

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041249.D
 Acq On : 9 May 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 10 01:11:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:10:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	820930	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2179271	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2630083	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1599972	8.058	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	1236433	11.135	ppbv	100
3) Chlorodifluoromethane	2.690	51	1344289	10.782	ppbv	99
4) Chloromethane	2.828	50	508951	10.403	ppbv	96
5) Vinyl Chloride	2.935	62	521176	10.604	ppbv	99
6) Bromomethane	3.134	94	192304	10.724	ppbv	92
7) Chloroethane	3.214	64	177317	10.219	ppbv	98
8) Dichlorotetrafluoroethane	2.873	85	1264611	11.003	ppbv	98
9) Propene	2.710	41	458690	9.401	ppbv	95
10) Heptane	7.597	43	1180358	9.985	ppbv	99
11) Trichlorofluoromethane	3.578	101	1295702	11.481	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.079	101	908142	10.882	ppbv	99
13) Ethanol	3.256	45	106708	9.756	ppbv	93
14) Bromoethene	3.382	108	374656	10.878	ppbv	99
15) Acetone	3.481	43	968339	9.995	ppbv	97
16) 1,3-Butadiene	2.999	39	529276	10.822	ppbv	98
17) tert-Butyl alcohol	3.890	59	941173	9.005	ppbv	99
18) 1,1-Dichloroethene	3.896	96	404122	10.860	ppbv	100
19) Isopropyl Alcohol	3.591	45	680982	10.712	ppbv #	45
20) Methylene Chloride	3.947	84	336562	9.990	ppbv	93
21) Allyl Chloride	4.012	41	640458	10.138	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	436434	11.278	ppbv	98
23) Vinyl Acetate	4.639	43	1118175	10.481	ppbv	99
24) 1,1-Dichloroethane	4.578	63	899275	10.840	ppbv	99
25) Ethyl Acetate	5.221	43	1975899	10.218	ppbv	99
26) Hexane	5.227	57	861763	9.986	ppbv	99
27) Carbon Disulfide	4.140	76	1098605	10.754	ppbv	97
28) Methyl tert-Butyl Ether	4.600	73	661617	9.629	ppbv	100
29) Chloroform	5.288	83	1346439	11.310	ppbv	98
30) Cyclohexane	6.616	84	719501	10.533	ppbv	98
31) cis-1,2-Dichloroethene	5.095	61	861827	10.668	ppbv	93
32) 1,1,1-Trichloroethane	6.018	97	1338829	11.271	ppbv	99
34) 2-Butanone	4.799	43	1067522	9.624	ppbv	99
35) Carbon Tetrachloride	6.510	117	1375094	11.243	ppbv	97
36) Benzene	6.385	78	1828785	10.000	ppbv	100
37) 1,2-Dichloroethane	5.822	62	1053250	11.038	ppbv	99
38) Trichloroethene	7.307	130	710622	10.427	ppbv	96
39) 1,2-Dichloropropane	7.089	63	698098	9.905	ppbv	96
40) 1,4-Dioxane	7.298	88	271241	10.772	ppbv	94
41) Tetrahydrofuran	5.571	42	749610	9.335	ppbv	99
42) Bromodichloromethane	7.262	83	1513059	11.056	ppbv	98
43) Methyl Methacrylate	7.487	69	727418	9.834	ppbv	96
44) 2,2,4-Trimethylpentane	7.340	57	3071786	9.742	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	565420	10.549	ppbv	96

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 Acq On : 9 May 2024 8:46
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

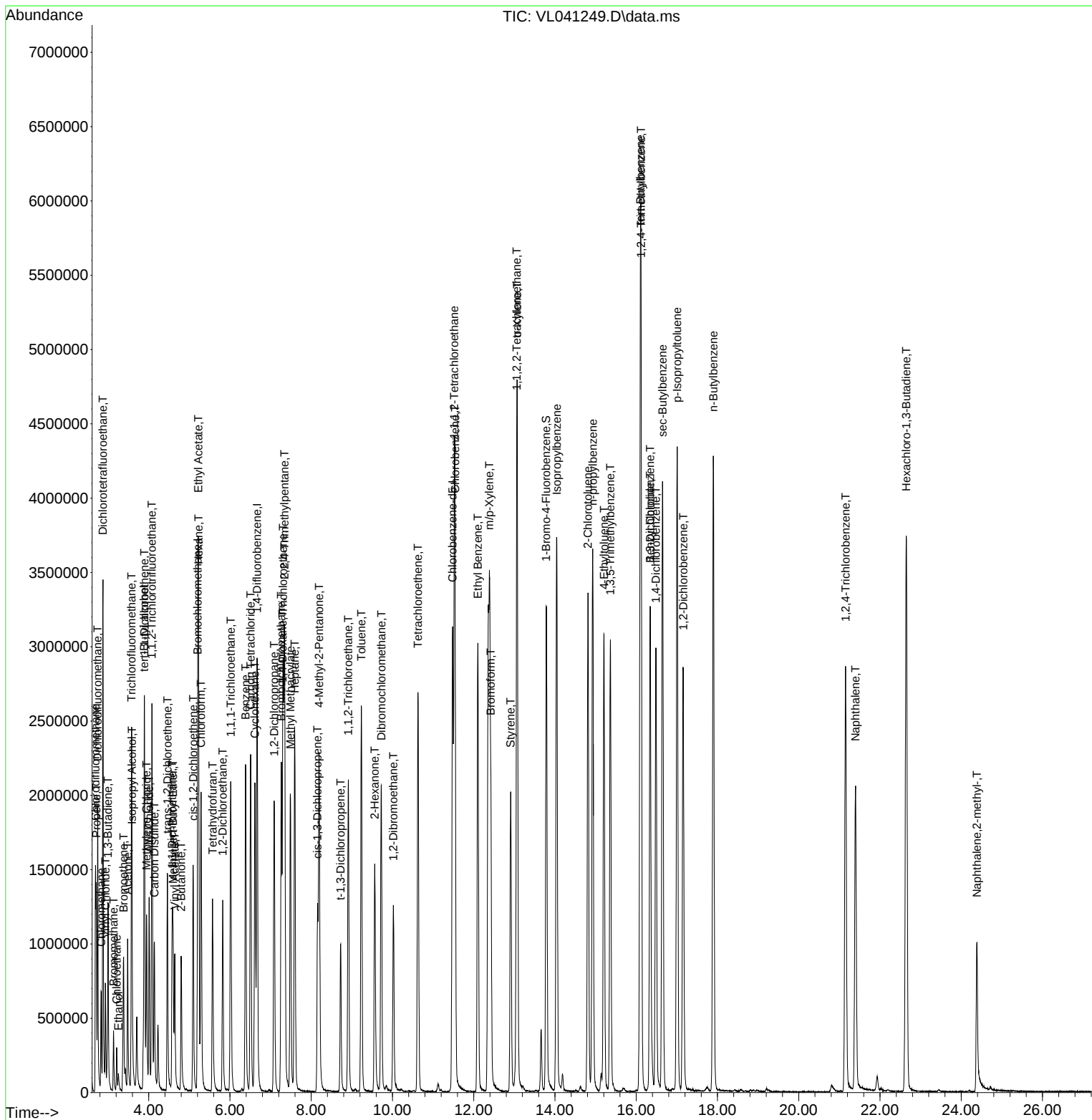
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 MSVOA_L
 ClientSampleId :

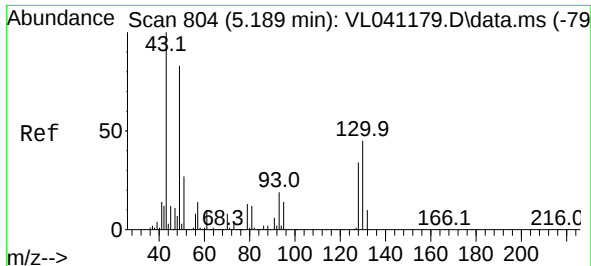
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:10:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	673402	10.262	ppbv	98
47) 1,1,2-Trichloroethane	8.915	97	749348	10.622	ppbv	99
48) Dibromochloromethane	9.725	129	1271834	11.315	ppbv	100
49) Bromoform	12.420	173	1059899	11.085	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1929006	9.691	ppbv	100
51) 2-Hexanone	9.565	43	1418637	9.608	ppbv #	97
52) Tetrachloroethene	10.629	164	644730	10.030	ppbv	97
53) Toluene	9.233	91	2140627	10.095	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1052284	11.013	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.523	131	932697	8.746	ppbv	95
57) Chlorobenzene	11.542	112	1597192	8.292	ppbv	99
58) Ethyl Benzene	12.101	91	2876713	7.977	ppbv	98
59) m/p-Xylene	12.384	91	2579810	8.511	ppbv #	40
60) o-Xylene	13.069	91	2306052	8.117	ppbv	100
61) Styrene	12.908	104	1265553	8.432	ppbv	98
62) Isopropylbenzene	14.043	105	3439295	8.093	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1605625	8.291	ppbv	99
64) n-propylbenzene	14.931	120	899768	8.486	ppbv	97
65) tert-Butylbenzene	16.101	119	3031786	7.965	ppbv	100
66) Benzyl Chloride	16.346	91	122238	2.837	ppbv #	65
67) sec-Butylbenzene	16.648	105	4303083	8.031	ppbv	99
69) p-Isopropyltoluene	17.008	119	3581459	8.111	ppbv	100
70) n-Butylbenzene	17.899	91	3742533	8.116	ppbv	99
71) 2-Chlorotoluene	14.812	91	2641930	8.165	ppbv	98
72) 4-Ethyltoluene	15.207	105	2740169	8.515	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	2427565	8.337	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	2620017	8.239	ppbv	97
75) 1,3-Dichlorobenzene	16.342	146	1567052	8.594	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1537184	8.766	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1503936	8.251	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1073809	6.628	ppbv	99
79) Naphthalene	21.400	128	2621234	8.656	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	781850	6.418	ppbv	98
81) 1,2,4-Trichlorobenzene	21.153	180	1261621	7.890	ppbv	100

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

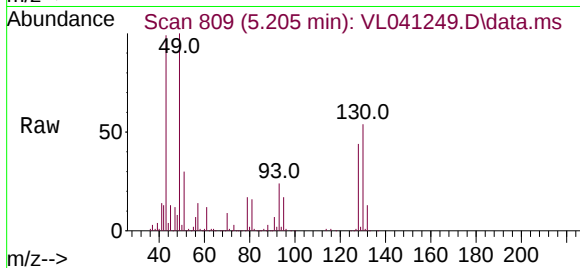
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QLast Update : Fri May 10 01:10:17 2024
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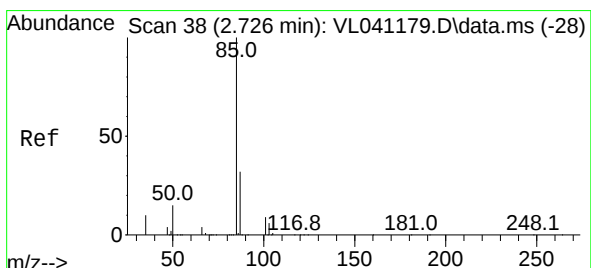
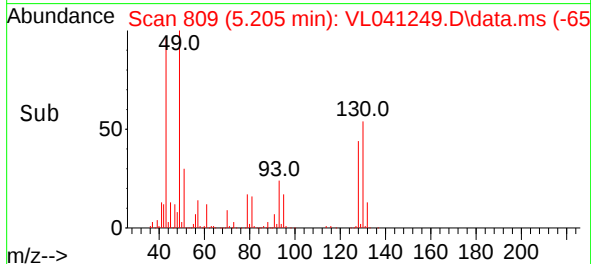
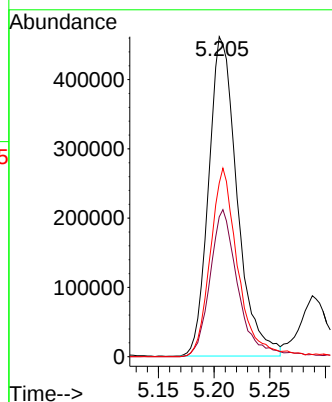


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.205 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :

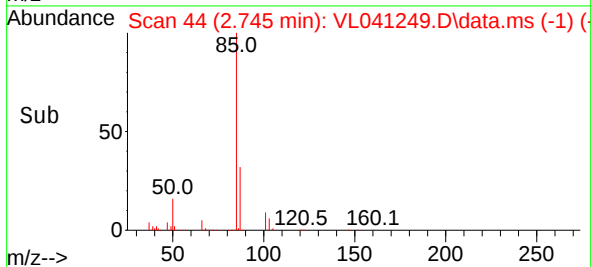
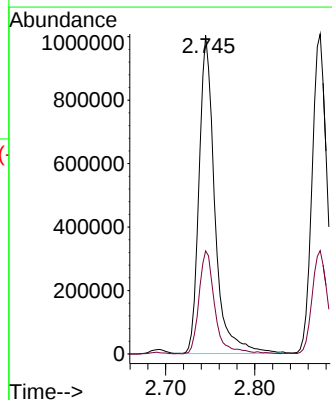
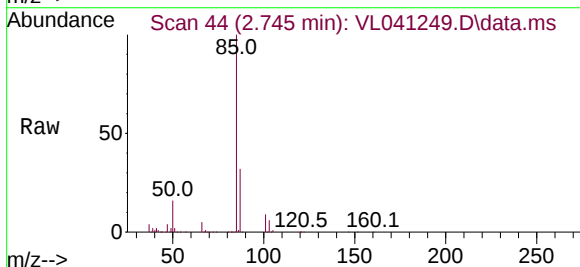


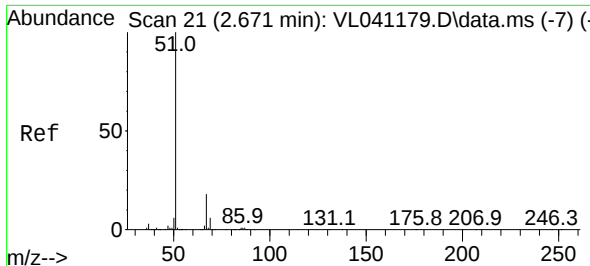
Tgt Ion: 49 Resp: 820930
 Ion Ratio Lower Upper
 49 100
 128 45.9 21.5 64.5
 130 57.9 27.2 81.6



#2
 Dichlorodifluoromethane
 Concen: 11.135 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Tgt Ion: 85 Resp: 1236433
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.782 ppbv

RT: 2.690 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

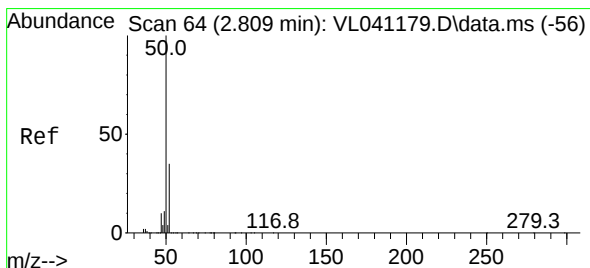
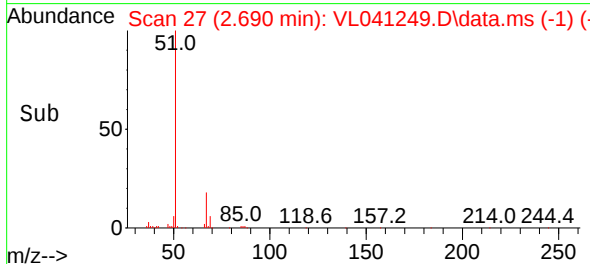
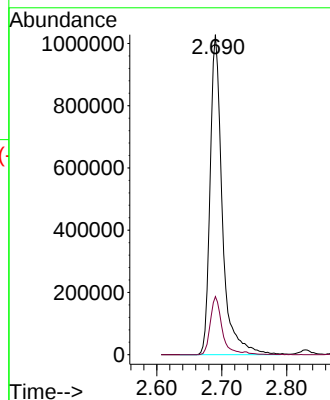
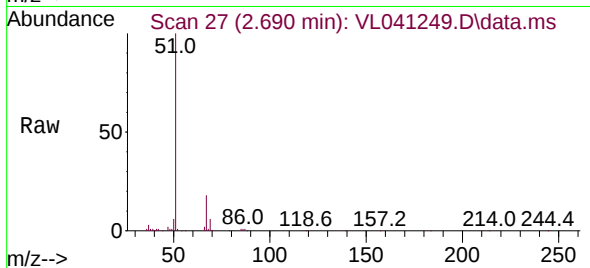
ClientSampleId :

Tgt Ion: 51 Resp: 1344289

Ion Ratio Lower Upper

51 100

67 18.1 14.0 21.0



#4

Chloromethane

Concen: 10.403 ppbv

RT: 2.828 min Scan# 70

Delta R.T. 0.000 min

Lab File: VL041249.D

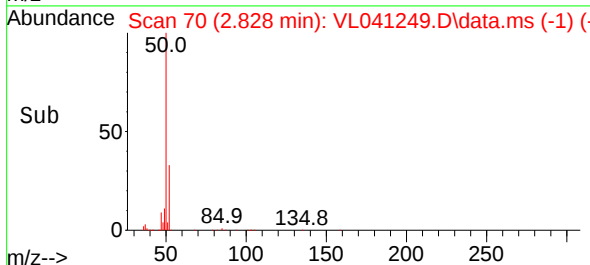
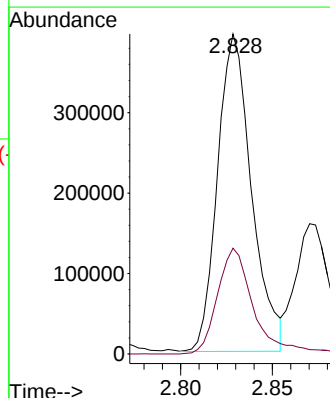
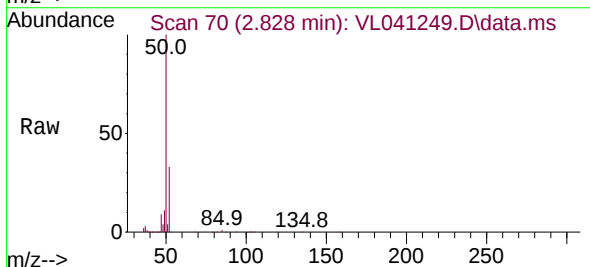
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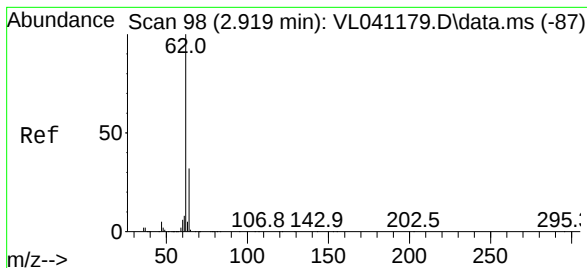
Tgt Ion: 50 Resp: 508951

Ion Ratio Lower Upper

50 100

52 33.4 28.3 42.5

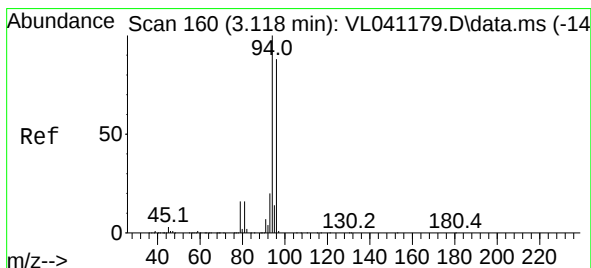
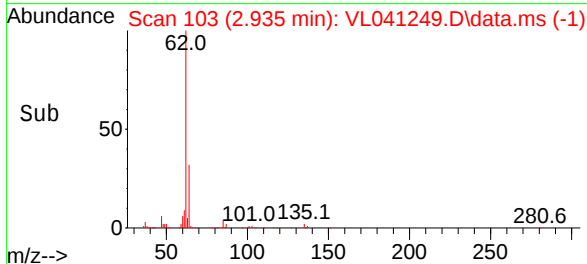
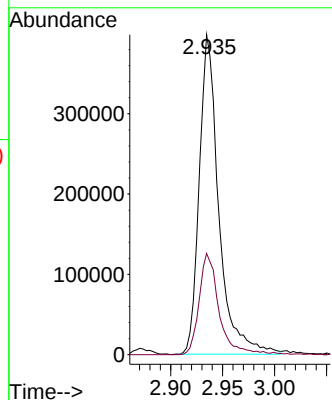
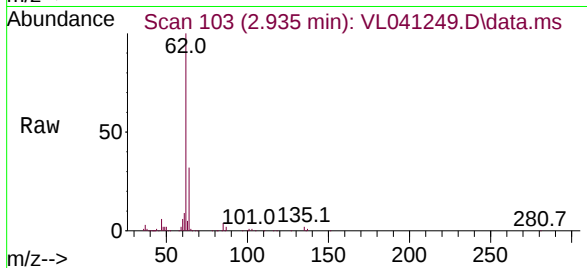




#5
 Vinyl Chloride
 Concen: 10.604 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

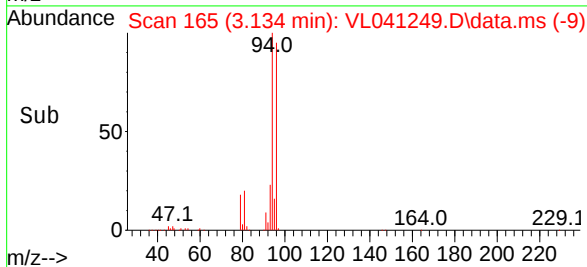
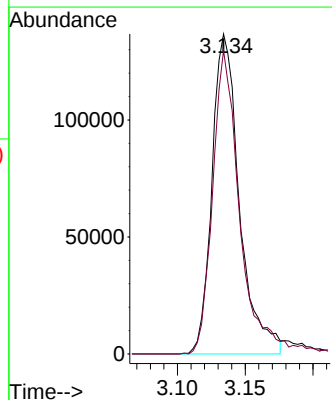
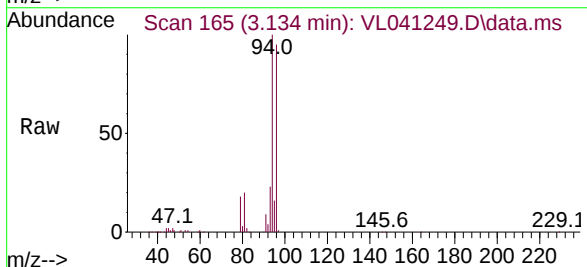
Instrument :
 MSVOA_L
 ClientSampleId :

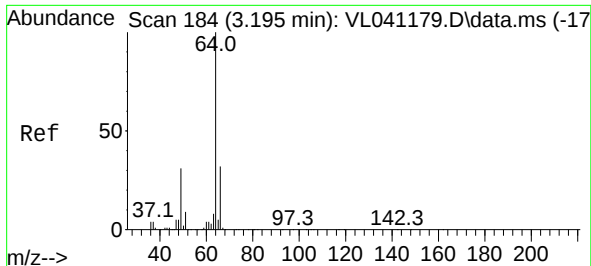
Tgt Ion: 62 Resp: 521176
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.7 38.5



#6
 Bromomethane
 Concen: 10.724 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Tgt Ion: 94 Resp: 192304
 Ion Ratio Lower Upper
 94 100
 96 94.9 70.1 105.1

