

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041503.D
 Acq On : 8 Aug 2024 8:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 09 05:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	994274	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2716113	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2735202	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2064714	9.809	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	1205570	7.048	ppbv	100
3) Chlorodifluoromethane	2.655	51	1218812	10.297	ppbv	99
4) Chloromethane	2.793	50	654494	10.396	ppbv	98
5) Vinyl Chloride	2.903	62	657002	10.588	ppbv	100
6) Bromomethane	3.102	94	347002	10.880	ppbv	97
7) Chloroethane	3.179	64	222634	10.396	ppbv	98
8) Dichlorotetrafluoroethane	2.838	85	1535212	10.129	ppbv	99
9) Propene	2.674	41	552374	10.159	ppbv	99
10) Heptane	7.568	43	1367534	11.194	ppbv	100
11) Trichlorofluoromethane	3.546	101	1537424	10.121	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	1117174	10.213	ppbv	99
13) Ethanol	3.227	45	35258	7.255	ppbv	90
14) Bromoethene	3.349	108	448512	10.517	ppbv	99
15) Acetone	3.449	43	1157230	10.244	ppbv	100
16) 1,3-Butadiene	2.967	39	648992	10.753	ppbv	99
17) tert-Butyl alcohol	3.861	59	1149112	11.153	ppbv	99
18) 1,1-Dichloroethene	3.864	96	510290	10.906	ppbv	100
19) Isopropyl Alcohol	3.555	45	702963	10.644	ppbv #	97
20) Methylene Chloride	3.915	84	421098	9.996	ppbv	96
21) Allyl Chloride	3.980	41	810028	10.933	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	501480	10.719	ppbv	98
23) Vinyl Acetate	4.613	43	1027820	11.913	ppbv #	99
24) 1,1-Dichloroethane	4.549	63	1071411	10.547	ppbv	100
25) Ethyl Acetate	5.189	43	2422469	10.794	ppbv	100
26) Hexane	5.198	57	1003885	10.783	ppbv	99
27) Carbon Disulfide	4.108	76	1219858	11.200	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	624314	10.633	ppbv	100
29) Chloroform	5.259	83	1584043	10.431	ppbv	96
30) Cyclohexane	6.590	84	860023	11.344	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	991208	10.777	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1561971	10.567	ppbv	99
34) 2-Butanone	4.771	43	1433865	10.913	ppbv	99
35) Carbon Tetrachloride	6.478	117	1642158	10.962	ppbv	99
36) Benzene	6.359	78	2160436	10.886	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1212174	10.913	ppbv	100
38) Trichloroethene	7.282	130	973395	10.706	ppbv	98
39) 1,2-Dichloropropane	7.063	63	831710	10.946	ppbv	97
40) 1,4-Dioxane	7.272	88	351210	11.506	ppbv	96
41) Tetrahydrofuran	5.542	42	882484	11.744	ppbv	98
42) Bromodichloromethane	7.240	83	1760010	10.973	ppbv	99
43) Methyl Methacrylate	7.462	69	859947	12.083	ppbv	97
44) 2,2,4-Trimethylpentane	7.317	57	3637662	10.974	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	870364	13.287	ppbv	96

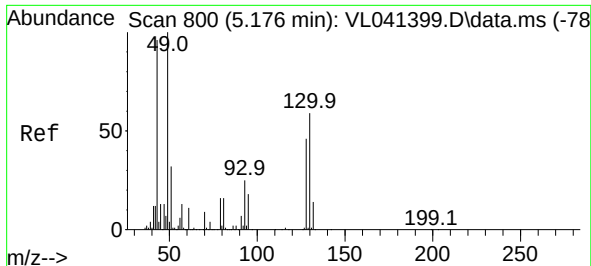
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
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Quant Time: Aug 09 05:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1170745	12.377	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	906083	10.818	ppbv	97
48) Dibromochloromethane	9.703	129	1512424	11.209	ppbv	99
49) Bromoform	12.397	173	1335513	11.718	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2427866	11.712	ppbv	100
51) 2-Hexanone	9.536	43	1971025	12.575	ppbv #	99
52) Tetrachloroethene	10.610	164	829107	10.812	ppbv	97
53) Toluene	9.211	91	2538680	11.484	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1309379	11.745	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	1094554	10.319	ppbv #	57
57) Chlorobenzene	11.516	112	1979363	10.164	ppbv	98
58) Ethyl Benzene	12.079	91	3440262	10.912	ppbv	98
59) m/p-Xylene	12.362	91	3036741	11.158	ppbv #	36
60) o-Xylene	13.050	91	2788147	10.830	ppbv	100
61) Styrene	12.889	104	1365378	11.756	ppbv	99
62) Isopropylbenzene	14.018	105	4085330	10.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1720583	10.584	ppbv	100
64) n-propylbenzene	14.908	120	1093524	10.687	ppbv	95
65) tert-Butylbenzene	16.079	119	3674350	10.394	ppbv	100
66) Benzyl Chloride	16.320	91	282565	12.462	ppbv	100
67) sec-Butylbenzene	16.625	105	5141403	10.556	ppbv	100
69) p-Isopropyltoluene	16.986	119	4317703	10.683	ppbv	100
70) n-Butylbenzene	17.873	91	4449977	10.740	ppbv	100
71) 2-Chlorotoluene	14.790	91	3074343	10.652	ppbv	99
72) 4-Ethyltoluene	15.185	105	3346091	11.040	ppbv	100
73) 1,3,5-Trimethylbenzene	15.339	105	2877672	11.021	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3193140	10.519	ppbv	100
75) 1,3-Dichlorobenzene	16.317	146	1998644	10.474	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1949765	10.552	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1933641	10.222	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1474762	9.142	ppbv	100
79) Naphthalene	21.371	128	3286851	12.267	ppbv	100
80) Naphthalene,2-methyl-	24.361	142	2805169	12.490	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1726526	10.828	ppbv	100

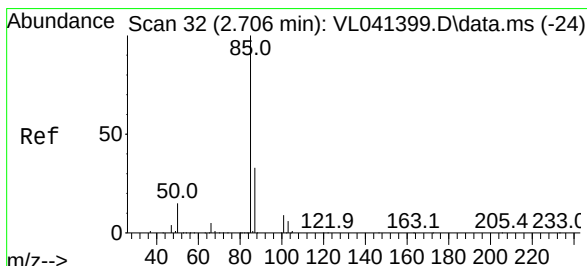
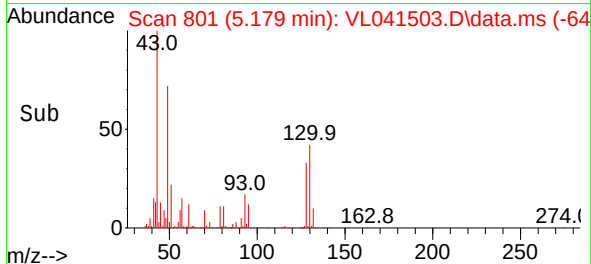
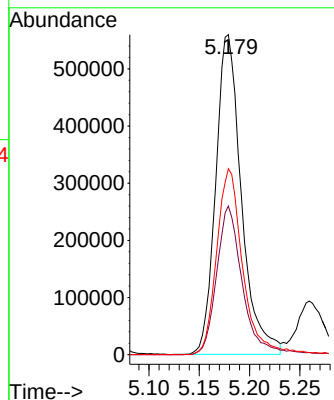
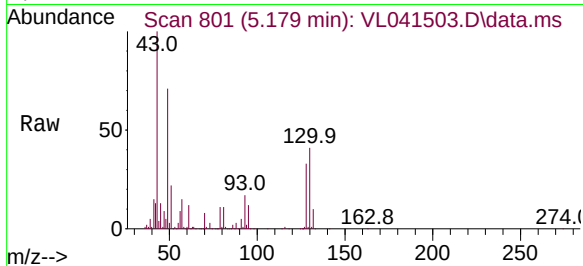
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

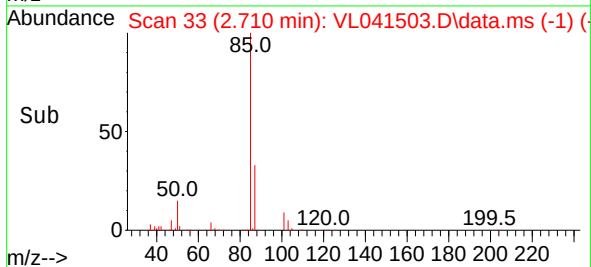
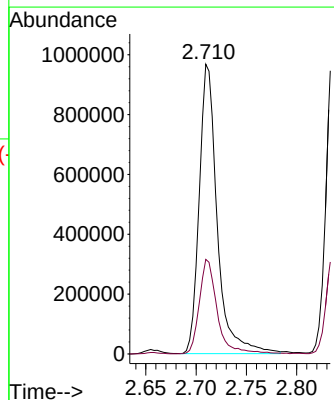
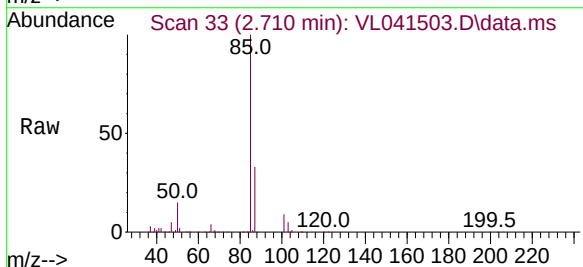
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 MSVOA_L
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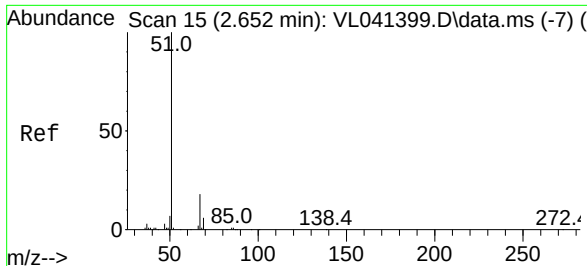
Tgt Ion: 49 Resp: 994274
 Ion Ratio Lower Upper
 49 100
 128 46.9 23.8 71.4
 130 60.0 30.8 92.4



#2
 Dichlorodifluoromethane
 Concen: 7.048 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. -0.022 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

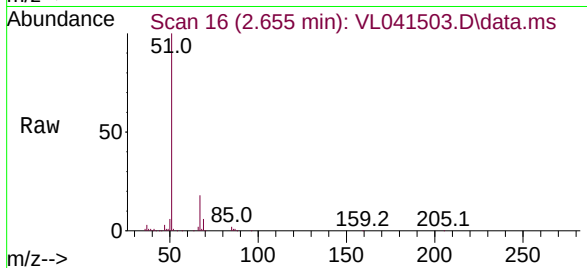
Tgt Ion: 85 Resp: 1205570
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



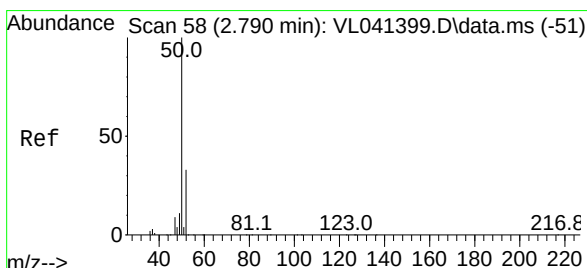
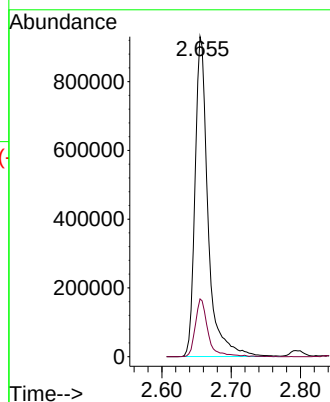
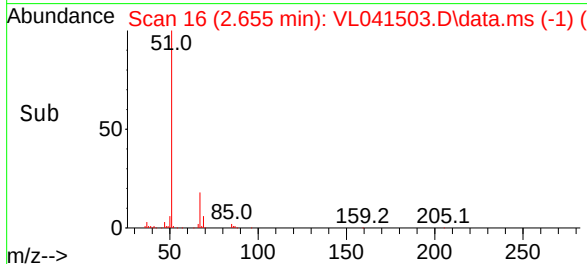


#3
Chlorodifluoromethane
Concen: 10.297 ppbv
RT: 2.655 min Scan# 1
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :

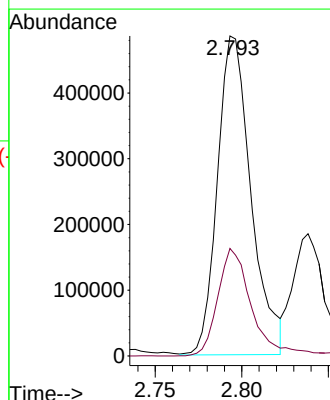
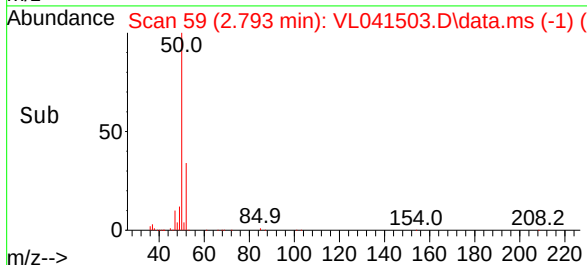
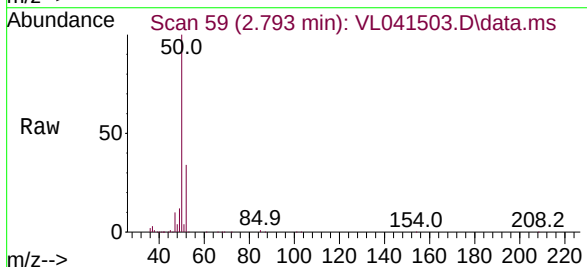


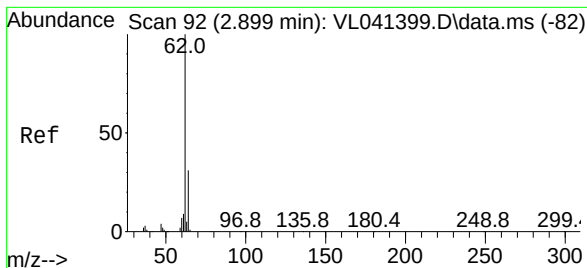
Tgt Ion: 51 Resp: 1218812
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7



#4
Chloromethane
Concen: 10.396 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 50 Resp: 654494
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1

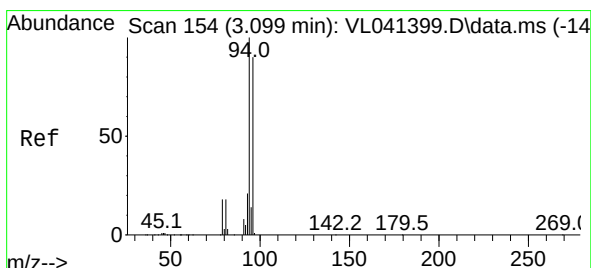
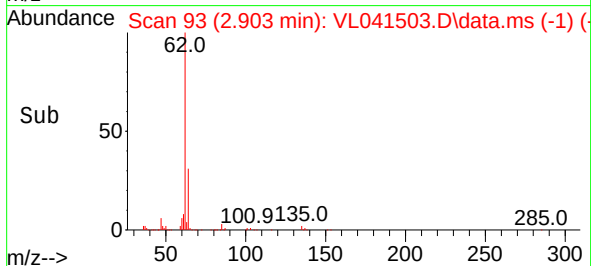
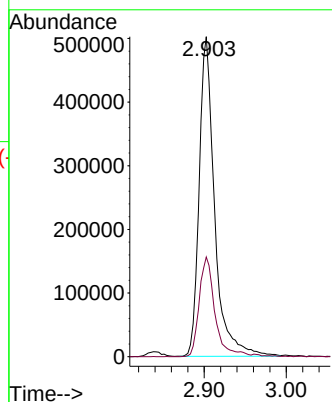
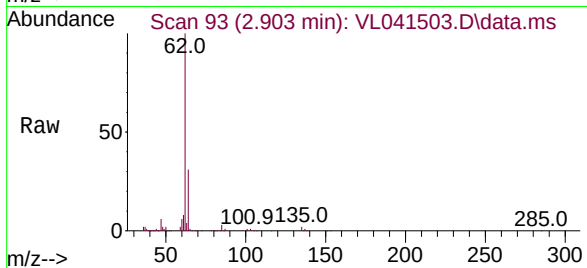




#5
 Vinyl Chloride
 Concen: 10.588 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. -0.019 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

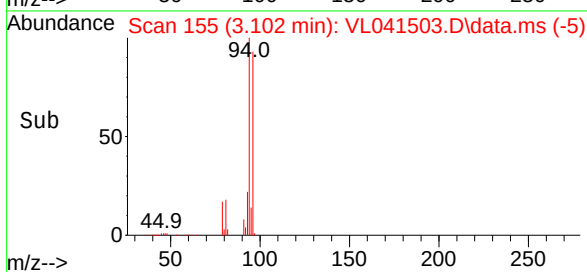
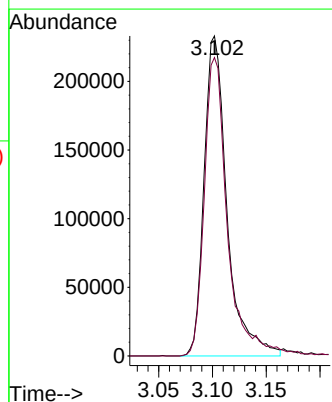
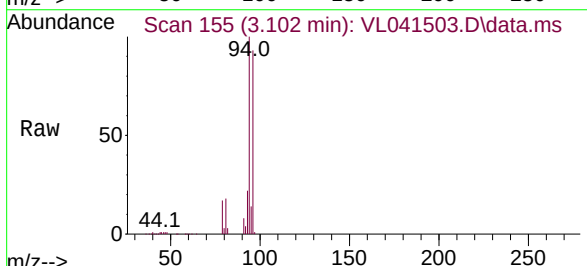
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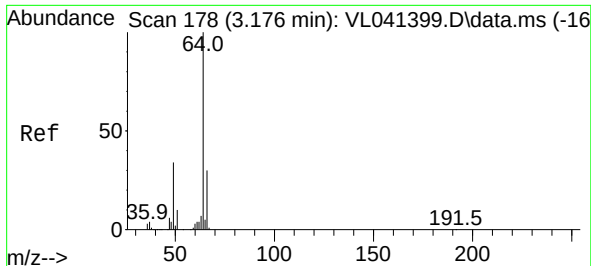
Tgt Ion: 62 Resp: 657002
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.0 37.4



#6
 Bromomethane
 Concen: 10.880 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.019 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

Tgt Ion: 94 Resp: 347002
 Ion Ratio Lower Upper
 94 100
 96 93.2 72.3 108.5

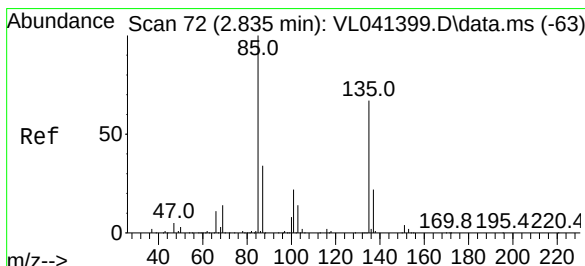
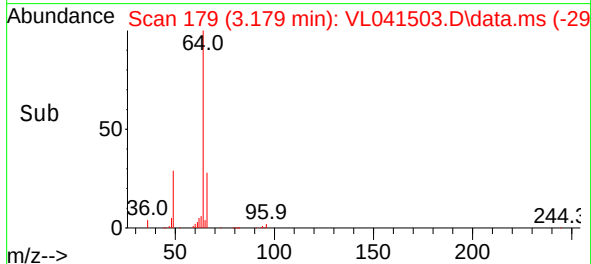
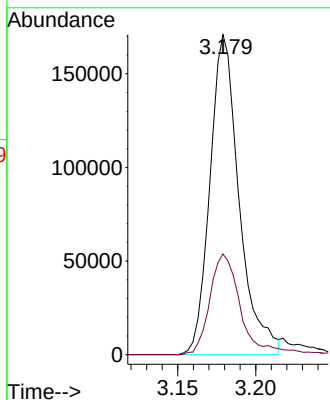
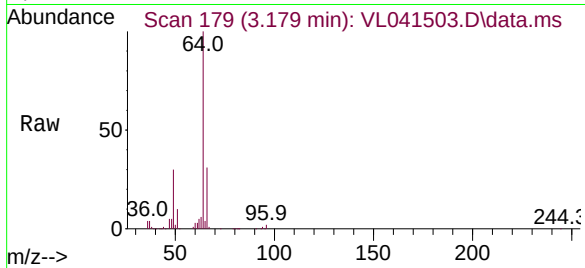




#7
Chloroethane
Concen: 10.396 ppbv
RT: 3.179 min Scan# 1
Delta R.T. -0.019 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

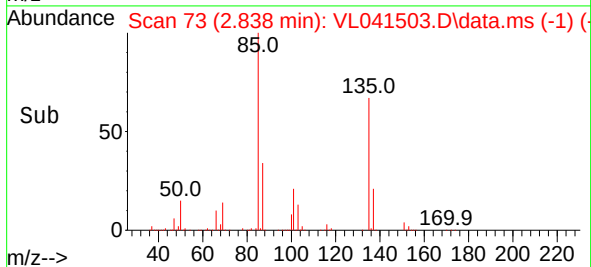
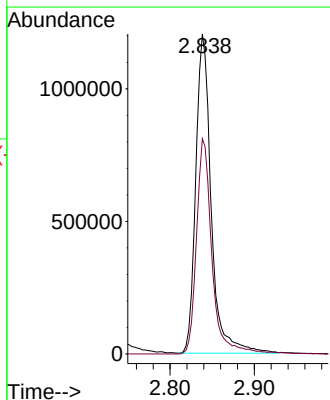
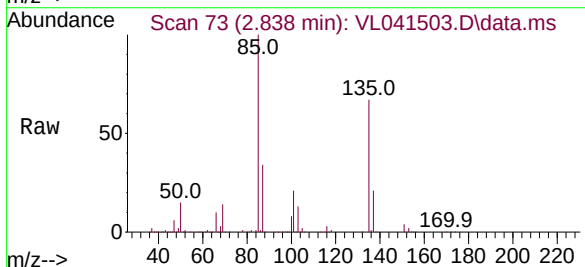
Instrument :
MSVOA_L
ClientSampleId :

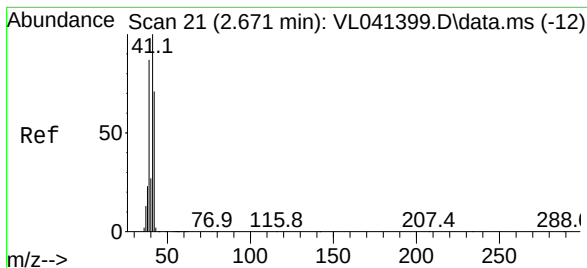
Tgt Ion: 64 Resp: 222634
Ion Ratio Lower Upper
64 100
66 31.4 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 10.129 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.022 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 85 Resp: 1535212
Ion Ratio Lower Upper
85 100
135 68.2 55.4 83.0





