

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041490.D
 Acq On : 1 Aug 2024 23:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Aug 02 04:16:53 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 : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	901140	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2440371	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2393272	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1866942	10.137	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	1411870	9.107	ppbv	100
3) Chlorodifluoromethane	2.677	51	1276244	11.897	ppbv	99
4) Chloromethane	2.816	50	648809	11.371	ppbv	100
5) Vinyl Chloride	2.922	62	657284	11.687	ppbv	98
6) Bromomethane	3.121	94	371932	12.867	ppbv	100
7) Chloroethane	3.201	64	231779	11.942	ppbv	98
8) Dichlorotetrafluoroethane	2.861	85	1572619	11.449	ppbv	98
9) Propene	2.697	41	576657	11.701	ppbv	98
10) Heptane	7.581	43	1399809	12.642	ppbv	100
11) Trichlorofluoromethane	3.565	101	1563188	11.354	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1094209	11.037	ppbv	97
13) Ethanol	3.246	45	81555	18.516	ppbv	92
14) Bromoethene	3.369	108	460914	11.925	ppbv	100
15) Acetone	3.468	43	1189794	11.620	ppbv	99
16) 1,3-Butadiene	2.989	39	636769	11.640	ppbv	99
17) tert-Butyl alcohol	3.877	59	1182446	12.663	ppbv	100
18) 1,1-Dichloroethene	3.883	96	502828	11.857	ppbv	98
19) Isopropyl Alcohol	3.578	45	722441	12.069	ppbv	99
20) Methylene Chloride	3.934	84	411955	10.790	ppbv	95
21) Allyl Chloride	3.999	41	789645	11.760	ppbv	97
22) trans-1,2-Dichloroethene	4.446	96	492419	11.613	ppbv	97
23) Vinyl Acetate	4.626	43	1116016	14.272	ppbv	99
24) 1,1-Dichloroethane	4.565	63	1066943	11.588	ppbv	100
25) Ethyl Acetate	5.205	43	2485780	12.221	ppbv	99
26) Hexane	5.214	57	1037309	12.293	ppbv	99
27) Carbon Disulfide	4.124	76	1134634	11.494	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	621384	11.677	ppbv	100
29) Chloroform	5.275	83	1598436	11.614	ppbv	98
30) Cyclohexane	6.603	84	892578	12.990	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	1024712	12.293	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	1552184	11.586	ppbv	99
34) 2-Butanone	4.787	43	1506677	12.763	ppbv	99
35) Carbon Tetrachloride	6.494	117	1632555	12.129	ppbv	99
36) Benzene	6.372	78	2211114	12.400	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1229905	12.323	ppbv	100
38) Trichloroethene	7.294	130	883896	10.820	ppbv	98
39) 1,2-Dichloropropane	7.076	63	850417	12.457	ppbv	96
40) 1,4-Dioxane	7.291	88	251673	9.177	ppbv #	1
41) Tetrahydrofuran	5.555	42	897319	13.290	ppbv	98
42) Bromodichloromethane	7.249	83	1743246	12.096	ppbv	100
43) Methyl Methacrylate	7.475	69	898969	14.059	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	3663383	12.300	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	940935	15.987	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

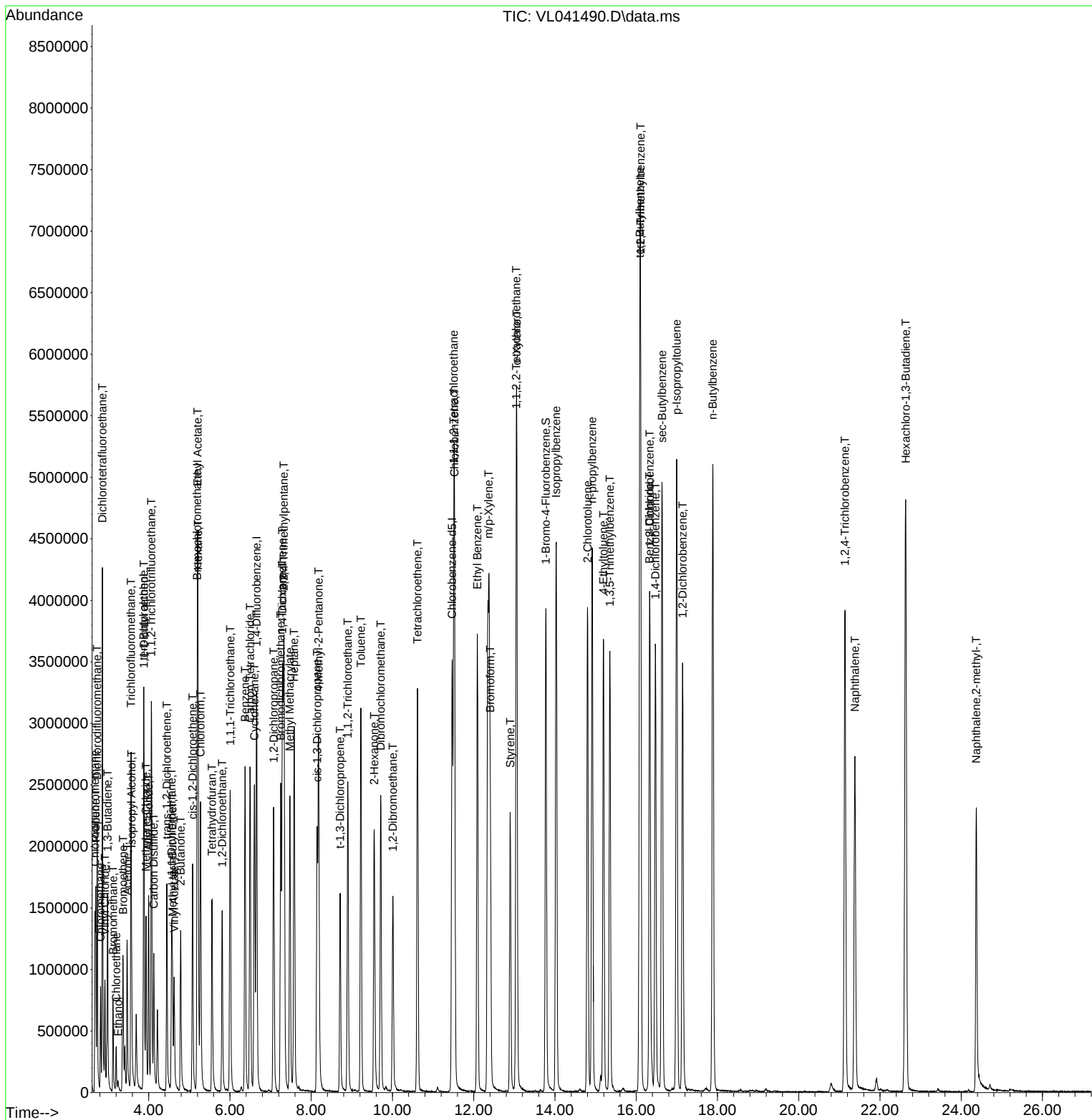
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 ClientSampleId :
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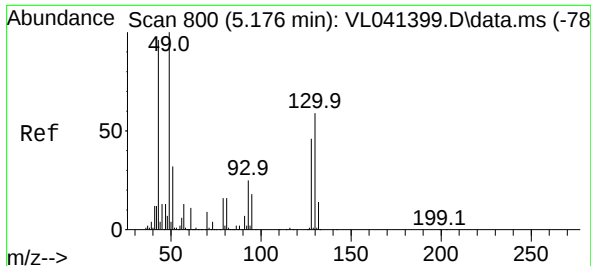
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1226694	14.434	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	907844	12.064	ppbv	98
48) Dibromochloromethane	9.712	129	1497146	12.350	ppbv	99
49) Bromoform	12.407	173	1277172	12.472	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2411017	12.945	ppbv	100
51) 2-Hexanone	9.552	43	1981191	14.068	ppbv	99
52) Tetrachloroethene	10.616	164	831788	12.072	ppbv	99
53) Toluene	9.220	91	2559648	12.887	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1327043	13.249	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	1105067	11.906	ppbv #	59
57) Chlorobenzene	11.529	112	1966419	11.540	ppbv	99
58) Ethyl Benzene	12.089	91	3415080	12.380	ppbv	99
59) m/p-Xylene	12.368	91	3121610	13.109	ppbv #	39
60) o-Xylene	13.060	91	2788764	12.380	ppbv	100
61) Styrene	12.899	104	1373671	13.517	ppbv	99
62) Isopropylbenzene	14.031	105	4115275	12.017	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1913649	13.453	ppbv	100
64) n-propylbenzene	14.918	120	1099056	12.276	ppbv	98
65) tert-Butylbenzene	16.088	119	3663095	11.843	ppbv	100
66) Benzyl Chloride	16.326	91	393602	19.840	ppbv	98
67) sec-Butylbenzene	16.638	105	5121312	12.017	ppbv	100
69) p-Isopropyltoluene	16.995	119	4327480	12.237	ppbv	99
70) n-Butylbenzene	17.886	91	4437633	12.241	ppbv	100
71) 2-Chlorotoluene	14.802	91	3079527	12.194	ppbv	100
72) 4-Ethyltoluene	15.191	105	3341713	12.601	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2823456	12.358	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	3146513	11.846	ppbv	97
75) 1,3-Dichlorobenzene	16.329	146	1949716	11.677	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1898016	11.740	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1880221	11.359	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1512169	10.713	ppbv	99
79) Naphthalene	21.384	128	3458441	14.752	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1695687	8.628	ppbv	99
81) 1,2,4-Trichlorobenzene	21.140	180	1804630	12.935	ppbv	99

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

Quant Time: Aug 02 04:16:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

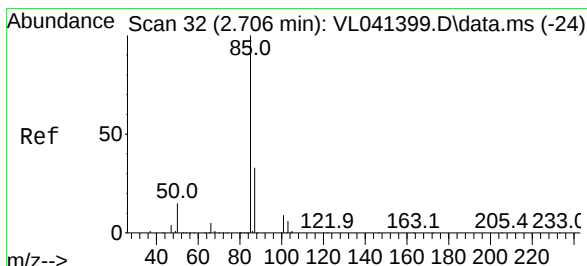
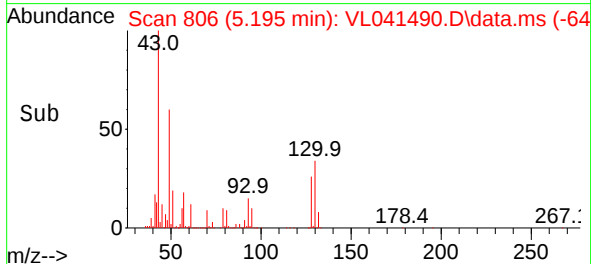
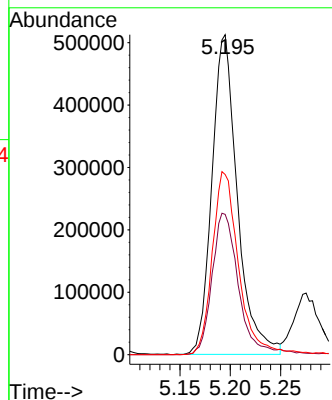
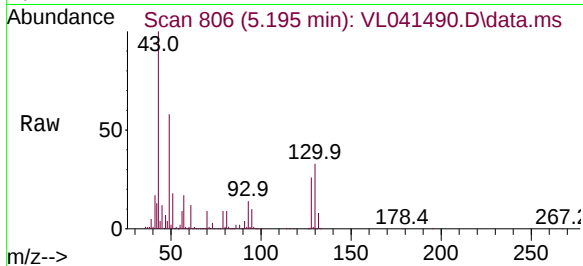




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

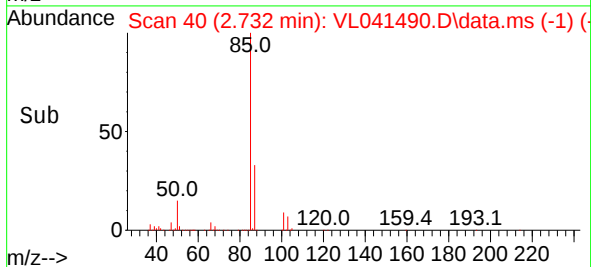
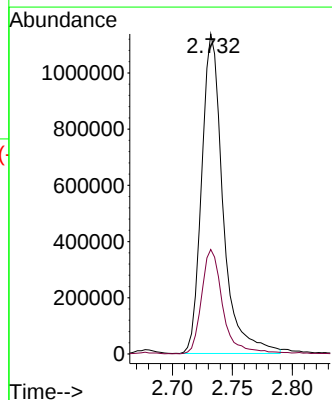
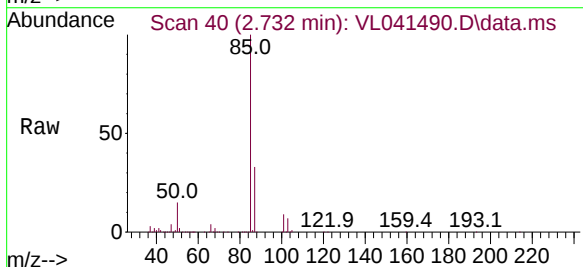
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

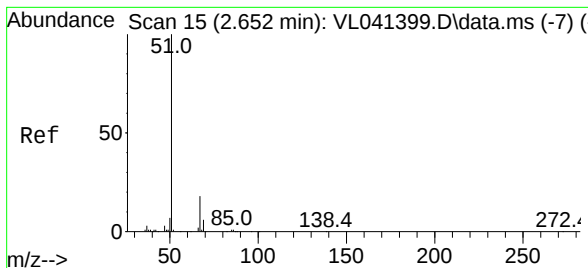
Tgt Ion: 49 Resp: 901140
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.4
130 59.8 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 9.107 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 85 Resp: 1411870
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0





#3

Chlorodifluoromethane

Concen: 11.897 ppbv

RT: 2.677 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

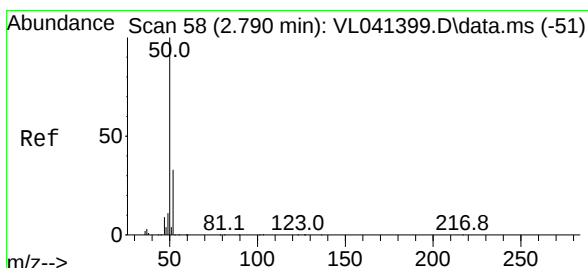
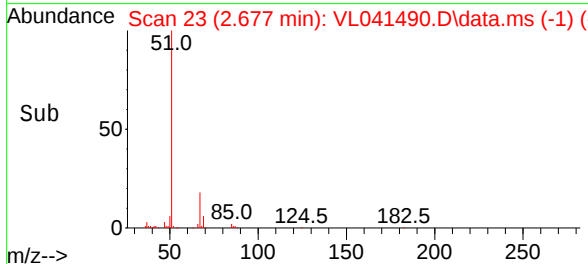
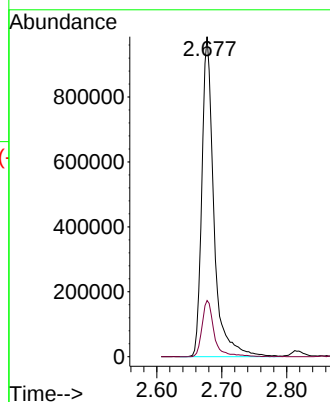
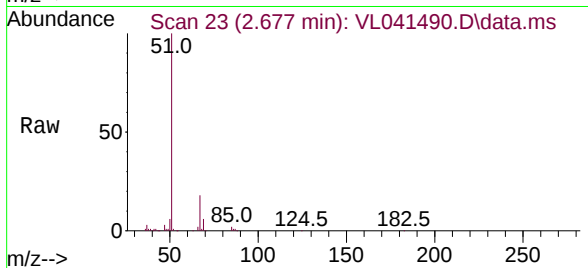
VSTDCCC010EC

Tgt Ion: 51 Resp: 1276244

Ion Ratio Lower Upper

51 100

67 17.7 14.5 21.7



#4

Chloromethane

Concen: 11.371 ppbv

RT: 2.816 min Scan# 66

Delta R.T. 0.003 min

Lab File: VL041490.D

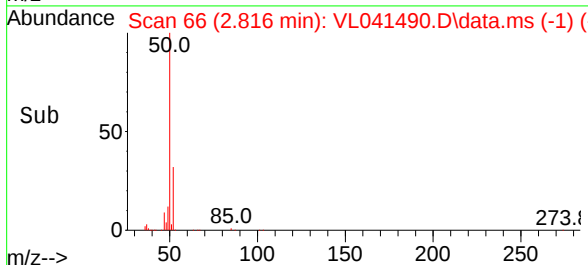
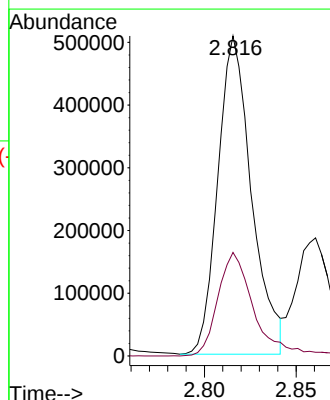
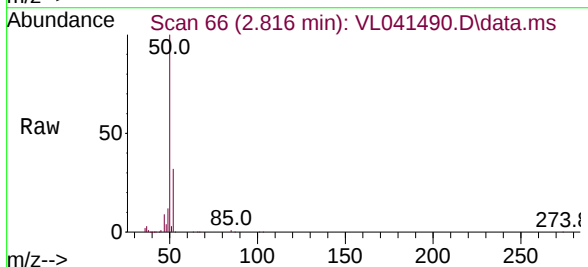
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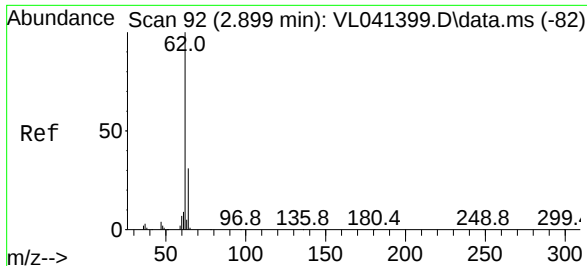
Tgt Ion: 50 Resp: 648809