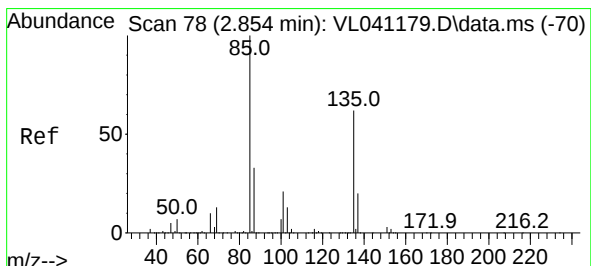
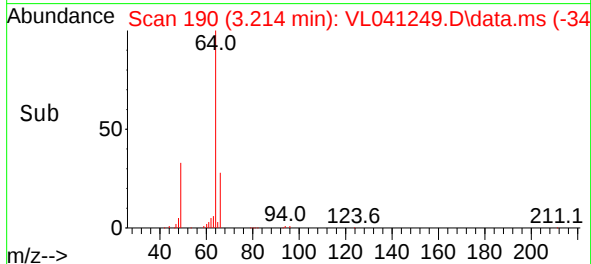
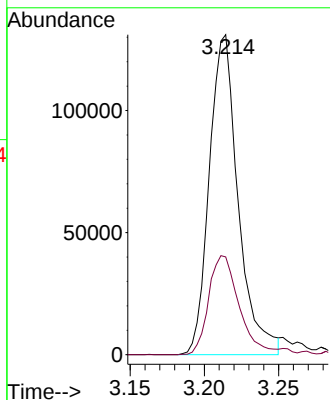
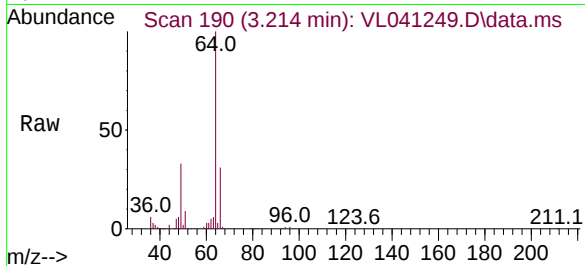




#7
Chloroethane
Concen: 10.219 ppbv
RT: 3.214 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

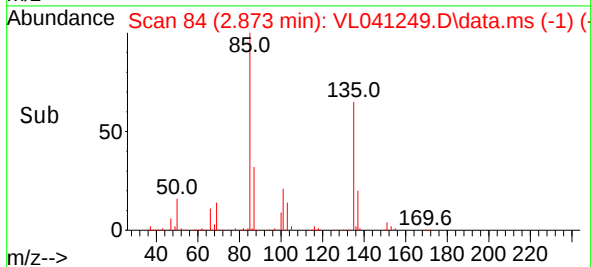
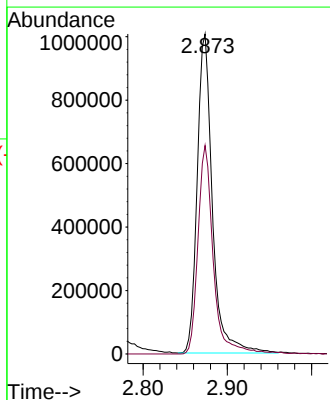
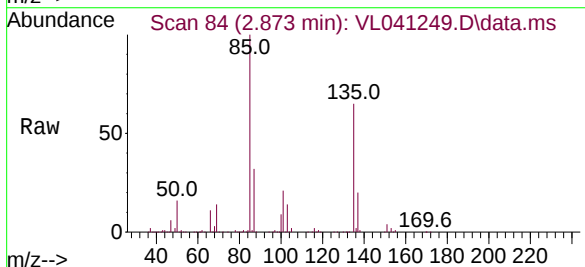
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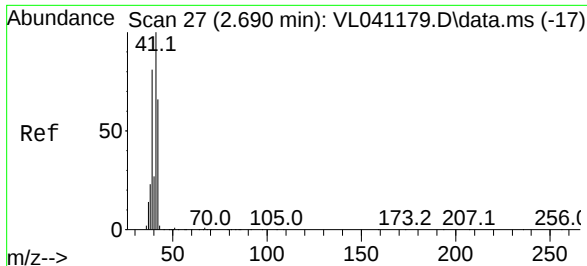
Tgt Ion: 64 Resp: 177317
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 11.003 ppbv
RT: 2.873 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 85 Resp: 1264611
Ion Ratio Lower Upper
85 100
135 66.3 51.5 77.3





#9

Propene

Concen: 9.401 ppbv

RT: 2.710 min Scan# 30

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

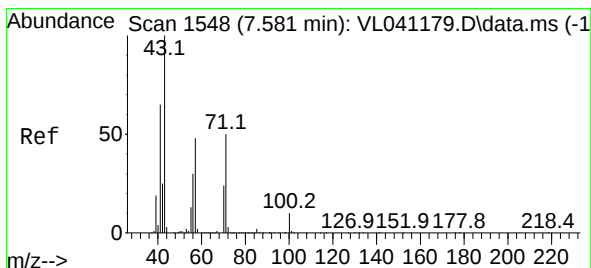
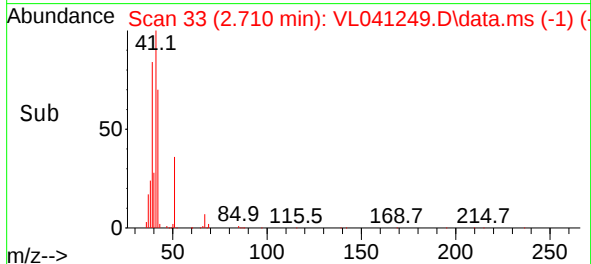
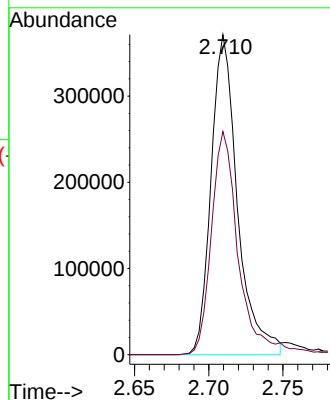
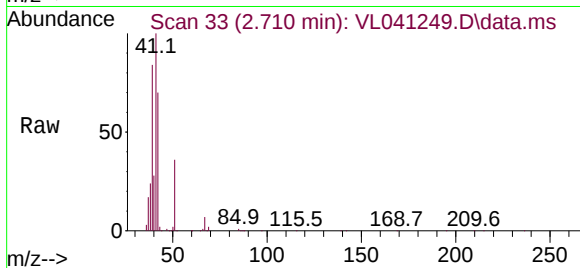
ClientSampleId :

Tgt Ion: 41 Resp: 458690

Ion Ratio Lower Upper

41 100

42 72.8 55.3 82.9



#10

Heptane

Concen: 9.985 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VL041249.D

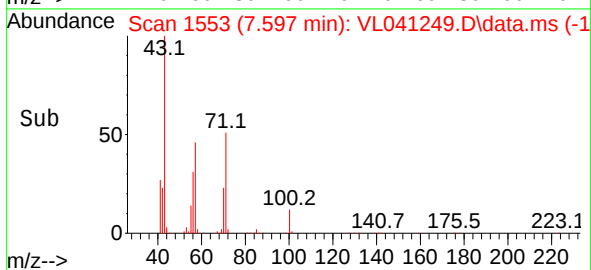
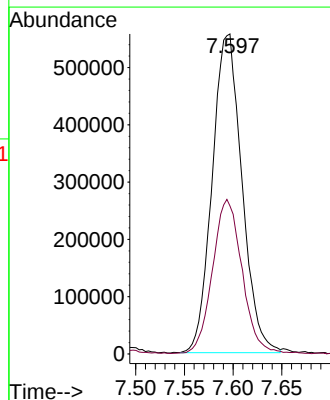
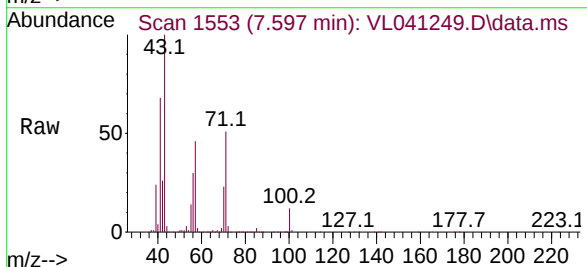
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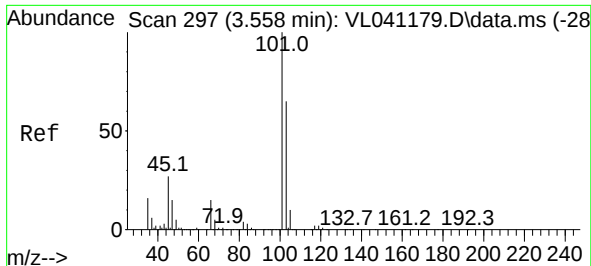
Tgt Ion: 43 Resp: 1180358

Ion Ratio Lower Upper

43 100

57 47.8 38.7 58.1





#11

Trichlorofluoromethane

Concen: 11.481 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

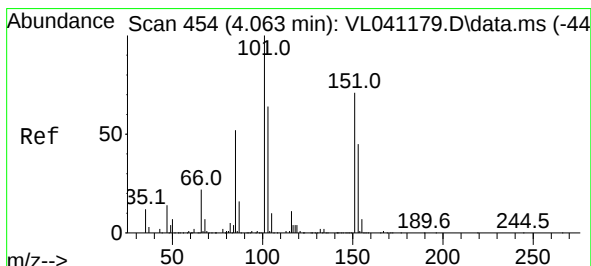
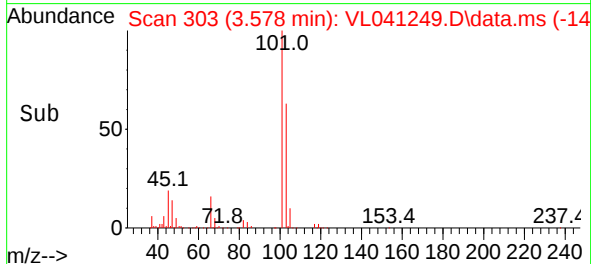
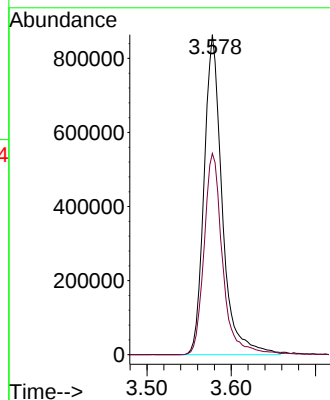
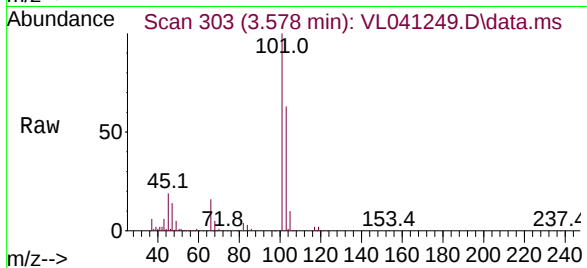
ClientSampleId :

Tgt Ion:101 Resp: 1295702

Ion Ratio Lower Upper

101 100

103 62.9 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.882 ppbv

RT: 4.079 min Scan# 459

Delta R.T. 0.000 min

Lab File: VL041249.D

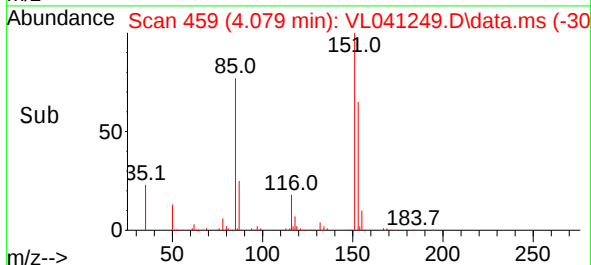
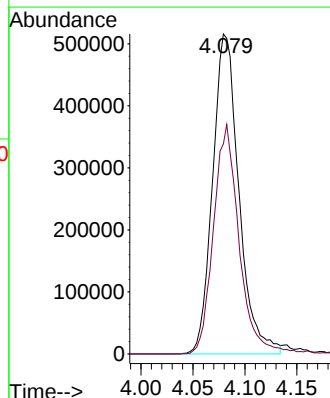
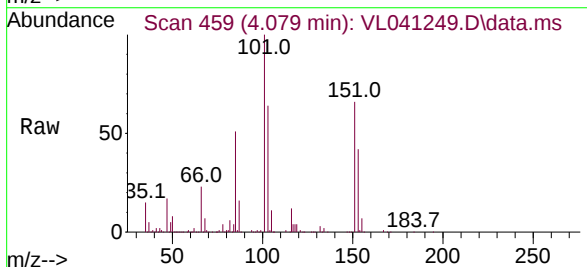
Acq: 9 May 2024 8:46

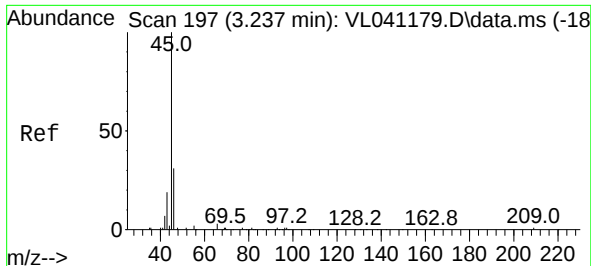
Tgt Ion:101 Resp: 908142

Ion Ratio Lower Upper

101 100

151 70.3 56.8 85.2





#13

Ethanol

Concen: 9.756 ppbv

RT: 3.256 min Scan# 203

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

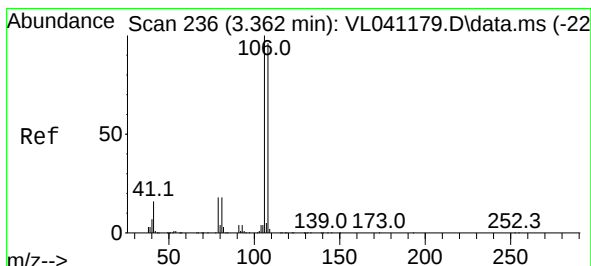
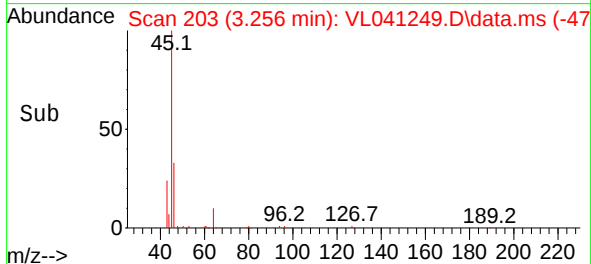
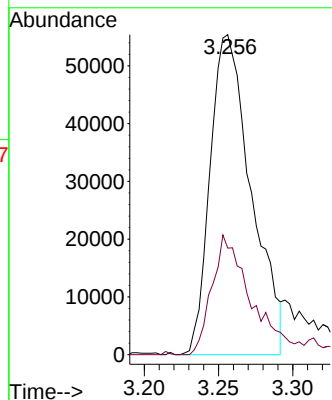
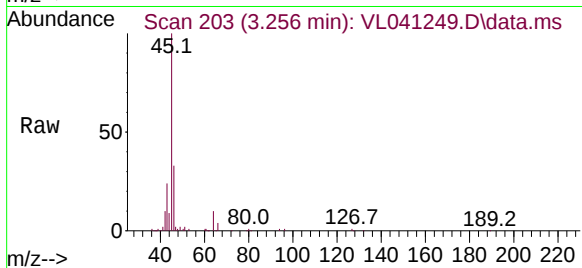
ClientSampleId :

Tgt Ion: 45 Resp: 106708

Ion Ratio Lower Upper

45 100

46 40.9 14.8 59.0



#14

Bromoethene

Concen: 10.878 ppbv

RT: 3.382 min Scan# 242

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

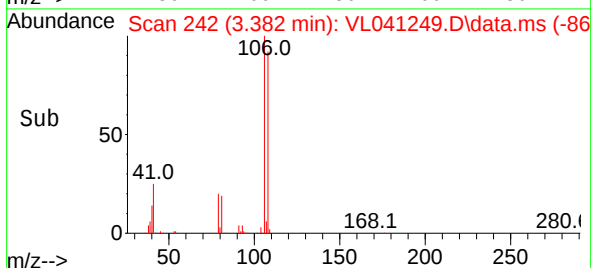
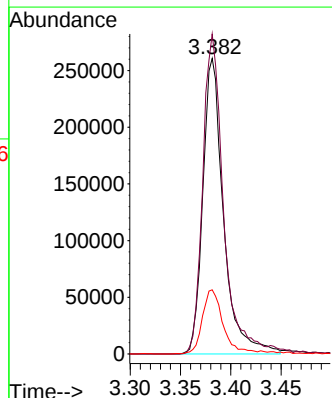
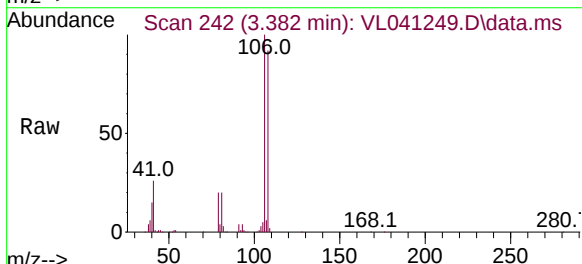
Tgt Ion: 108 Resp: 374656

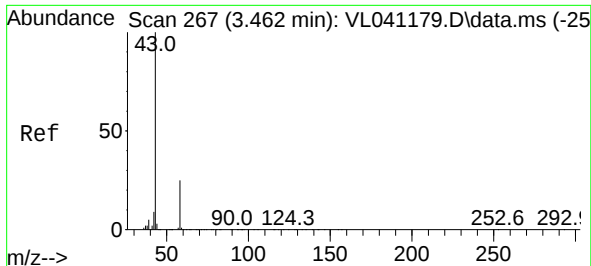
Ion Ratio Lower Upper

108 100

106 109.9 88.2 132.4

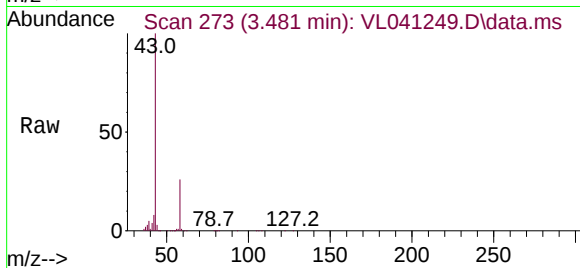
79 22.9 17.4 26.0



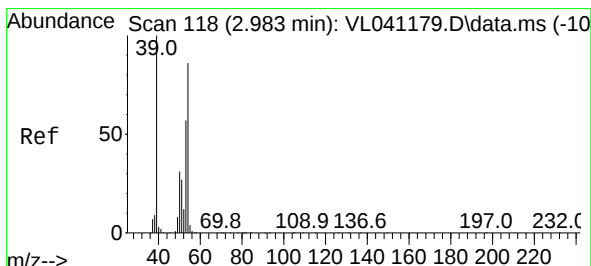
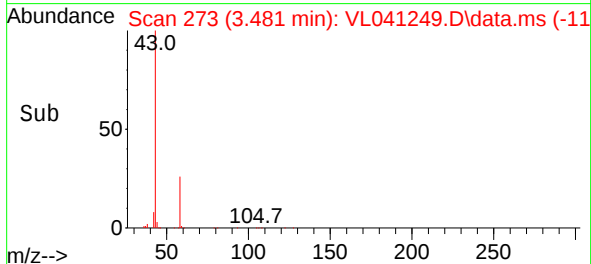
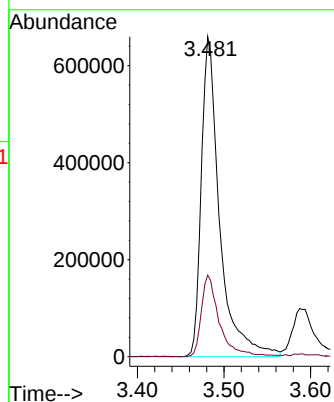


#15
Acetone
Concen: 9.995 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :

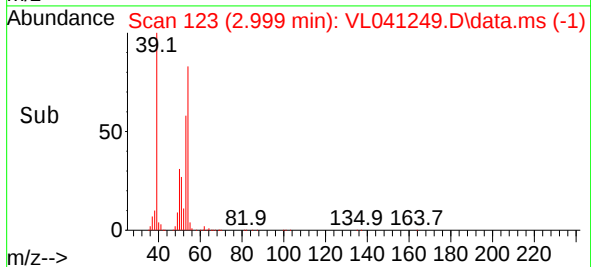
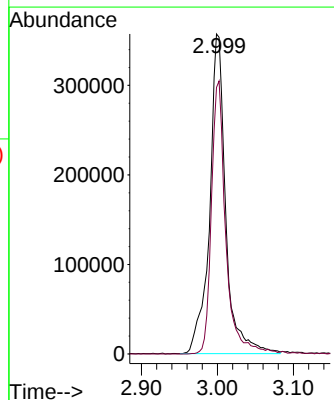
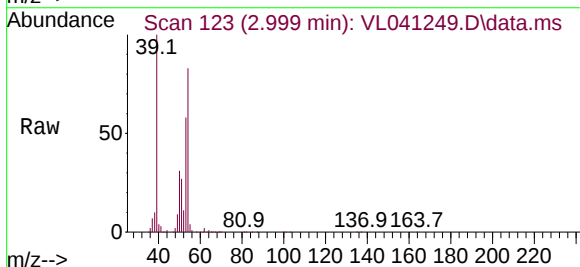


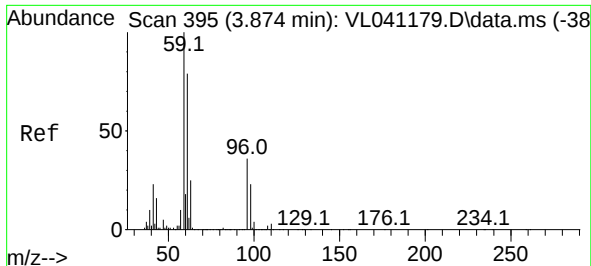
Tgt Ion: 43 Resp: 968339
Ion Ratio Lower Upper
43 100
58 25.3 21.4 32.0



#16
1,3-Butadiene
Concen: 10.822 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 39 Resp: 529276
Ion Ratio Lower Upper
39 100
54 76.0 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.005 ppbv

RT: 3.890 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

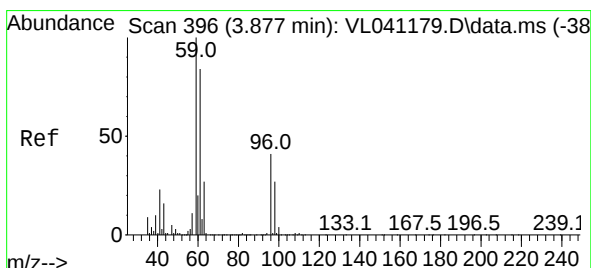
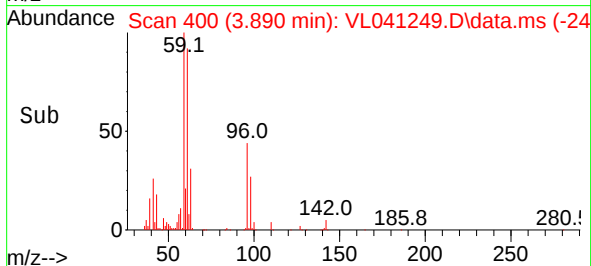
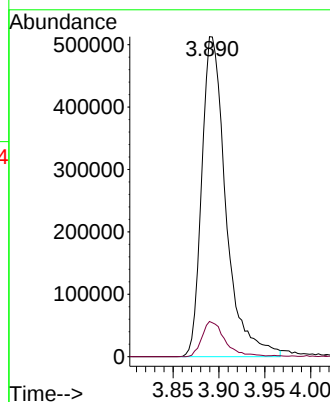
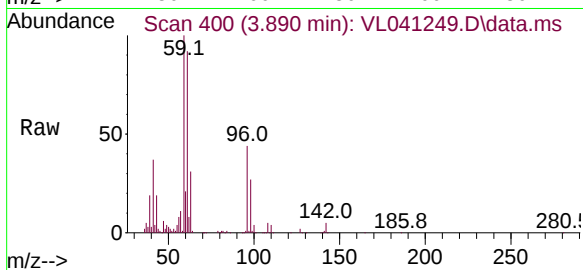
ClientSampleId :