#9

Propene

Concen: 10.159 ppbv

RT: 2.674 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

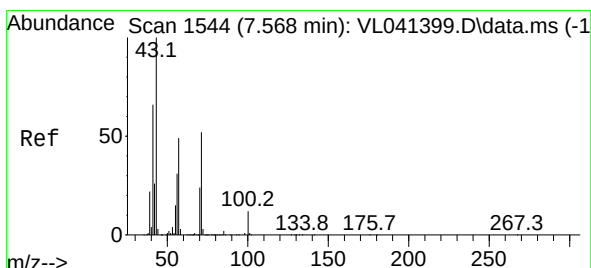
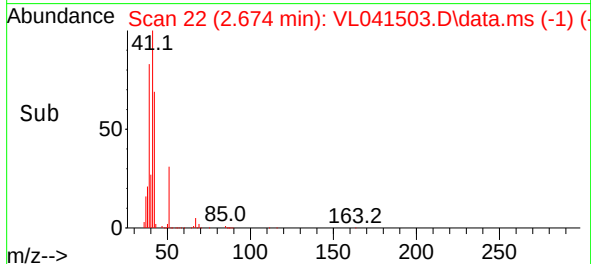
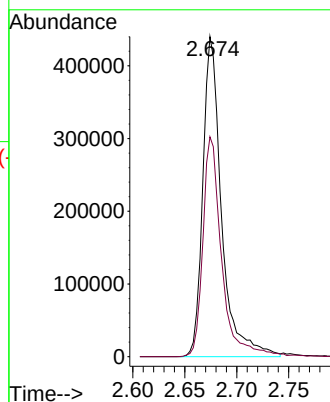
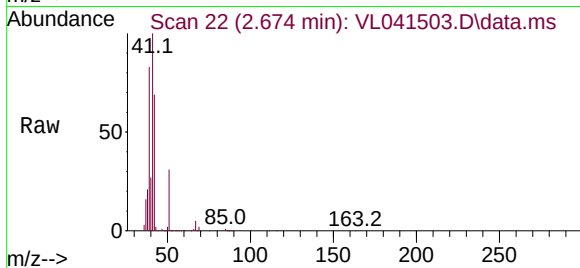
ClientSampleId :

Tgt Ion: 41 Resp: 552374

Ion Ratio Lower Upper

41 100

42 69.2 55.9 83.9



#10

Heptane

Concen: 11.194 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.006 min

Lab File: VL041503.D

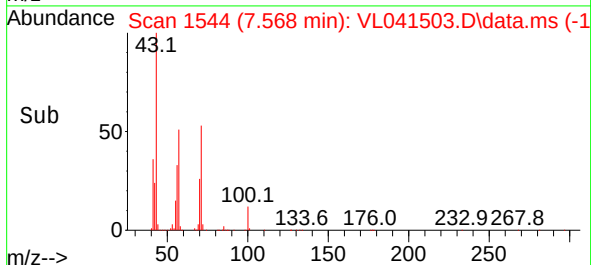
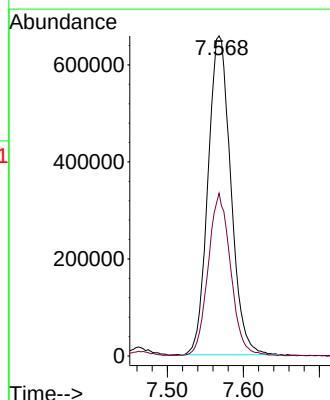
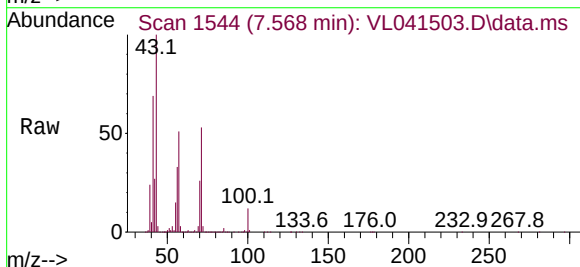
Acq: 8 Aug 2024 8:10

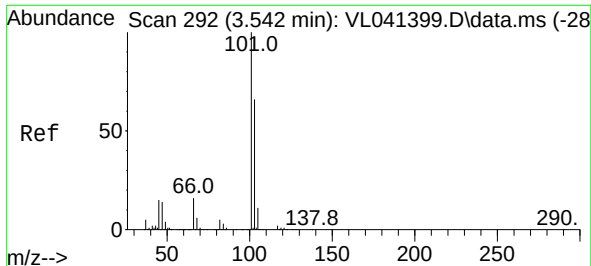
Tgt Ion: 43 Resp: 1367534

Ion Ratio Lower Upper

43 100

57 50.3 40.5 60.7





#11

Trichlorofluoromethane

Concen: 10.121 ppbv

RT: 3.546 min Scan# 20

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

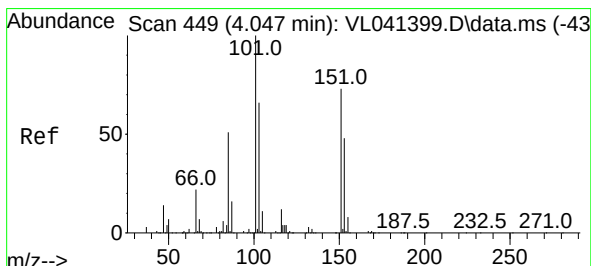
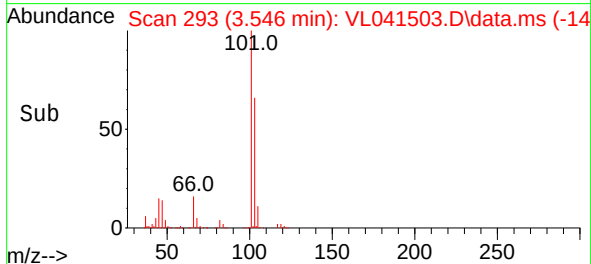
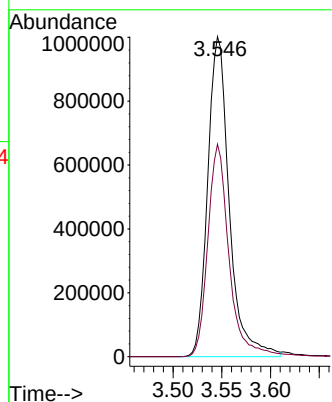
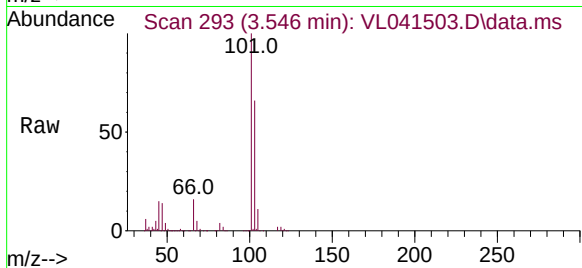
ClientSampleId :

Tgt Ion:101 Resp: 1537424

Ion Ratio Lower Upper

101 100

103 66.4 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.213 ppbv

RT: 4.050 min Scan# 450

Delta R.T. -0.013 min

Lab File: VL041503.D

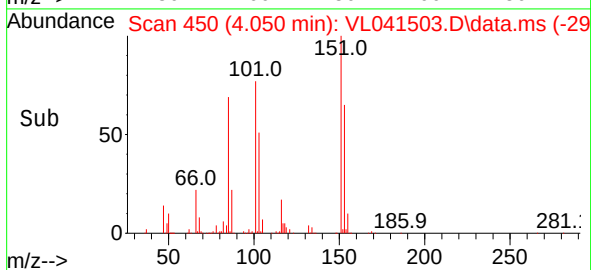
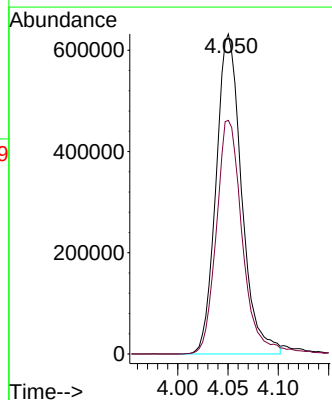
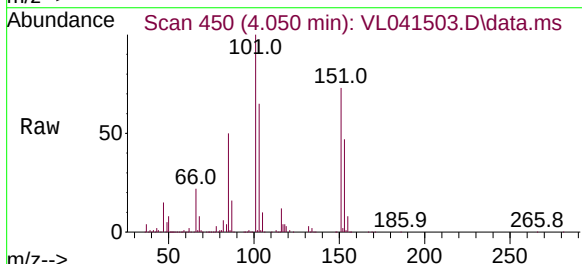
Acq: 8 Aug 2024 8:10

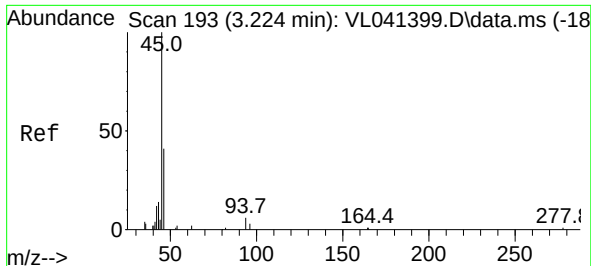
Tgt Ion:101 Resp: 1117174

Ion Ratio Lower Upper

101 100

151 75.1 59.4 89.2





#13

Ethanol

Concen: 7.255 ppbv

RT: 3.227 min Scan# 194

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

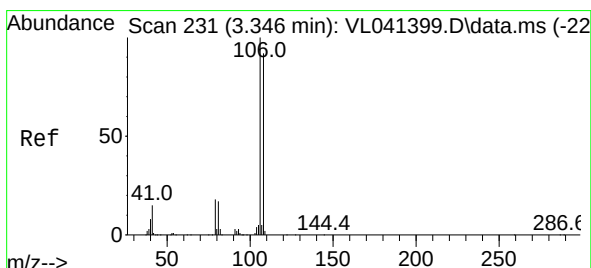
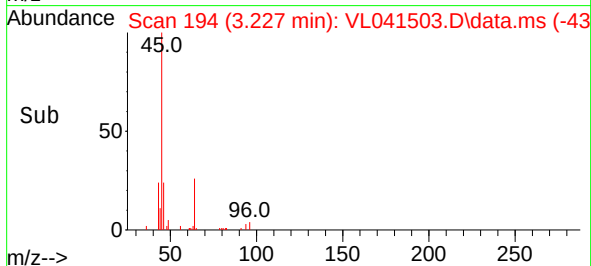
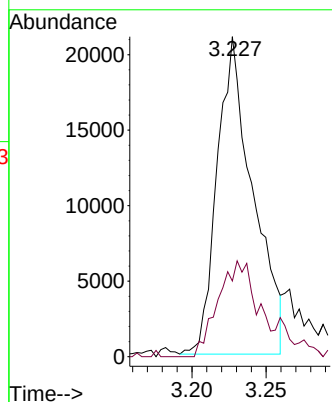
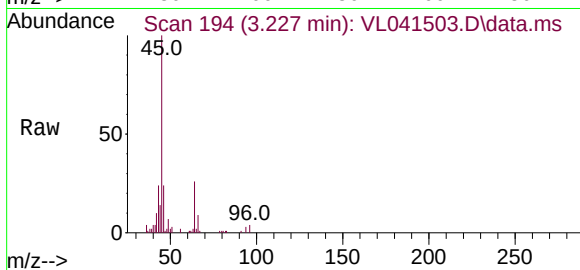
ClientSampleId :

Tgt Ion: 45 Resp: 35258

Ion Ratio Lower Upper

45 100

46 38.9 13.4 53.4



#14

Bromoethene

Concen: 10.517 ppbv

RT: 3.349 min Scan# 232

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

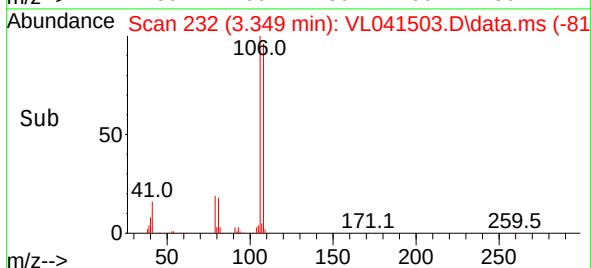
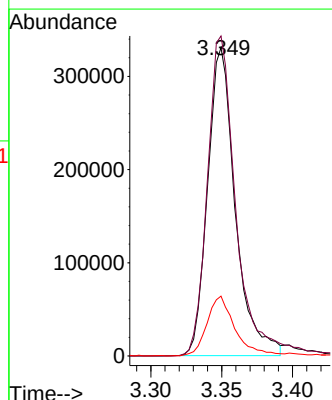
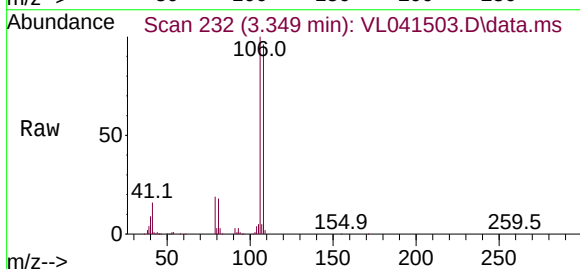
Tgt Ion:108 Resp: 448512

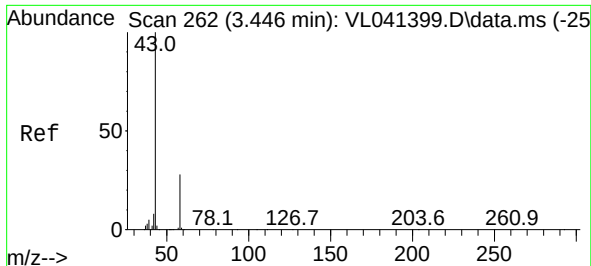
Ion Ratio Lower Upper

108 100

106 109.7 86.9 130.3

79 20.6 16.2 24.4





#15

Acetone

Concen: 10.244 ppbv

RT: 3.449 min Scan# 20

Delta R.T. -0.019 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

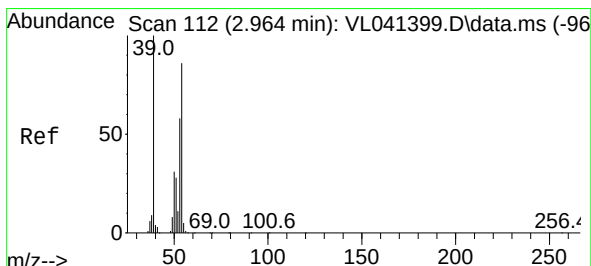
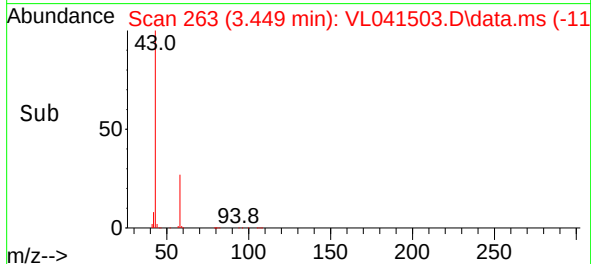
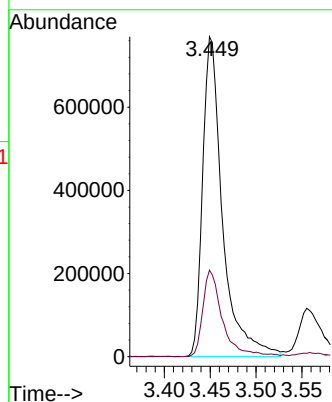
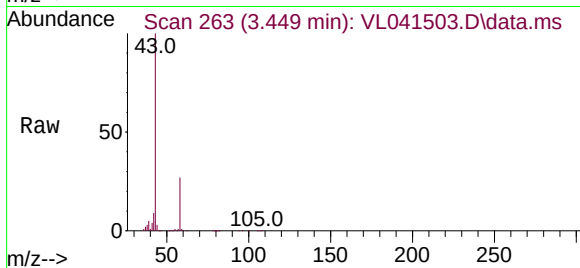
ClientSampleId :

Tgt Ion: 43 Resp: 1157230

Ion Ratio Lower Upper

43 100

58 27.0 21.4 32.2



#16

1,3-Butadiene

Concen: 10.753 ppbv

RT: 2.967 min Scan# 113

Delta R.T. -0.019 min

Lab File: VL041503.D

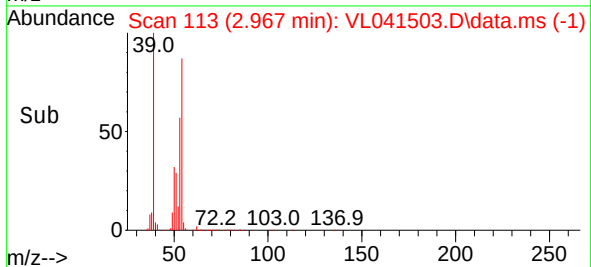
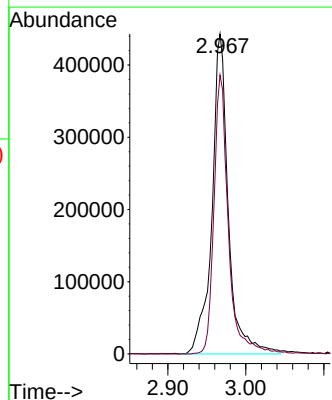
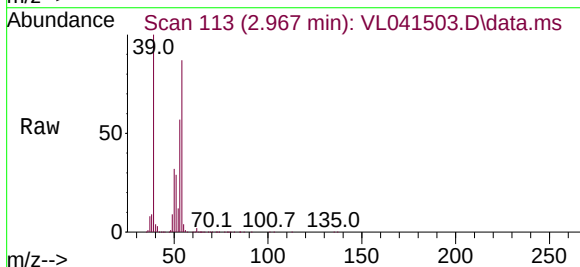
Acq: 8 Aug 2024 8:10

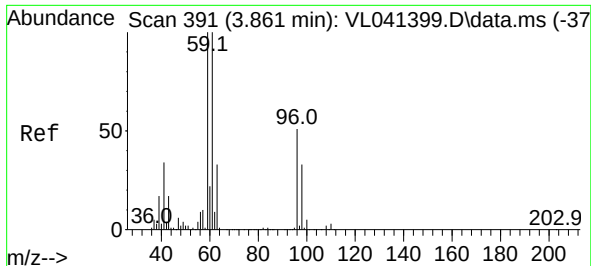
Tgt Ion: 39 Resp: 648992

Ion Ratio Lower Upper

39 100

54 77.1 62.5 93.7





#17

tert-Butyl alcohol

Concen: 11.153 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

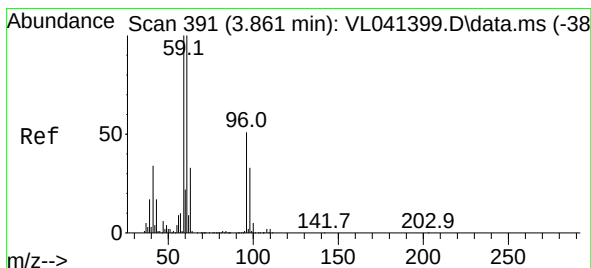
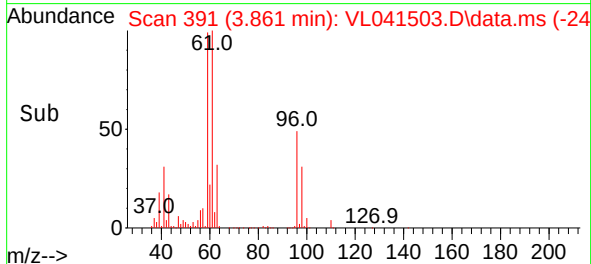
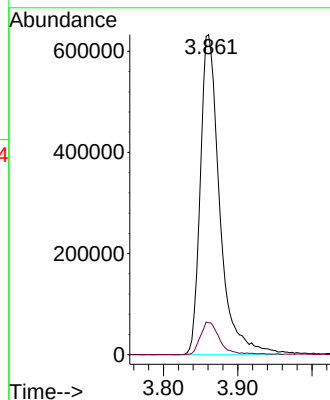
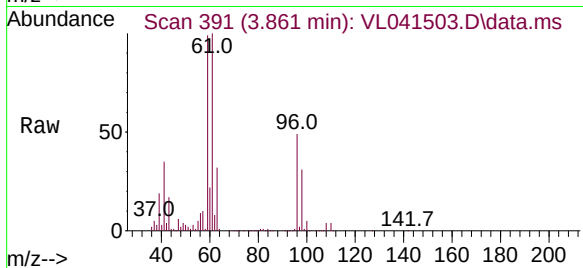
ClientSampleId :

Tgt Ion: 59 Resp: 1149112

Ion Ratio Lower Upper

59 100

57 10.4 8.6 12.8



#18

1,1-Dichloroethene

Concen: 10.906 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

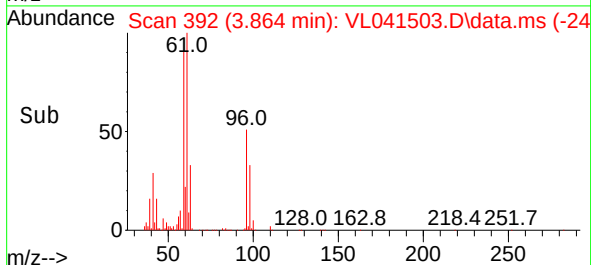
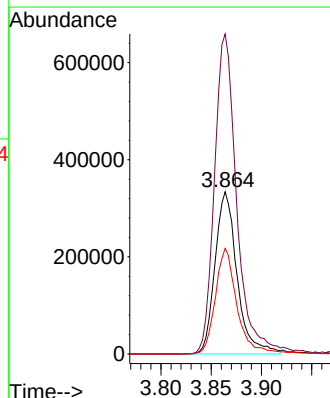
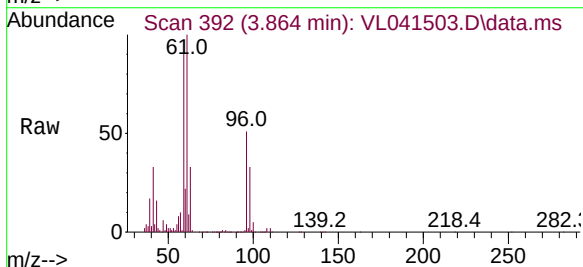
Tgt Ion: 96 Resp: 510290

