

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041251.D
 Acq On : 9 May 2024 10:12
 Operator : SY/MD
 Sample : VL0509ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 10 01:24:29 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 01:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	811861	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2116799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2602053	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1589577	8.092	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.745	85	1205448	10.977	ppbv	98
3) Chlorodifluoromethane	2.690	51	1324596	10.743	ppbv	98
4) Chloromethane	2.828	50	506743	10.474	ppbv	94
5) Vinyl Chloride	2.938	62	511679	10.527	ppbv	98
6) Bromomethane	3.134	94	190993	10.770	ppbv	96
7) Chloroethane	3.214	64	181482	10.575	ppbv	100
8) Dichlorotetrafluoroethane	2.873	85	1249490	10.993	ppbv	99
9) Propene	2.709	41	474265	9.828	ppbv	99
10) Heptane	7.594	43	1162835	9.946	ppbv	99
11) Trichlorofluoromethane	3.578	101	1287452	11.535	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.079	101	897685	10.876	ppbv	98
13) Ethanol	3.256	45	112907	10.438	ppbv	98
14) Bromoethene	3.382	108	369560	10.850	ppbv	98
15) Acetone	3.481	43	933269	9.740	ppbv	98
16) 1,3-Butadiene	2.999	39	507148	10.485	ppbv	99
17) tert-Butyl alcohol	3.893	59	921399	8.915	ppbv	98
18) 1,1-Dichloroethene	3.893	96	398536	10.830	ppbv	92
19) Isopropyl Alcohol	3.591	45	671811	10.685	ppbv #	45
20) Methylene Chloride	3.944	84	334158	10.029	ppbv	95
21) Allyl Chloride	4.012	41	629627	10.078	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	415942	10.869	ppbv	98
23) Vinyl Acetate	4.642	43	1081831	10.254	ppbv	98
24) 1,1-Dichloroethane	4.578	63	894954	10.909	ppbv	100
25) Ethyl Acetate	5.217	43	1946797	10.180	ppbv	100
26) Hexane	5.227	57	854142	10.008	ppbv	99
27) Carbon Disulfide	4.137	76	1069063	10.582	ppbv	96
28) Methyl tert-Butyl Ether	4.600	73	659867	9.710	ppbv	99
29) Chloroform	5.288	83	1316026	11.178	ppbv	98
30) Cyclohexane	6.616	84	716530	10.606	ppbv	97
31) cis-1,2-Dichloroethene	5.092	61	857084	10.727	ppbv	94
32) 1,1,1-Trichloroethane	6.018	97	1324769	11.277	ppbv	99
34) 2-Butanone	4.803	43	1080811	10.032	ppbv	100
35) Carbon Tetrachloride	6.507	117	1361511	11.461	ppbv	100
36) Benzene	6.385	78	1798409	10.124	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1038219	11.202	ppbv	100
38) Trichloroethene	7.304	130	695903	10.512	ppbv	98
39) 1,2-Dichloropropane	7.089	63	691429	10.100	ppbv	97
40) 1,4-Dioxane	7.304	88	143287	5.859	ppbv #	1
41) Tetrahydrofuran	5.571	42	758866	9.730	ppbv	100
42) Bromodichloromethane	7.266	83	1496658	11.259	ppbv	97
43) Methyl Methacrylate	7.487	69	727714	10.128	ppbv	97
44) 2,2,4-Trimethylpentane	7.340	57	3043039	9.935	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	563904	10.831	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

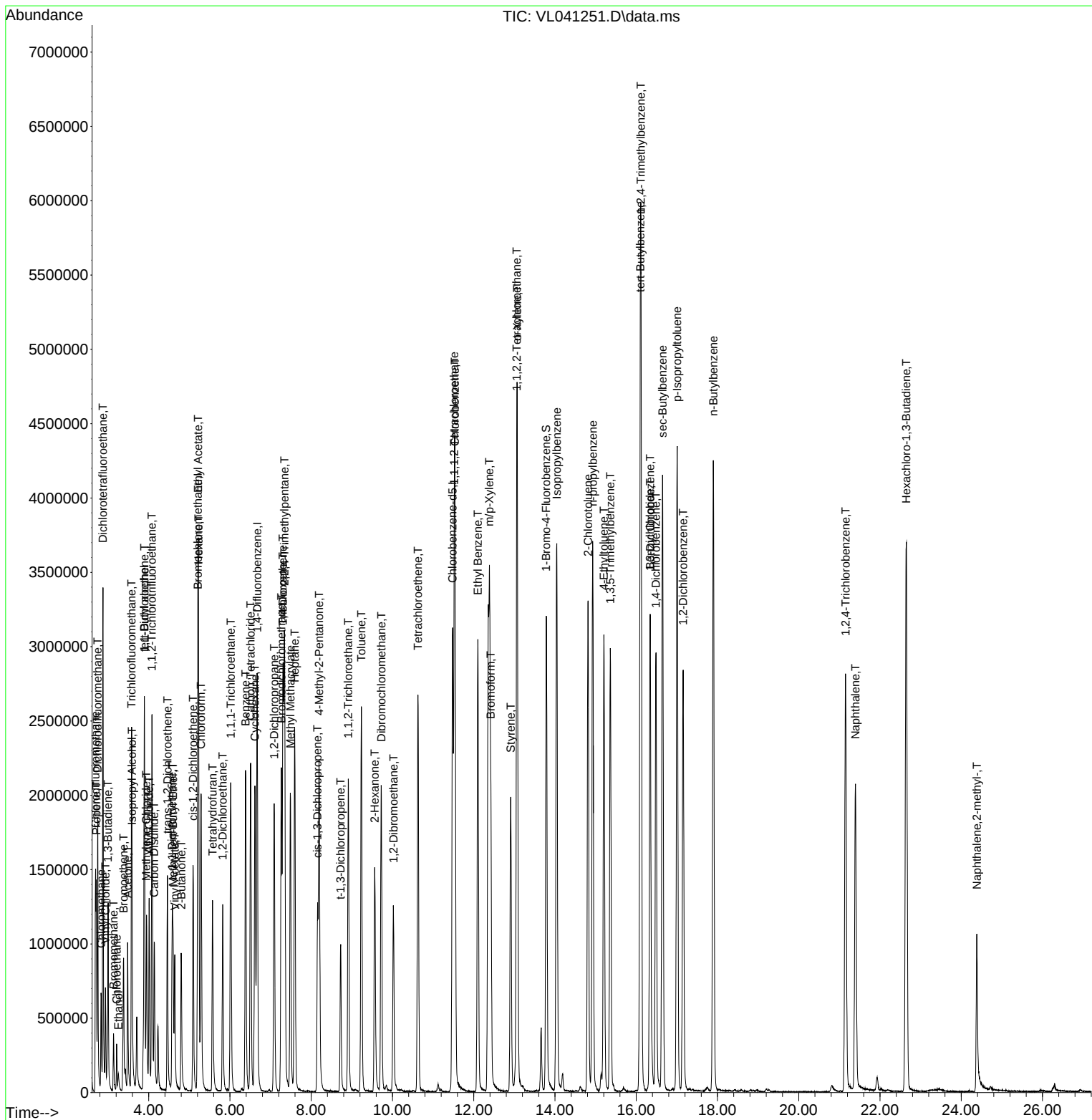
Instrument :
 MSVOA_L
 ClientSampleId :

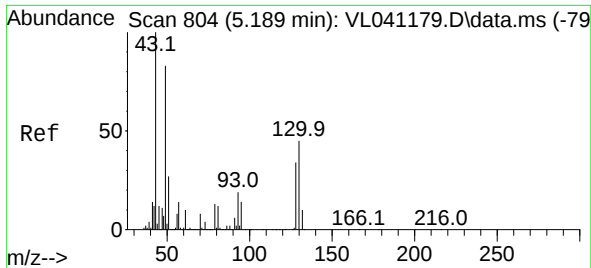
Quant Time: May 10 01:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	668653	10.490	ppbv	97
47) 1,1,2-Trichloroethane	8.915	97	731971	10.682	ppbv	99
48) Dibromochloromethane	9.725	129	1275686	11.684	ppbv	99
49) Bromoform	12.420	173	1036827	11.163	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1890320	9.777	ppbv	100
51) 2-Hexanone	9.565	43	1399805	9.760	ppbv #	98
52) Tetrachloroethene	10.629	164	643008	10.299	ppbv	97
53) Toluene	9.233	91	2118061	10.283	ppbv	99
54) 1,2-Dibromoethane	10.024	107	1044164	11.251	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.519	131	925392	8.771	ppbv	97
57) Chlorobenzene	11.539	112	1592229	8.355	ppbv	96
58) Ethyl Benzene	12.101	91	2845672	7.976	ppbv	99
59) m/p-Xylene	12.384	91	2544273	8.485	ppbv #	38
60) o-Xylene	13.069	91	2276108	8.097	ppbv	100
61) Styrene	12.912	104	1247685	8.403	ppbv	98
62) Isopropylbenzene	14.043	105	3442394	8.188	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1615637	8.432	ppbv	100
64) n-propylbenzene	14.931	120	895978	8.542	ppbv	97
65) tert-Butylbenzene	16.104	119	3002315	7.973	ppbv	100
66) Benzyl Chloride	16.342	91	233084	5.468	ppbv	99
67) sec-Butylbenzene	16.651	105	4279753	8.073	ppbv	99
69) p-Isopropyltoluene	17.008	119	3552123	8.131	ppbv	100
70) n-Butylbenzene	17.899	91	3733108	8.182	ppbv	99
71) 2-Chlorotoluene	14.815	91	2638093	8.241	ppbv	98
72) 4-Ethyltoluene	15.204	105	2718402	8.538	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2388569	8.292	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	2598398	8.259	ppbv	95
75) 1,3-Dichlorobenzene	16.346	146	1535259	8.510	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1521812	8.771	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1500182	8.319	ppbv	100
78) Hexachloro-1,3-Butadiene	22.644	225	1062019	6.626	ppbv	99
79) Naphthalene	21.397	128	2623146	8.755	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	810982	6.729	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	1245271	7.872	ppbv	99

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

Quant Time: May 10 01:24:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 10 01:23:08 2024
Response via : Initial Calibration

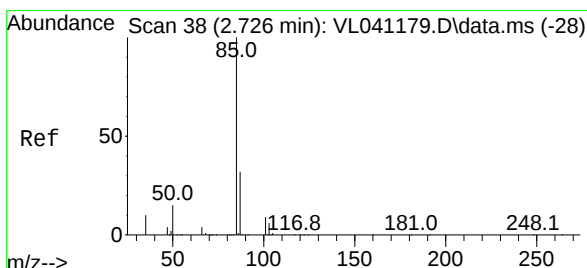
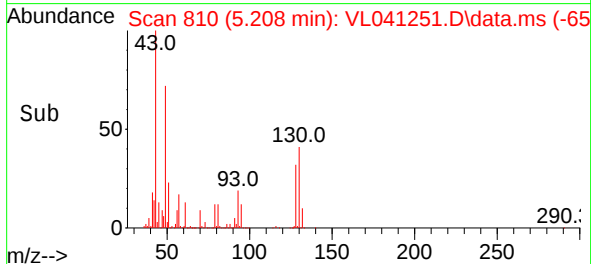
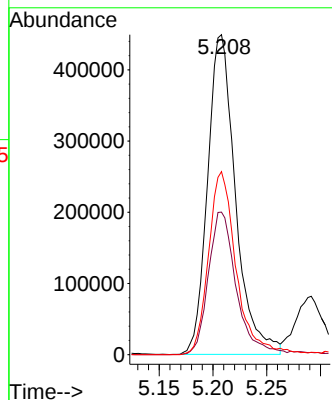
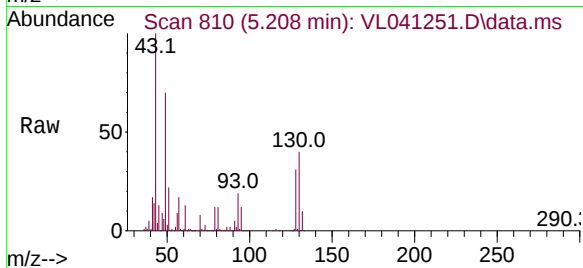




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

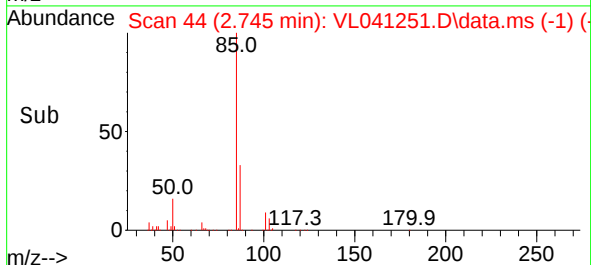
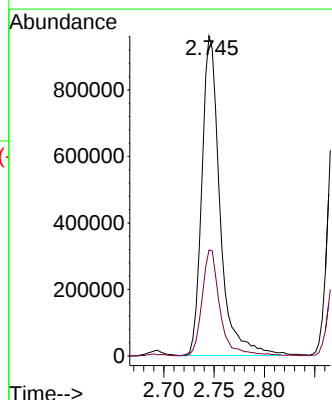
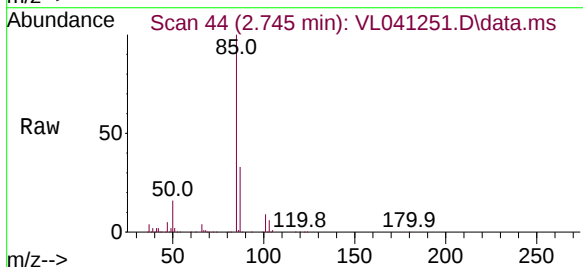
Instrument :
MSVOA_L
ClientSampleId :

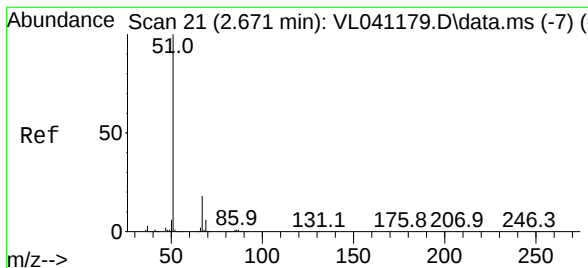
Tgt Ion: 49 Resp: 811861
Ion Ratio Lower Upper
49 100
128 45.7 21.5 64.5
130 58.0 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 10.977 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion: 85 Resp: 1205448
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.743 ppbv

RT: 2.690 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

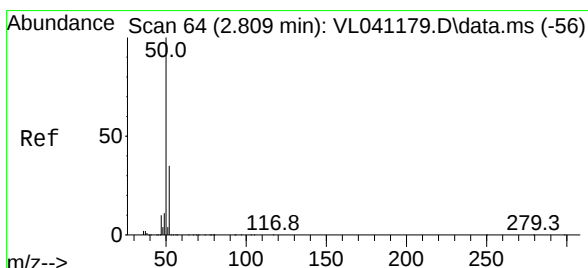
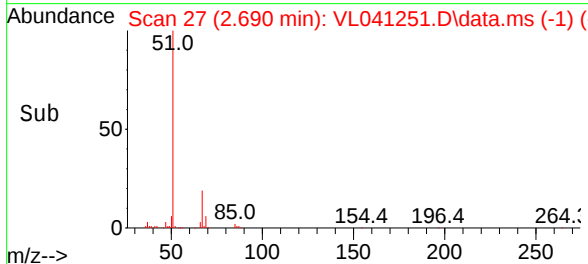
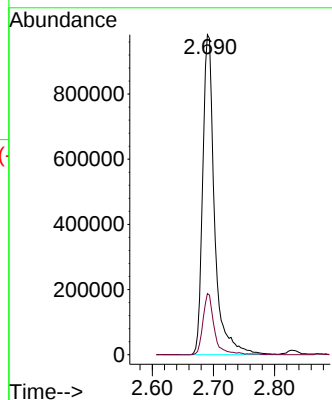
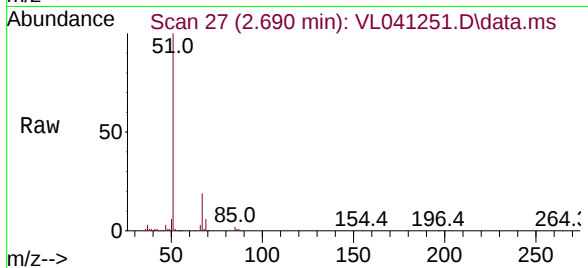
ClientSampleId :

Tgt Ion: 51 Resp: 1324596

Ion Ratio Lower Upper

51 100

67 18.4 14.0 21.0



#4

Chloromethane

Concen: 10.474 ppbv

RT: 2.828 min Scan# 70

Delta R.T. -0.000 min

Lab File: VL041251.D

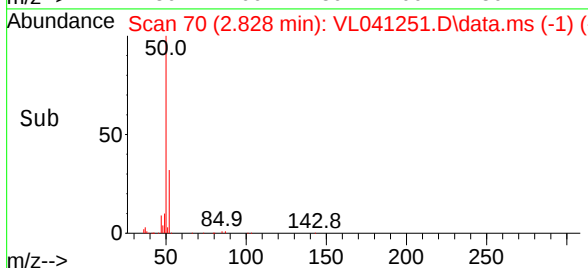
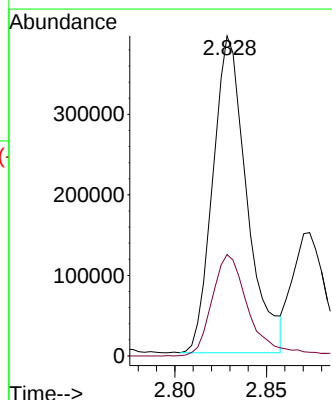
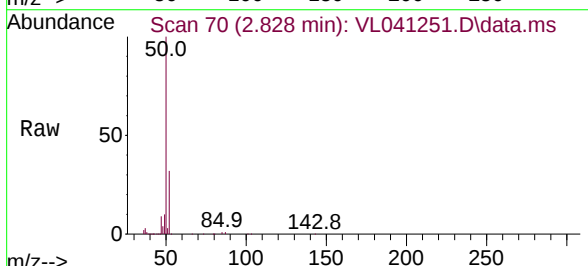
Acq: 9 May 2024 10:12

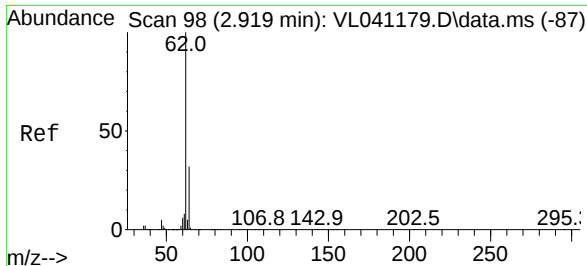
Tgt Ion: 50 Resp: 506743

Ion Ratio Lower Upper

50 100

52 31.9 28.3 42.5





#5

Vinyl Chloride

Concen: 10.527 ppbv

RT: 2.938 min Scan# 104

Delta R.T. 0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

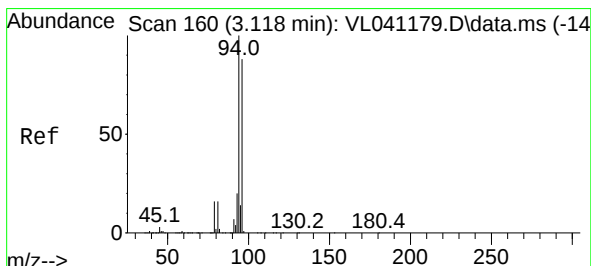
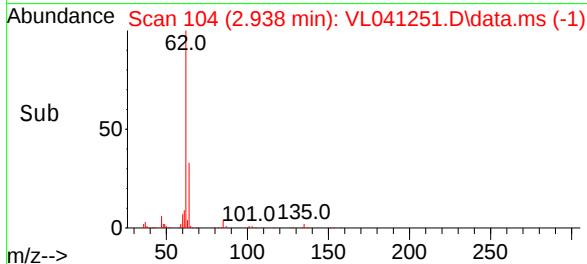
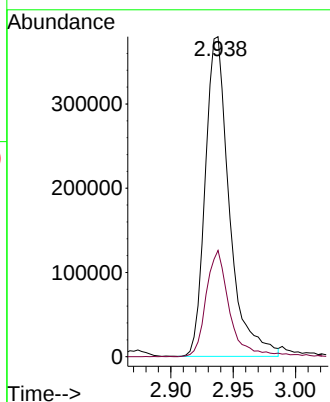
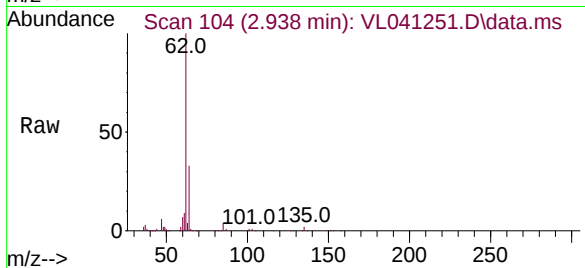
ClientSampleId :

Tgt Ion: 62 Resp: 511679

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5



#6

Bromomethane

Concen: 10.770 ppbv

RT: 3.134 min Scan# 165

Delta R.T. -0.000 min

Lab File: VL041251.D

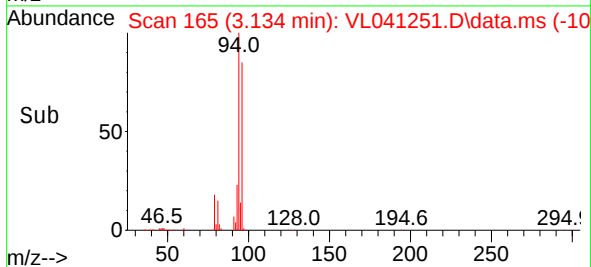
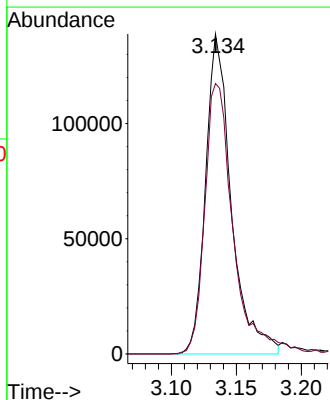
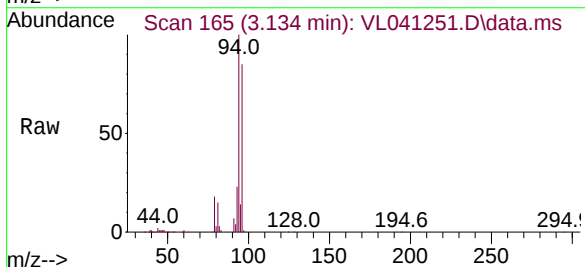
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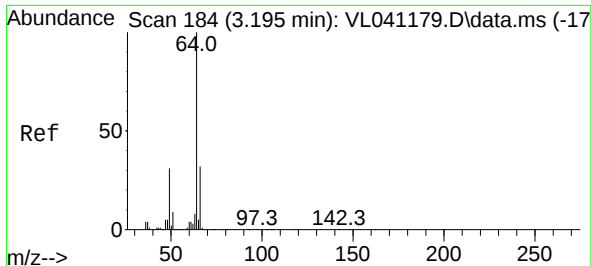
Tgt Ion: 94 Resp: 190993