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1

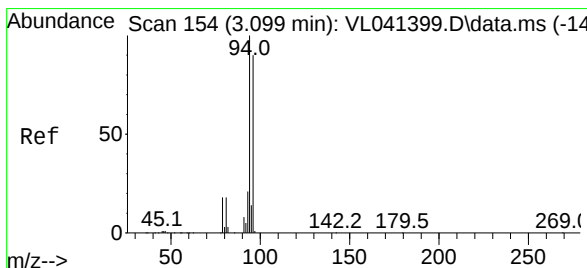
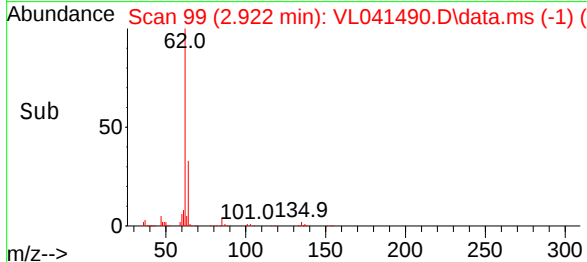
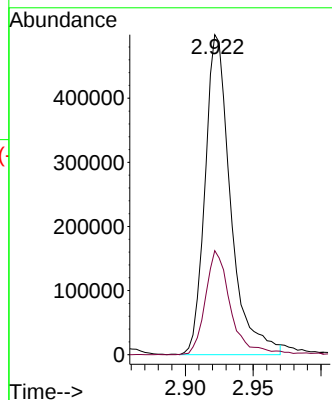
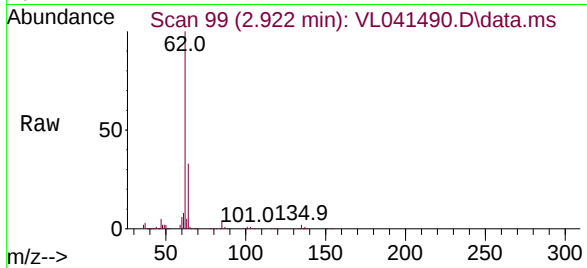




#5
 Vinyl Chloride
 Concen: 11.687 ppbv
 RT: 2.922 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VL041490.D
 Acq: 1 Aug 2024 23:27

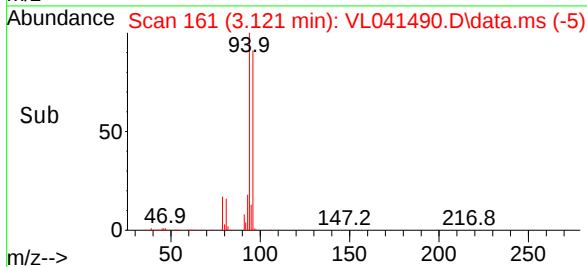
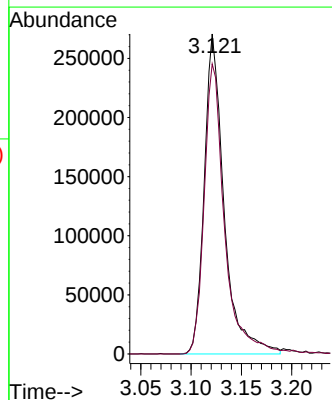
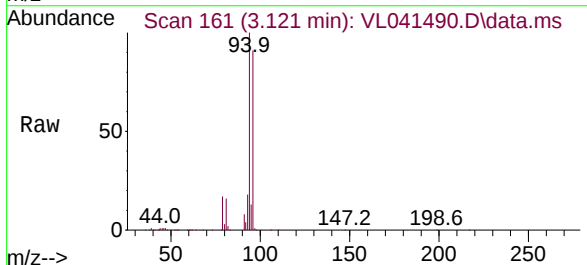
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

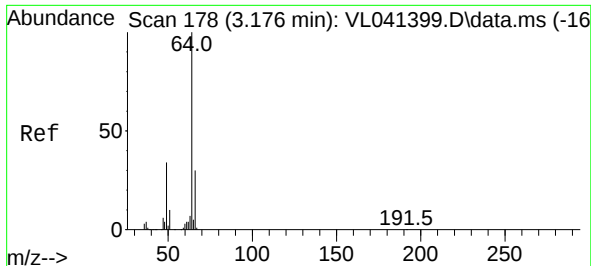
Tgt Ion: 62 Resp: 657284
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 37.4



#6
 Bromomethane
 Concen: 12.867 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041490.D
 Acq: 1 Aug 2024 23:27

Tgt Ion: 94 Resp: 371932
 Ion Ratio Lower Upper
 94 100
 96 90.6 72.3 108.5

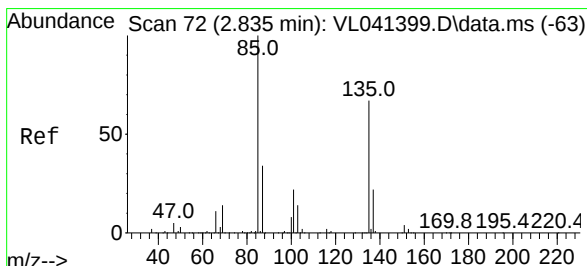
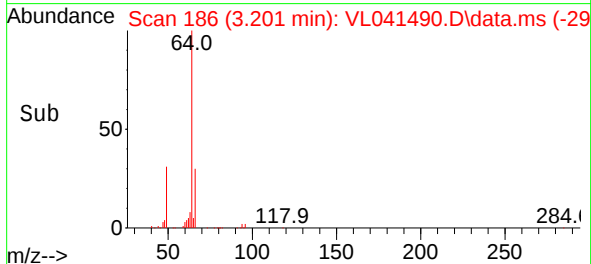
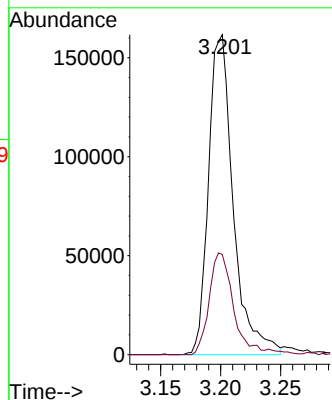
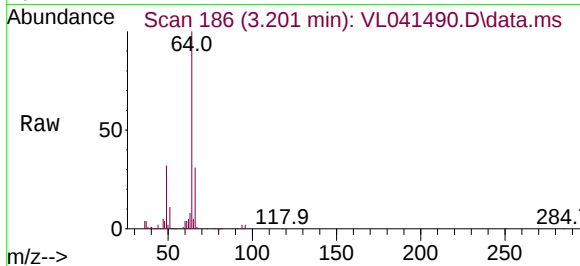




#7
Chloroethane
Concen: 11.942 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

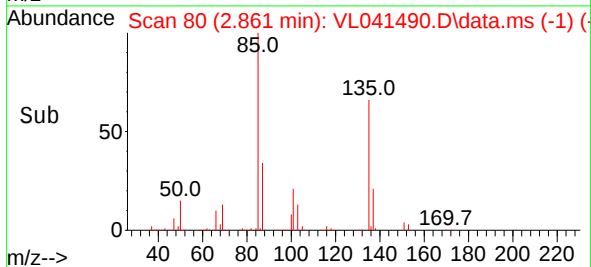
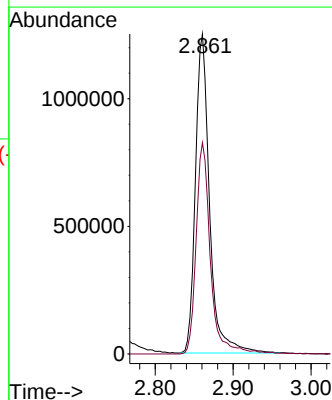
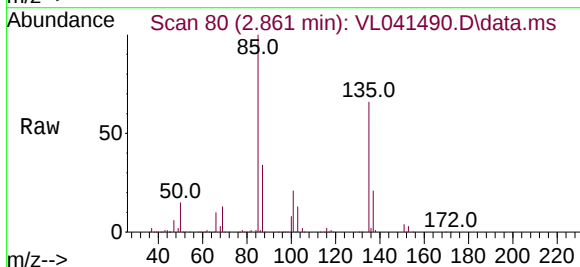
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ClientSampleId :
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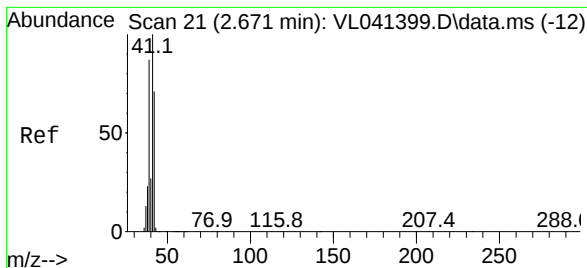
Tgt Ion: 64 Resp: 231779
Ion Ratio Lower Upper
64 100
66 31.3 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 11.449 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 85 Resp: 1572619
Ion Ratio Lower Upper
85 100
135 67.5 55.4 83.0





#9

Propene

Concen: 11.701 ppbv

RT: 2.697 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

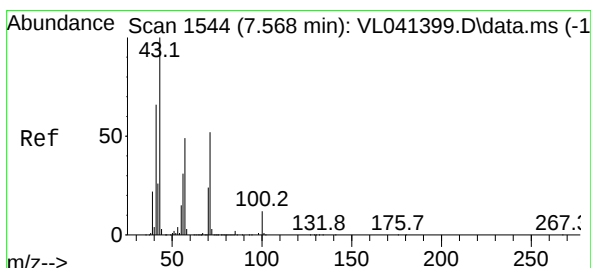
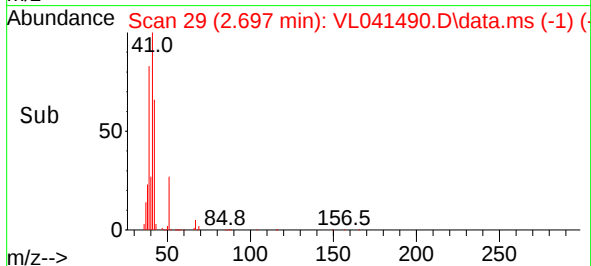
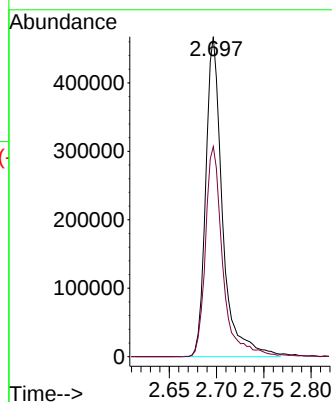
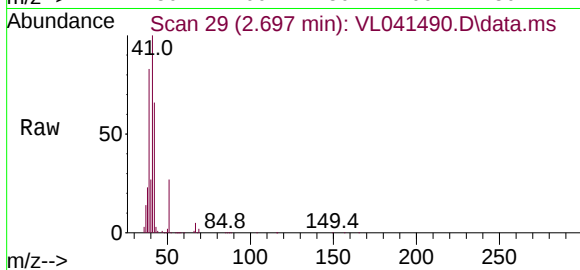
VSTDCCC010EC

Tgt Ion: 41 Resp: 576657

Ion Ratio Lower Upper

41 100

42 68.4 55.9 83.9



#10

Heptane

Concen: 12.642 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.003 min

Lab File: VL041490.D

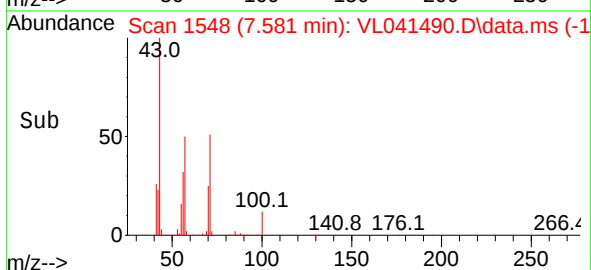
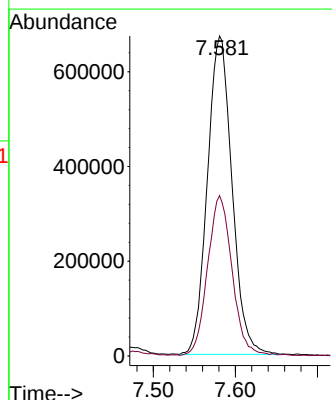
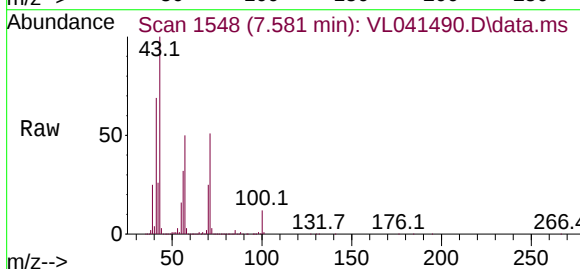
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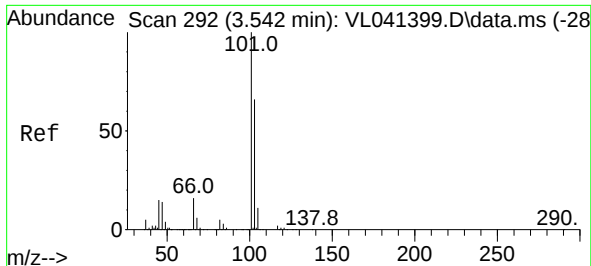
Tgt Ion: 43 Resp: 1399809

Ion Ratio Lower Upper

43 100

57 50.5 40.5 60.7





#11

Trichlorofluoromethane

Concen: 11.354 ppbv

RT: 3.565 min Scan# 292

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

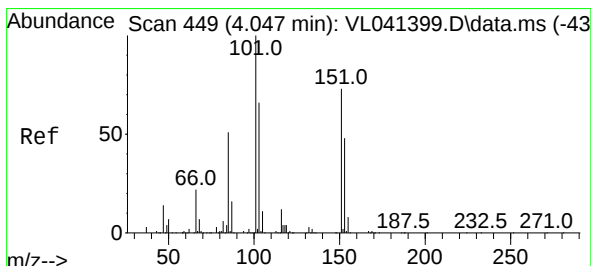
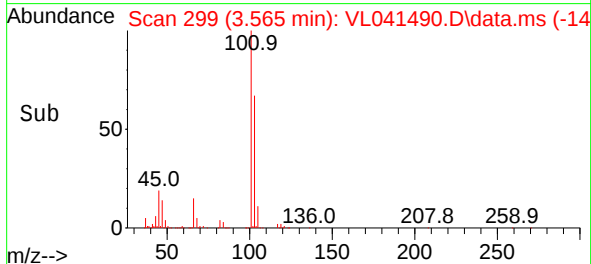
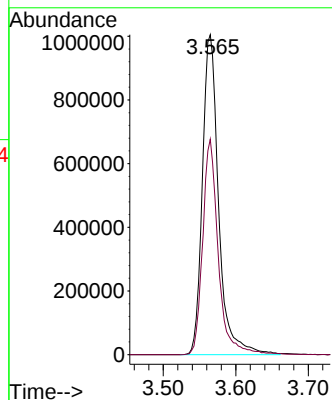
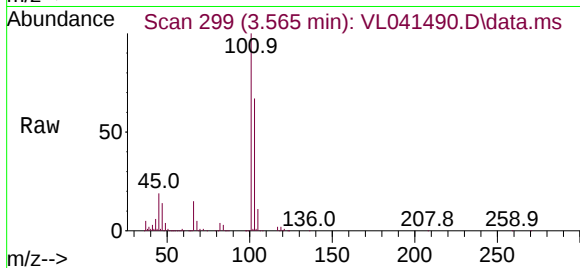
VSTDCCC010EC

Tgt Ion:101 Resp: 1563188

Ion Ratio Lower Upper

101 100

103 67.4 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 11.037 ppbv

RT: 4.066 min Scan# 455

Delta R.T. 0.003 min

Lab File: VL041490.D

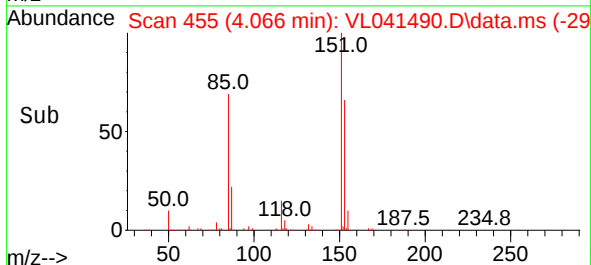
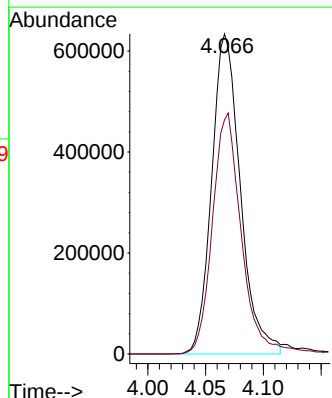
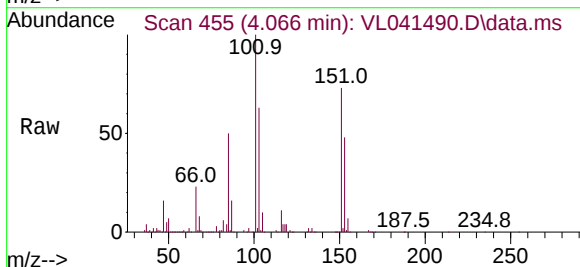
Acq: 1 Aug 2024 23:27