Tgt Ion: 59 Resp: 941173

Ion Ratio Lower Upper

59 100

57 10.8 8.4 12.6



#18

1,1-Dichloroethene

Concen: 10.860 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

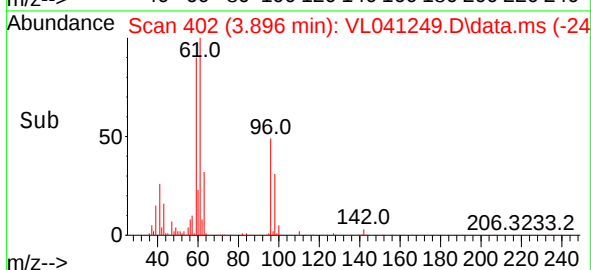
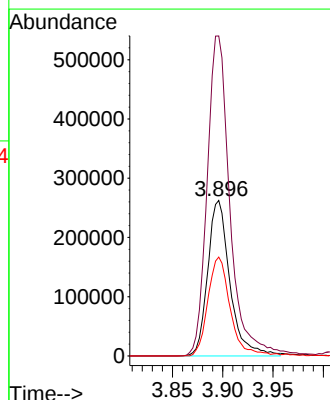
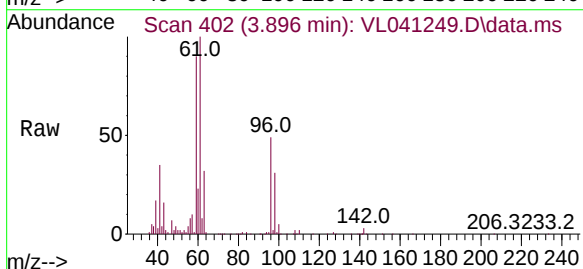
Tgt Ion: 96 Resp: 404122

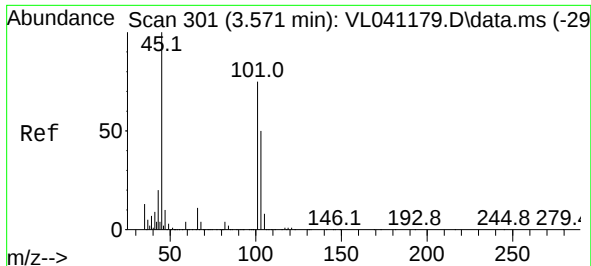
Ion Ratio Lower Upper

96 100

61 205.7 164.4 246.6

98 63.5 51.8 77.8





#19

Isopropyl Alcohol

Concen: 10.712 ppbv

RT: 3.591 min Scan# 301

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

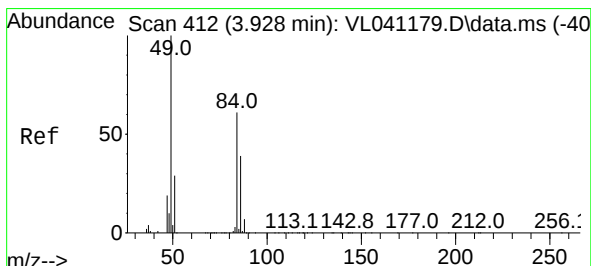
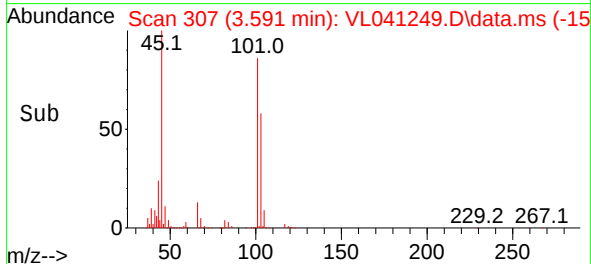
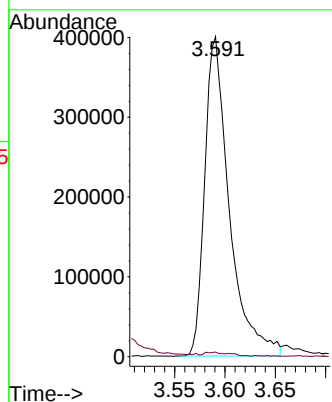
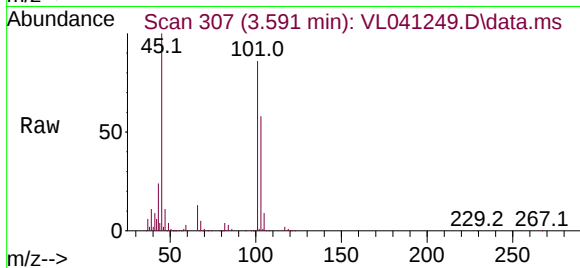
ClientSampleId :

Tgt Ion: 45 Resp: 680982

Ion Ratio Lower Upper

45 100

58 2.1 26.8 40.2#



#20

Methylene Chloride

Concen: 9.990 ppbv

RT: 3.947 min Scan# 418

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion: 84 Resp: 336562

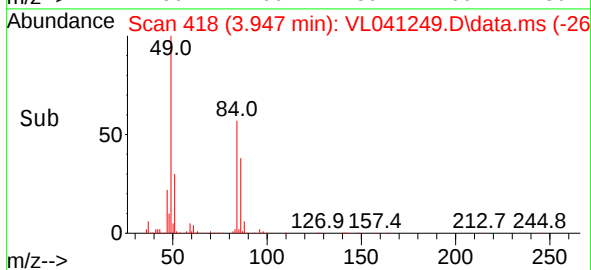
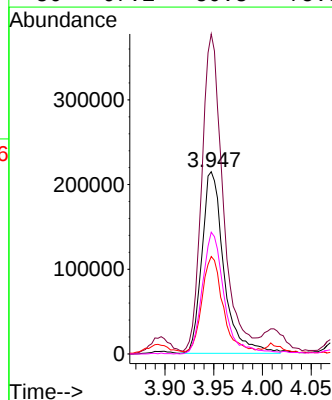
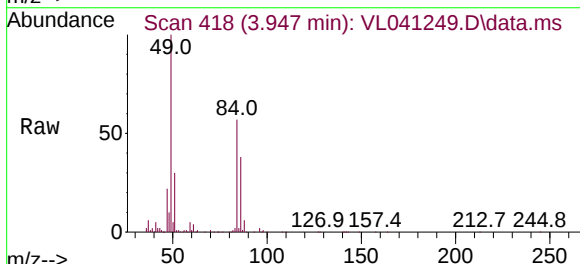
Ion Ratio Lower Upper

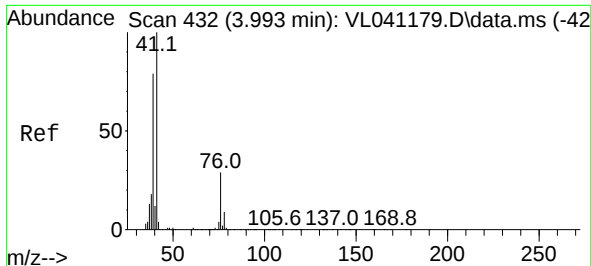
84 100

49 174.3 130.4 195.6

51 52.1 38.0 57.0

86 67.1 50.3 75.5





#21

Allyl Chloride

Concen: 10.138 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

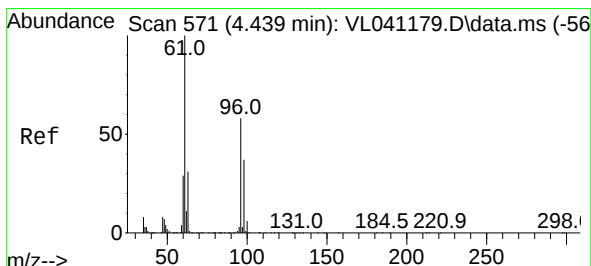
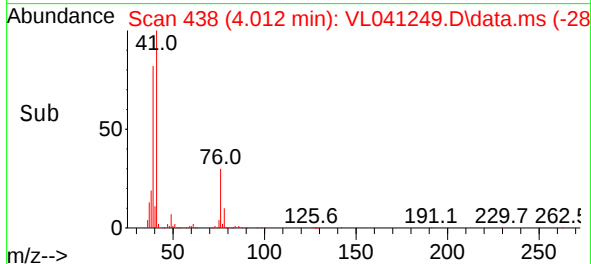
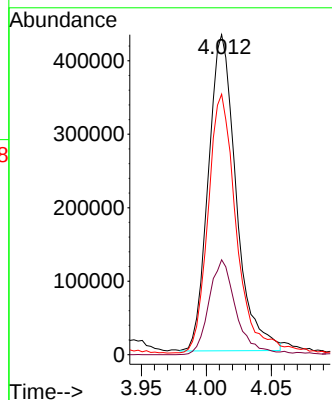
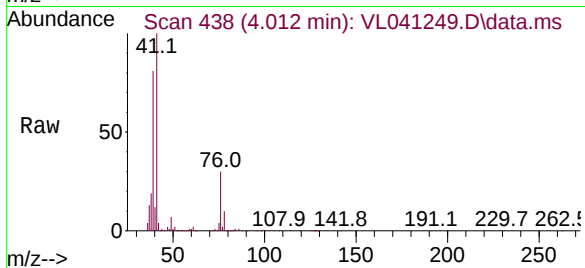
Tgt Ion: 41 Resp: 640458

Ion Ratio Lower Upper

41 100

76 29.9 23.7 35.5

39 85.3 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 11.278 ppbv

RT: 4.462 min Scan# 578

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

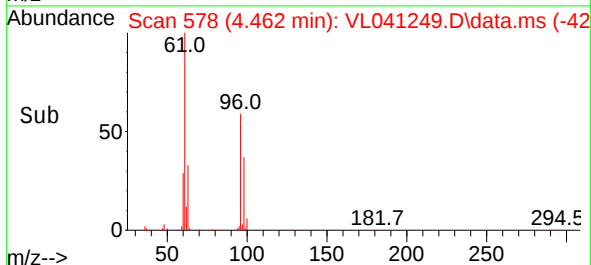
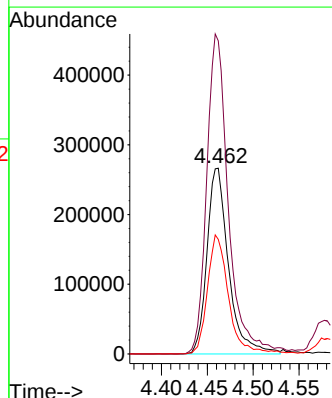
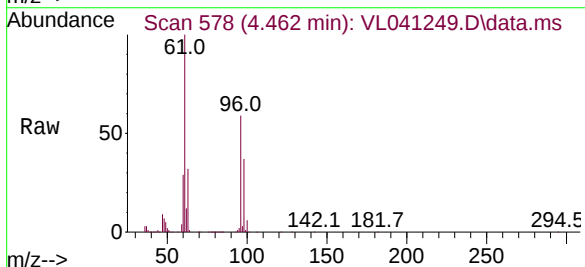
Tgt Ion: 96 Resp: 436434

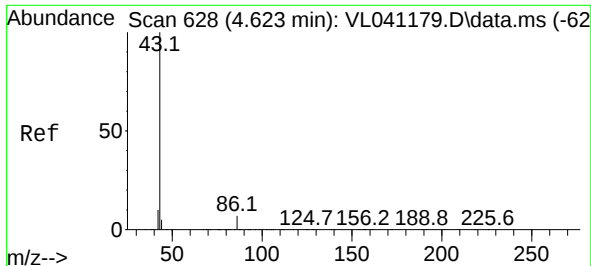
Ion Ratio Lower Upper

96 100

61 168.5 137.6 206.4

98 61.6 50.6 76.0



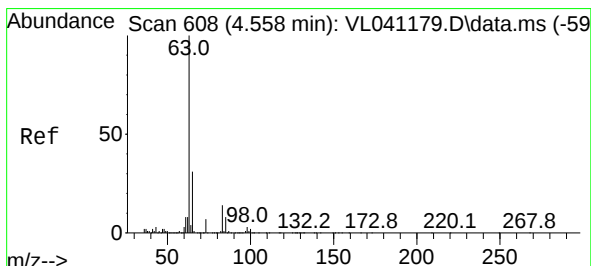
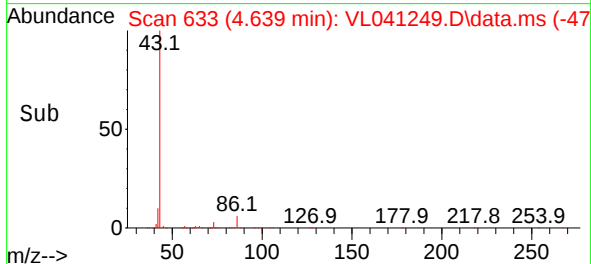
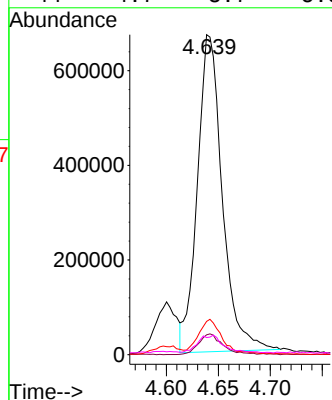
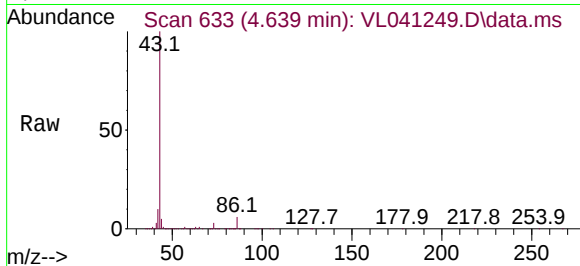


#23
 Vinyl Acetate
 Concen: 10.481 ppbv
 RT: 4.639 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1118175

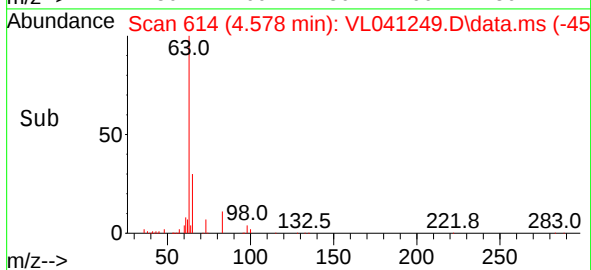
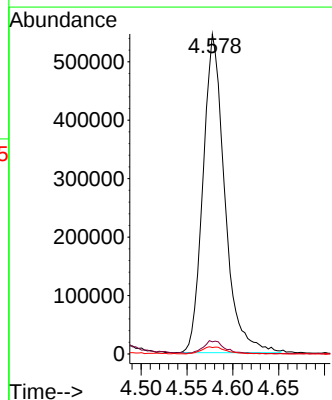
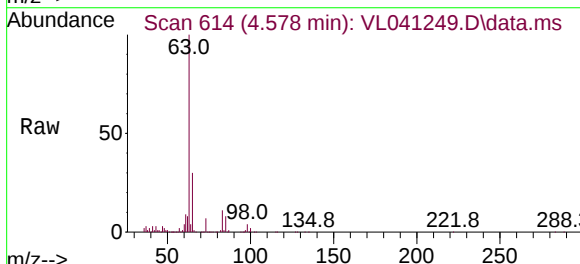
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.9	7.3
42	10.2	8.0	12.0
44	4.7	3.7	5.5

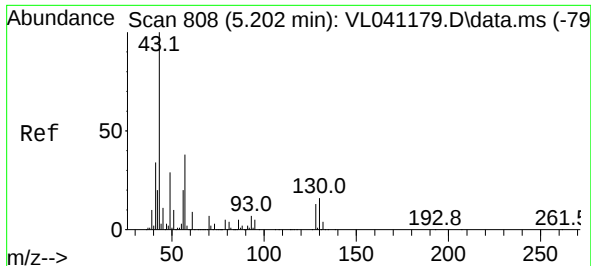


#24
 1,1-Dichloroethane
 Concen: 10.840 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Tgt Ion: 63 Resp: 899275

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.6	4.8
100	2.0	1.1	3.5





#25

Ethyl Acetate

Concen: 10.218 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

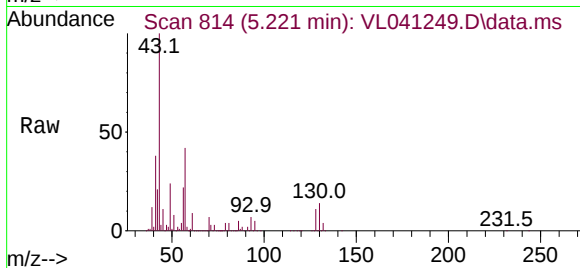
Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 1975899

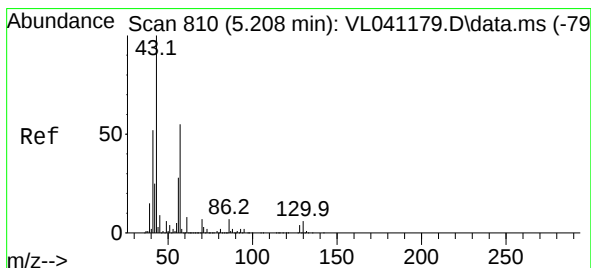
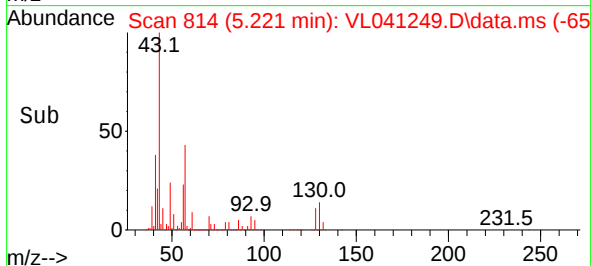
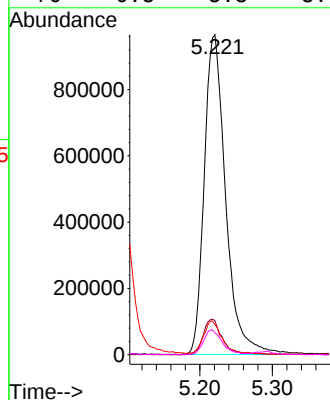
Ion Ratio Lower Upper

43 100

45 10.1 8.2 12.2

61 9.8 7.7 11.5

70 6.8 5.8 8.6



#26

Hexane

Concen: 9.986 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion: 57 Resp: 861763

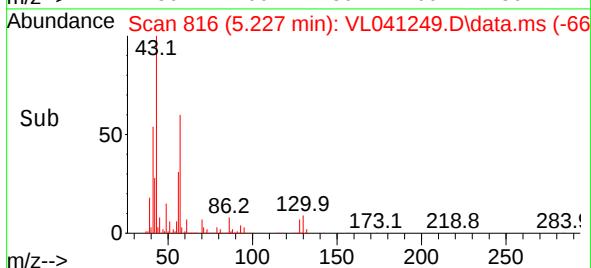
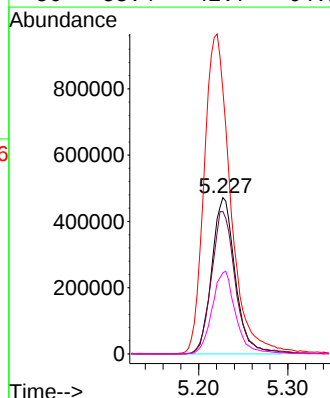
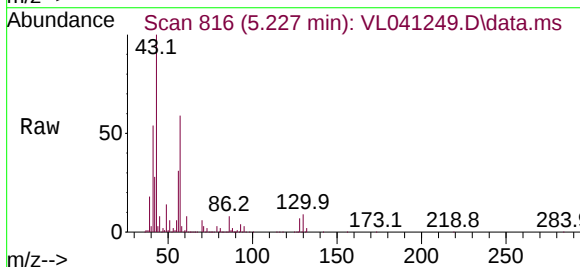
Ion Ratio Lower Upper

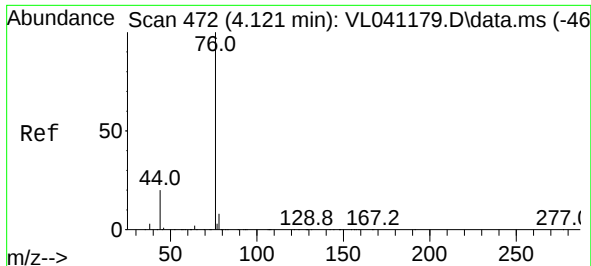
57 100

41 94.4 75.8 113.8

43 231.6 187.0 280.4

56 53.4 42.7 64.1





#27

Carbon Disulfide

Concen: 10.754 ppbv

RT: 4.140 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

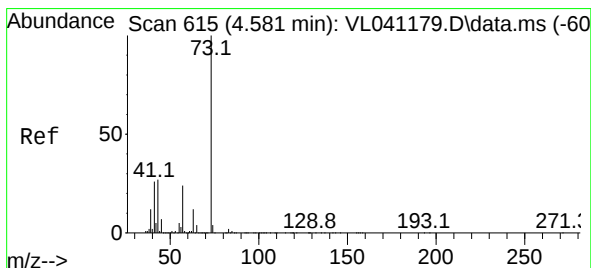
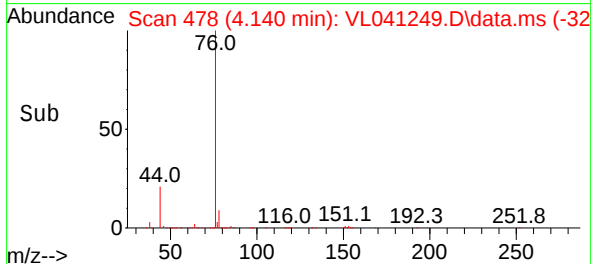
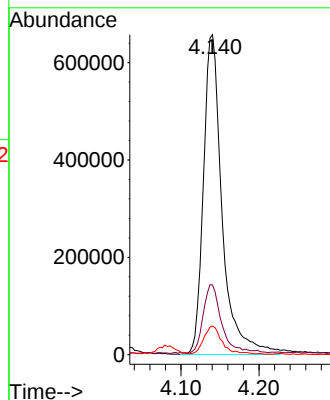
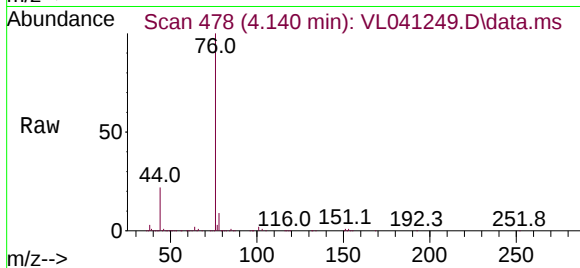
Tgt Ion: 76 Resp: 1098605

Ion Ratio Lower Upper

76 100

44 22.2 16.3 24.5

78 8.9 7.3 10.9



#28

Methyl tert-Butyl Ether

Concen: 9.629 ppbv

RT: 4.600 min Scan# 621

Delta R.T. 0.000 min

Lab File: VL041249.D

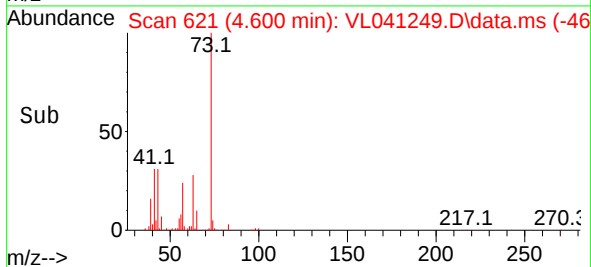
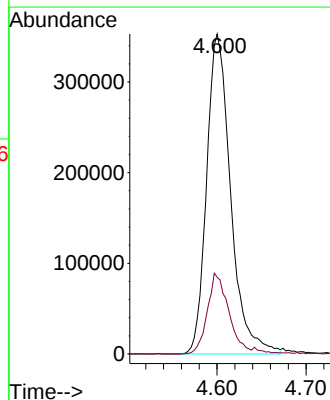
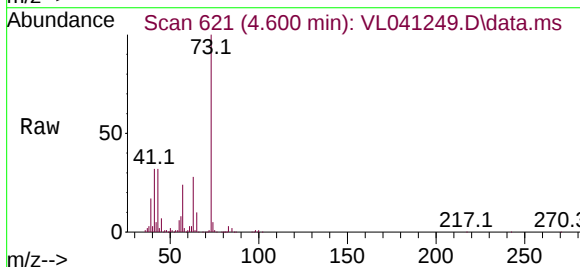
Acq: 9 May 2024 8:46