Ion Ratio Lower Upper

94 100

96 84.3 70.1 105.1

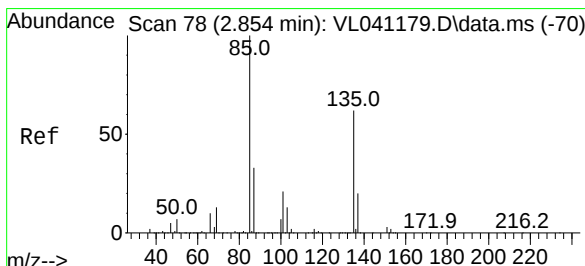
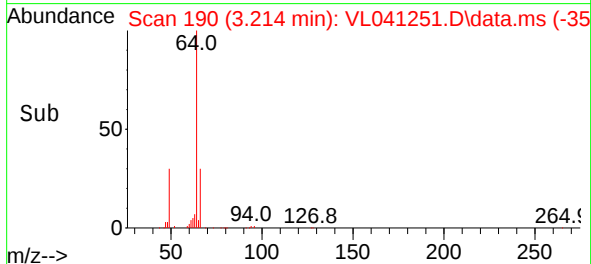
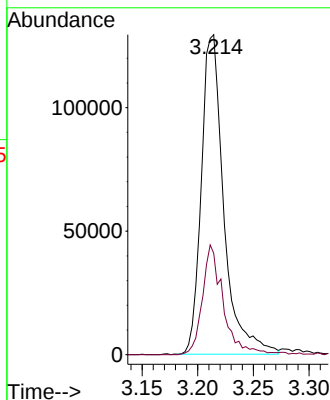
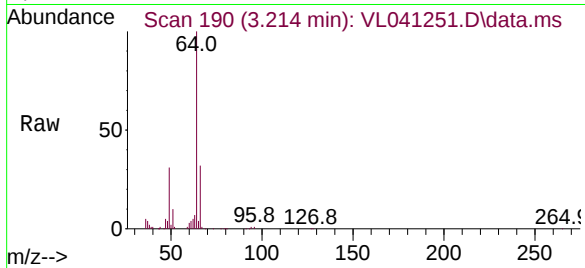




#7
Chloroethane
Concen: 10.575 ppbv
RT: 3.214 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

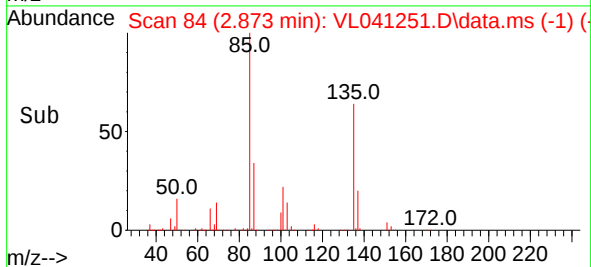
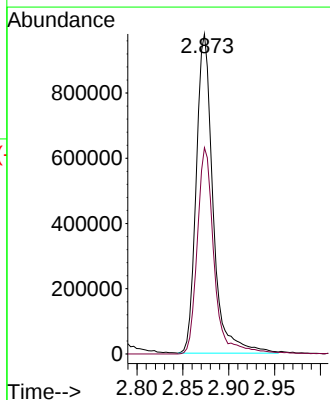
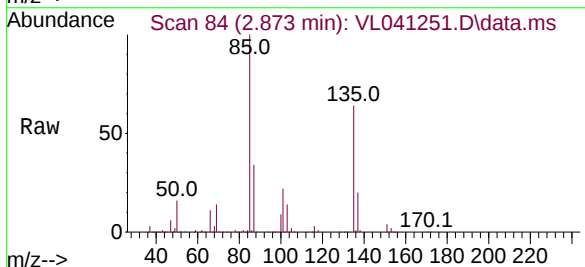
Instrument :
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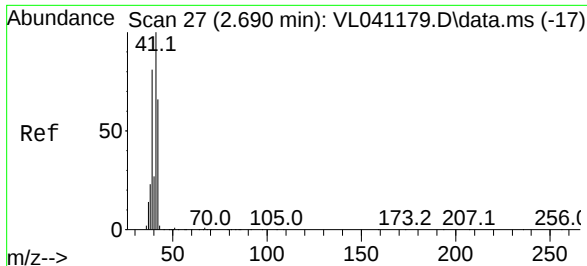
Tgt Ion: 64 Resp: 181482
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.993 ppbv
RT: 2.873 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

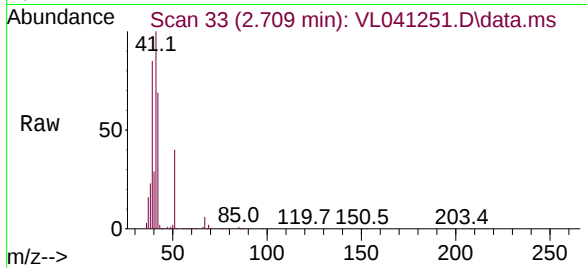
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Ion Ratio Lower Upper
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135 65.3 51.5 77.3



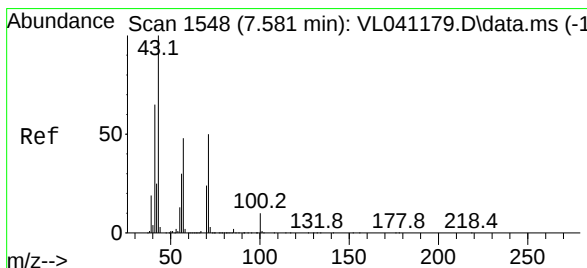
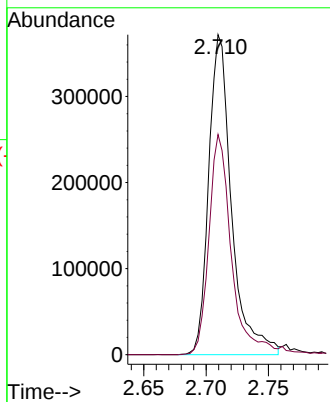
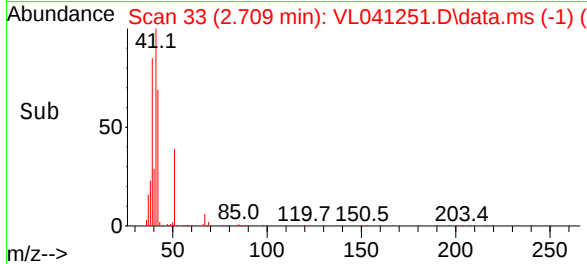


#9
Propene
Concen: 9.828 ppbv
RT: 2.709 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Instrument :
MSVOA_L
ClientSampleId :

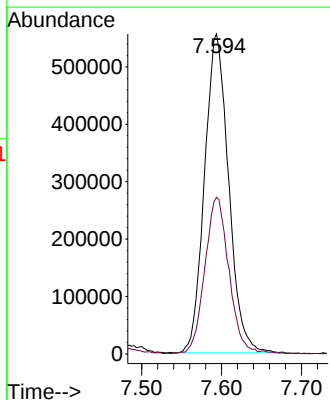
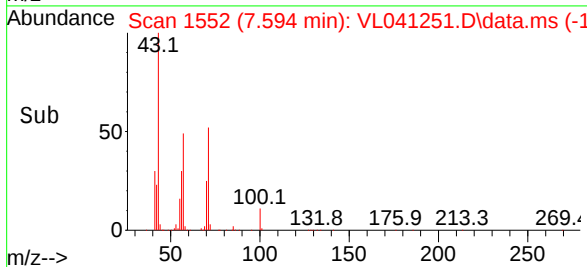
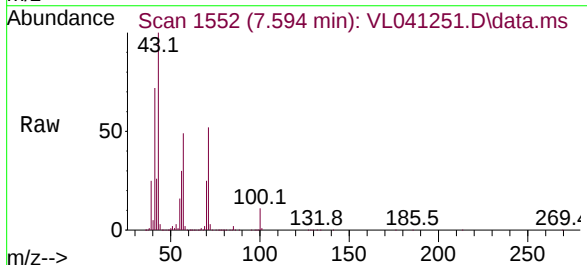


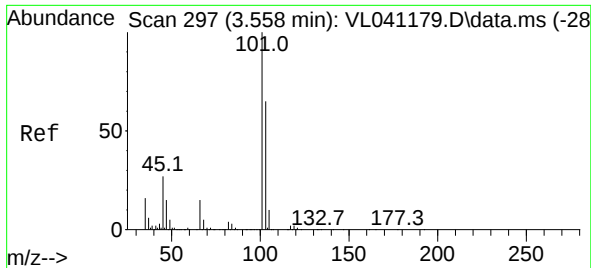
Tgt Ion: 41 Resp: 474265
Ion Ratio Lower Upper
41 100
42 69.6 55.3 82.9



#10
Heptane
Concen: 9.946 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion: 43 Resp: 1162835
Ion Ratio Lower Upper
43 100
57 49.3 38.7 58.1





#11

Trichlorofluoromethane

Concen: 11.535 ppbv

RT: 3.578 min Scan# 303

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

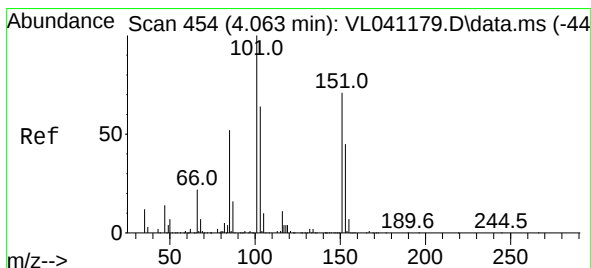
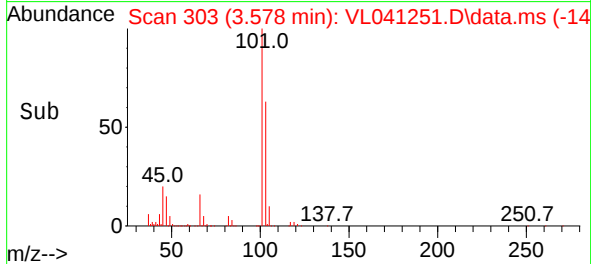
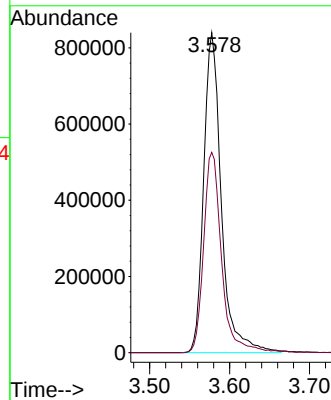
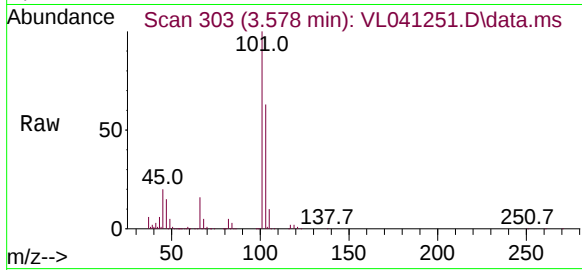
ClientSampleId :

Tgt Ion:101 Resp: 1287452

Ion Ratio Lower Upper

101 100

103 62.6 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.876 ppbv

RT: 4.079 min Scan# 459

Delta R.T. -0.000 min

Lab File: VL041251.D

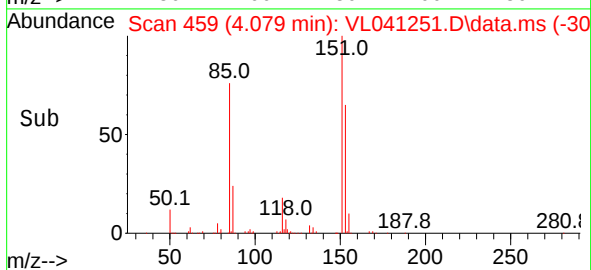
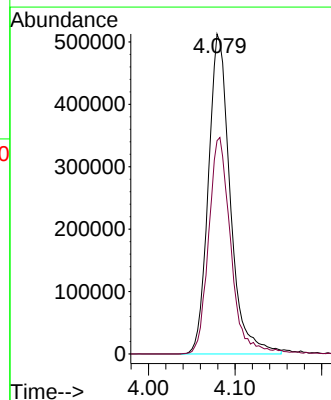
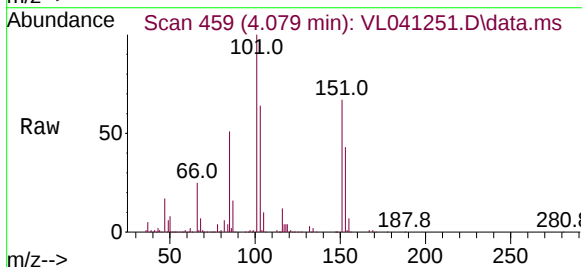
Acq: 9 May 2024 10:12

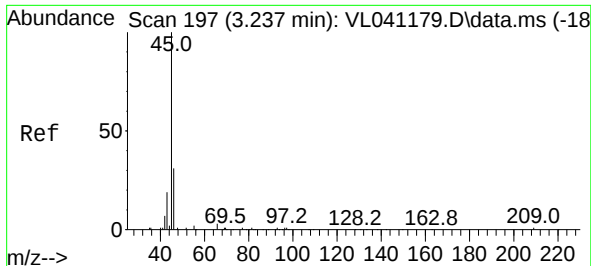
Tgt Ion:101 Resp: 897685

Ion Ratio Lower Upper

101 100

151 69.1 56.8 85.2





#13

Ethanol

Concen: 10.438 ppbv

RT: 3.256 min Scan# 203

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

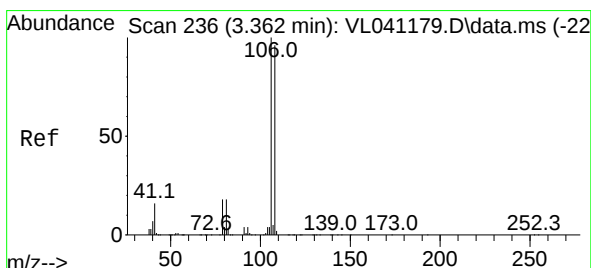
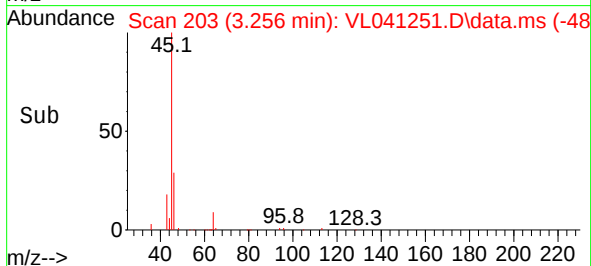
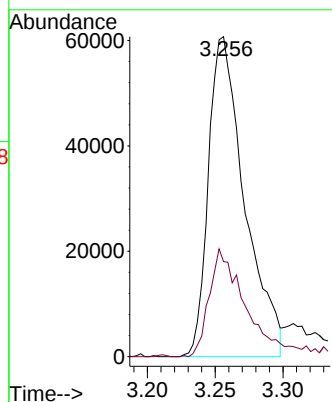
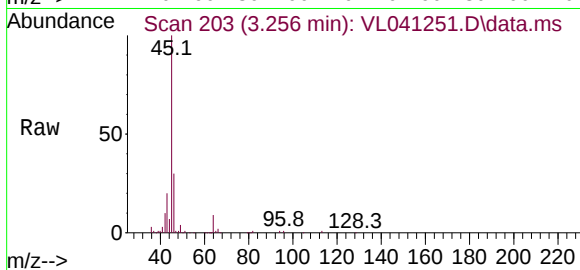
ClientSampleId :

Tgt Ion: 45 Resp: 112907

Ion Ratio Lower Upper

45 100

46 35.5 14.8 59.0



#14

Bromoethene

Concen: 10.850 ppbv

RT: 3.382 min Scan# 242

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

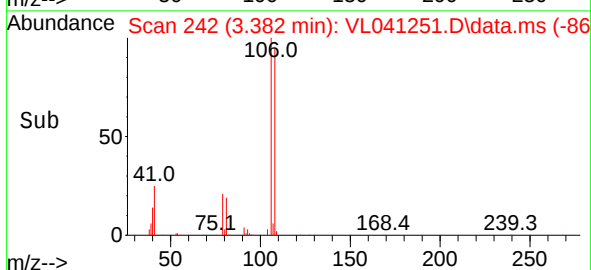
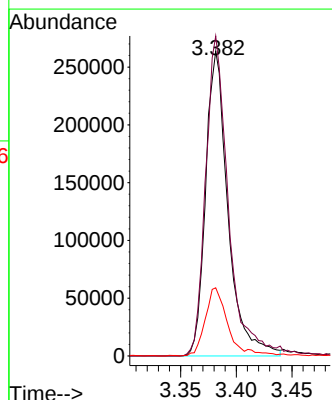
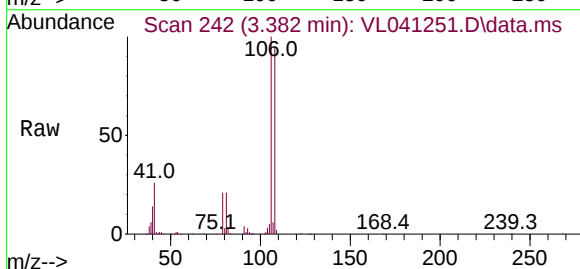
Tgt Ion:108 Resp: 369560

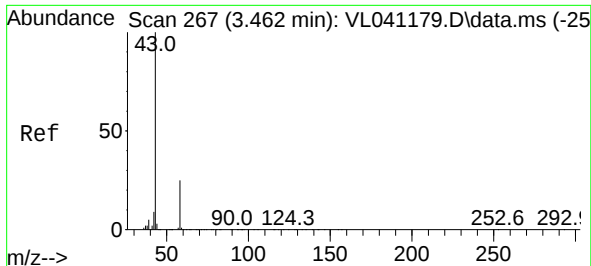
Ion Ratio Lower Upper

108 100

106 108.9 88.2 132.4

79 23.6 17.4 26.0

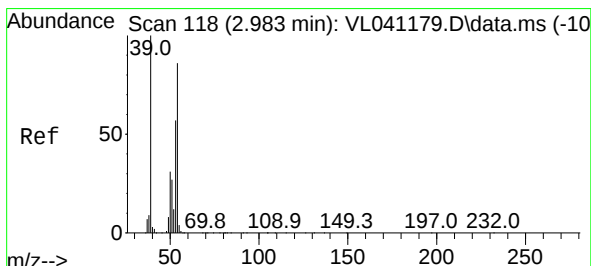
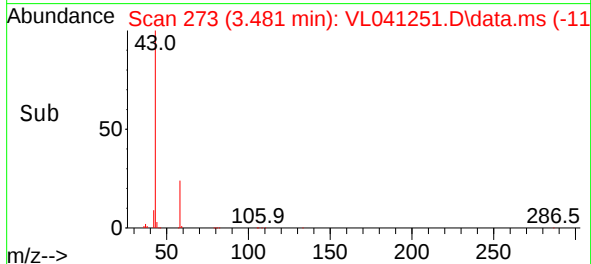
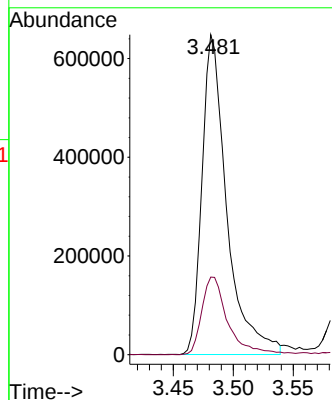
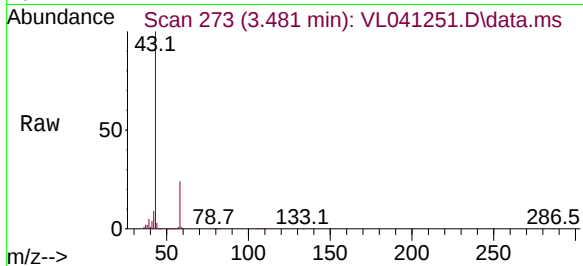




#15
Acetone
Concen: 9.740 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

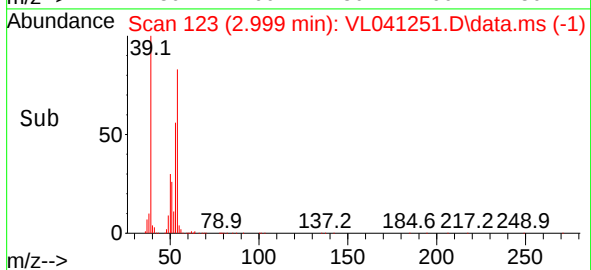
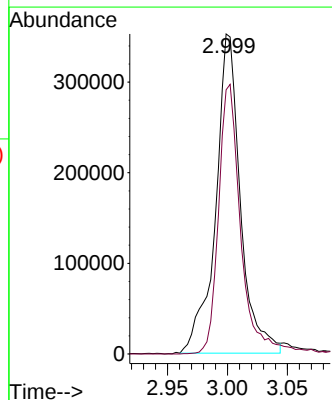
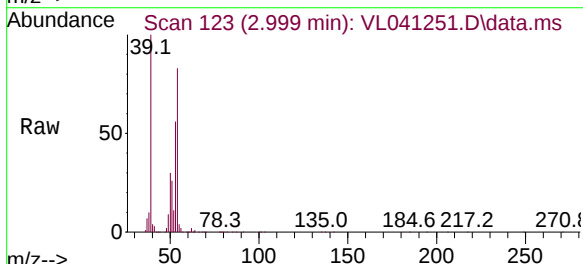
Instrument :
MSVOA_L
ClientSampleId :

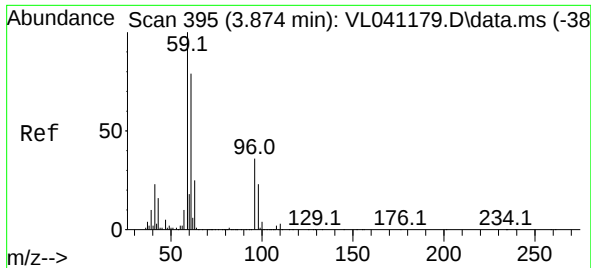
Tgt Ion: 43 Resp: 933269
Ion Ratio Lower Upper
43 100
58 25.6 21.4 32.0



#16
1,3-Butadiene
Concen: 10.485 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion: 39 Resp: 507148
Ion Ratio Lower Upper
39 100
54 76.7 62.2 93.4





#17

tert-Butyl alcohol

Concen: 8.915 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

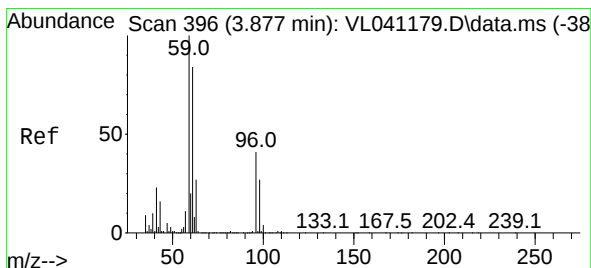
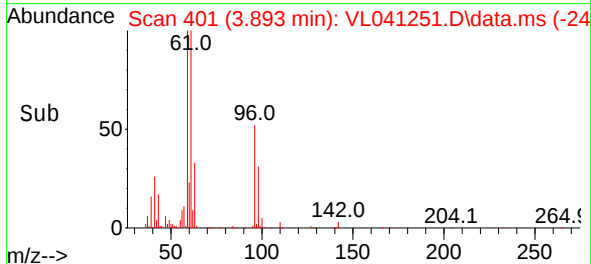
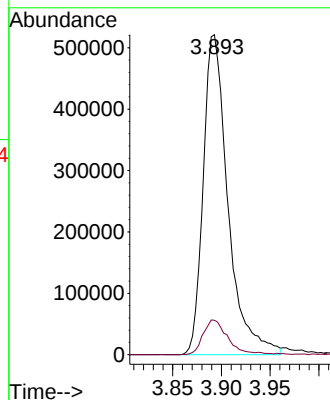
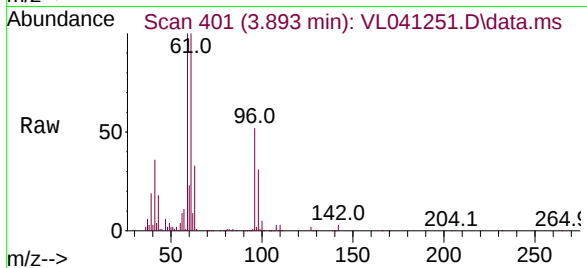
ClientSampleId :