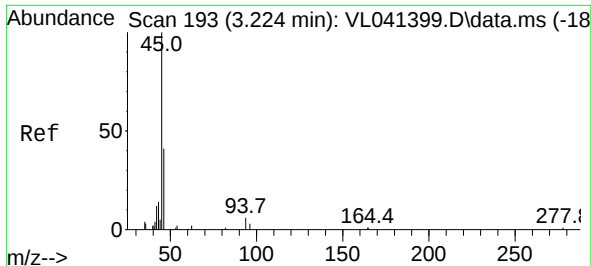
Tgt Ion:101 Resp: 1094209

Ion Ratio Lower Upper

101 100

151 76.6 59.4 89.2





#13

Ethanol

Concen: 18.516 ppbv

RT: 3.246 min Scan# 200

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

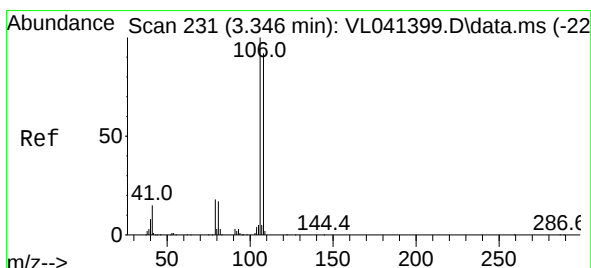
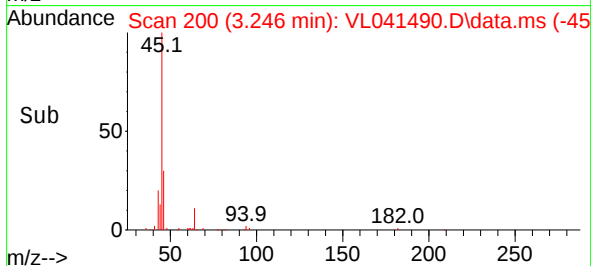
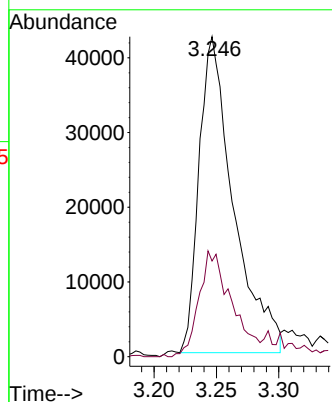
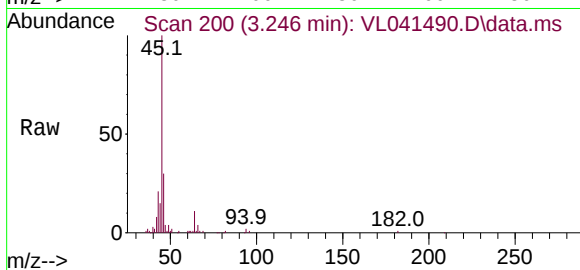
VSTDCCC010EC

Tgt Ion: 45 Resp: 81555

Ion Ratio Lower Upper

45 100

46 38.1 13.4 53.4



#14

Bromoethene

Concen: 11.925 ppbv

RT: 3.369 min Scan# 238

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

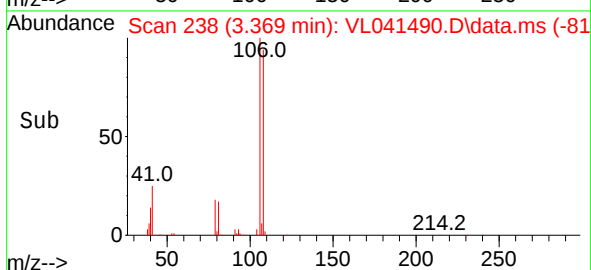
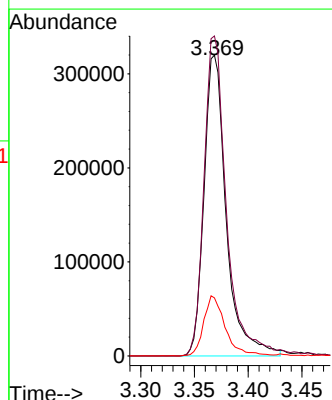
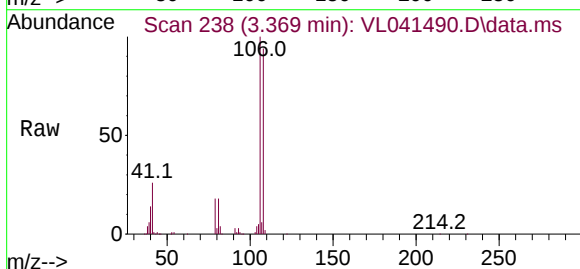
Tgt Ion:108 Resp: 460914

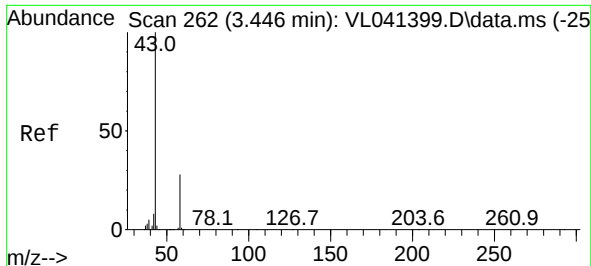
Ion Ratio Lower Upper

108 100

106 109.1 86.9 130.3

79 20.3 16.2 24.4





#15

Acetone

Concen: 11.620 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

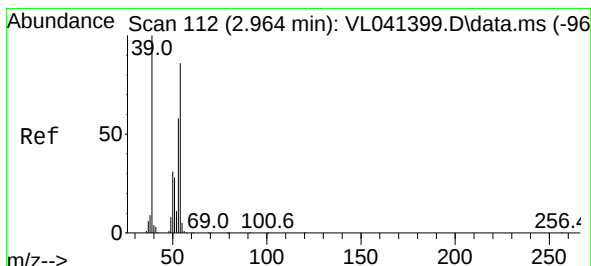
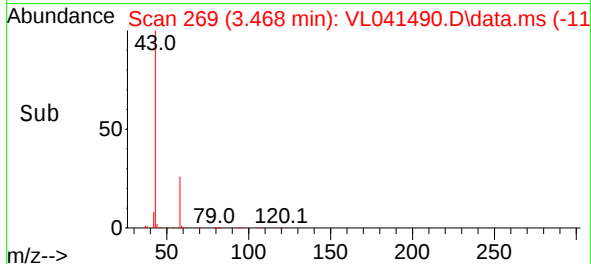
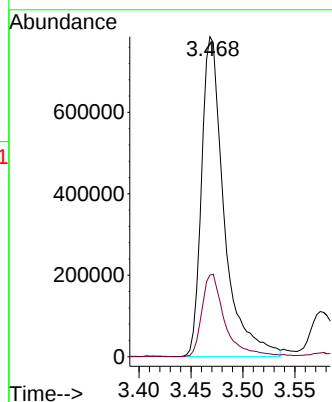
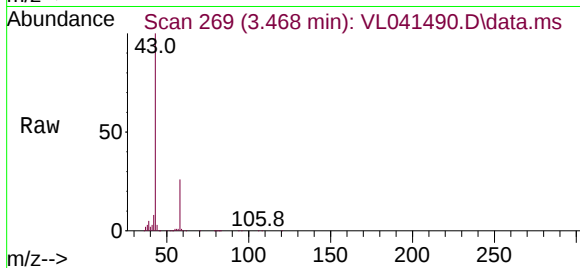
VSTDCCC010EC

Tgt Ion: 43 Resp: 1189794

Ion Ratio Lower Upper

43 100

58 26.3 21.4 32.2



#16

1,3-Butadiene

Concen: 11.640 ppbv

RT: 2.989 min Scan# 120

Delta R.T. 0.003 min

Lab File: VL041490.D

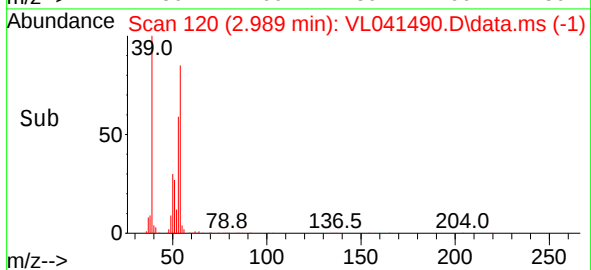
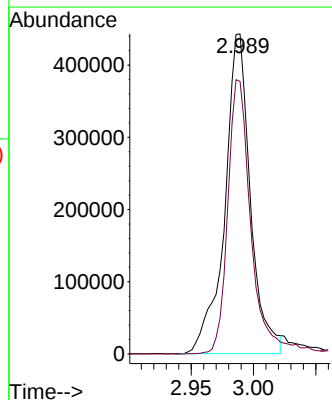
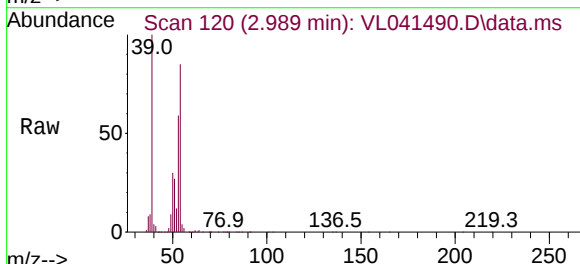
Acq: 1 Aug 2024 23:27

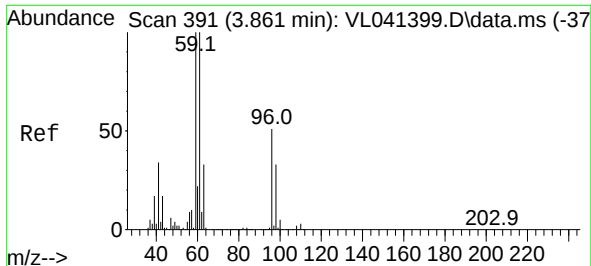
Tgt Ion: 39 Resp: 636769

Ion Ratio Lower Upper

39 100

54 79.1 62.5 93.7





#17

tert-Butyl alcohol

Concen: 12.663 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

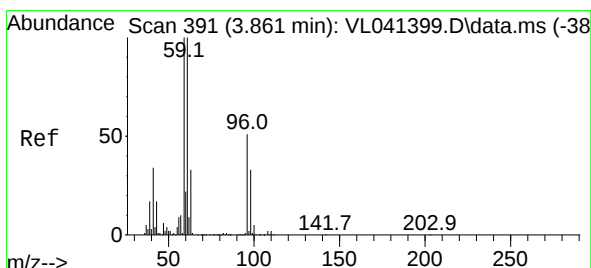
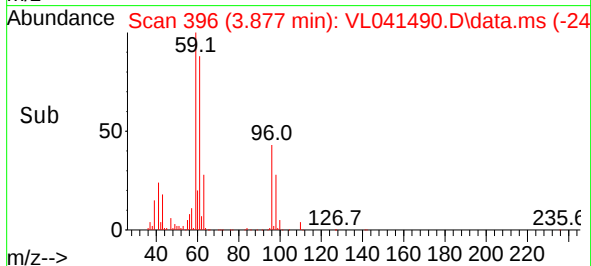
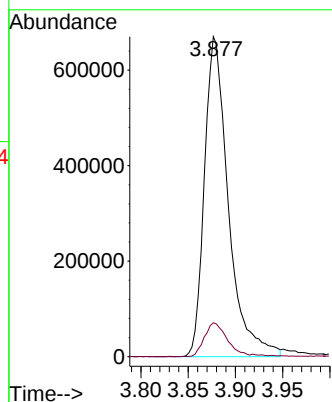
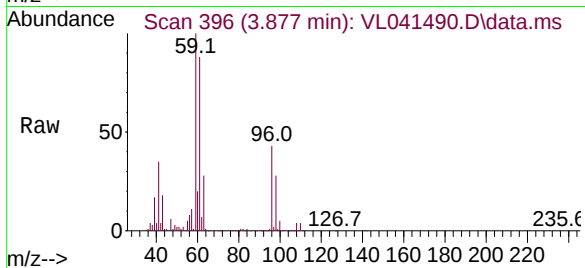
VSTDCCC010EC

Tgt Ion: 59 Resp: 1182446

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#18

1,1-Dichloroethene

Concen: 11.857 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

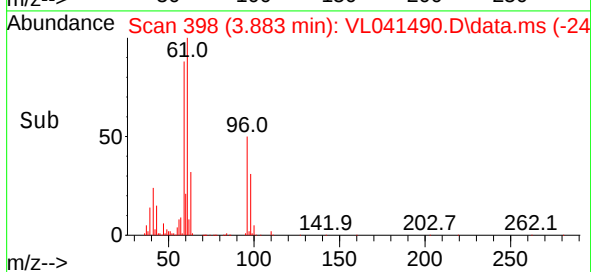
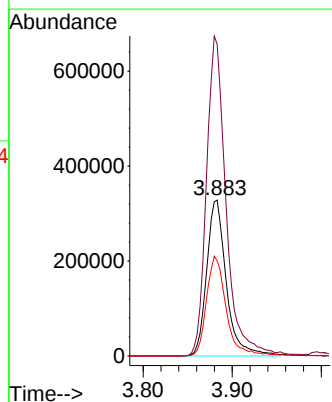
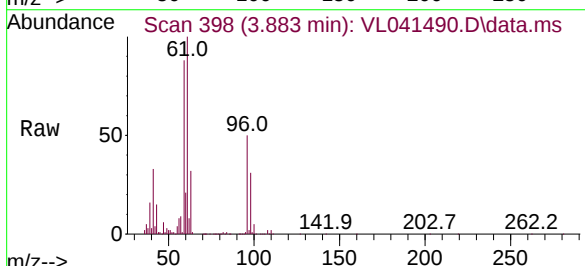
Tgt Ion: 96 Resp: 502828

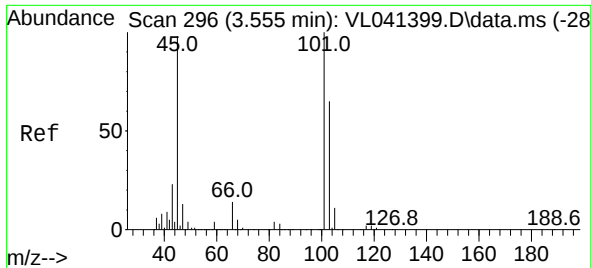
Ion Ratio Lower Upper

96 100

61 200.0 157.5 236.3

98 61.0 51.2 76.8

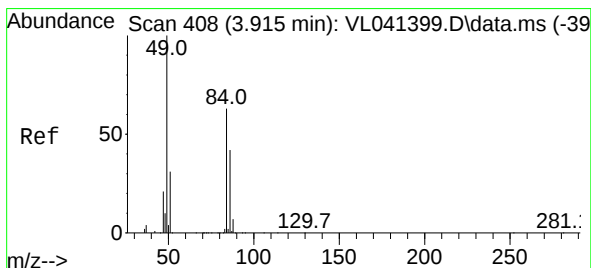
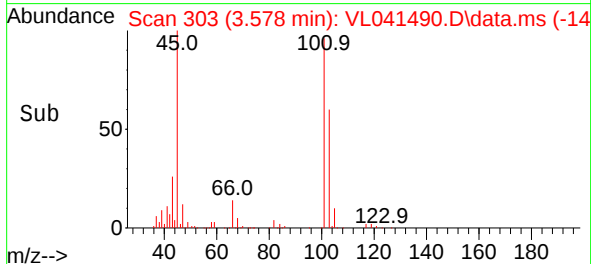
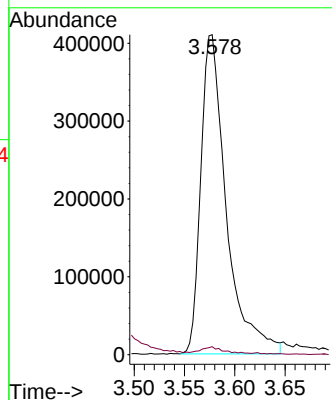
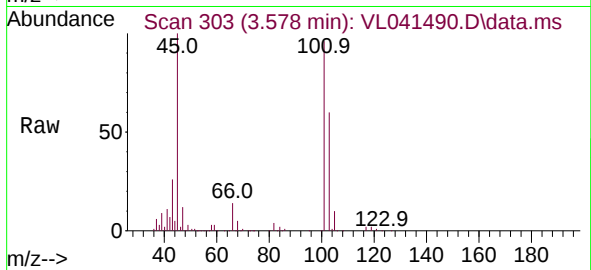




#19
Isopropyl Alcohol
Concen: 12.069 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

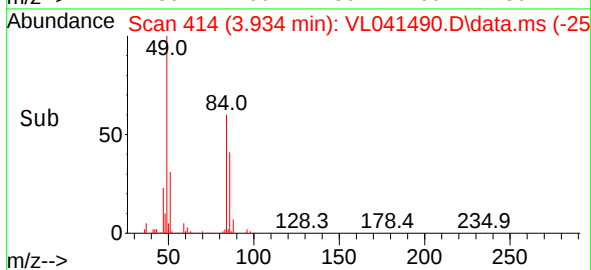
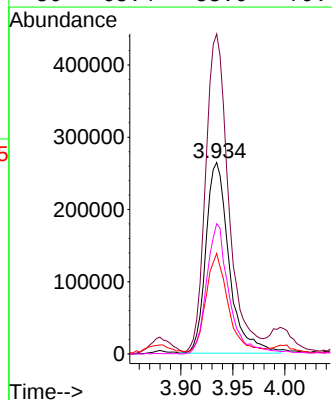
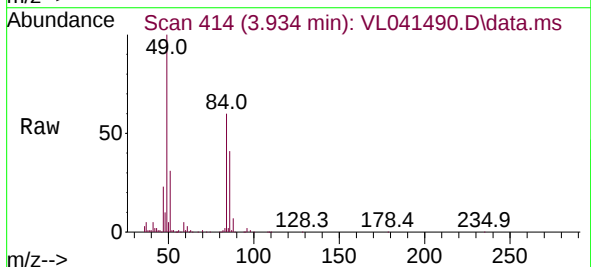
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

