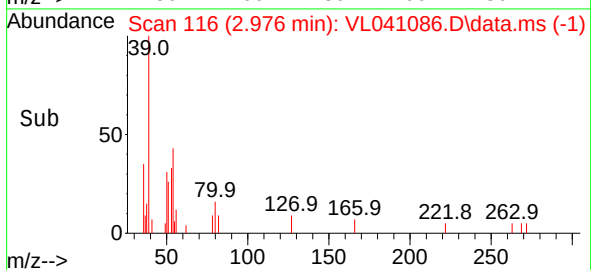
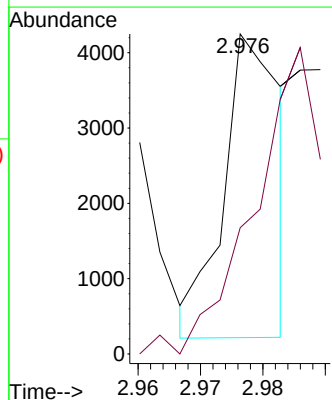
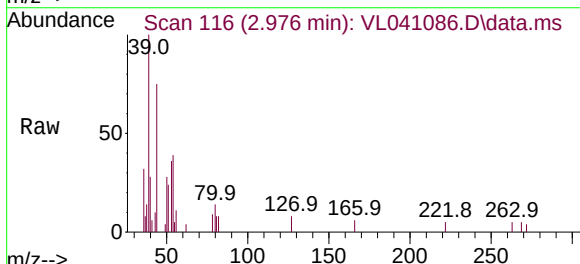
Acq: 11 Mar 2024 13:37

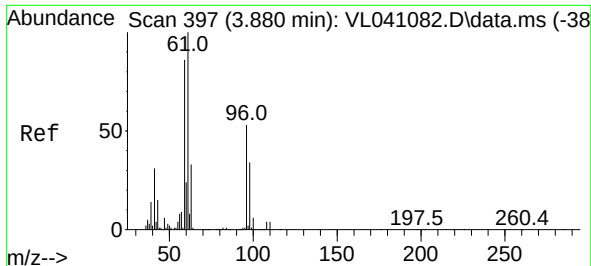
Tgt Ion: 39 Resp: 2533

Ion Ratio Lower Upper

39 100

54 0.0 64.0 96.0#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

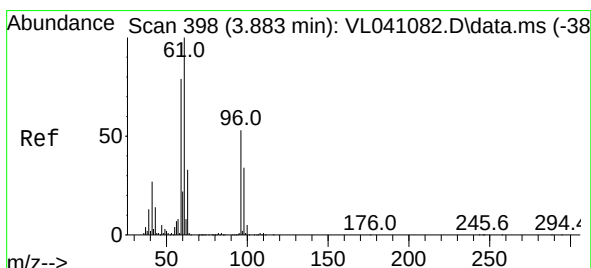
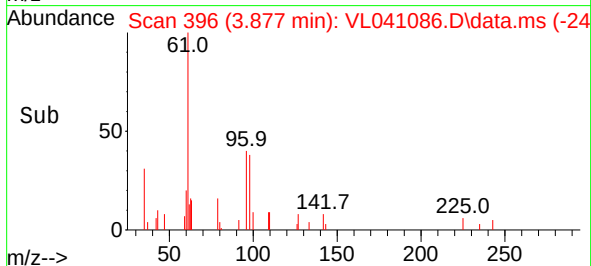
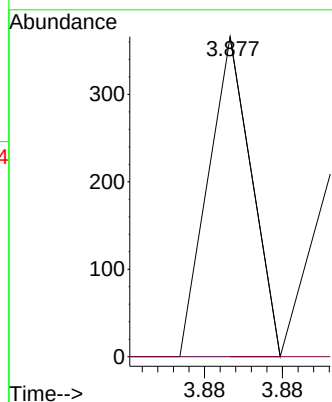
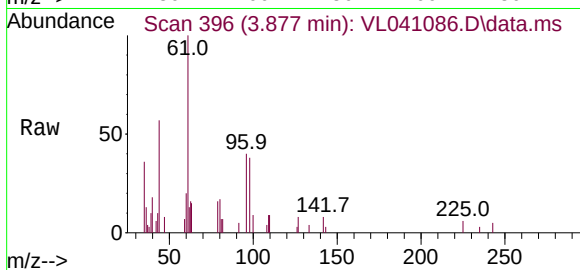
VSTDIC0.1

Tgt Ion: 59 Resp: 71

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



#18

1,1-Dichloroethene

Concen: 0.072 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

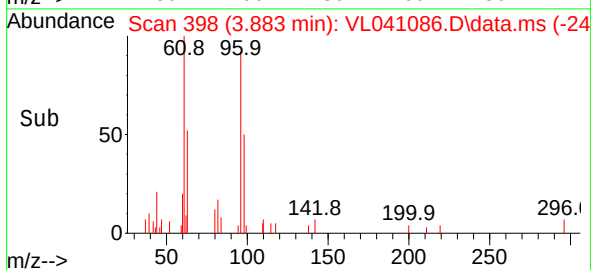
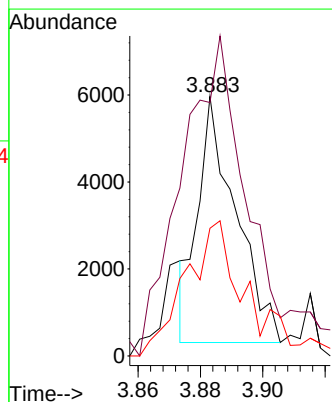
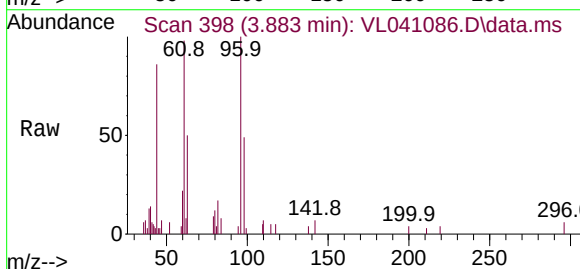
Tgt Ion: 96 Resp: 4790

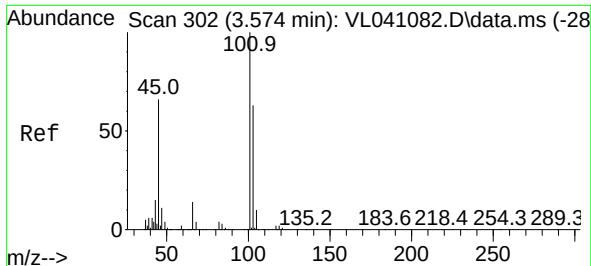
Ion Ratio Lower Upper

96 100

61 87.5 150.2 225.2#

98 35.7 50.7 76.1#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.571 min Scan# 302

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

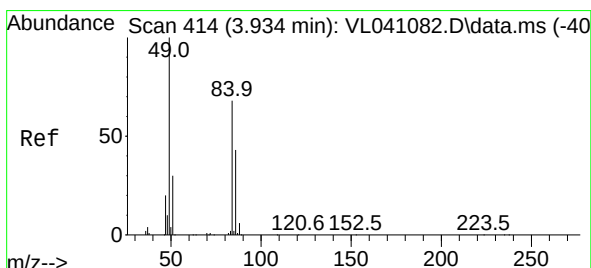
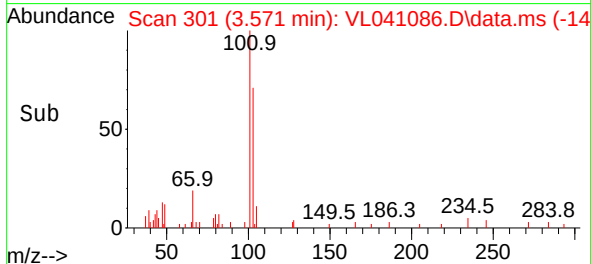
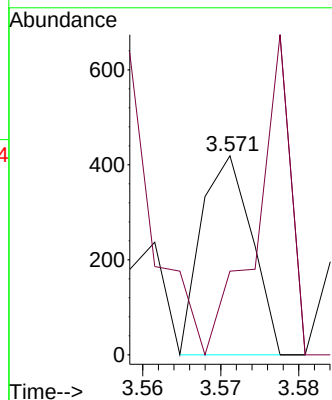
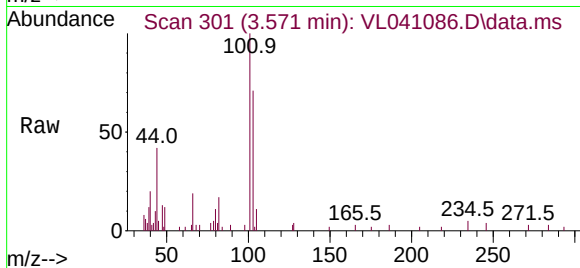
VSTDIC0.1

Tgt Ion: 45 Resp: 189

Ion Ratio Lower Upper

45 100

58 0.0 2.2 3.4#



#20

Methylene Chloride

Concen: 0.078 ppbv

RT: 3.931 min Scan# 413

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Tgt Ion: 84 Resp: 4897

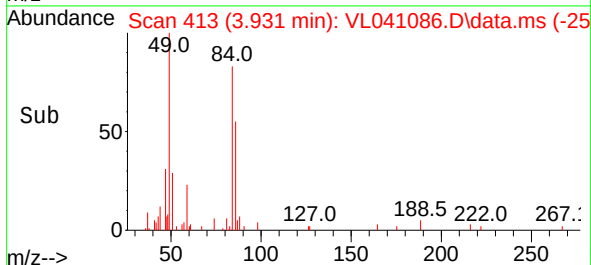
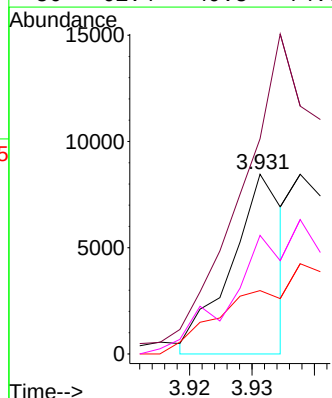
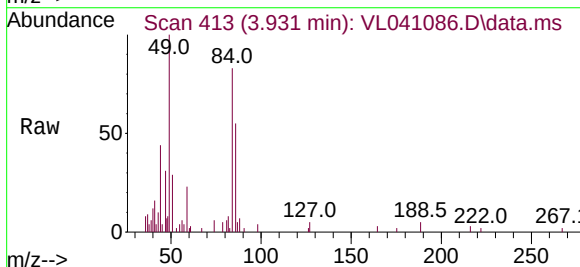
Ion Ratio Lower Upper

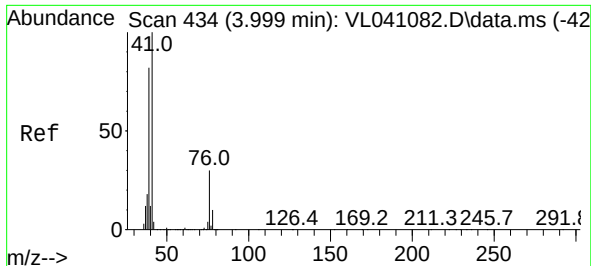
84 100

49 112.6 117.0 175.6#

51 30.4 34.9 52.3#

86 61.4 49.8 74.6





#21

Allyl Chloride

Concen: 0.074 ppbv

RT: 4.005 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

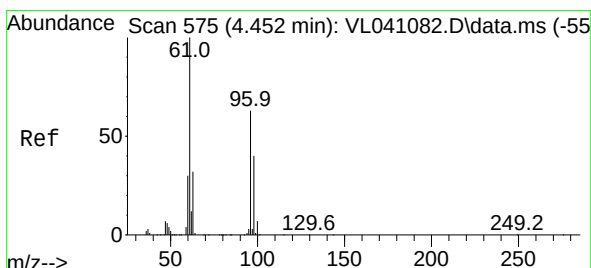
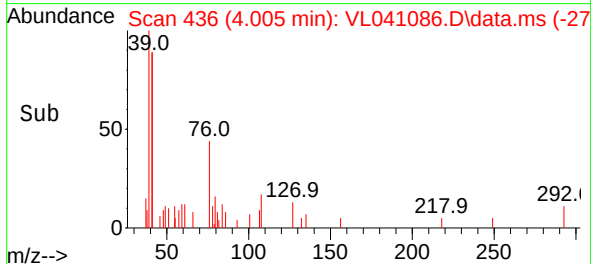
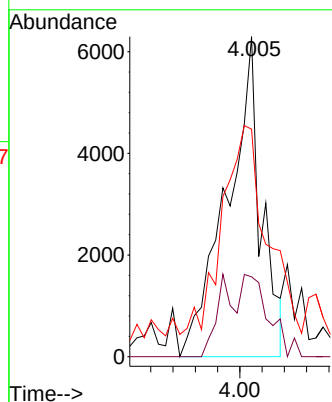
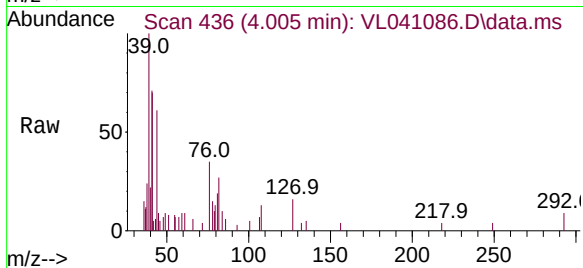
Tgt Ion: 41 Resp: 6673

Ion Ratio Lower Upper

41 100

76 33.6 25.5 38.3

39 125.8 67.4 101.2#



#22

trans-1,2-Dichloroethene

Concen: 0.047 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.006 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

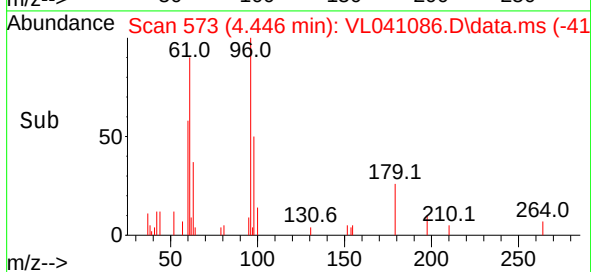
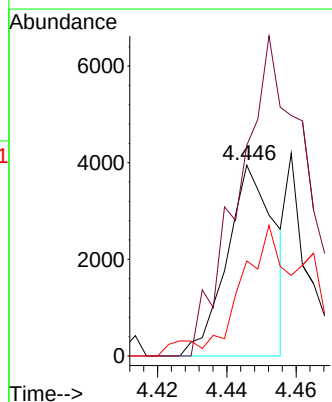
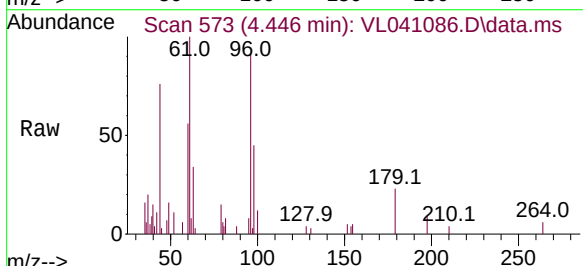
Tgt Ion: 96 Resp: 3729

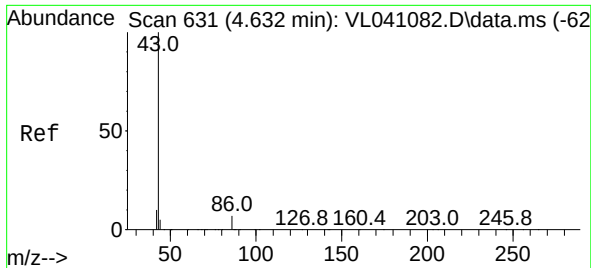
Ion Ratio Lower Upper

96 100

61 119.5 126.7 190.1#

98 41.9 50.1 75.1#





#23

Vinyl Acetate

Concen: 0.005 ppbv

RT: 4.626 min Scan# 61

Delta R.T. -0.006 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 809

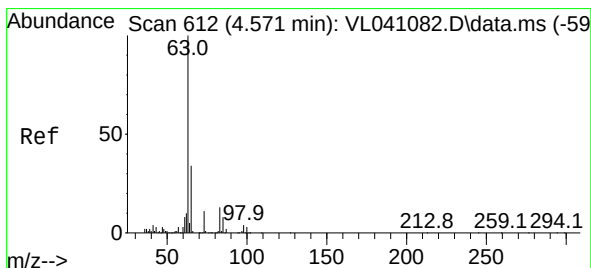
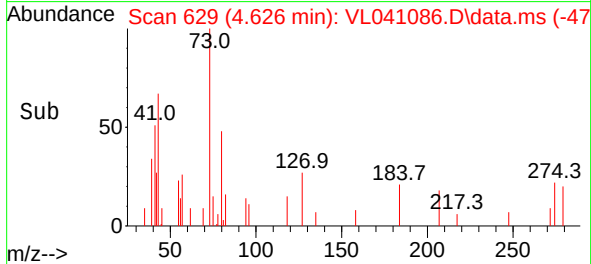
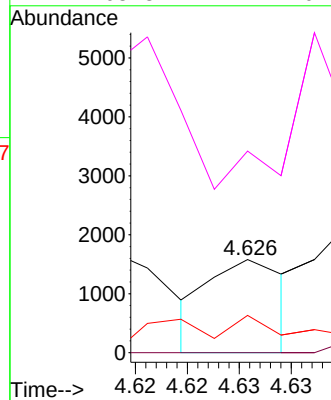
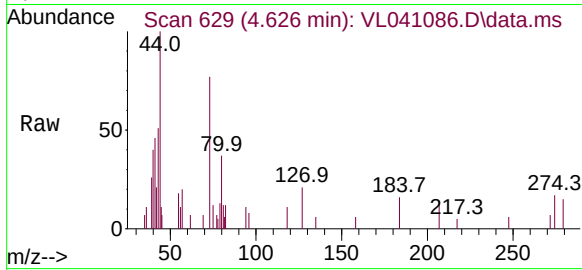
Ion Ratio Lower Upper