Tgt Ion: 59 Resp: 921399

Ion Ratio Lower Upper

59 100

57 11.2 8.4 12.6



#18

1,1-Dichloroethene

Concen: 10.830 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

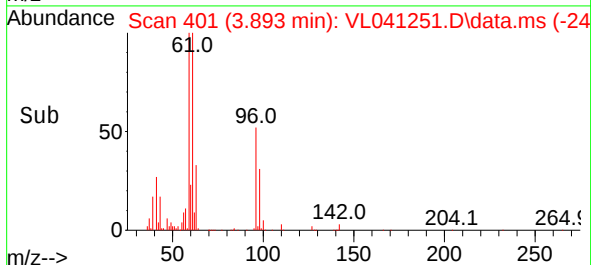
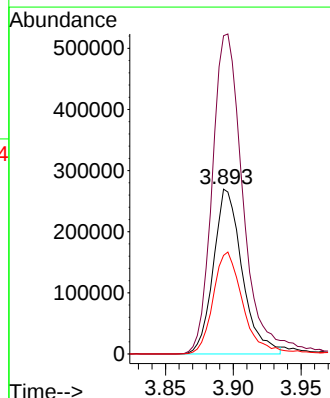
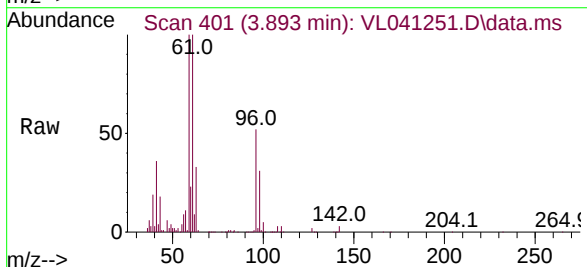
Tgt Ion: 96 Resp: 398536

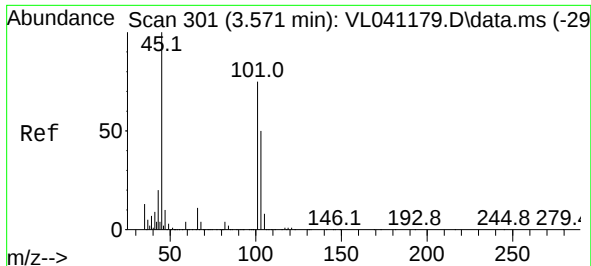
Ion Ratio Lower Upper

96 100

61 192.9 164.4 246.6

98 59.8 51.8 77.8





#19

Isopropyl Alcohol

Concen: 10.685 ppbv

RT: 3.591 min Scan# 301

Delta R.T. -0.000 min

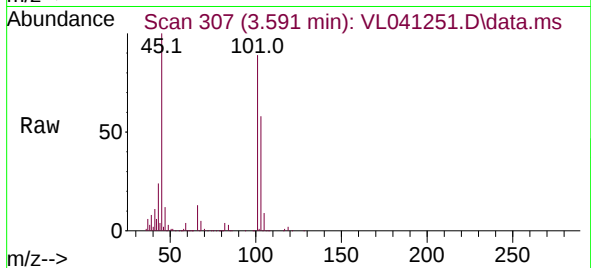
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

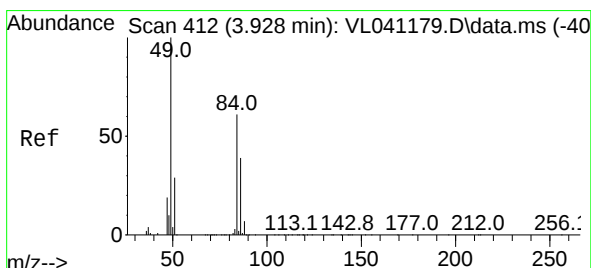
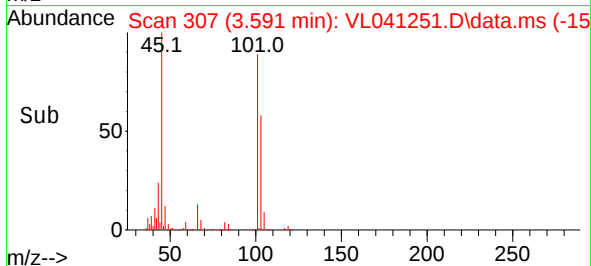
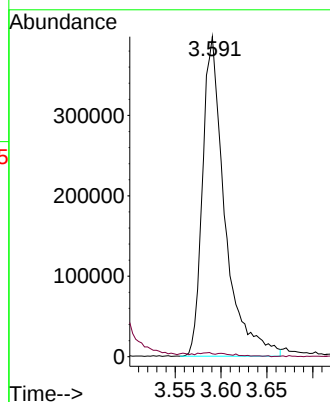


Tgt Ion: 45 Resp: 671811

Ion Ratio Lower Upper

45 100

58 2.1 26.8 40.2#



#20

Methylene Chloride

Concen: 10.029 ppbv

RT: 3.944 min Scan# 417

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion: 84 Resp: 334158

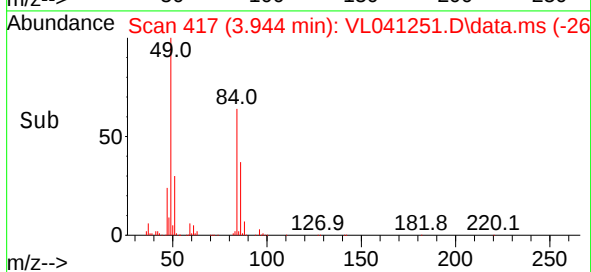
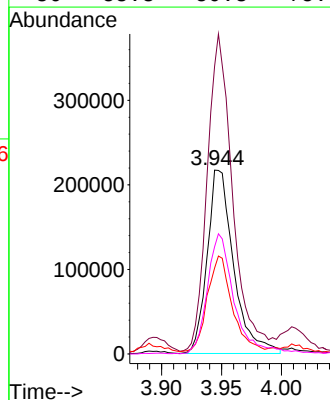
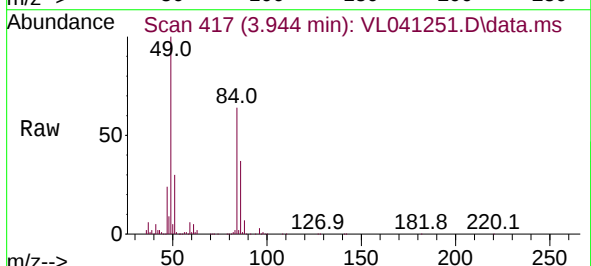
Ion Ratio Lower Upper

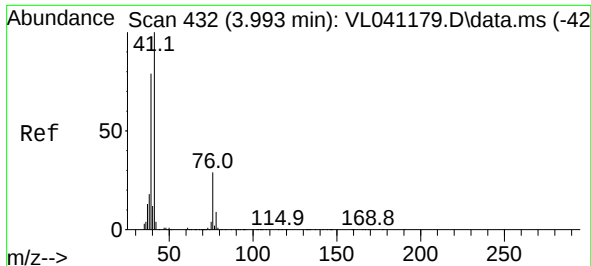
84 100

49 155.4 130.4 195.6

51 45.7 38.0 57.0

86 58.3 50.3 75.5





#21

Allyl Chloride

Concen: 10.078 ppbv

RT: 4.012 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

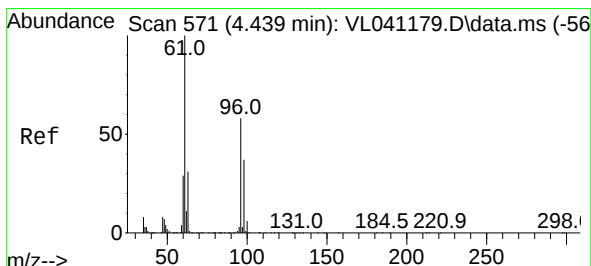
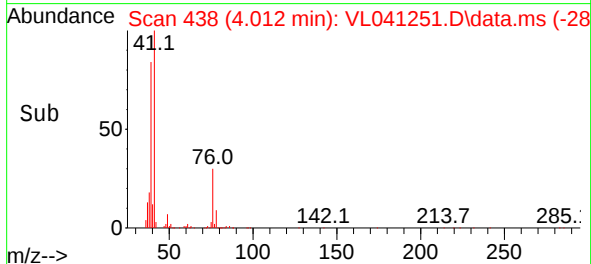
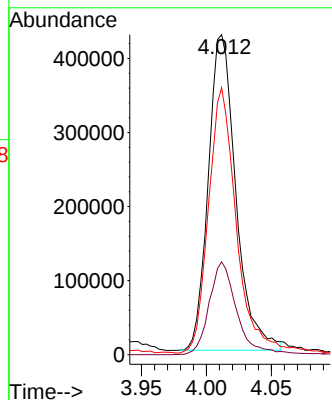
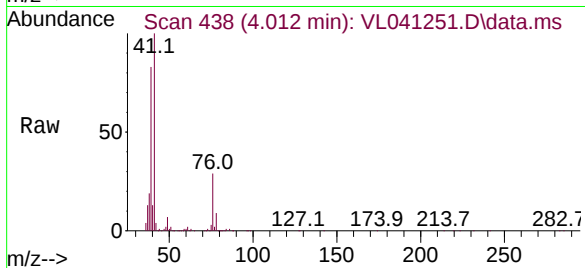
Tgt Ion: 41 Resp: 629627

Ion Ratio Lower Upper

41 100

76 29.6 23.7 35.5

39 86.2 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 10.869 ppbv

RT: 4.462 min Scan# 578

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

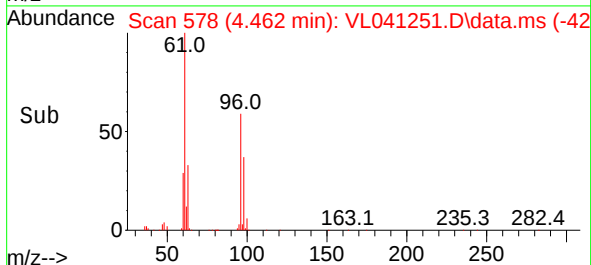
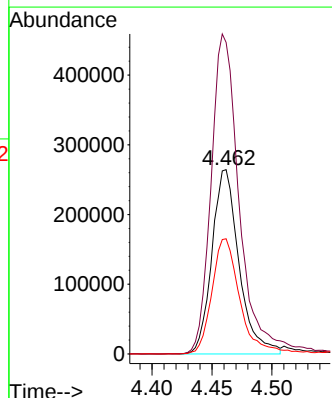
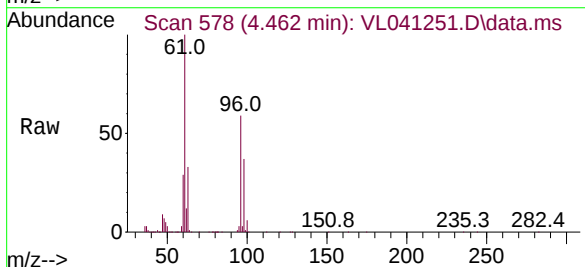
Tgt Ion: 96 Resp: 415942

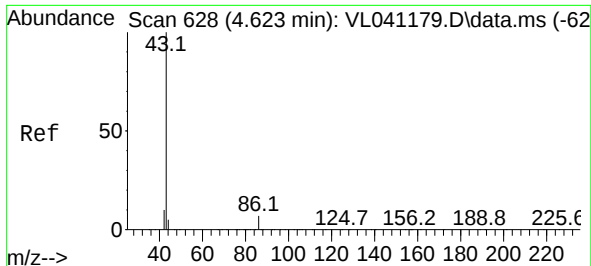
Ion Ratio Lower Upper

96 100

61 168.8 137.6 206.4

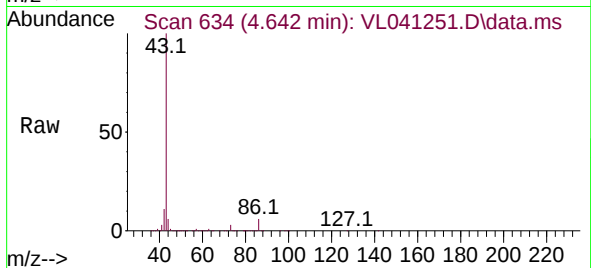
98 62.5 50.6 76.0





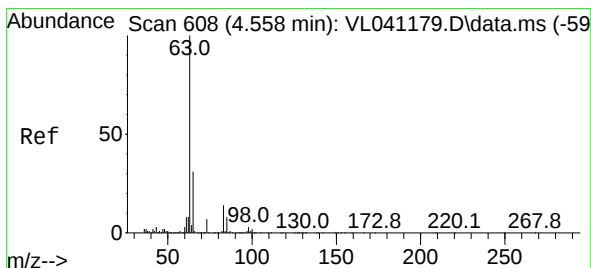
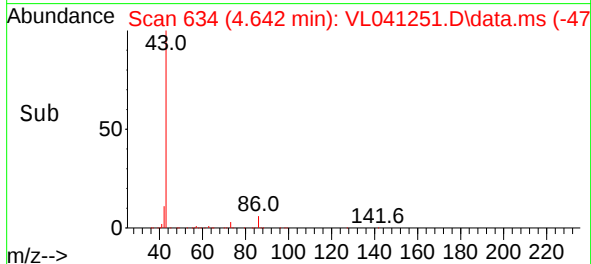
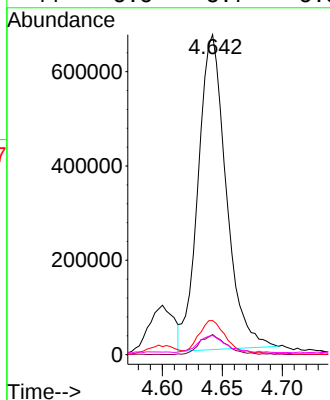
#23
 Vinyl Acetate
 Concen: 10.254 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1081831

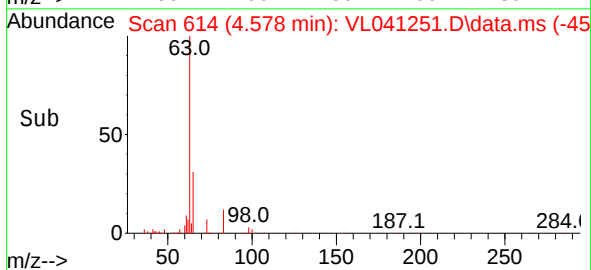
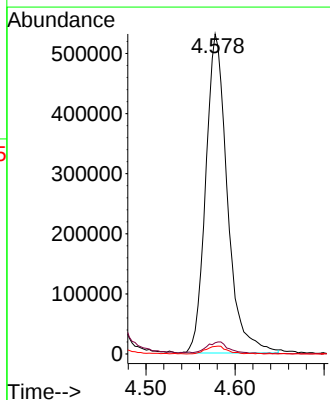
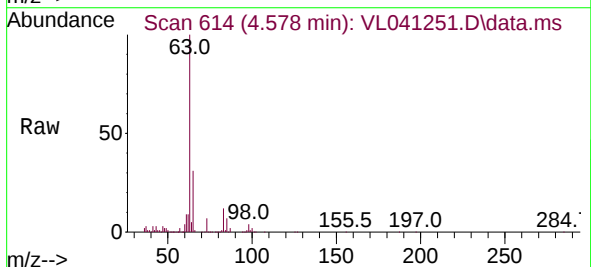
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.9	7.3
42	10.7	8.0	12.0
44	5.5	3.7	5.5

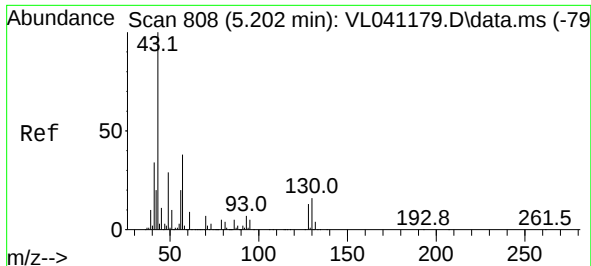


#24
 1,1-Dichloroethane
 Concen: 10.909 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Tgt Ion: 63 Resp: 894954

Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.6	4.8
100	2.4	1.1	3.5





#25

Ethyl Acetate

Concen: 10.180 ppbv

RT: 5.217 min Scan# 813

Delta R.T. -0.003 min

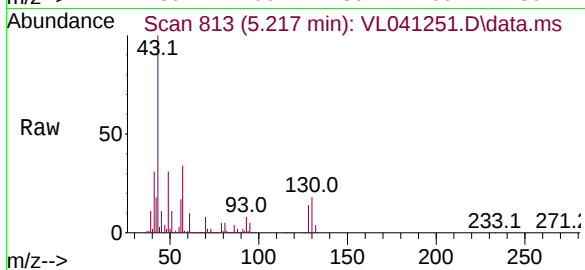
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 1946797

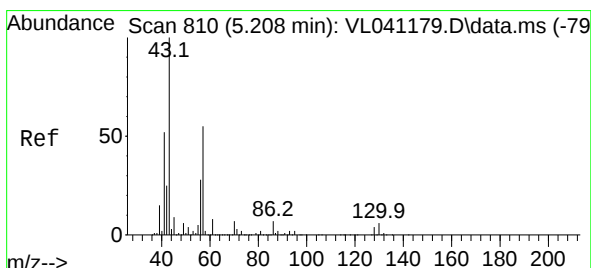
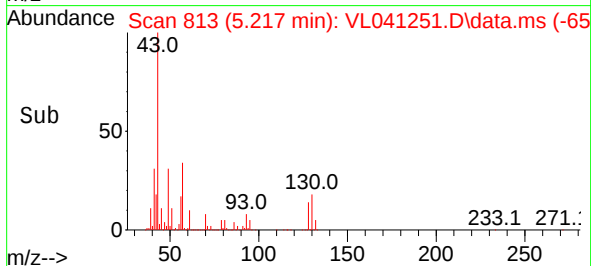
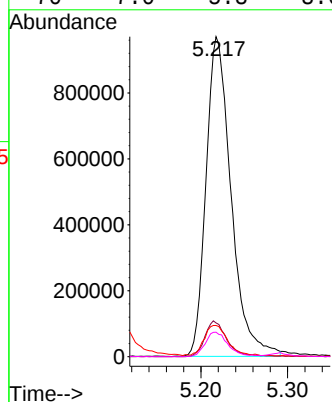
Ion Ratio Lower Upper

43 100

45 10.1 8.2 12.2

61 9.7 7.7 11.5

70 7.0 5.8 8.6



#26

Hexane

Concen: 10.008 ppbv

RT: 5.227 min Scan# 816

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion: 57 Resp: 854142

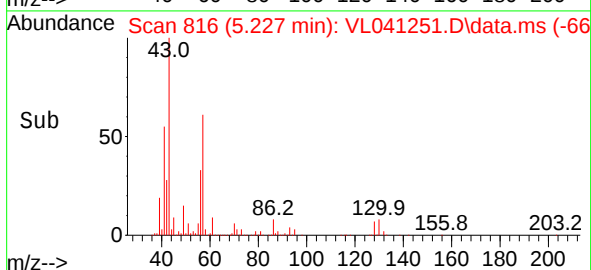
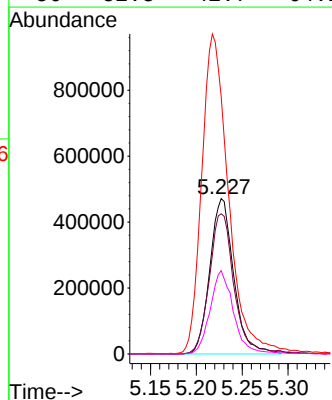
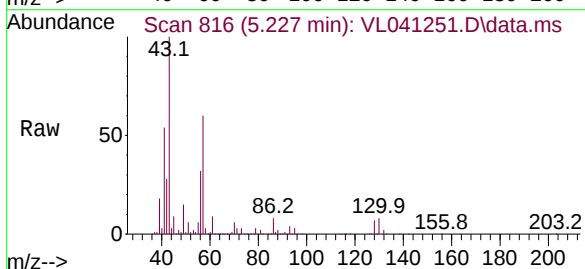
Ion Ratio Lower Upper

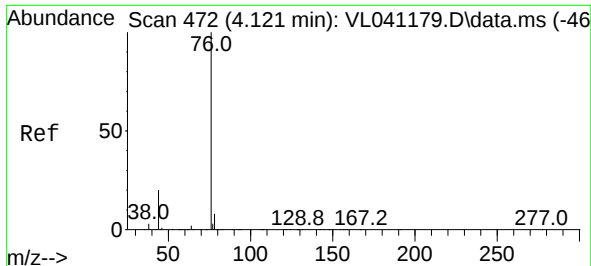
57 100

41 94.5 75.8 113.8

43 232.5 187.0 280.4

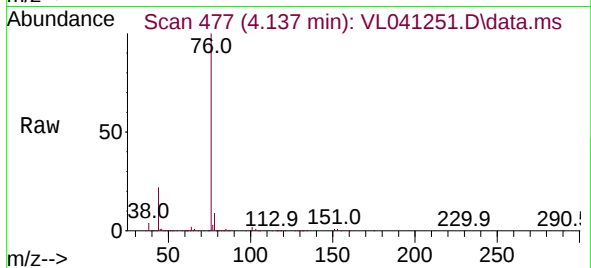
56 52.8 42.7 64.1



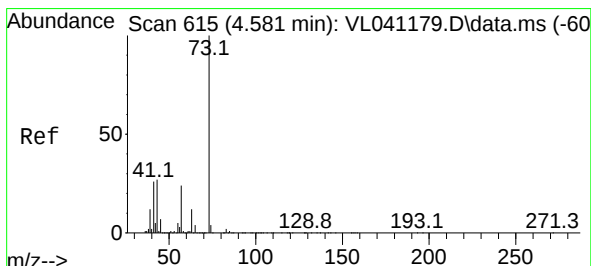
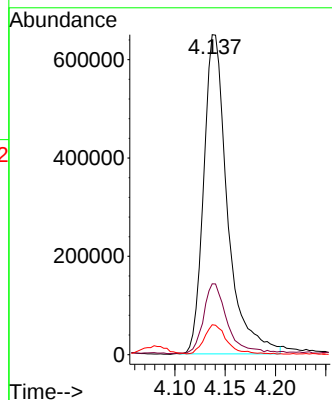
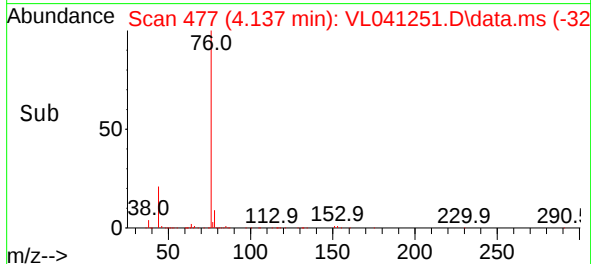


#27
Carbon Disulfide
Concen: 10.582 ppbv
RT: 4.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

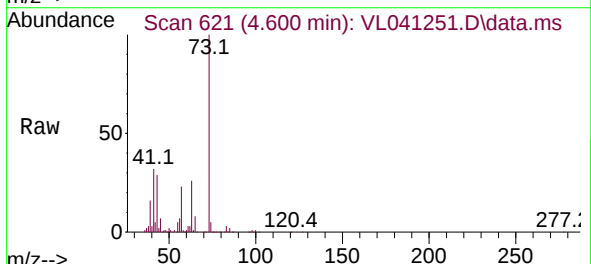
Instrument :
MSVOA_L
ClientSampleId :