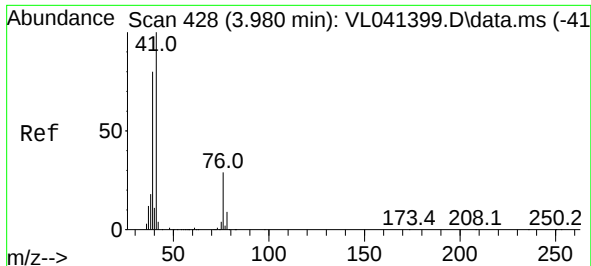
Tgt Ion: 45 Resp: 722441
Ion Ratio Lower Upper
45 100
58 2.8 1.9 2.9



#20
Methylene Chloride
Concen: 10.790 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 84 Resp: 411955
Ion Ratio Lower Upper
84 100
49 166.0 126.6 190.0
51 51.1 38.6 58.0
86 68.4 53.0 79.4





#21

Allyl Chloride

Concen: 11.760 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

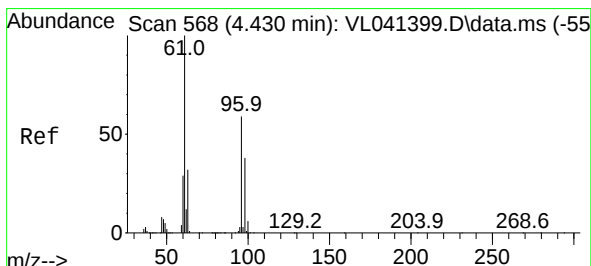
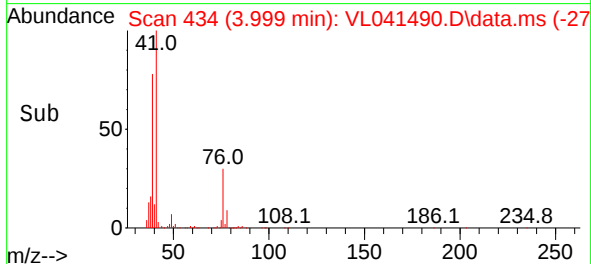
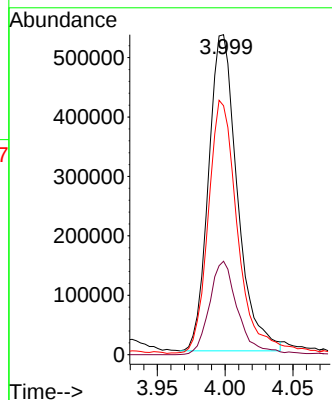
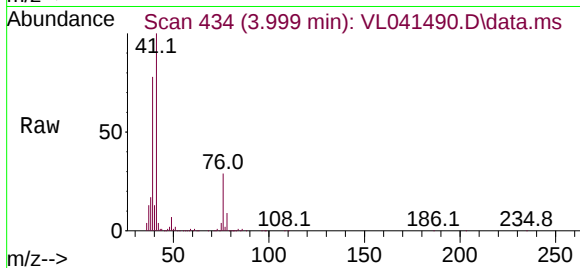
Tgt Ion: 41 Resp: 789645

Ion Ratio Lower Upper

41 100

76 29.6 23.7 35.5

39 83.4 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 11.613 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

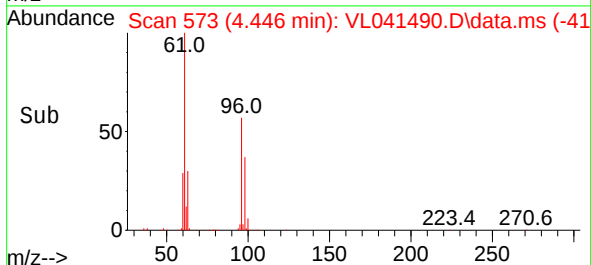
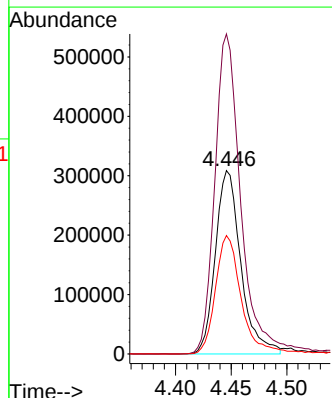
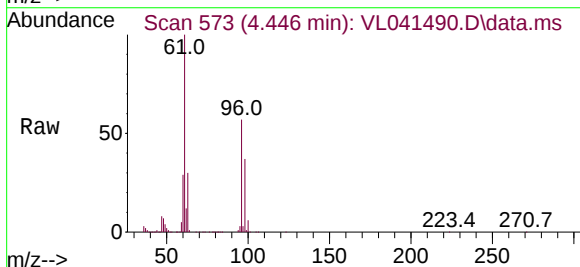
Tgt Ion: 96 Resp: 492419

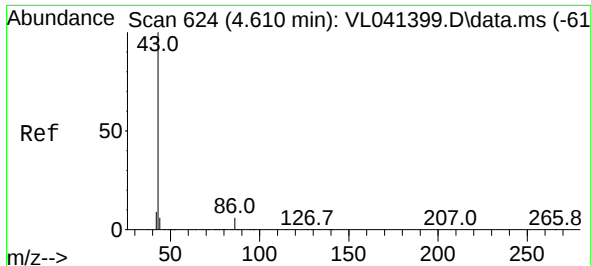
Ion Ratio Lower Upper

96 100

61 174.5 135.4 203.2

98 64.6 51.0 76.4

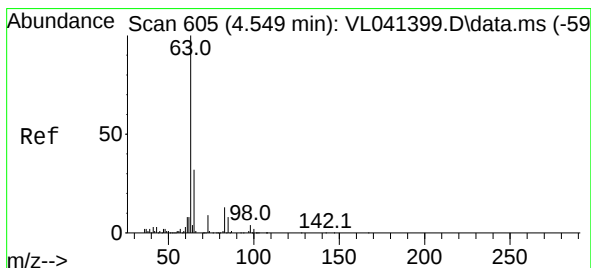
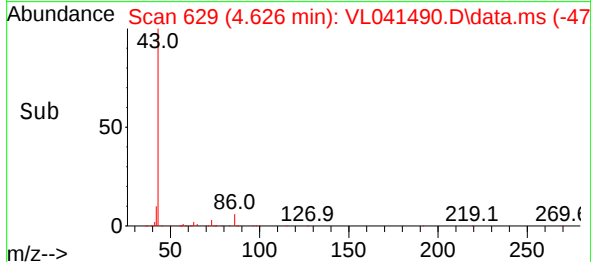
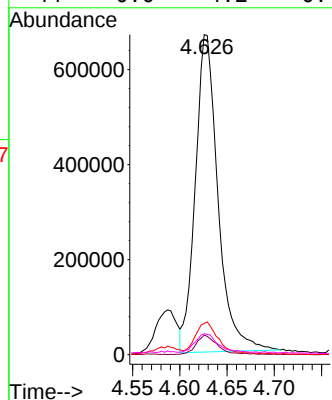
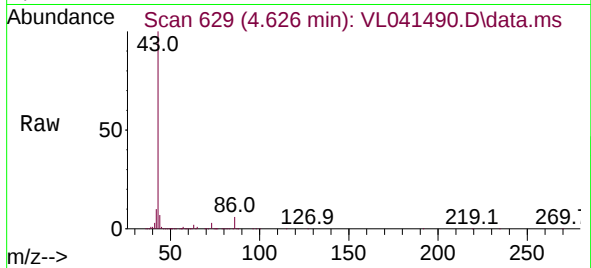




#23
 Vinyl Acetate
 Concen: 14.272 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VL041490.D
 Acq: 1 Aug 2024 23:27

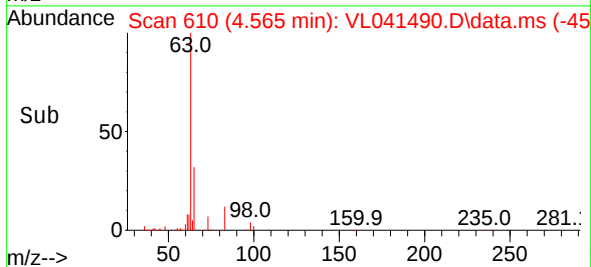
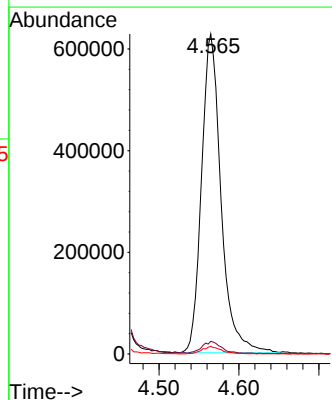
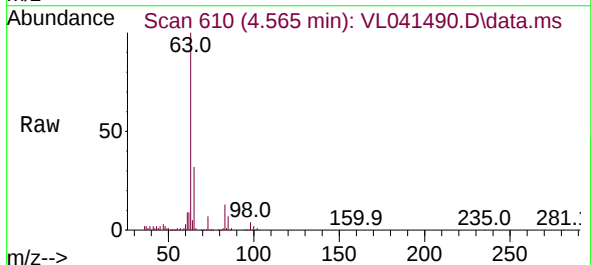
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

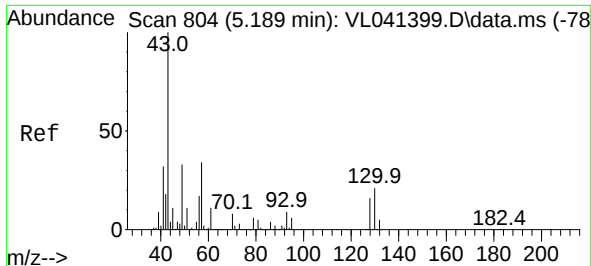
Tgt Ion: 43 Resp: 1116016
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.6 6.8
 42 9.7 7.9 11.9
 44 6.0 4.2 6.4



#24
 1,1-Dichloroethane
 Concen: 11.588 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041490.D
 Acq: 1 Aug 2024 23:27

Tgt Ion: 63 Resp: 1066943
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 6.0
 100 2.4 1.2 3.6



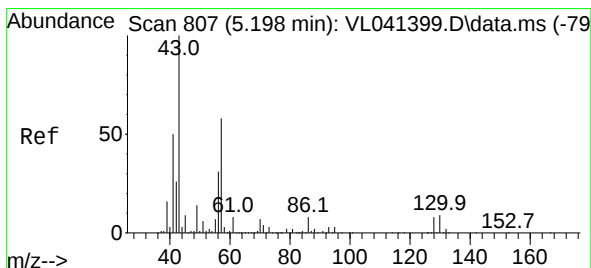
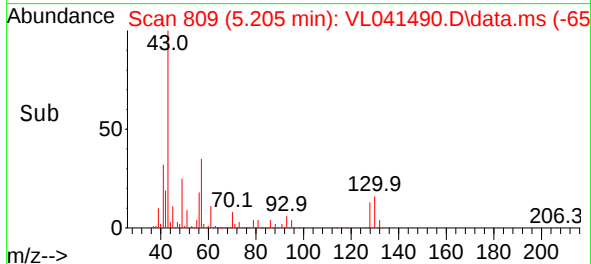
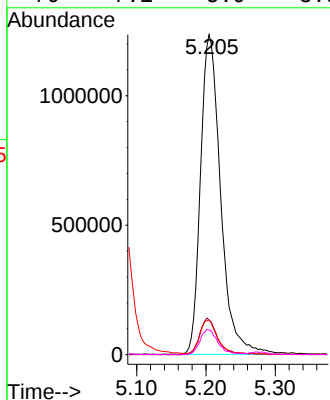
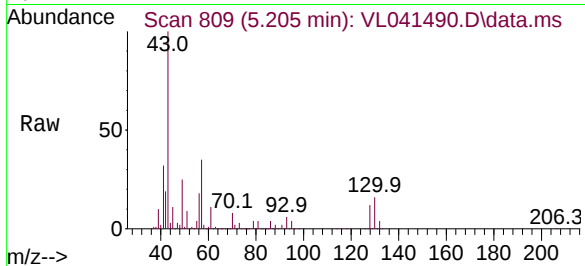


#25
Ethyl Acetate
Concen: 12.221 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2485780

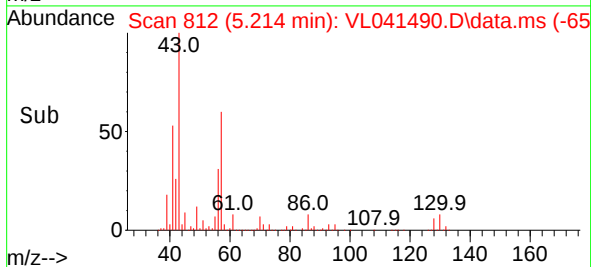
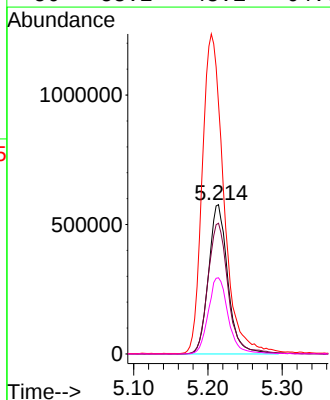
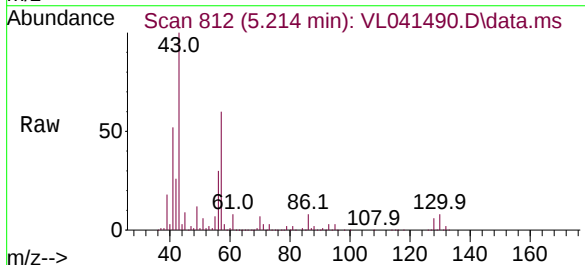
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	9.7	8.0	12.0
70	7.1	5.9	8.9

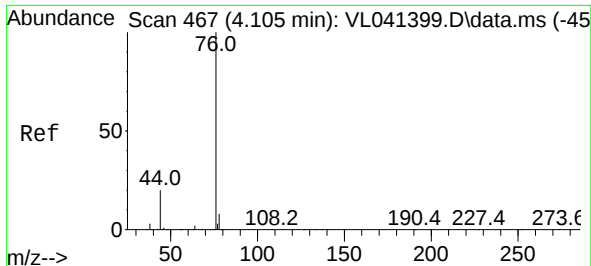


#26
Hexane
Concen: 12.293 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 57 Resp: 1037309

Ion	Ratio	Lower	Upper
57	100		
41	92.9	74.0	111.0
43	241.0	193.6	290.4
56	53.2	43.1	64.7

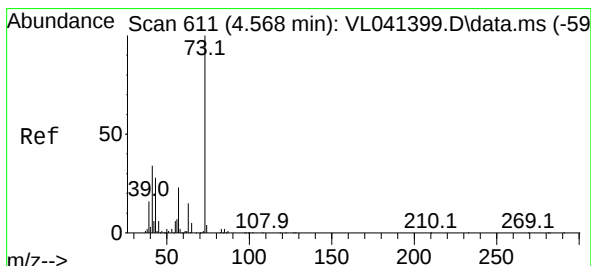
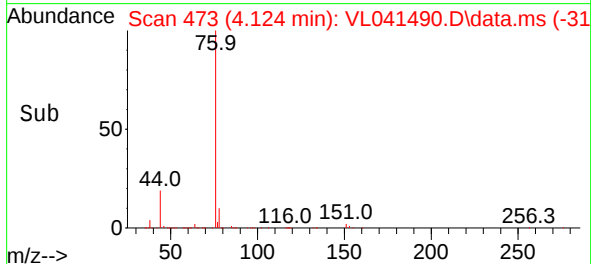
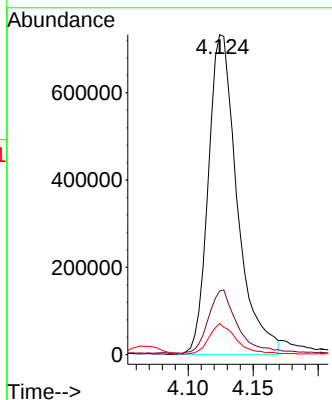
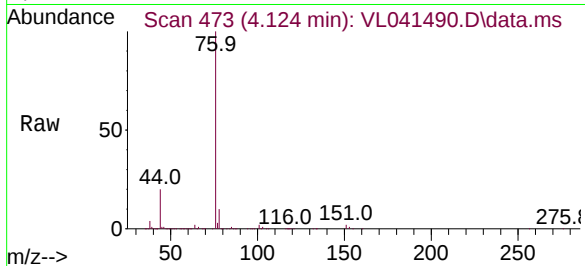




#27
Carbon Disulfide
Concen: 11.494 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

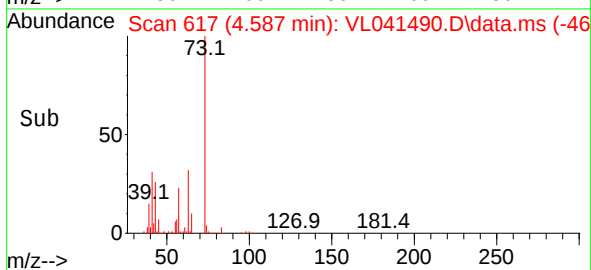
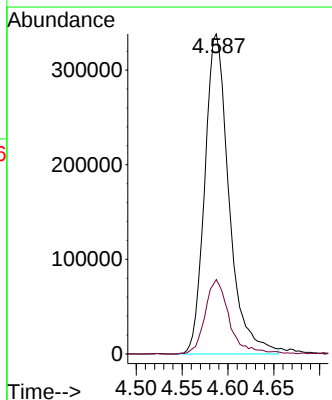
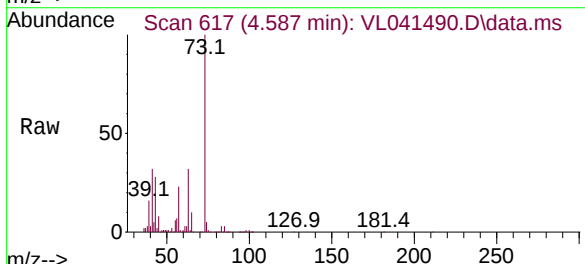
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