43 100

86 0.0 5.4 8.2#

42 134.8 8.0 12.0#

44 168.8 4.2 6.2#



#24

1,1-Dichloroethane

Concen: 0.051 ppbv

RT: 4.568 min Scan# 611

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

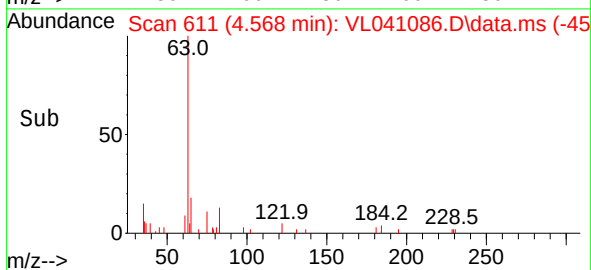
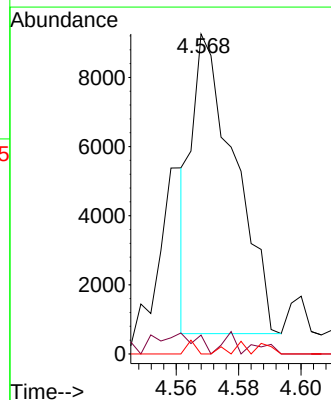
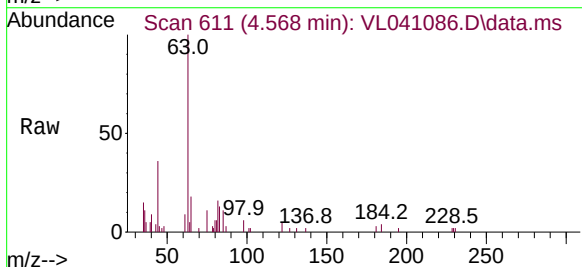
Tgt Ion: 63 Resp: 8281

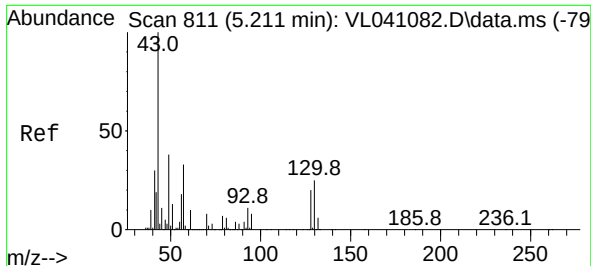
Ion Ratio Lower Upper

63 100

98 6.3 2.1 6.5

100 0.0 1.4 4.2#





#25

Ethyl Acetate

Concen: 0.036 ppbv

RT: 5.224 min Scan# 815

Delta R.T. 0.013 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

Tgt Ion: 43 Resp: 10386

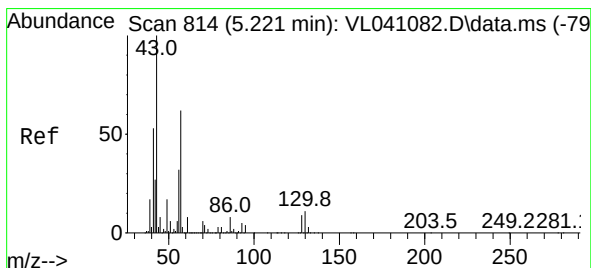
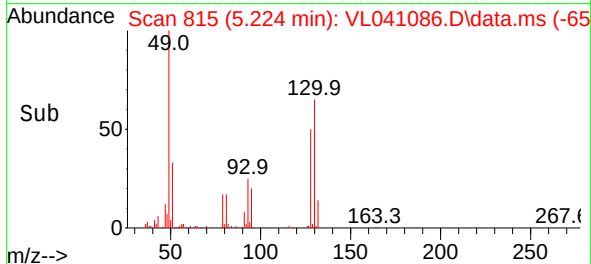
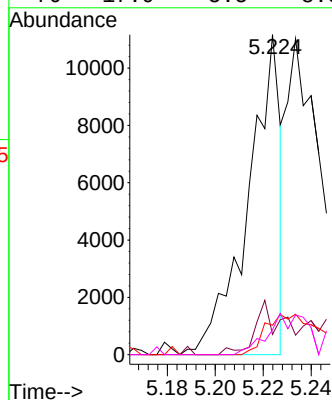
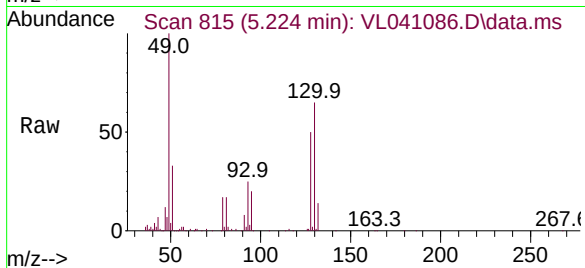
Ion Ratio Lower Upper

43 100

45 28.9 8.2 12.2#

61 0.0 8.2 12.2#

70 17.9 5.5 8.3#



#26

Hexane

Concen: 0.049 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Tgt Ion: 57 Resp: 6324

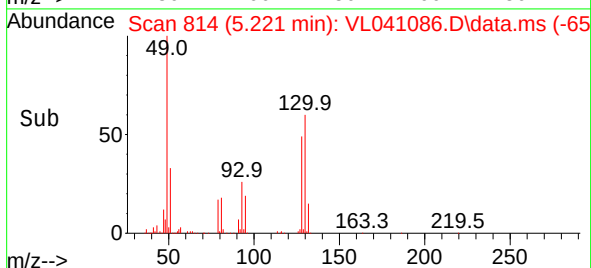
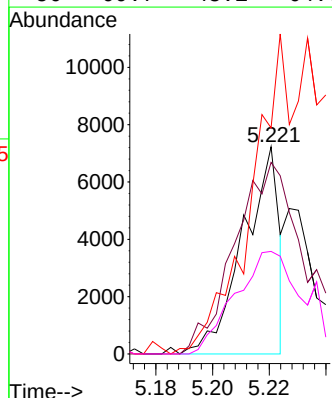
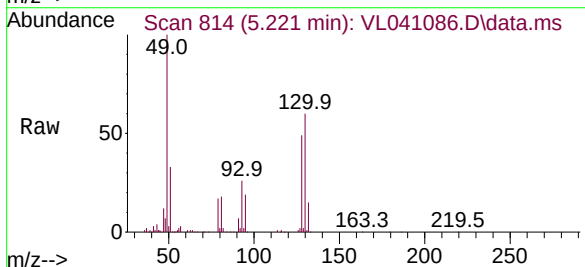
Ion Ratio Lower Upper

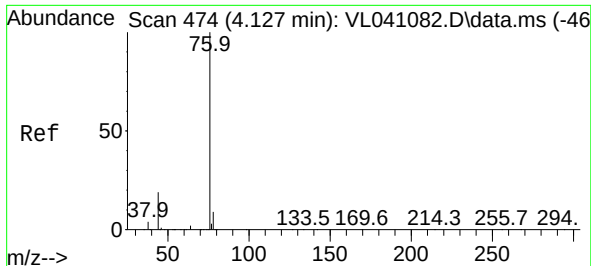
57 100

41 195.5 73.8 110.6#

43 419.2 184.2 276.2#

56 99.7 43.1 64.7#





#27

Carbon Disulfide

Concen: 0.067 ppbv

RT: 4.127 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

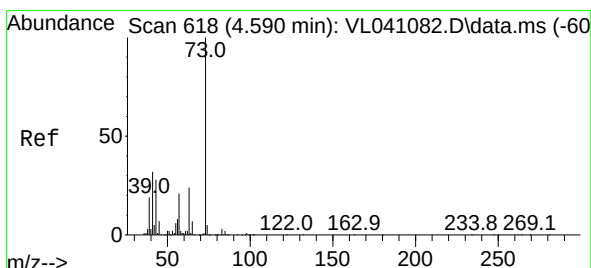
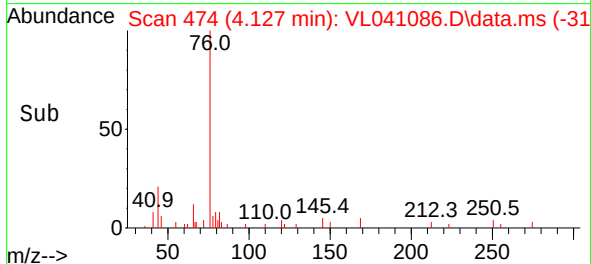
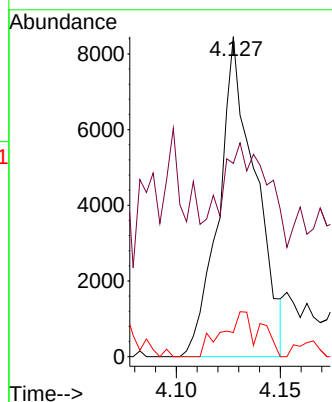
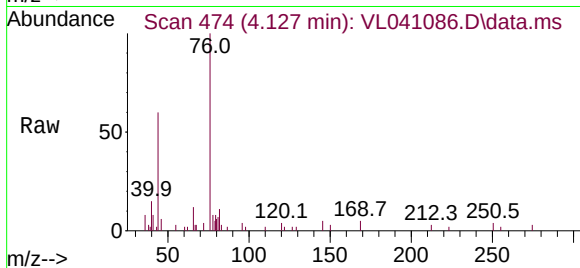
Tgt Ion: 76 Resp: 10337

Ion Ratio Lower Upper

76 100

44 26.7 16.0 24.0#

78 18.6 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 0.003 ppbv

RT: 4.587 min Scan# 617

Delta R.T. -0.003 min

Lab File: VL041086.D

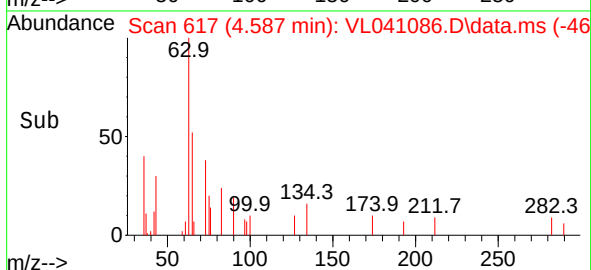
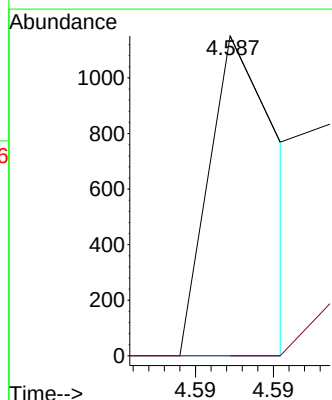
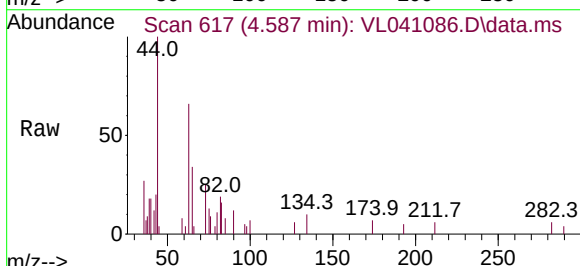
Acq: 11 Mar 2024 13:37

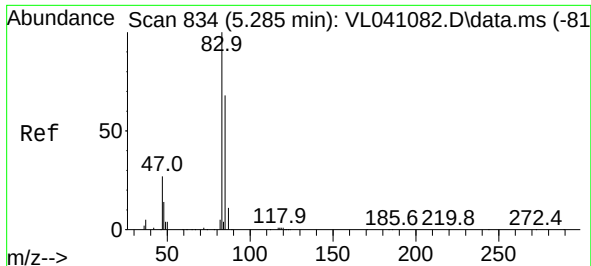
Tgt Ion: 73 Resp: 371

Ion Ratio Lower Upper

73 100

57 0.0 18.2 27.4#





#29

Chloroform

Concen: 0.077 ppbv

RT: 5.282 min Scan# 834

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

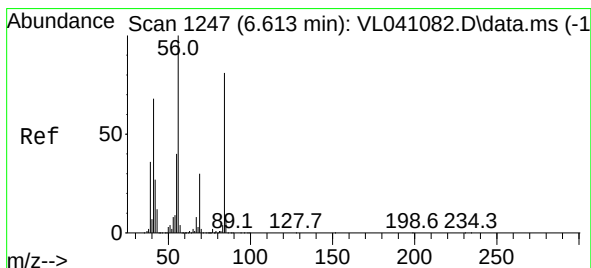
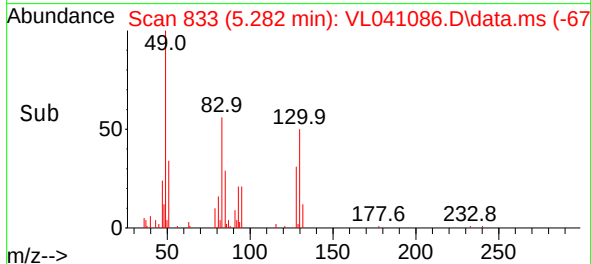
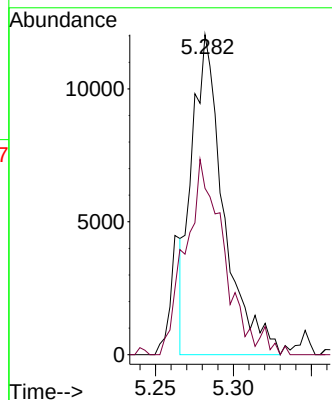
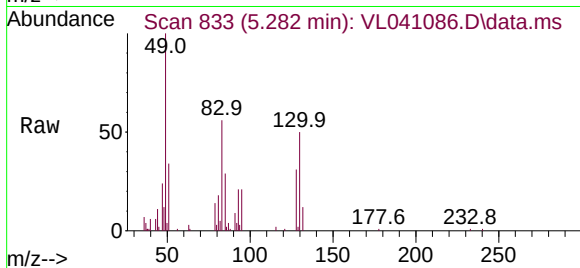
VSTDIC0.1

Tgt Ion: 83 Resp: 17141

Ion Ratio Lower Upper

83 100

85 55.1 54.6 82.0



#30

Cyclohexane

Concen: 0.013 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.010 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

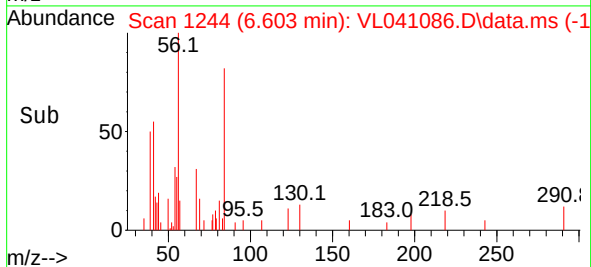
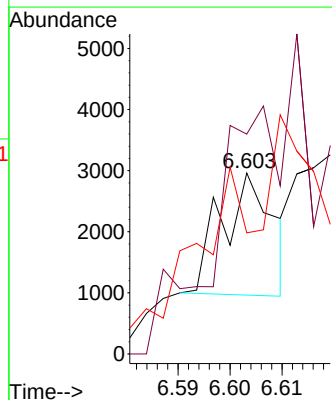
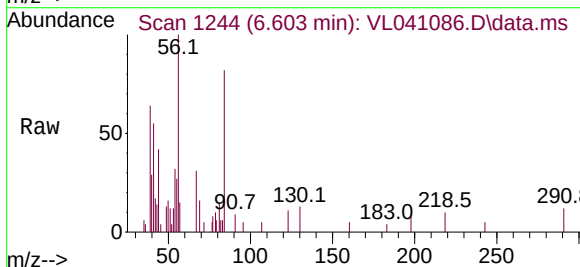
Tgt Ion: 84 Resp: 1359

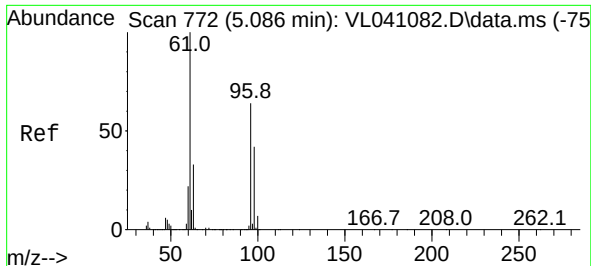
Ion Ratio Lower Upper

84 100

56 0.0 110.4 165.6#

41 575.7 70.6 105.8#





#31

cis-1,2-Dichloroethene

Concen: 0.052 ppbv

RT: 5.082 min Scan# 71

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

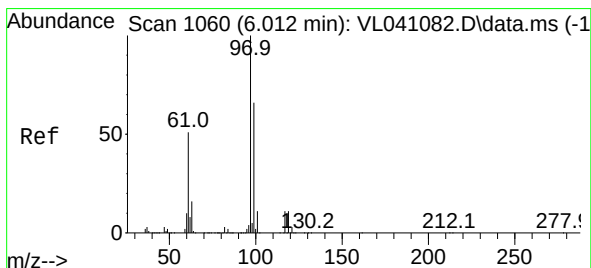
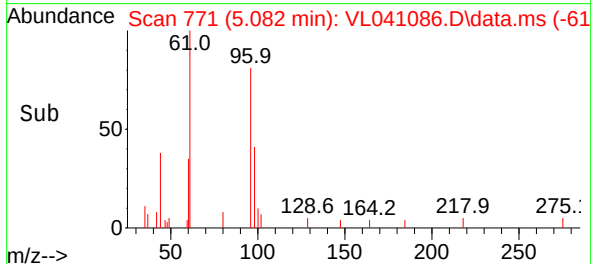
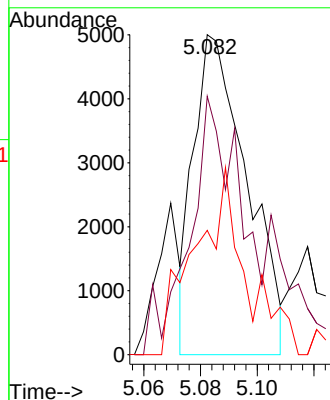
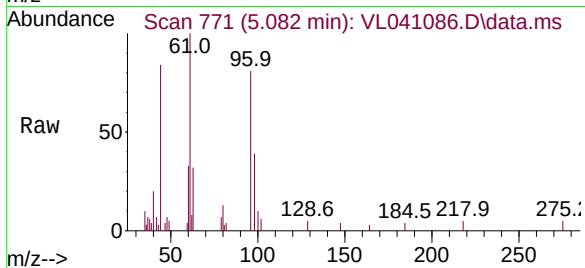
Tgt Ion: 61 Resp: 6554