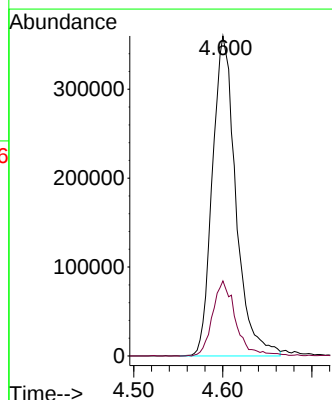
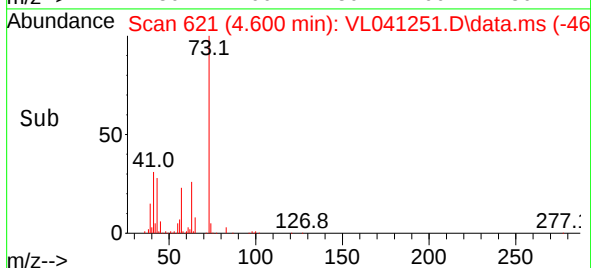
Tgt Ion: 76 Resp: 1069063
Ion Ratio Lower Upper
76 100
44 22.6 16.3 24.5
78 9.5 7.3 10.9

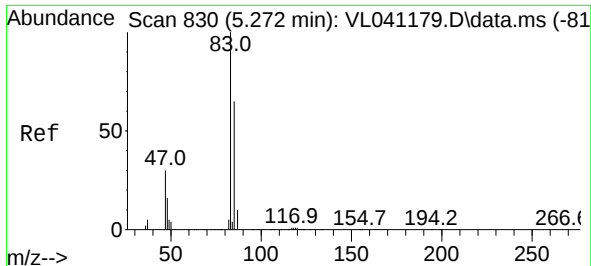


#28
Methyl tert-Butyl Ether
Concen: 9.710 ppbv
RT: 4.600 min Scan# 621
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12



Tgt Ion: 73 Resp: 659867
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





#29

Chloroform

Concen: 11.178 ppbv

RT: 5.288 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

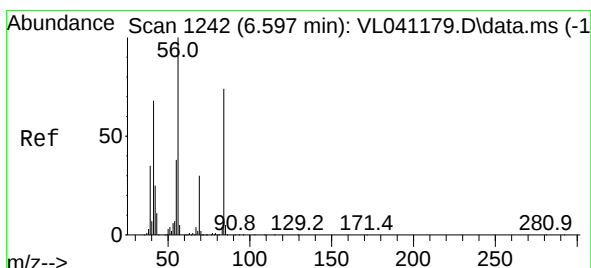
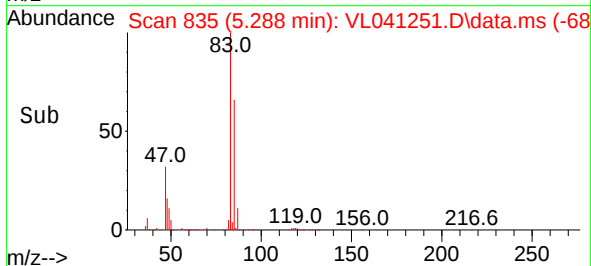
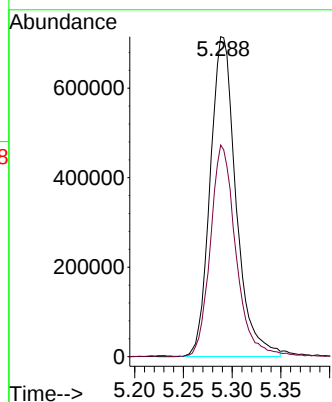
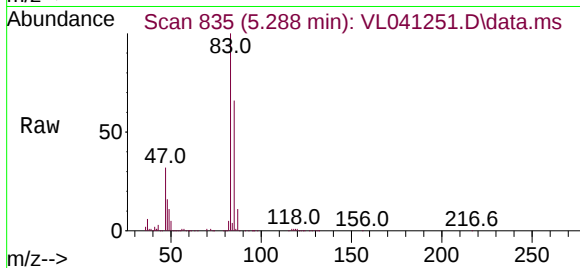
ClientSampleId :

Tgt Ion: 83 Resp: 1316026

Ion Ratio Lower Upper

83 100

85 66.0 51.7 77.5



#30

Cyclohexane

Concen: 10.606 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

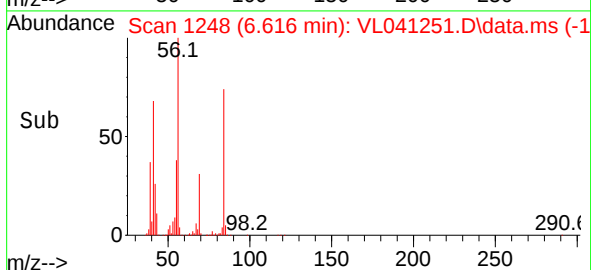
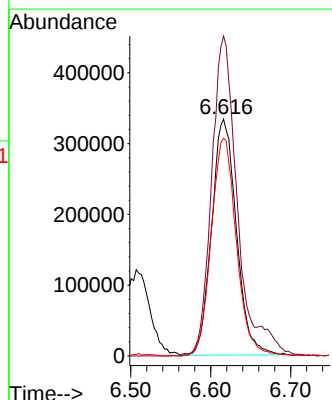
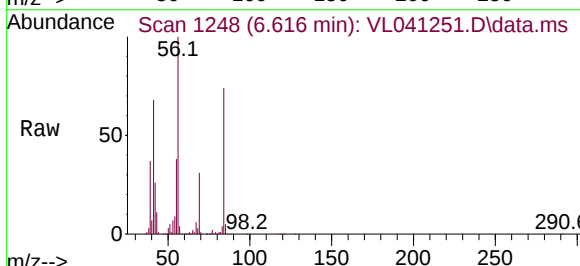
Tgt Ion: 84 Resp: 716530

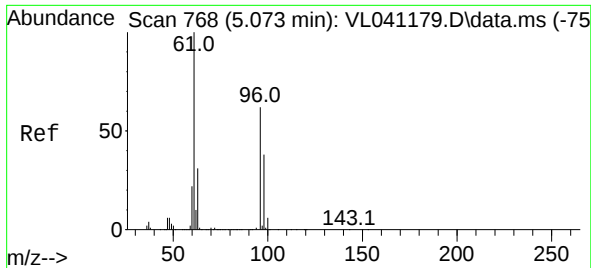
Ion Ratio Lower Upper

84 100

56 142.1 116.8 175.2

41 94.1 73.8 110.8

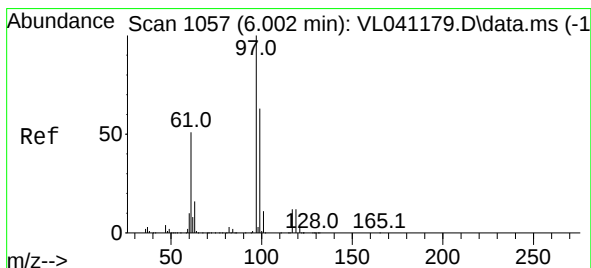
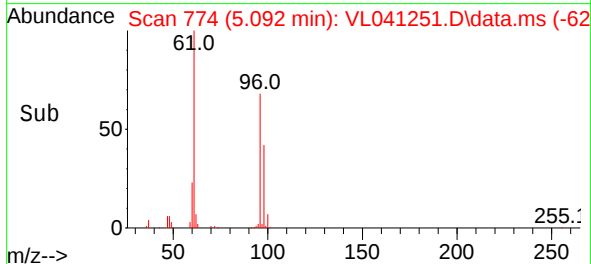
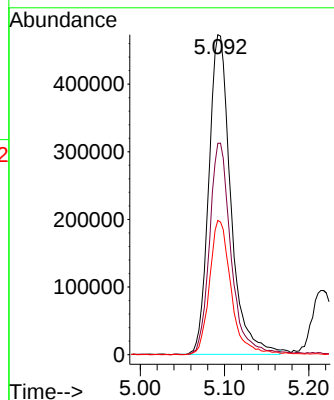
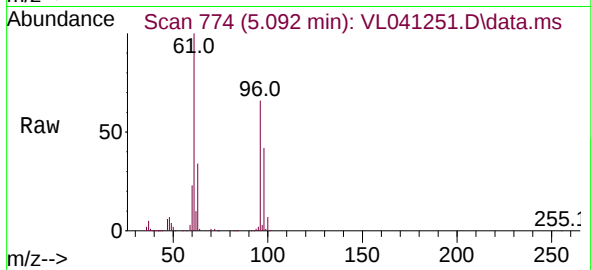




#31
 cis-1,2-Dichloroethene
 Concen: 10.727 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

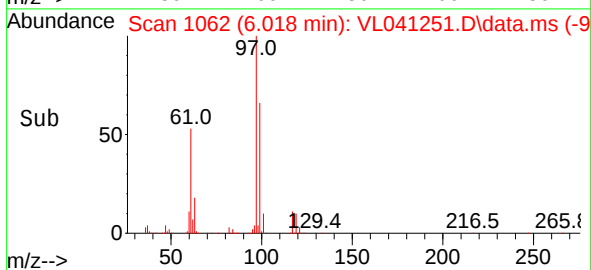
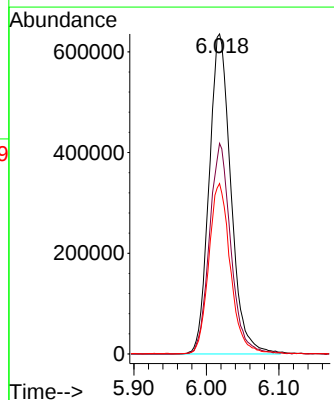
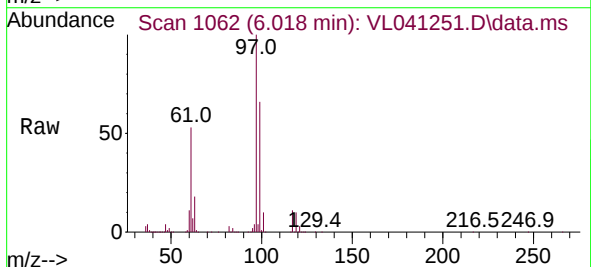
Instrument :
 MSVOA_L
 ClientSampleId :

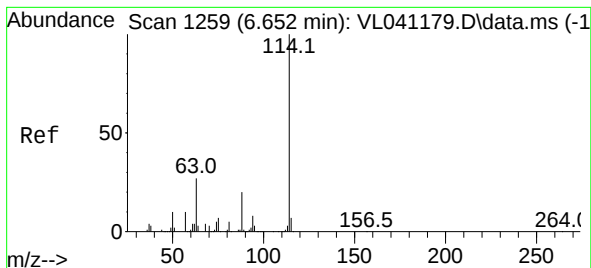
Tgt Ion: 61 Resp: 857084
 Ion Ratio Lower Upper
 61 100
 96 66.0 49.8 74.6
 98 42.0 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 11.277 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Tgt Ion: 97 Resp: 1324769
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 53.1 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.003 min

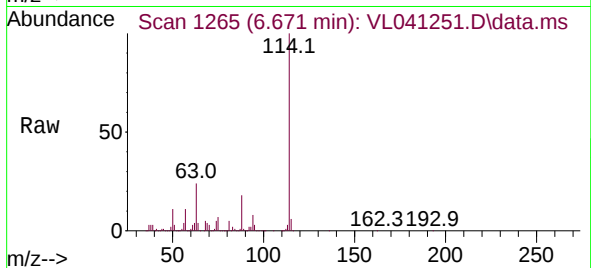
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :



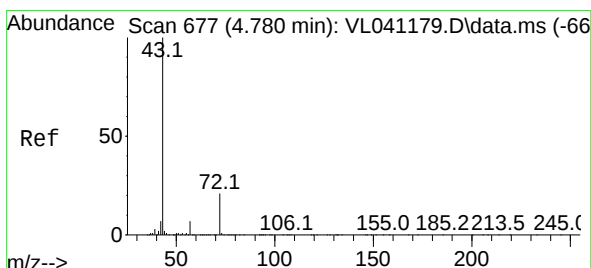
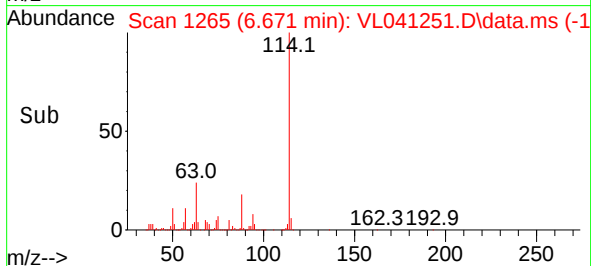
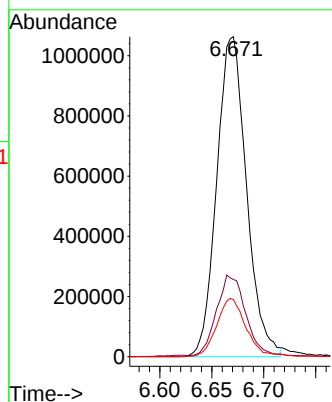
Tgt Ion:114 Resp: 2116799

Ion Ratio Lower Upper

114 100

63 25.9 21.8 32.6

88 18.0 15.2 22.8



#34

2-Butanone

Concen: 10.032 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.003 min

Lab File: VL041251.D

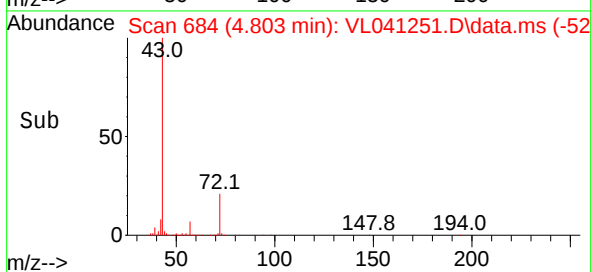
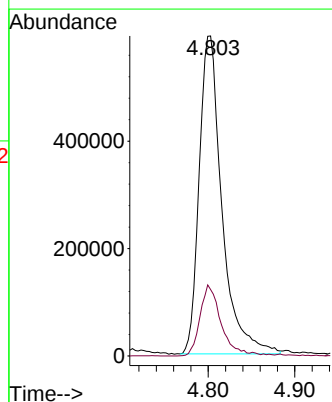
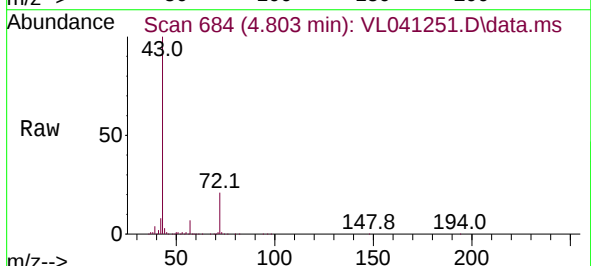
Acq: 9 May 2024 10:12

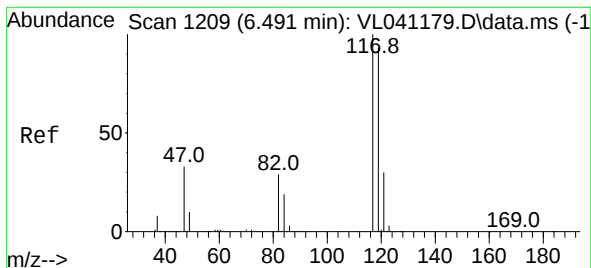
Tgt Ion: 43 Resp: 1080811

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.461 ppbv

RT: 6.507 min Scan# 117

Delta R.T. -0.003 min

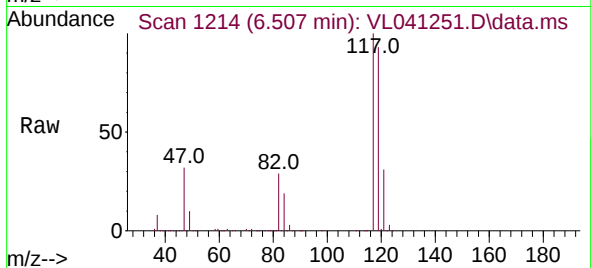
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :



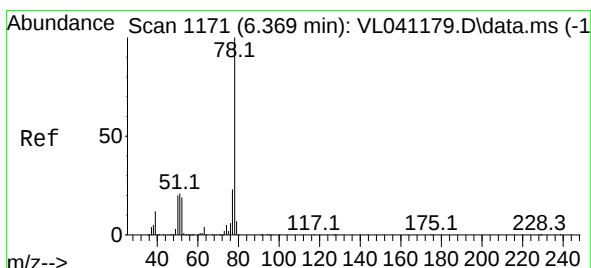
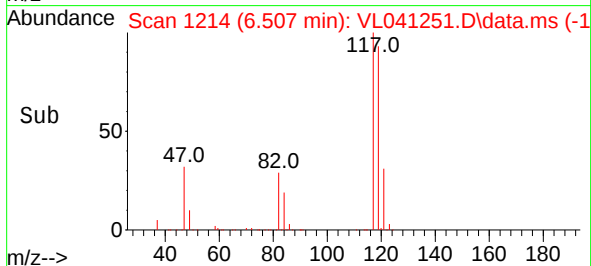
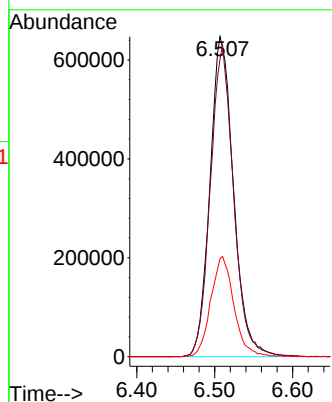
Tgt Ion:117 Resp: 1361511

Ion Ratio Lower Upper

117 100

119 93.0 74.3 111.5

121 30.6 23.8 35.8



#36

Benzene

Concen: 10.124 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

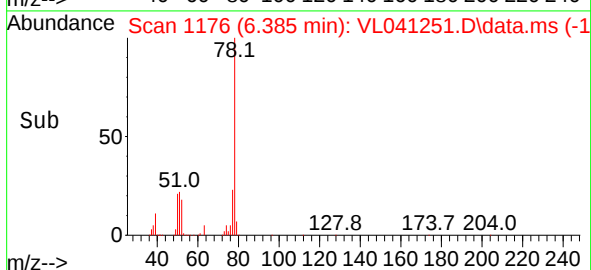
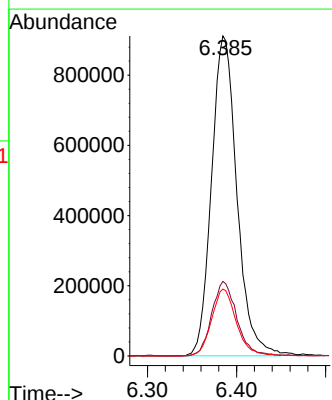
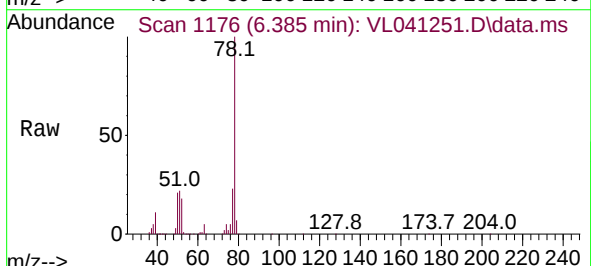
Tgt Ion: 78 Resp: 1798409

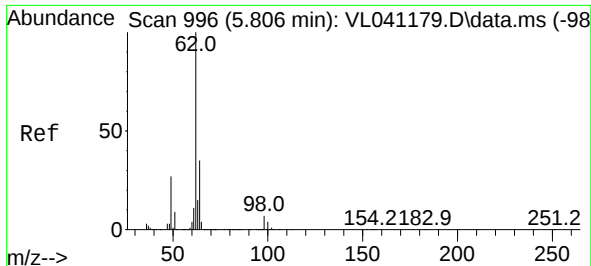
Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

50 20.9 15.9 23.9





#37

1,2-Dichloroethane

Concen: 11.202 ppbv

RT: 5.822 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

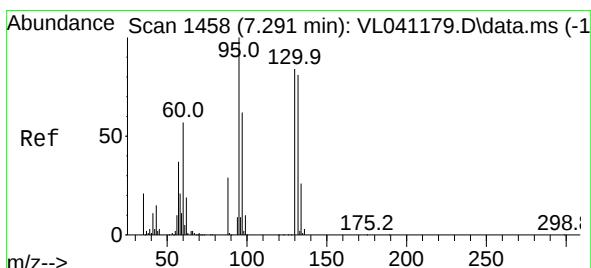
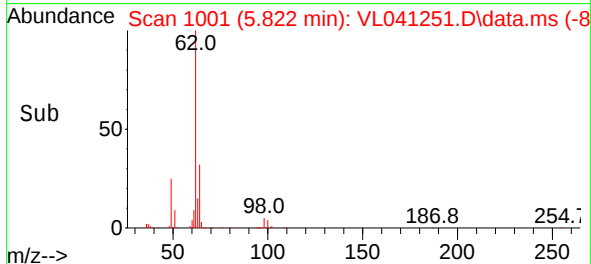
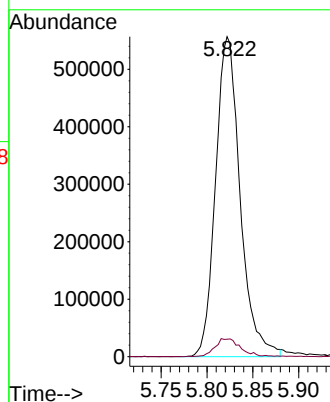
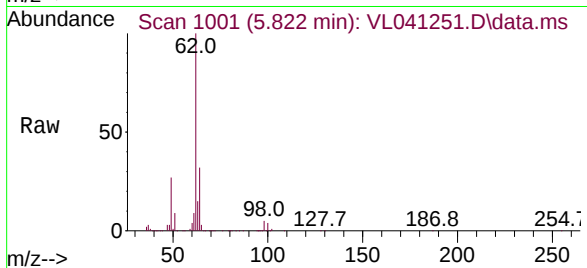
ClientSampleId :

Tgt Ion: 62 Resp: 1038219

Ion Ratio Lower Upper

62 100

98 6.1 5.0 7.4



#38

Trichloroethene

Concen: 10.512 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion:130 Resp: 695903

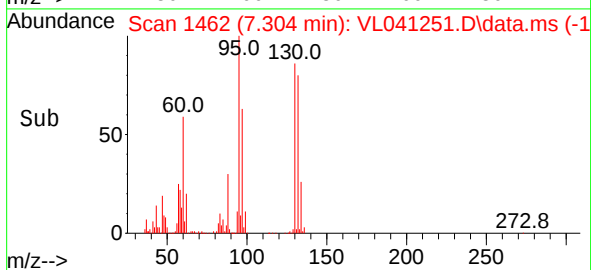
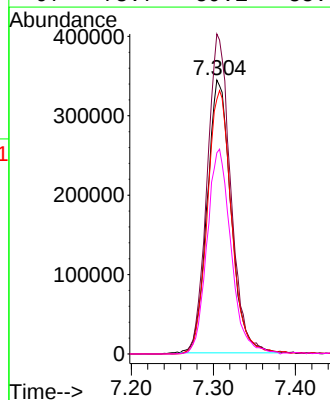
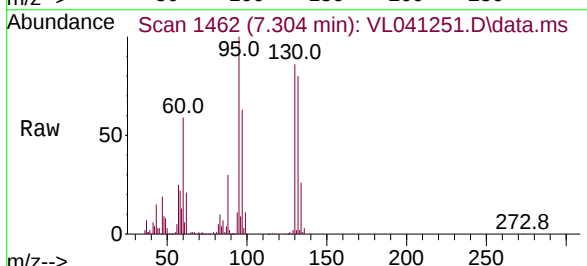
Ion Ratio Lower Upper

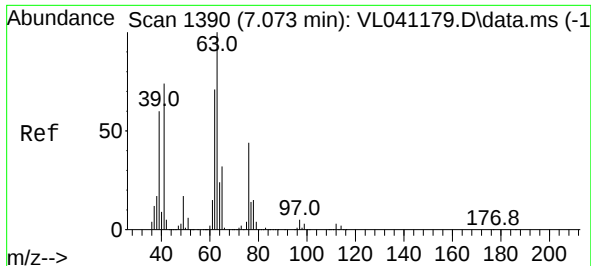
130 100

95 117.1 95.0 142.6

132 93.2 77.0 115.4

97 73.7 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.100 ppbv

RT: 7.089 min Scan# 1462

Delta R.T. -0.000 min

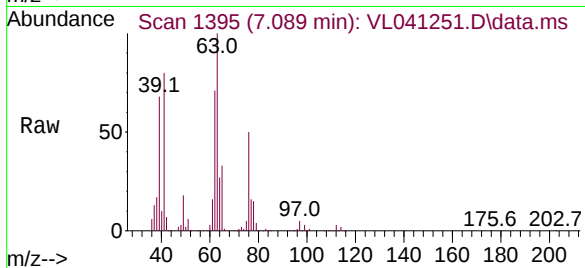
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :



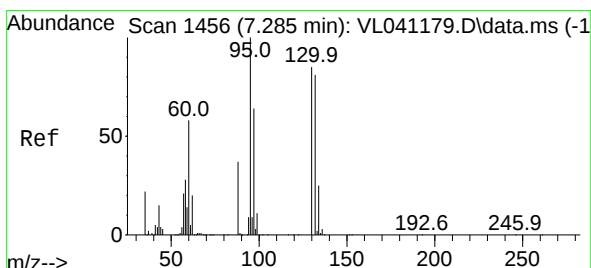
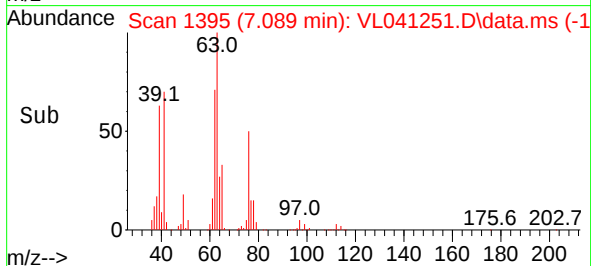
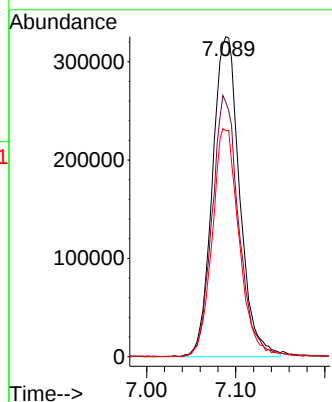
Tgt Ion: 63 Resp: 691429

Ion Ratio Lower Upper

63 100

41 79.4 59.4 89.0

62 70.6 56.8 85.2



#40

1,4-Dioxane

Concen: 5.859 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion: 88 Resp: 143287

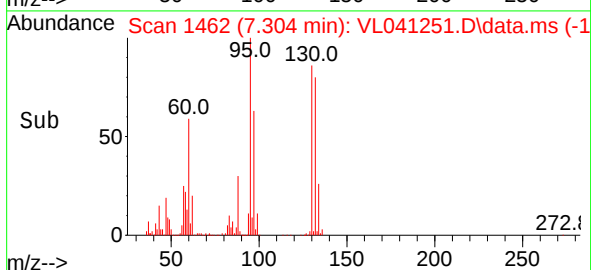
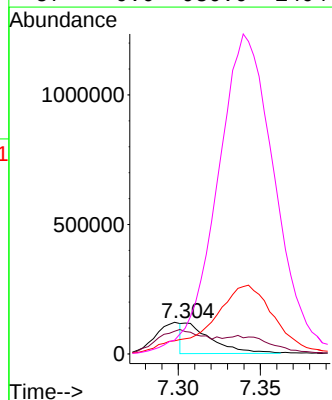
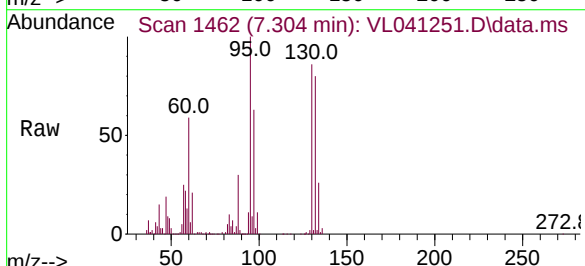
Ion Ratio Lower Upper

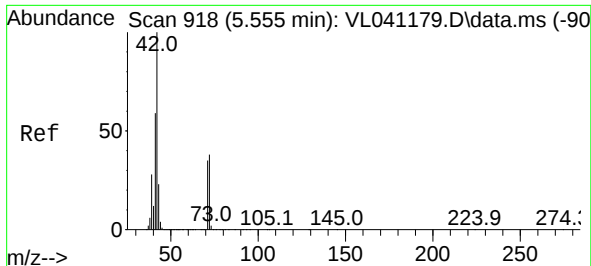
88 100

58 244.5 106.1 159.1#

43 0.0 219.8 329.6#

57 0.0 936.0 1404.0#





#41

Tetrahydrofuran

Concen: 9.730 ppbv

RT: 5.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

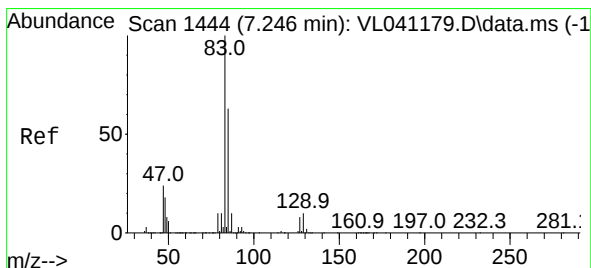
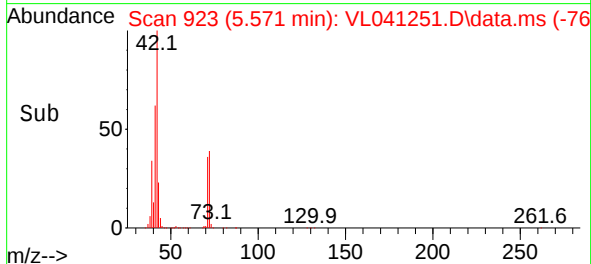
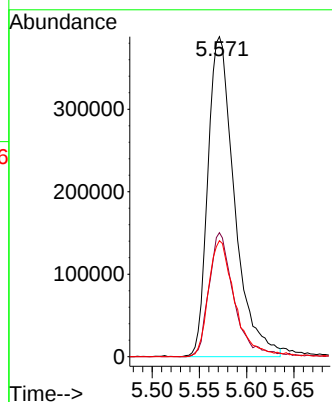
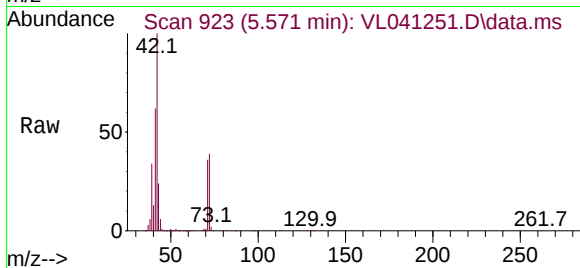
Tgt Ion: 42 Resp: 758866

Ion Ratio Lower Upper

42 100

72 36.9 29.4 44.0

71 36.6 29.1 43.7



#42

Bromodichloromethane

Concen: 11.259 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

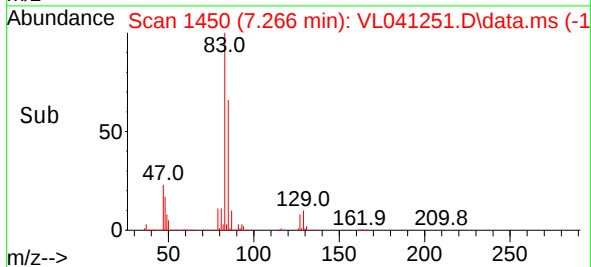
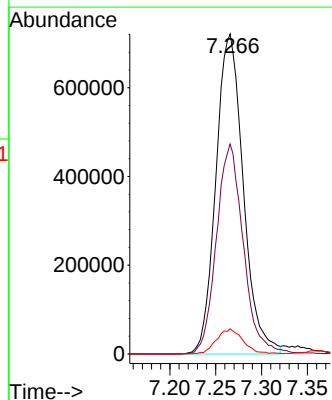
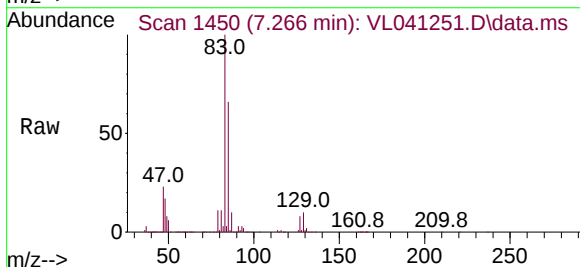
Tgt Ion: 83 Resp: 1496658

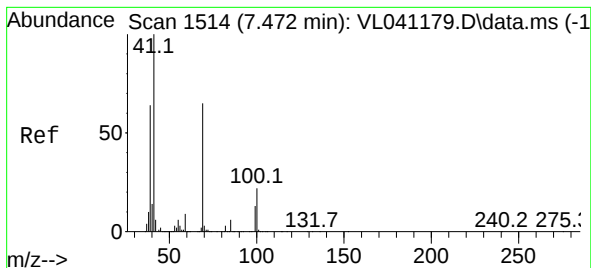
Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

127 7.9 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.128 ppbv

RT: 7.487 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

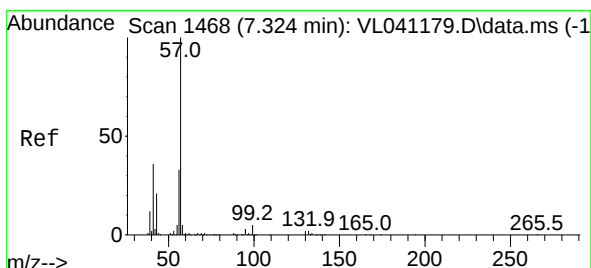
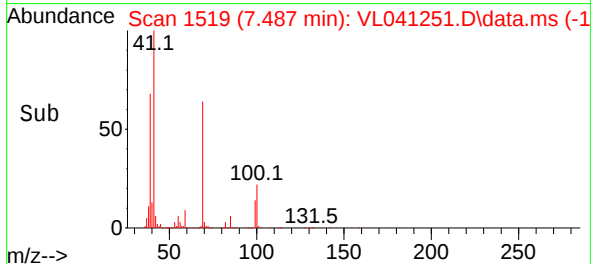
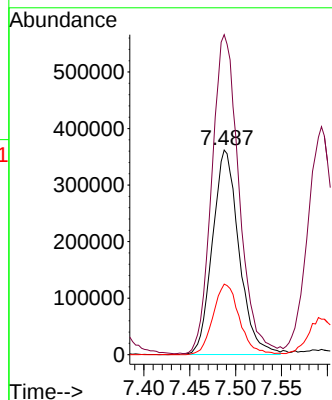
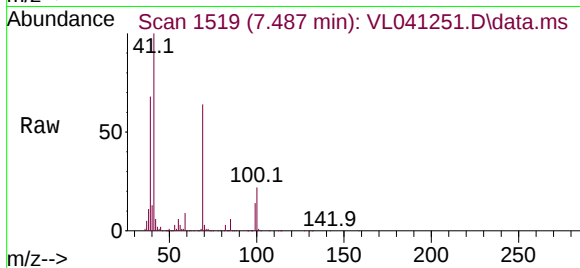
Tgt Ion: 69 Resp: 727714

Ion Ratio Lower Upper

69 100

41 160.9 125.2 187.8

100 34.4 26.7 40.1



#44

2,2,4-Trimethylpentane

Concen: 9.935 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

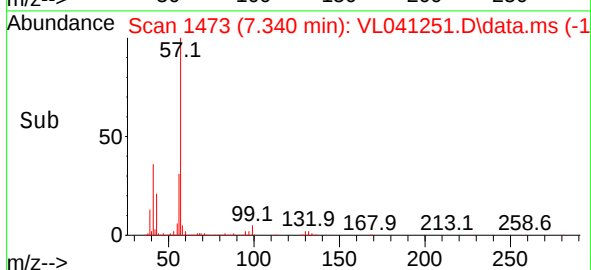
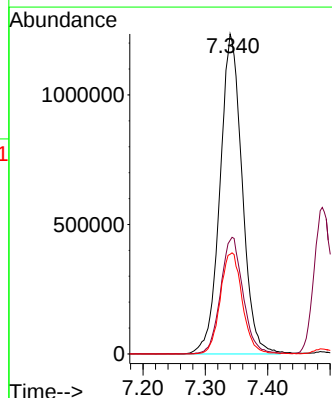
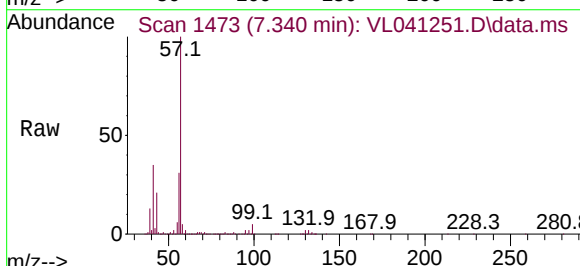
Tgt Ion: 57 Resp: 3043039

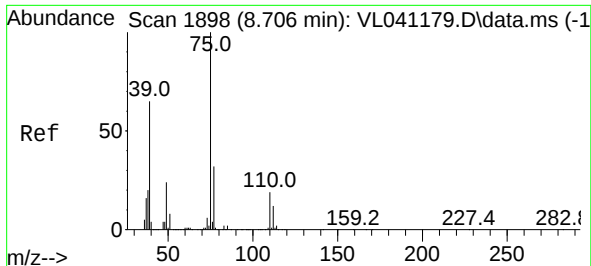
Ion Ratio Lower Upper

57 100

41 36.8 29.5 44.3

56 31.6 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.831 ppbv

RT: 8.725 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

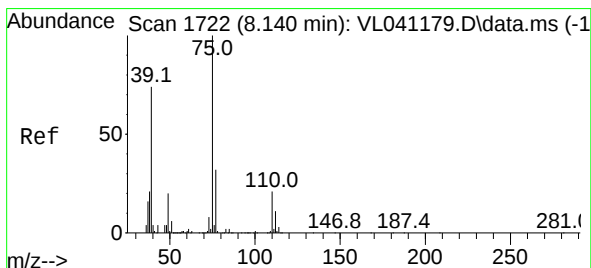
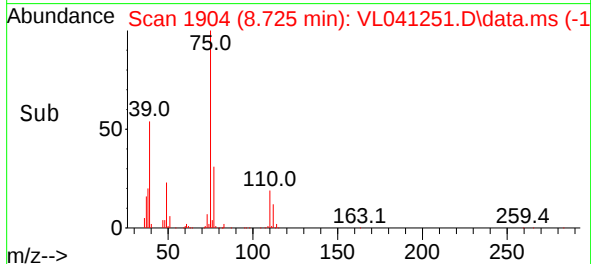
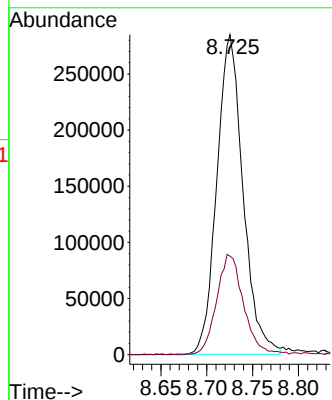
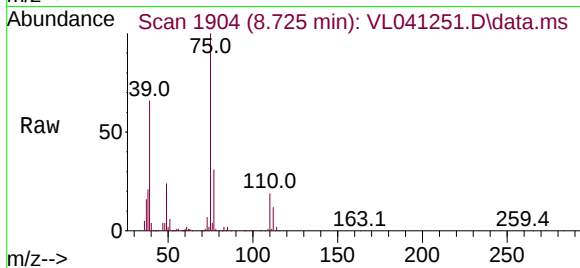
ClientSampleId :

Tgt Ion: 75 Resp: 563904

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 10.490 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

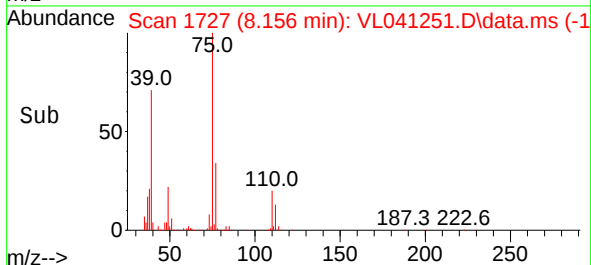
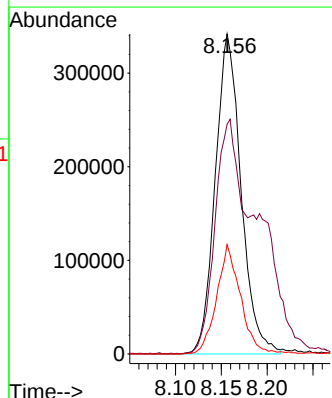
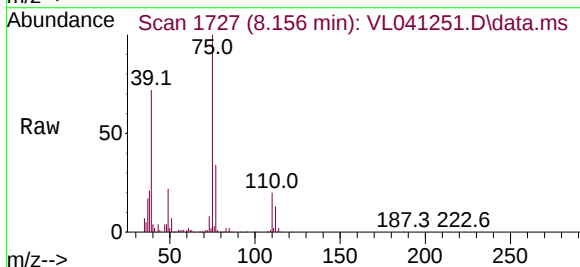
Tgt Ion: 75 Resp: 668653

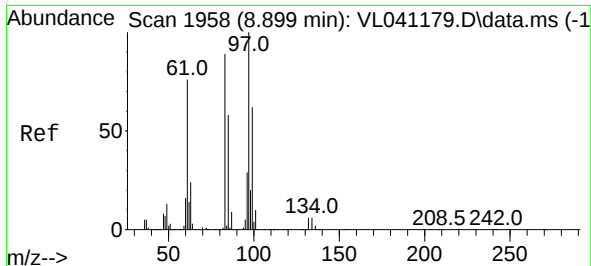
Ion Ratio Lower Upper

75 100

39 71.6 59.4 89.2

77 34.2 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.682 ppbv

RT: 8.915 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 731971

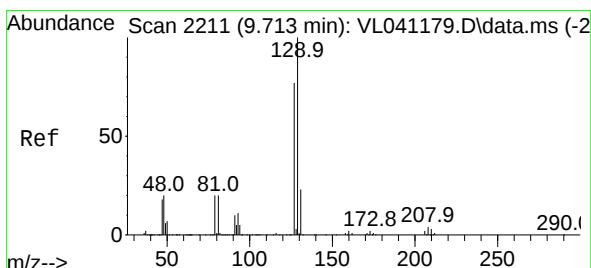
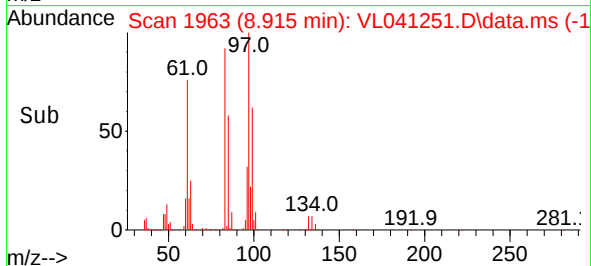
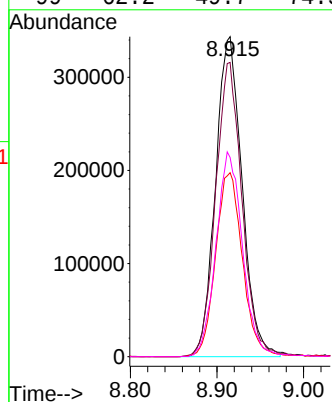
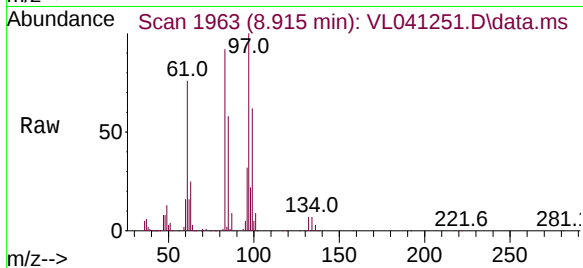
Ion Ratio Lower Upper

97 100

83 91.9 71.2 106.8

85 57.5 46.0 69.0

99 62.2 49.7 74.5



#48

Dibromochloromethane

Concen: 11.684 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. -0.000 min

Lab File: VL041251.D

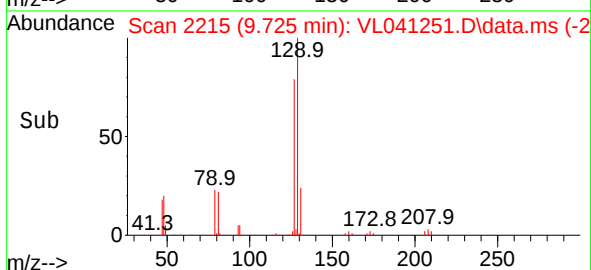
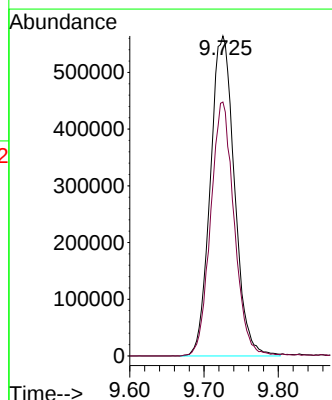
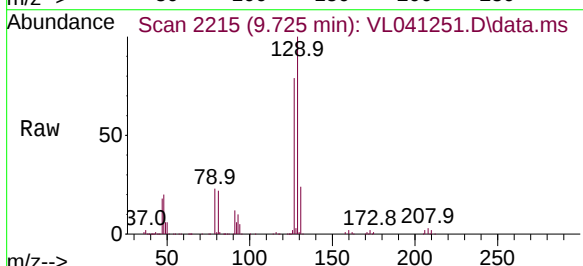
Acq: 9 May 2024 10:12

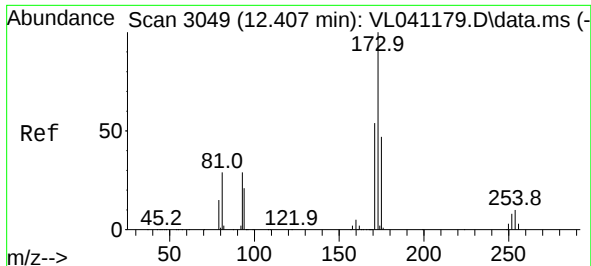
Tgt Ion: 129 Resp: 1275686

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.5





#49

Bromoform

Concen: 11.163 ppbv

RT: 12.420 min Scan# 3049

Delta R.T. -0.000 min

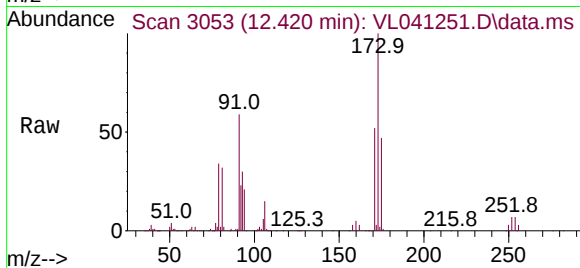
Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :



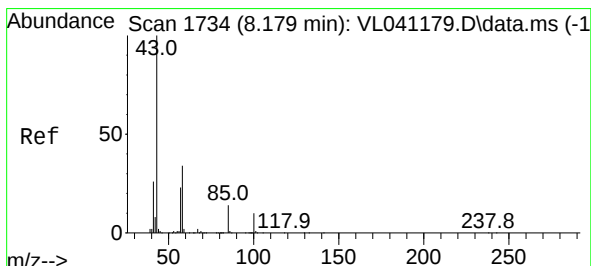
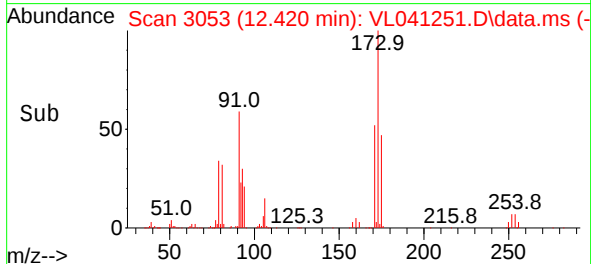
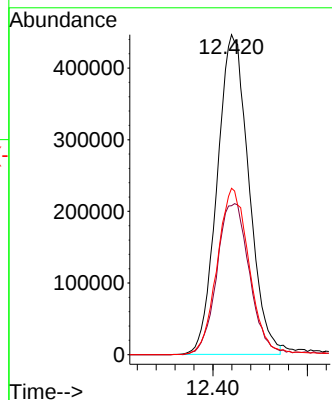
Tgt Ion:173 Resp: 1036827

Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

171 53.1 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.777 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. -0.000 min

Lab File: VL041251.D

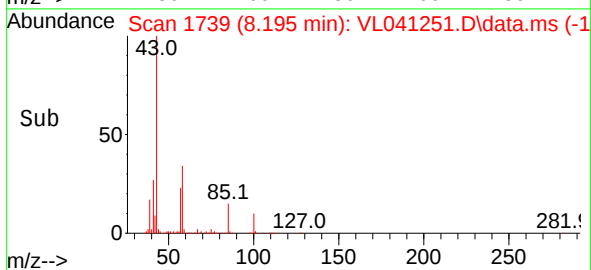
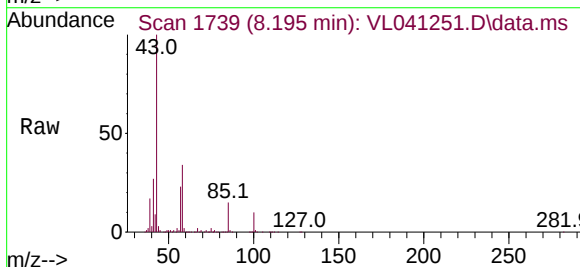
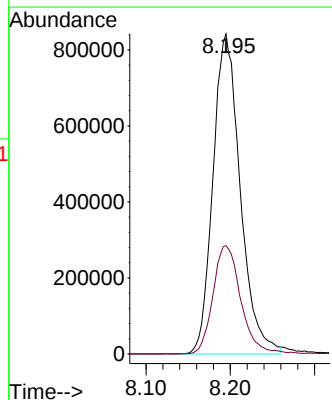
Acq: 9 May 2024 10:12

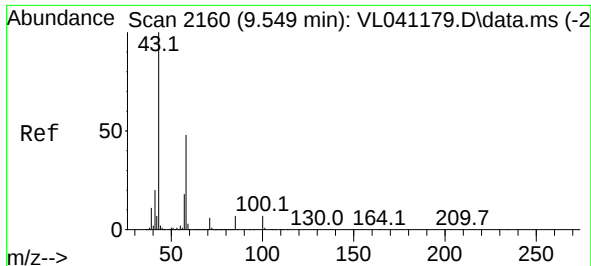
Tgt Ion: 43 Resp: 1890320

Ion Ratio Lower Upper

43 100

58 34.8 27.7 41.5

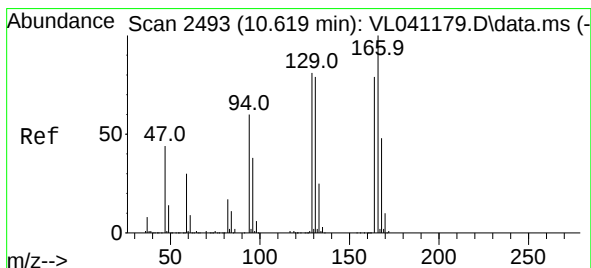
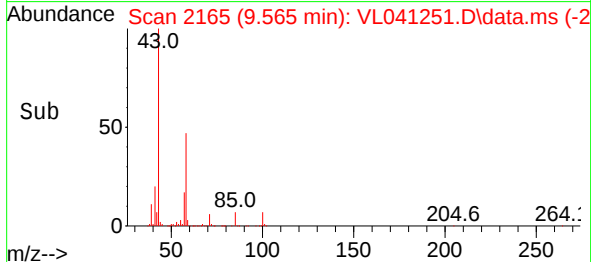
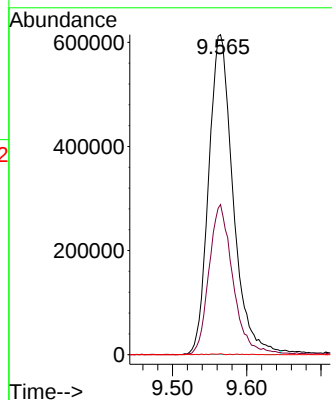
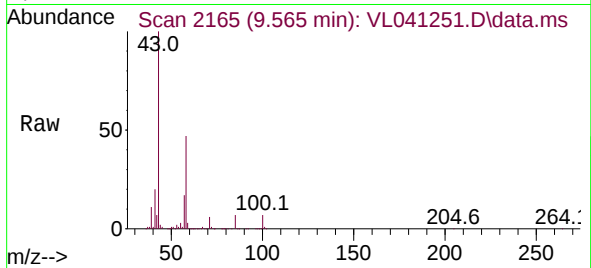




#51
2-Hexanone
Concen: 9.760 ppbv
RT: 9.565 min Scan# 2160
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

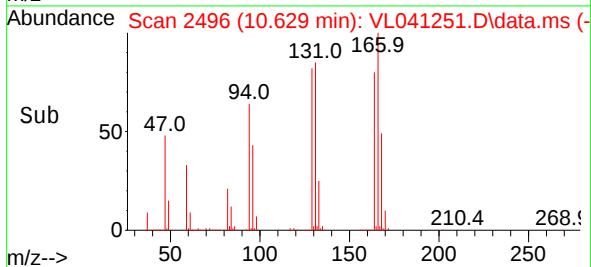
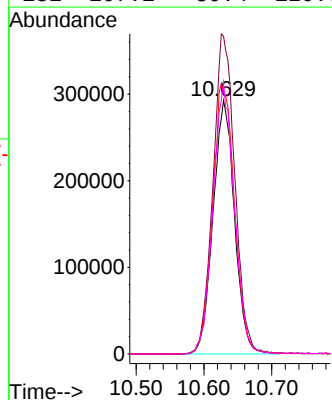
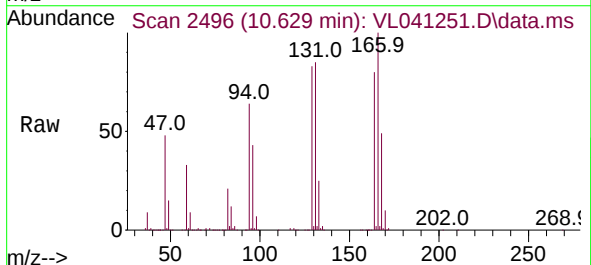
Instrument :
MSVOA_L
ClientSampleId :

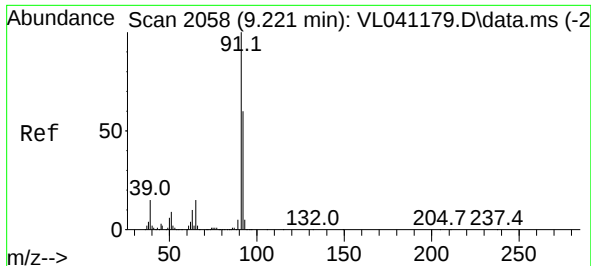
Tgt Ion: 43 Resp: 1399805
Ion Ratio Lower Upper
43 100
58 46.9 38.4 57.6
98 0.2 0.0 0.0#



#52
Tetrachloroethene
Concen: 10.299 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion:164 Resp: 643008
Ion Ratio Lower Upper
164 100
166 125.4 101.1 151.7
129 103.5 81.7 122.5
131 107.1 80.4 120.6





#53

Toluene

Concen: 10.283 ppbv

RT: 9.233 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

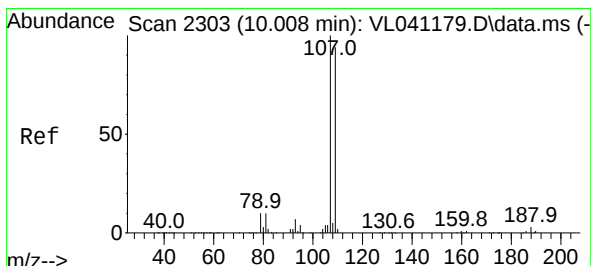
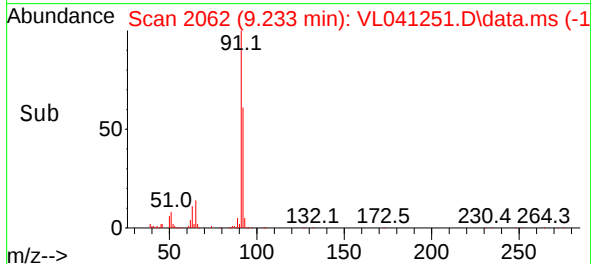
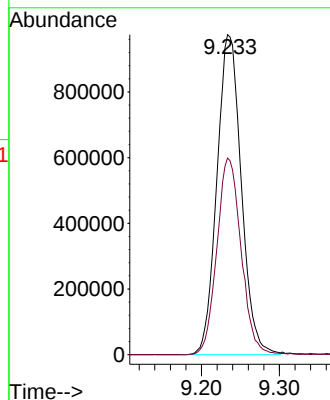
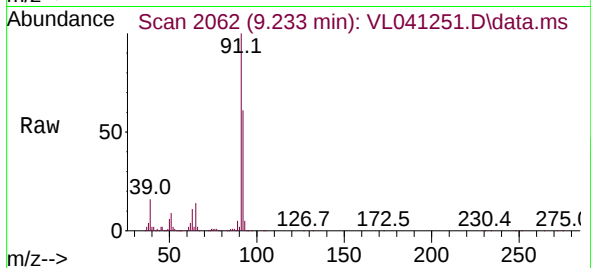
ClientSampleId :

Tgt Ion: 91 Resp: 2118061

Ion Ratio Lower Upper

91 100

92 61.4 48.2 72.4



#54

1,2-Dibromoethane

Concen: 11.251 ppbv

RT: 10.024 min Scan# 2308

Delta R.T. 0.003 min

Lab File: VL041251.D

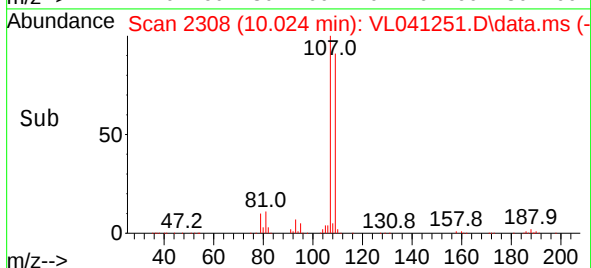
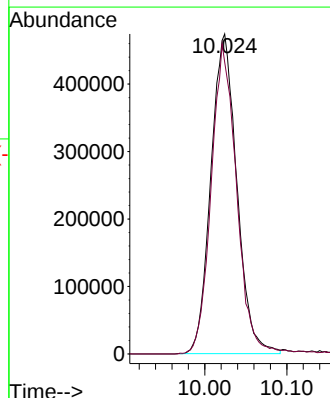
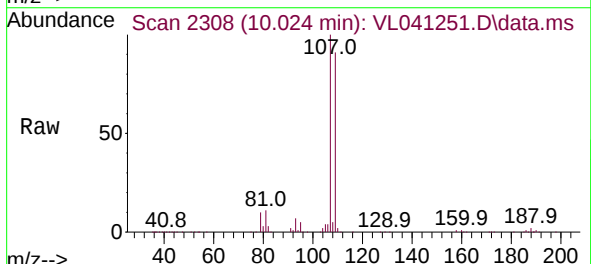
Acq: 9 May 2024 10:12

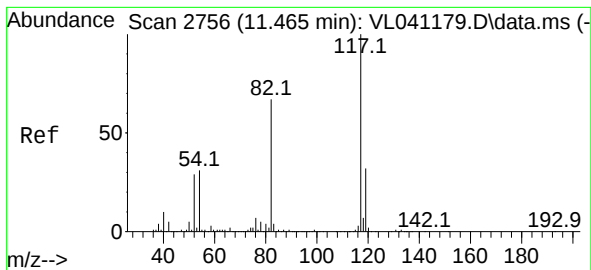
Tgt Ion:107 Resp: 1044164

Ion Ratio Lower Upper

107 100

109 91.0 75.2 112.8

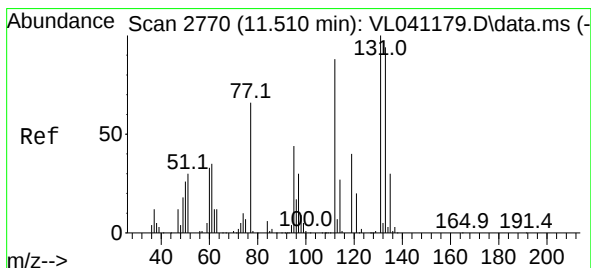
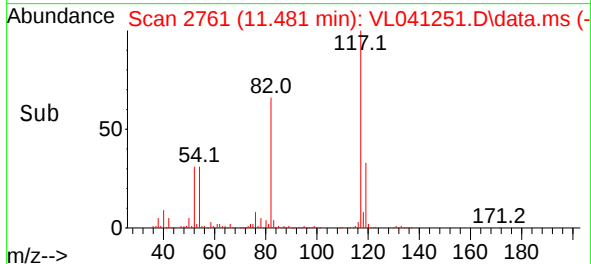
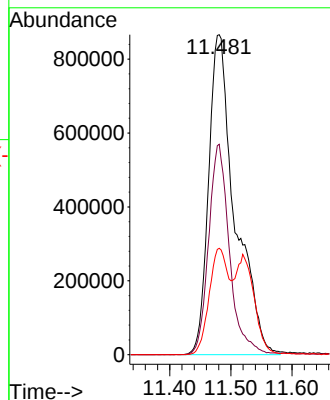
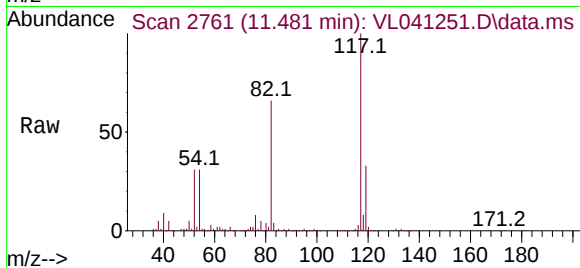




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

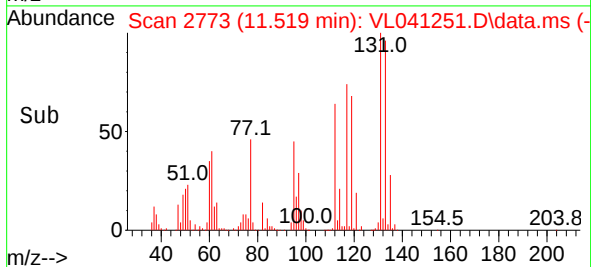
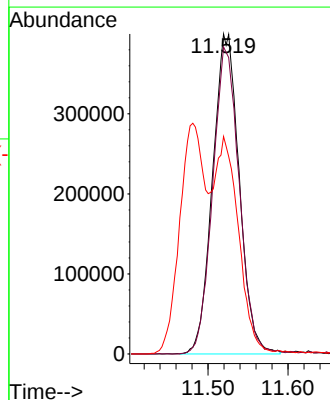
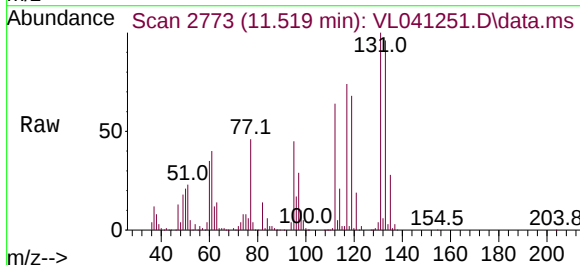
Instrument :
MSVOA_L
ClientSampleId :

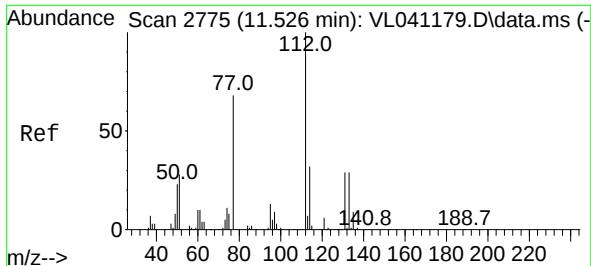
Tgt Ion:117 Resp: 2602053
Ion Ratio Lower Upper
117 100
82 52.4 53.6 80.4#
119 27.3 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 8.771 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion:131 Resp: 925392
Ion Ratio Lower Upper
131 100
133 95.8 76.3 114.5
119 57.0 49.4 74.2





#57

Chlorobenzene

Concen: 8.355 ppbv

RT: 11.539 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

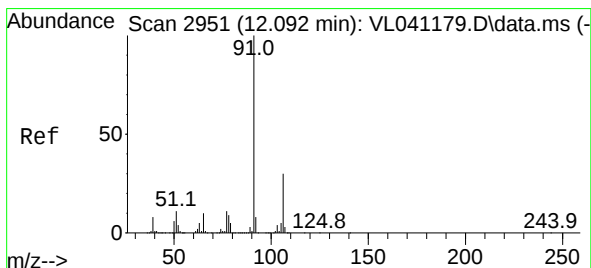
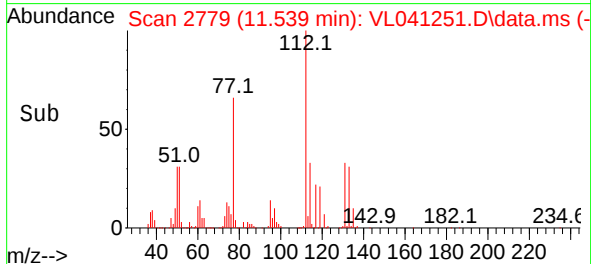
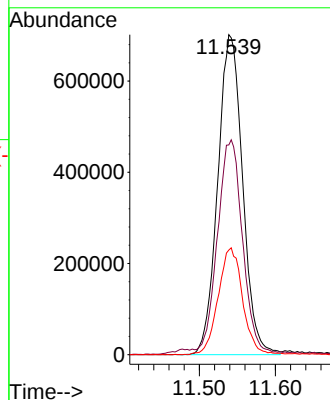
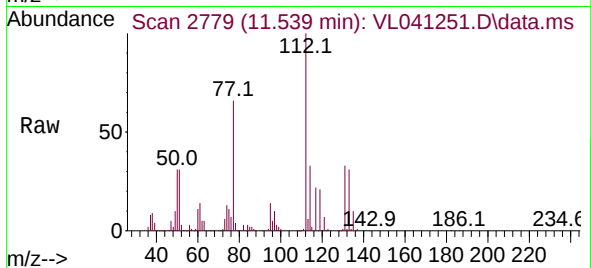
Tgt Ion:112 Resp: 1592229

Ion Ratio Lower Upper

112 100

77 64.6 54.9 82.3

114 32.6 28.7 35.1



#58

Ethyl Benzene

Concen: 7.976 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VL041251.D

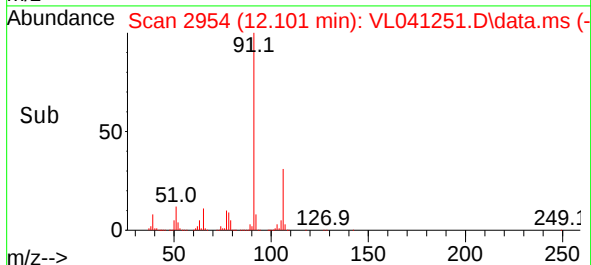
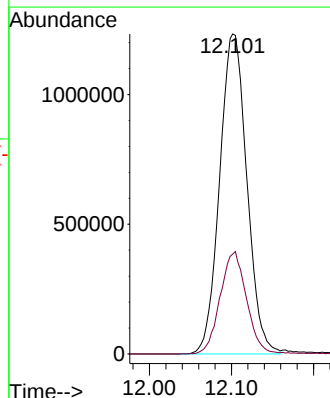
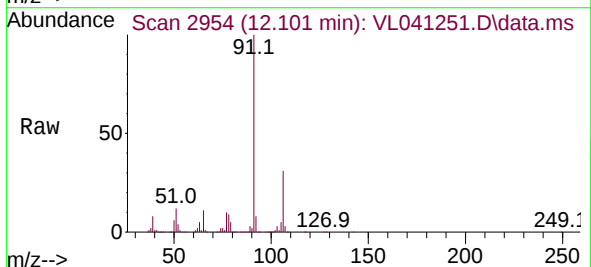
Acq: 9 May 2024 10:12

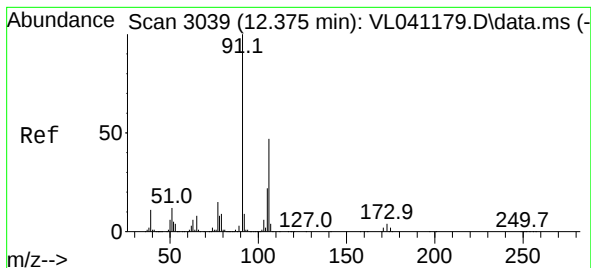
Tgt Ion: 91 Resp: 2845672

Ion Ratio Lower Upper

91 100

106 31.2 24.3 36.5





#59

m/p-Xylene

Concen: 8.485 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

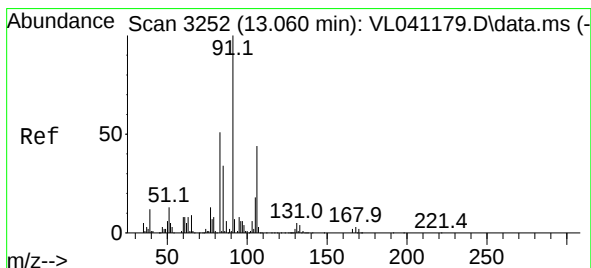
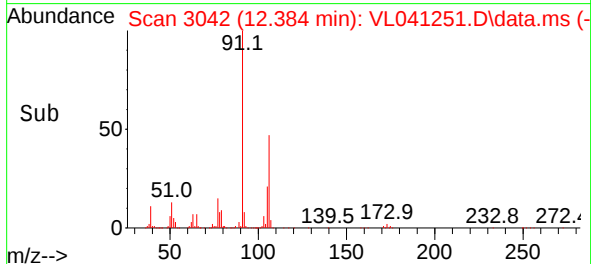
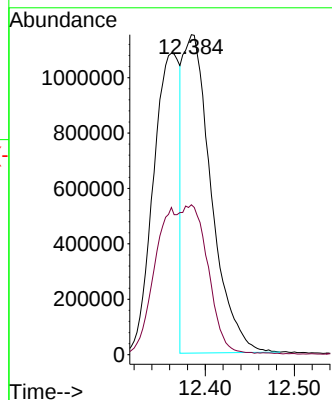
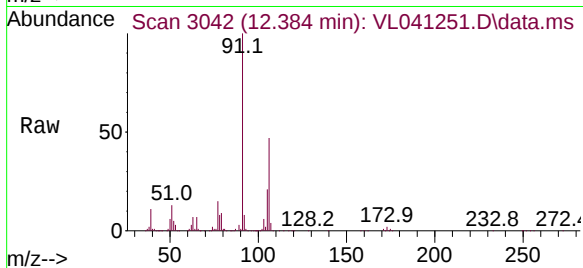
ClientSampleId :