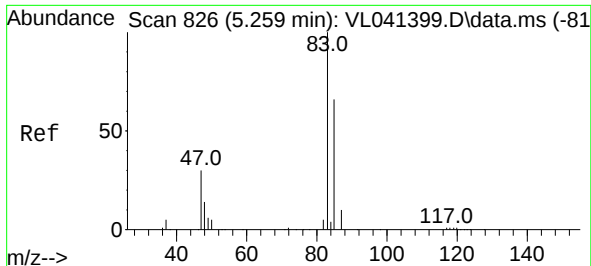
Tgt Ion: 76 Resp: 1134634
Ion Ratio Lower Upper
76 100
44 20.7 15.6 23.4
78 9.6 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 11.677 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 73 Resp: 621384
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3





#29

Chloroform

Concen: 11.614 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

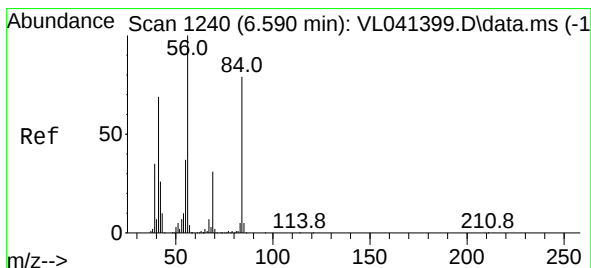
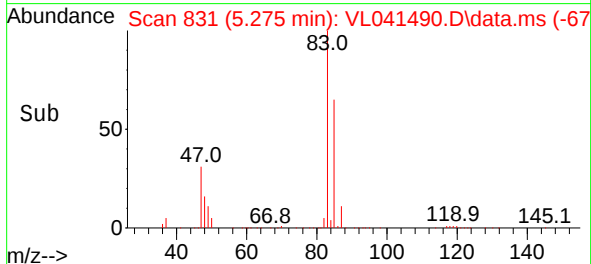
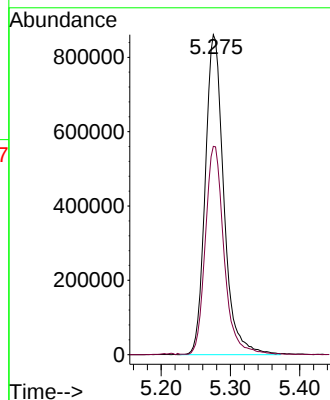
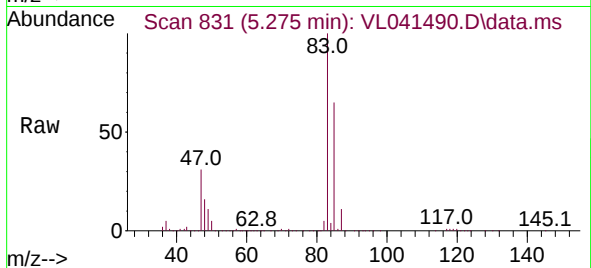
VSTDCCC010EC

Tgt Ion: 83 Resp: 1598436

Ion Ratio Lower Upper

83 100

85 64.9 53.1 79.7



#30

Cyclohexane

Concen: 12.990 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

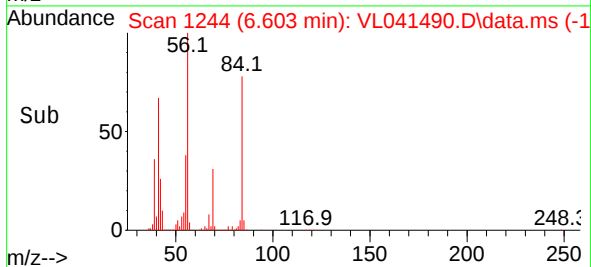
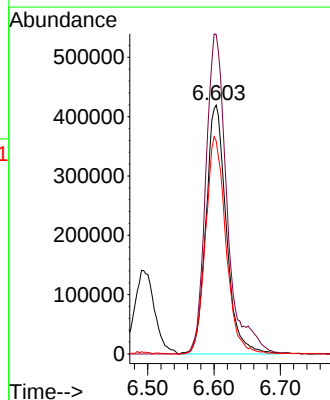
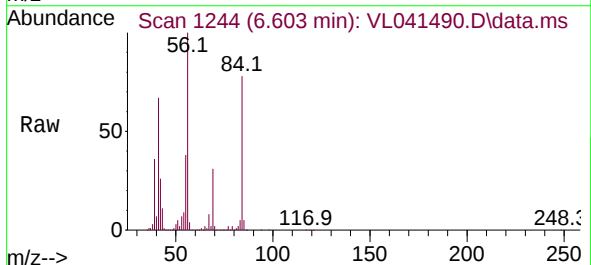
Tgt Ion: 84 Resp: 892578

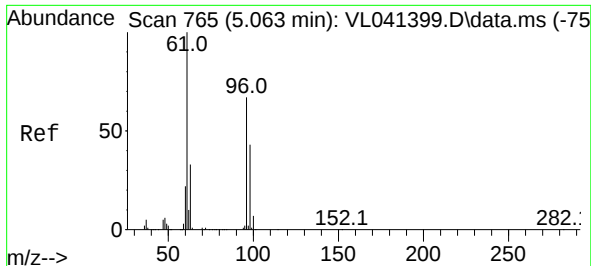
Ion Ratio Lower Upper

84 100

56 134.8 111.2 166.8

41 87.4 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 12.293 ppbv

RT: 5.079 min Scan# 71

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

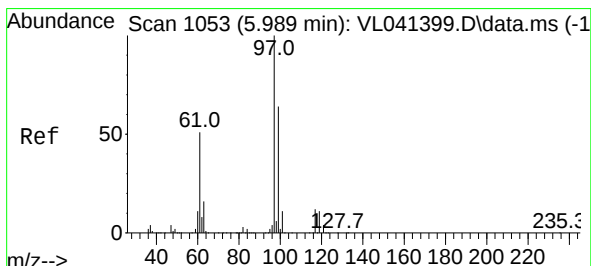
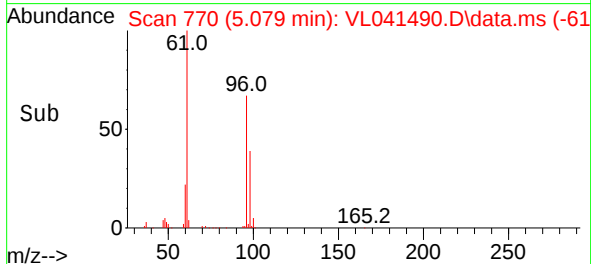
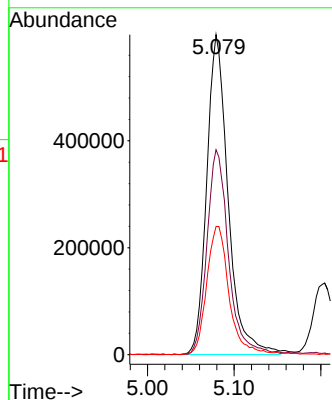
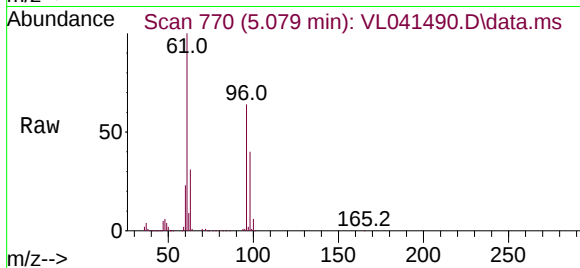
Tgt Ion: 61 Resp: 1024712

Ion Ratio Lower Upper

61 100

96 64.0 53.4 80.2

98 40.1 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 11.586 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

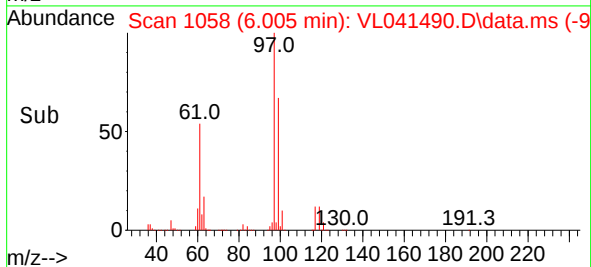
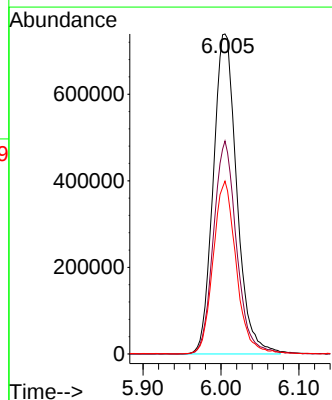
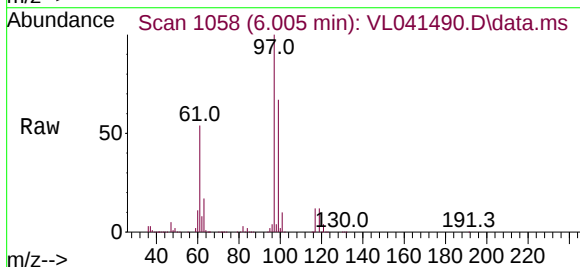
Tgt Ion: 97 Resp: 1552184

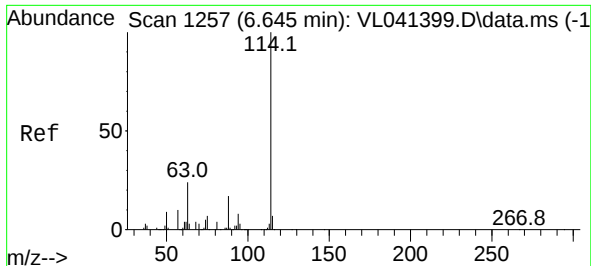
Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 52.8 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

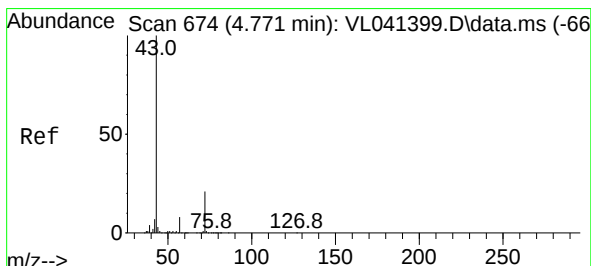
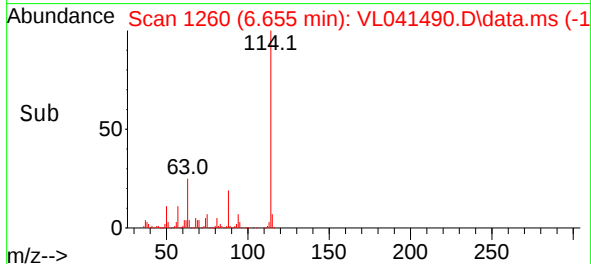
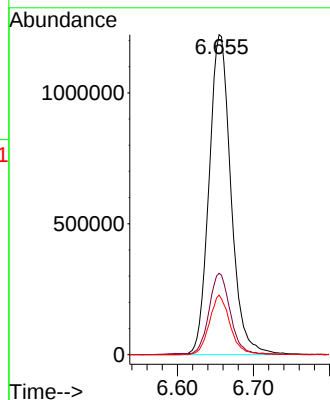
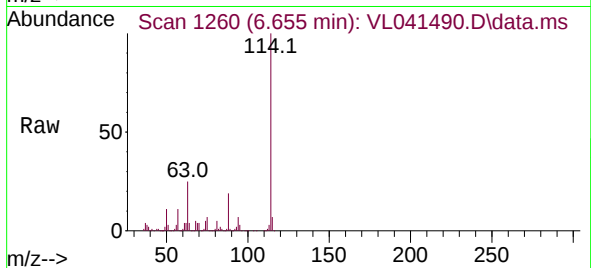
Tgt Ion:114 Resp: 2440371

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 12.763 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.003 min

Lab File: VL041490.D

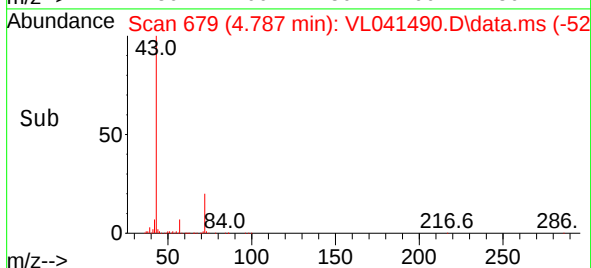
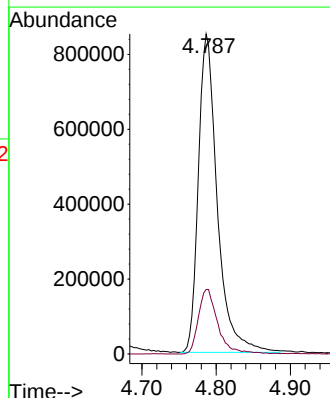
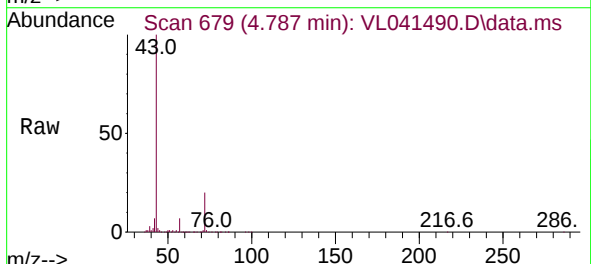
Acq: 1 Aug 2024 23:27

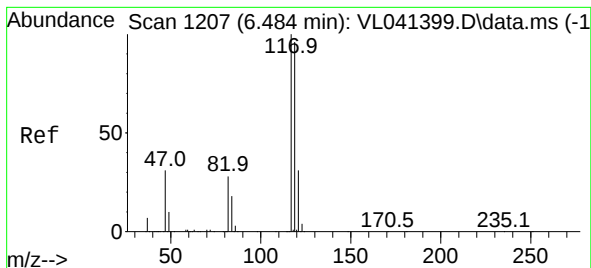
Tgt Ion: 43 Resp: 1506677

Ion Ratio Lower Upper

43 100

72 21.1 17.3 25.9





#35

Carbon Tetrachloride

Concen: 12.129 ppbv

RT: 6.494 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

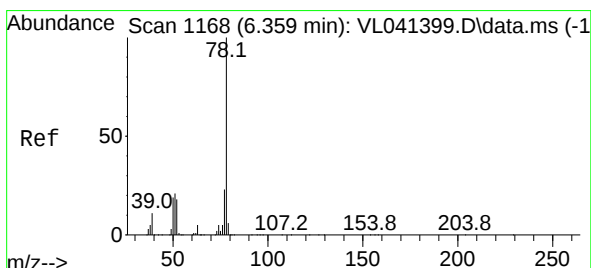
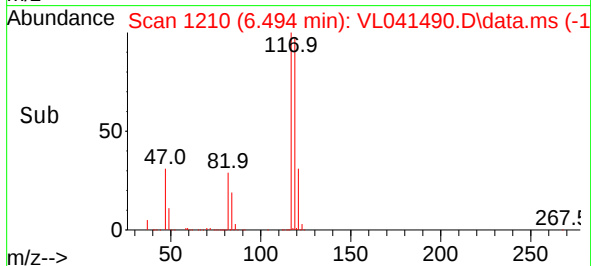
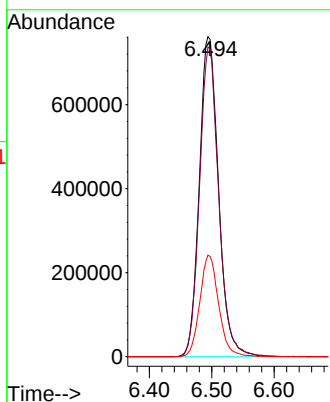
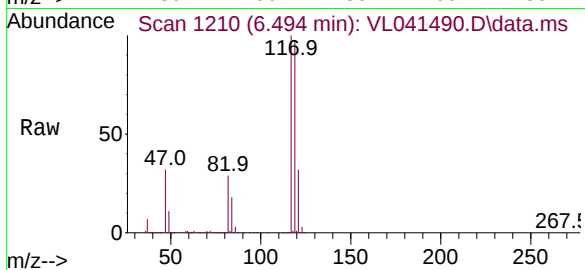
Tgt Ion:117 Resp: 1632555

Ion Ratio Lower Upper

117 100

119 96.6 76.6 115.0

121 31.8 25.1 37.7



#36

Benzene

Concen: 12.400 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

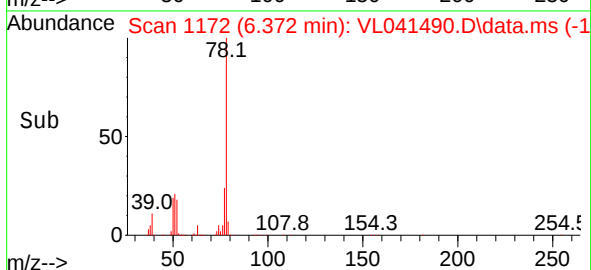
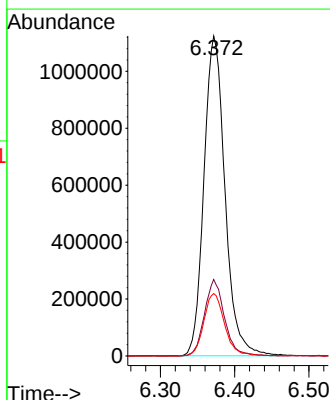
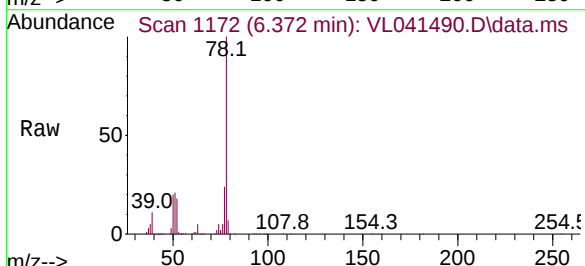
Tgt Ion: 78 Resp: 2211114