Ion Ratio Lower Upper

61 100

96 63.8 51.2 76.8

98 28.4 33.4 50.0#



#32

1,1,1-Trichloroethane

Concen: 0.059 ppbv

RT: 6.008 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

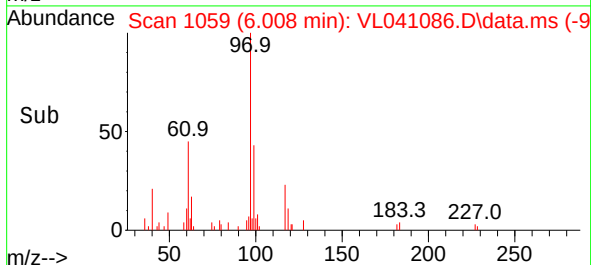
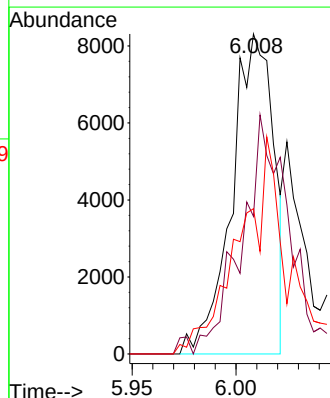
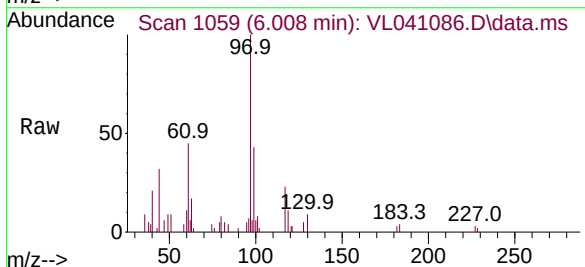
Tgt Ion: 97 Resp: 11691

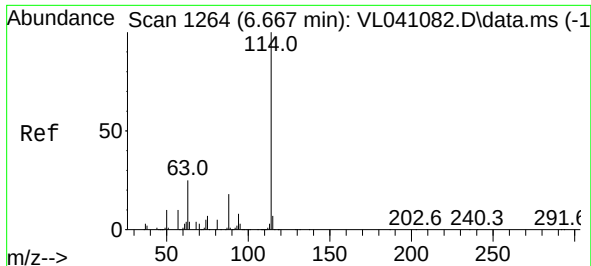
Ion Ratio Lower Upper

97 100

99 88.5 52.4 78.6#

61 76.5 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

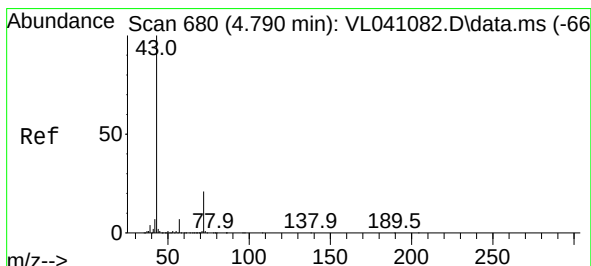
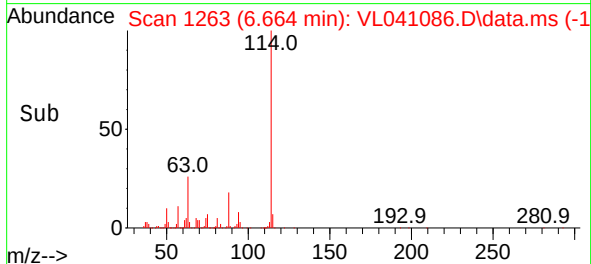
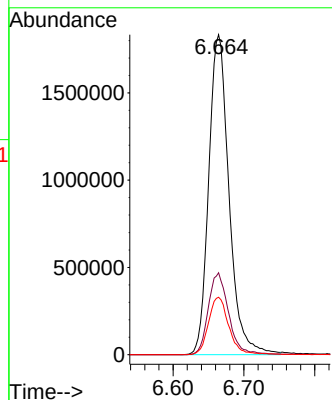
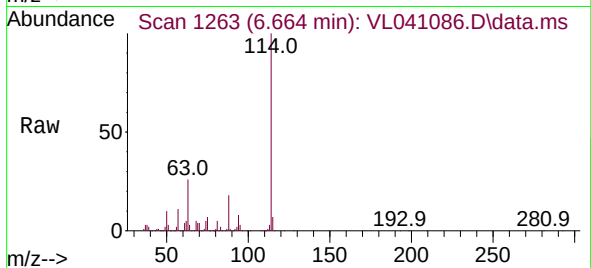
Tgt Ion:114 Resp: 3645410

Ion Ratio Lower Upper

114 100

63 25.9 21.0 31.6

88 18.1 14.6 22.0



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.016 min

Lab File: VL041086.D

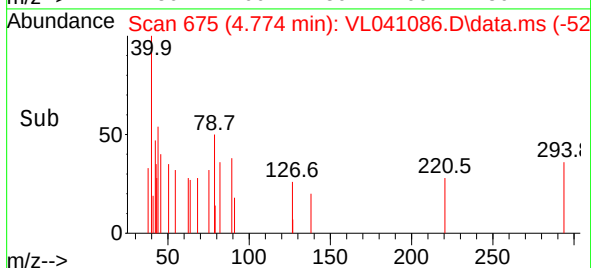
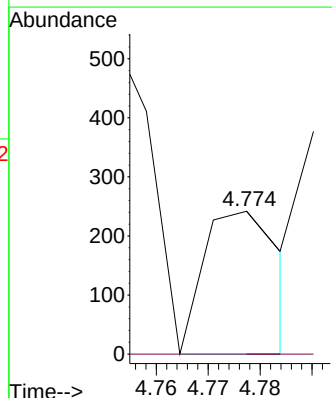
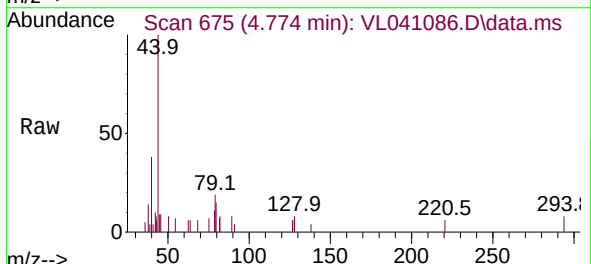
Acq: 11 Mar 2024 13:37

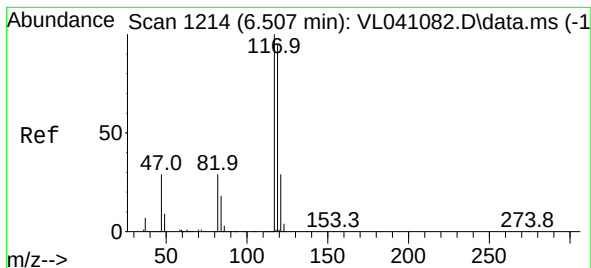
Tgt Ion: 43 Resp: 124

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.0#





#35

Carbon Tetrachloride

Concen: 0.069 ppbv

RT: 6.500 min Scan# 117

Delta R.T. -0.006 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

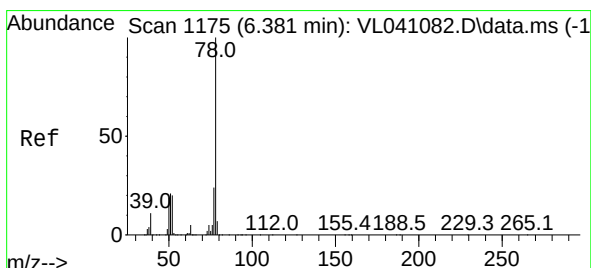
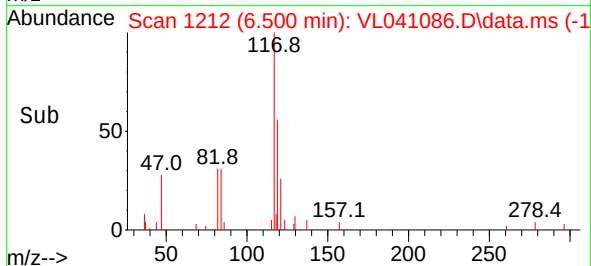
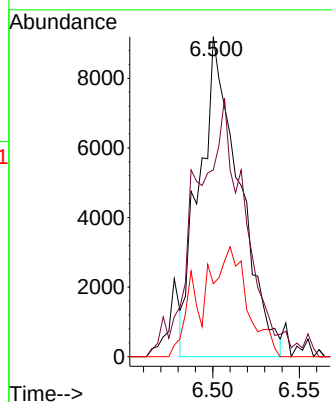
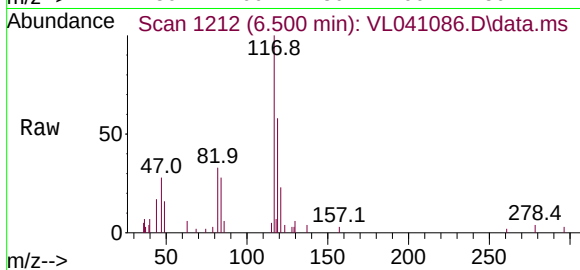
Tgt Ion:117 Resp: 14623

Ion Ratio Lower Upper

117 100

119 54.4 75.6 113.4#

121 24.1 23.4 35.2



#36

Benzene

Concen: 0.057 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. -0.010 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

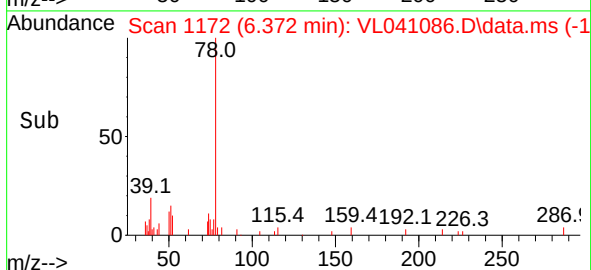
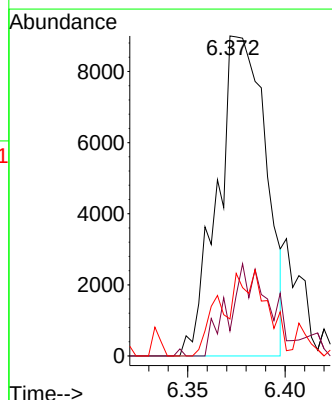
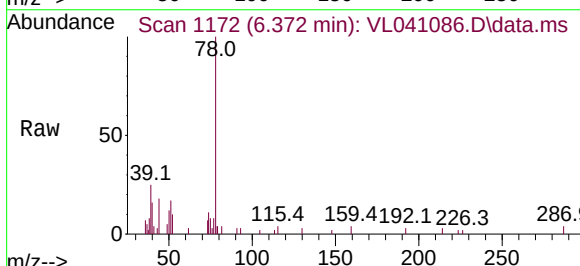
Tgt Ion: 78 Resp: 15538

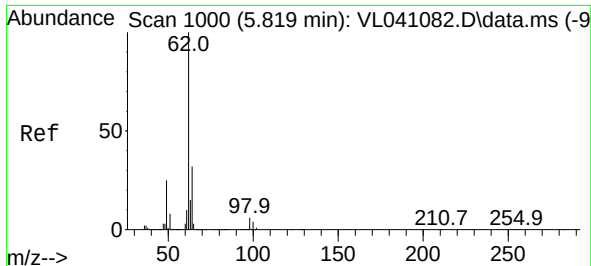
Ion Ratio Lower Upper

78 100

77 5.7 18.8 28.2#

50 11.5 15.5 23.3#

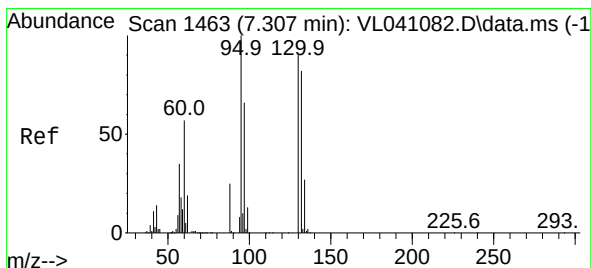
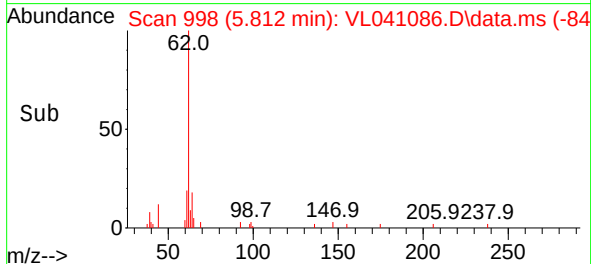
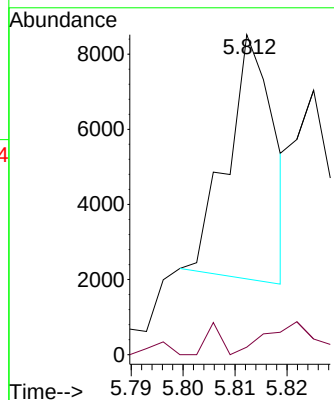
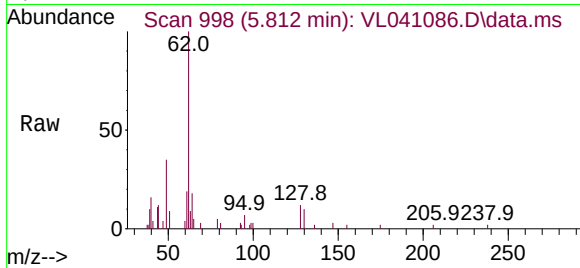




#37
1,2-Dichloroethane
Concen: 0.025 ppbv
RT: 5.812 min Scan# 98
Delta R.T. -0.006 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

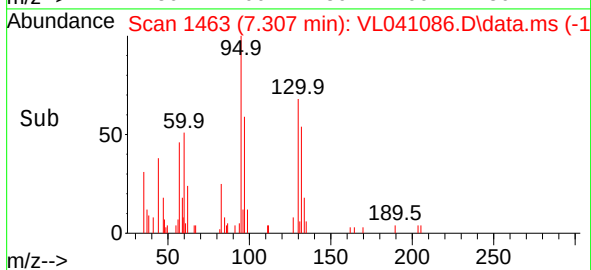
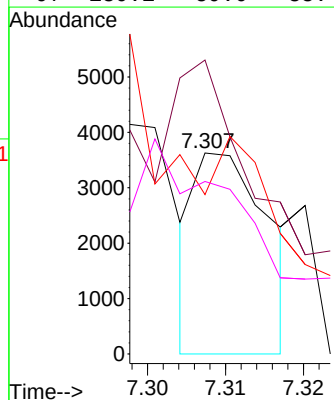
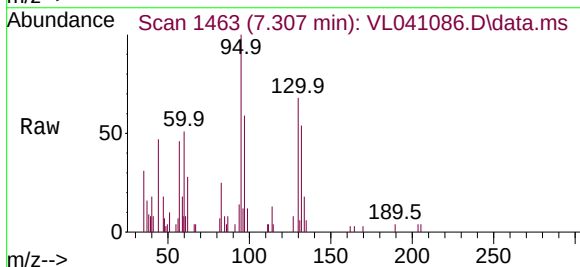
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

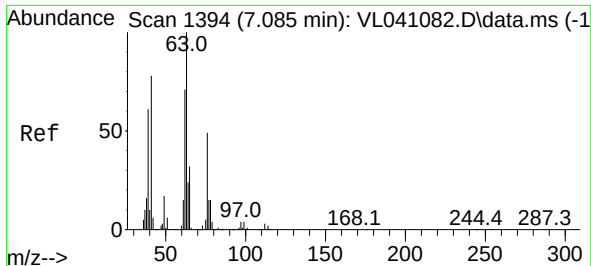
Tgt Ion: 62 Resp: 4009
Ion Ratio Lower Upper
62 100
98 0.0 4.6 6.8#



#38
Trichloroethene
Concen: 0.023 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:130 Resp: 2349
Ion Ratio Lower Upper
130 100
95 175.8 88.8 133.2#
132 52.2 73.0 109.4#
97 130.1 59.0 88.4#

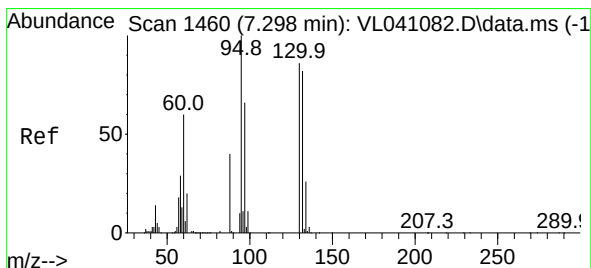
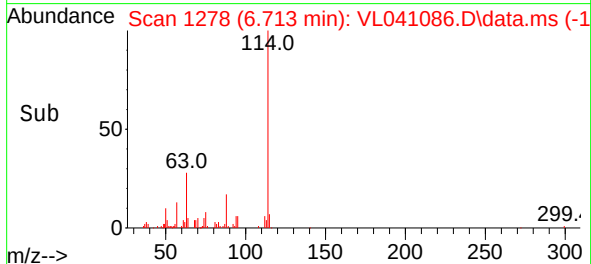
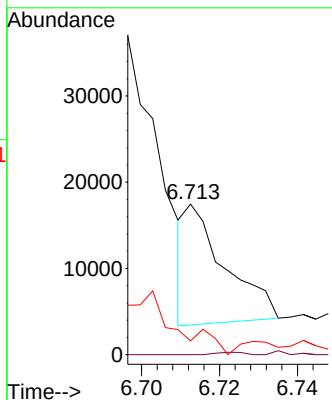
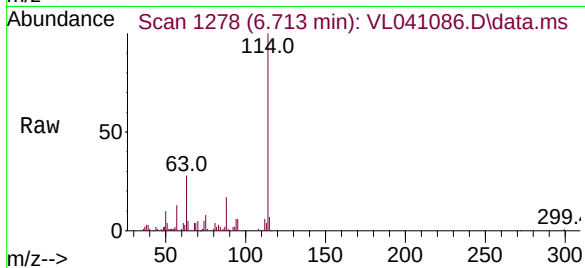




#39
1,2-Dichloropropane
Concen: 0.092 ppbv
RT: 6.713 min Scan# 11
Delta R.T. -0.373 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

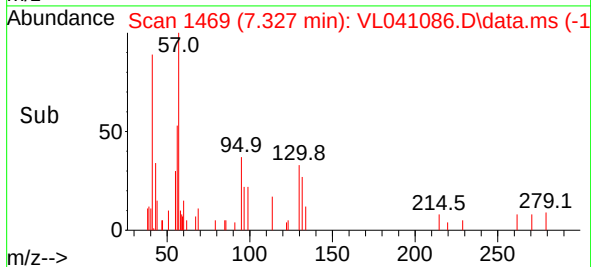
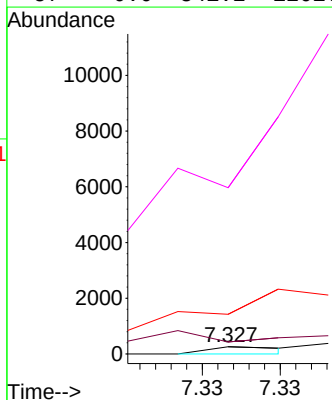
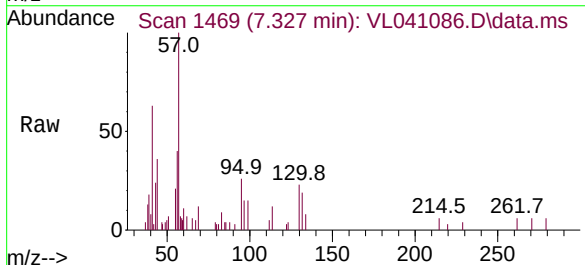
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