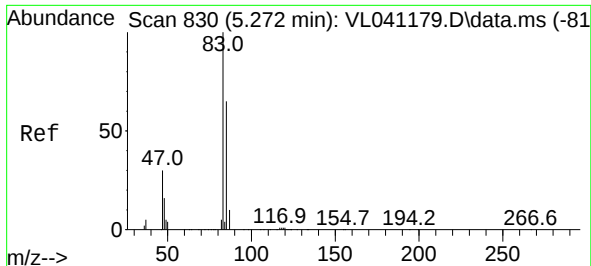
Tgt Ion: 73 Resp: 661617

Ion Ratio Lower Upper

73 100

57 23.5 18.8 28.2





#29

Chloroform

Concen: 11.310 ppbv

RT: 5.288 min Scan# 830

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

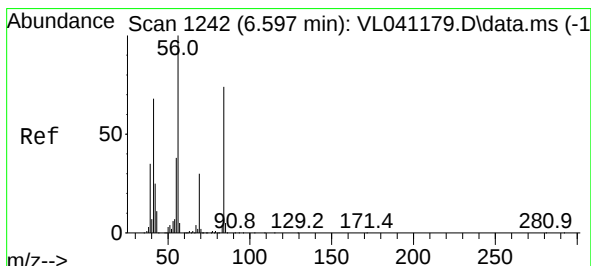
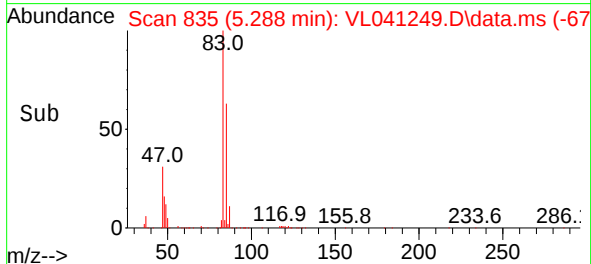
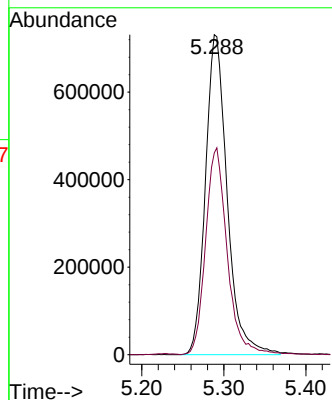
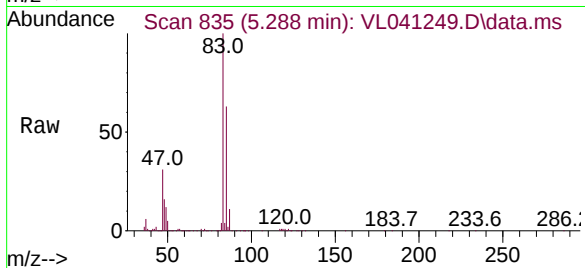
ClientSampleId :

Tgt Ion: 83 Resp: 1346439

Ion Ratio Lower Upper

83 100

85 62.9 51.7 77.5



#30

Cyclohexane

Concen: 10.533 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

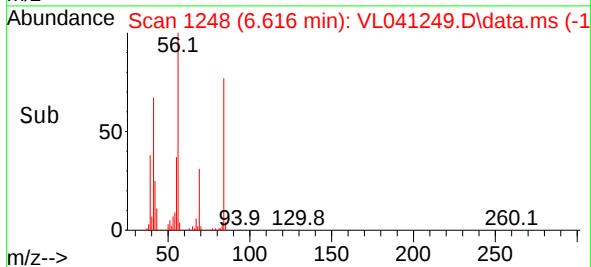
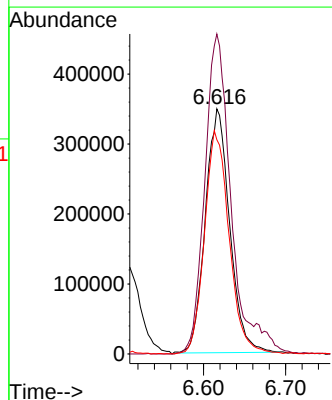
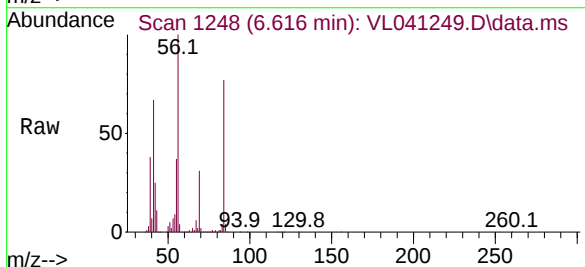
Tgt Ion: 84 Resp: 719501

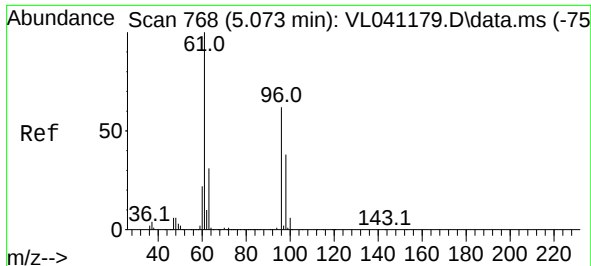
Ion Ratio Lower Upper

84 100

56 142.8 116.8 175.2

41 92.8 73.8 110.8





#31

cis-1,2-Dichloroethene

Concen: 10.668 ppbv

RT: 5.095 min Scan# 71

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

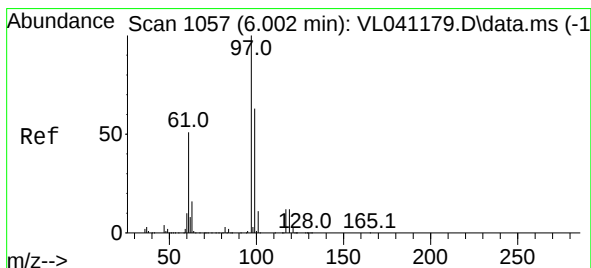
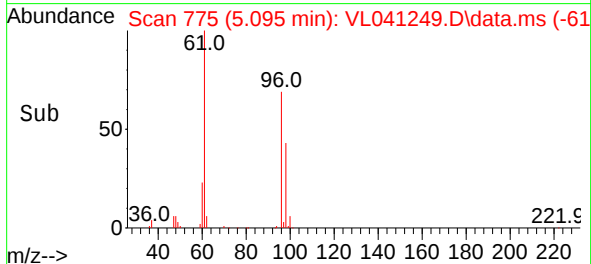
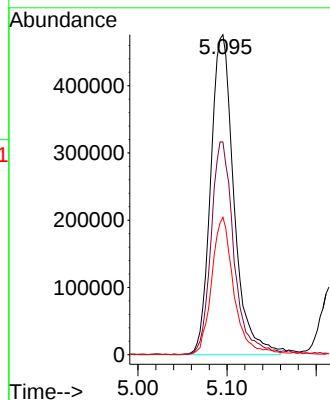
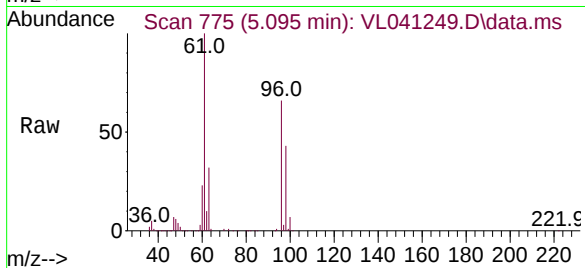
Tgt Ion: 61 Resp: 861827

Ion Ratio Lower Upper

61 100

96 66.4 49.8 74.6

98 42.9 30.0 45.0



#32

1,1,1-Trichloroethane

Concen: 11.271 ppbv

RT: 6.018 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

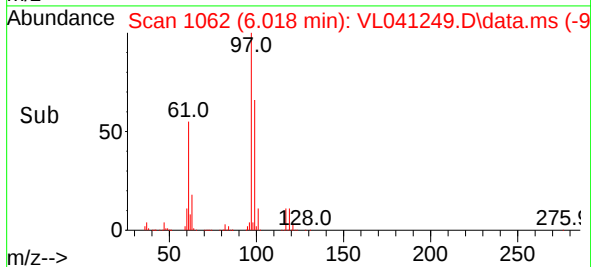
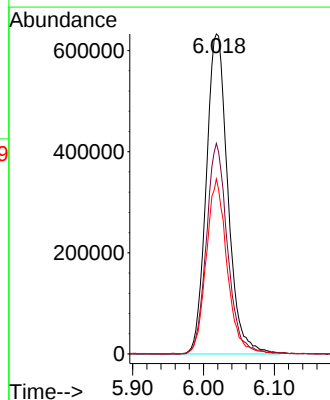
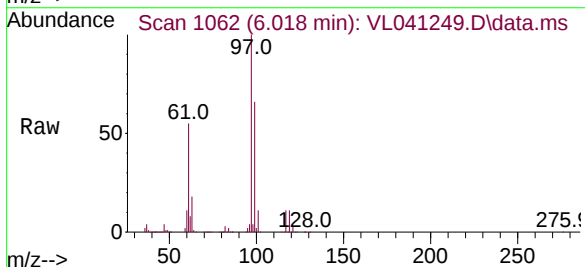
Tgt Ion: 97 Resp: 1338829

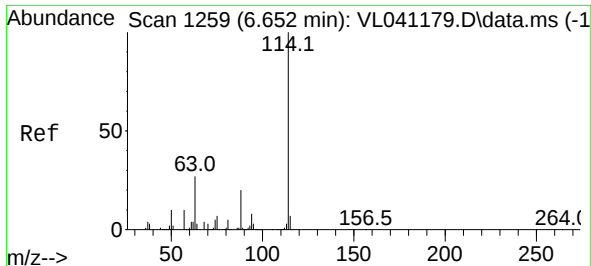
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 53.2 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.000 min

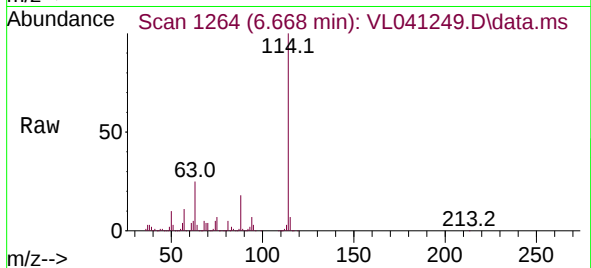
Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :



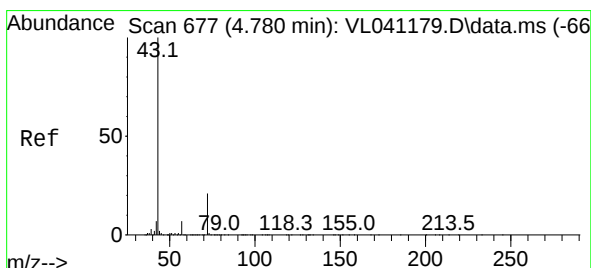
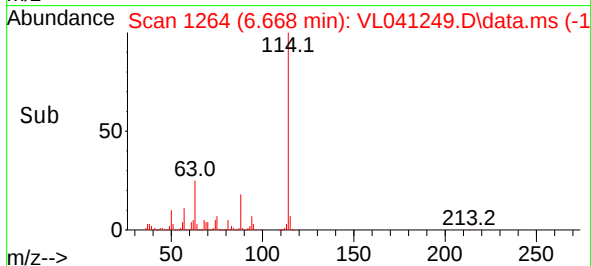
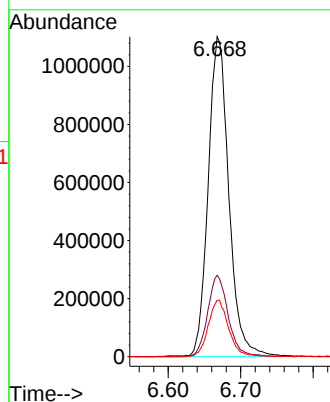
Tgt Ion:114 Resp: 2179271

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 17.5 15.2 22.8



#34

2-Butanone

Concen: 9.624 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.000 min

Lab File: VL041249.D

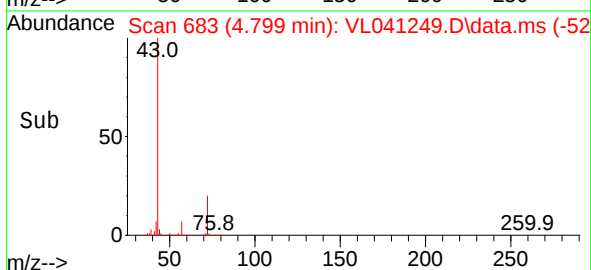
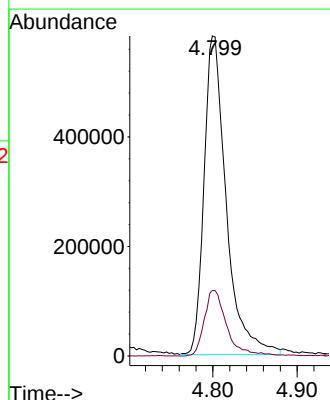
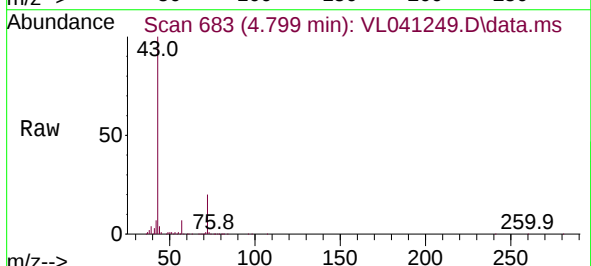
Acq: 9 May 2024 8:46

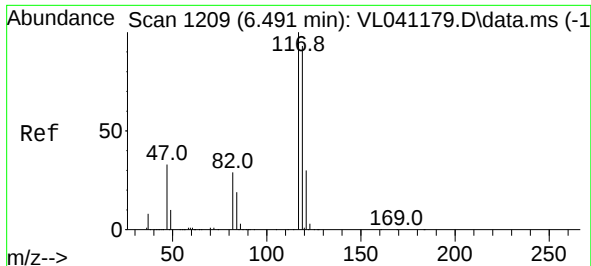
Tgt Ion: 43 Resp: 1067522

Ion Ratio Lower Upper

43 100

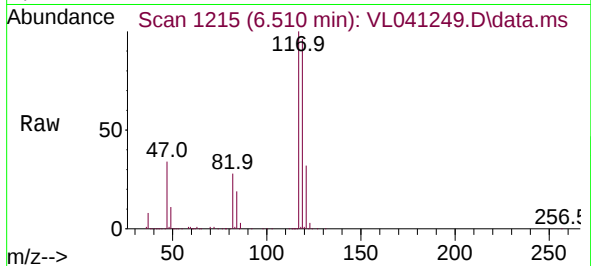
72 21.1 17.3 25.9



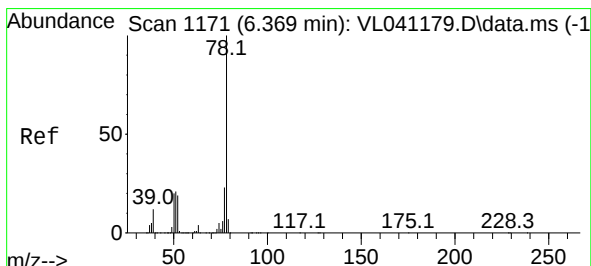
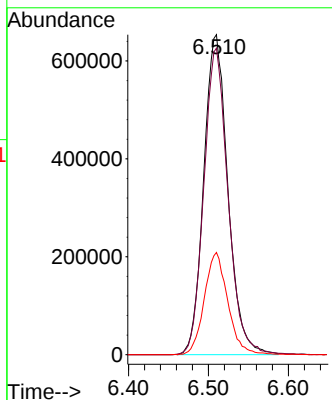
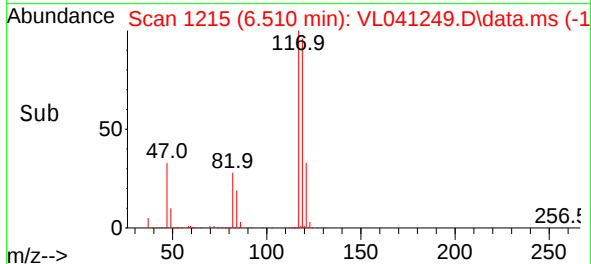


#35
Carbon Tetrachloride
Concen: 11.243 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :

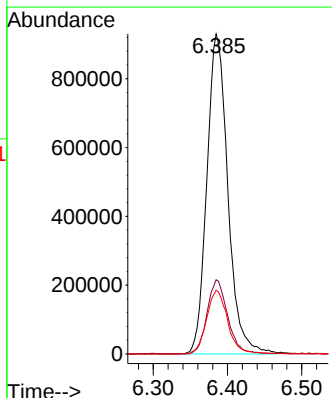
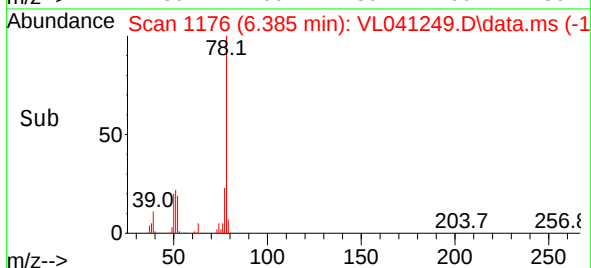
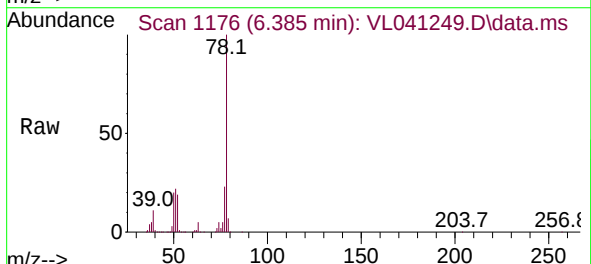


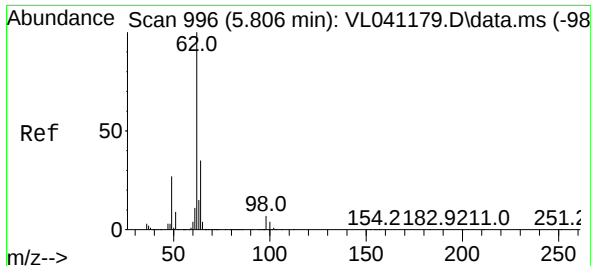
Tgt Ion:117 Resp: 1375094
Ion Ratio Lower Upper
117 100
119 95.6 74.3 111.5
121 31.9 23.8 35.8



#36
Benzene
Concen: 10.000 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion: 78 Resp: 1828785
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5
50 19.8 15.9 23.9

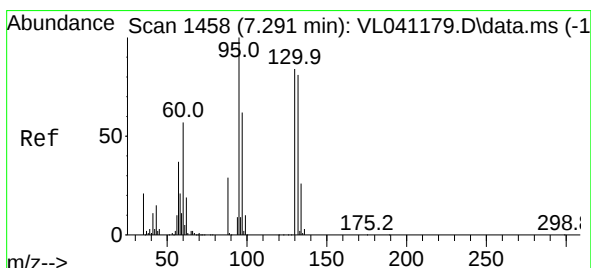
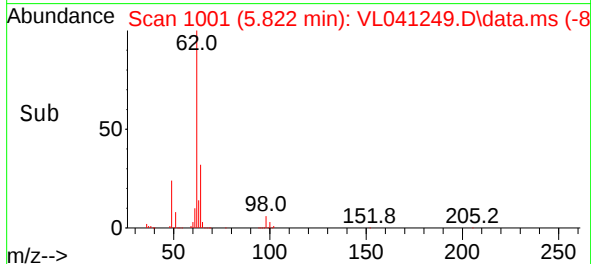
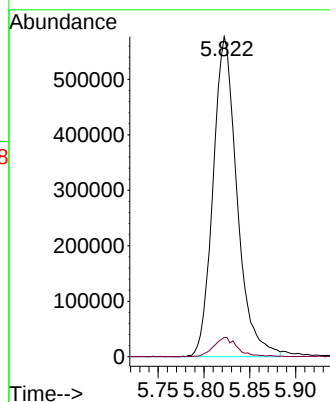
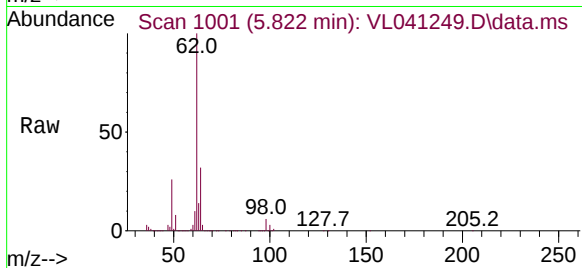




#37
1,2-Dichloroethane
Concen: 11.038 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

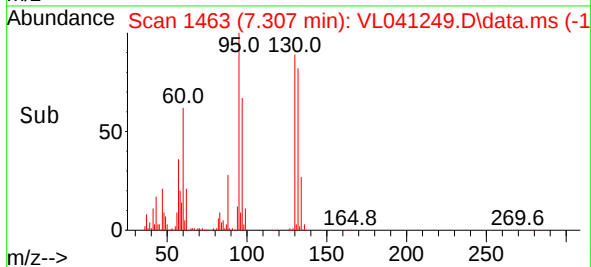
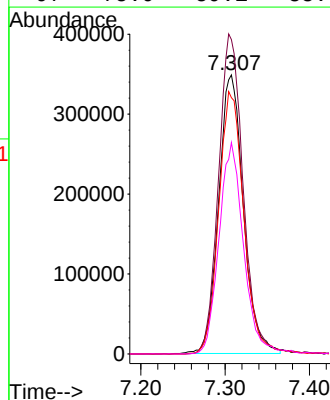
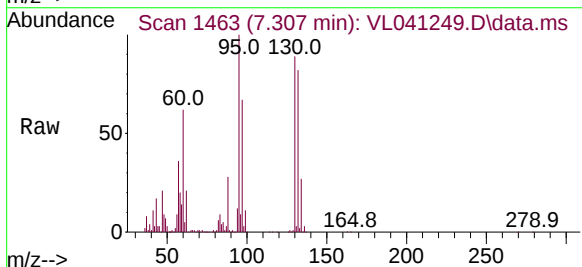
Instrument :
MSVOA_L
ClientSampleId :

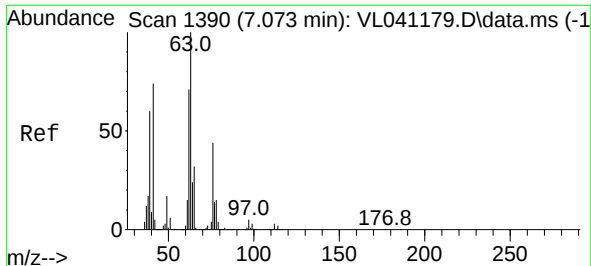
Tgt Ion: 62 Resp: 1053250
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.4