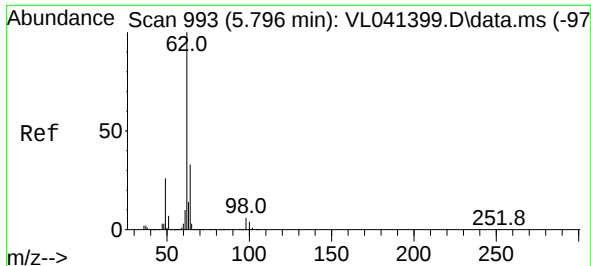
Ion Ratio Lower Upper

78 100

77 23.9 18.1 27.1

50 19.5 15.5 23.3





#37

1,2-Dichloroethane

Concen: 12.323 ppbv

RT: 5.806 min Scan# 993

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_1

ClientSampleId :

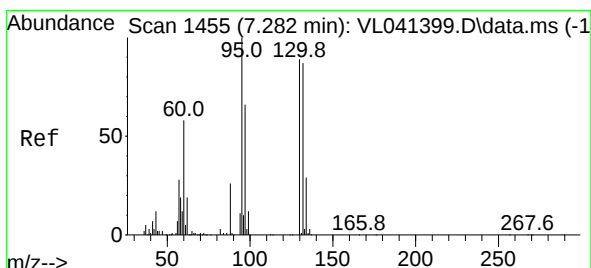
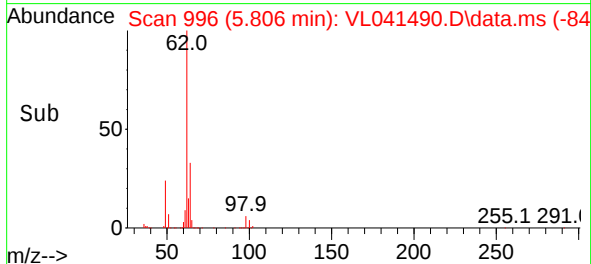
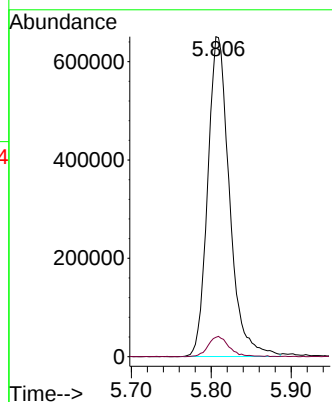
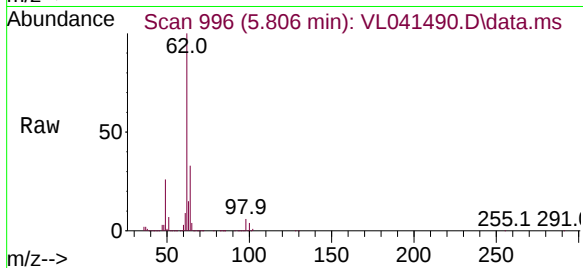
VSTDCCC010EC

Tgt Ion: 62 Resp: 1229905

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 10.820 ppbv

RT: 7.294 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Tgt Ion:130 Resp: 883896

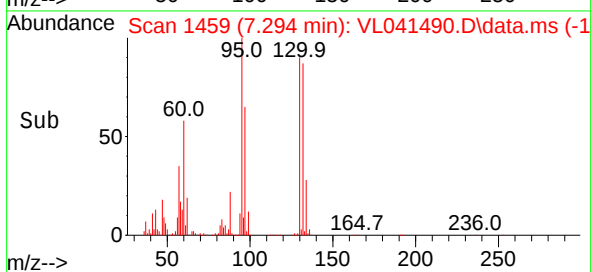
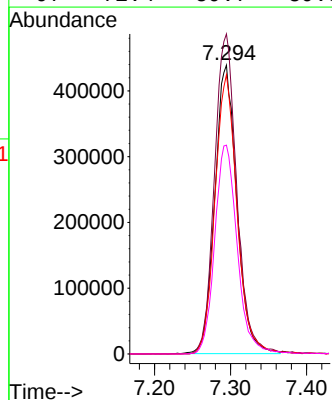
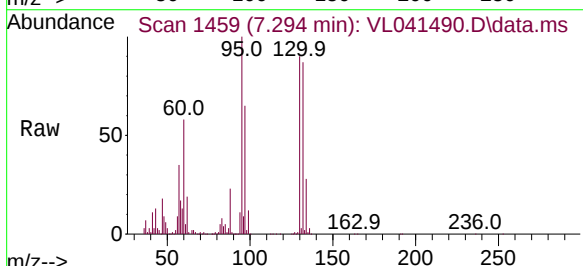
Ion Ratio Lower Upper

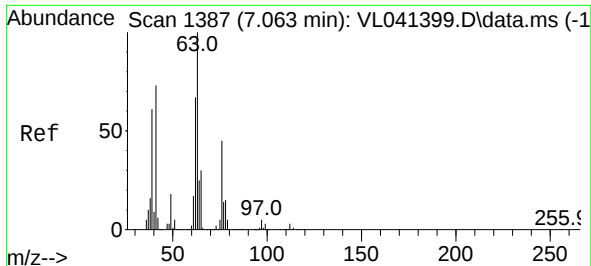
130 100

95 110.9 90.2 135.2

132 96.8 78.1 117.1

97 72.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 12.457 ppbv

RT: 7.076 min Scan# 1439

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

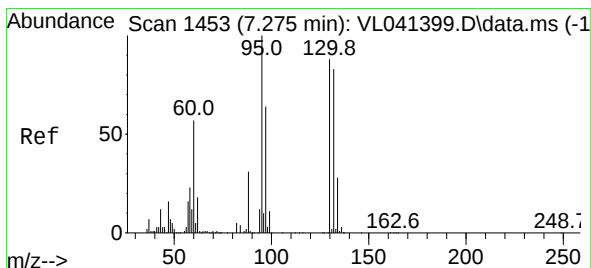
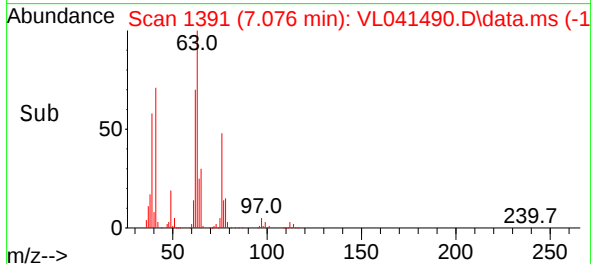
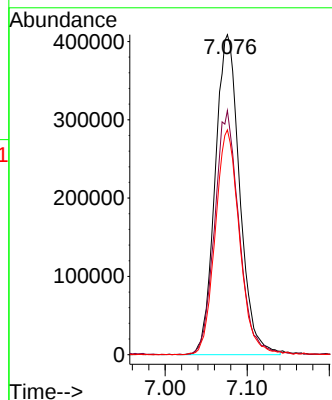
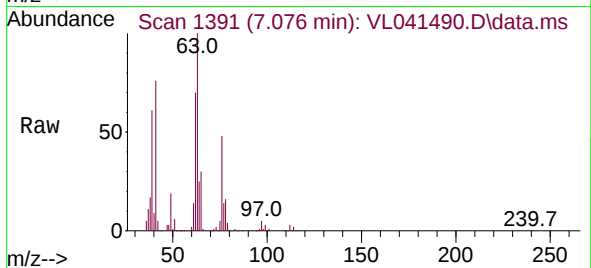
Tgt Ion: 63 Resp: 850417

Ion Ratio Lower Upper

63 100

41 76.1 58.3 87.5

62 70.2 53.9 80.9



#40

1,4-Dioxane

Concen: 9.177 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.013 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Tgt Ion: 88 Resp: 251673

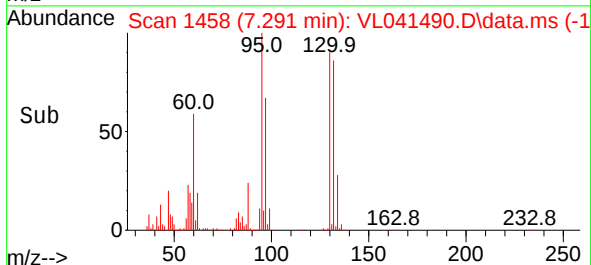
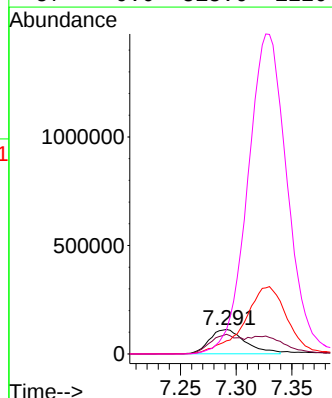
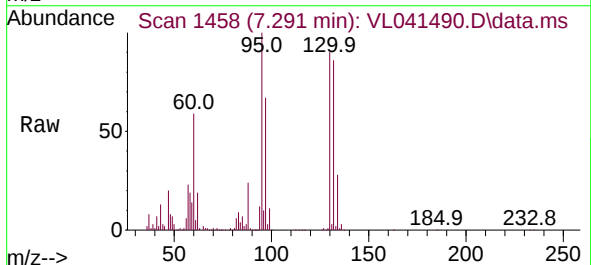
Ion Ratio Lower Upper

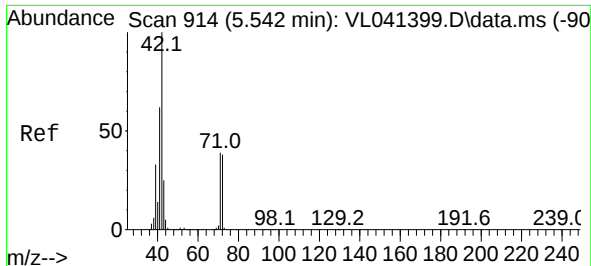
88 100

58 68.3 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 13.290 ppbv

RT: 5.555 min Scan# 914

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

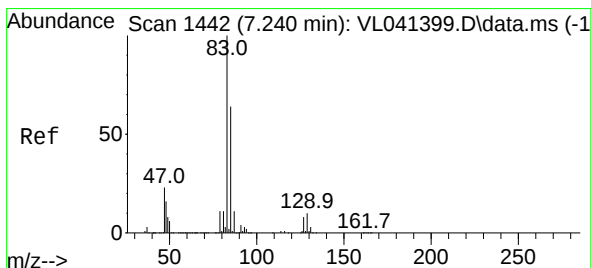
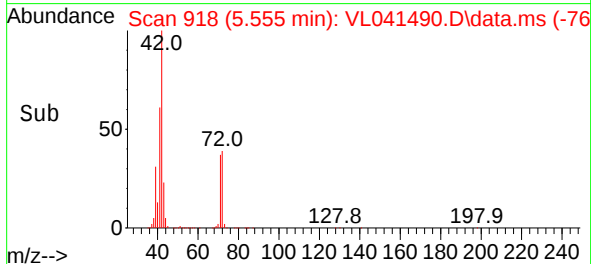
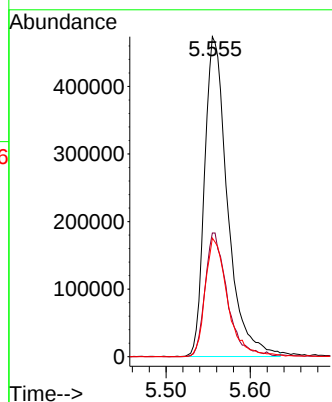
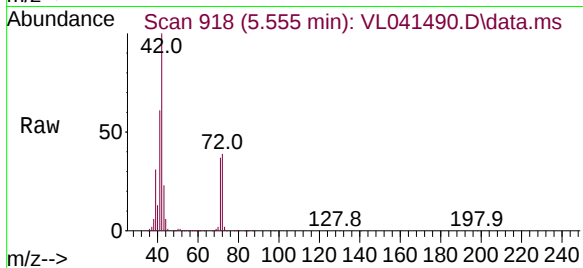
Tgt Ion: 42 Resp: 897319

Ion Ratio Lower Upper

42 100

72 38.1 31.2 46.8

71 36.7 30.5 45.7



#42

Bromodichloromethane

Concen: 12.096 ppbv

RT: 7.249 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

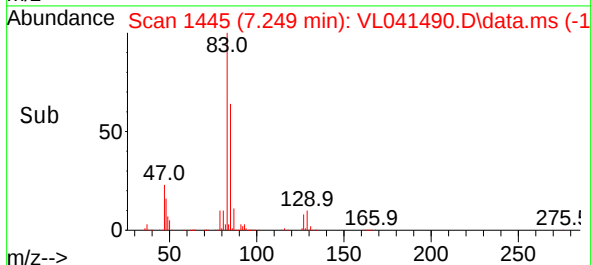
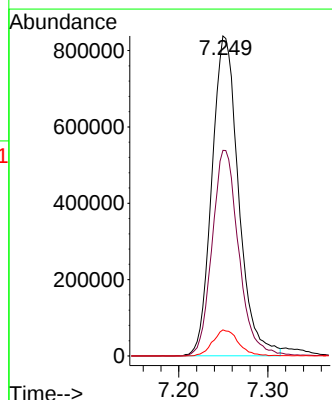
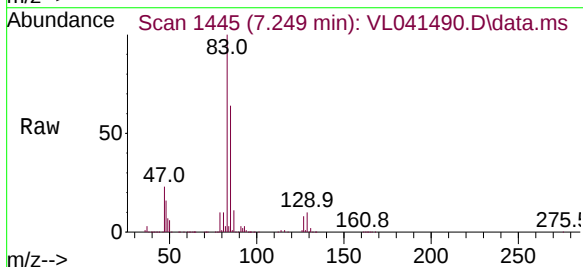
Tgt Ion: 83 Resp: 1743246

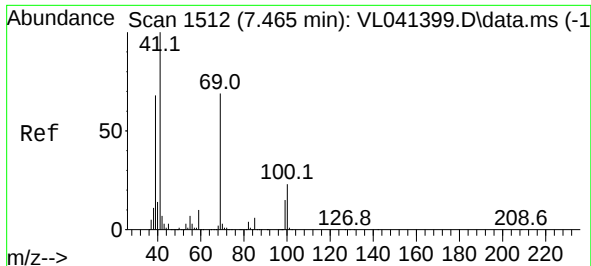
Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

127 8.2 6.7 10.1





#43

Methyl Methacrylate

Concen: 14.059 ppbv

RT: 7.475 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

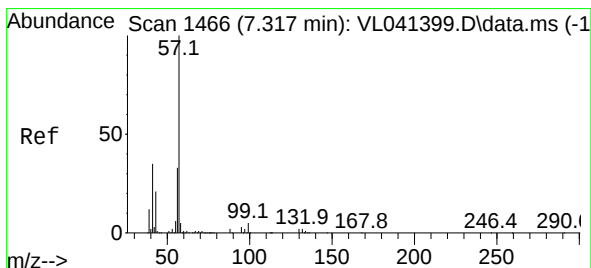
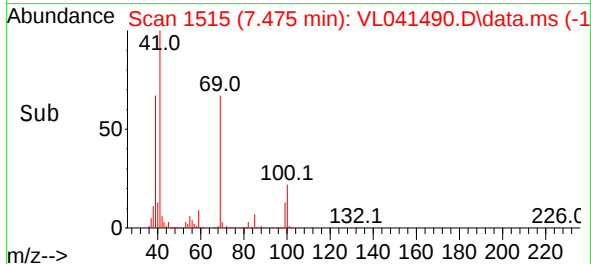
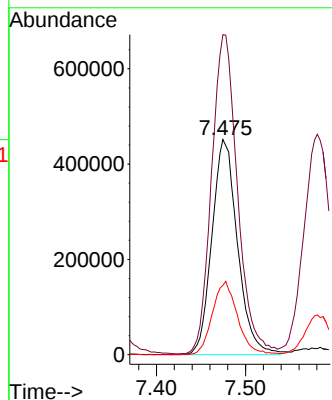
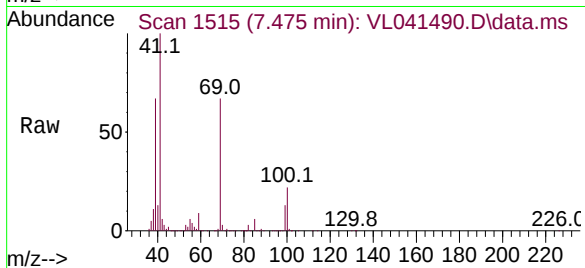
Tgt Ion: 69 Resp: 898969