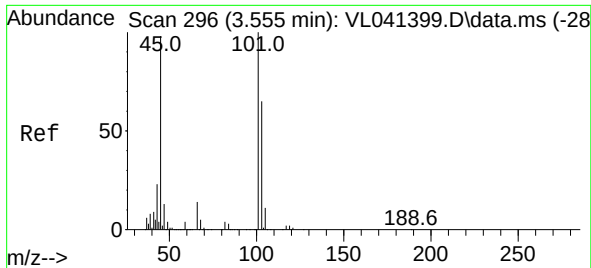
Ion Ratio Lower Upper

96 100

61 197.1 157.5 236.3

98 65.0 51.2 76.8





#19

Isopropyl Alcohol

Concen: 10.644 ppbv

RT: 3.555 min Scan# 20

Delta R.T. -0.019 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

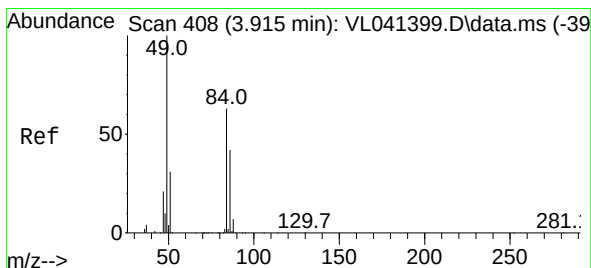
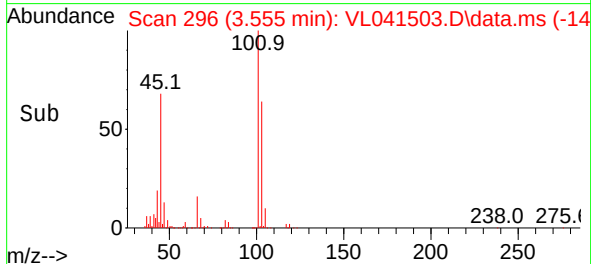
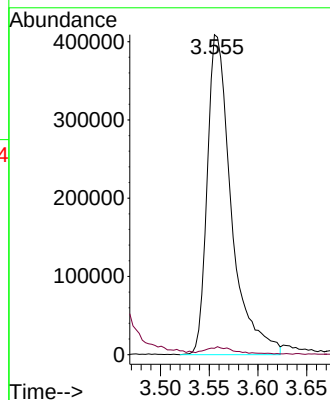
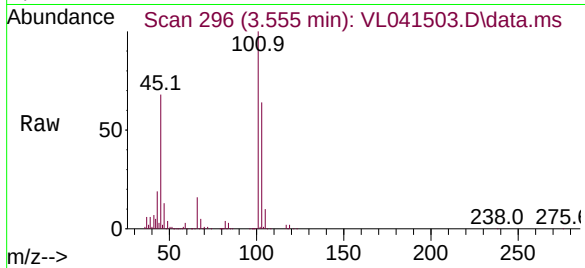
ClientSampleId :

Tgt Ion: 45 Resp: 702963

Ion Ratio Lower Upper

45 100

58 3.6 1.9 2.9#



#20

Methylene Chloride

Concen: 9.996 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Tgt Ion: 84 Resp: 421098

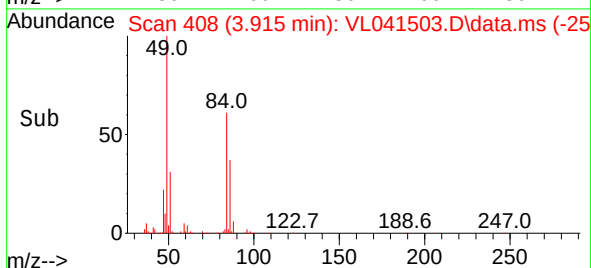
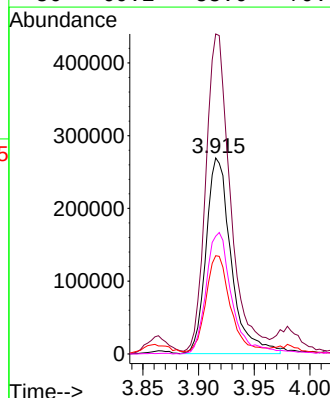
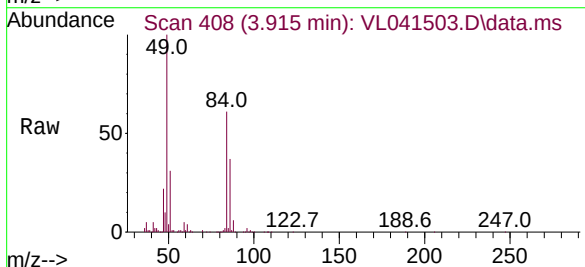
Ion Ratio Lower Upper

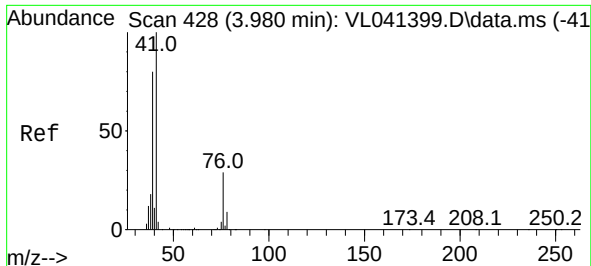
84 100

49 161.8 126.6 190.0

51 48.8 38.6 58.0

86 60.2 53.0 79.4





#21

Allyl Chloride

Concen: 10.933 ppbv

RT: 3.980 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

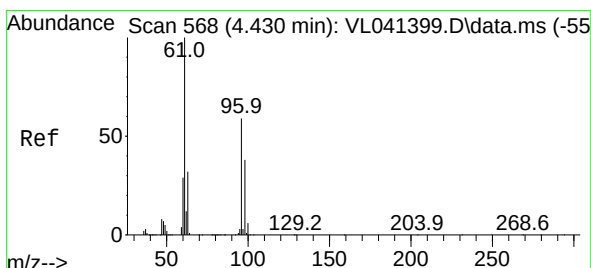
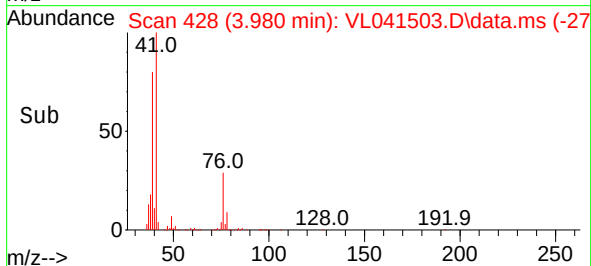
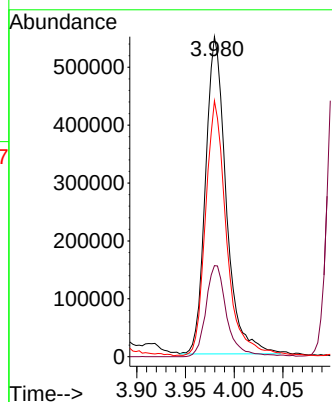
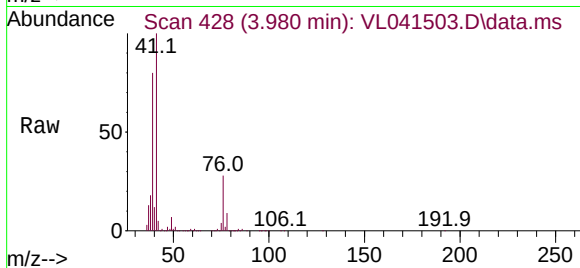
Tgt Ion: 41 Resp: 810028

Ion Ratio Lower Upper

41 100

76 29.2 23.7 35.5

39 81.9 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 10.719 ppbv

RT: 4.430 min Scan# 568

Delta R.T. -0.013 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

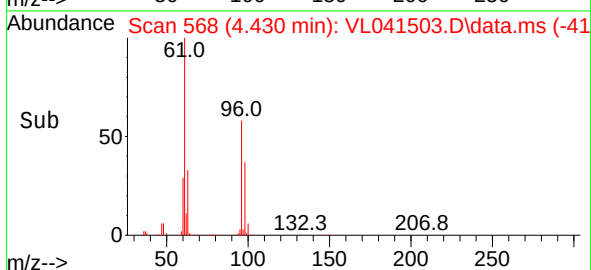
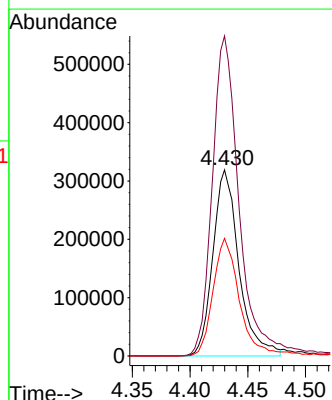
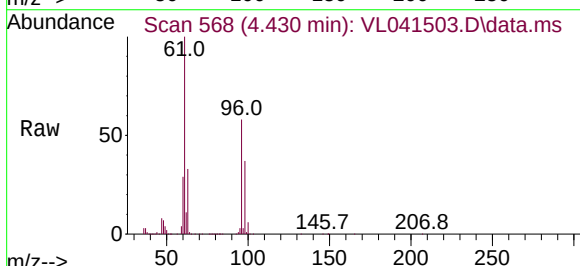
Tgt Ion: 96 Resp: 501480

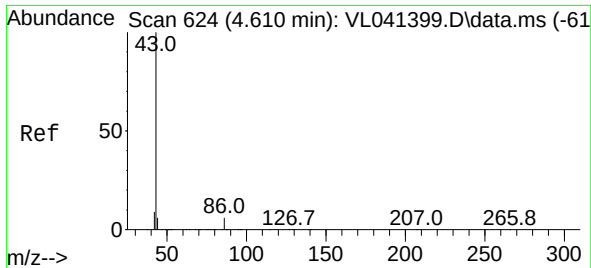
Ion Ratio Lower Upper

96 100

61 172.0 135.4 203.2

98 63.1 51.0 76.4

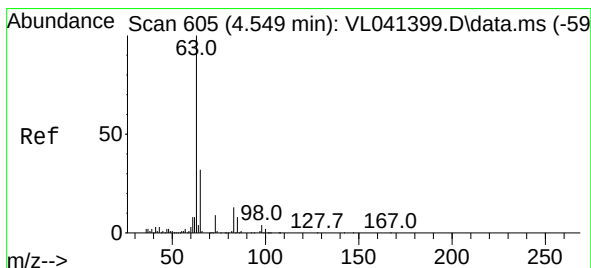
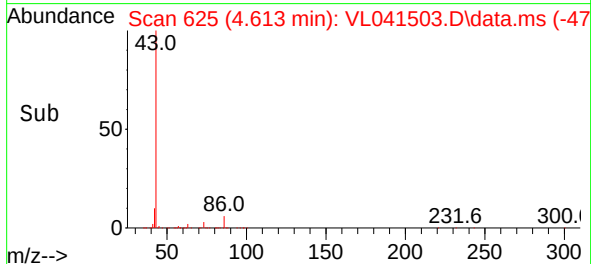
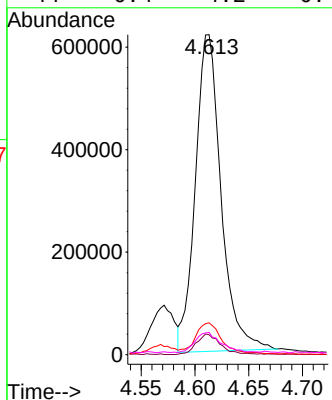
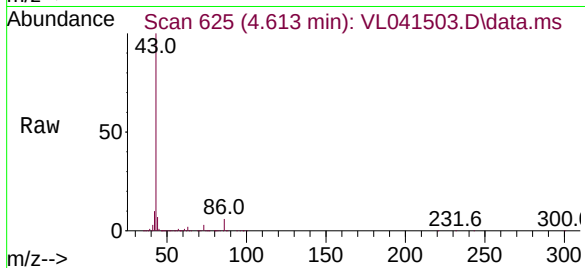




#23
 Vinyl Acetate
 Concen: 11.913 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

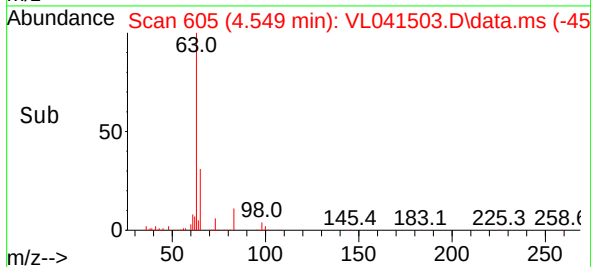
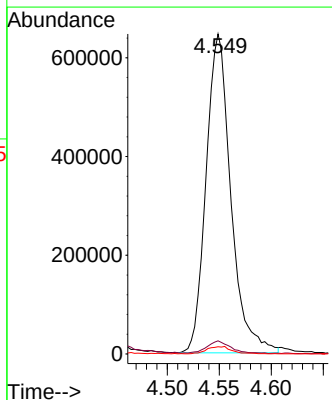
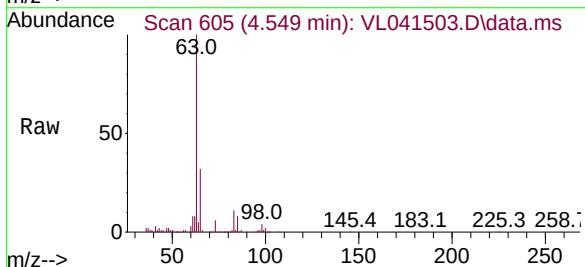
Instrument :
 MSVOA_L
 ClientSampleId :

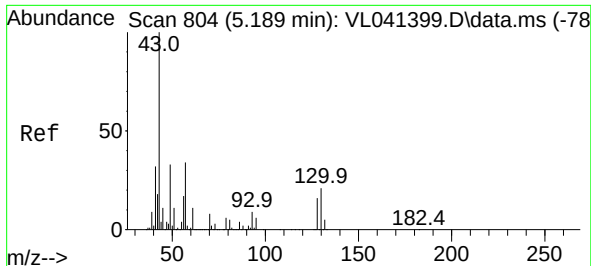
Tgt Ion: 43 Resp: 1027820
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.6 6.8
 42 9.9 7.9 11.9
 44 6.4 4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 10.547 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.013 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

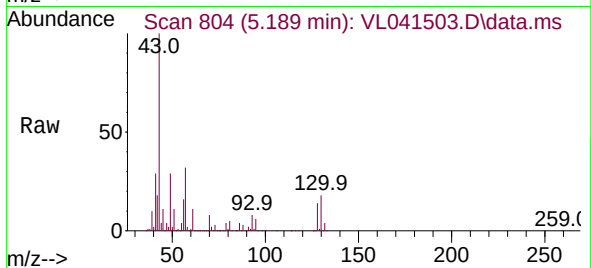
Tgt Ion: 63 Resp: 1071411
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 6.0
 100 2.2 1.2 3.6





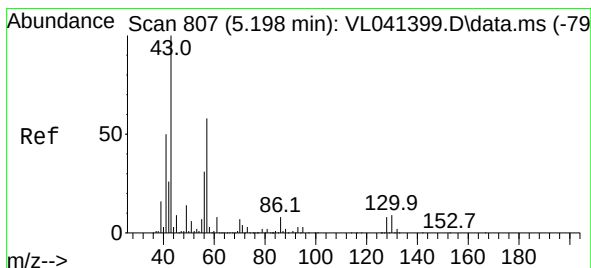
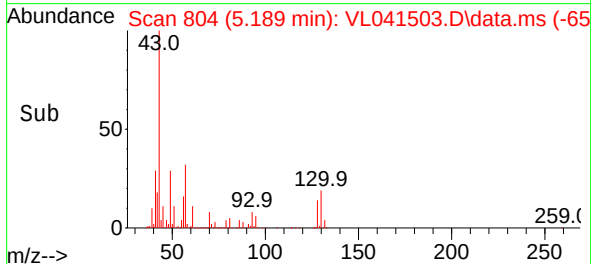
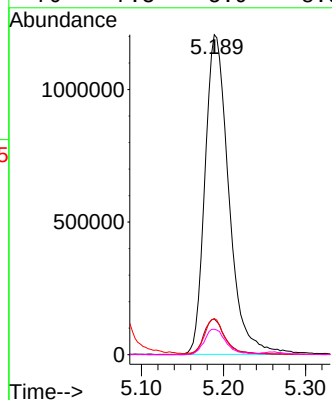
#25
Ethyl Acetate
Concen: 10.794 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2422469

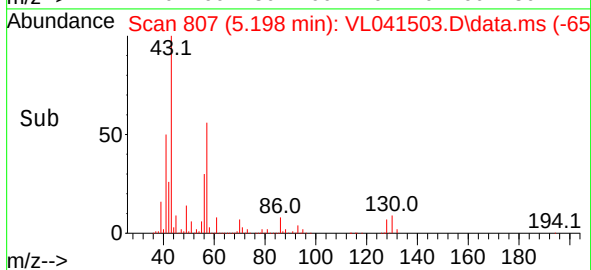
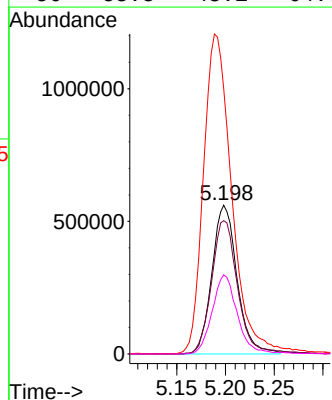
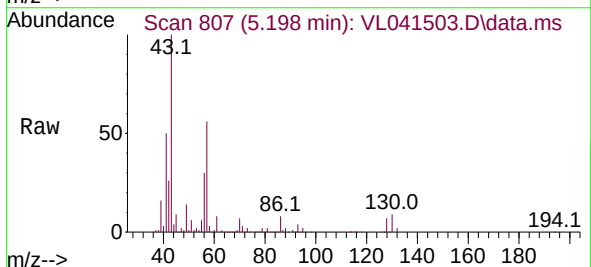
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.0	8.0	12.0
70	7.3	5.9	8.9

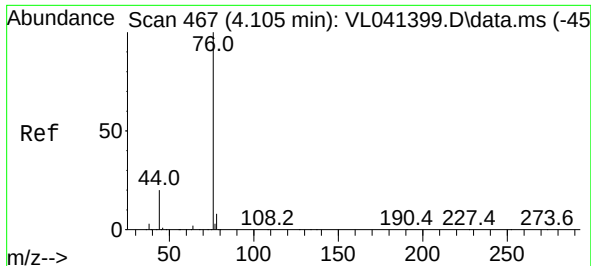


#26
Hexane
Concen: 10.783 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 57 Resp: 1003885

Ion	Ratio	Lower	Upper
57	100		
41	94.4	74.0	111.0
43	244.5	193.6	290.4
56	53.8	43.1	64.7

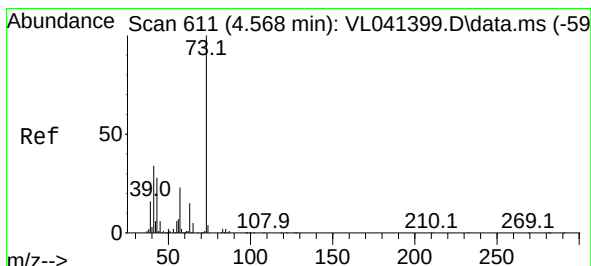
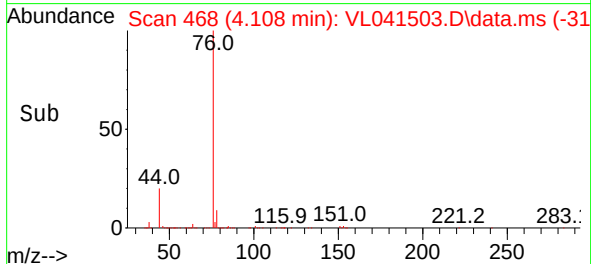
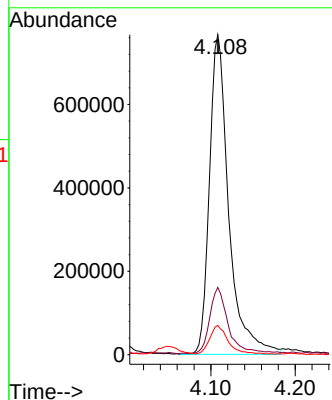
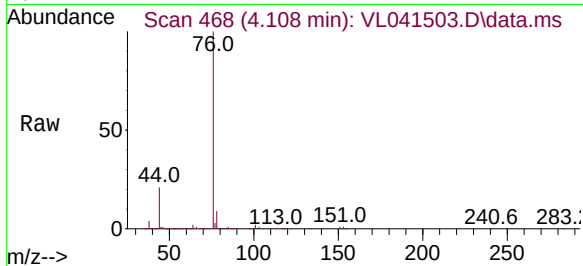




#27
Carbon Disulfide
Concen: 11.200 ppbv
RT: 4.108 min Scan# 468
Delta R.T. -0.016 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

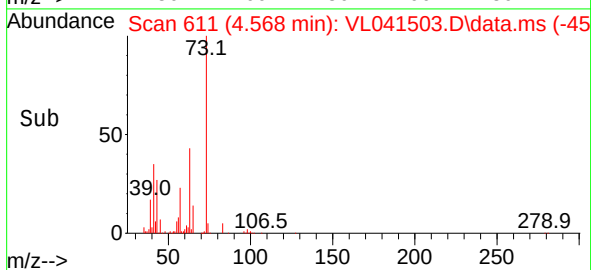
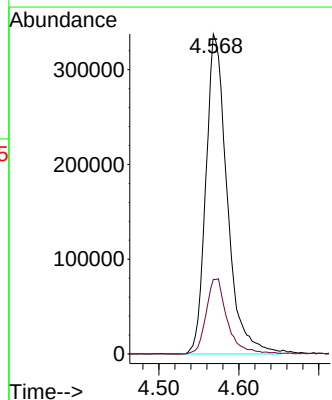
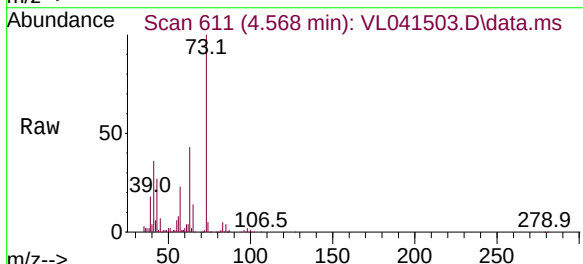
Instrument :
MSVOA_L
ClientSampleId :

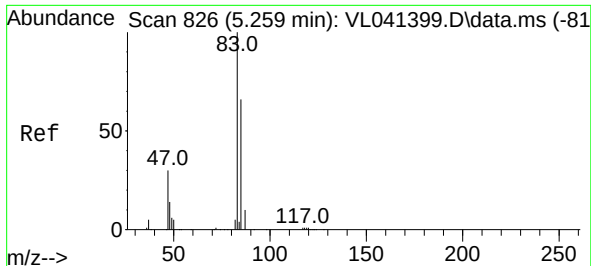
Tgt Ion: 76 Resp: 1219858
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.1 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.633 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.013 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 73 Resp: 624314
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29

Chloroform

Concen: 10.431 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

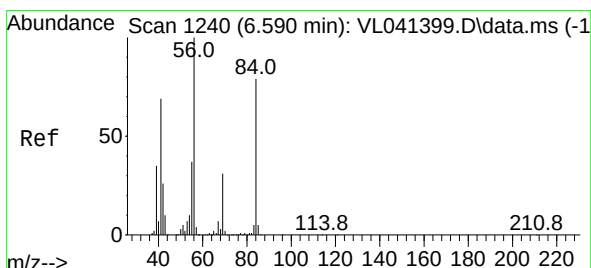
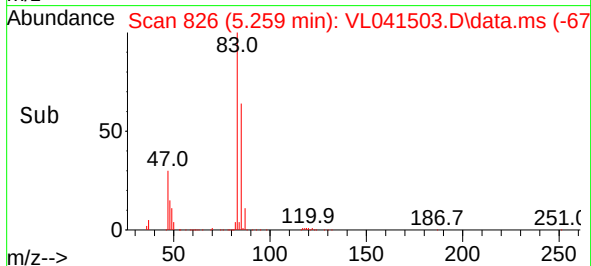
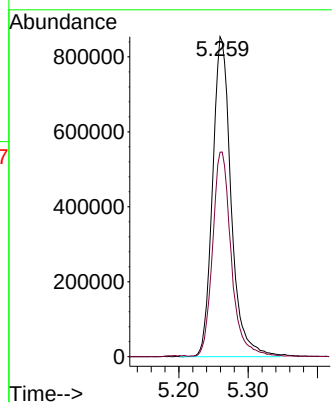
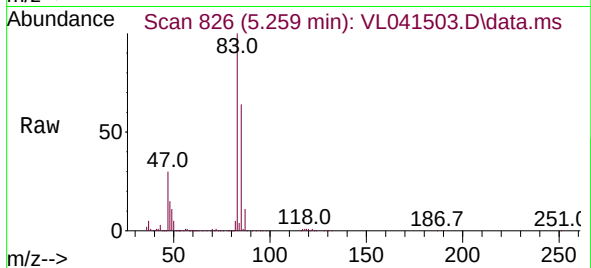
ClientSampleId :