#38
Trichloroethene
Concen: 10.427 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion:130 Resp: 710622
Ion Ratio Lower Upper
130 100
95 112.9 95.0 142.6
132 92.0 77.0 115.4
97 75.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.905 ppbv

RT: 7.089 min Scan# 14

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

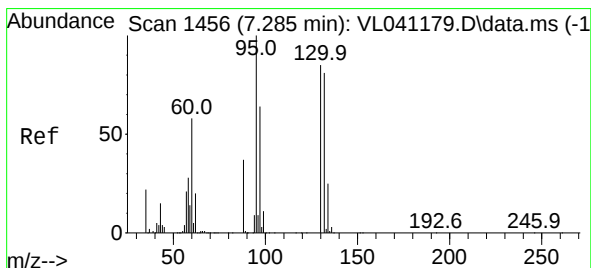
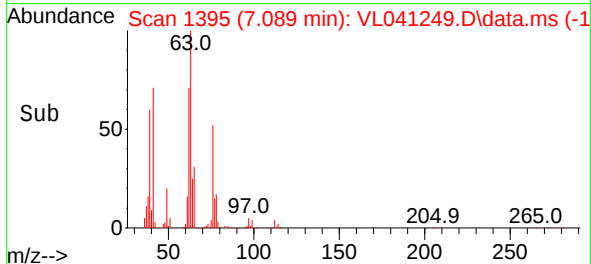
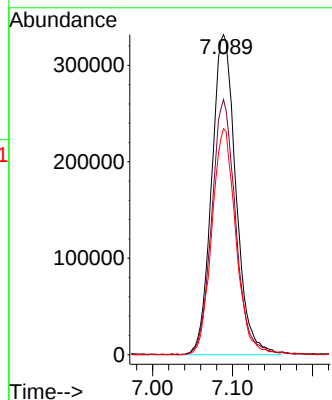
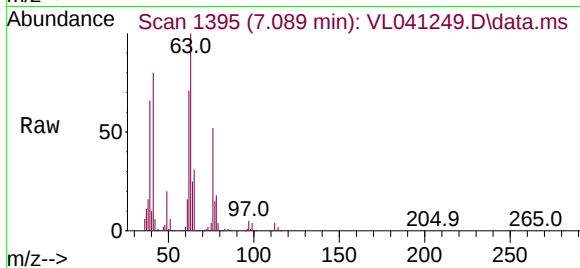
Tgt Ion: 63 Resp: 698098

Ion Ratio Lower Upper

63 100

41 79.6 59.4 89.0

62 70.6 56.8 85.2



#40

1,4-Dioxane

Concen: 10.772 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion: 88 Resp: 271241

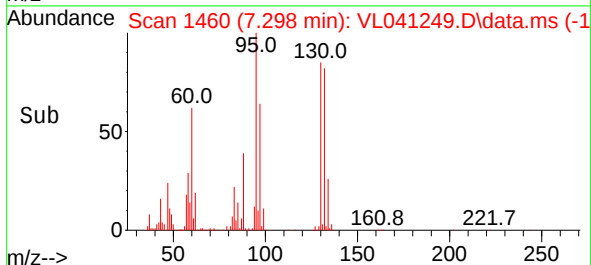
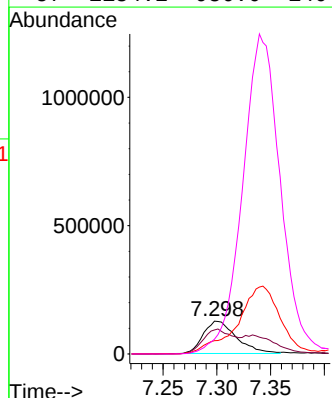
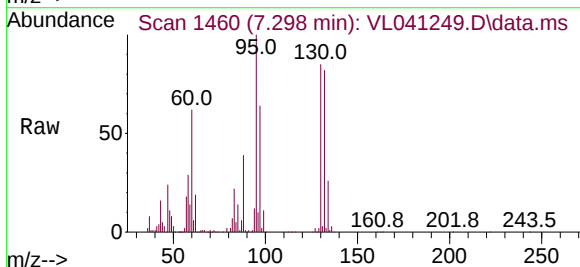
Ion Ratio Lower Upper

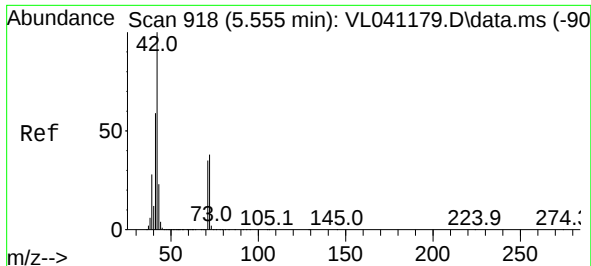
88 100

58 129.0 106.1 159.1

43 270.8 219.8 329.6

57 1134.2 936.0 1404.0





#41

Tetrahydrofuran

Concen: 9.335 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

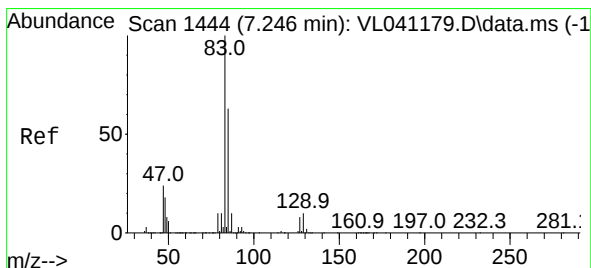
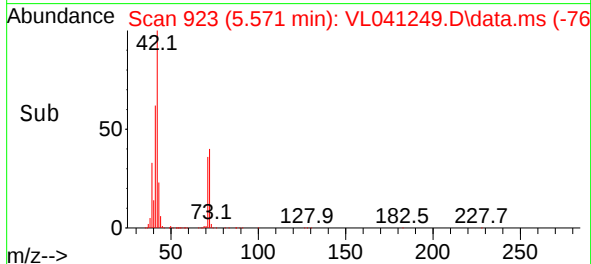
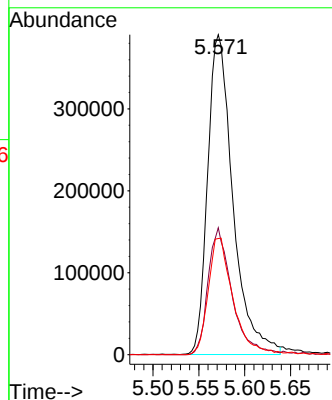
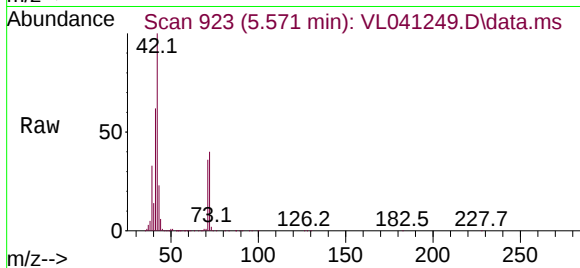
Tgt Ion: 42 Resp: 749610

Ion Ratio Lower Upper

42 100

72 38.4 29.4 44.0

71 36.4 29.1 43.7



#42

Bromodichloromethane

Concen: 11.056 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

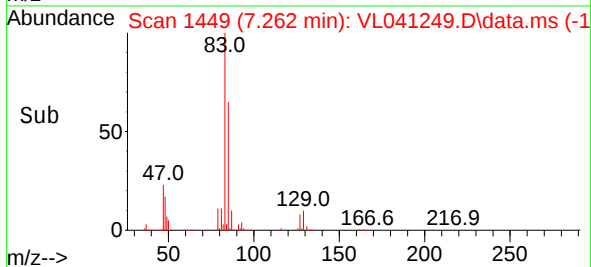
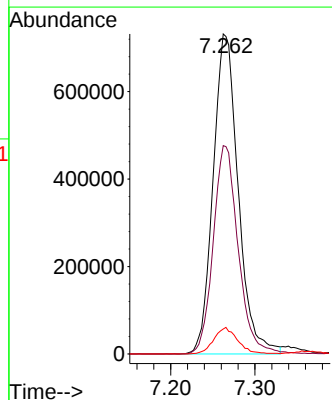
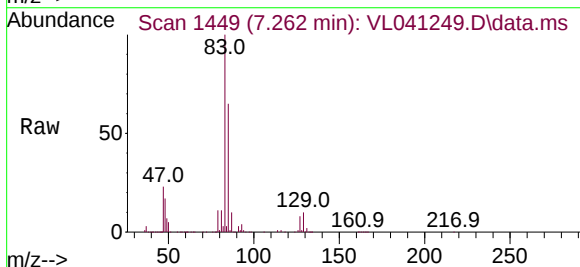
Tgt Ion: 83 Resp: 1513059

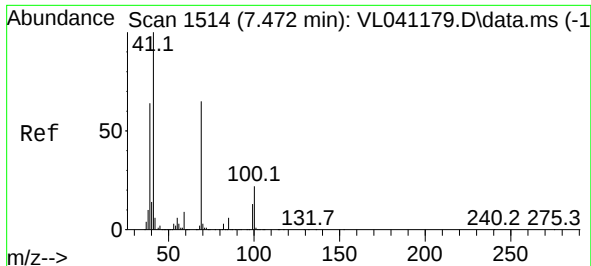
Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

127 7.8 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.834 ppbv

RT: 7.487 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

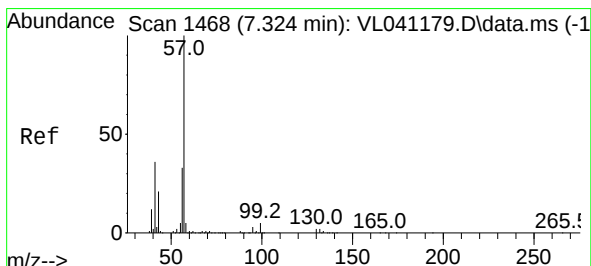
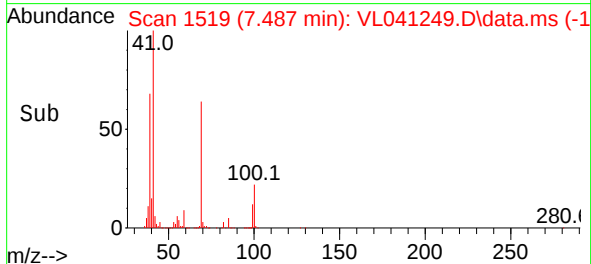
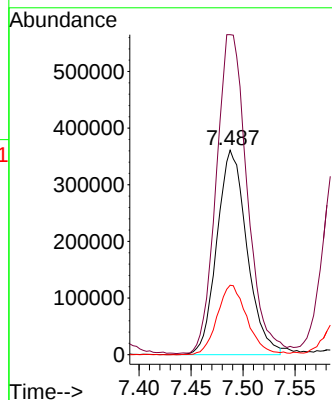
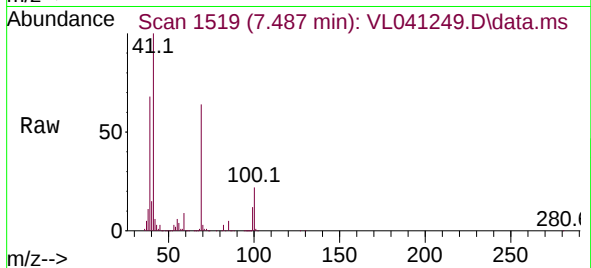
Tgt Ion: 69 Resp: 727418

Ion Ratio Lower Upper

69 100

41 162.5 125.2 187.8

100 33.8 26.7 40.1



#44

2,2,4-Trimethylpentane

Concen: 9.742 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

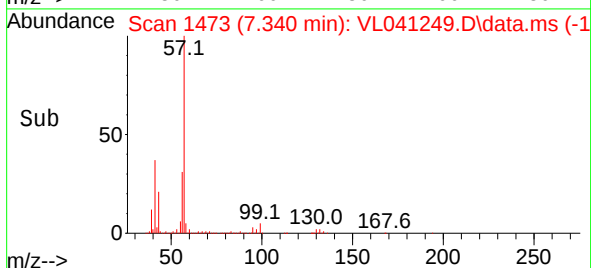
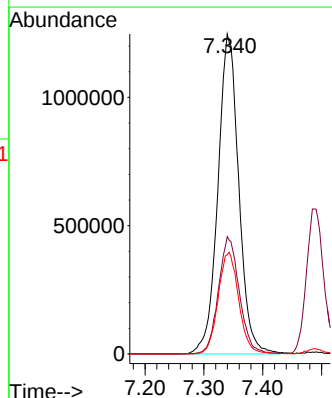
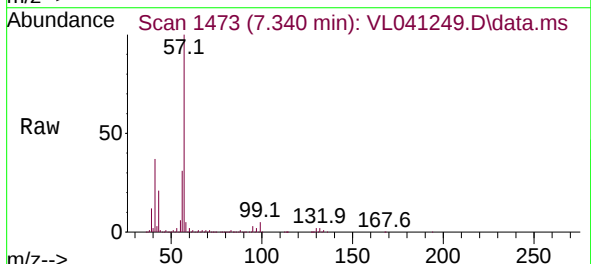
Tgt Ion: 57 Resp: 3071786

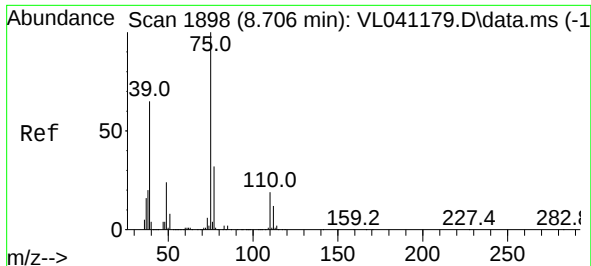
Ion Ratio Lower Upper

57 100

41 36.7 29.5 44.3

56 31.4 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.549 ppbv

RT: 8.722 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

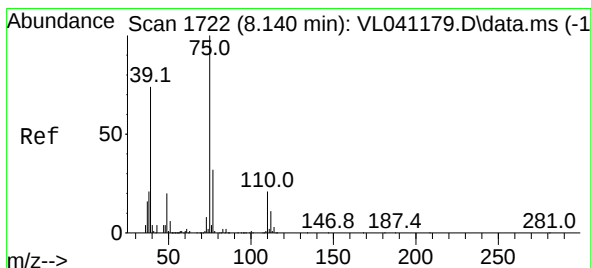
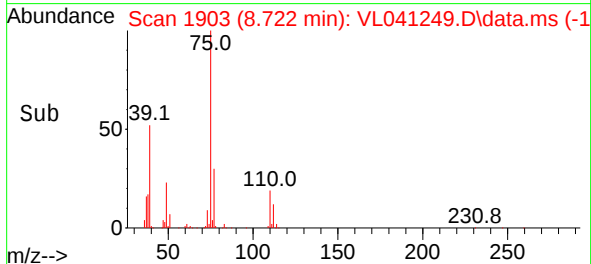
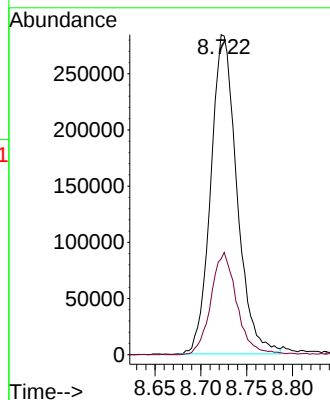
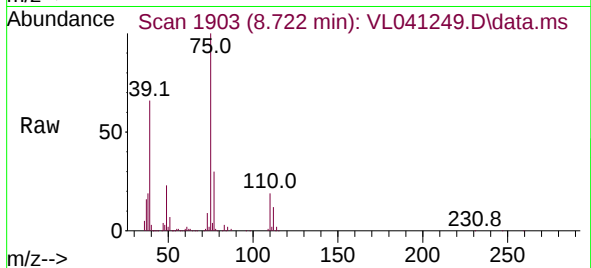
ClientSampleId :

Tgt Ion: 75 Resp: 565420

Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 10.262 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

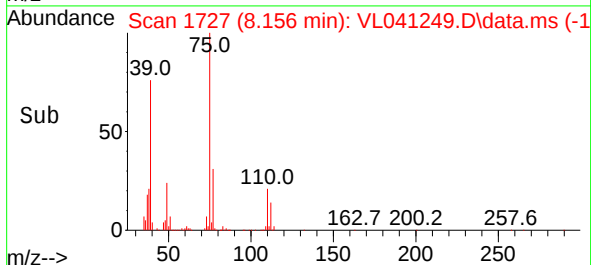
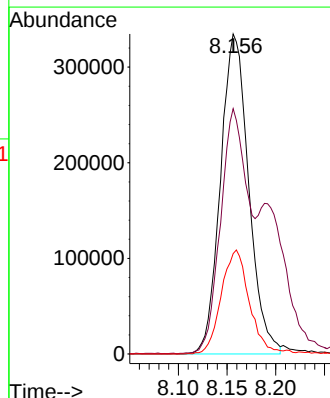
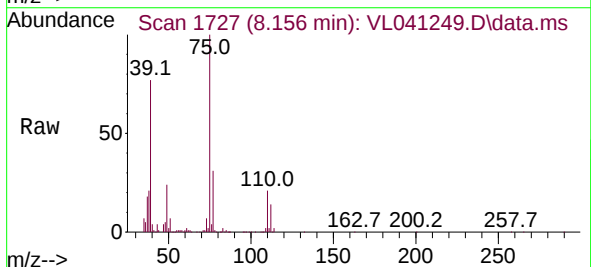
Tgt Ion: 75 Resp: 673402

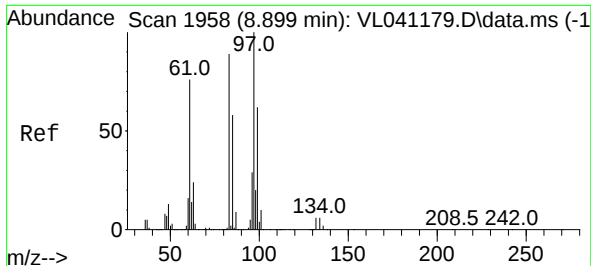
Ion Ratio Lower Upper

75 100

39 76.5 59.4 89.2

77 31.3 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.622 ppbv

RT: 8.915 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 749348

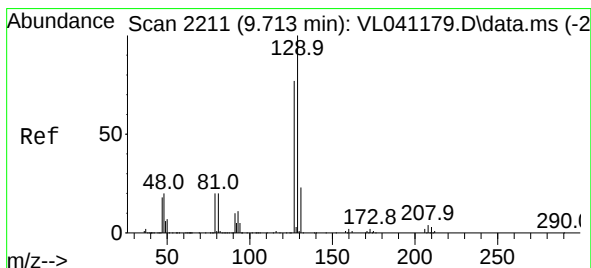
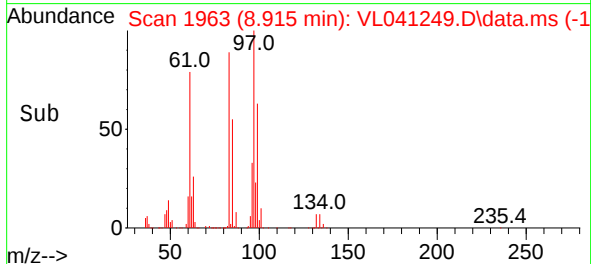
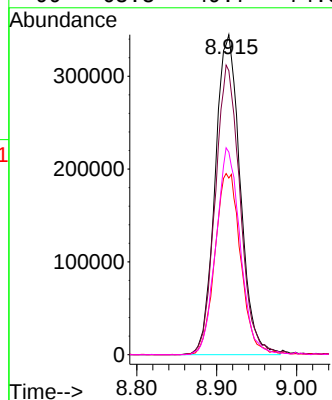
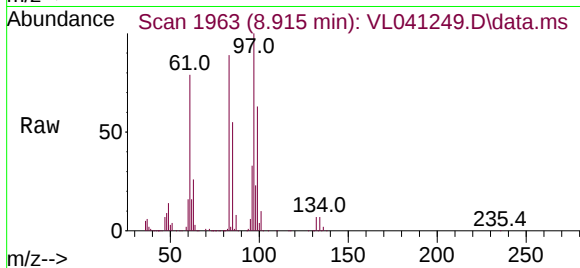
Ion Ratio Lower Upper

97 100

83 88.8 71.2 106.8

85 55.1 46.0 69.0

99 63.3 49.7 74.5



#48

Dibromochloromethane

Concen: 11.315 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.000 min

Lab File: VL041249.D

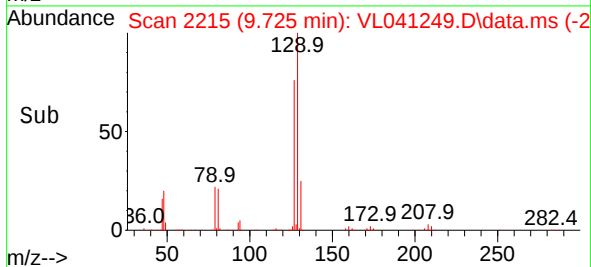
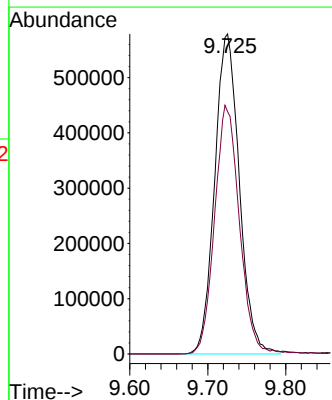
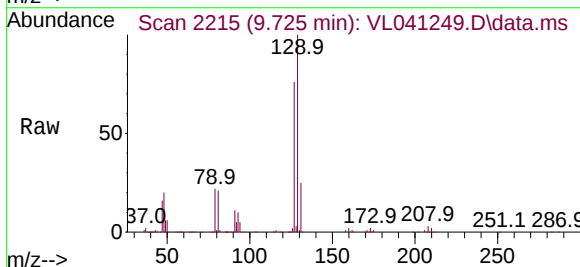
Acq: 9 May 2024 8:46

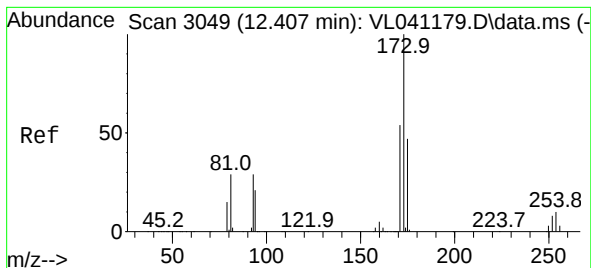
Tgt Ion: 129 Resp: 1271834

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5





#49

Bromoform

Concen: 11.085 ppbv

RT: 12.420 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

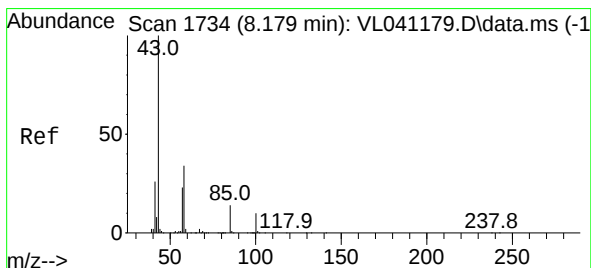
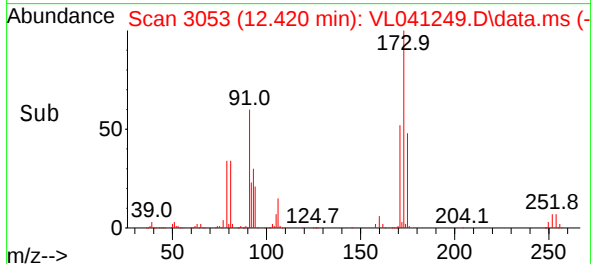
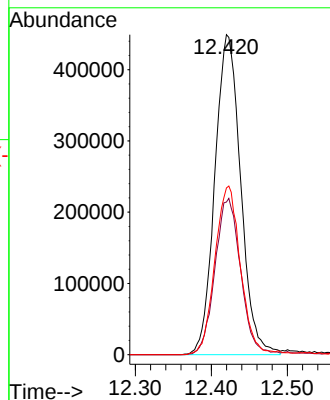
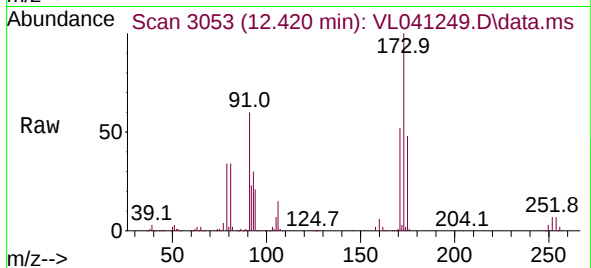
Tgt Ion:173 Resp: 1059899