Tgt Ion: 91 Resp: 2544273

Ion Ratio Lower Upper

91 100

106 85.0 35.7 53.5#



#60

o-Xylene

Concen: 8.097 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VL041251.D

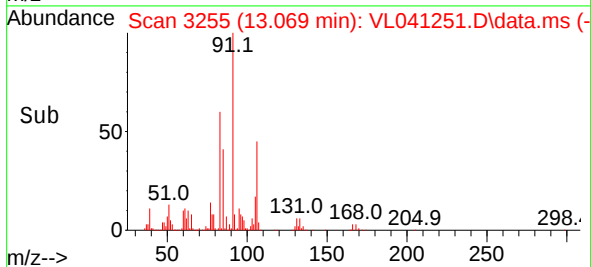
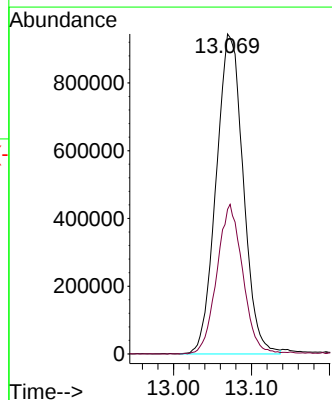
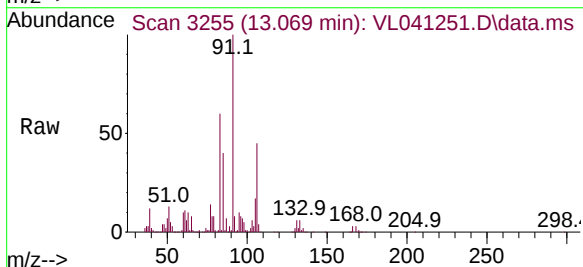
Acq: 9 May 2024 10:12

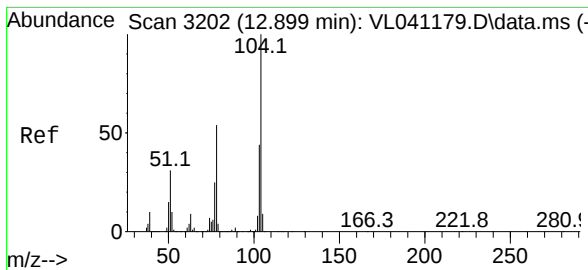
Tgt Ion: 91 Resp: 2276108

Ion Ratio Lower Upper

91 100

106 45.1 22.4 67.3

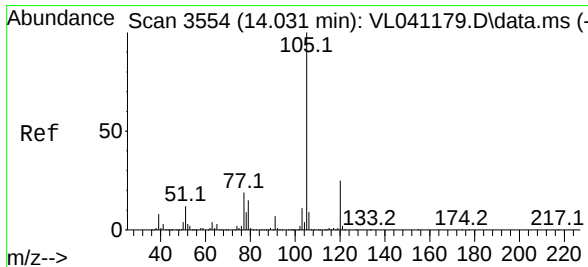
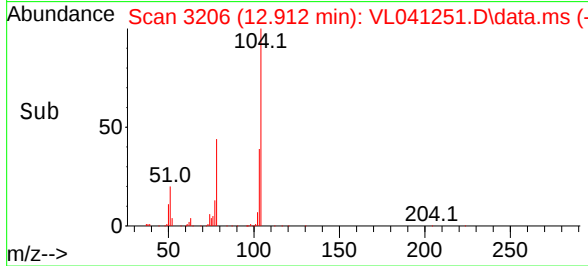
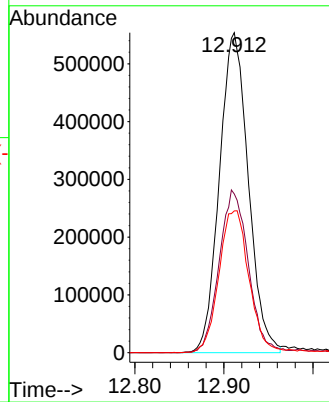
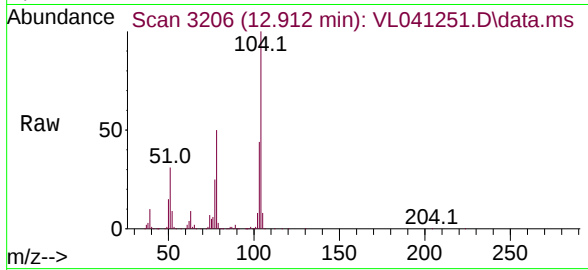




#61
Styrene
Concen: 8.403 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

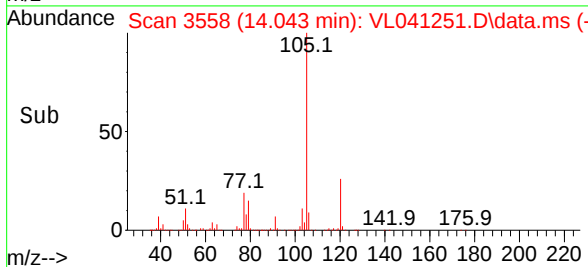
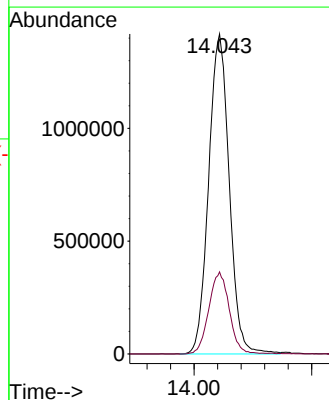
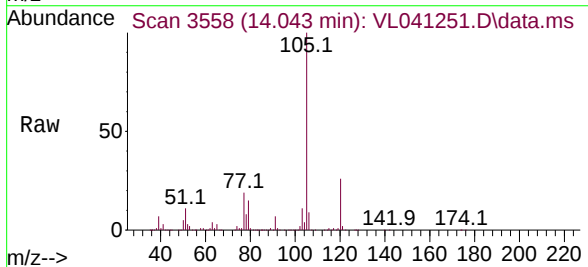
Instrument :
MSVOA_L
ClientSampleId :

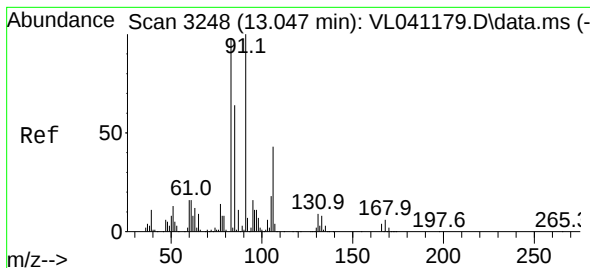
Tgt Ion:104 Resp: 1247685
Ion Ratio Lower Upper
104 100
78 52.1 42.6 63.8
103 46.8 38.4 57.6



#62
Isopropylbenzene
Concen: 8.188 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. -0.000 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion:105 Resp: 3442394
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 8.432 ppbv

RT: 13.060 min Scan# 31

Delta R.T. -0.000 min MSVOA_L

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

ClientSampleId :

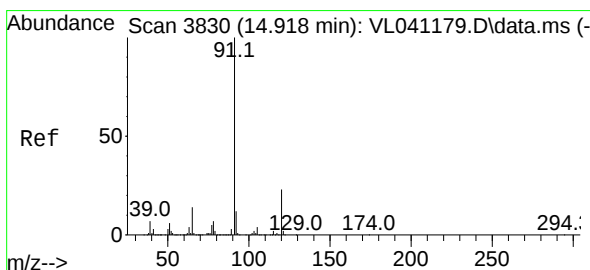
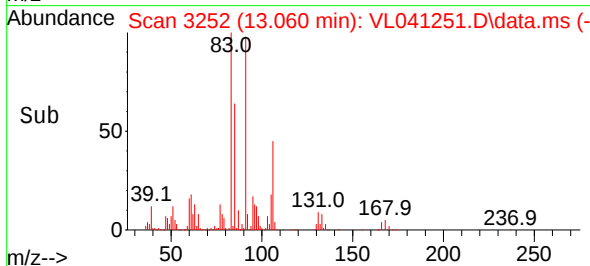
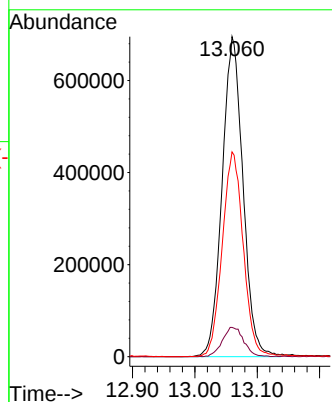
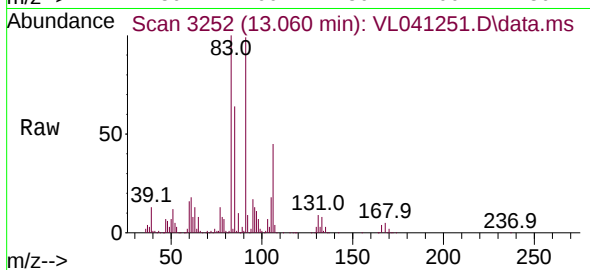
Tgt Ion: 83 Resp: 1615637

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.5

85 65.1 32.7 98.1



#64

n-propylbenzene

Concen: 8.542 ppbv

RT: 14.931 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VL041251.D

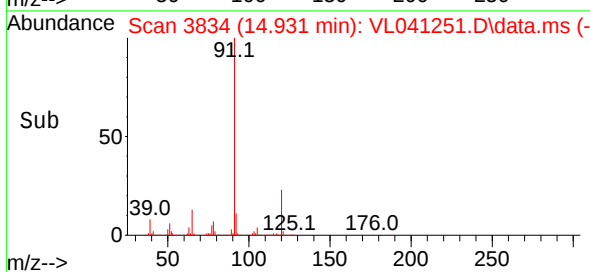
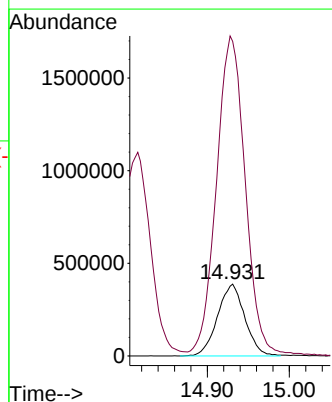
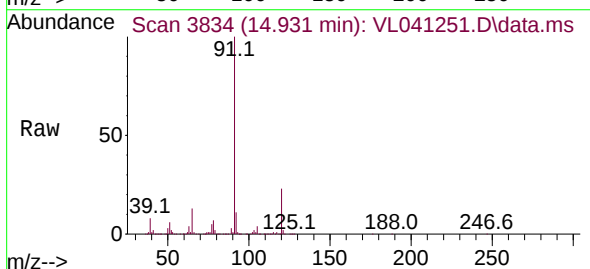
Acq: 9 May 2024 10:12

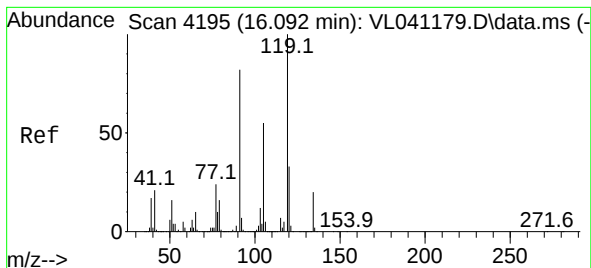
Tgt Ion:120 Resp: 895978

Ion Ratio Lower Upper

120 100

91 473.9 384.8 577.2





#65

tert-Butylbenzene

Concen: 7.973 ppbv

RT: 16.104 min Scan# 4195

Delta R.T. 0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

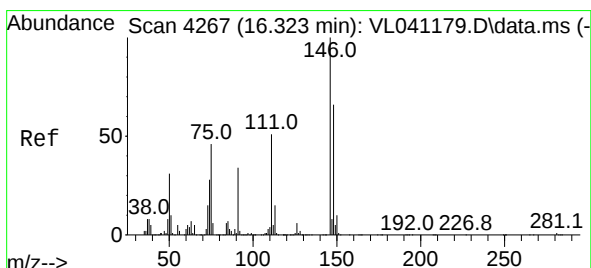
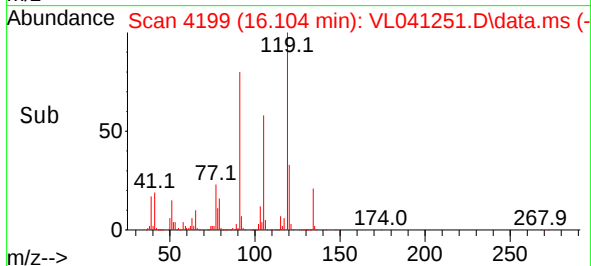
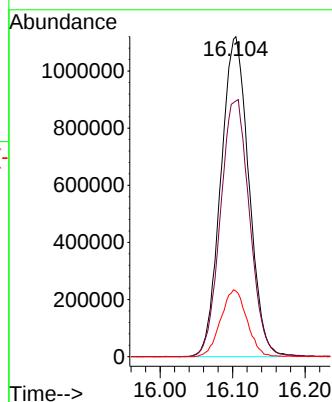
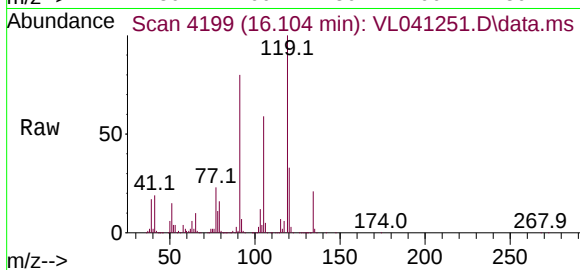
Tgt Ion:119 Resp: 3002315

Ion Ratio Lower Upper

119 100

91 83.5 67.0 100.4

134 19.7 15.2 22.8



#66

Benzyl Chloride

Concen: 5.468 ppbv

RT: 16.342 min Scan# 4273

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

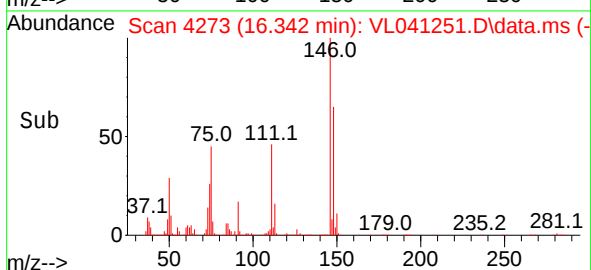
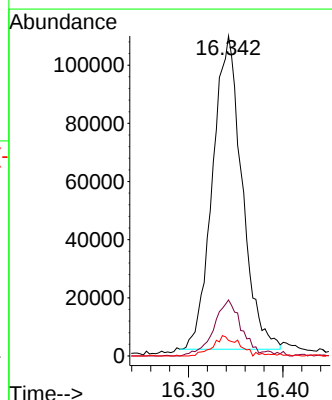
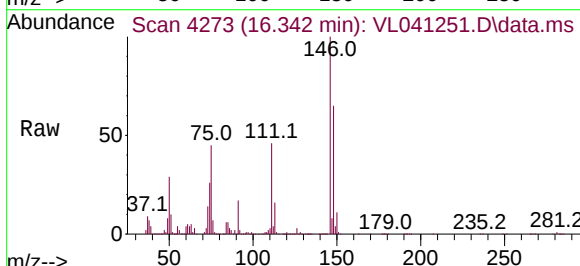
Tgt Ion: 91 Resp: 233084

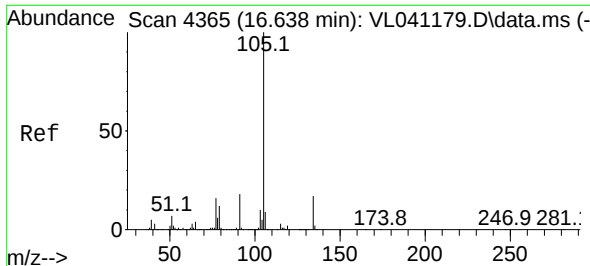
Ion Ratio Lower Upper

91 100

126 17.7 14.6 21.8

128 6.1 4.7 7.1

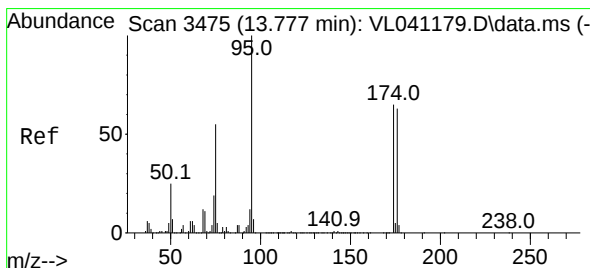
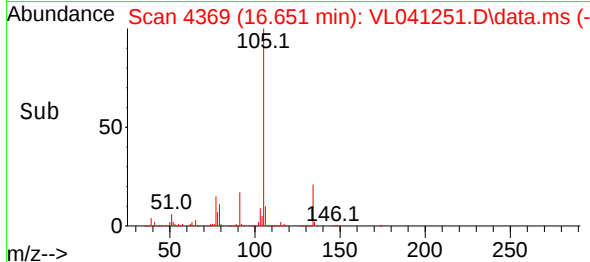
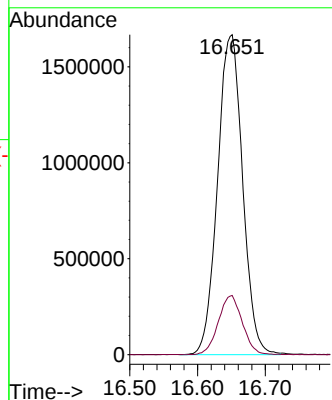
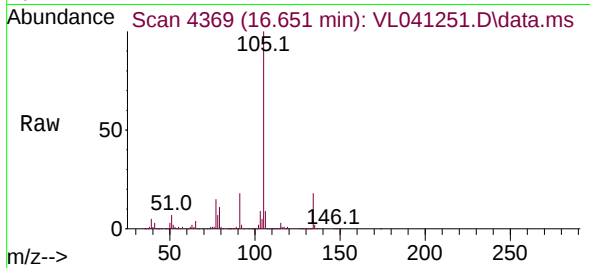




#67
 sec-Butylbenzene
 Concen: 8.073 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

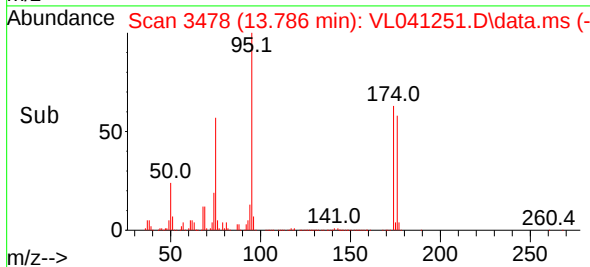
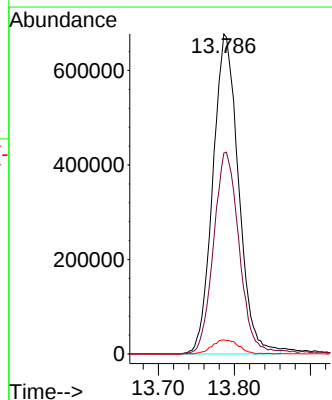
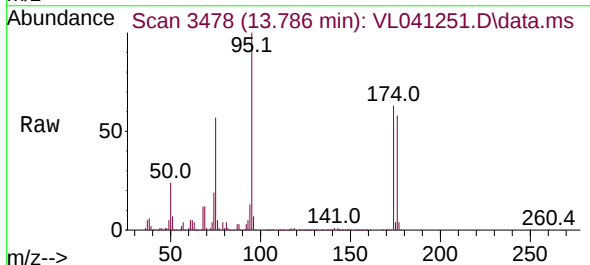
Instrument :
 MSVOA_L
 ClientSampleId :

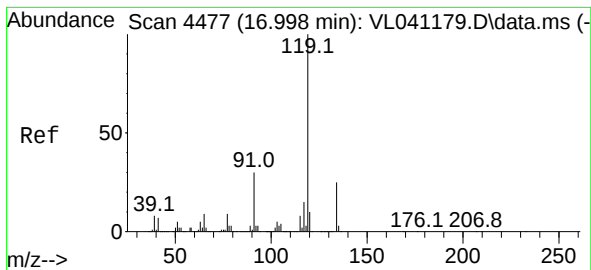
Tgt Ion:105 Resp: 4279753
 Ion Ratio Lower Upper
 105 100
 134 17.7 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.092 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Tgt Ion: 95 Resp: 1589577
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.6 80.4
 175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.131 ppbv

RT: 17.008 min Scan# 4477

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

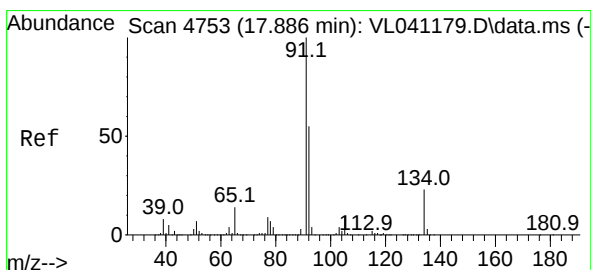
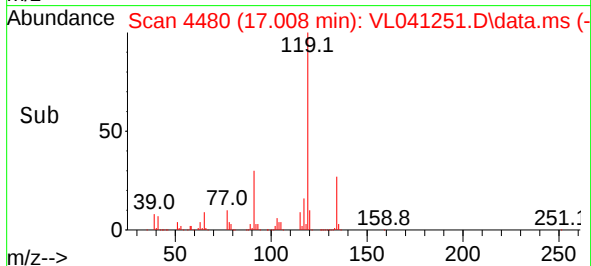
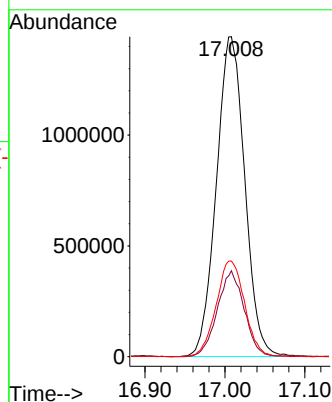
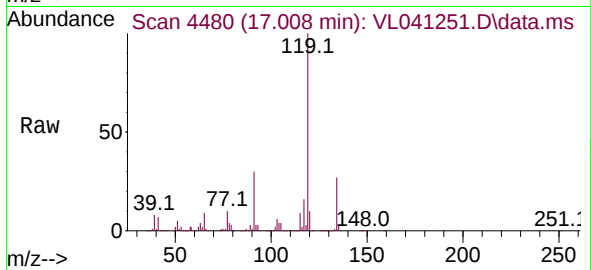
Tgt Ion:119 Resp: 3552123

Ion Ratio Lower Upper

119 100

134 25.5 20.1 30.1

91 30.1 24.2 36.2



#70

n-Butylbenzene

Concen: 8.182 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. -0.000 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

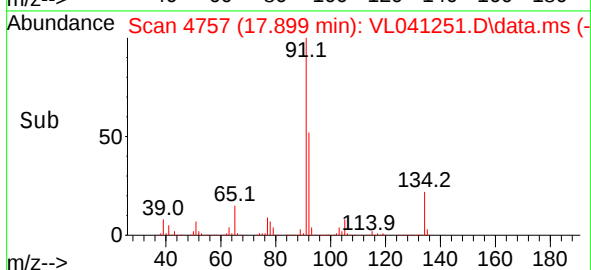
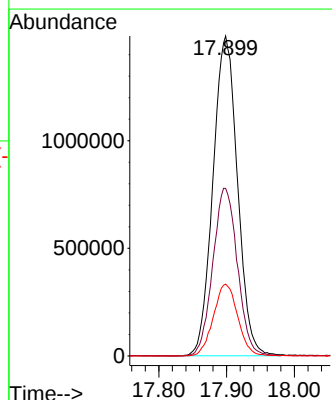
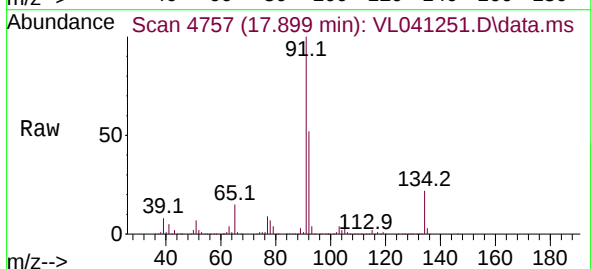
Tgt Ion: 91 Resp: 3733108