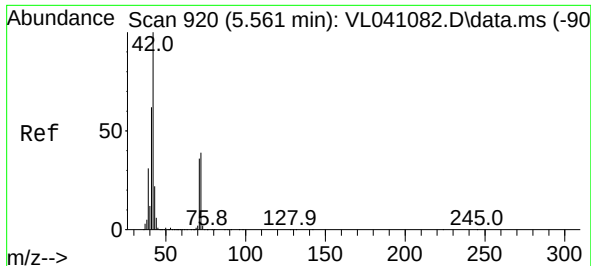
Tgt Ion: 63 Resp: 9948
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.4#
62 5.6 57.0 85.4#



#40
1,4-Dioxane
Concen: 0.002 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.029 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
58 0.0 96.3 144.5#
43 0.0 195.7 293.5#
57 0.0 841.2 1261.8#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.578 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

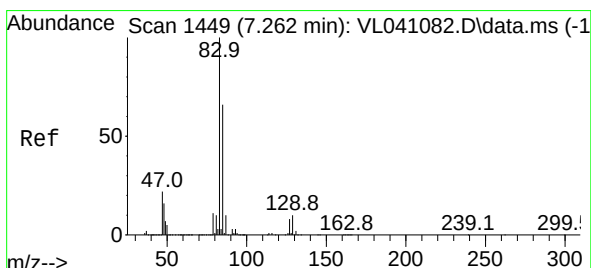
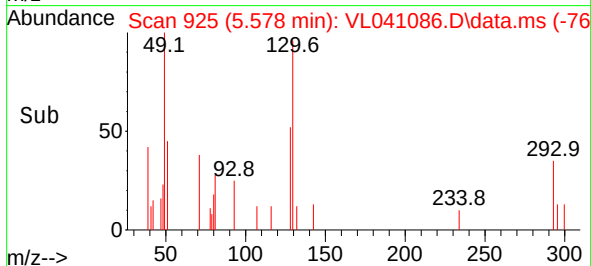
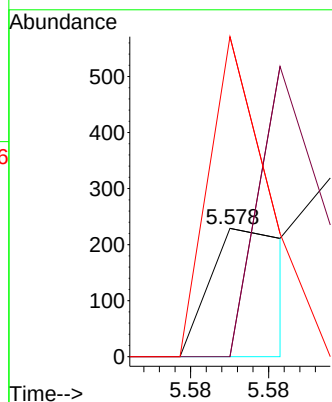
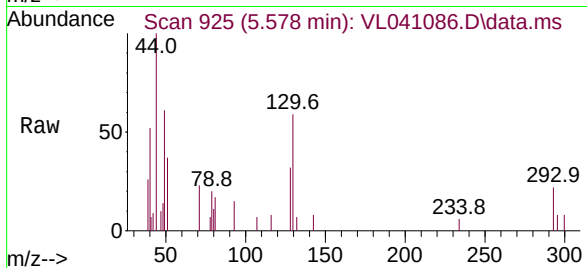
Tgt Ion: 42 Resp: 85

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 29.6 44.4#



#42

Bromodichloromethane

Concen: 0.018 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.016 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

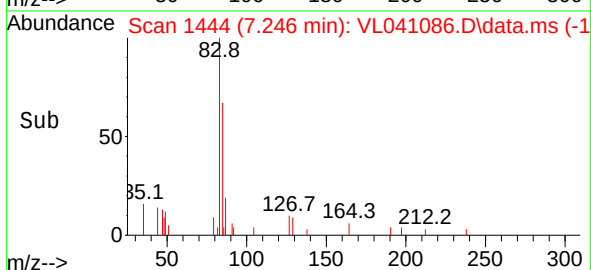
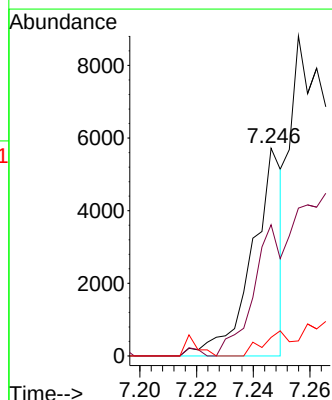
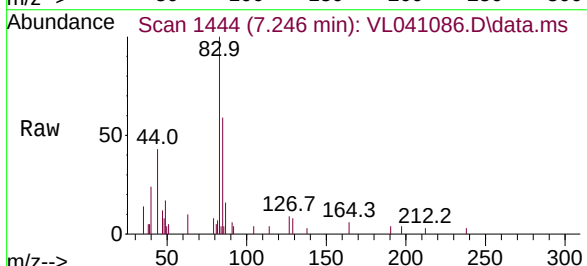
Tgt Ion: 83 Resp: 4219

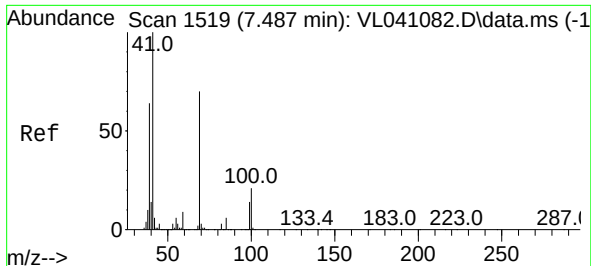
Ion Ratio Lower Upper

83 100

85 63.2 53.1 79.7

127 8.9 6.2 9.4





#43

Methyl Methacrylate

Concen: 0.013 ppbv

RT: 7.487 min Scan# 1519

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

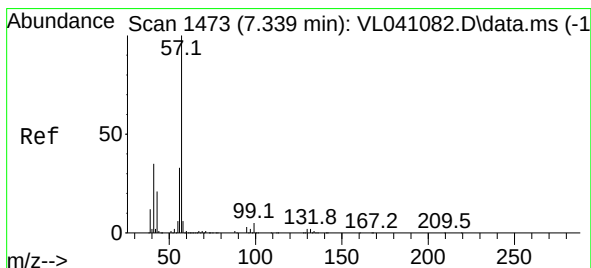
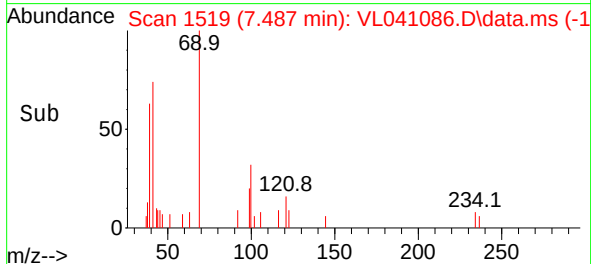
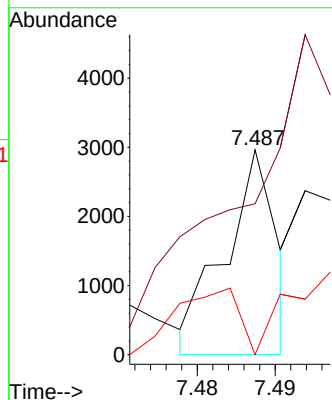
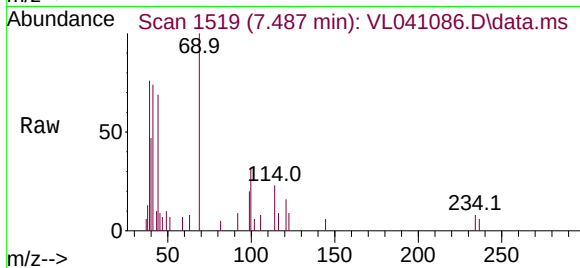
Tgt Ion: 69 Resp: 1366

Ion Ratio Lower Upper

69 100

41 0.0 118.2 177.4#

100 0.0 24.8 37.2#



#44

2,2,4-Trimethylpentane

Concen: 0.028 ppbv

RT: 7.336 min Scan# 1472

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

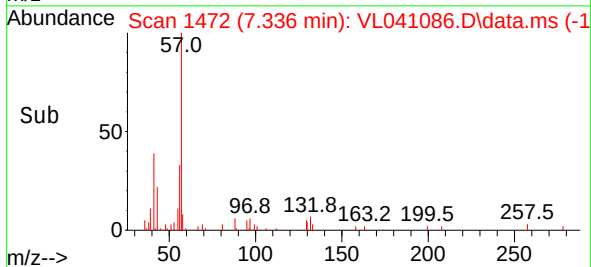
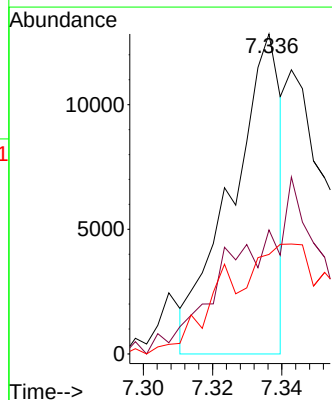
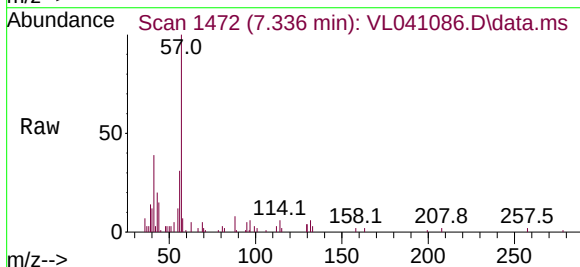
Tgt Ion: 57 Resp: 12738

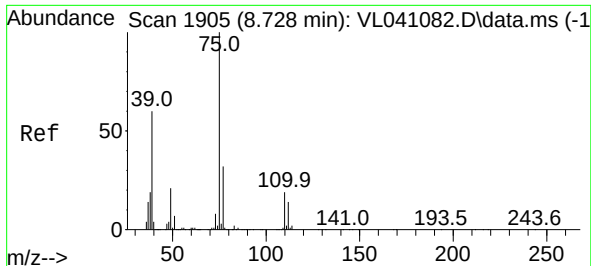
Ion Ratio Lower Upper

57 100

41 0.0 28.0 42.0#

56 0.0 25.7 38.5#





#45

t-1,3-Dichloropropene

Concen: 0.014 ppbv

RT: 8.738 min Scan# 1905

Delta R.T. 0.010 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

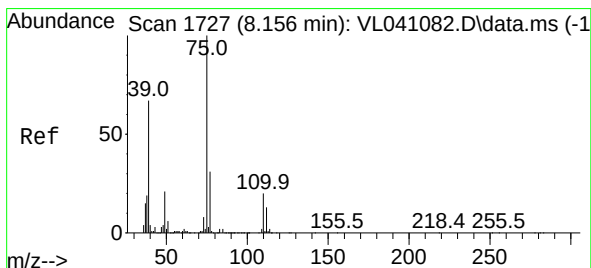
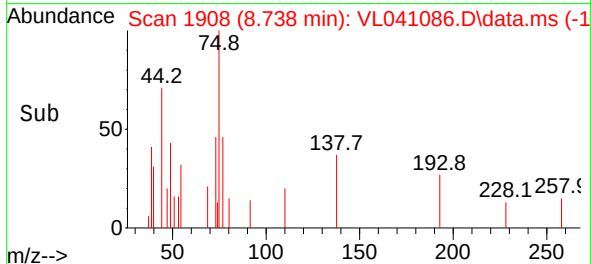
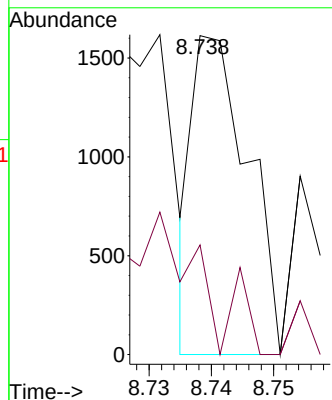
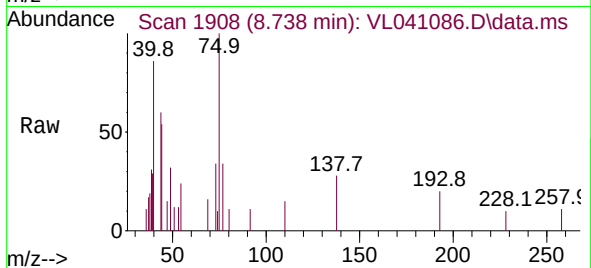
VSTDIC0.1

Tgt Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

77 34.4 25.3 37.9



#46

cis-1,3-Dichloropropene

Concen: 0.030 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

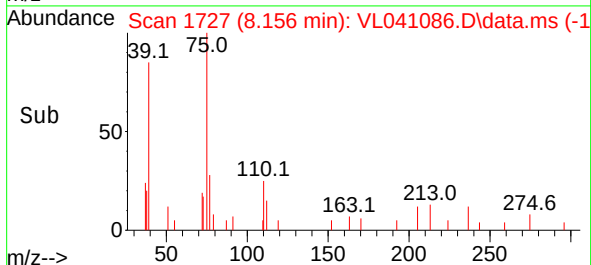
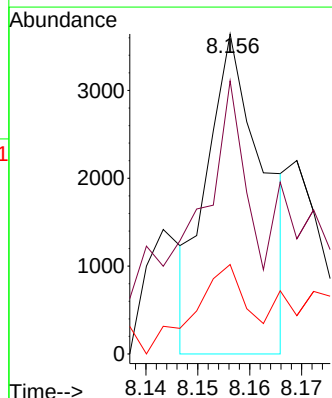
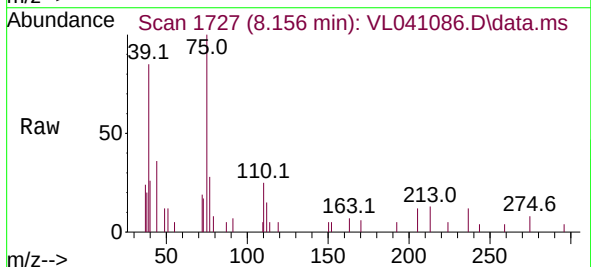
Tgt Ion: 75 Resp: 2758

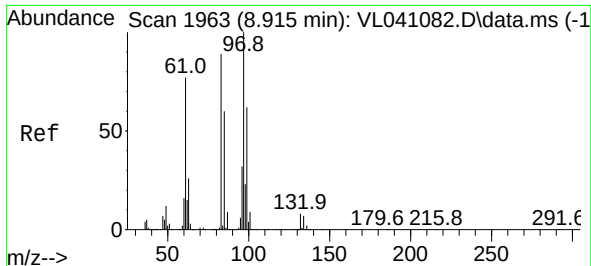
Ion Ratio Lower Upper

75 100

39 75.6 53.3 79.9

77 30.2 25.2 37.8



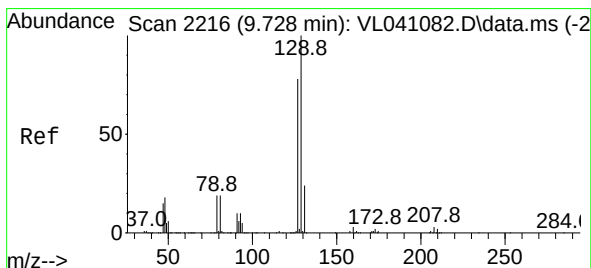
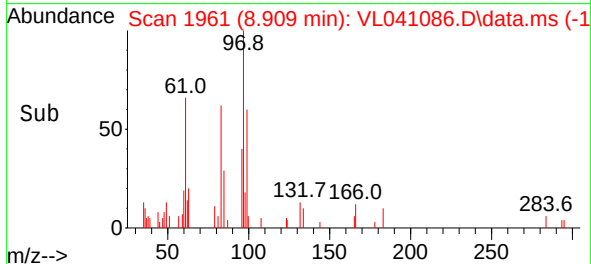
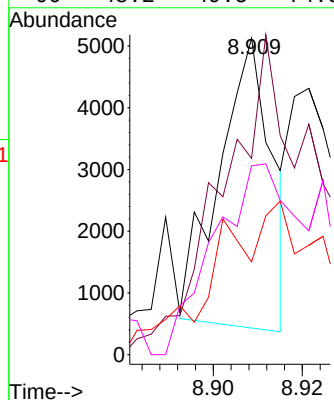
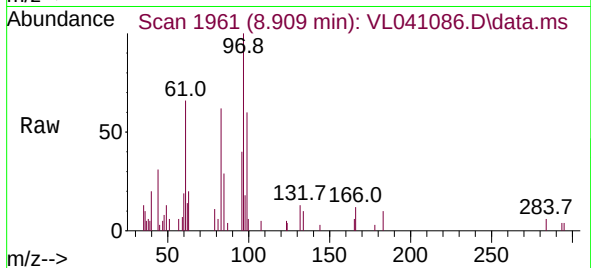


#47
1,1,2-Trichloroethane
Concen: 0.033 ppbv
RT: 8.909 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 3832

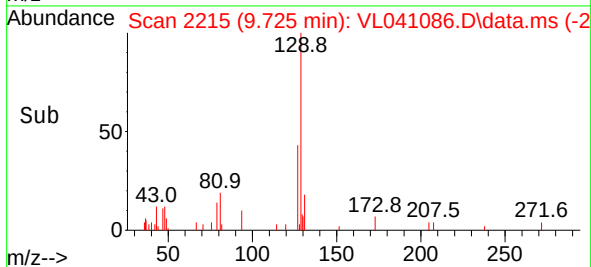
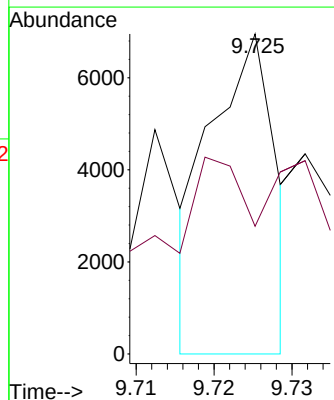
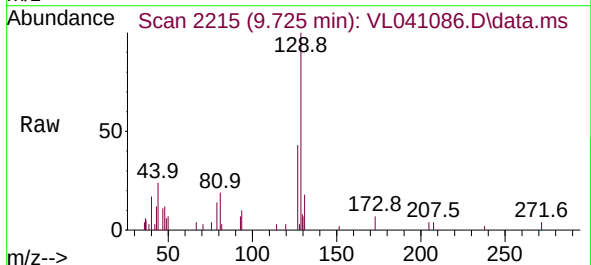
Ion	Ratio	Lower	Upper
97	100		
83	47.5	71.1	106.7#
85	13.3	48.2	72.2#
99	48.2	49.5	74.3#