Ion Ratio Lower Upper

173 100

175 48.5 39.8 59.8

171 52.9 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.691 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041249.D

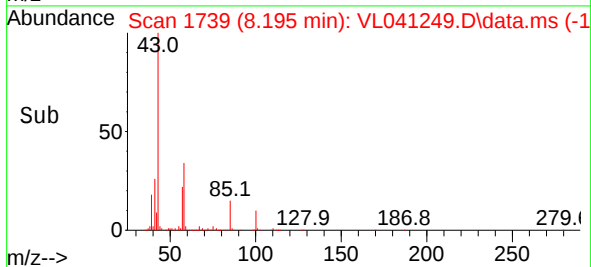
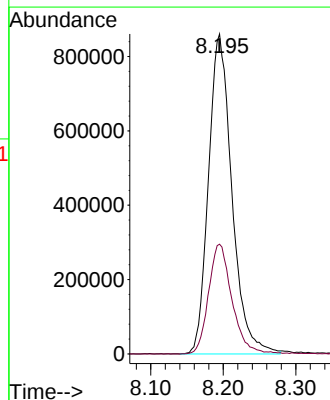
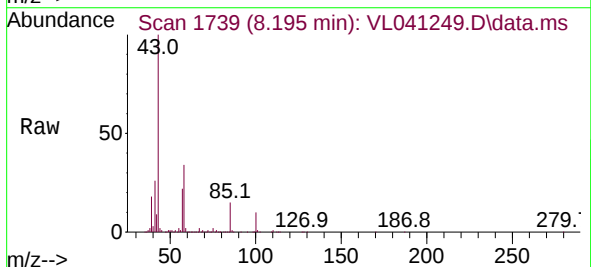
Acq: 9 May 2024 8:46

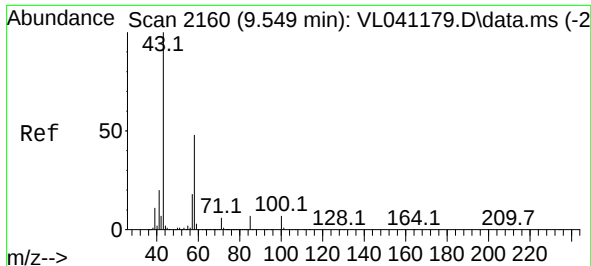
Tgt Ion: 43 Resp: 1929006

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5

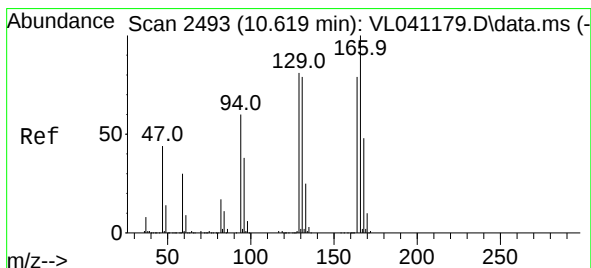
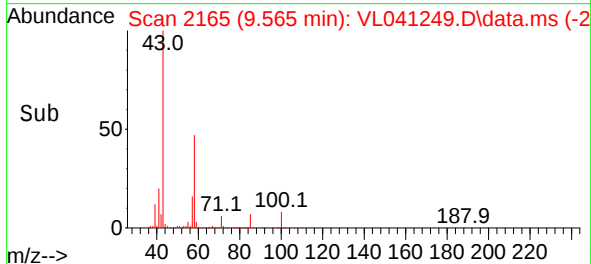
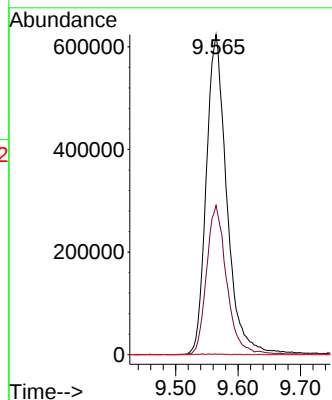
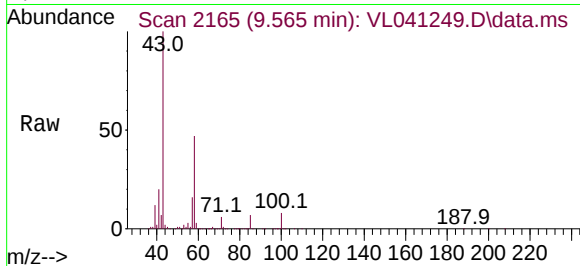




#51
2-Hexanone
Concen: 9.608 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

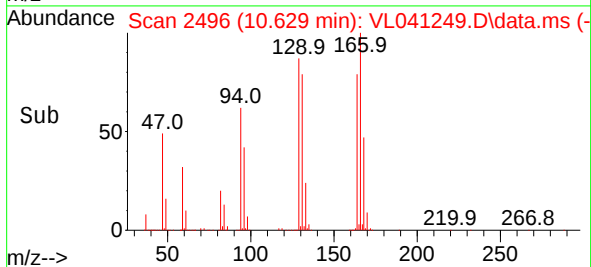
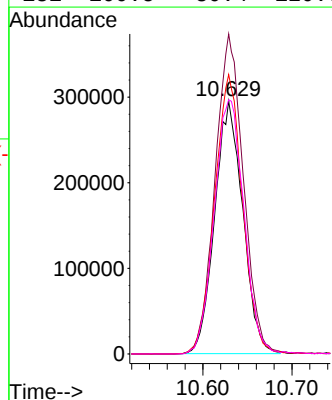
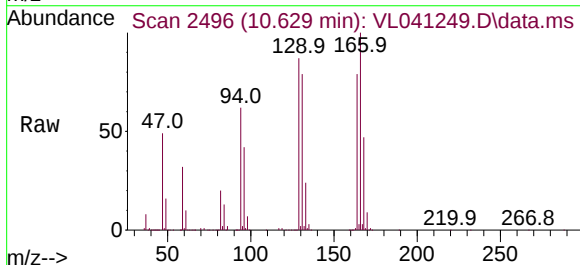
Instrument :
MSVOA_L
ClientSampleId :

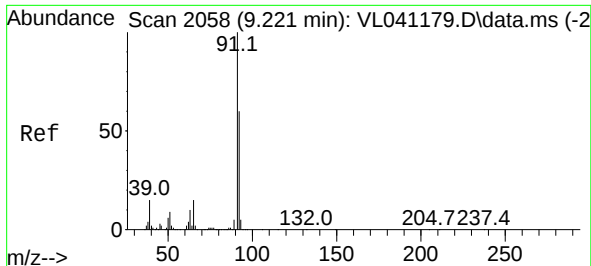
Tgt Ion: 43 Resp: 1418637
Ion Ratio Lower Upper
43 100
58 46.3 38.4 57.6
98 0.3 0.0 0.0#



#52
Tetrachloroethene
Concen: 10.030 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion:164 Resp: 644730
Ion Ratio Lower Upper
164 100
166 126.7 101.1 151.7
129 110.4 81.7 122.5
131 100.5 80.4 120.6





#53

Toluene

Concen: 10.095 ppbv

RT: 9.233 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

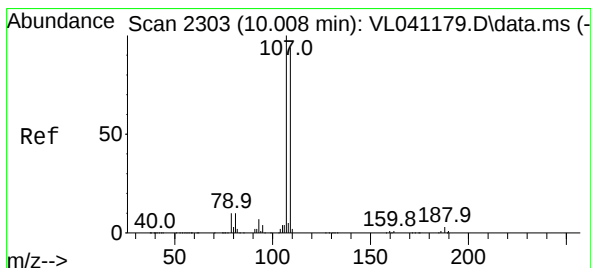
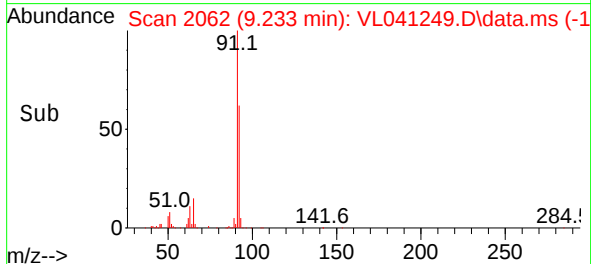
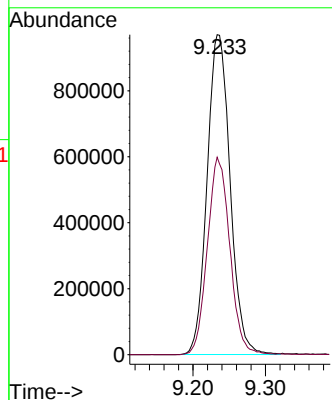
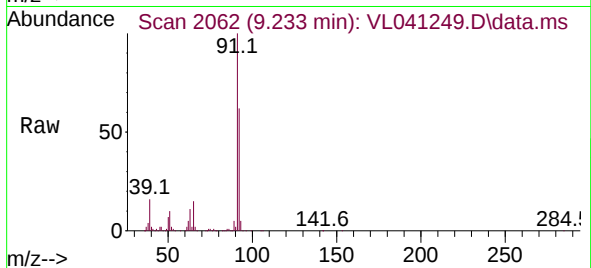
ClientSampleId :

Tgt Ion: 91 Resp: 2140627

Ion Ratio Lower Upper

91 100

92 60.3 48.2 72.4



#54

1,2-Dibromoethane

Concen: 11.013 ppbv

RT: 10.021 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VL041249.D

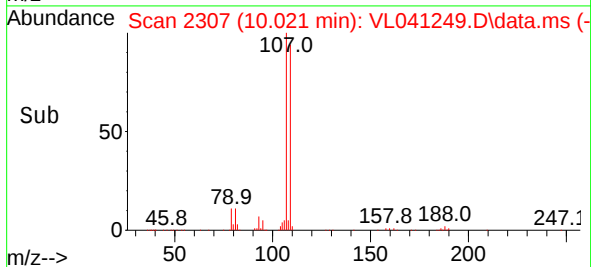
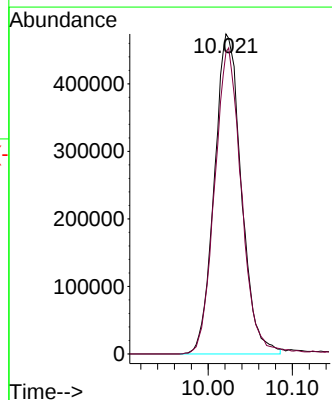
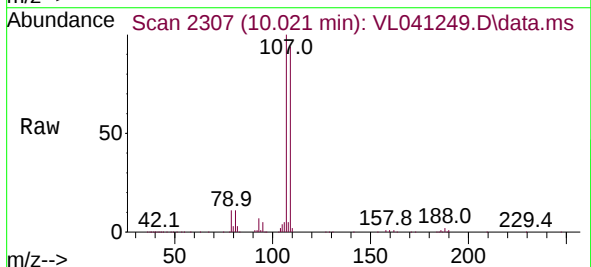
Acq: 9 May 2024 8:46

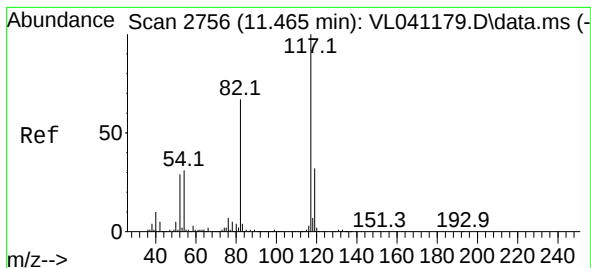
Tgt Ion: 107 Resp: 1052284

Ion Ratio Lower Upper

107 100

109 94.3 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

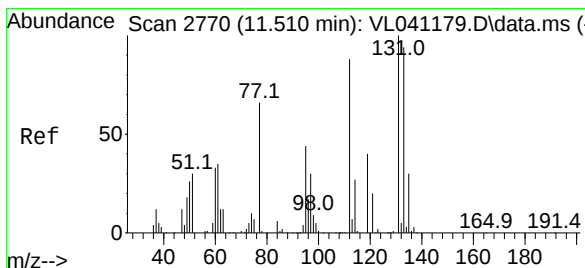
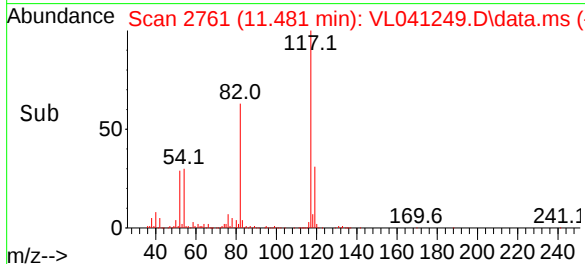
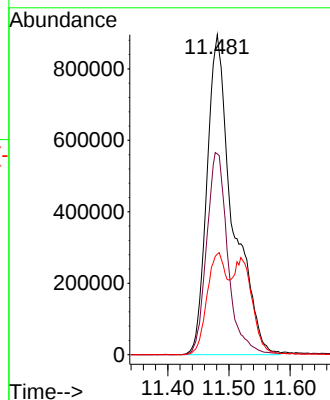
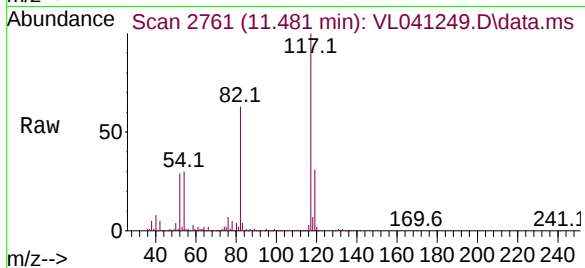
Tgt Ion:117 Resp: 2630083

Ion Ratio Lower Upper

117 100

82 52.3 53.6 80.4#

119 25.7 27.2 40.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 8.746 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

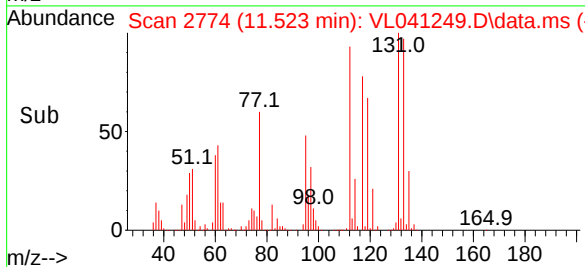
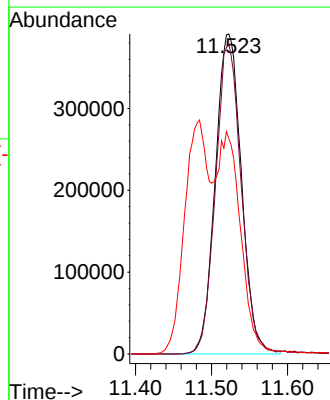
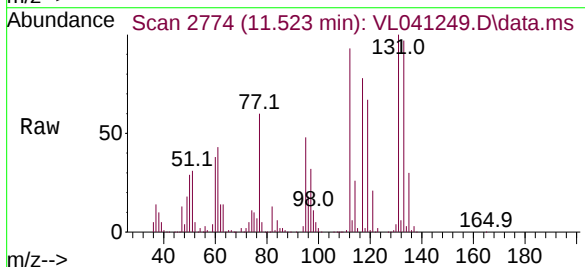
Tgt Ion:131 Resp: 932697

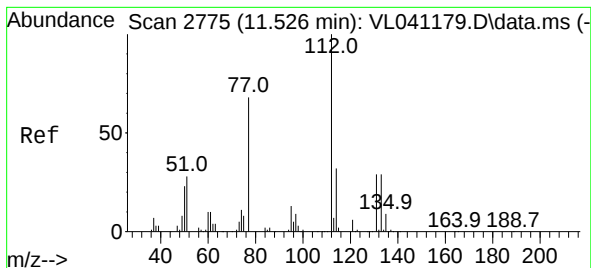
Ion Ratio Lower Upper

131 100

133 96.1 76.3 114.5

119 70.1 49.4 74.2





#57

Chlorobenzene

Concen: 8.292 ppbv

RT: 11.542 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

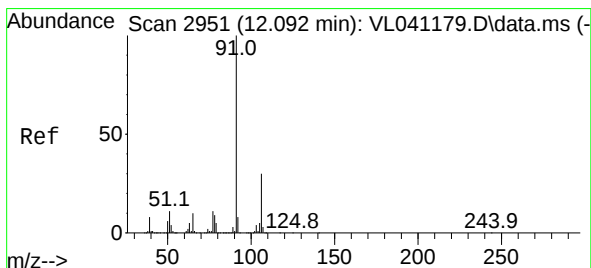
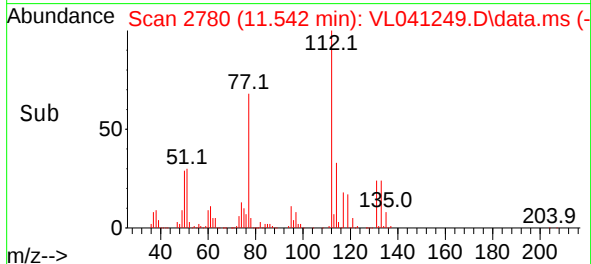
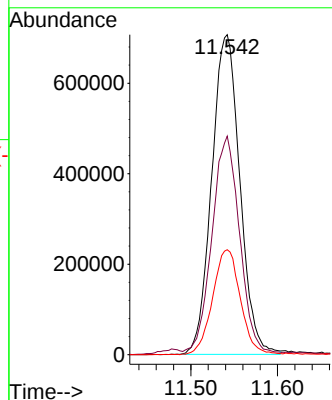
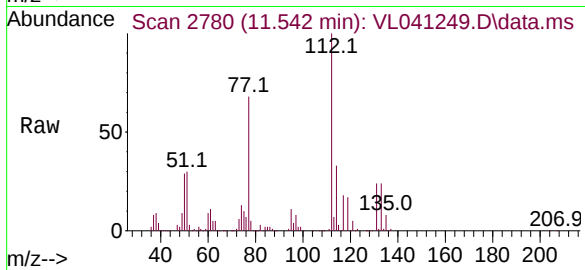
Tgt Ion:112 Resp: 1597192

Ion Ratio Lower Upper

112 100

77 67.6 54.9 82.3

114 32.8 28.7 35.1



#58

Ethyl Benzene

Concen: 7.977 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VL041249.D

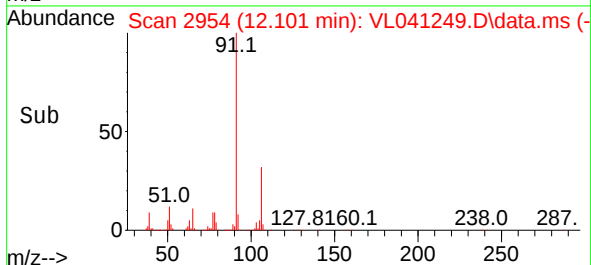
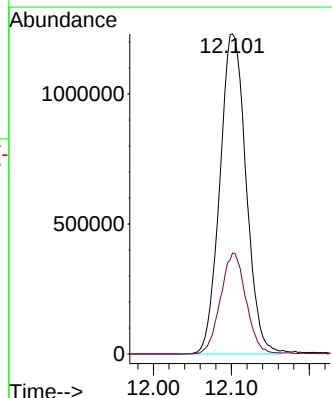
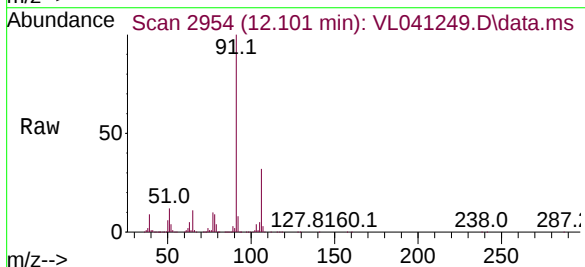
Acq: 9 May 2024 8:46

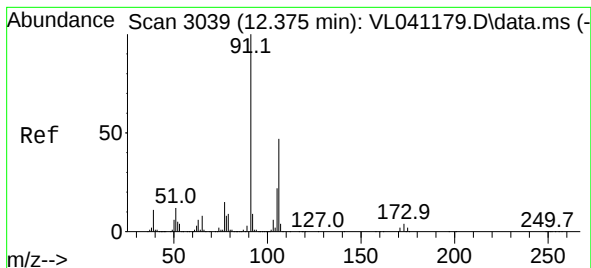
Tgt Ion: 91 Resp: 2876713

Ion Ratio Lower Upper

91 100

106 31.6 24.3 36.5





#59

m/p-Xylene

Concen: 8.511 ppbv

RT: 12.384 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

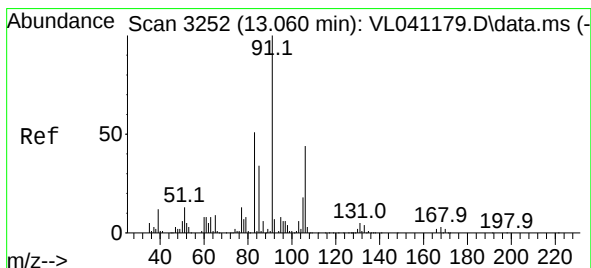
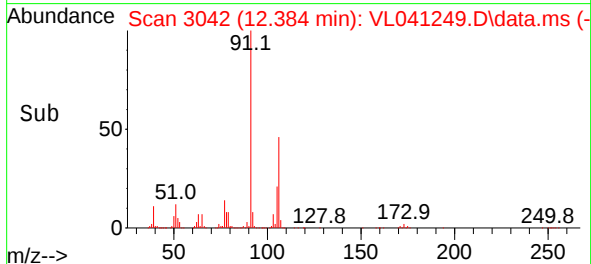
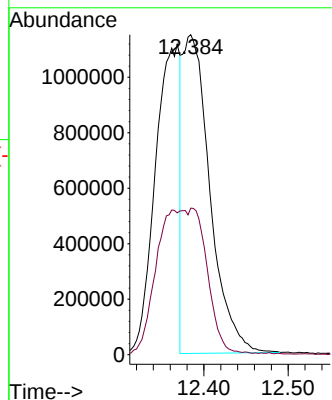
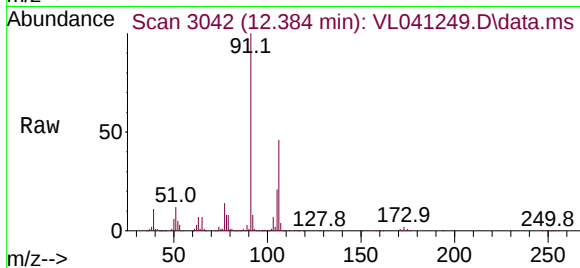
ClientSampleId :