Tgt Ion: 83 Resp: 1584043

Ion Ratio Lower Upper

83 100

85 63.6 53.1 79.7



#30

Cyclohexane

Concen: 11.344 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

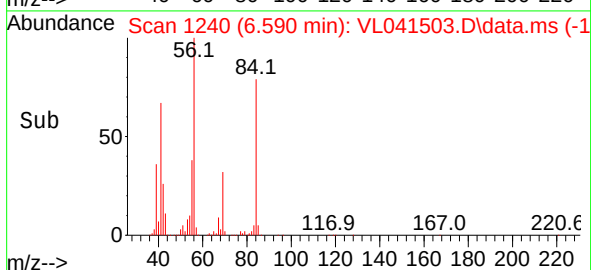
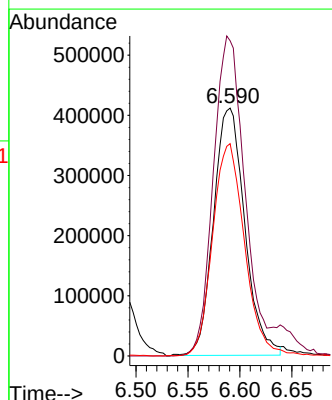
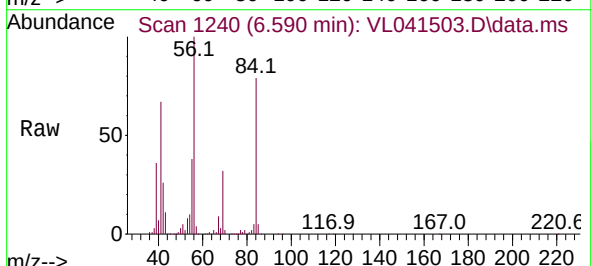
Tgt Ion: 84 Resp: 860023

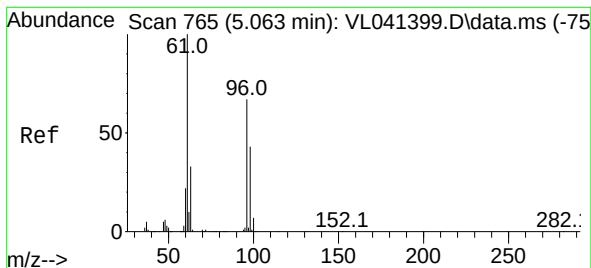
Ion Ratio Lower Upper

84 100

56 139.2 111.2 166.8

41 88.2 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 10.777 ppbv

RT: 5.063 min Scan# 7

Delta R.T. -0.013 min

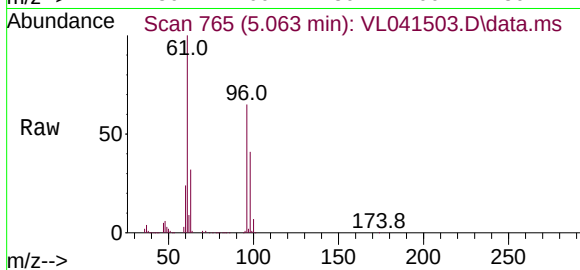
Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

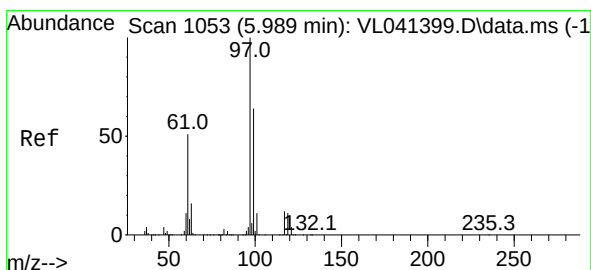
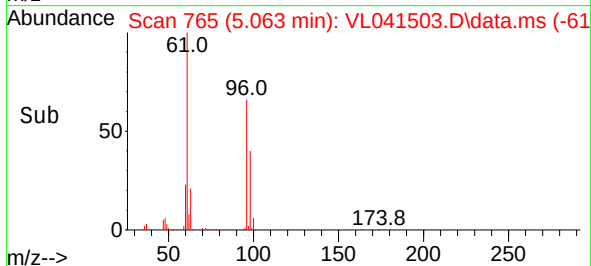
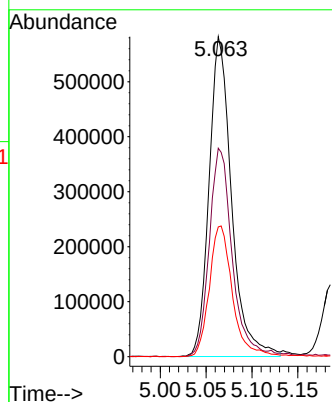
ClientSampleId :



Tgt Ion: 61 Resp: 991208

Ion Ratio Lower Upper

61	100		
96	65.1	53.4	80.2
98	40.6	34.4	51.6



#32

1,1,1-Trichloroethane

Concen: 10.567 ppbv

RT: 5.992 min Scan# 1054

Delta R.T. -0.006 min

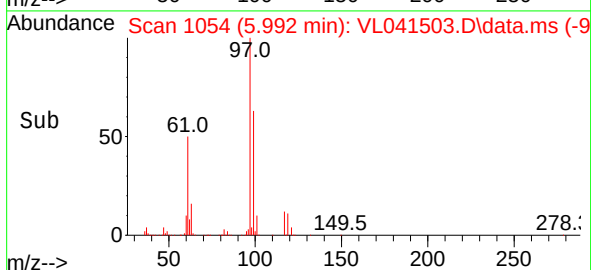
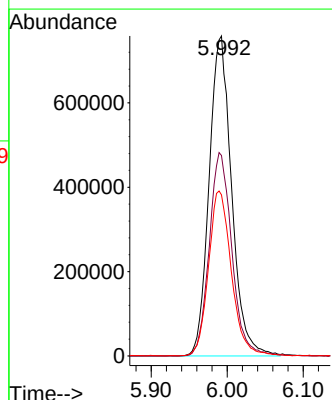
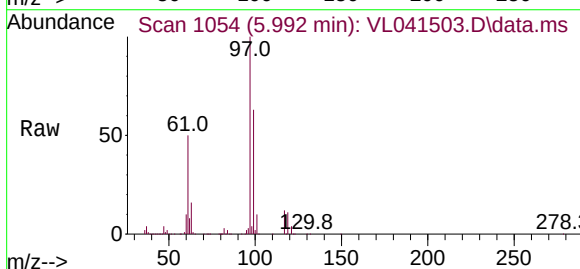
Lab File: VL041503.D

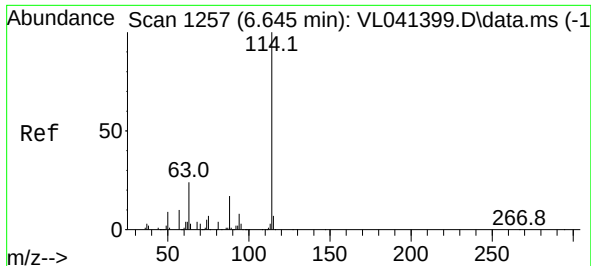
Acq: 8 Aug 2024 8:10

Tgt Ion: 97 Resp: 1561971

Ion Ratio Lower Upper

97	100		
99	63.9	52.0	78.0
61	52.7	41.8	62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

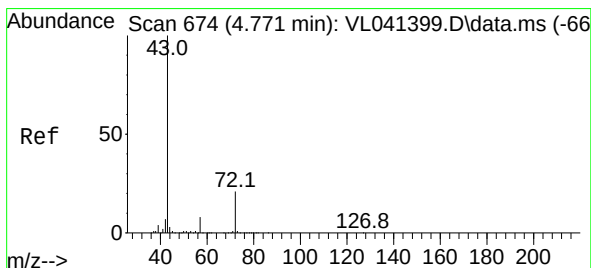
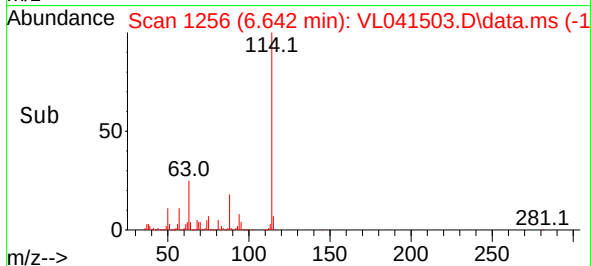
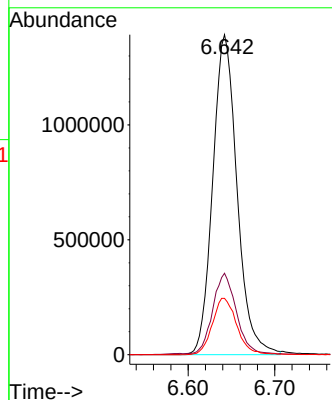
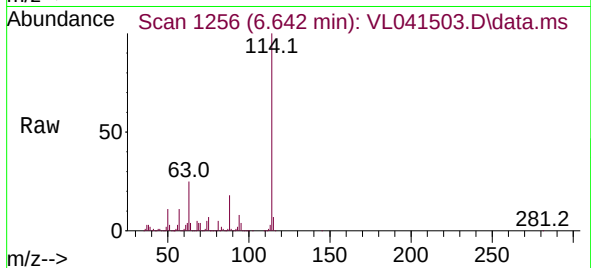
Tgt Ion:114 Resp: 2716113

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 10.913 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.013 min

Lab File: VL041503.D

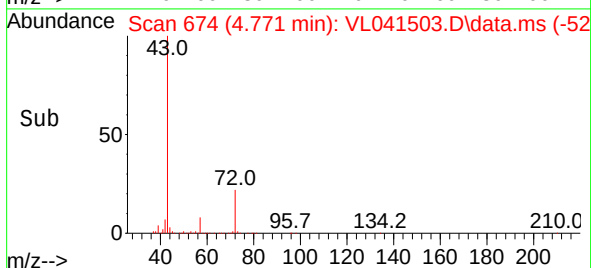
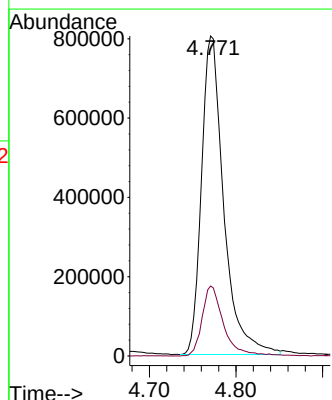
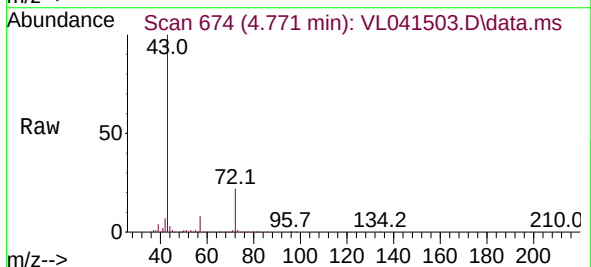
Acq: 8 Aug 2024 8:10

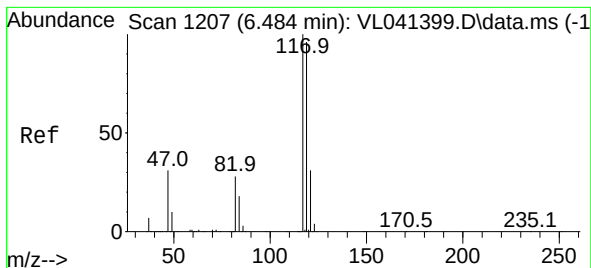
Tgt Ion: 43 Resp: 1433865

Ion Ratio Lower Upper

43 100

72 21.3 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.962 ppbv

RT: 6.478 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

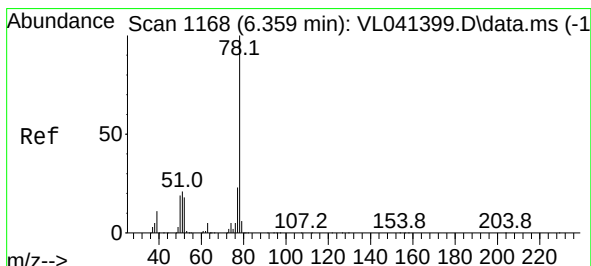
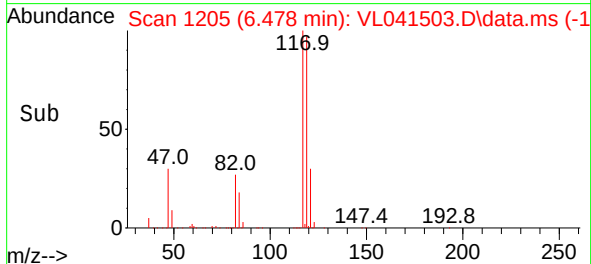
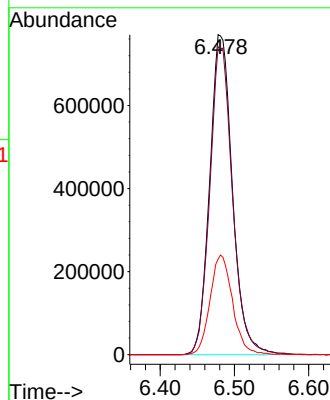
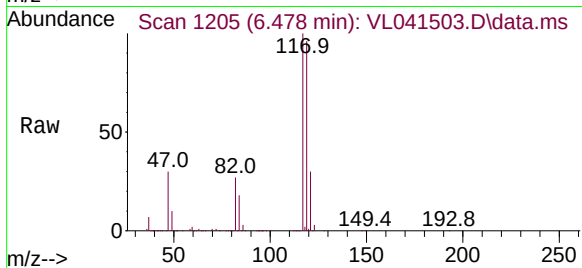
Tgt Ion:117 Resp: 1642158

Ion Ratio Lower Upper

117 100

119 96.2 76.6 115.0

121 29.9 25.1 37.7



#36

Benzene

Concen: 10.886 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. -0.010 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

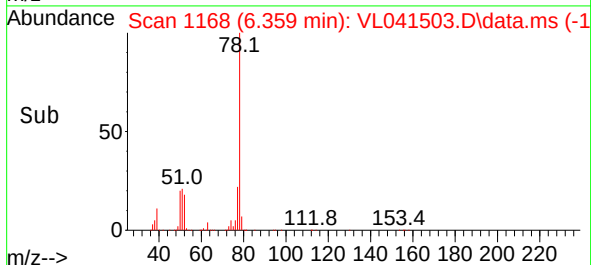
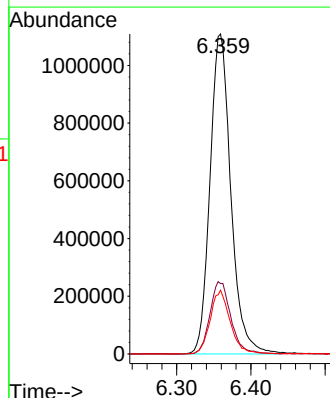
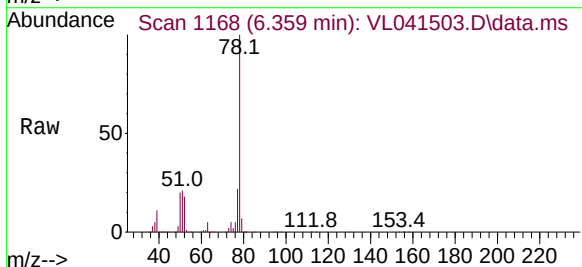
Tgt Ion: 78 Resp: 2160436

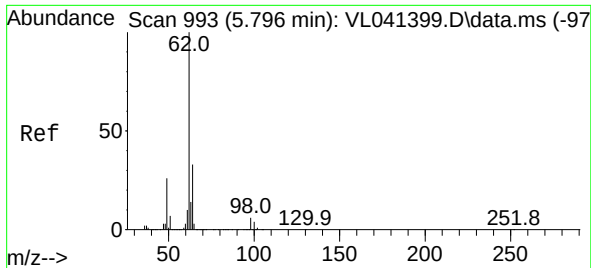
Ion Ratio Lower Upper

78 100

77 22.0 18.1 27.1

50 20.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.913 ppbv

RT: 5.793 min Scan# 993

Delta R.T. -0.013 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

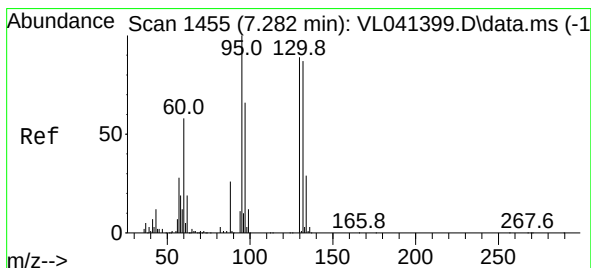
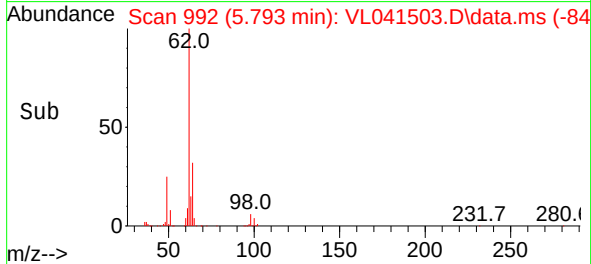
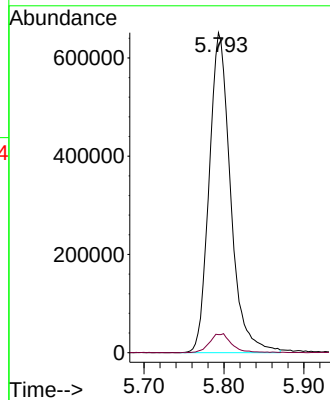
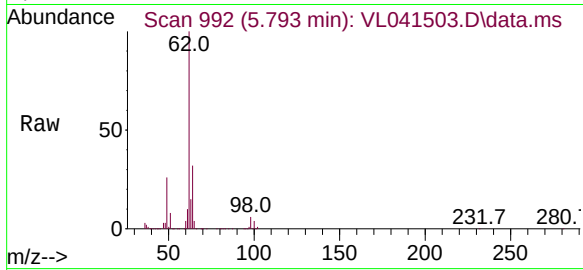
ClientSampleId :

Tgt Ion: 62 Resp: 1212174

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 10.706 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Tgt Ion:130 Resp: 973395

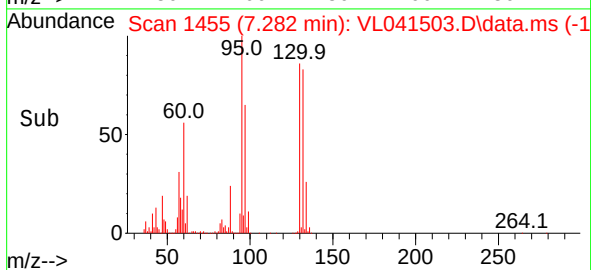
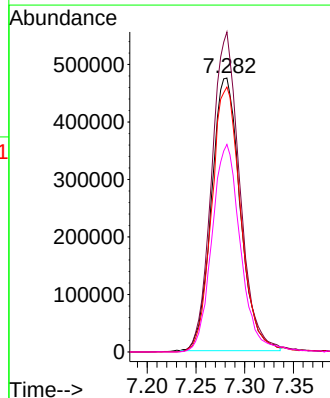
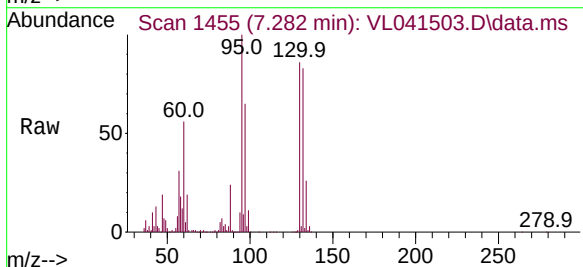
Ion Ratio Lower Upper

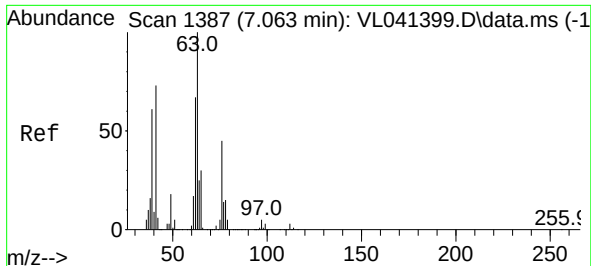
130 100

95 117.2 90.2 135.2

132 96.9 78.1 117.1

97 76.1 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.946 ppbv

RT: 7.063 min Scan# 14

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

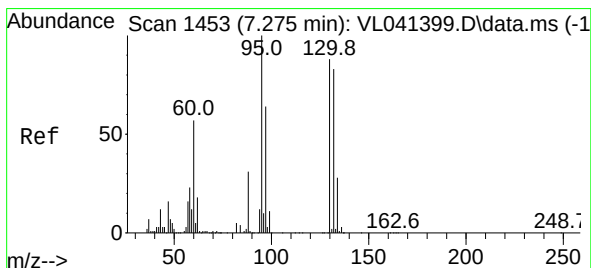
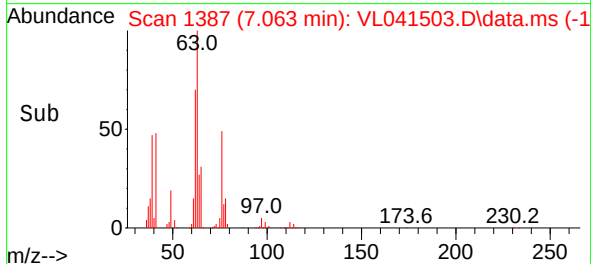
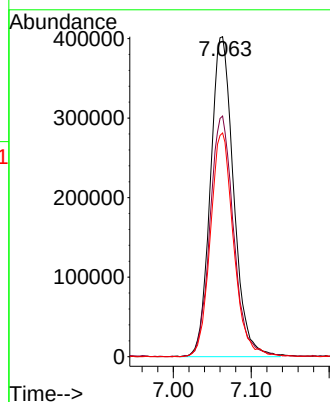
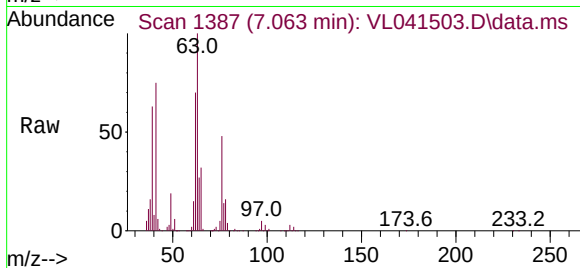
Tgt Ion: 63 Resp: 831710