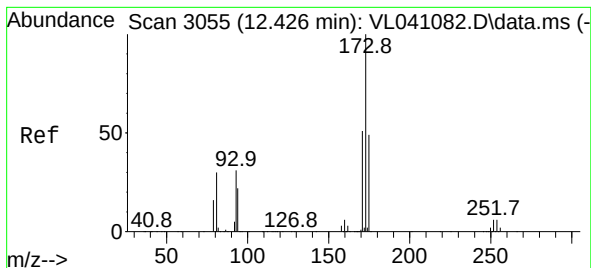


#48
Dibromochloromethane
Concen: 0.021 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 129 Resp: 4039

Ion	Ratio	Lower	Upper
129	100		
127	208.9	39.6	118.8#





#49

Bromoform

Concen: 0.025 ppbv

RT: 12.426 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

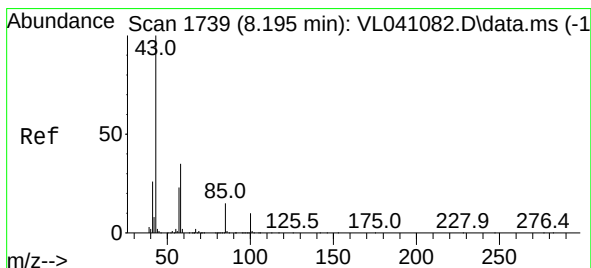
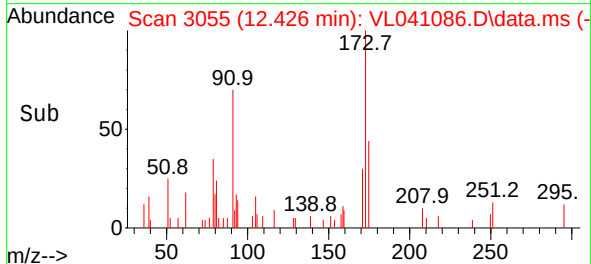
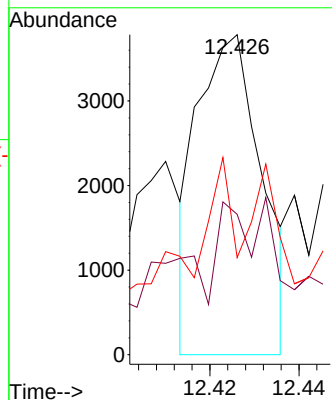
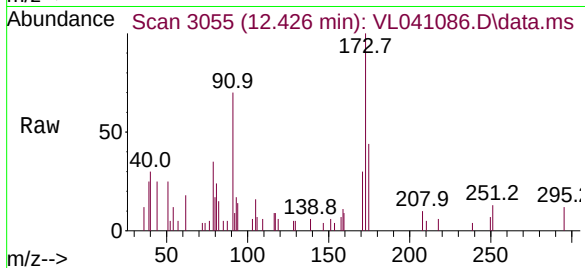
Tgt Ion:173 Resp: 3783

Ion Ratio Lower Upper

173 100

175 0.0 39.0 58.6#

171 112.7 41.8 62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041086.D

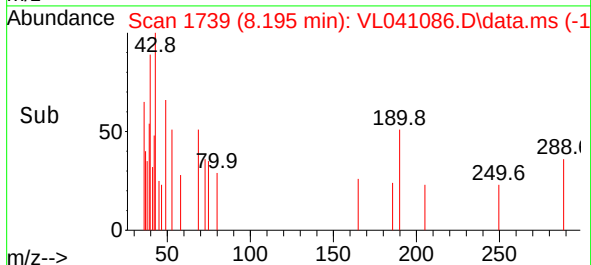
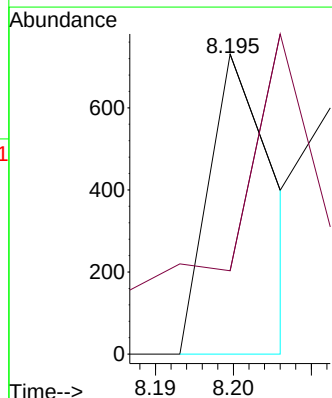
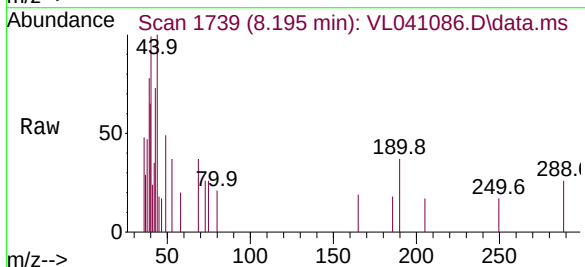
Acq: 11 Mar 2024 13:37

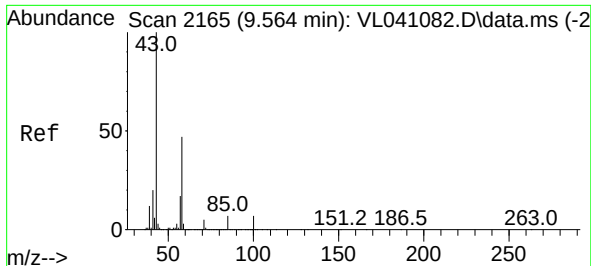
Tgt Ion: 43 Resp: 218

Ion Ratio Lower Upper

43 100

58 0.0 28.3 42.5#

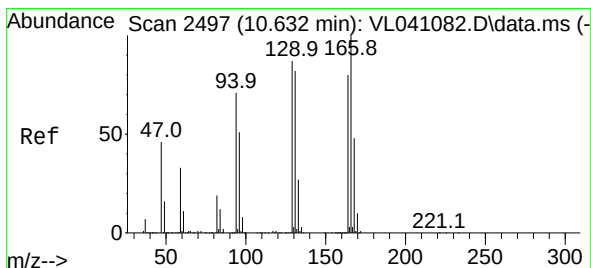
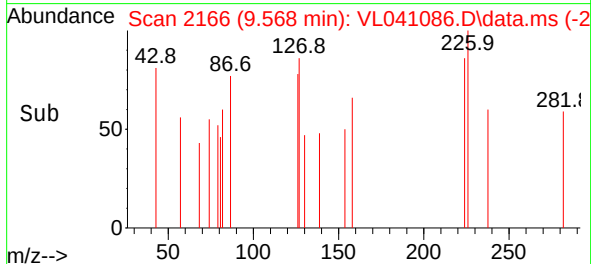
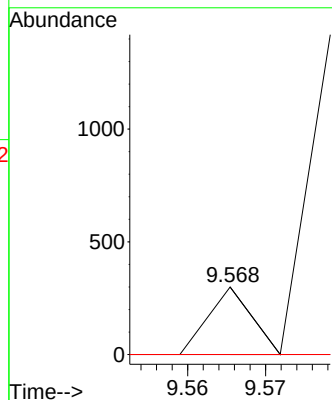
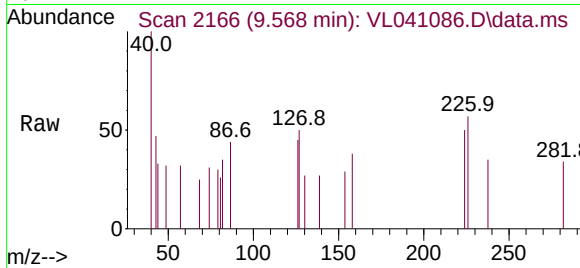




#51
2-Hexanone
Concen: 0.000 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

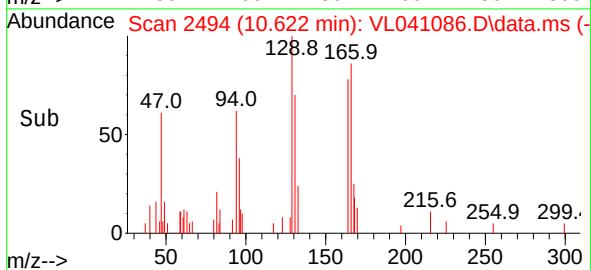
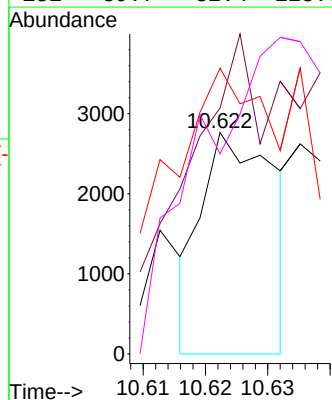
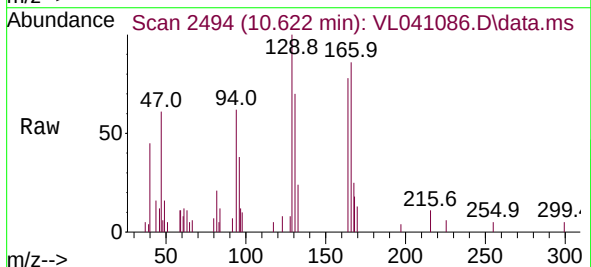
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

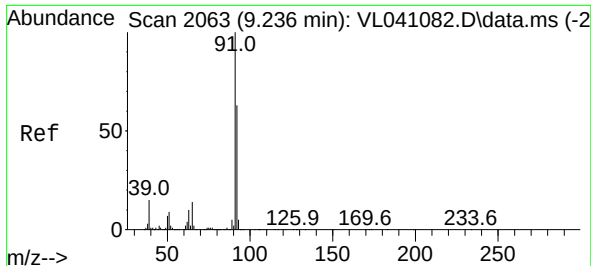
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 37.4 56.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.027 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.010 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 164 Resp: 2241
Ion Ratio Lower Upper
164 100
166 65.2 100.6 150.8#
129 87.9 87.2 130.8
131 39.7 82.4 123.6#





#53

Toluene

Concen: 0.024 ppbv

RT: 9.233 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

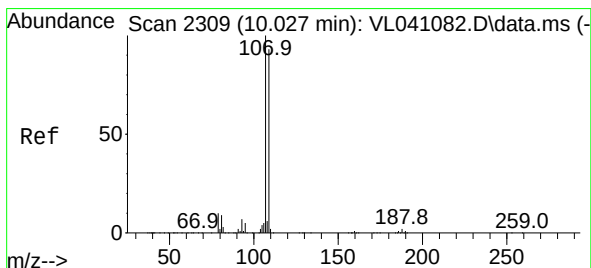
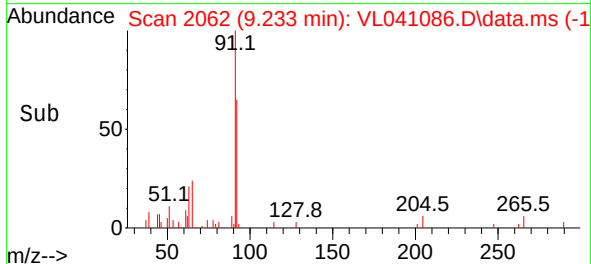
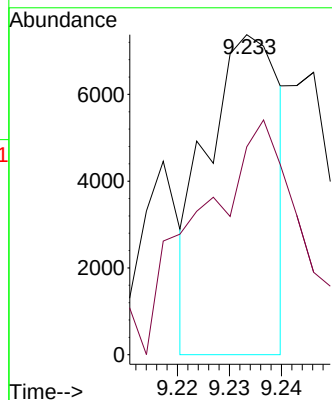
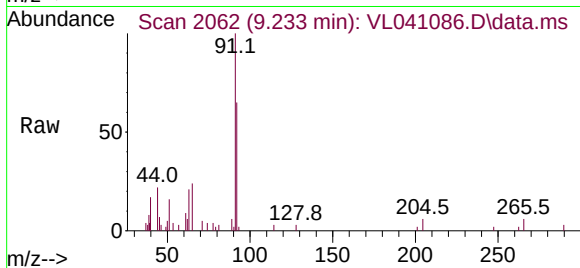
VSTDIC0.1

Tgt Ion: 91 Resp: 7127

Ion Ratio Lower Upper

91 100

92 131.3 48.9 73.3#



#54

1,2-Dibromoethane

Concen: 0.030 ppbv

RT: 10.034 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VL041086.D

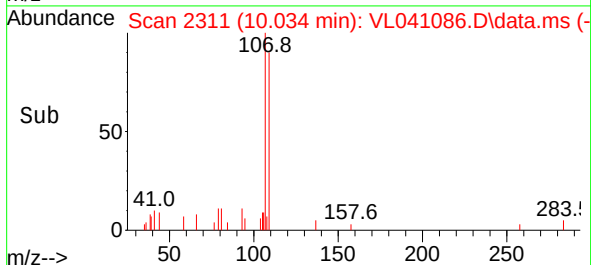
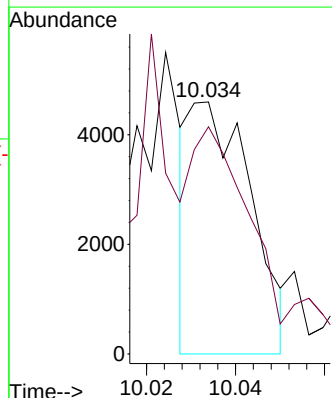
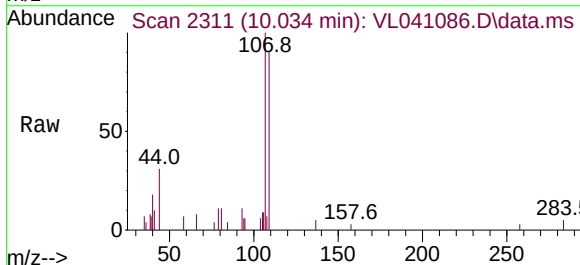
Acq: 11 Mar 2024 13:37

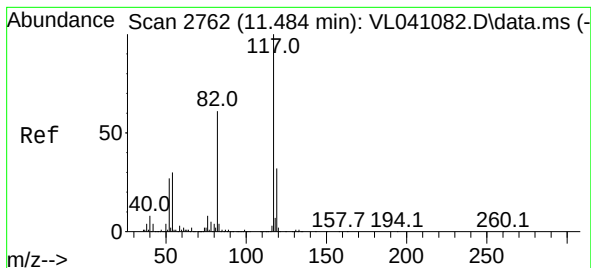
Tgt Ion: 107 Resp: 4395

Ion Ratio Lower Upper

107 100

109 97.0 74.4 111.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2762

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

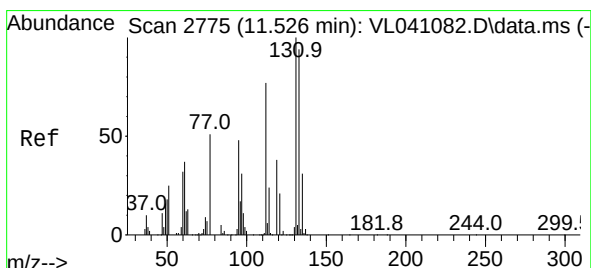
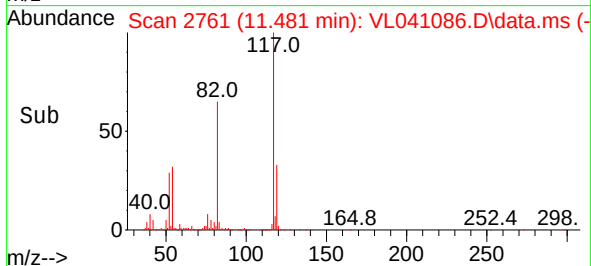
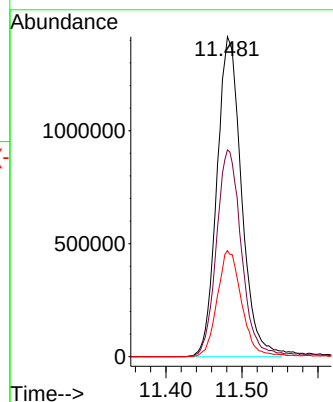
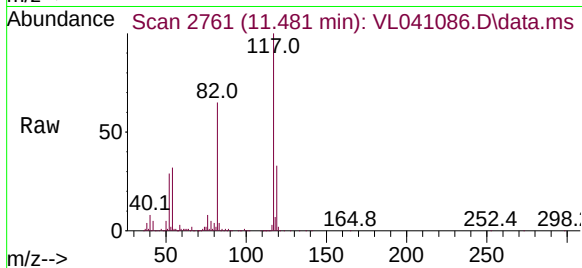
Tgt Ion:117 Resp: 3183531

Ion Ratio Lower Upper

117 100

82 67.1 51.4 77.2

119 33.4 23.7 35.5



#56

1,1,1,2-Tetrachloroethane

Concen: 0.010 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

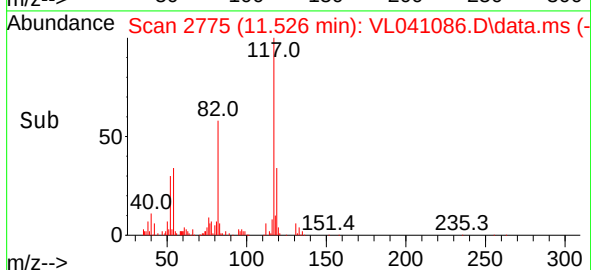
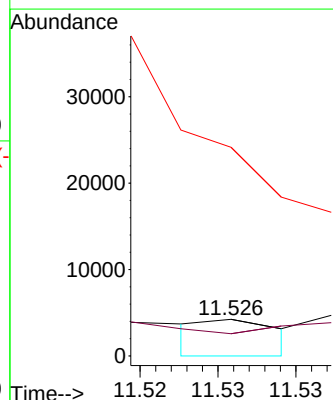
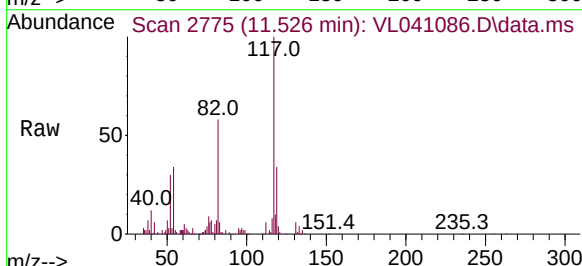
Tgt Ion:131 Resp: 1425