Ion Ratio Lower Upper

69 100

41 151.5 118.7 178.1

100 33.6 27.0 40.4



#44

2,2,4-Trimethylpentane

Concen: 12.300 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

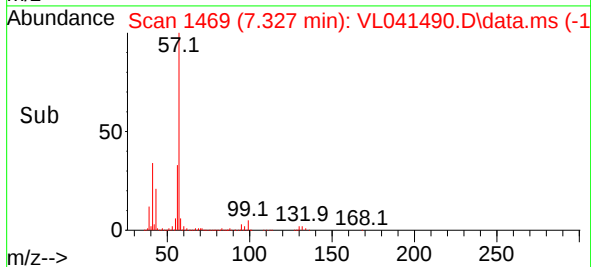
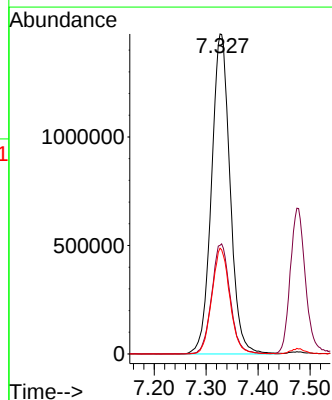
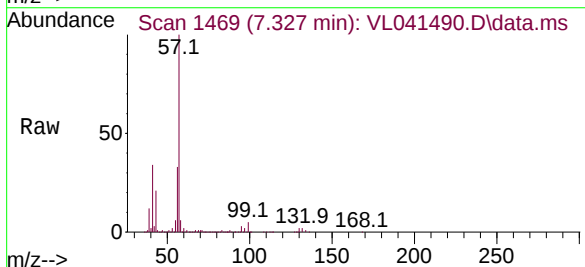
Tgt Ion: 57 Resp: 3663383

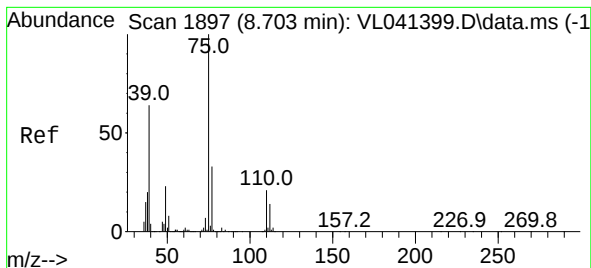
Ion Ratio Lower Upper

57 100

41 34.0 27.0 40.6

56 32.1 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 15.987 ppbv

RT: 8.712 min Scan# 1897

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

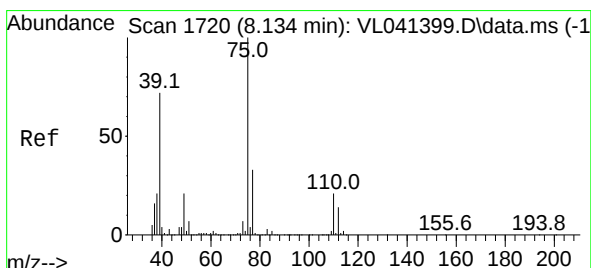
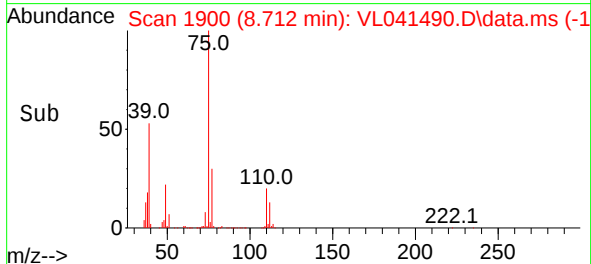
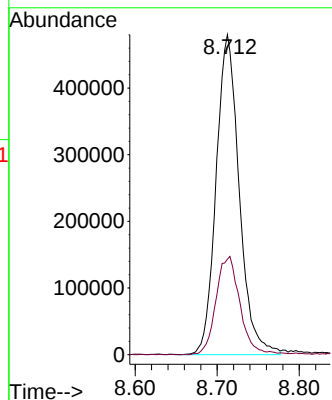
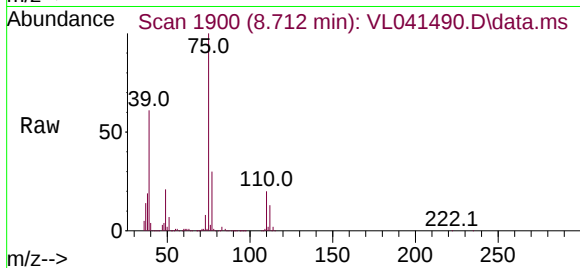
VSTDCCC010EC

Tgt Ion: 75 Resp: 940935

Ion Ratio Lower Upper

75 100

77 29.8 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 14.434 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

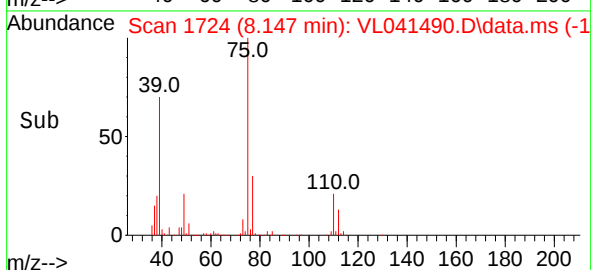
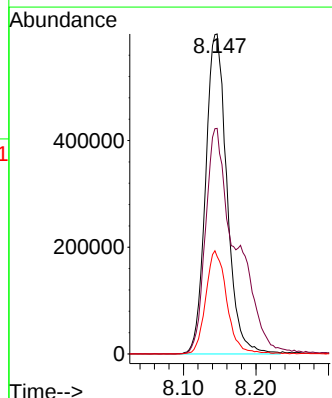
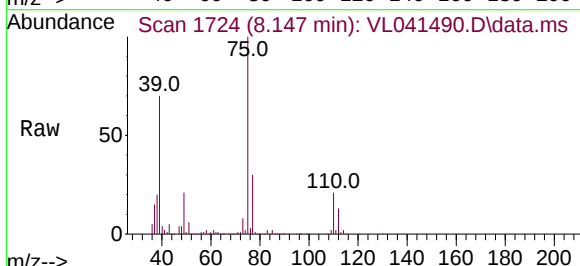
Tgt Ion: 75 Resp: 1226694

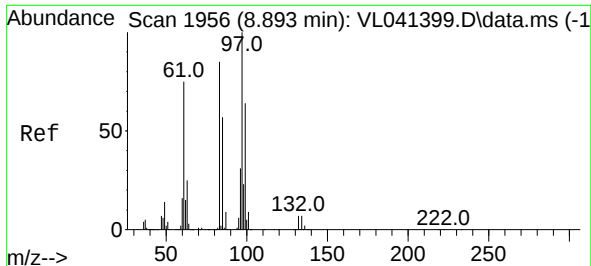
Ion Ratio Lower Upper

75 100

39 70.4 57.3 85.9

77 30.4 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 12.064 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 907844

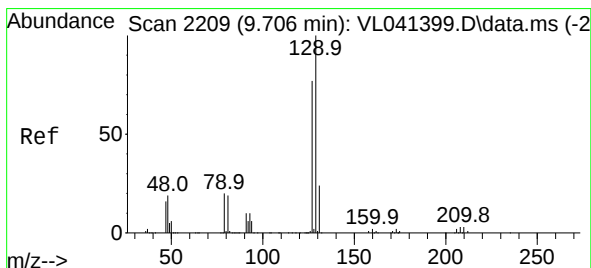
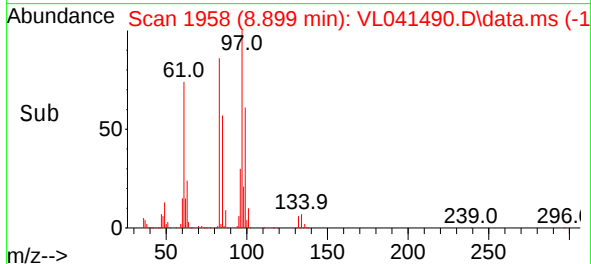
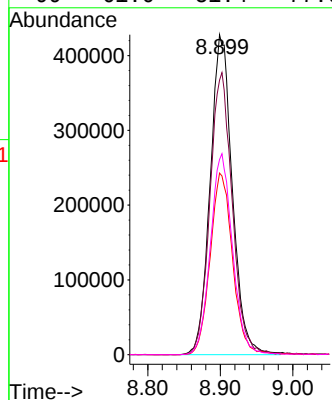
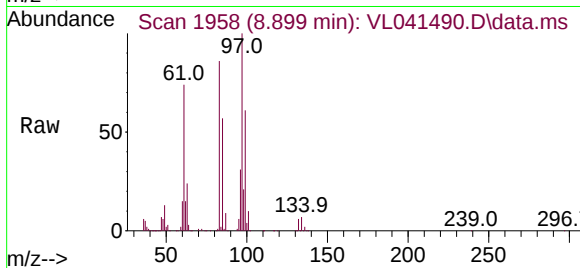
Ion Ratio Lower Upper

97 100

83 85.7 67.6 101.4

85 56.8 45.9 68.9

99 61.0 51.4 77.0



#48

Dibromochloromethane

Concen: 12.350 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VL041490.D

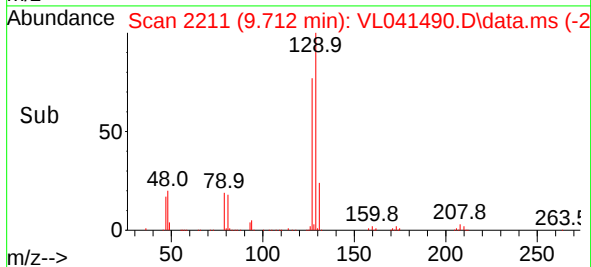
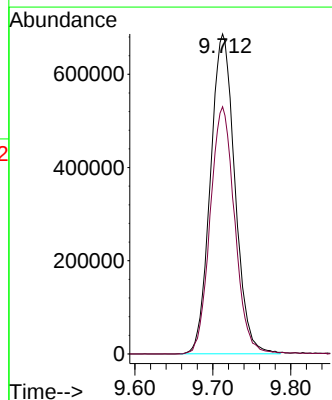
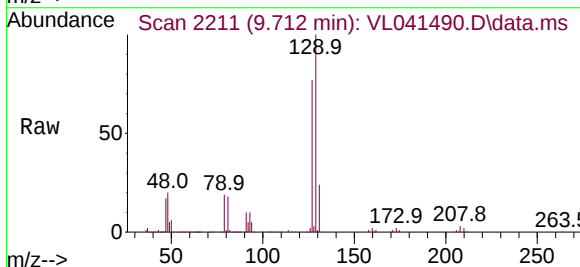
Acq: 1 Aug 2024 23:27

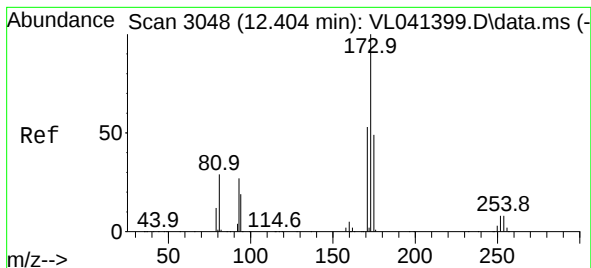
Tgt Ion: 129 Resp: 1497146

Ion Ratio Lower Upper

129 100

127 77.8 39.3 117.8





#49

Bromoform

Concen: 12.472 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

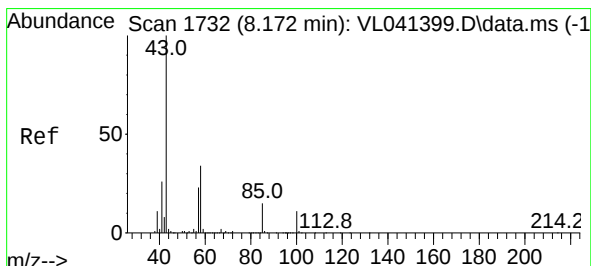
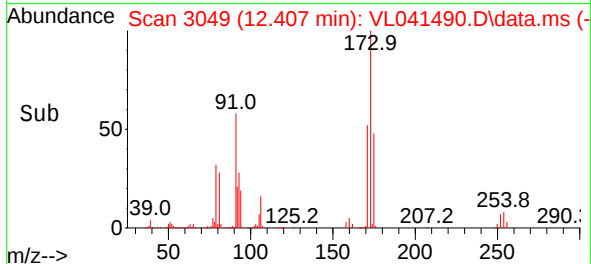
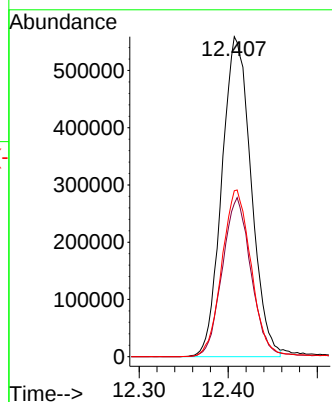
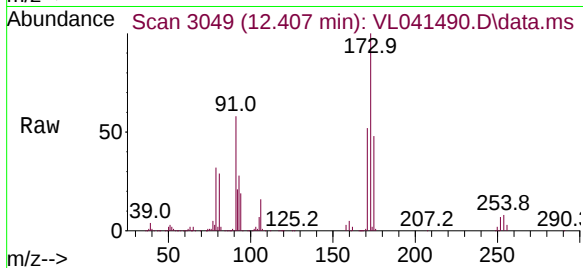
Tgt Ion:173 Resp: 1277172

Ion Ratio Lower Upper

173 100

175 49.4 39.9 59.9

171 52.8 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 12.945 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041490.D

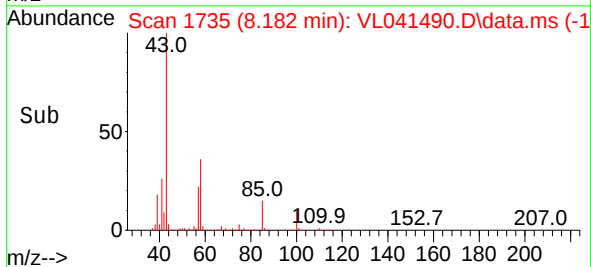
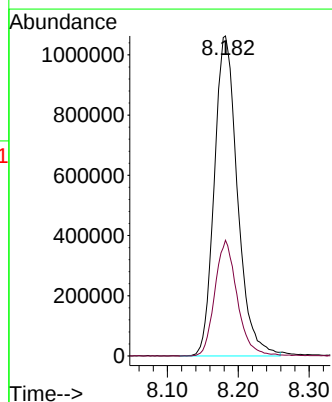
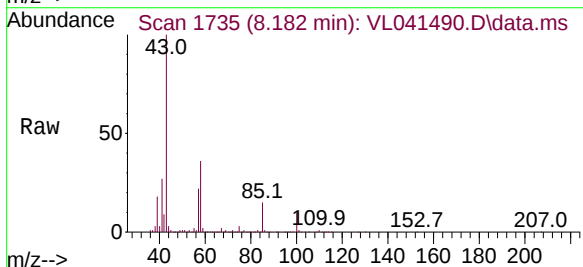
Acq: 1 Aug 2024 23:27

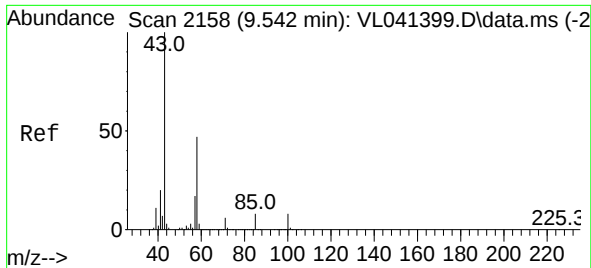
Tgt Ion: 43 Resp: 2411017

Ion Ratio Lower Upper

43 100

58 35.1 27.9 41.9

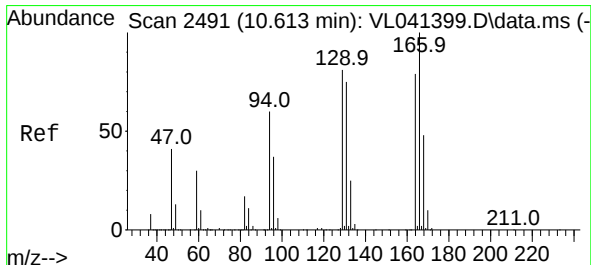
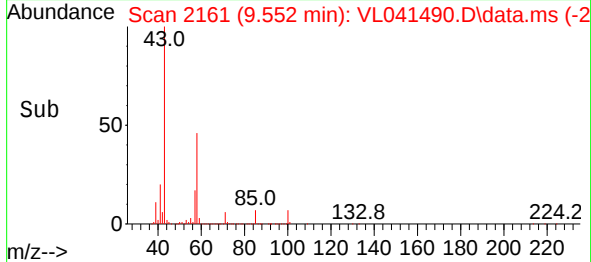
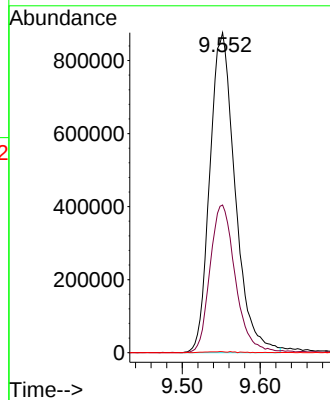
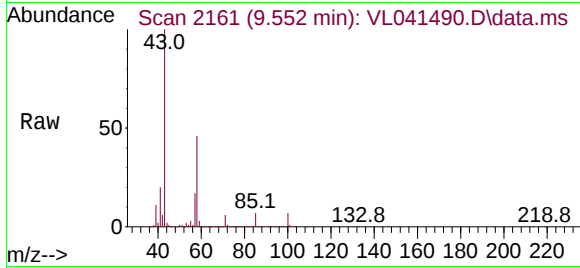




#51
2-Hexanone
Concen: 14.068 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