Tgt Ion: 91 Resp: 2579810

Ion Ratio Lower Upper

91 100

106 83.8 35.7 53.5#



#60

o-Xylene

Concen: 8.117 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VL041249.D

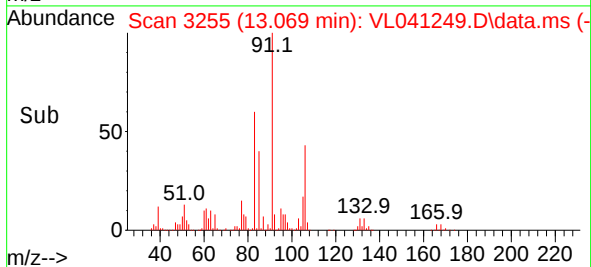
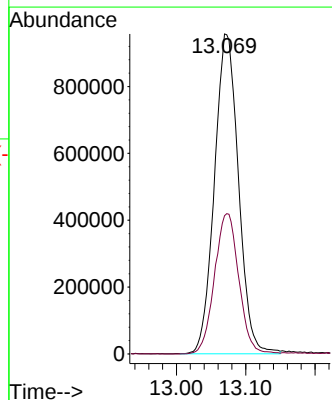
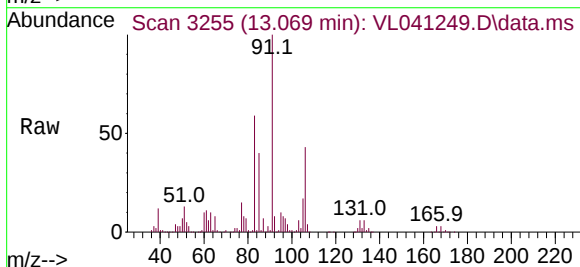
Acq: 9 May 2024 8:46

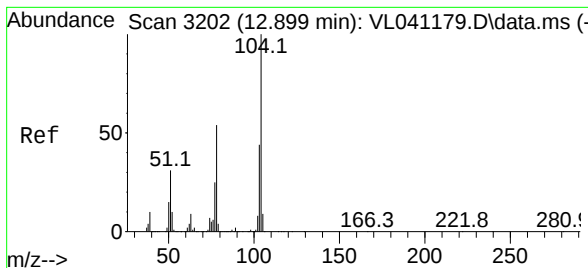
Tgt Ion: 91 Resp: 2306052

Ion Ratio Lower Upper

91 100

106 45.0 22.4 67.3





#61

Styrene

Concen: 8.432 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

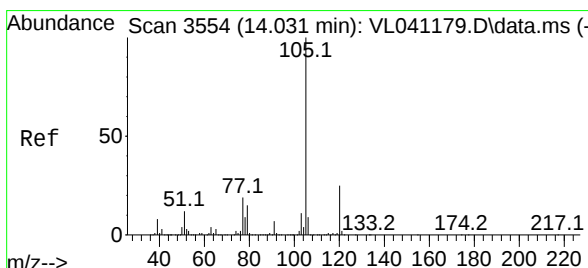
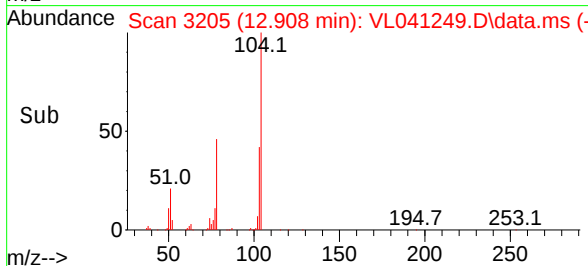
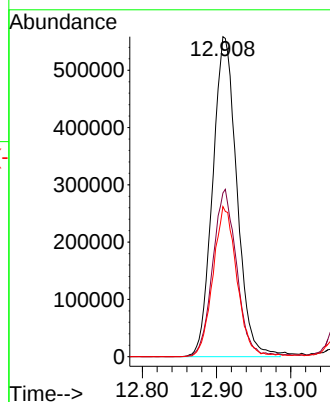
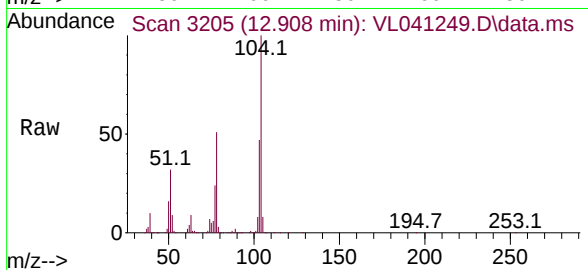
Tgt Ion:104 Resp: 1265553

Ion Ratio Lower Upper

104 100

78 52.0 42.6 63.8

103 46.5 38.4 57.6



#62

Isopropylbenzene

Concen: 8.093 ppbv

RT: 14.043 min Scan# 3558

Delta R.T. 0.000 min

Lab File: VL041249.D

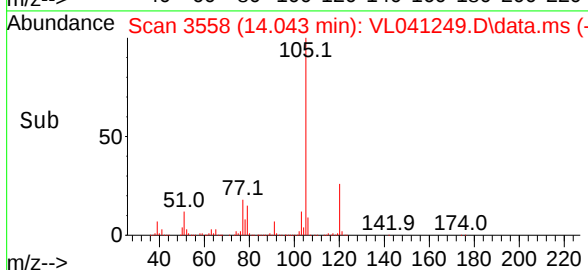
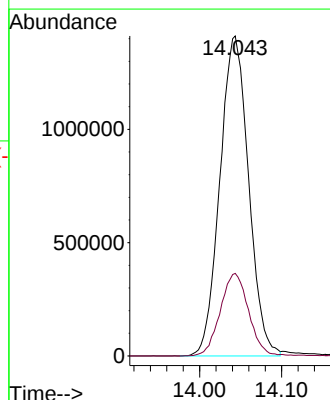
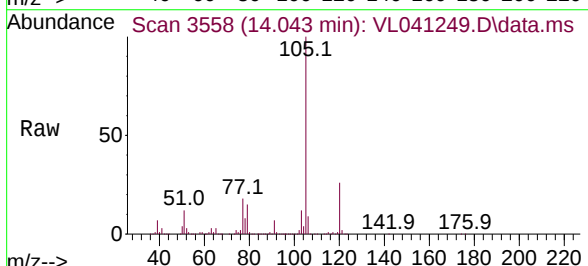
Acq: 9 May 2024 8:46

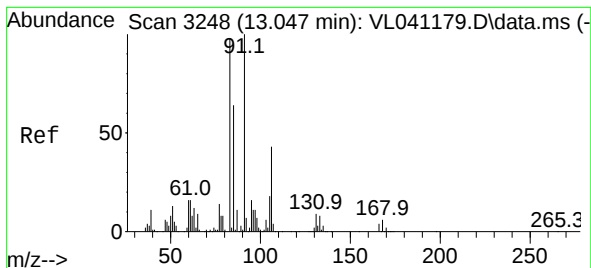
Tgt Ion:105 Resp: 3439295

Ion Ratio Lower Upper

105 100

120 25.7 20.2 30.2

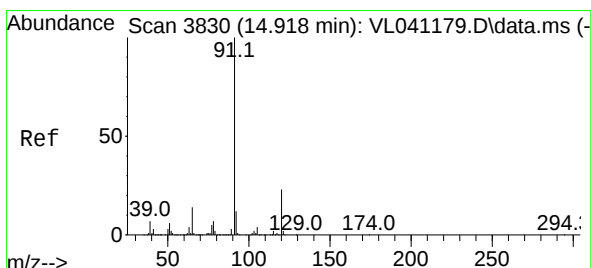
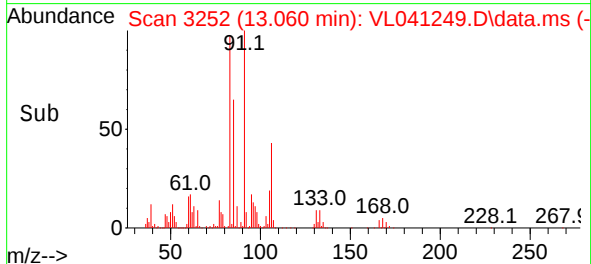
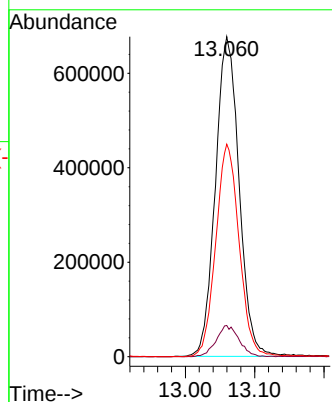
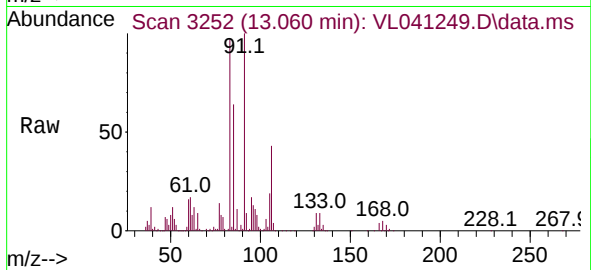




#63
1,1,2,2-Tetrachloroethane
Concen: 8.291 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

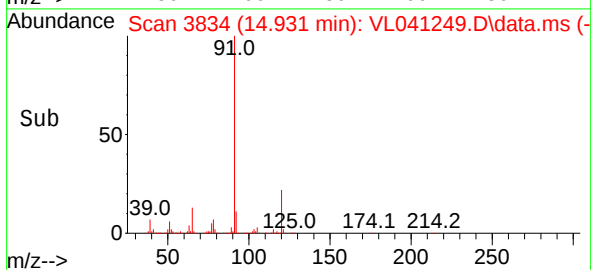
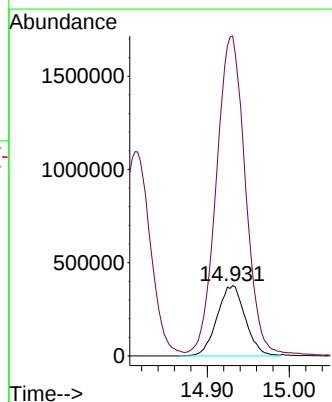
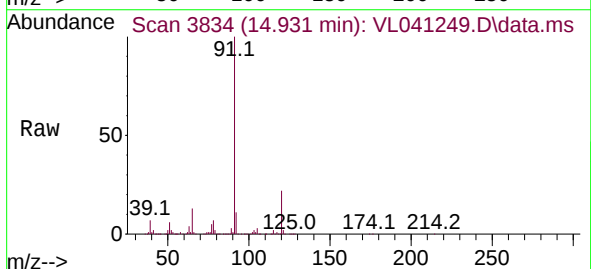
Instrument :
MSVOA_L
ClientSampleId :

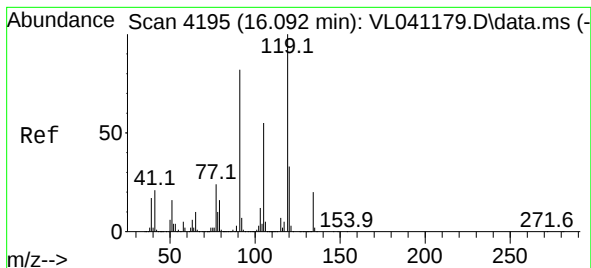
Tgt Ion: 83 Resp: 1605625
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.5
85 66.0 32.7 98.1



#64
n-propylbenzene
Concen: 8.486 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL041249.D
Acq: 9 May 2024 8:46

Tgt Ion:120 Resp: 899768
Ion Ratio Lower Upper
120 100
91 474.2 384.8 577.2





#65

tert-Butylbenzene

Concen: 7.965 ppbv

RT: 16.101 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

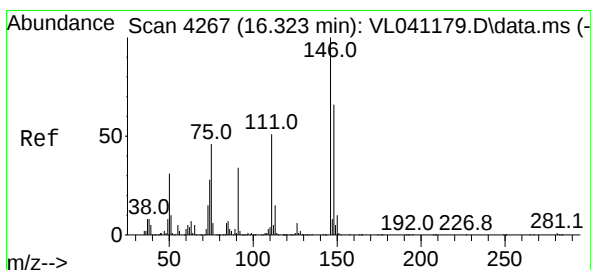
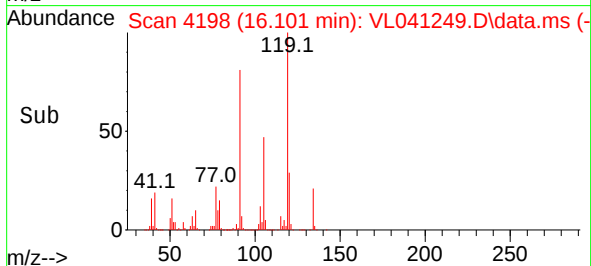
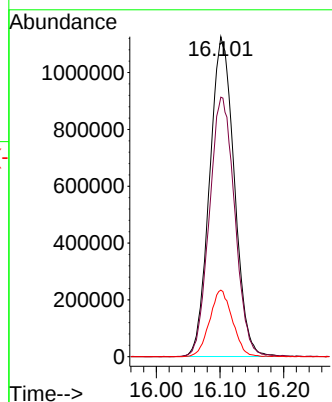
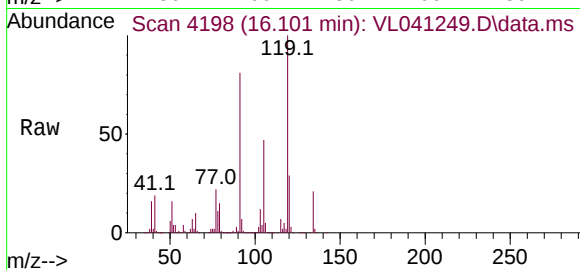
Tgt Ion:119 Resp: 3031786

Ion Ratio Lower Upper

119 100

91 83.5 67.0 100.4

134 19.4 15.2 22.8



#66

Benzyl Chloride

Concen: 2.837 ppbv

RT: 16.346 min Scan# 4274

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

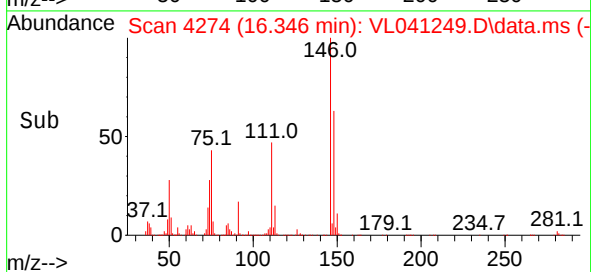
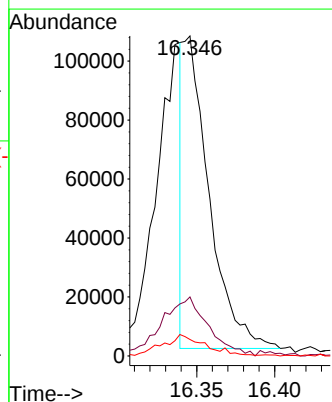
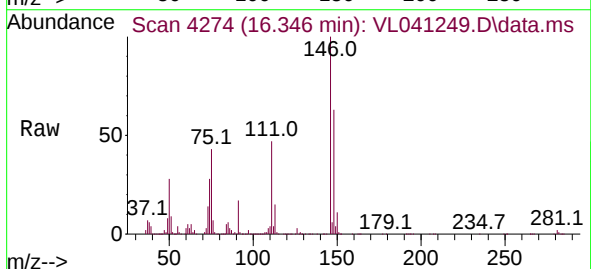
Tgt Ion: 91 Resp: 122238

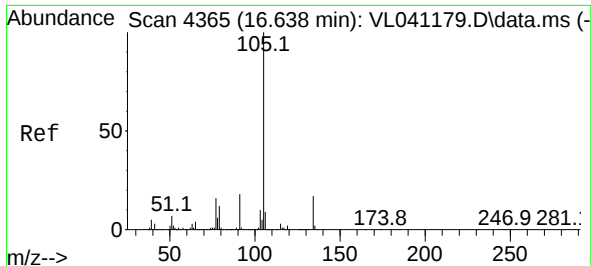
Ion Ratio Lower Upper

91 100

126 36.1 14.6 21.8#

128 11.9 4.7 7.1#





#67

sec-Butylbenzene

Concen: 8.031 ppbv

RT: 16.648 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

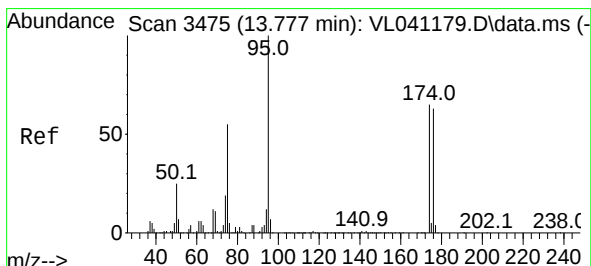
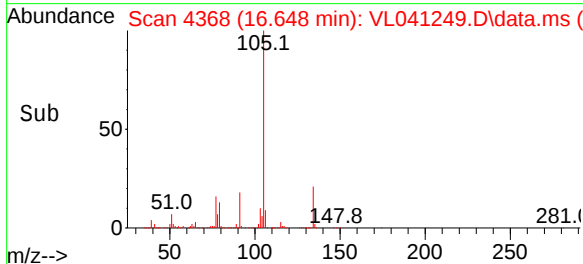
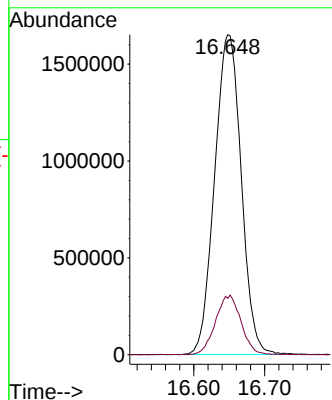
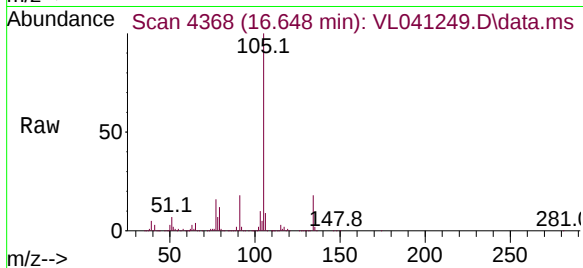
ClientSampleId :

Tgt Ion:105 Resp: 4303083

Ion Ratio Lower Upper

105 100

134 17.9 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 8.058 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

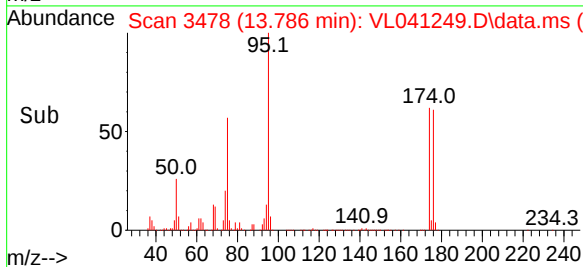
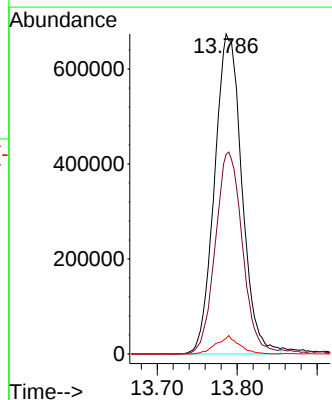
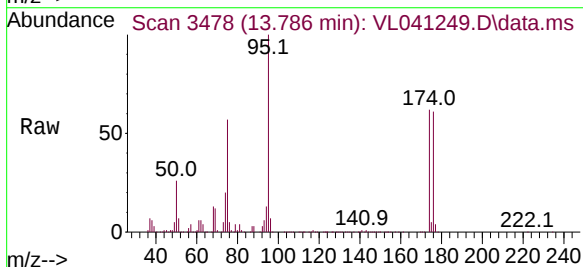
Tgt Ion: 95 Resp: 1599972

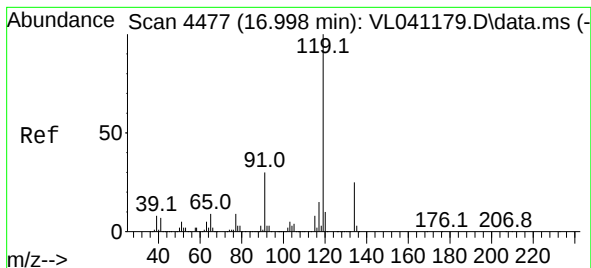
Ion Ratio Lower Upper

95 100

174 63.4 53.6 80.4

175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.111 ppbv

RT: 17.008 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

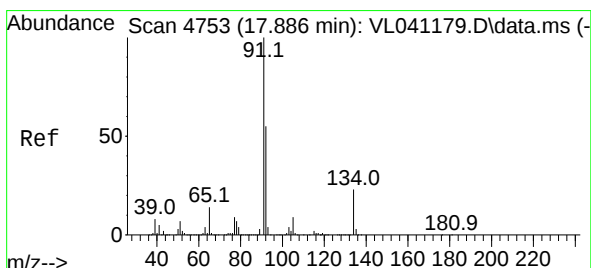
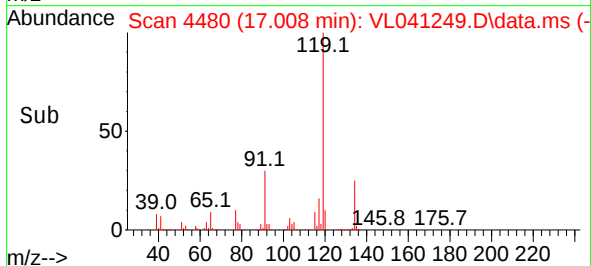
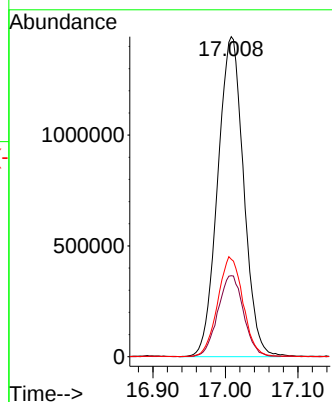
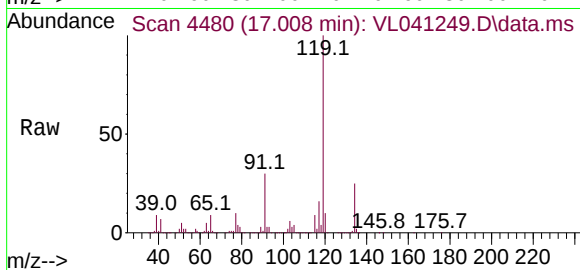
Tgt Ion:119 Resp: 3581459

Ion Ratio Lower Upper

119 100

134 25.3 20.1 30.1

91 30.4 24.2 36.2



#70

n-Butylbenzene

Concen: 8.116 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

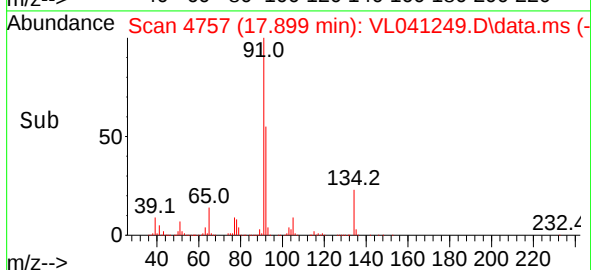
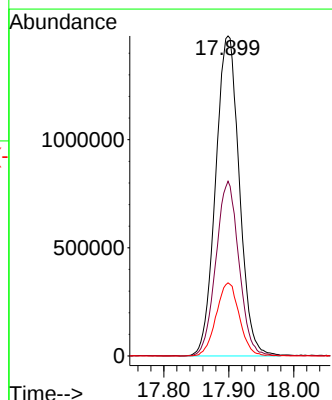
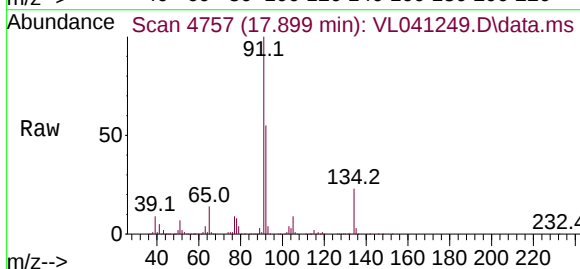
Tgt Ion: 91 Resp: 3742533