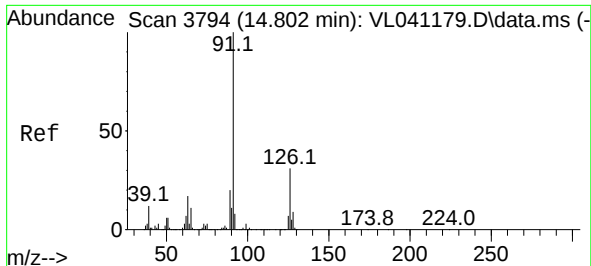
Ion Ratio Lower Upper

91 100

92 52.7 43.3 64.9

134 22.4 17.8 26.8

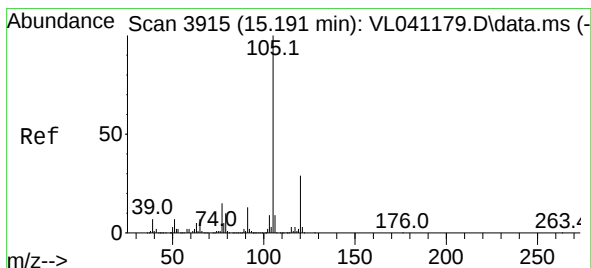
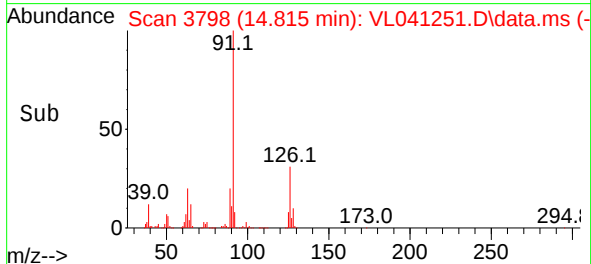
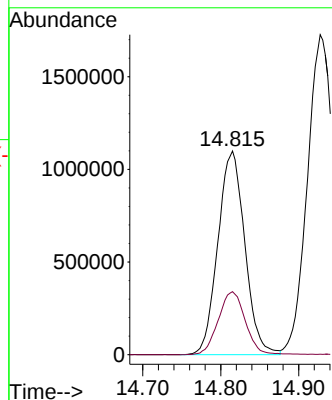
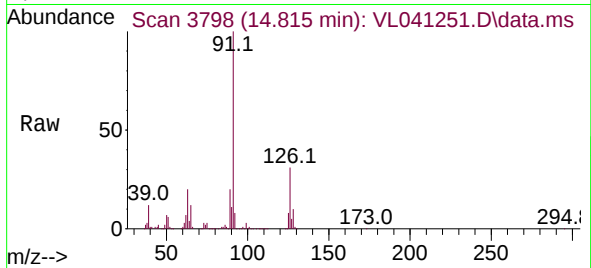




#71
2-Chlorotoluene
Concen: 8.241 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

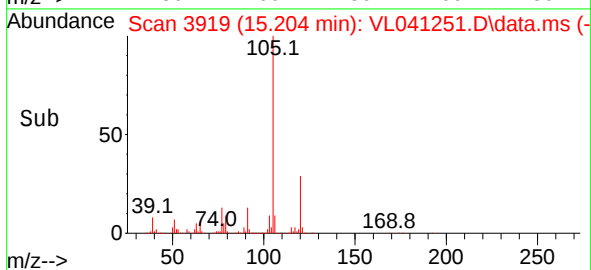
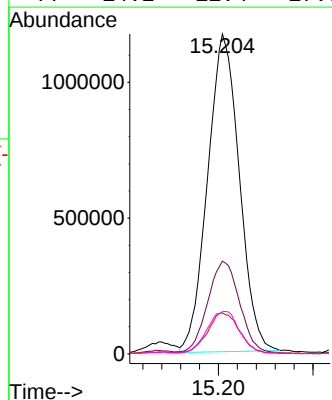
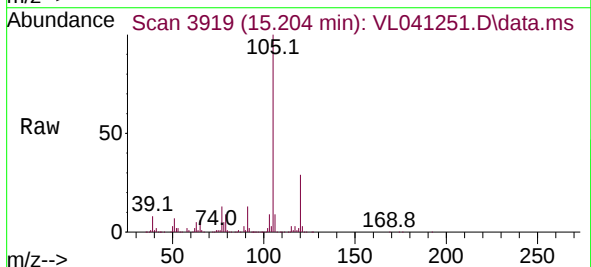
Instrument :
MSVOA_L
ClientSampleId :

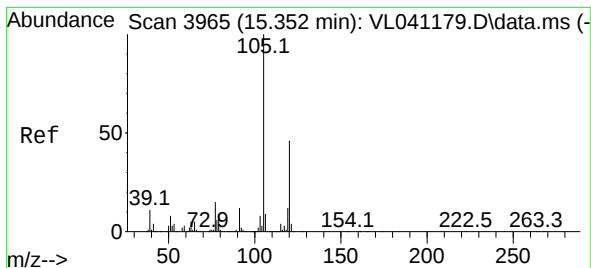
Tgt Ion: 91 Resp: 2638093
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8



#72
4-Ethyltoluene
Concen: 8.538 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion:105 Resp: 2718402
Ion Ratio Lower Upper
105 100
120 31.1 24.7 37.1
91 13.4 10.3 15.5
77 14.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 8.292 ppbv

RT: 15.362 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

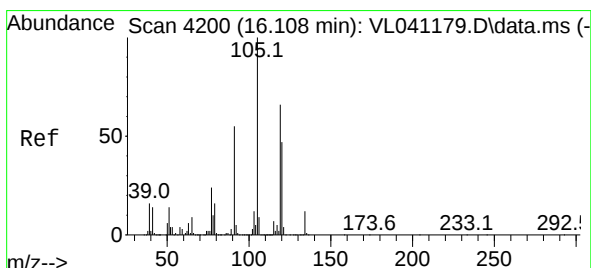
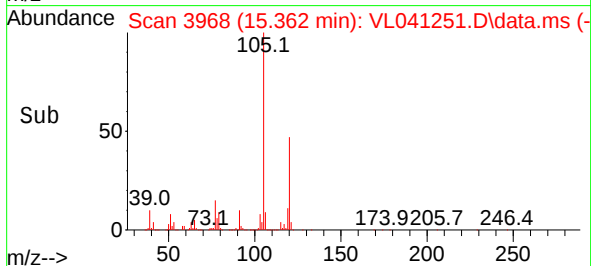
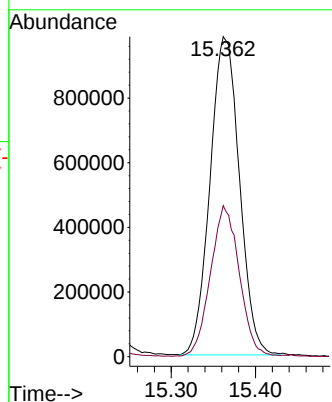
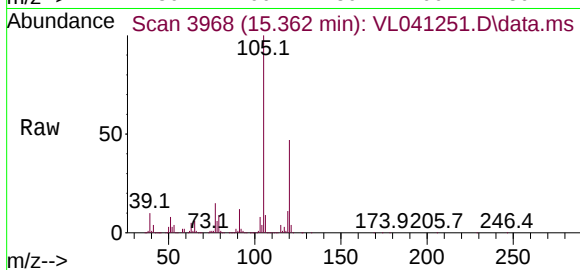
ClientSampleId :

Tgt Ion:105 Resp: 2388569

Ion Ratio Lower Upper

105 100

120 47.3 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 8.259 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Tgt Ion:105 Resp: 2598398

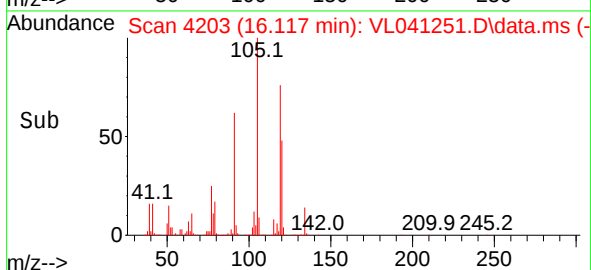
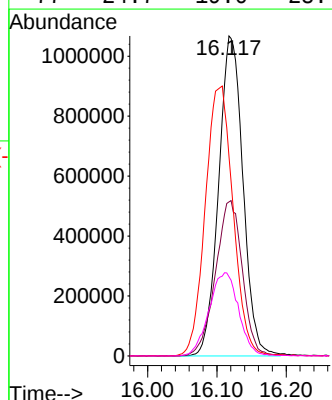
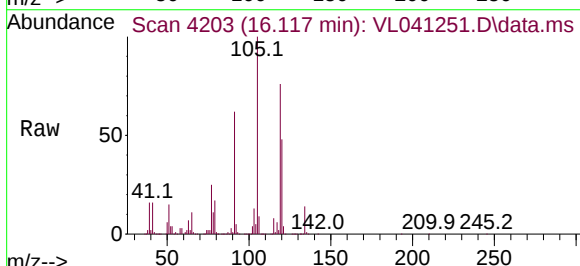
Ion Ratio Lower Upper

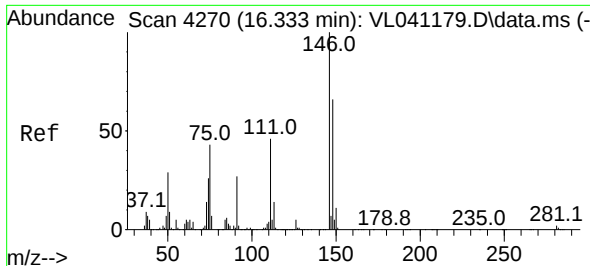
105 100

120 48.1 37.8 56.6

91 61.8 44.3 66.5

77 24.7 19.0 28.4

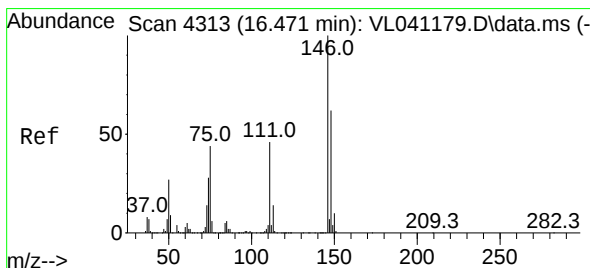
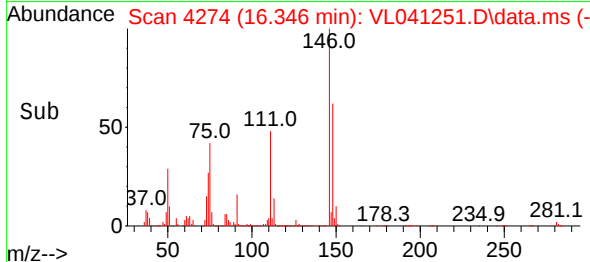
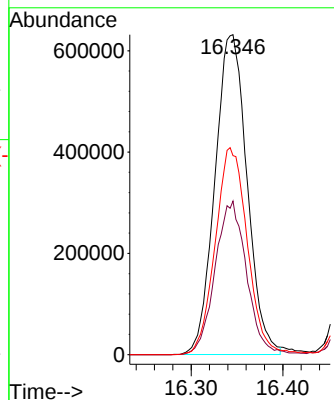
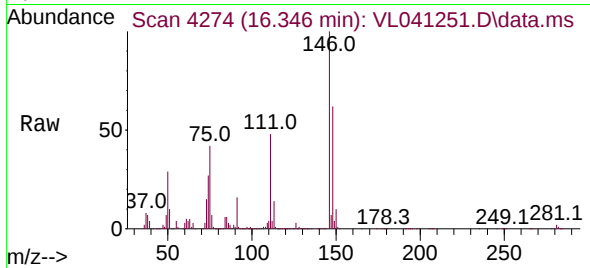




#75
1,3-Dichlorobenzene
Concen: 8.510 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

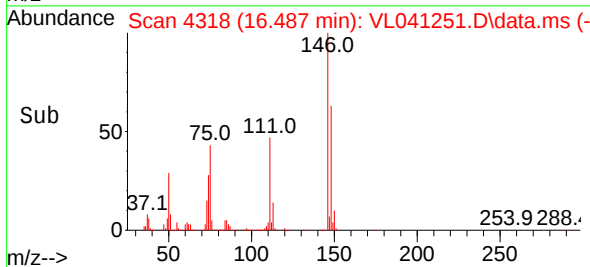
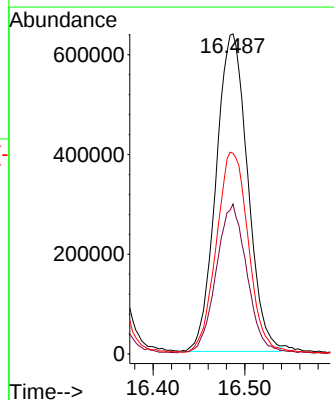
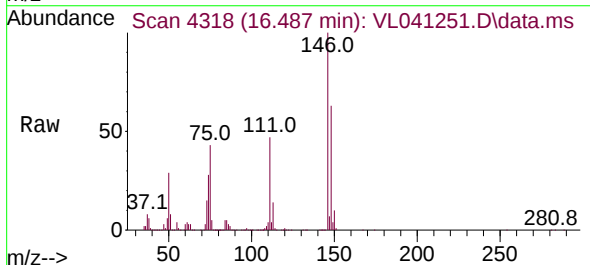
Instrument :
MSVOA_L
ClientSampleId :

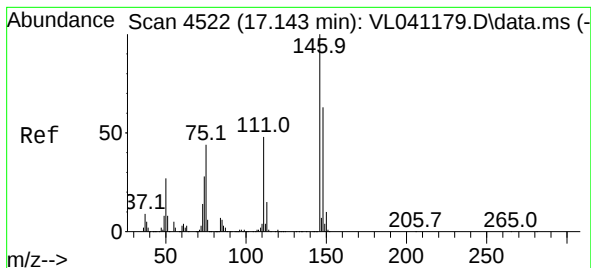
Tgt Ion:146 Resp: 1535259
Ion Ratio Lower Upper
146 100
111 47.1 23.7 71.1
148 65.0 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 8.771 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL041251.D
Acq: 9 May 2024 10:12

Tgt Ion:146 Resp: 1521812
Ion Ratio Lower Upper
146 100
111 46.9 23.3 69.8
148 66.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 8.319 ppbv

RT: 17.156 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

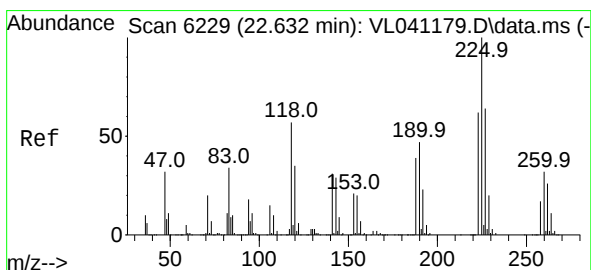
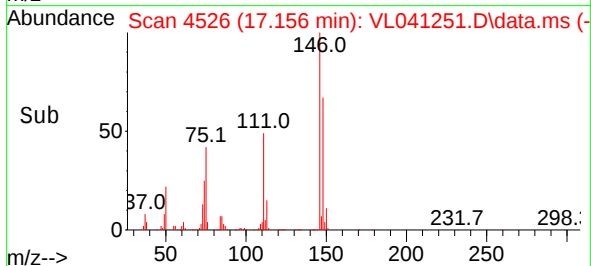
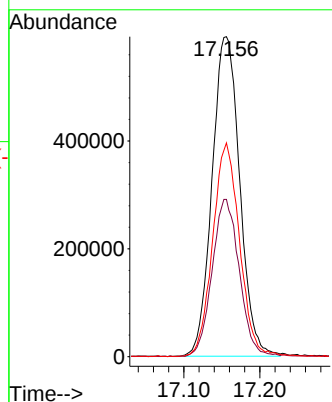
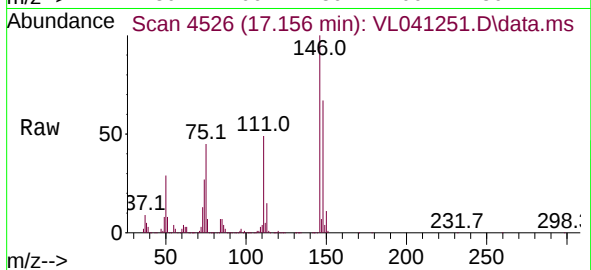
Tgt Ion:146 Resp: 1500182

Ion Ratio Lower Upper

146 100

111 48.5 24.5 73.5

148 65.2 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 6.626 ppbv

RT: 22.644 min Scan# 6233

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

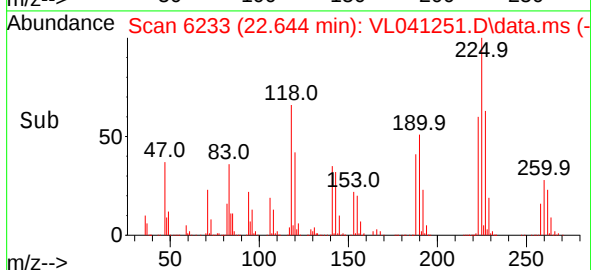
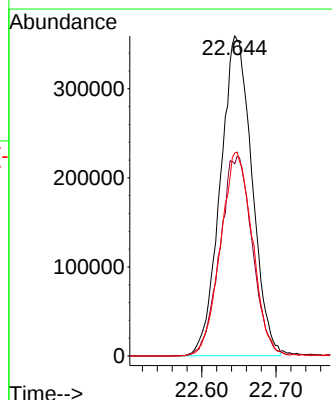
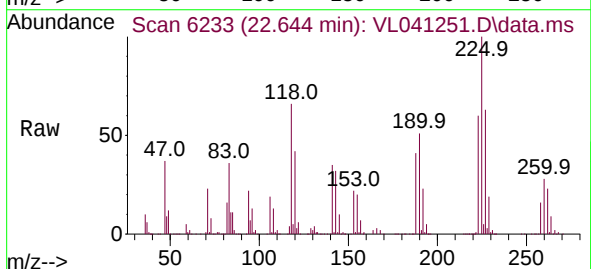
Tgt Ion:225 Resp: 1062019

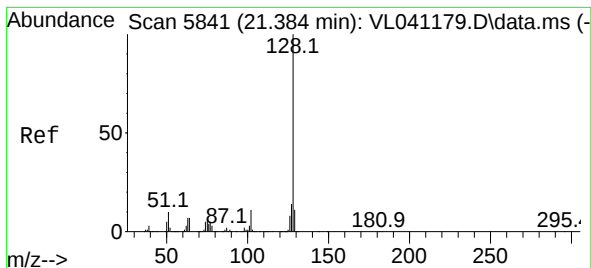
Ion Ratio Lower Upper

225 100

223 64.4 50.9 76.3

227 64.7 52.0 78.0





#79

Naphthalene

Concen: 8.755 ppbv

RT: 21.397 min Scan# 5845

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

Instrument :

MSVOA_L

ClientSampleId :

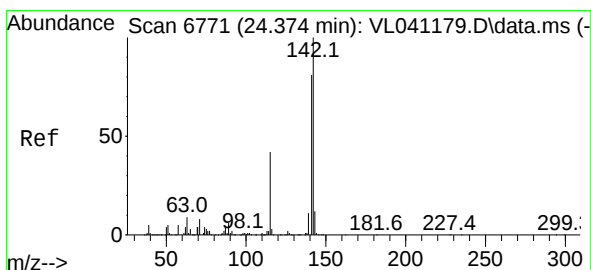
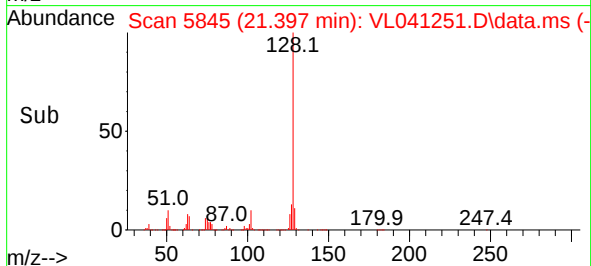
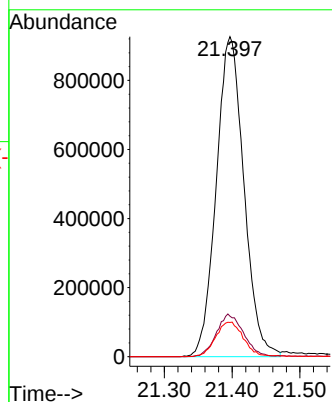
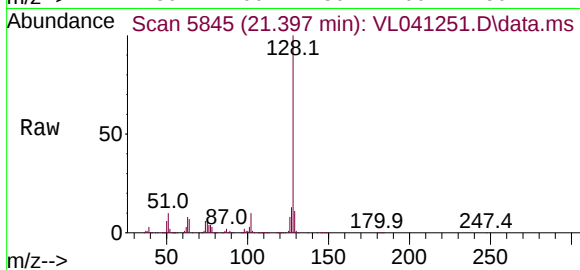
Tgt Ion:128 Resp: 2623146

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.7 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 6.729 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. -0.003 min

Lab File: VL041251.D

Acq: 9 May 2024 10:12

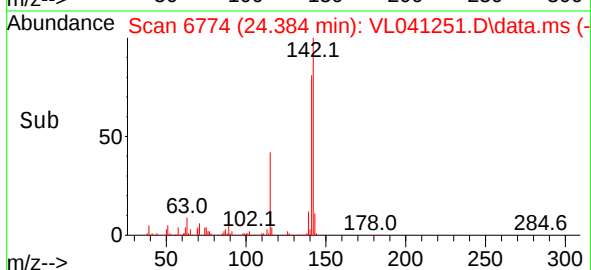
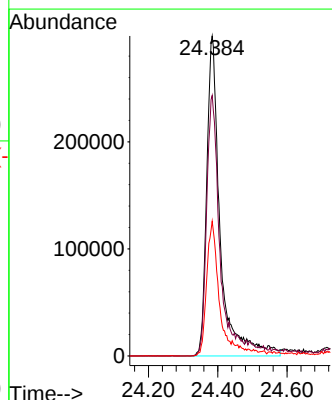
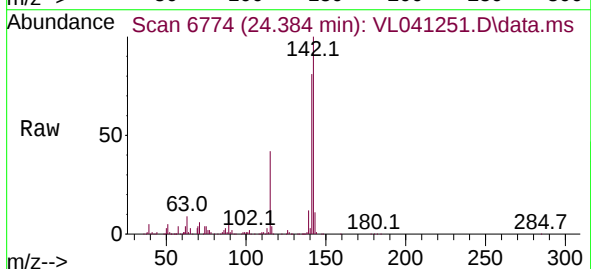
Tgt Ion:142 Resp: 810982

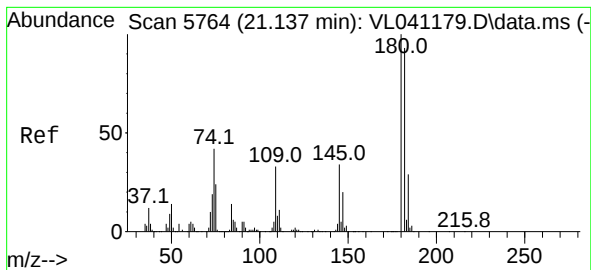
Ion Ratio Lower Upper

142 100

141 81.0 67.9 101.9

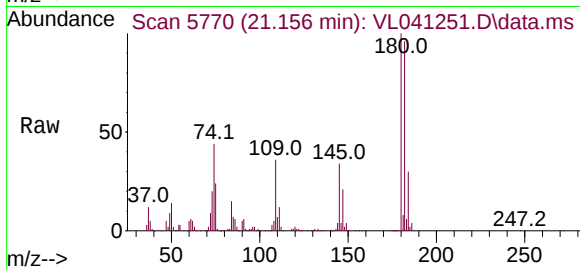
115 41.3 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 7.872 ppbv
 RT: 21.156 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041251.D
 Acq: 9 May 2024 10:12

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1245271
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.2 115.8
 184 30.9 24.6 36.8