Ion Ratio Lower Upper

63 100

41 75.1 58.3 87.5

62 69.9 53.9 80.9



#40

1,4-Dioxane

Concen: 11.506 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Tgt Ion: 88 Resp: 351210

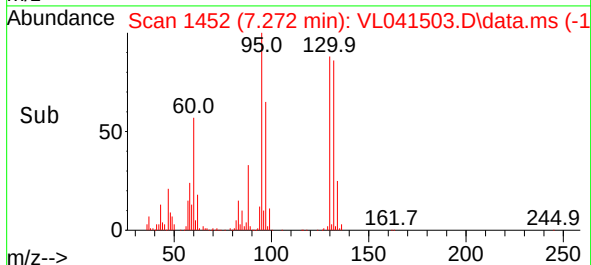
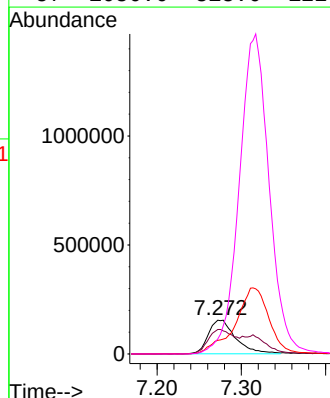
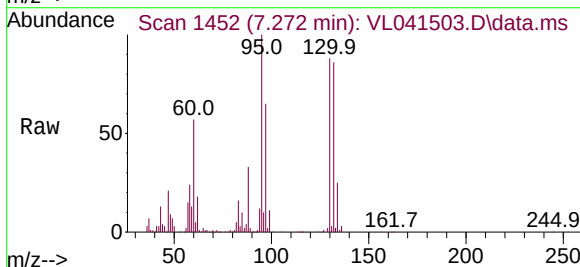
Ion Ratio Lower Upper

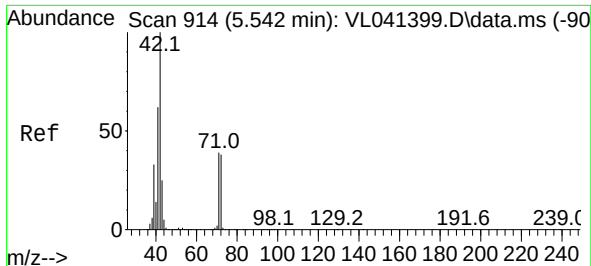
88 100

58 120.1 95.8 143.6

43 241.6 188.2 282.2

57 1036.6 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.744 ppbv

RT: 5.542 min Scan# 914

Delta R.T. -0.010 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

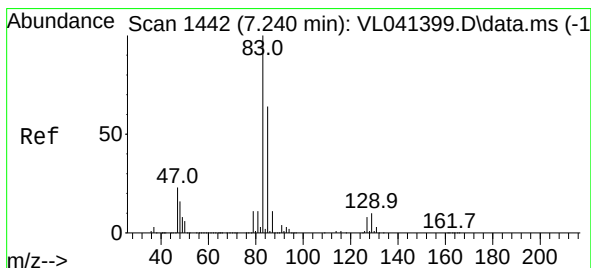
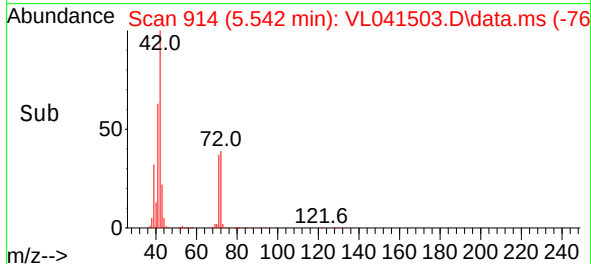
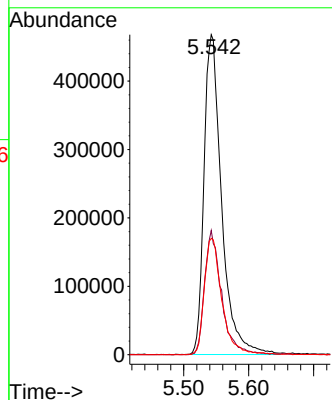
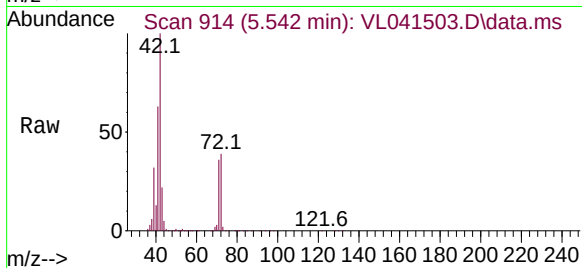
Tgt Ion: 42 Resp: 882484

Ion Ratio Lower Upper

42 100

72 37.6 31.2 46.8

71 36.6 30.5 45.7



#42

Bromodichloromethane

Concen: 10.973 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

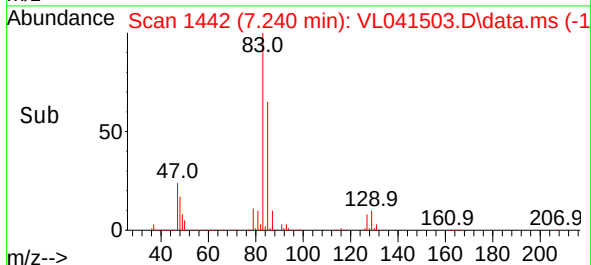
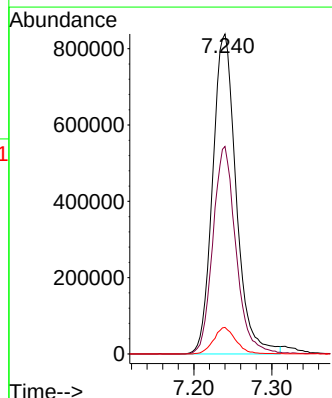
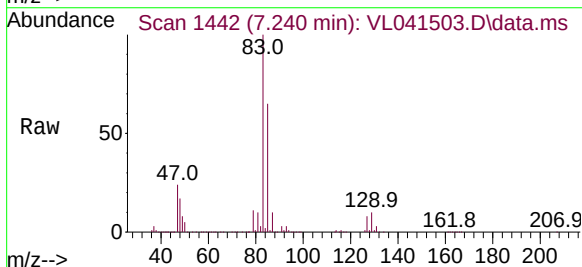
Tgt Ion: 83 Resp: 1760010

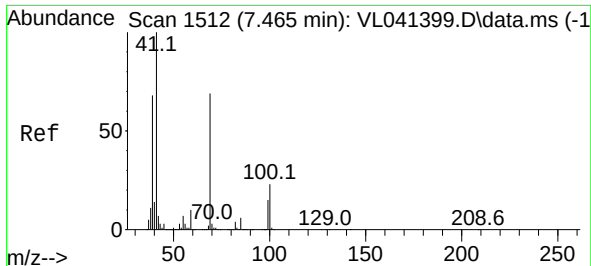
Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

127 8.3 6.7 10.1





#43

Methyl Methacrylate

Concen: 12.083 ppbv

RT: 7.462 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

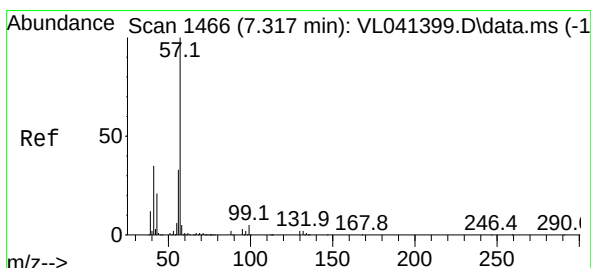
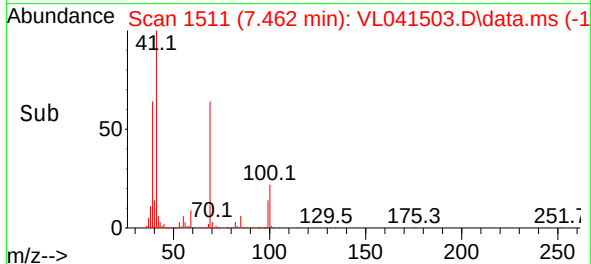
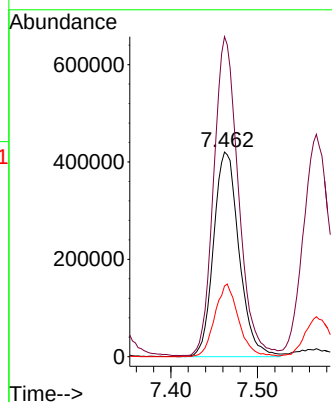
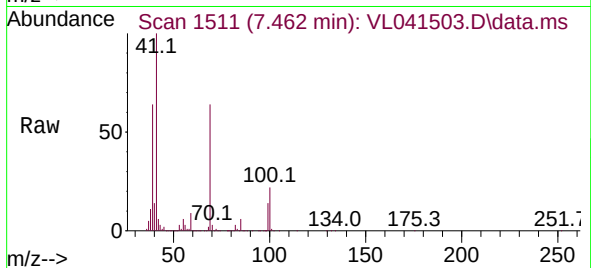
Tgt Ion: 69 Resp: 859947

Ion Ratio Lower Upper

69 100

41 152.1 118.7 178.1

100 33.3 27.0 40.4



#44

2,2,4-Trimethylpentane

Concen: 10.974 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

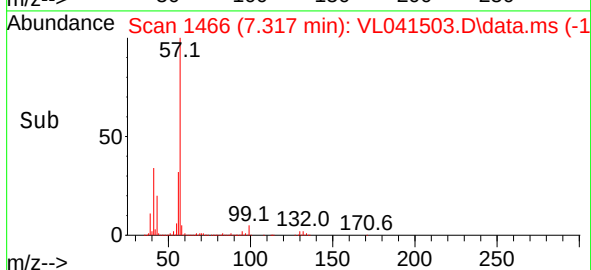
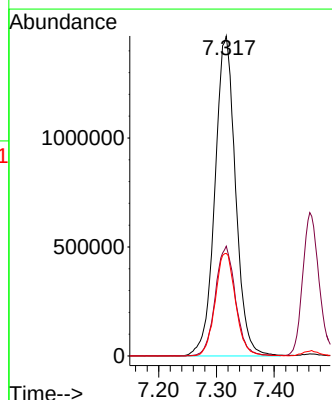
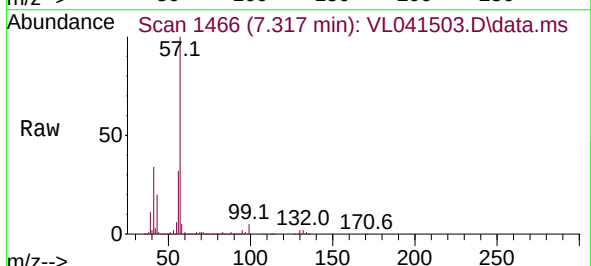
Tgt Ion: 57 Resp: 3637662

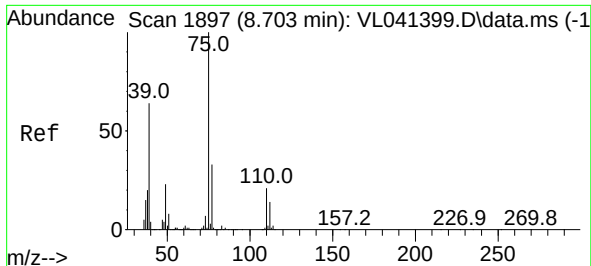
Ion Ratio Lower Upper

57 100

41 33.8 27.0 40.6

56 31.8 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 13.287 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

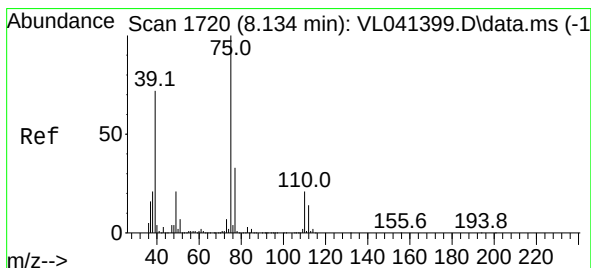
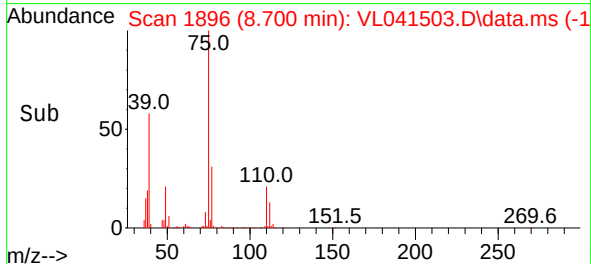
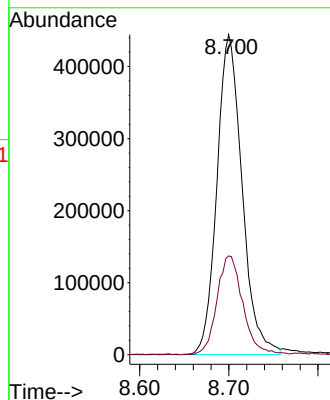
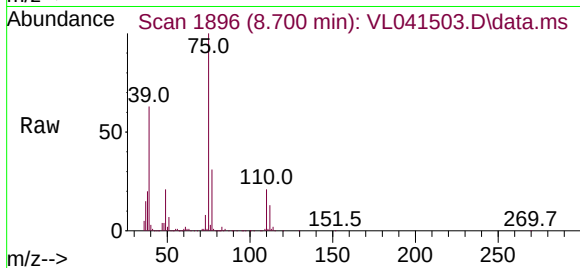
ClientSampleId :

Tgt Ion: 75 Resp: 870364

Ion Ratio Lower Upper

75 100

77 30.9 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 12.377 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.010 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

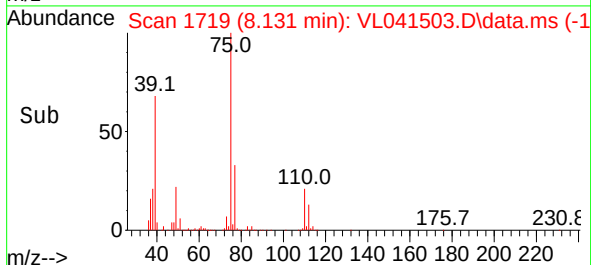
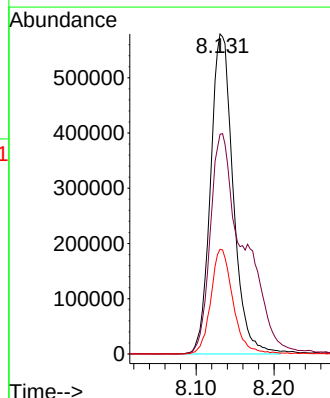
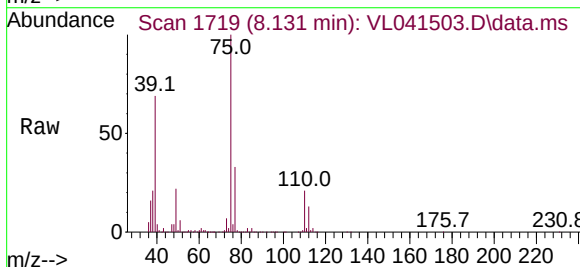
Tgt Ion: 75 Resp: 1170745

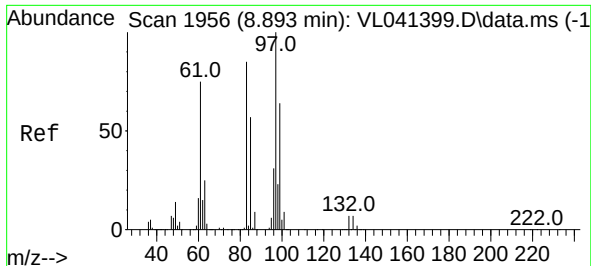
Ion Ratio Lower Upper

75 100

39 68.5 57.3 85.9

77 32.7 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.818 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 906083

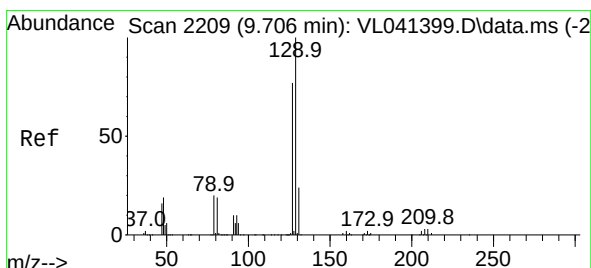
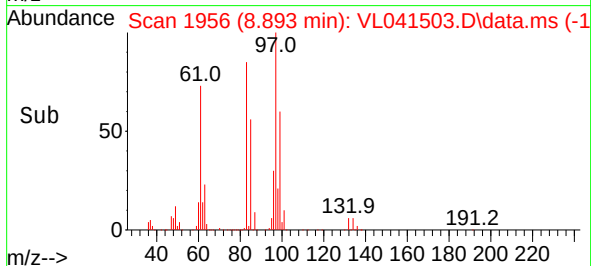
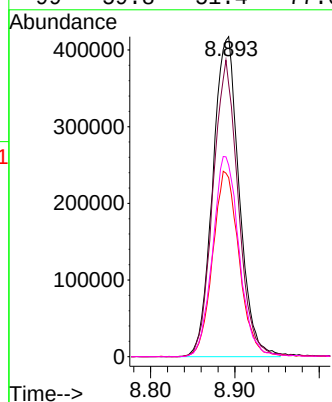
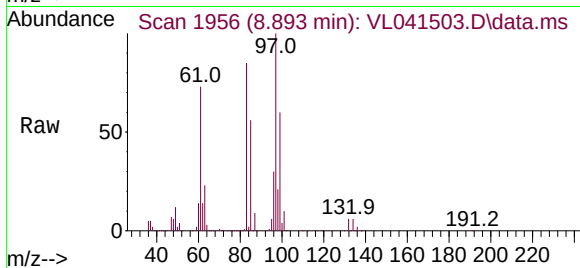
Ion Ratio Lower Upper

97 100

83 85.0 67.6 101.4

85 55.9 45.9 68.9

99 59.8 51.4 77.0



#48

Dibromochloromethane

Concen: 11.209 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VL041503.D

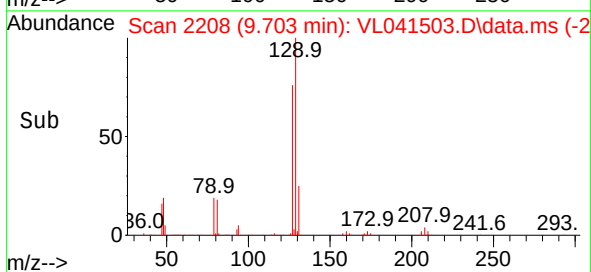
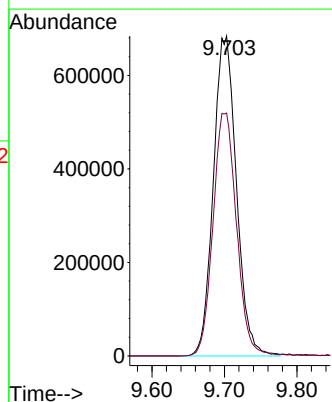
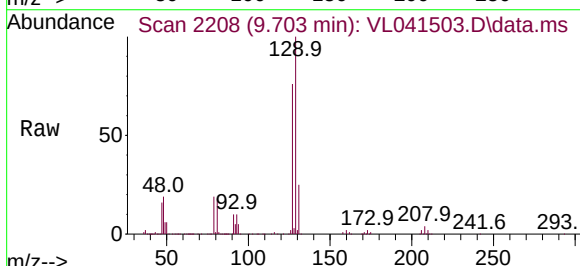
Acq: 8 Aug 2024 8:10

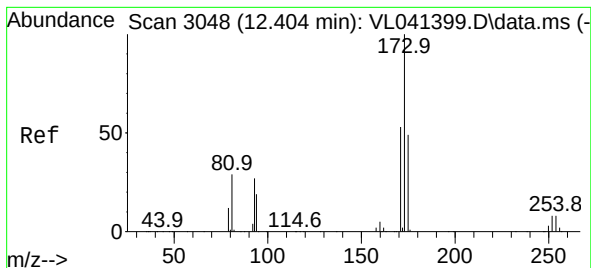
Tgt Ion: 129 Resp: 1512424

Ion Ratio Lower Upper

129 100

127 77.6 39.3 117.8





#49

Bromoform

Concen: 11.718 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

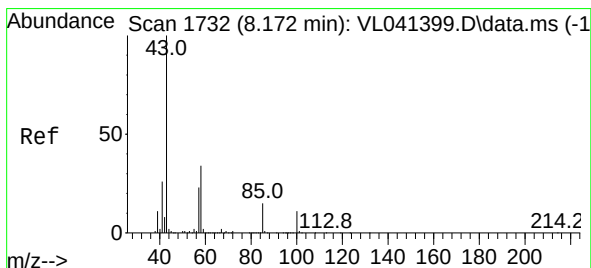
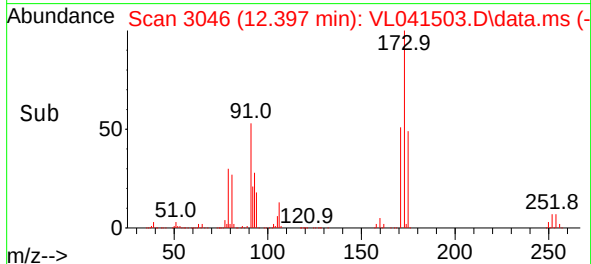
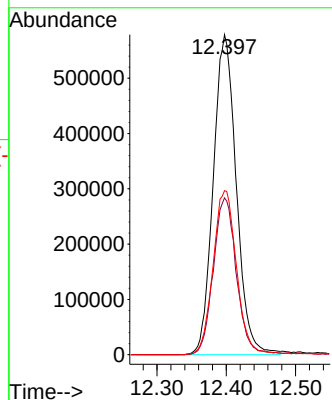
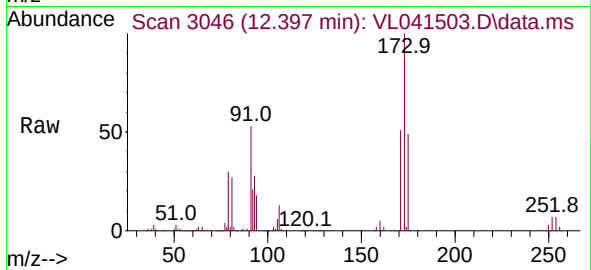
Tgt Ion:173 Resp: 1335513

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

171 52.8 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.712 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.006 min