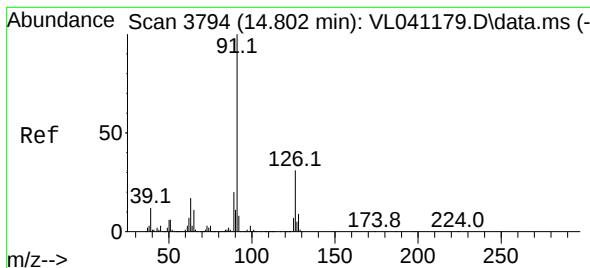
Ion Ratio Lower Upper

91 100

92 53.3 43.3 64.9

134 22.4 17.8 26.8





#71

2-Chlorotoluene

Concen: 8.165 ppbv

RT: 14.812 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

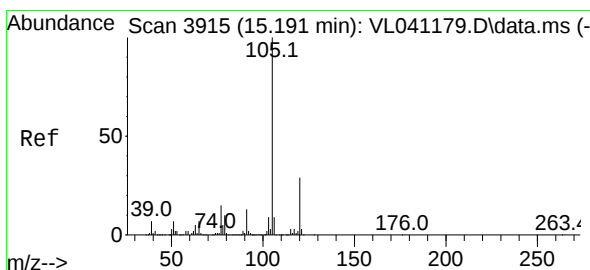
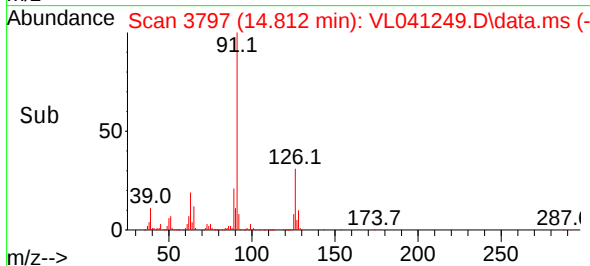
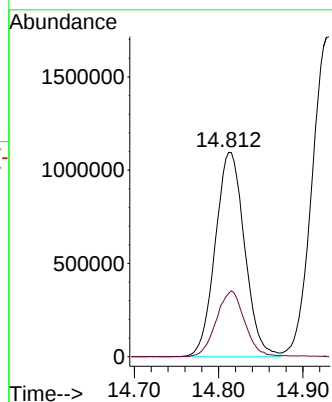
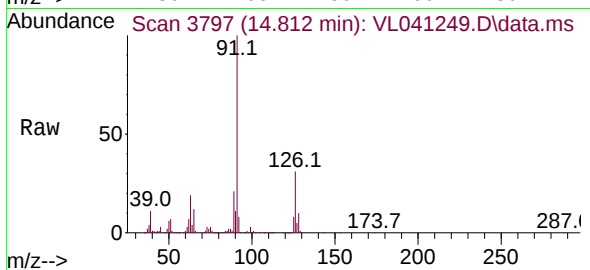
ClientSampleId :

Tgt Ion: 91 Resp: 2641930

Ion Ratio Lower Upper

91 100

126 31.8 12.2 48.8



#72

4-Ethyltoluene

Concen: 8.515 ppbv

RT: 15.207 min Scan# 3920

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion:105 Resp: 2740169

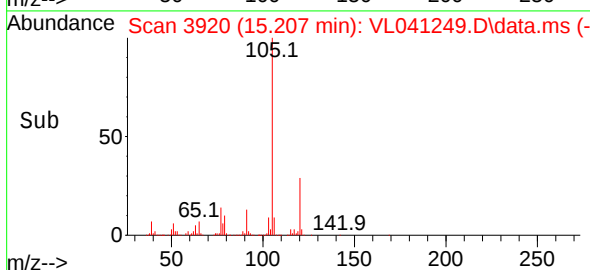
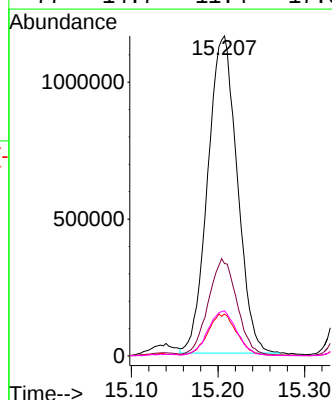
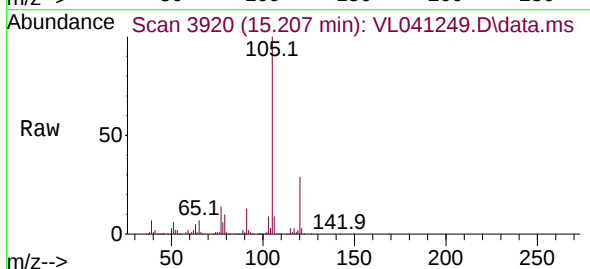
Ion Ratio Lower Upper

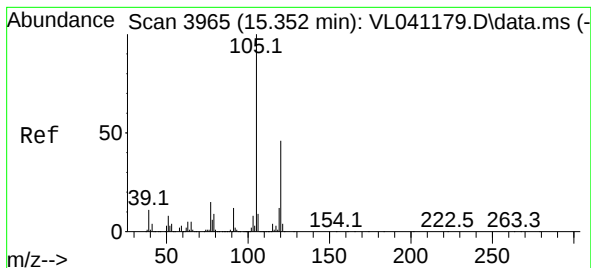
105 100

120 31.1 24.7 37.1

91 13.3 10.3 15.5

77 14.7 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 8.337 ppbv

RT: 15.365 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

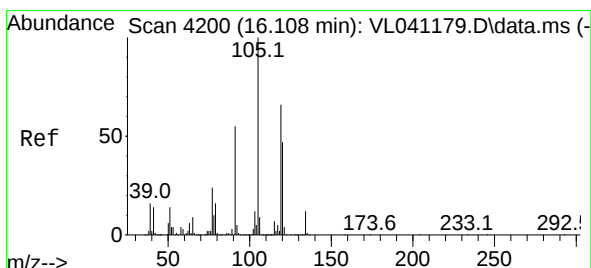
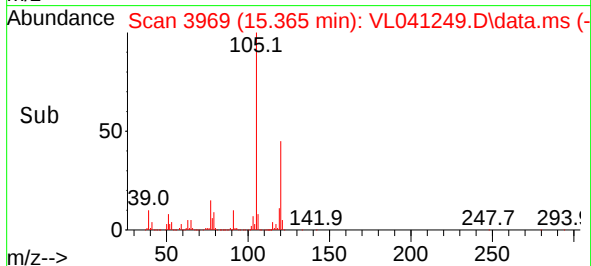
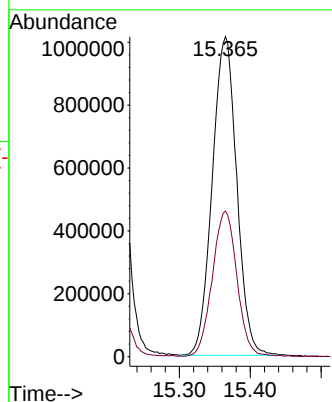
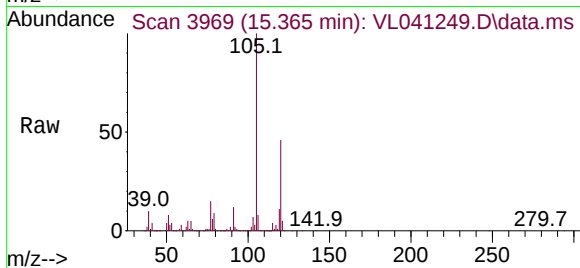
ClientSampleId :

Tgt Ion:105 Resp: 2427565

Ion Ratio Lower Upper

105 100

120 45.6 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 8.239 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Tgt Ion:105 Resp: 2620017

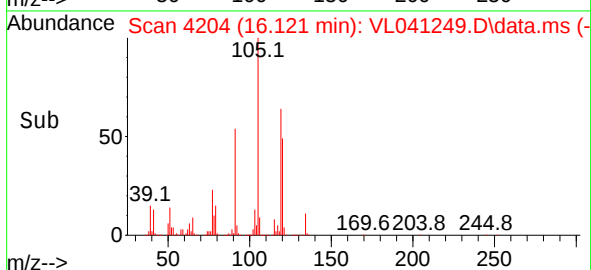
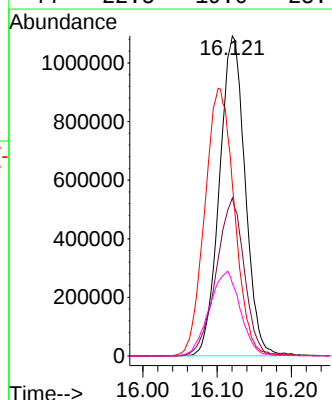
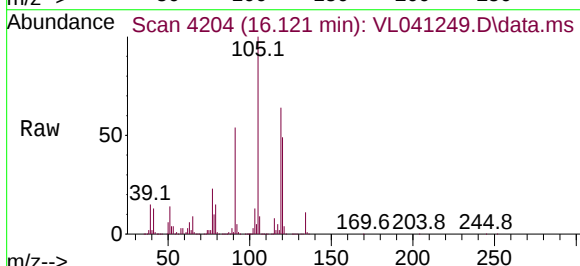
Ion Ratio Lower Upper

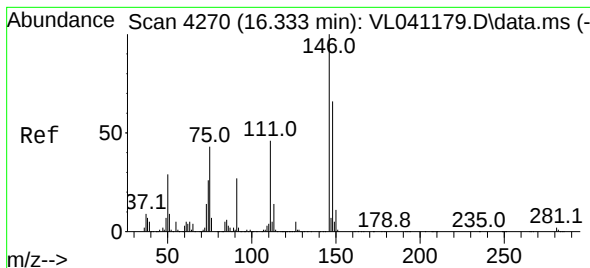
105 100

120 49.3 37.8 56.6

91 53.2 44.3 66.5

77 22.5 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 8.594 ppbv

RT: 16.342 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

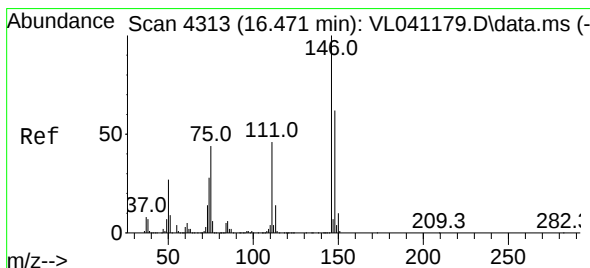
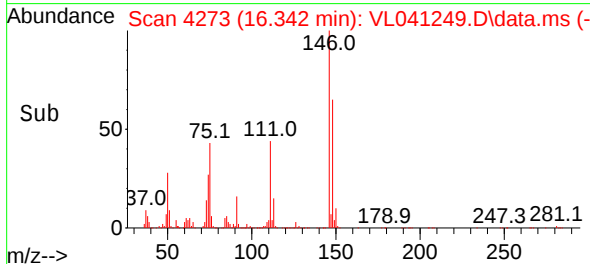
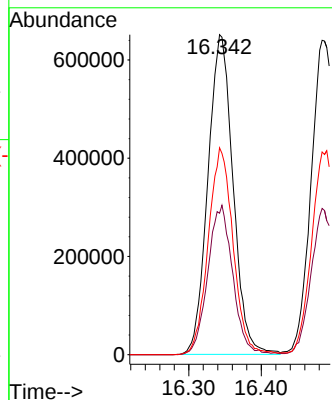
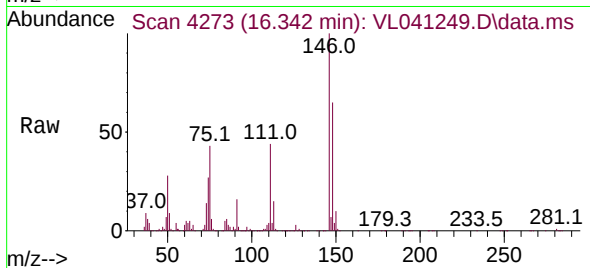
Tgt Ion:146 Resp: 1567052

Ion Ratio Lower Upper

146 100

111 46.5 23.7 71.1

148 64.1 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 8.766 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

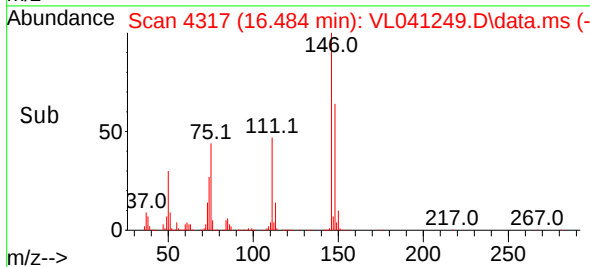
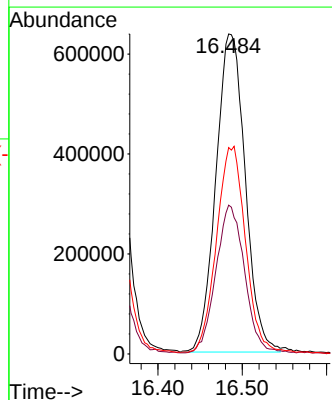
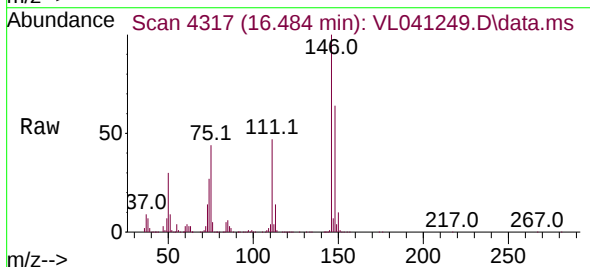
Tgt Ion:146 Resp: 1537184

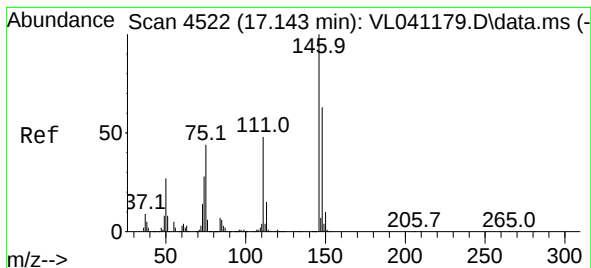
Ion Ratio Lower Upper

146 100

111 46.5 23.3 69.8

148 65.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 8.251 ppbv

RT: 17.159 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

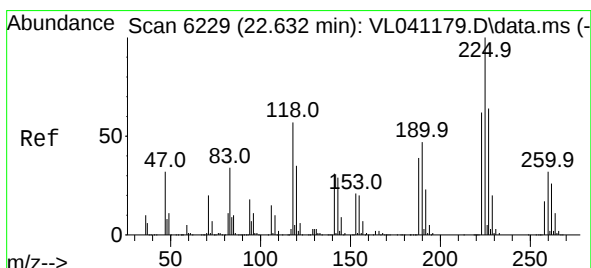
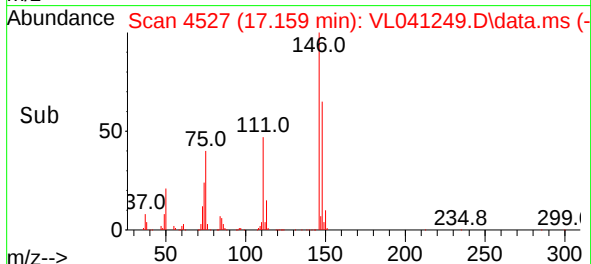
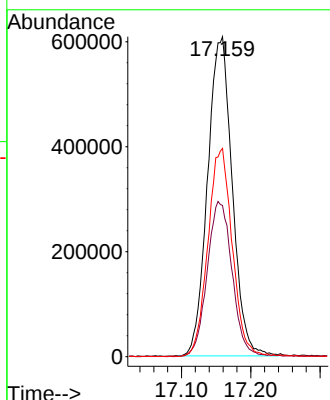
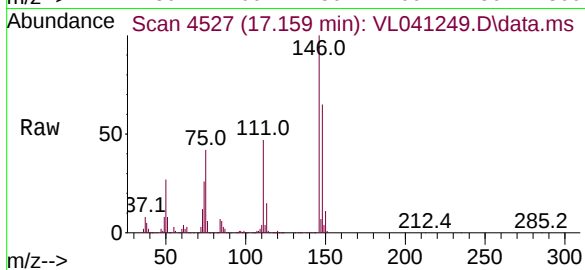
Tgt Ion:146 Resp: 1503936

Ion Ratio Lower Upper

146 100

111 49.2 24.5 73.5

148 64.7 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 6.628 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

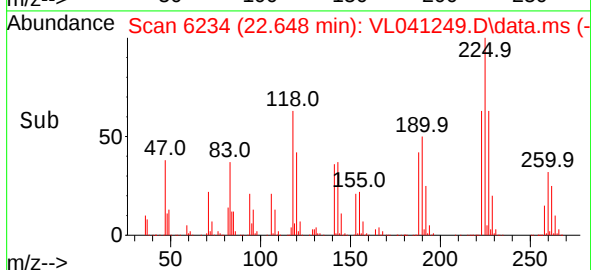
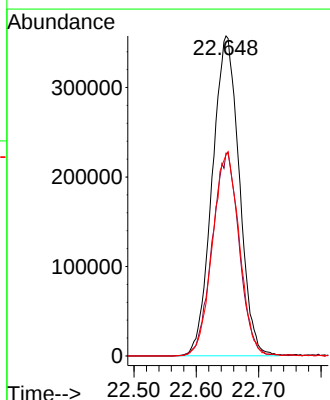
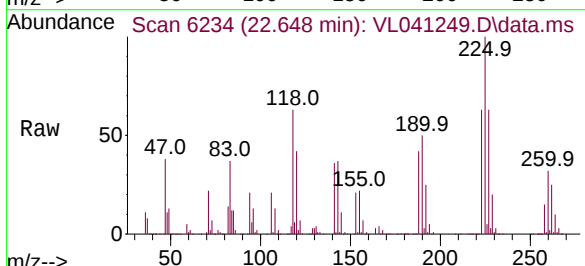
Tgt Ion:225 Resp: 1073809

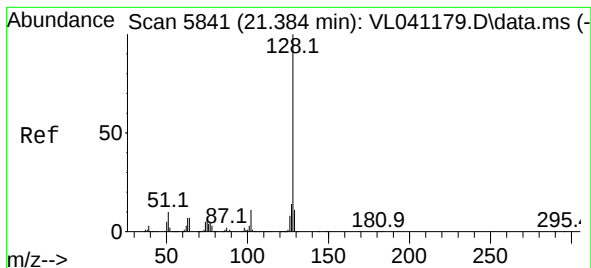
Ion Ratio Lower Upper

225 100

223 63.8 50.9 76.3

227 63.6 52.0 78.0





#79

Naphthalene

Concen: 8.656 ppbv

RT: 21.400 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

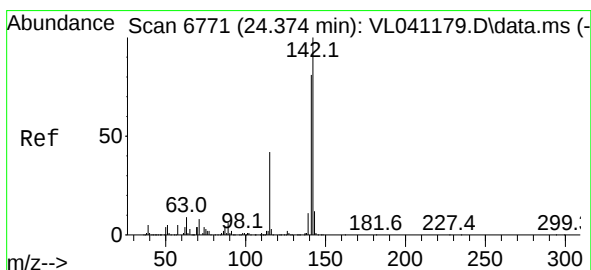
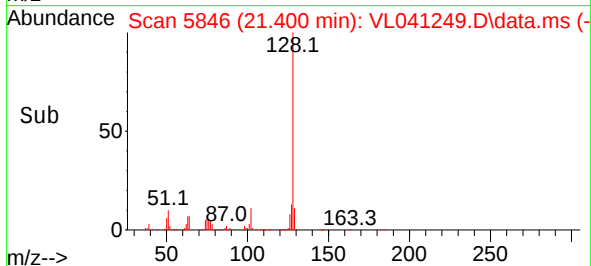
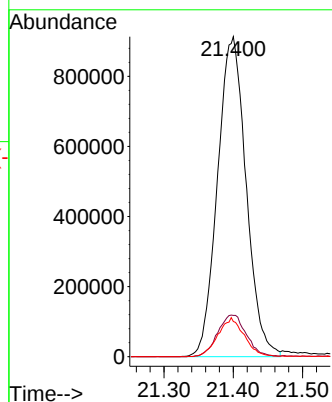
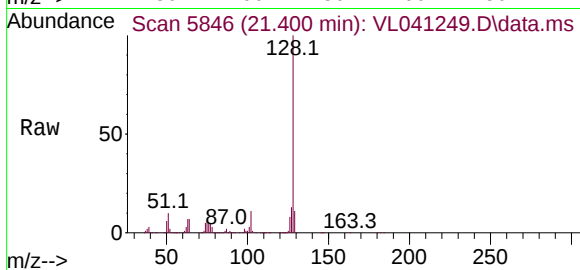
Tgt Ion:128 Resp: 2621234

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 6.418 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.000 min

Lab File: VL041249.D

Acq: 9 May 2024 8:46

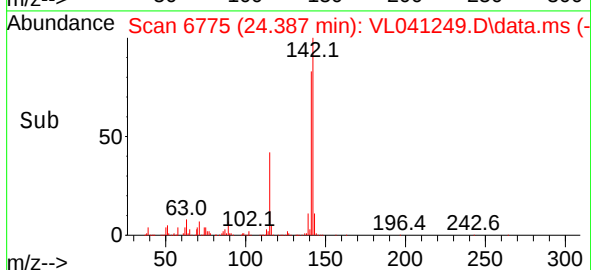
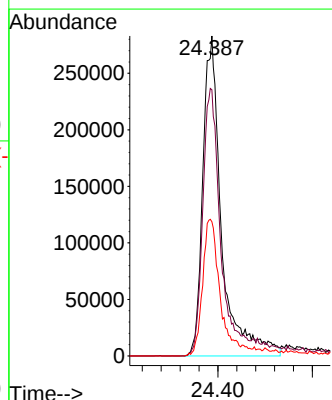
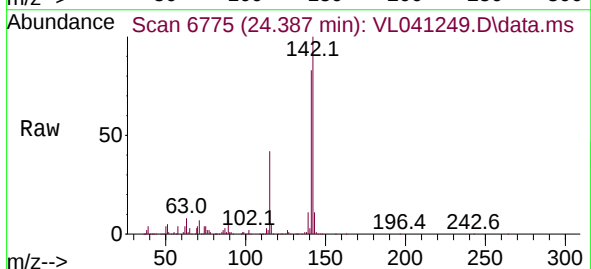
Tgt Ion:142 Resp: 781850

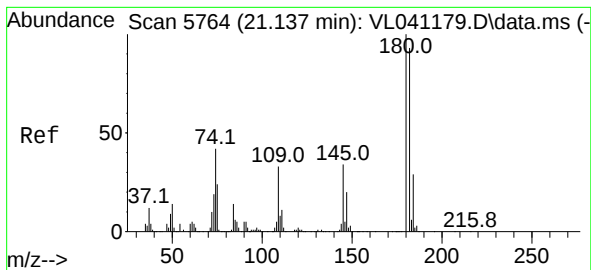
Ion Ratio Lower Upper

142 100

141 85.6 67.9 101.9

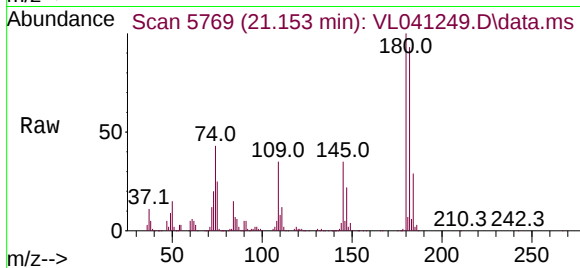
115 41.4 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 7.890 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041249.D
 Acq: 9 May 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1261621

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.2	115.8
184	30.8	24.6	36.8