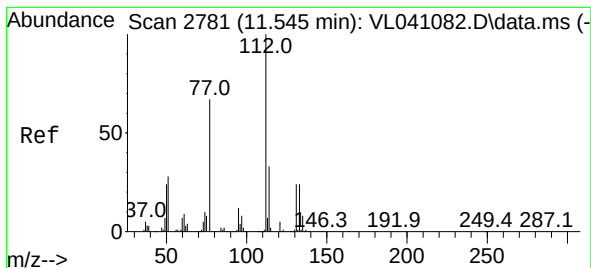
Ion Ratio Lower Upper

131 100

133 0.0 76.1 114.1#

119 0.0 51.1 76.7#

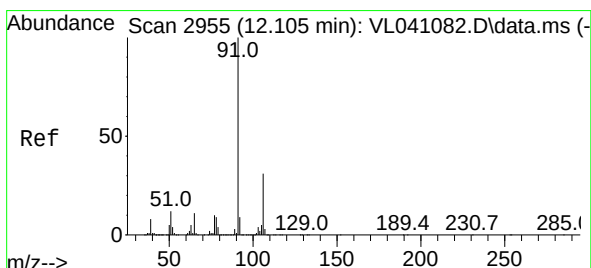
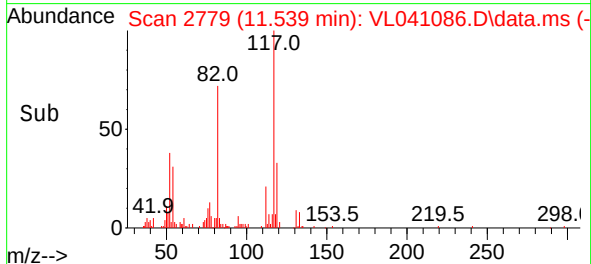
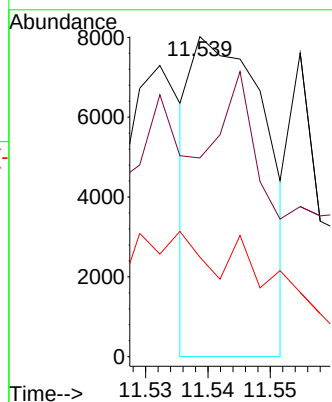
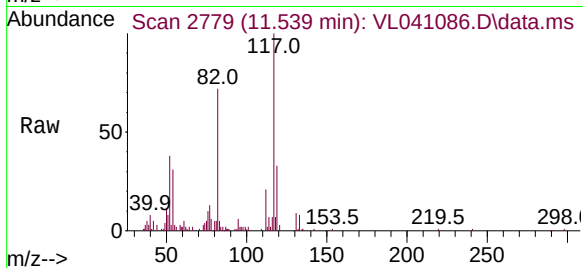




#57
Chlorobenzene
Concen: 0.029 ppbv
RT: 11.539 min Scan# 211
Delta R.T. -0.006 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

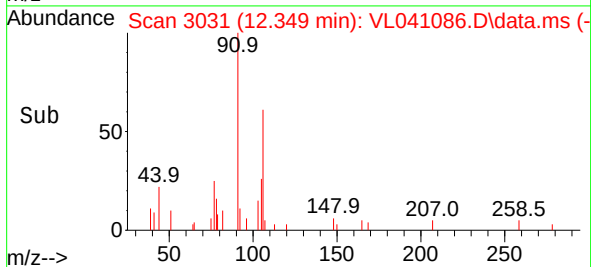
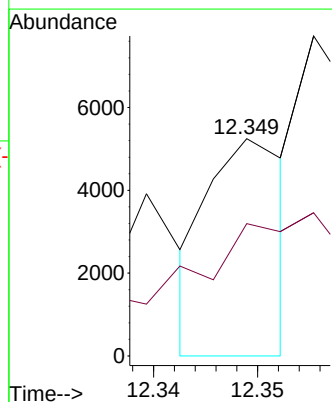
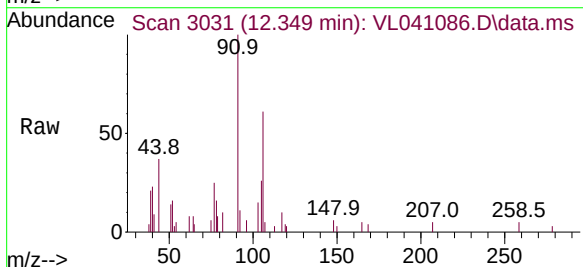
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

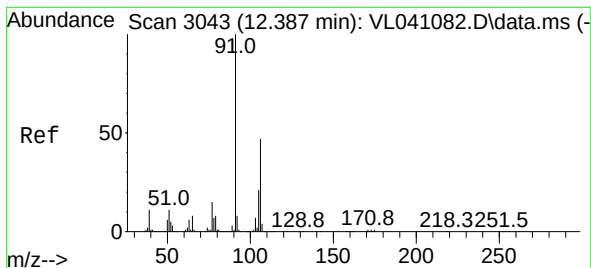
Tgt Ion:112 Resp: 6579
Ion Ratio Lower Upper
112 100
77 0.0 54.6 81.8#
114 11.1 29.4 36.0#



#58
Ethyl Benzene
Concen: 0.007 ppbv
RT: 12.349 min Scan# 3031
Delta R.T. 0.244 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 91 Resp: 2755
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

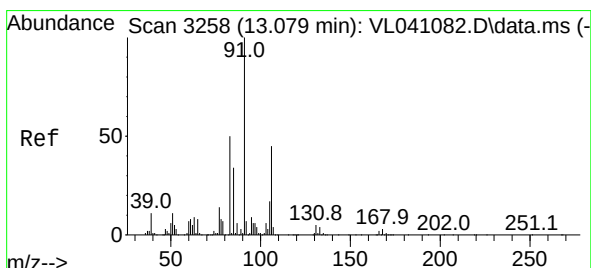
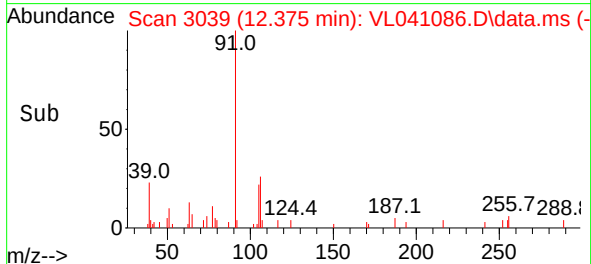
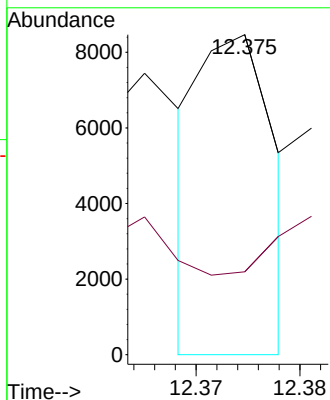
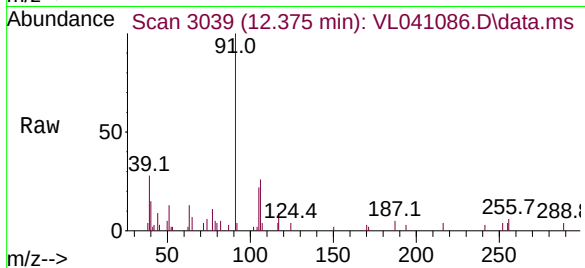




#59
m/p-Xylene
Concen: 0.013 ppbv
RT: 12.375 min Scan# 3043
Delta R.T. -0.013 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

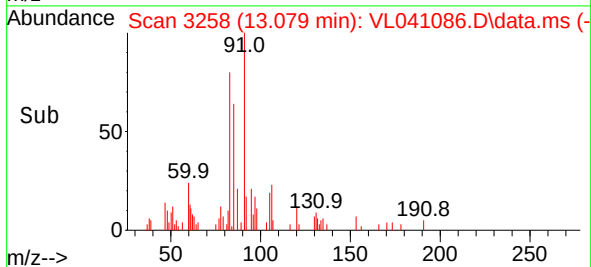
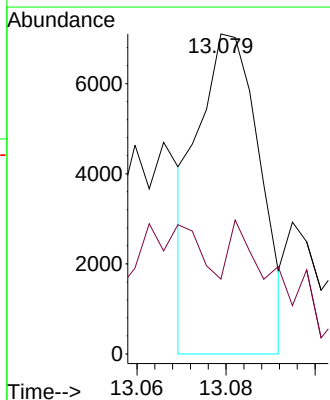
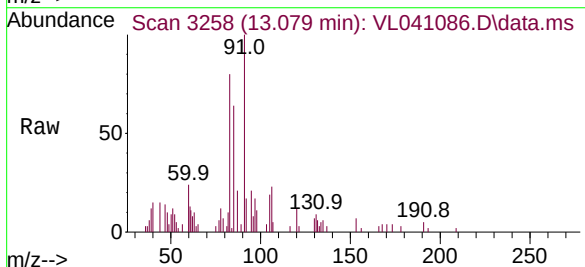
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

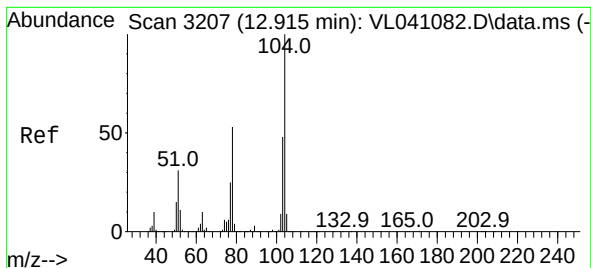
Tgt Ion: 91 Resp: 4216
Ion Ratio Lower Upper
91 100
106 312.7 35.4 53.2#



#60
o-Xylene
Concen: 0.022 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion: 91 Resp: 6884
Ion Ratio Lower Upper
91 100
106 96.1 22.4 67.3#





#61

Styrene

Concen: 0.011 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

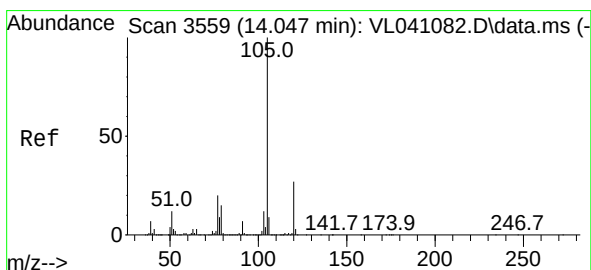
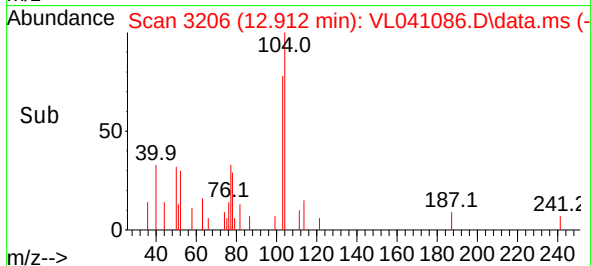
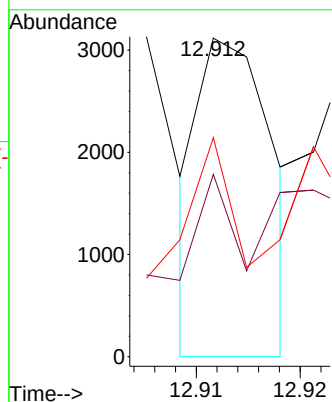
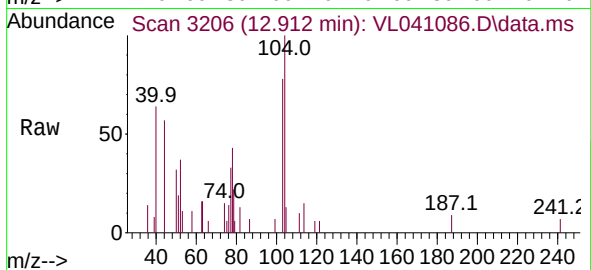
Tgt Ion:104 Resp: 1526

Ion Ratio Lower Upper

104 100

78 234.5 42.6 64.0#

103 215.4 37.3 55.9#



#62

Isopropylbenzene

Concen: 0.055 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.006 min

Lab File: VL041086.D

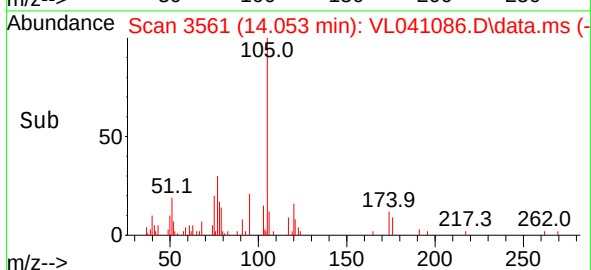
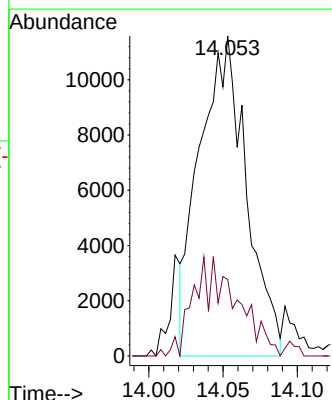
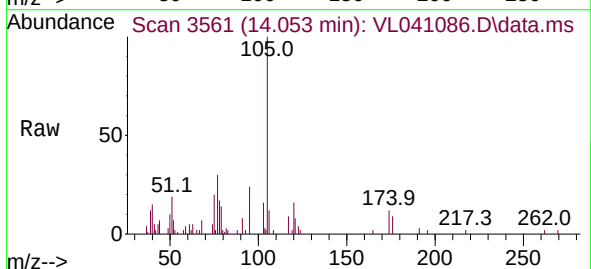
Acq: 11 Mar 2024 13:37

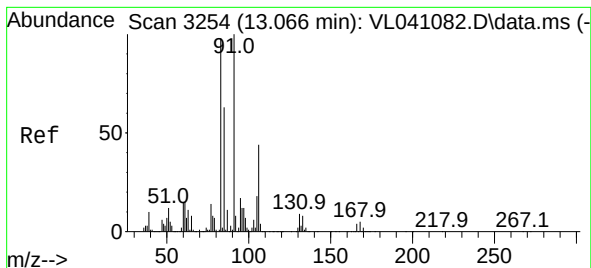
Tgt Ion:105 Resp: 25339

Ion Ratio Lower Upper

105 100

120 30.0 20.5 30.7

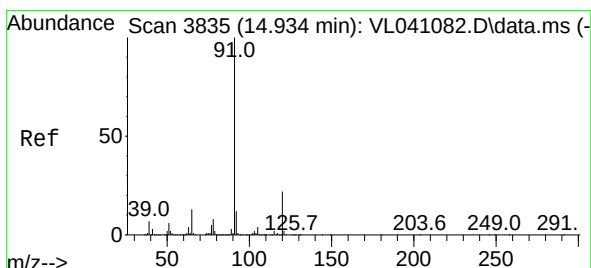
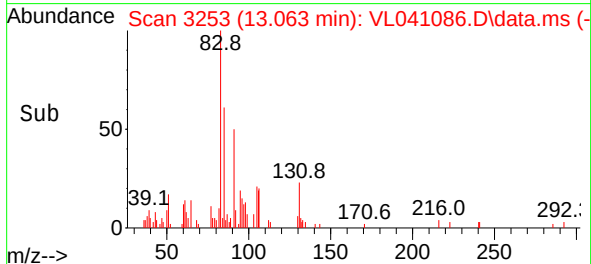
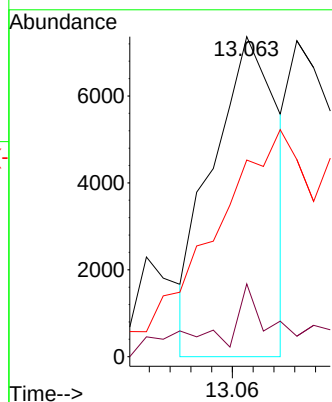
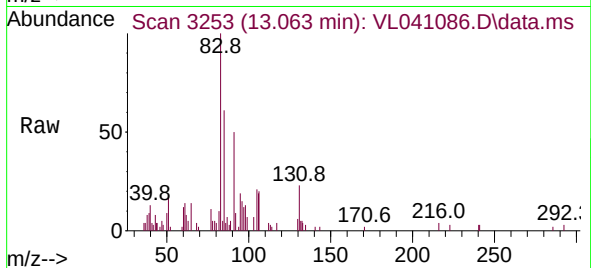




#63
1,1,2,2-Tetrachloroethane
Concen: 0.027 ppbv
RT: 13.063 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

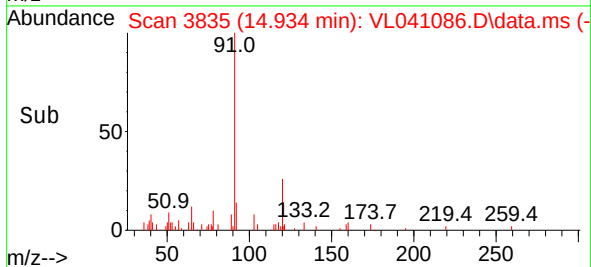
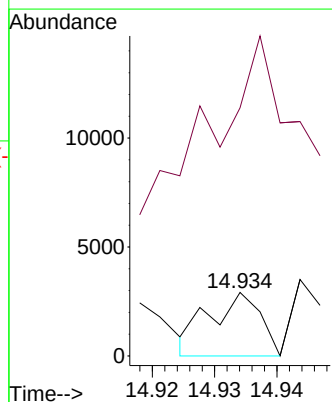
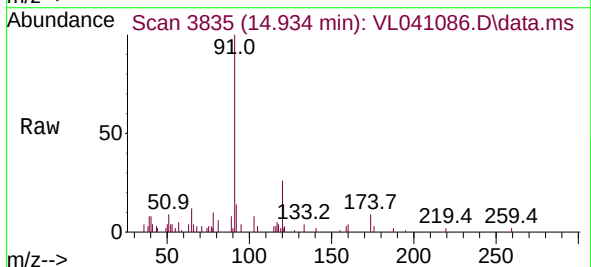
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

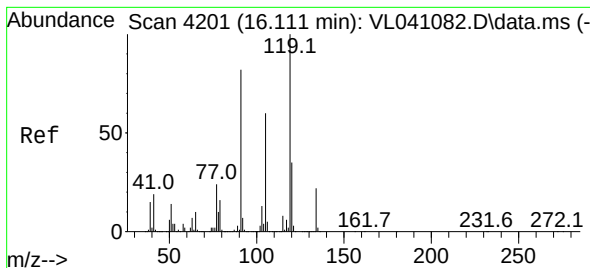
Tgt Ion: 83 Resp: 6424
Ion Ratio Lower Upper
83 100
131 35.3 4.7 14.0#
85 0.0 32.7 98.1#



#64
n-propylbenzene
Concen: 0.014 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:120 Resp: 1657
Ion Ratio Lower Upper
120 100
91 2020.5 387.5 581.3#