Lab File: VL041503.D

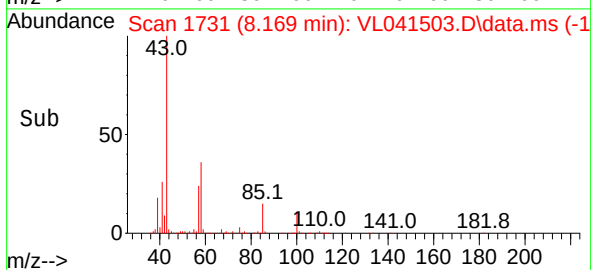
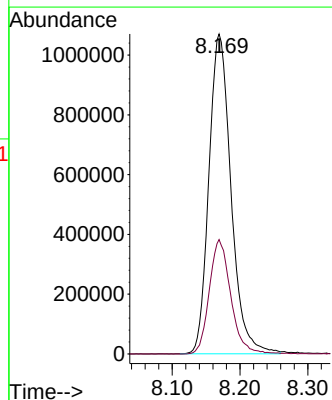
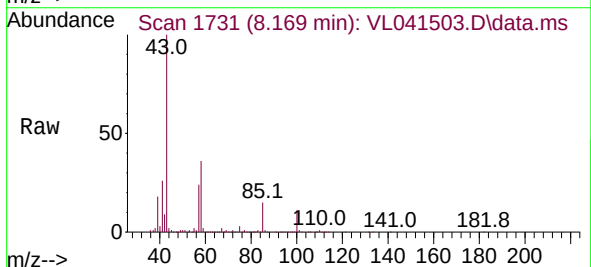
Acq: 8 Aug 2024 8:10

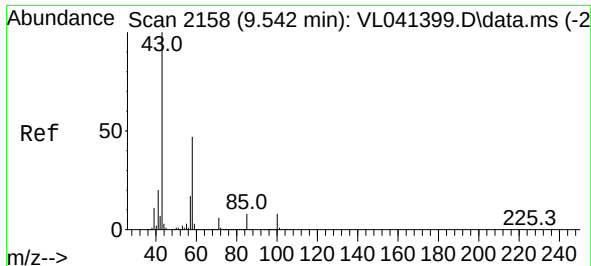
Tgt Ion: 43 Resp: 2427866

Ion Ratio Lower Upper

43 100

58 34.8 27.9 41.9

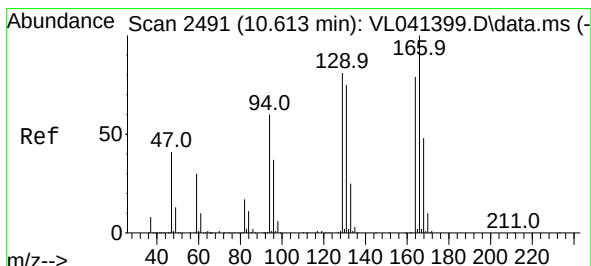
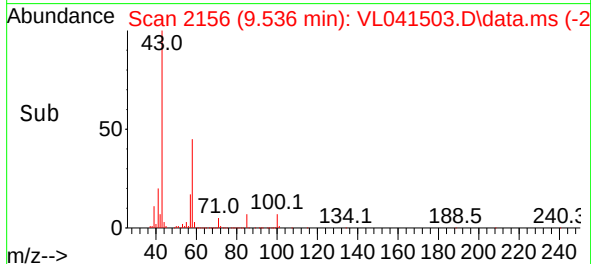
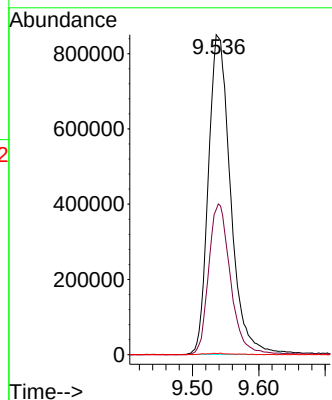
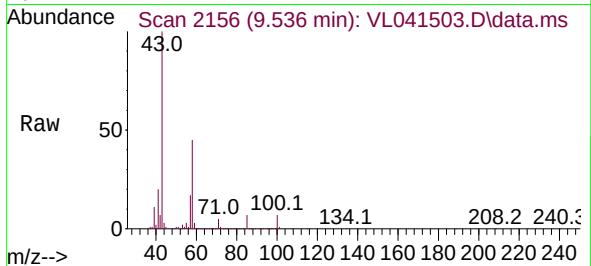




#51
2-Hexanone
Concen: 12.575 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.010 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

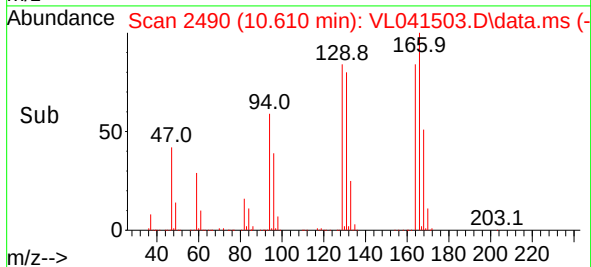
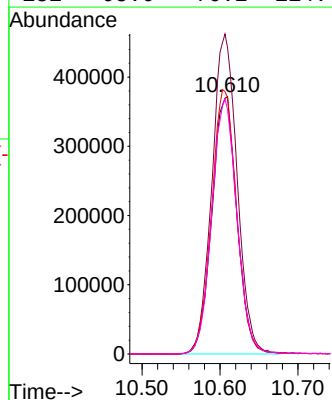
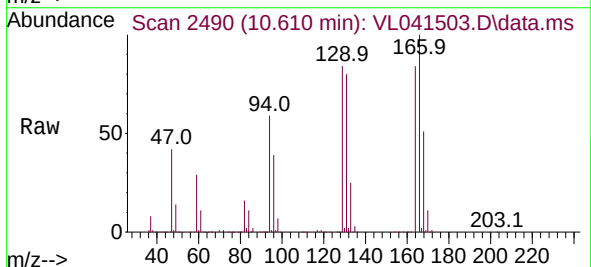
Instrument :
MSVOA_L
ClientSampleId :

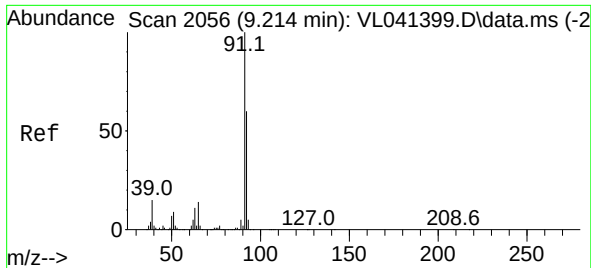
Tgt Ion: 43 Resp: 1971025
Ion Ratio Lower Upper
43 100
58 46.8 38.2 57.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.812 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:164 Resp: 829107
Ion Ratio Lower Upper
164 100
166 118.9 101.1 151.7
129 99.6 81.7 122.5
131 95.0 76.2 114.4





#53

Toluene

Concen: 11.484 ppbv

RT: 9.211 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

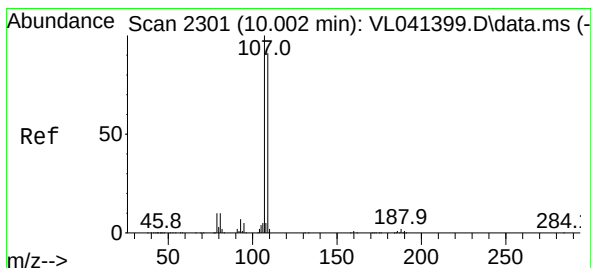
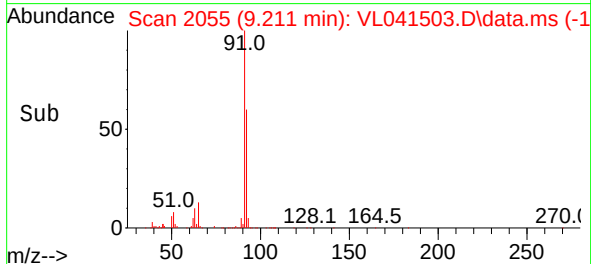
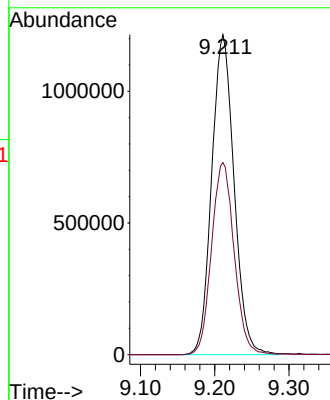
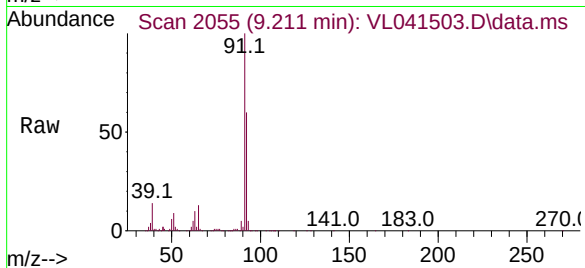
ClientSampleId :

Tgt Ion: 91 Resp: 2538680

Ion Ratio Lower Upper

91 100

92 61.0 48.7 73.1



#54

1,2-Dibromoethane

Concen: 11.745 ppbv

RT: 9.999 min Scan# 2300

Delta R.T. -0.006 min

Lab File: VL041503.D

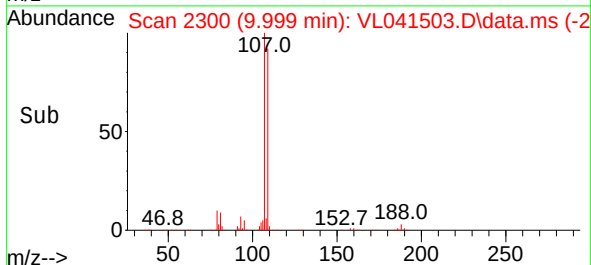
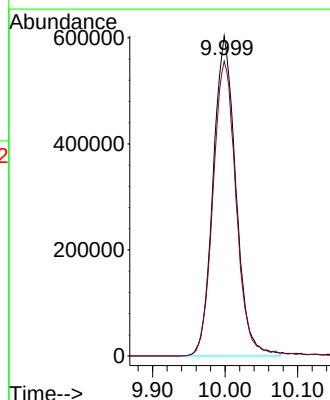
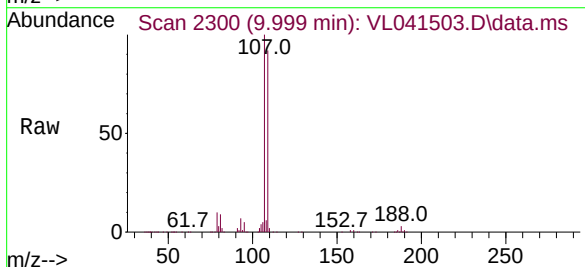
Acq: 8 Aug 2024 8:10

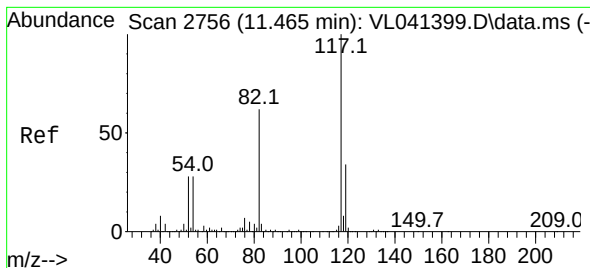
Tgt Ion:107 Resp: 1309379

Ion Ratio Lower Upper

107 100

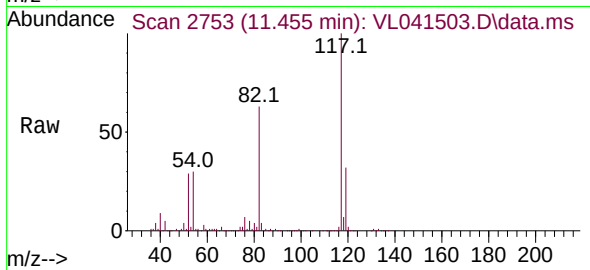
109 92.1 72.7 109.1



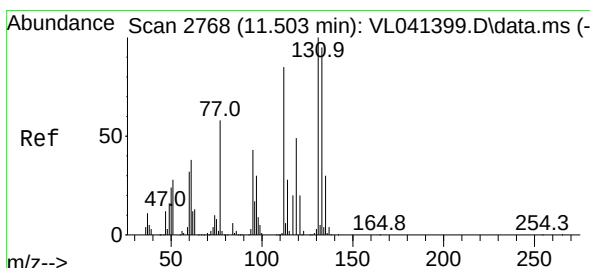
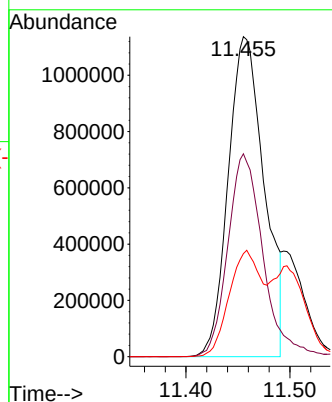
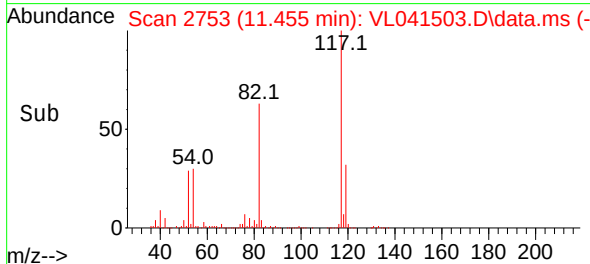


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Instrument :
MSVOA_L
ClientSampleId :

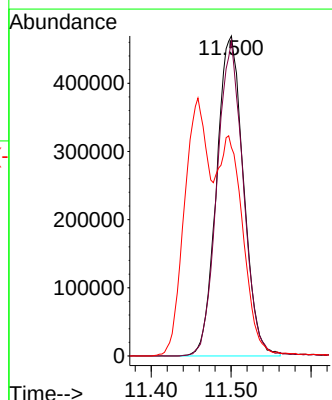
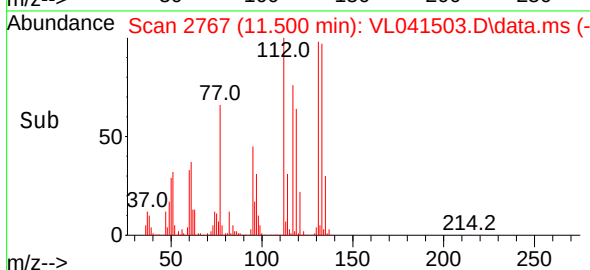
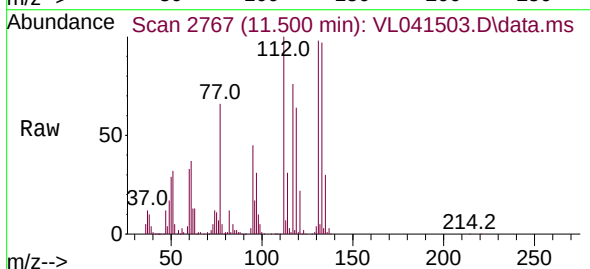


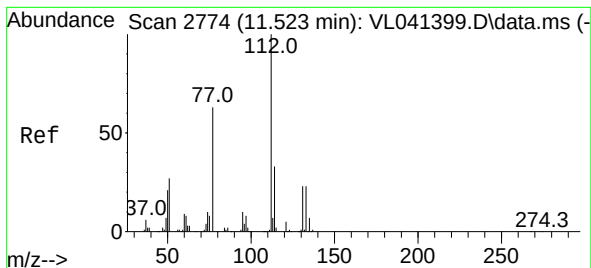
Tgt Ion:117 Resp: 2735202
Ion Ratio Lower Upper
117 100
82 62.6 51.0 76.6
119 32.0 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 10.319 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:131 Resp: 1094554
Ion Ratio Lower Upper
131 100
133 96.2 77.0 115.4
119 61.5 121.5 182.3#





#57

Chlorobenzene

Concen: 10.164 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

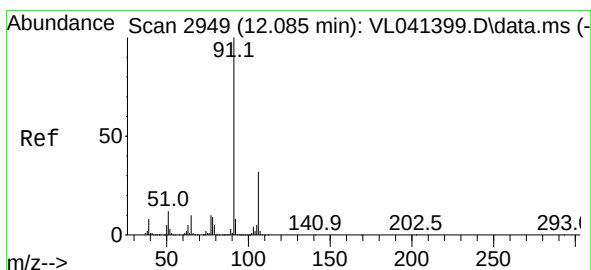
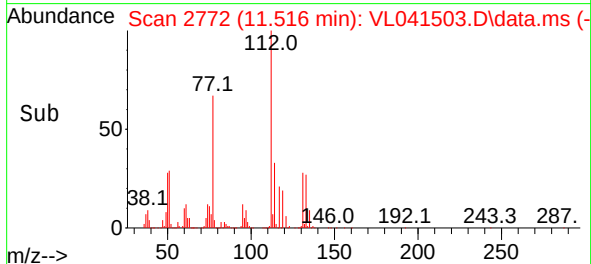
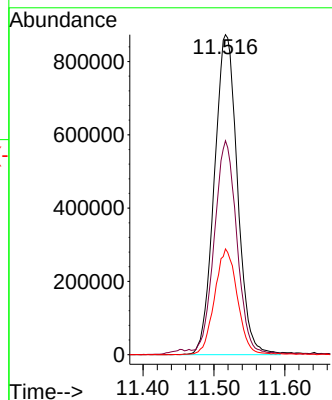
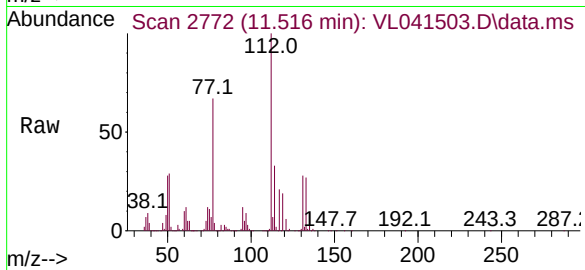
Tgt Ion:112 Resp: 1979363

Ion Ratio Lower Upper

112 100

77 66.4 51.1 76.7

114 33.0 29.5 36.1



#58

Ethyl Benzene

Concen: 10.912 ppbv

RT: 12.079 min Scan# 2947

Delta R.T. -0.006 min

Lab File: VL041503.D

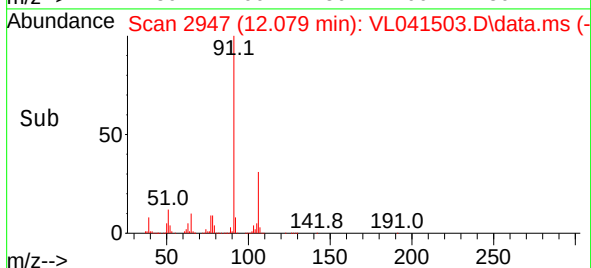
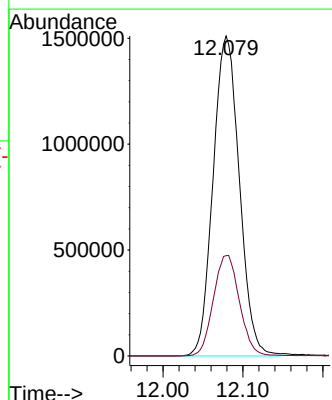
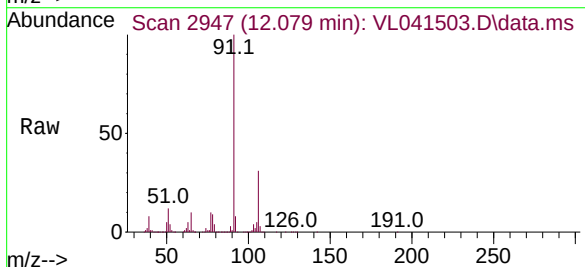
Acq: 8 Aug 2024 8:10

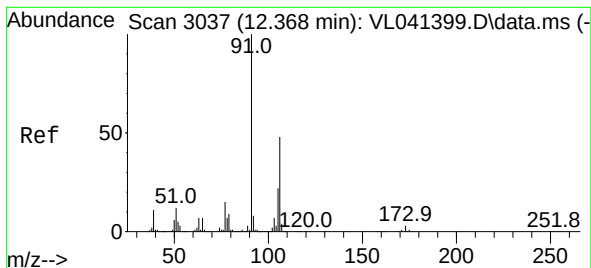
Tgt Ion: 91 Resp: 3440262

Ion Ratio Lower Upper

91 100

106 31.4 25.8 38.8





#59

m/p-Xylene

Concen: 11.158 ppbv

RT: 12.362 min Scan# 3037

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

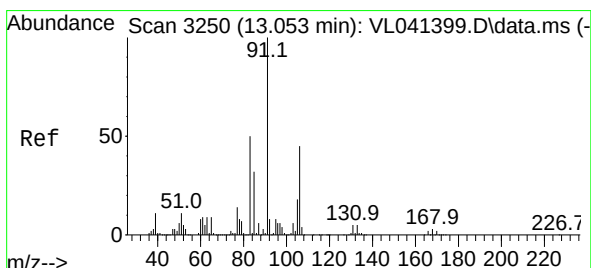
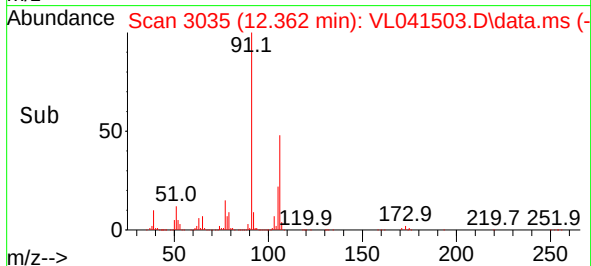
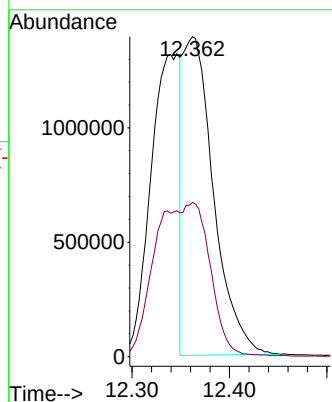
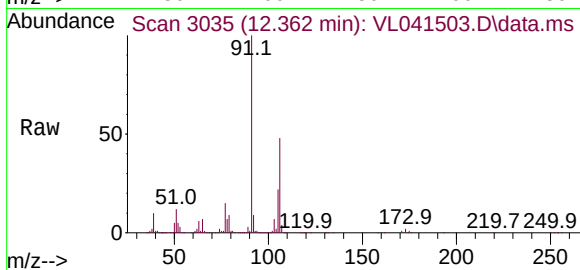
ClientSampleId :

Tgt Ion: 91 Resp: 3036741

Ion Ratio Lower Upper

91 100

106 87.7 36.3 54.5#



#60

o-Xylene

Concen: 10.830 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VL041503.D

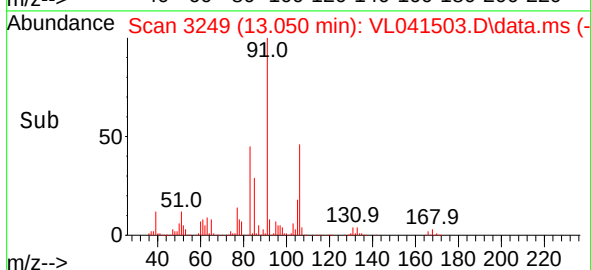
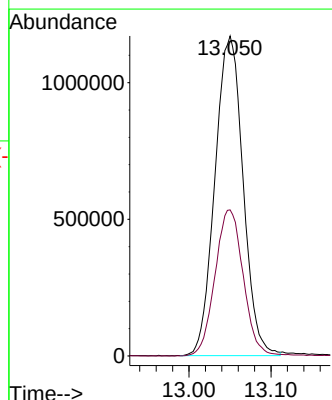
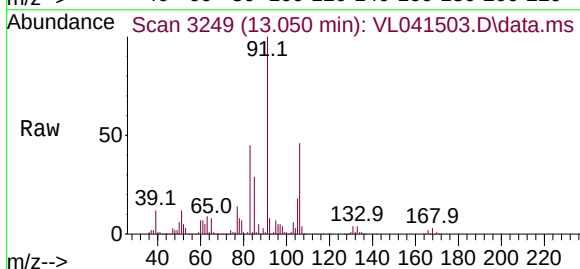
Acq: 8 Aug 2024 8:10