#65

tert-Butylbenzene

Concen: 0.033 ppbv

RT: 16.111 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

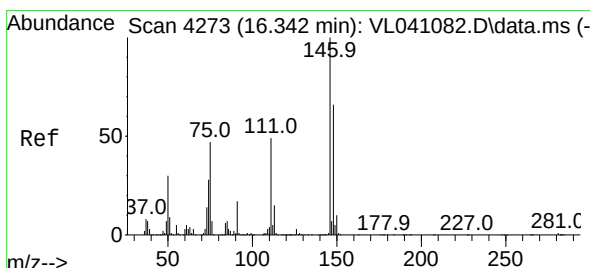
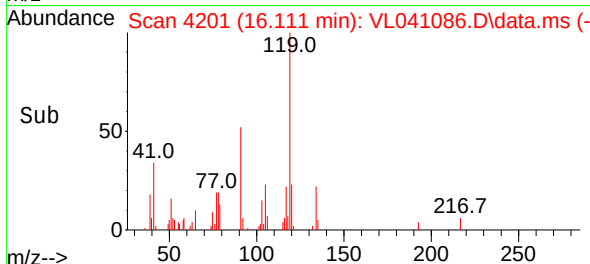
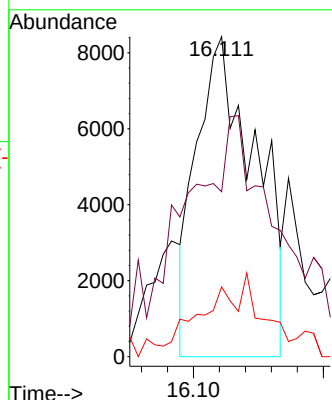
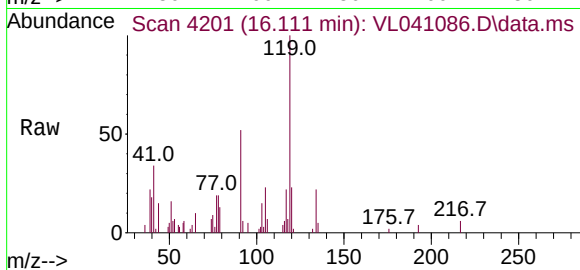
Tgt Ion:119 Resp: 13330

Ion Ratio Lower Upper

119 100

91 140.3 67.8 101.8#

134 30.7 16.2 24.2#



#66

Benzyl Chloride

Concen: 0.009 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

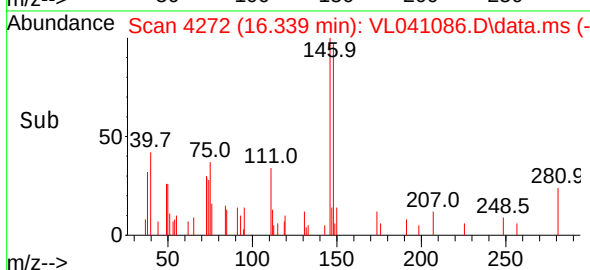
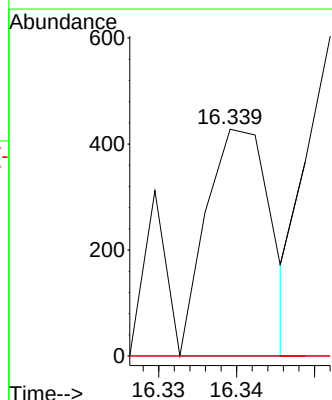
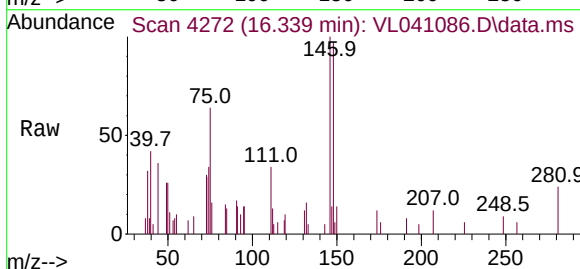
Tgt Ion: 91 Resp: 249

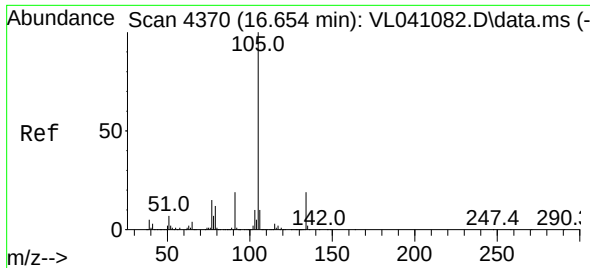
Ion Ratio Lower Upper

91 100

126 0.0 14.1 21.1#

128 0.0 4.6 7.0#

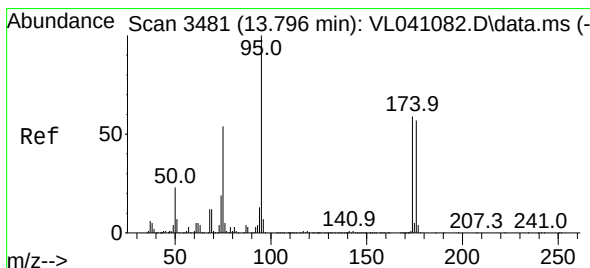
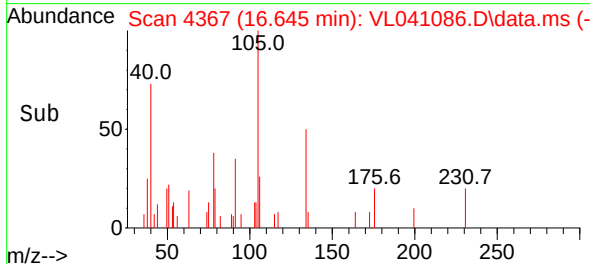
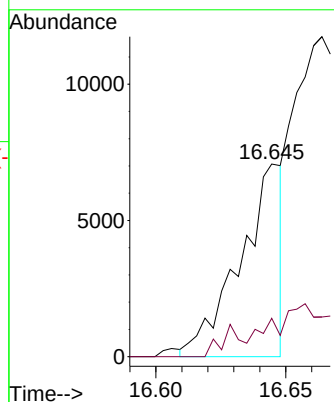
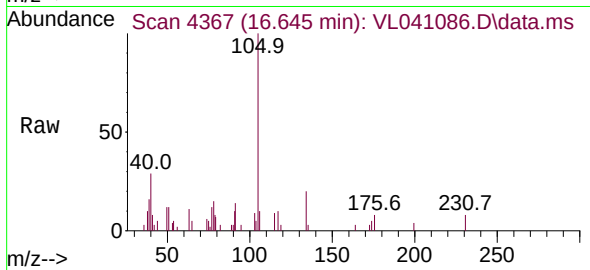




#67
 sec-Butylbenzene
 Concen: 0.014 ppbv
 RT: 16.645 min Scan# 4367
 Delta R.T. -0.010 min
 Lab File: VL041086.D
 Acq: 11 Mar 2024 13:37

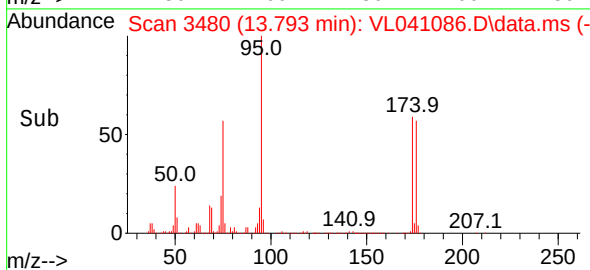
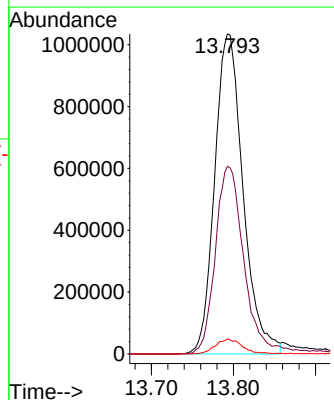
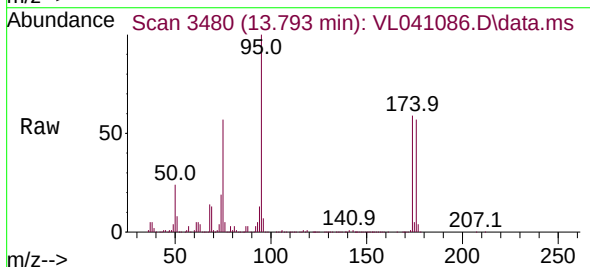
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

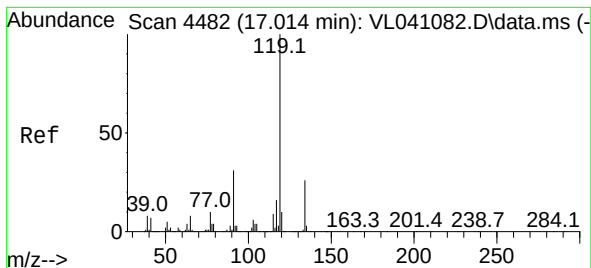
Tgt Ion:105 Resp: 7999
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.3 21.5#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.016 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. -0.003 min
 Lab File: VL041086.D
 Acq: 11 Mar 2024 13:37

Tgt Ion: 95 Resp: 2493007
 Ion Ratio Lower Upper
 95 100
 174 60.8 47.8 71.8
 175 4.6 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.009 ppbv

RT: 17.008 min Scan# 4482

Delta R.T. -0.006 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

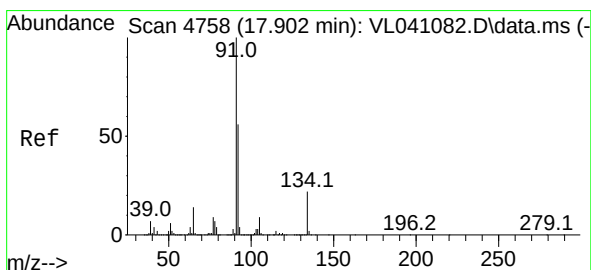
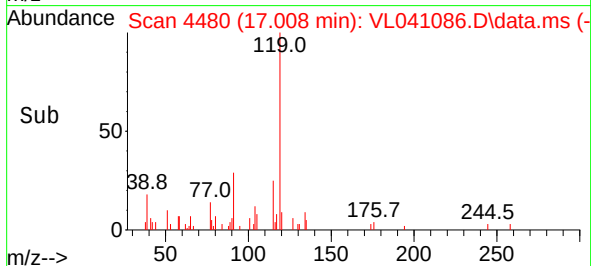
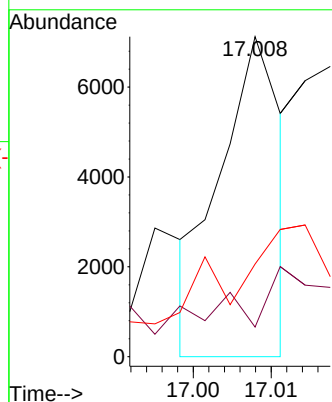
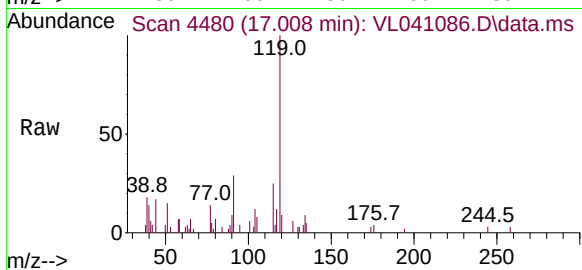
Tgt Ion:119 Resp: 3922

Ion Ratio Lower Upper

119 100

134 0.0 20.6 30.8#

91 0.0 24.7 37.1#



#70

n-Butylbenzene

Concen: 0.009 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.000 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

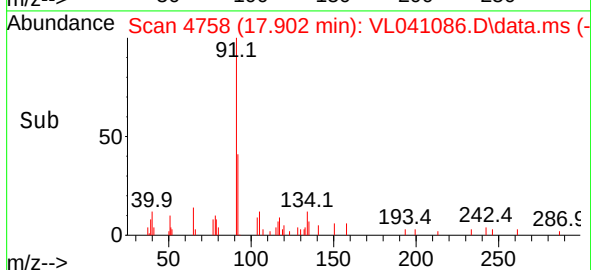
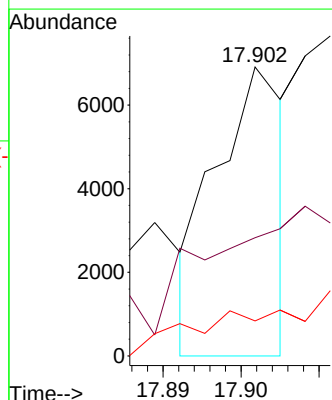
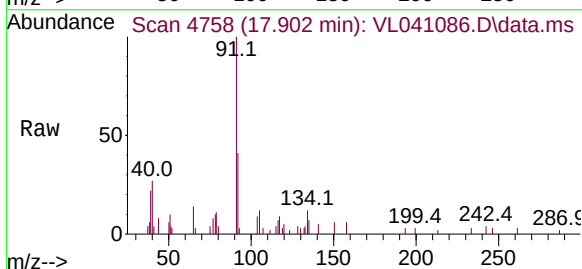
Tgt Ion: 91 Resp: 4265

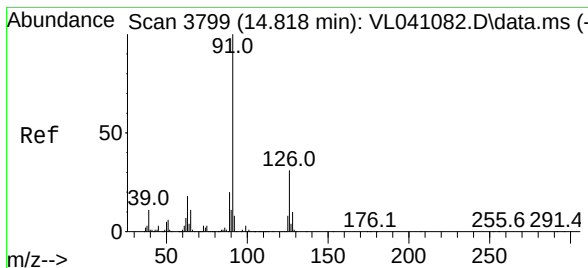
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.2#

134 0.0 17.4 26.0#

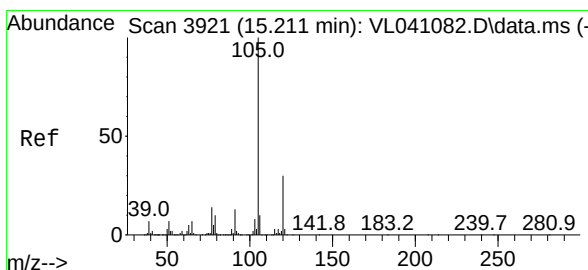
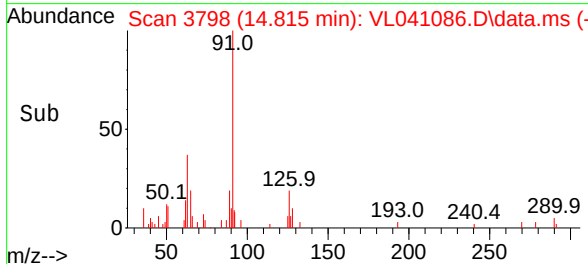
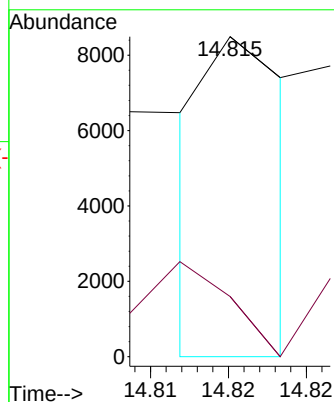
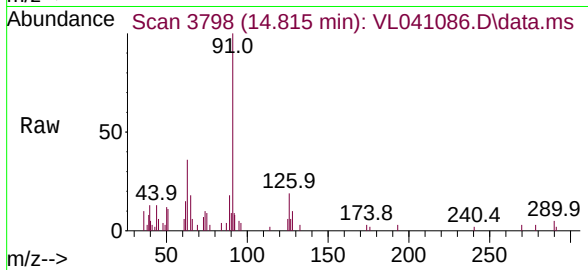




#71
2-Chlorotoluene
Concen: 0.009 ppbv
RT: 14.815 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

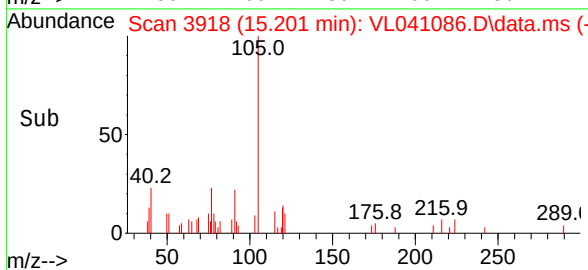
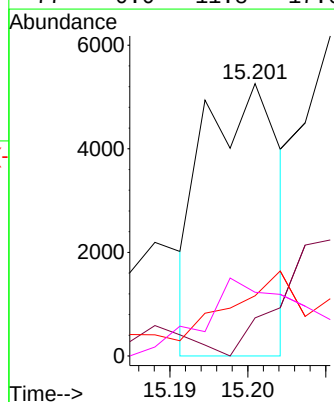
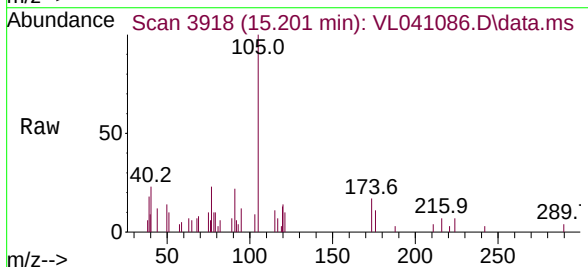
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

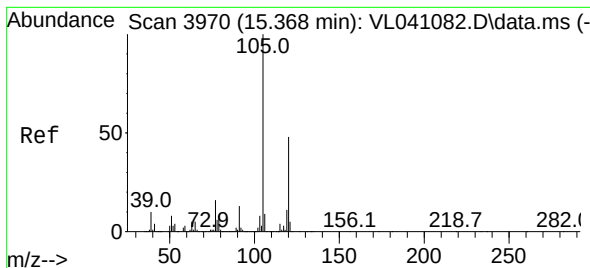
Tgt Ion: 91 Resp: 3068
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.8#



#72
4-Ethyltoluene
Concen: 0.010 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.010 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:105 Resp: 3513
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.8#
91 97.5 10.9 16.3#
77 0.0 11.8 17.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.012 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_1

ClientSampleId :