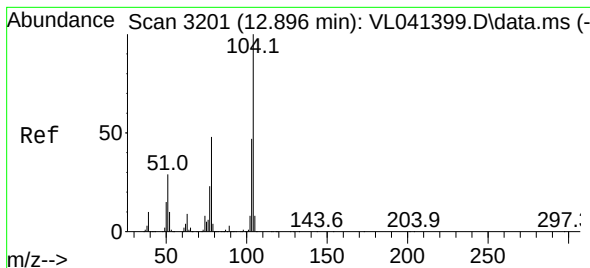
Tgt Ion: 91 Resp: 2788147

Ion Ratio Lower Upper

91 100

106 46.2 23.1 69.3





#61

Styrene

Concen: 11.756 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

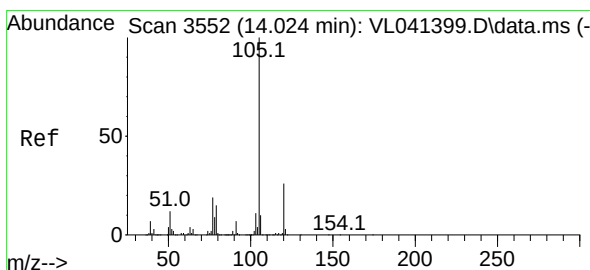
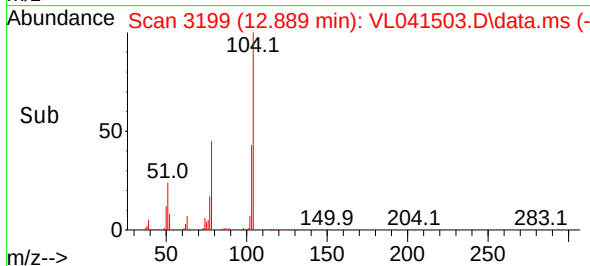
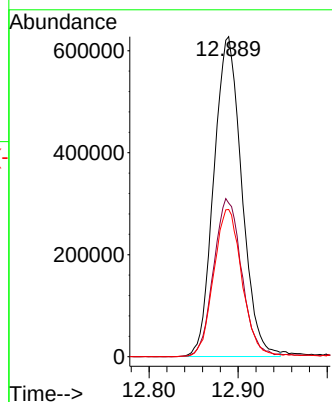
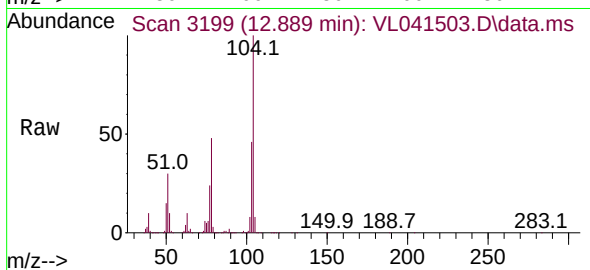
Tgt Ion:104 Resp: 1365378

Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 47.2 38.2 57.4



#62

Isopropylbenzene

Concen: 10.439 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.003 min

Lab File: VL041503.D

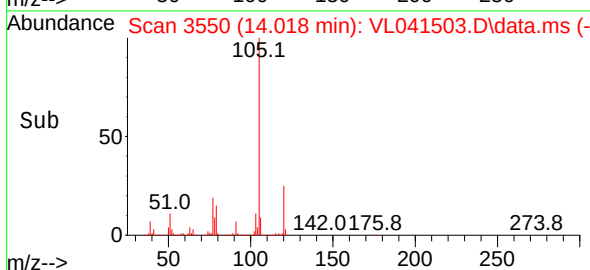
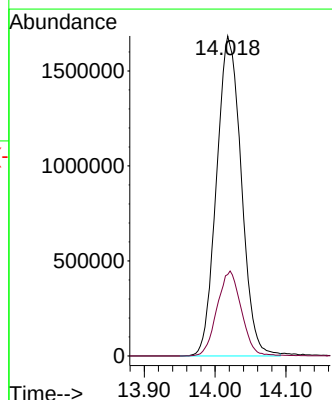
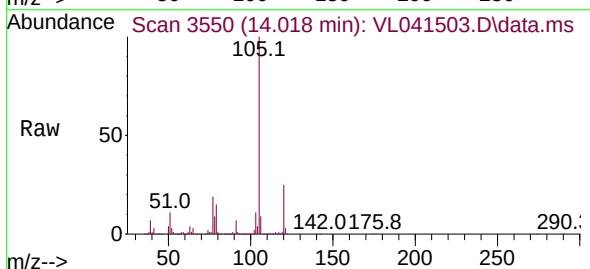
Acq: 8 Aug 2024 8:10

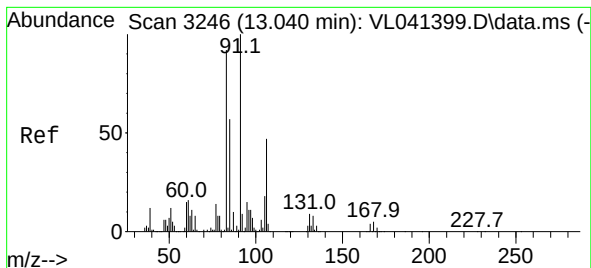
Tgt Ion:105 Resp: 4085330

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

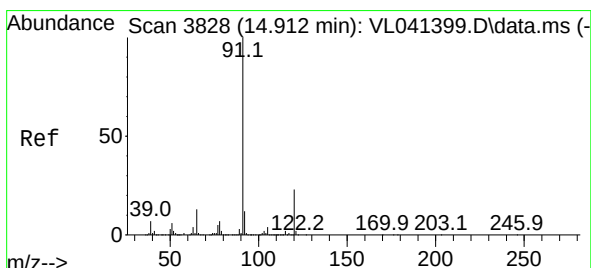
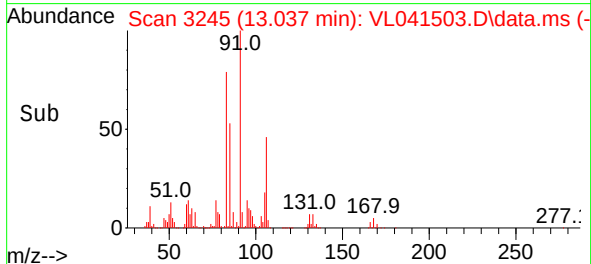
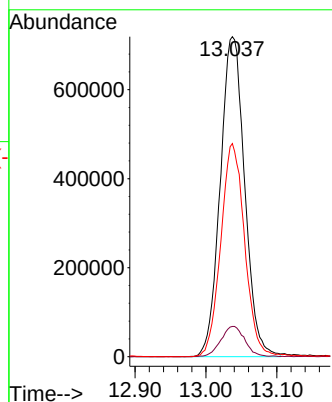
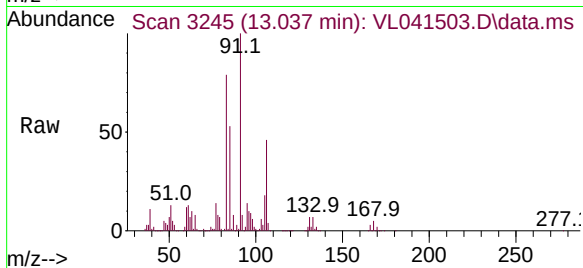




#63
1,1,2,2-Tetrachloroethane
Concen: 10.584 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

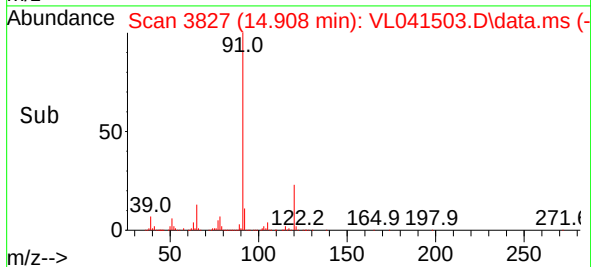
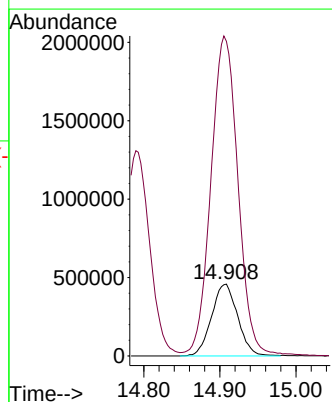
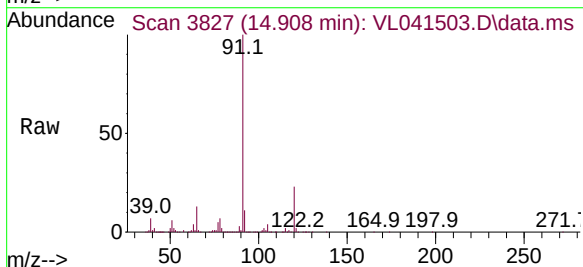
Instrument :
MSVOA_L
ClientSampleId :

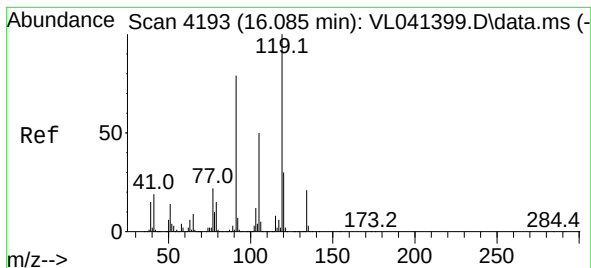
Tgt Ion: 83 Resp: 1720583
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.7 32.6 98.0



#64
n-propylbenzene
Concen: 10.687 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:120 Resp: 1093524
Ion Ratio Lower Upper
120 100
91 463.6 361.4 542.0

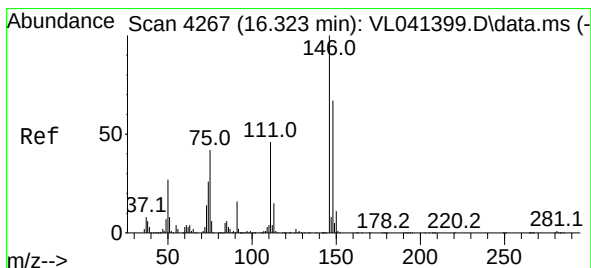
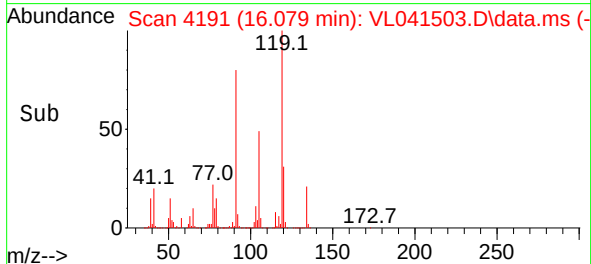
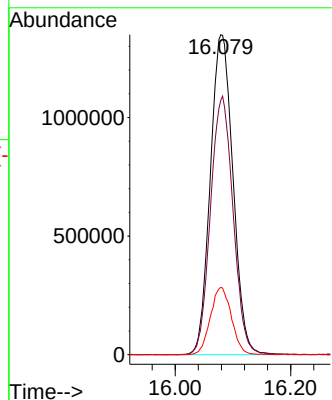
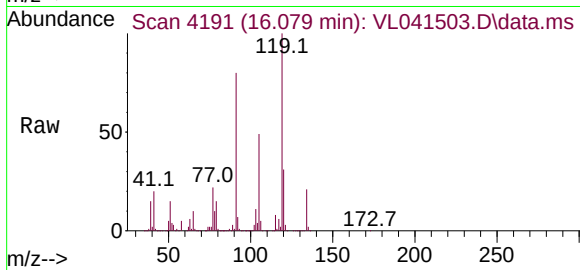




#65
tert-Butylbenzene
Concen: 10.394 ppbv
RT: 16.079 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

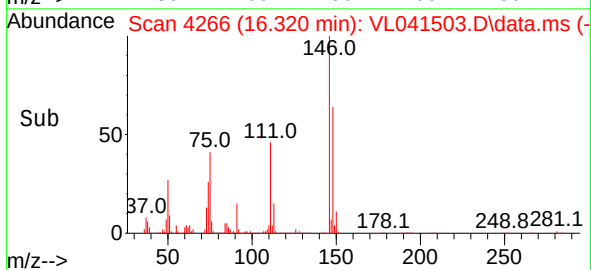
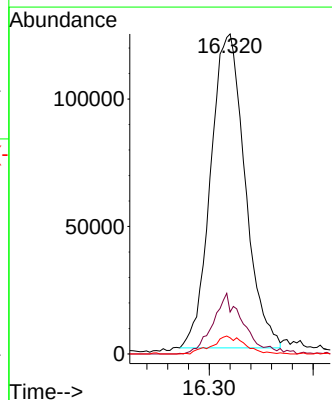
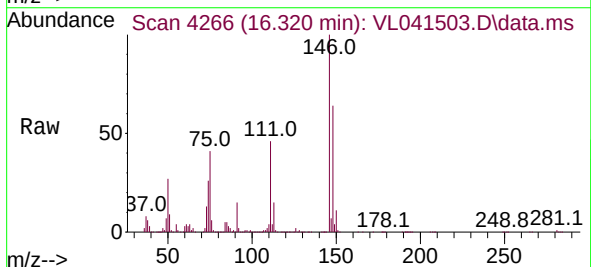
Instrument :
MSVOA_L
ClientSampleId :

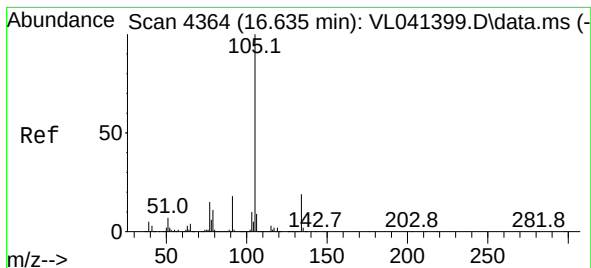
Tgt Ion:119 Resp: 3674350
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 12.462 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion: 91 Resp: 282565
Ion Ratio Lower Upper
91 100
126 17.6 13.8 20.8
128 5.5 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.556 ppbv

RT: 16.625 min Scan# 41

Delta R.T. -0.003 min MSVOA_L

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

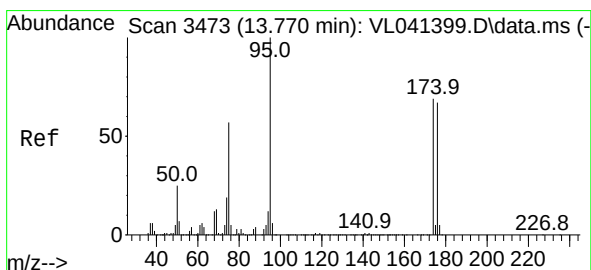
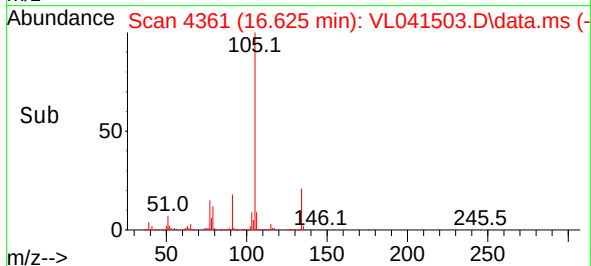
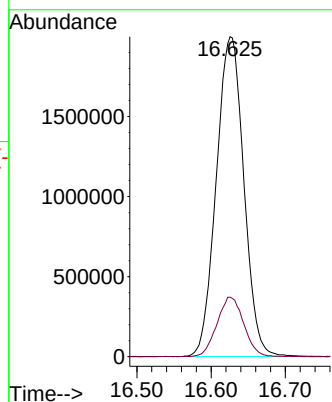
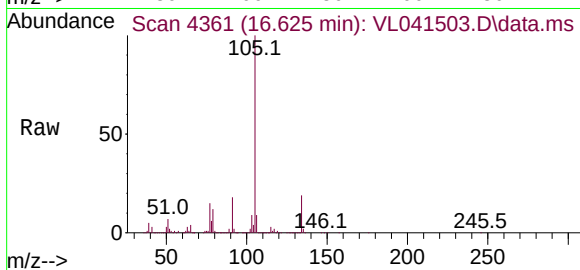
ClientSampleId :

Tgt Ion:105 Resp: 5141403

Ion Ratio Lower Upper

105 100

134 18.2 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 9.809 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

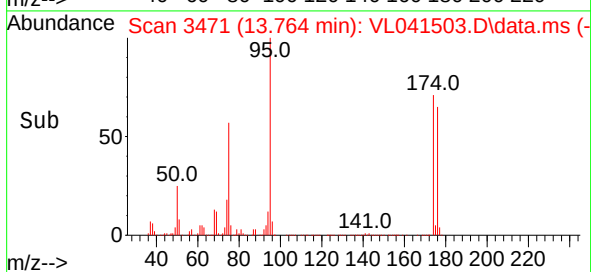
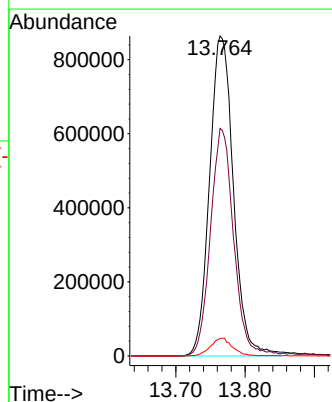
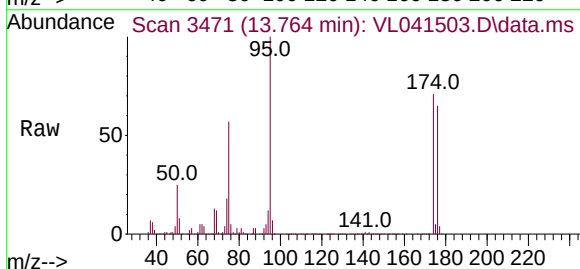
Tgt Ion: 95 Resp: 2064714

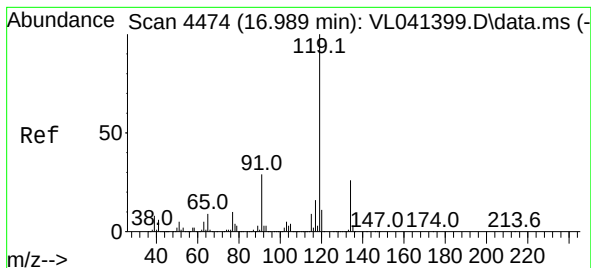
Ion Ratio Lower Upper

95 100

174 70.2 56.3 84.5

175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 10.683 ppbv

RT: 16.986 min Scan# 4474

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

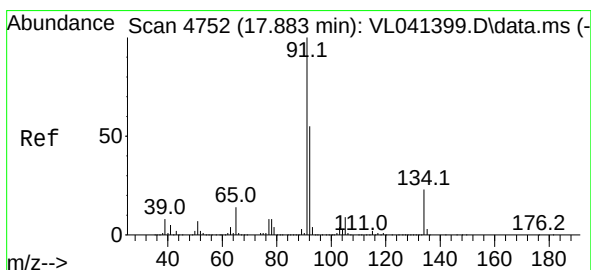
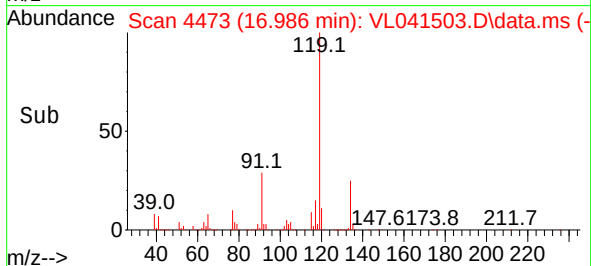
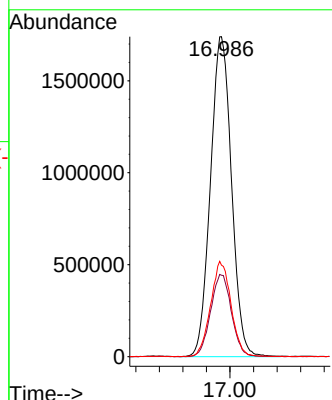
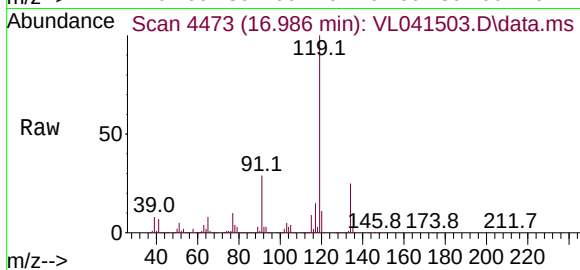
Tgt Ion:119 Resp: 4317703

Ion Ratio Lower Upper

119 100

134 25.5 20.5 30.7

91 28.8 23.2 34.8



#70

n-Butylbenzene

Concen: 10.740 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

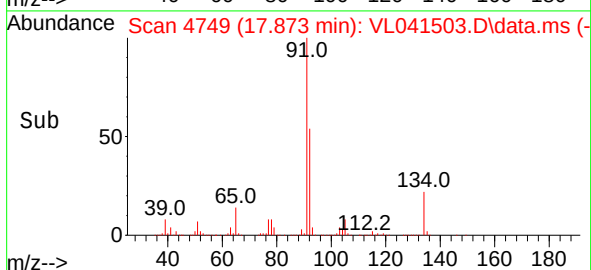
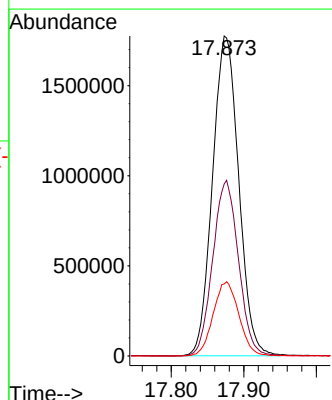
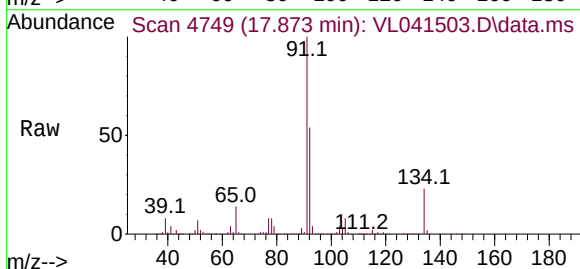
Tgt Ion: 91 Resp: 4449977

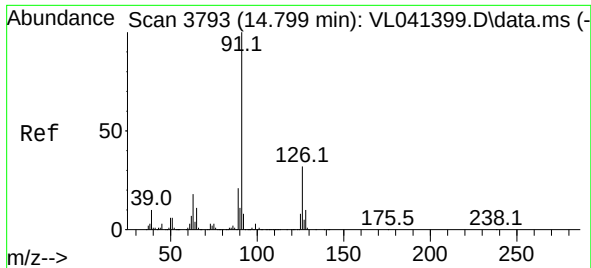
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 22.9 18.5 27.7

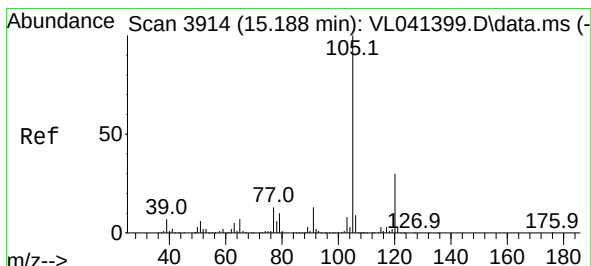
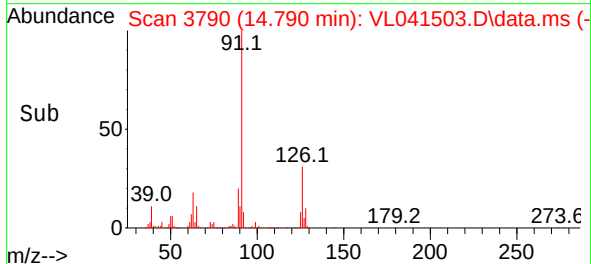
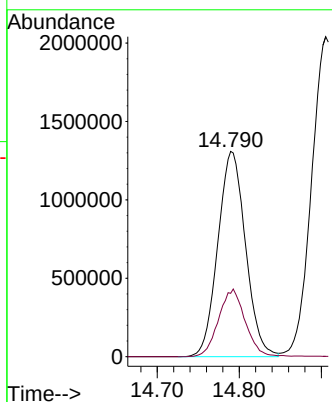
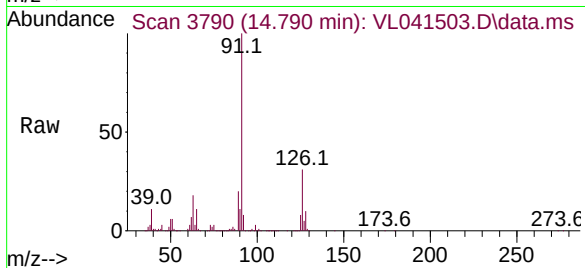




#71
2-Chlorotoluene
Concen: 10.652 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

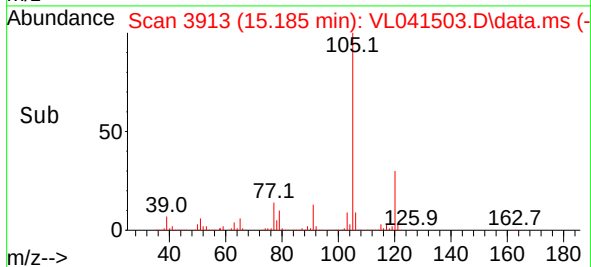
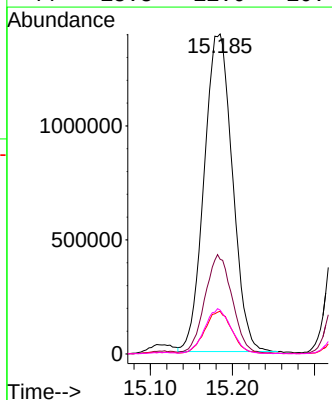
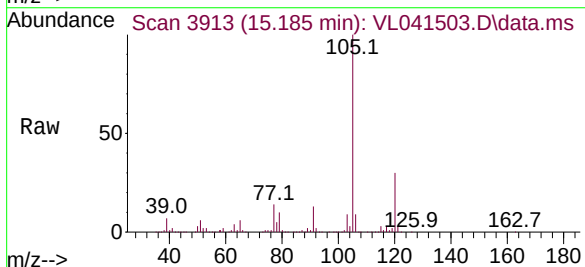
Instrument :
MSVOA_L
ClientSampleId :

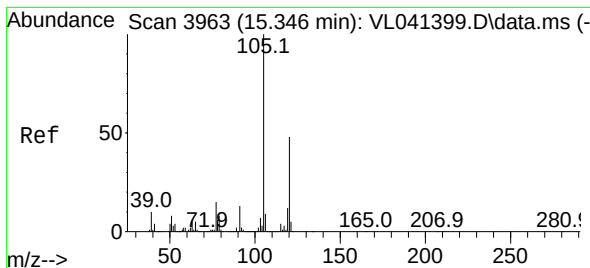
Tgt Ion: 91 Resp: 3074343
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9



#72
4-Ethyltoluene
Concen: 11.040 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

Tgt Ion:105 Resp: 3346091
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 12.9 10.4 15.6
77 13.8 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 11.021 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

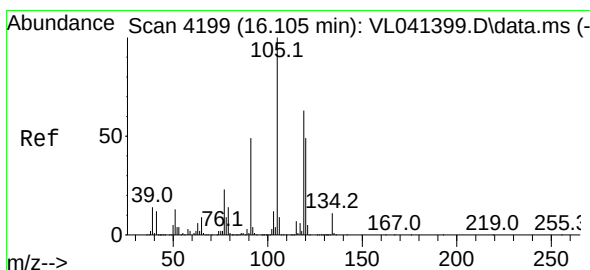
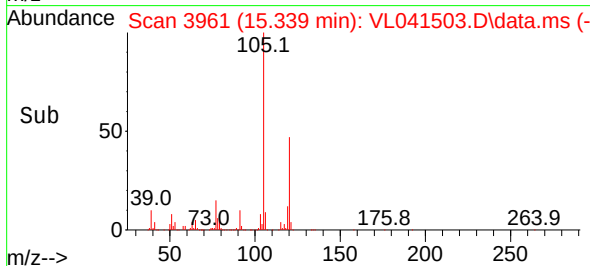
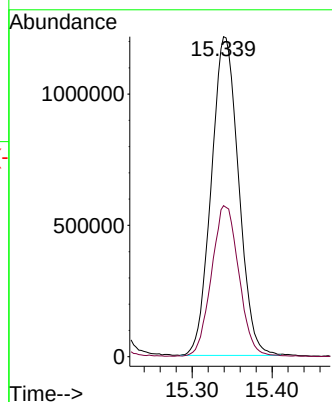
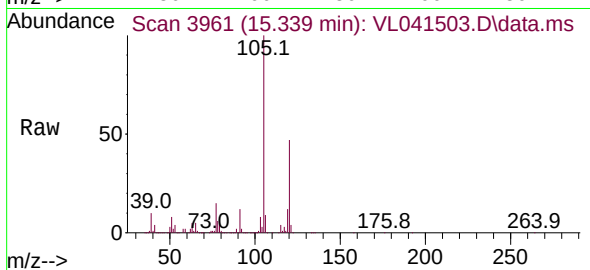
ClientSampleId :

Tgt Ion:105 Resp: 2877672

Ion Ratio Lower Upper

105 100

120 47.2 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 10.519 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.003 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Tgt Ion:105 Resp: 3193140

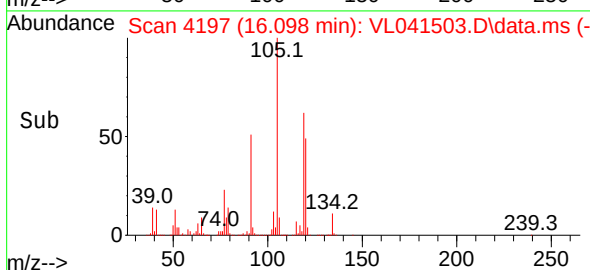
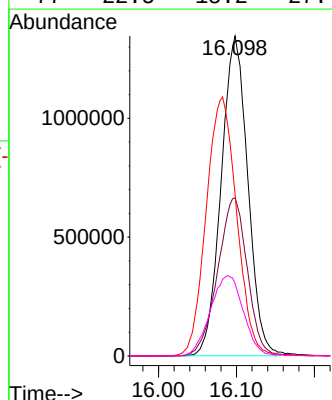
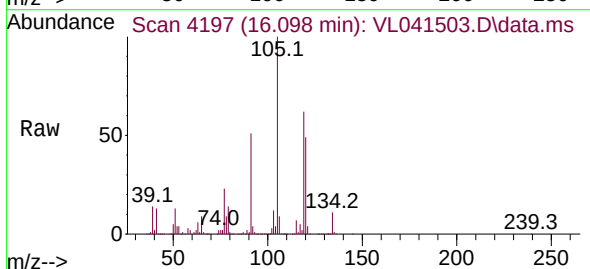
Ion Ratio Lower Upper

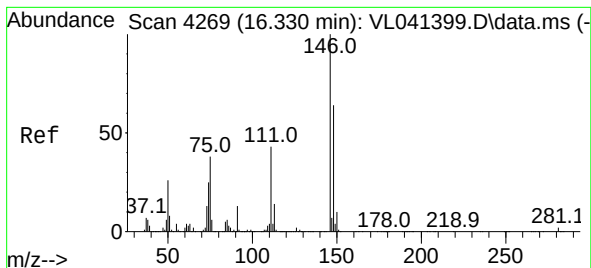
105 100

120 49.4 39.5 59.3

91 50.0 39.8 59.8

77 22.5 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 10.474 ppbv

RT: 16.317 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

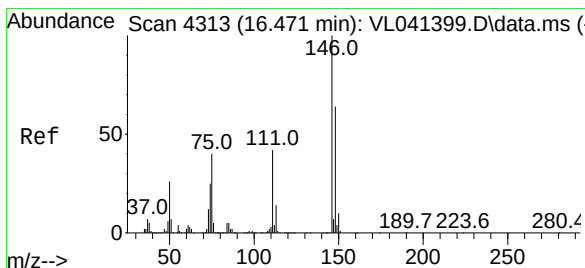
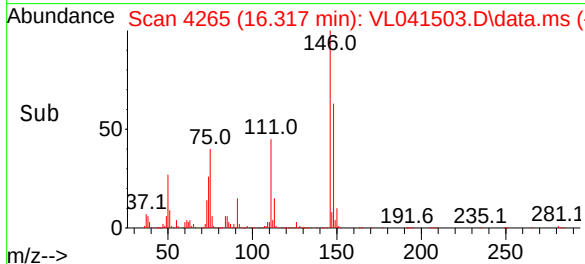
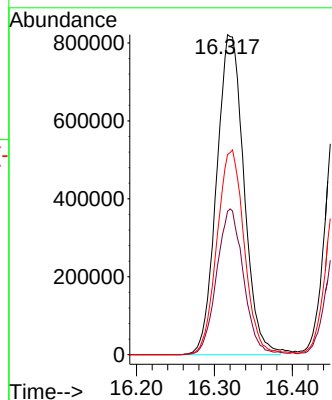
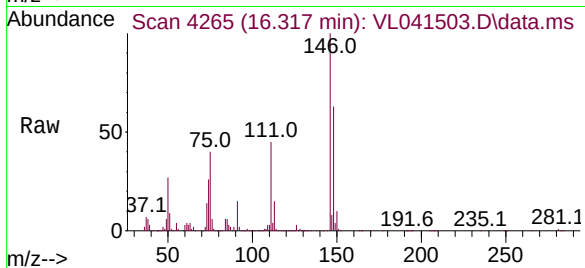
Tgt Ion:146 Resp: 1998644

Ion Ratio Lower Upper

146 100

111 44.9 22.6 67.8

148 64.2 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 10.552 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.000 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

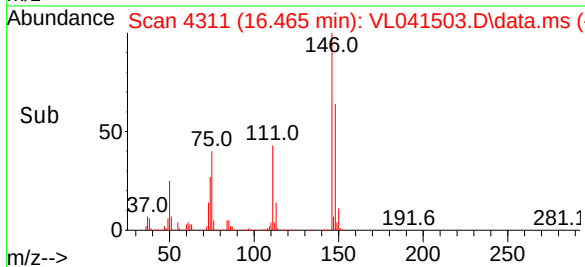
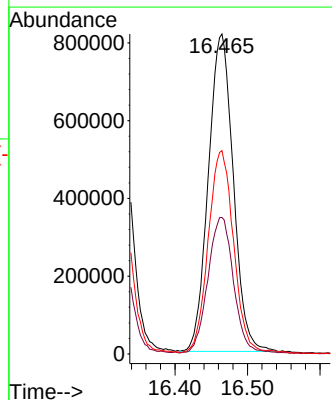
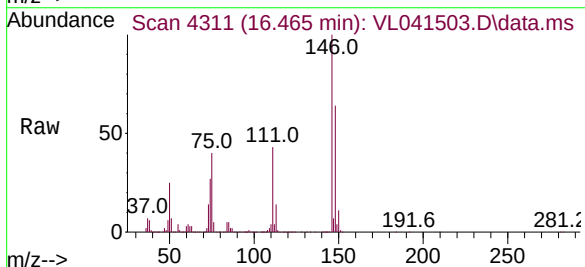
Tgt Ion:146 Resp: 1949765

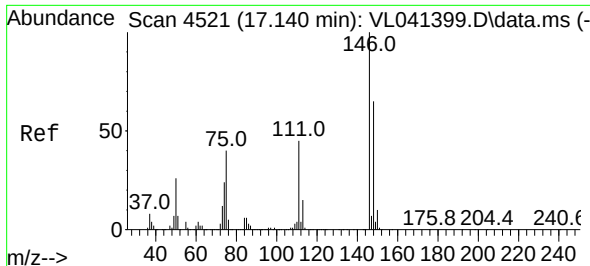
Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

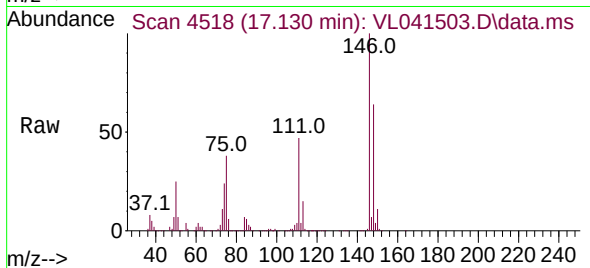
148 65.9 33.1 99.5



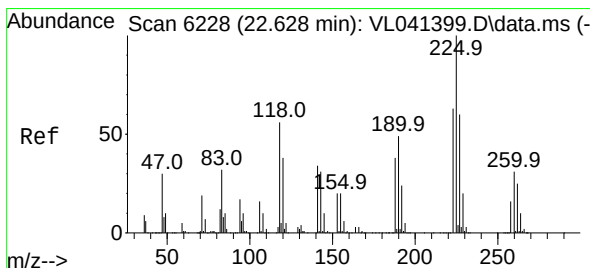
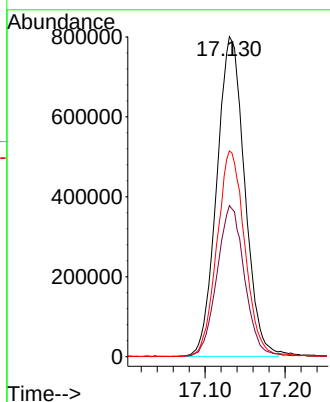
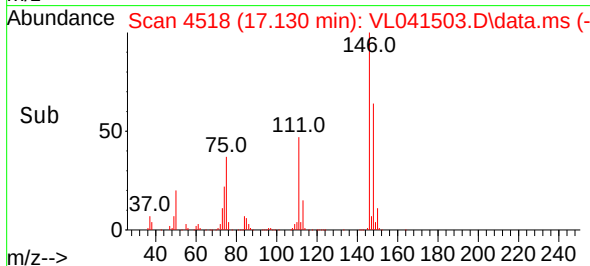


#77
1,2-Dichlorobenzene
Concen: 10.222 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.006 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10

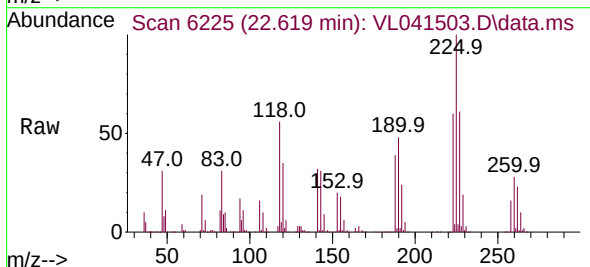
Instrument :
MSVOA_L
ClientSampleId :



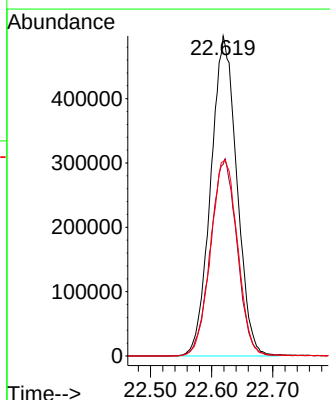
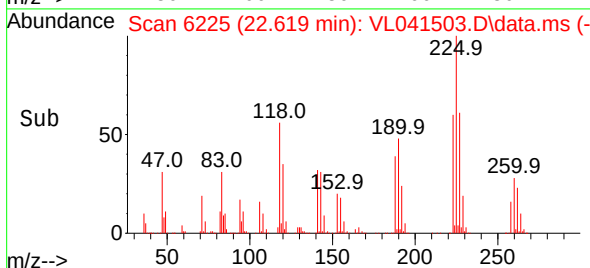
Tgt Ion:146 Resp: 1933641
Ion Ratio Lower Upper
146 100
111 47.2 23.4 70.0
148 64.8 32.2 96.6

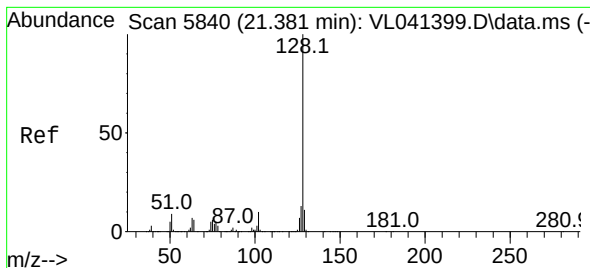


#78
Hexachloro-1,3-Butadiene
Concen: 9.142 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.003 min
Lab File: VL041503.D
Acq: 8 Aug 2024 8:10



Tgt Ion:225 Resp: 1474762
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 63.7 50.8 76.2





#79

Naphthalene

Concen: 12.267 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.000 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

Instrument :

MSVOA_L

ClientSampleId :

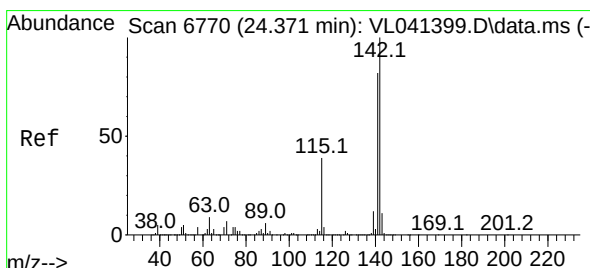
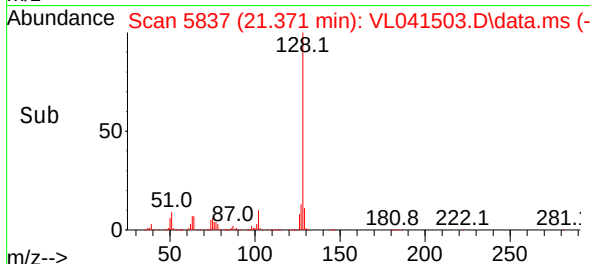
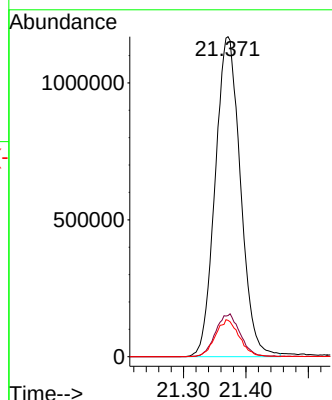
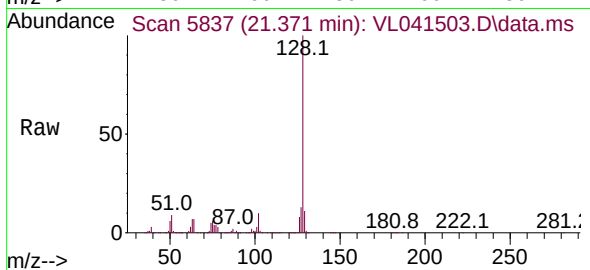
Tgt Ion:128 Resp: 3286851

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 12.490 ppbv

RT: 24.361 min Scan# 6767

Delta R.T. 0.000 min

Lab File: VL041503.D

Acq: 8 Aug 2024 8:10

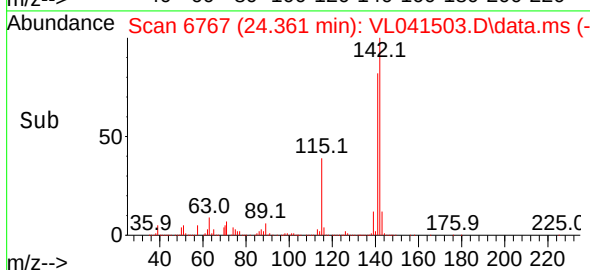
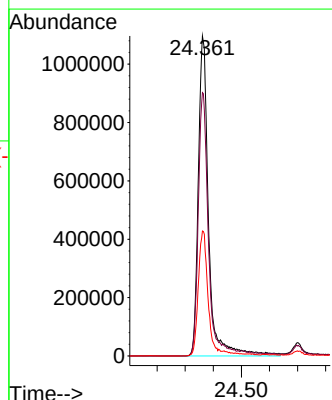
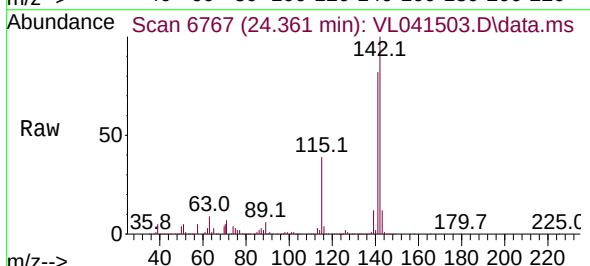
Tgt Ion:142 Resp: 2805169

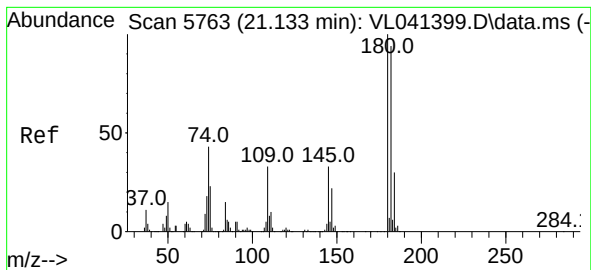
Ion Ratio Lower Upper

142 100

141 79.9 67.0 100.4

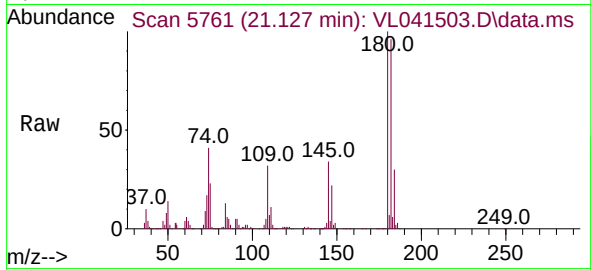
115 38.1 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.828 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041503.D
 Acq: 8 Aug 2024 8:10

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1726526

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.7	115.1
184	30.8	24.5	36.7