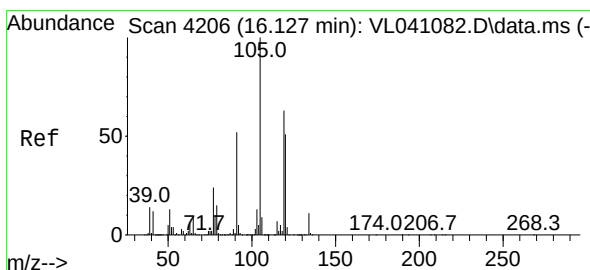
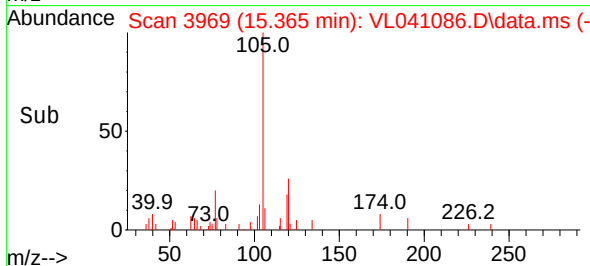
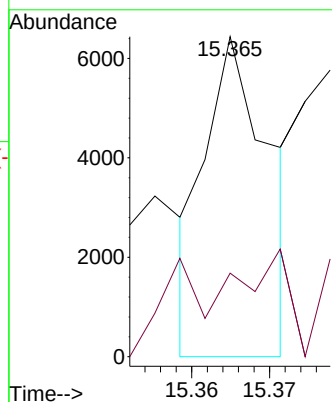
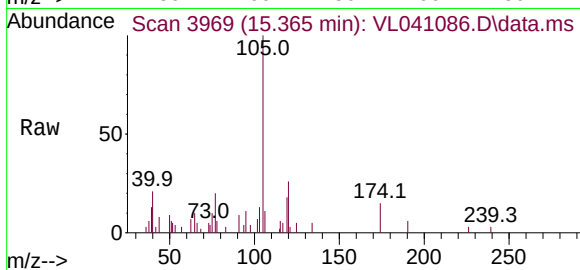
VSTDICC0.1

Tgt Ion:105 Resp: 3662

Ion Ratio Lower Upper

105 100

120 0.0 38.7 58.1#



#74

1,2,4-Trimethylbenzene

Concen: 0.009 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. -0.003 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Tgt Ion:105 Resp: 3160

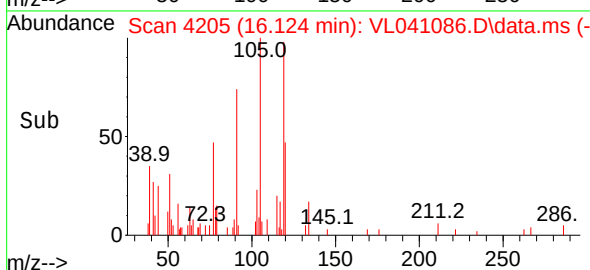
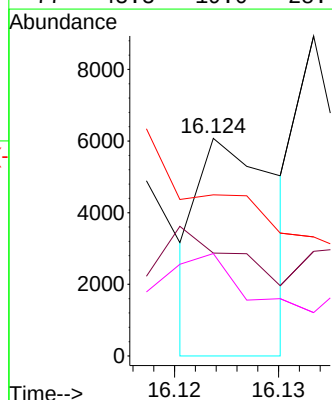
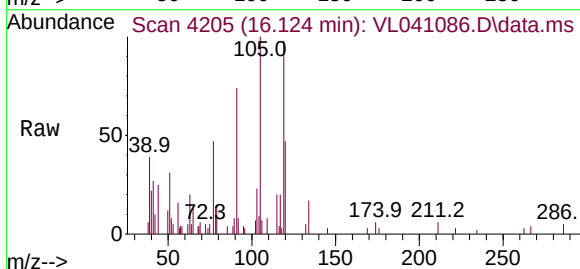
Ion Ratio Lower Upper

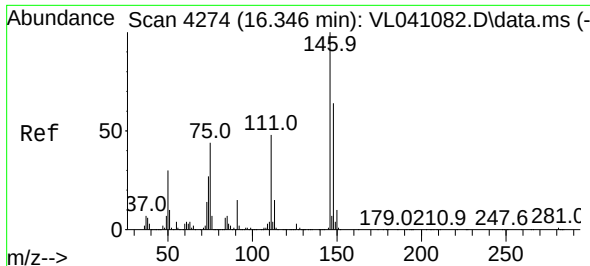
105 100

120 31.2 40.4 60.6#

91 52.9 41.4 62.0

77 43.3 19.0 28.4#

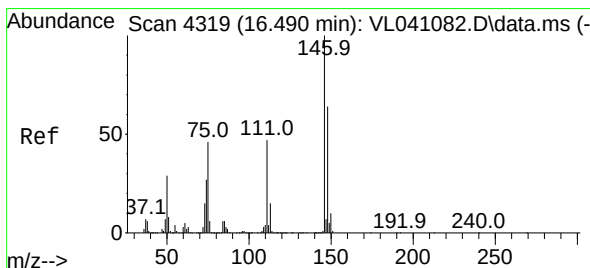
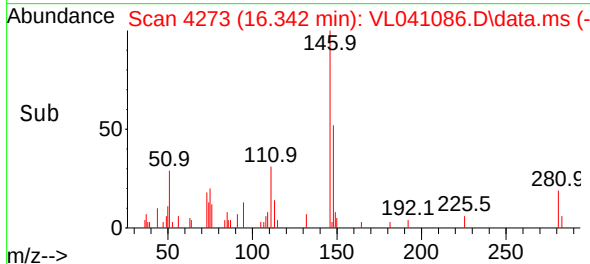
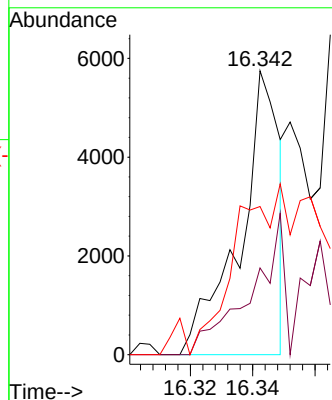
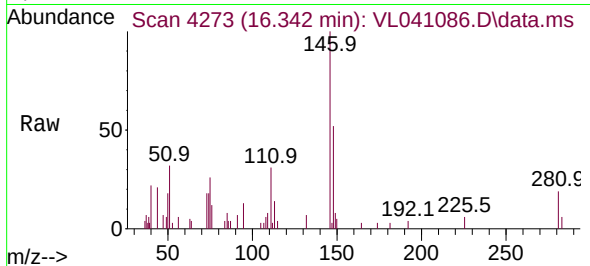




#75
1,3-Dichlorobenzene
Concen: 0.026 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

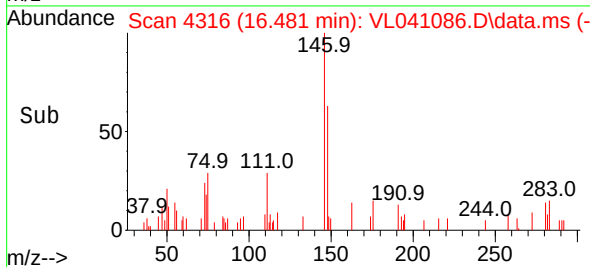
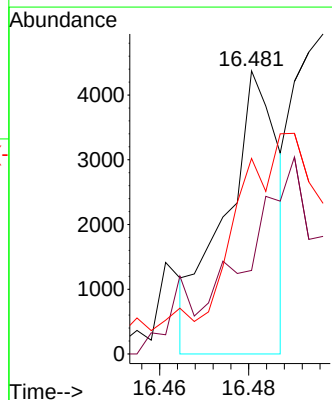
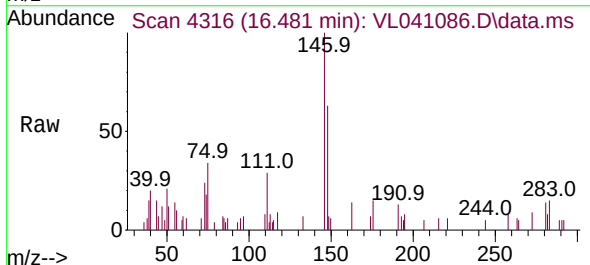
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

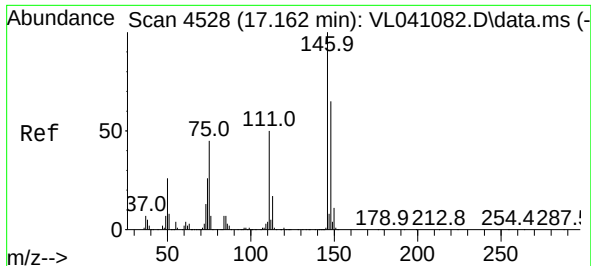
Tgt Ion:146 Resp: 5061
Ion Ratio Lower Upper
146 100
111 0.0 24.1 72.2#
148 0.0 32.6 97.7#



#76
1,4-Dichlorobenzene
Concen: 0.018 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.010 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:146 Resp: 3600
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.7#
148 0.0 32.9 98.6#

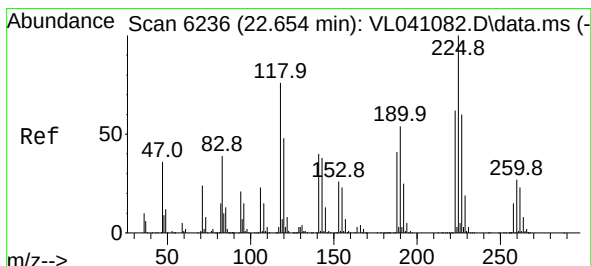
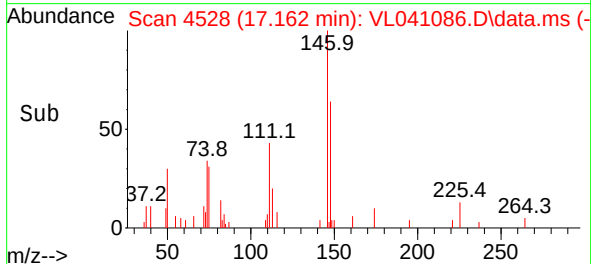
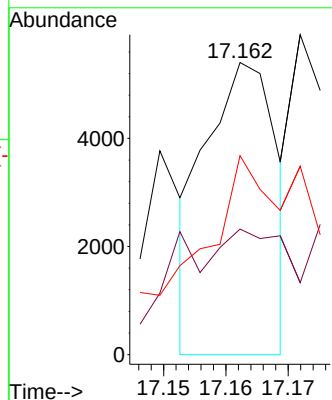
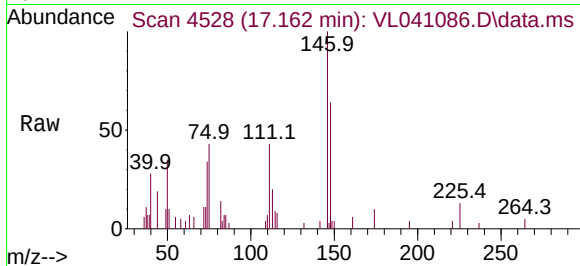




#77
1,2-Dichlorobenzene
Concen: 0.022 ppbv
RT: 17.162 min Scan# 4528
Delta R.T. 0.000 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

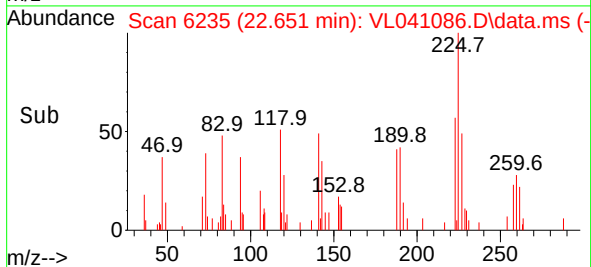
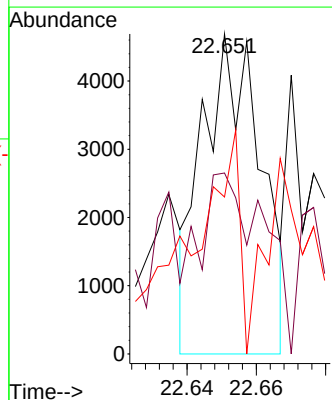
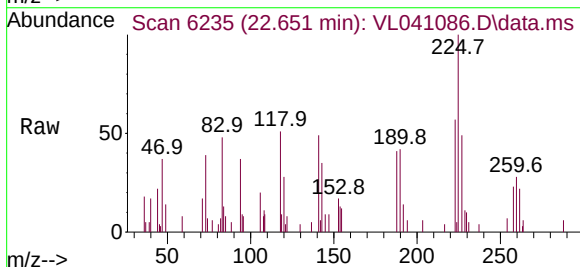
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

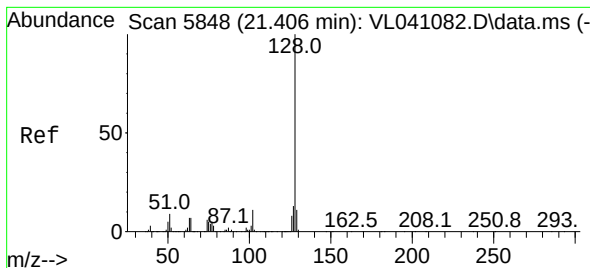
Tgt Ion:146 Resp: 4292
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 218.0 32.4 97.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.040 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. -0.003 min
Lab File: VL041086.D
Acq: 11 Mar 2024 13:37

Tgt Ion:225 Resp: 5476
Ion Ratio Lower Upper
225 100
223 131.6 51.1 76.7#
227 137.2 51.1 76.7#





#79

Naphthalene

Concen: 0.002 ppbv

RT: 21.394 min Scan# 51

Delta R.T. -0.013 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

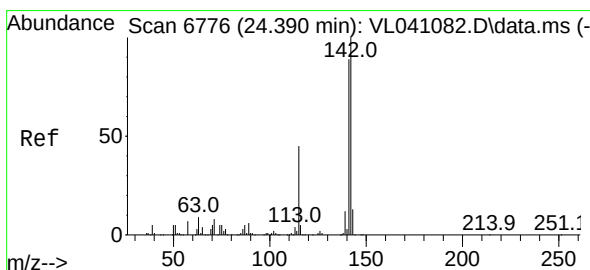
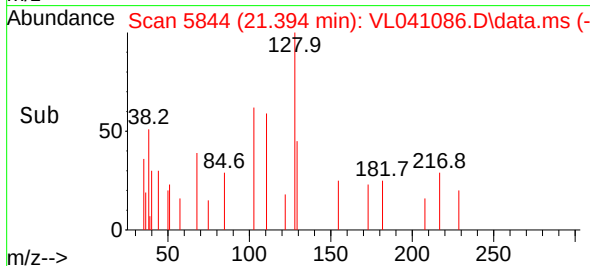
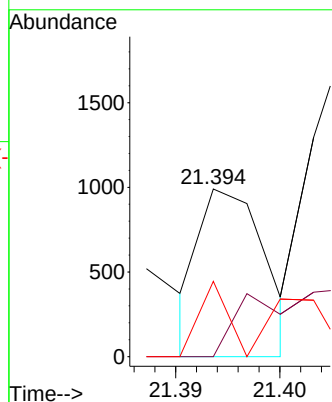
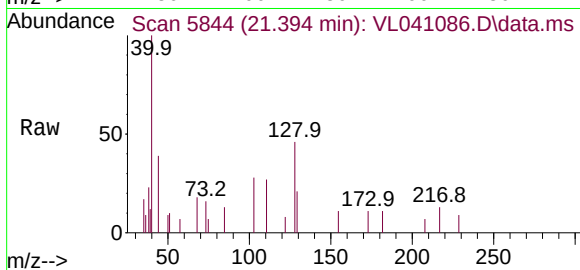
Tgt Ion:128 Resp: 433

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 72.1 9.0 13.6#



#80

Naphthalene,2-methyl-

Concen: 0.005 ppbv

RT: 24.461 min Scan# 6798

Delta R.T. 0.071 min

Lab File: VL041086.D

Acq: 11 Mar 2024 13:37

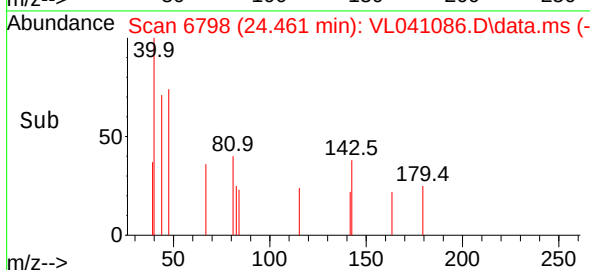
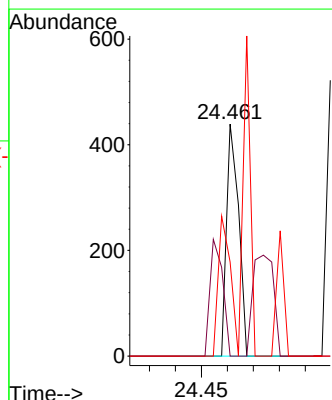
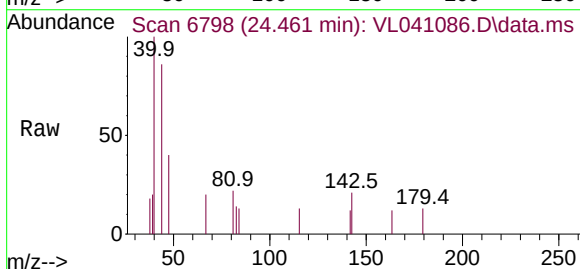
Tgt Ion:142 Resp: 140

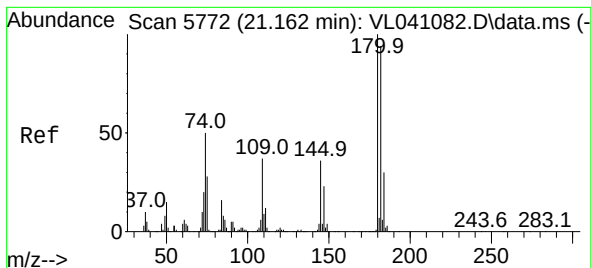
Ion Ratio Lower Upper

142 100

141 129.3 61.3 91.9#

115 144.3 35.4 53.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.006 ppbv

RT: 21.156 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL041086.D

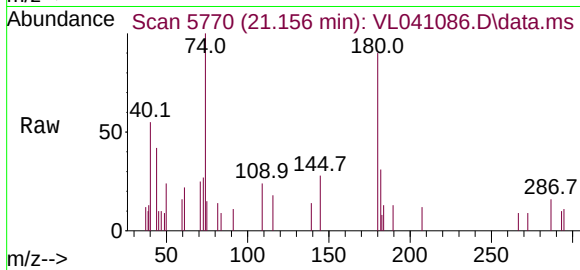
Acq: 11 Mar 2024 13:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1



Tgt Ion:180 Resp: 718

Ion Ratio Lower Upper

180 100

182 0.0 78.7 118.1#

184 153.8 25.3 37.9#