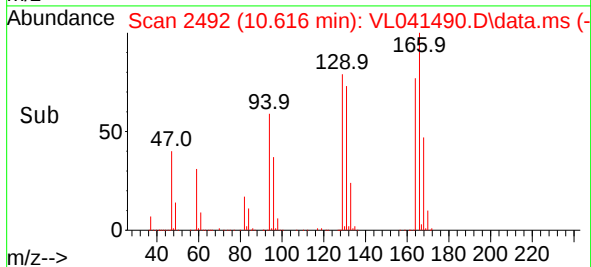
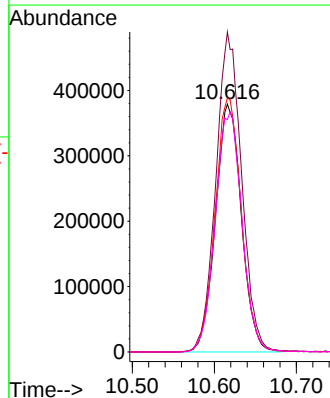
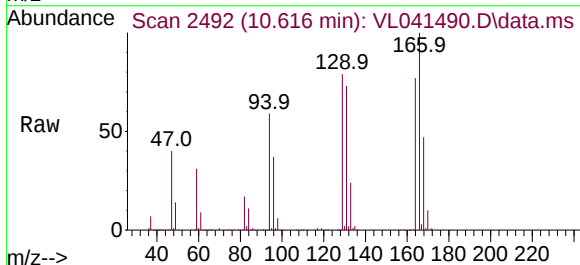
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

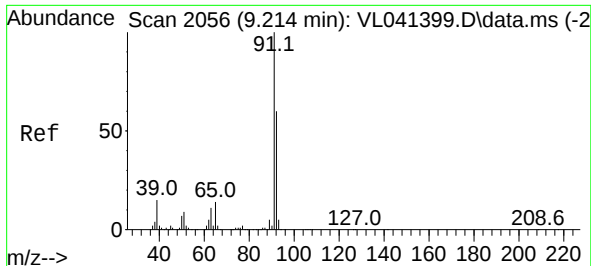
Tgt Ion: 43 Resp: 1981191
Ion Ratio Lower Upper
43 100
58 46.7 38.2 57.2
98 0.5 0.3 0.5



#52
Tetrachloroethene
Concen: 12.072 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion:164 Resp: 831788
Ion Ratio Lower Upper
164 100
166 129.1 101.1 151.7
129 102.4 81.7 122.5
131 93.8 76.2 114.4





#53

Toluene

Concen: 12.887 ppbv

RT: 9.220 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

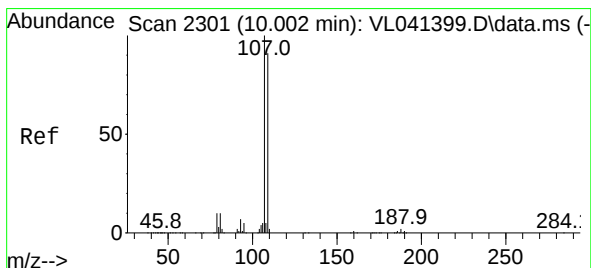
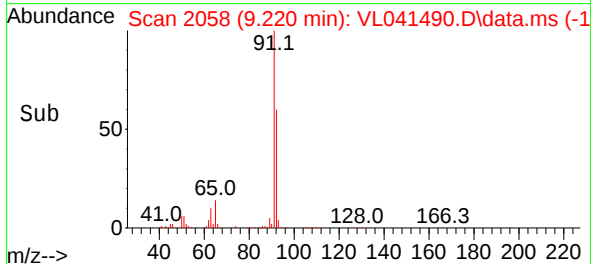
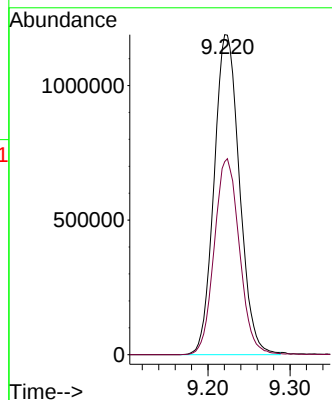
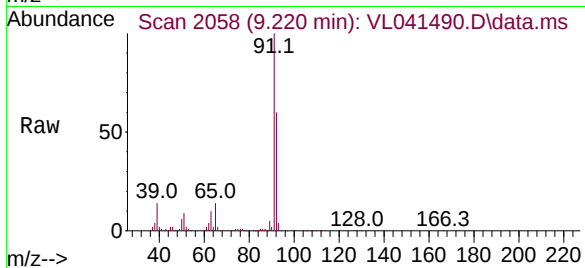
VSTDCCC010EC

Tgt Ion: 91 Resp: 2559648

Ion Ratio Lower Upper

91 100

92 60.9 48.7 73.1



#54

1,2-Dibromoethane

Concen: 13.249 ppbv

RT: 10.008 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VL041490.D

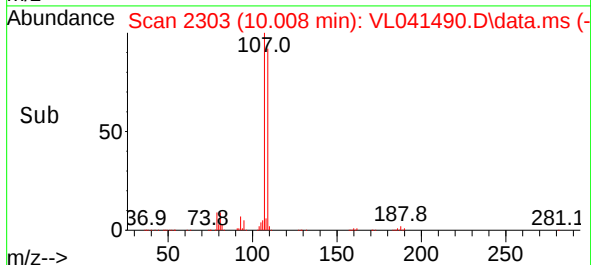
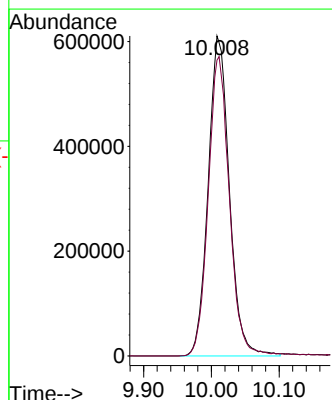
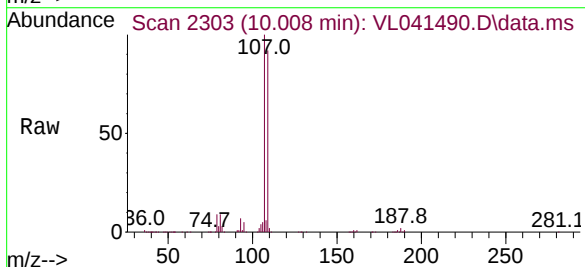
Acq: 1 Aug 2024 23:27

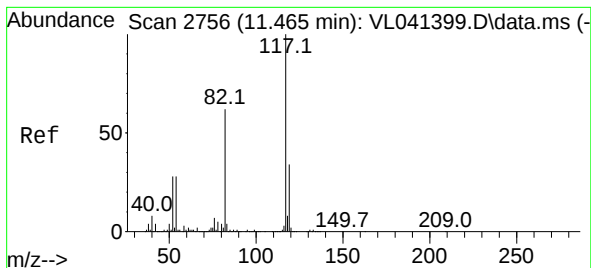
Tgt Ion:107 Resp: 1327043

Ion Ratio Lower Upper

107 100

109 92.4 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

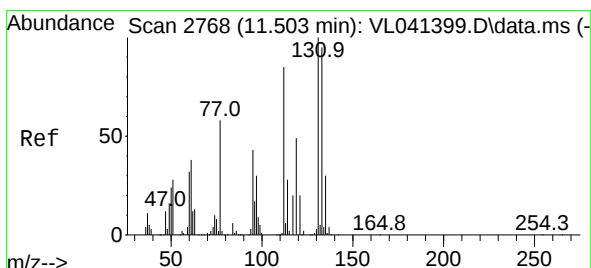
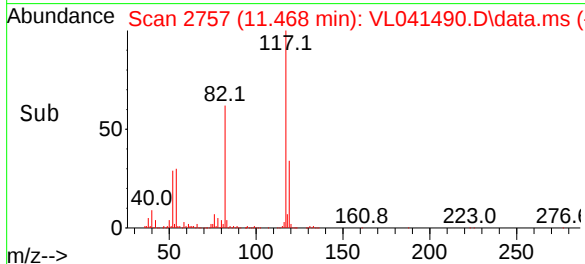
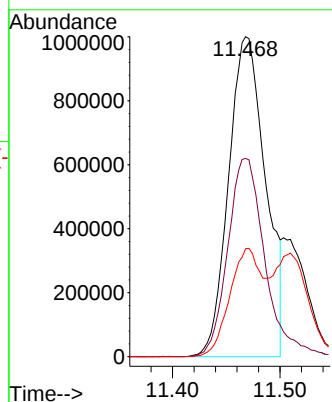
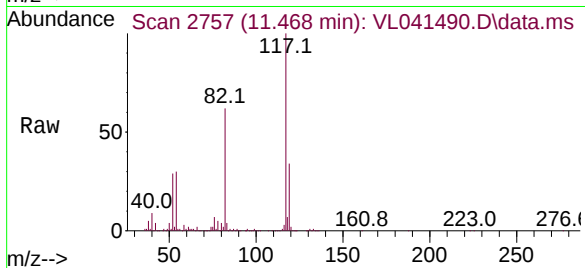
Tgt Ion:117 Resp: 2393272

Ion Ratio Lower Upper

117 100

82 62.8 51.0 76.6

119 27.8 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 11.906 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

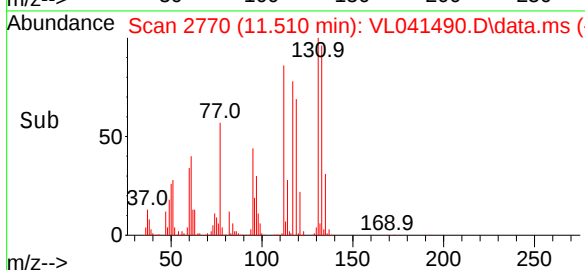
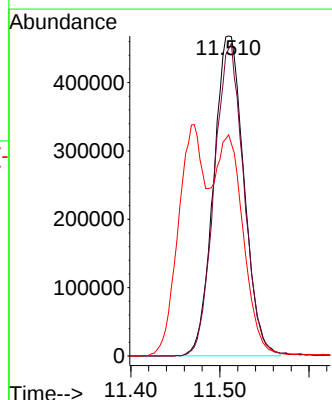
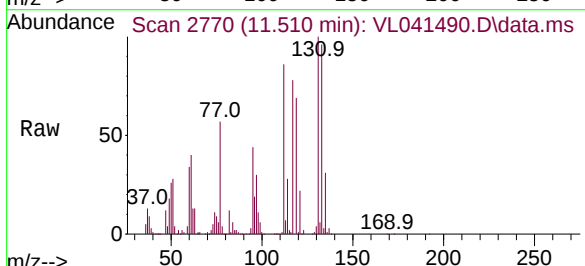
Tgt Ion:131 Resp: 1105067

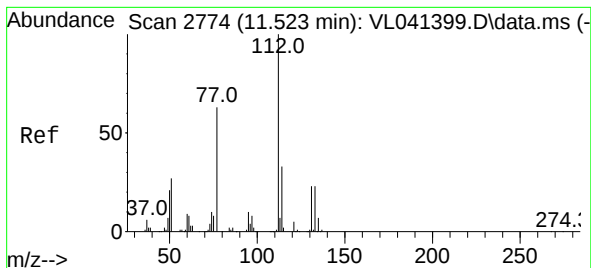
Ion Ratio Lower Upper

131 100

133 96.1 77.0 115.4

119 67.2 121.5 182.3#

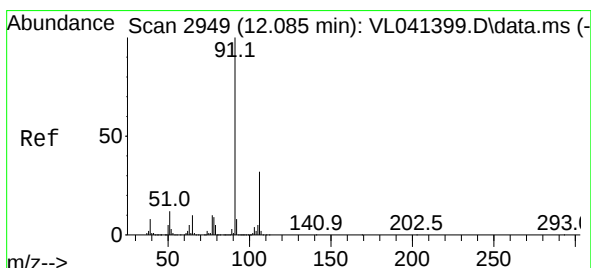
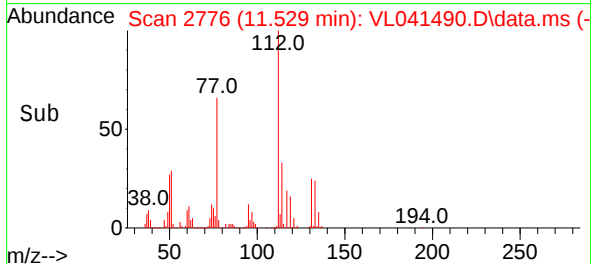
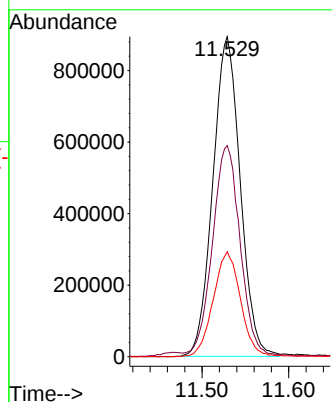
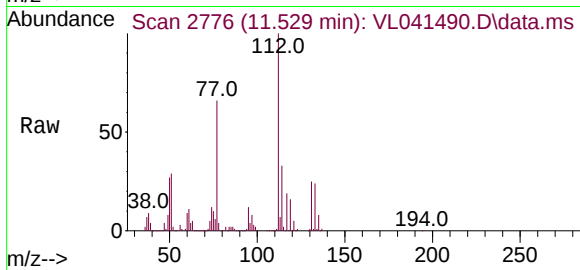




#57
Chlorobenzene
Concen: 11.540 ppbv
RT: 11.529 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

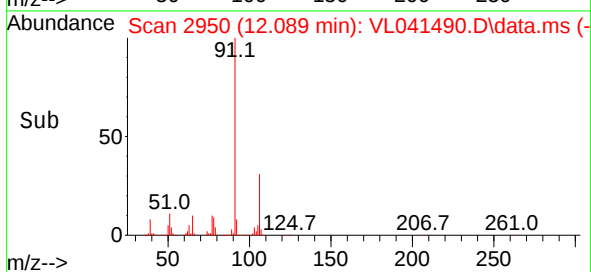
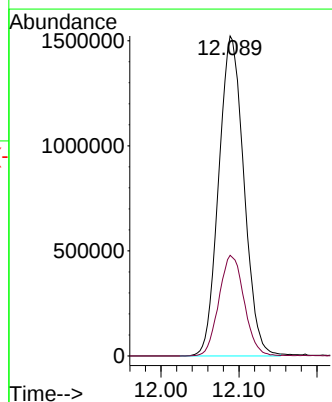
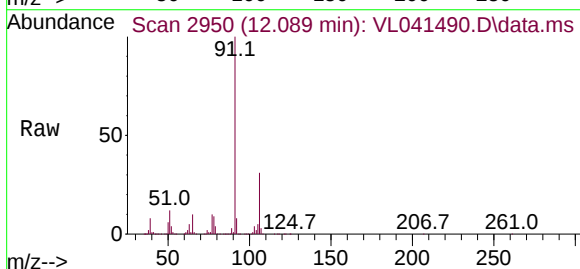
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

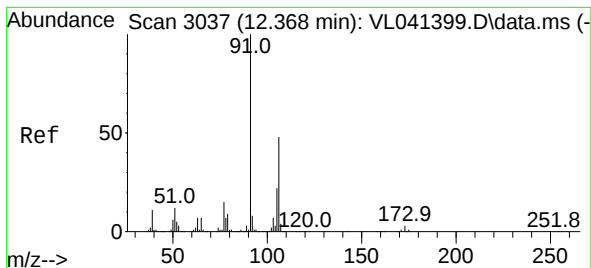
Tgt Ion:112 Resp: 1966419
Ion Ratio Lower Upper
112 100
77 65.3 51.1 76.7
114 32.8 29.5 36.1



#58
Ethyl Benzene
Concen: 12.380 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 91 Resp: 3415080
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8

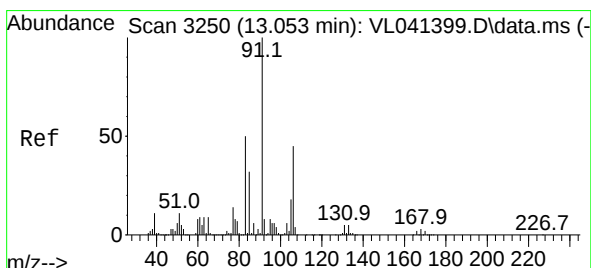
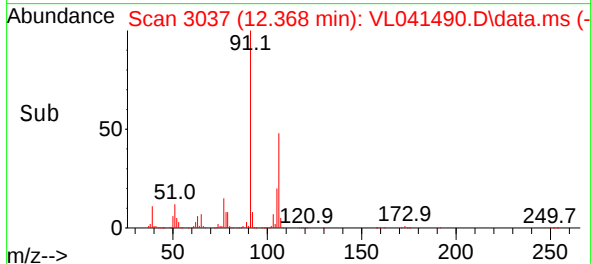
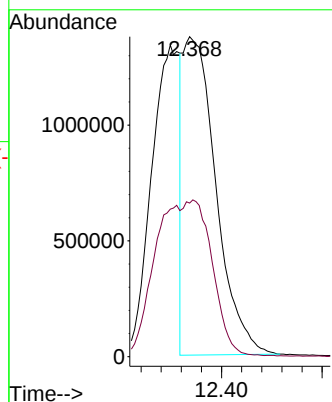
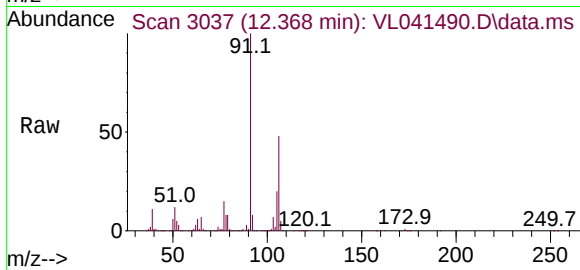




#59
m/p-Xylene
Concen: 13.109 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

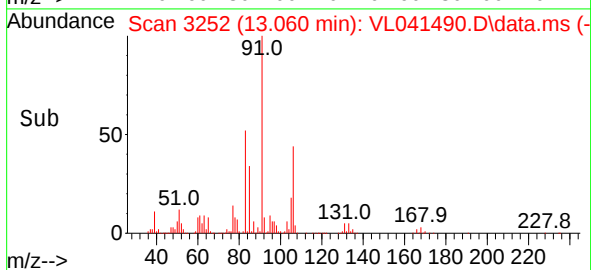
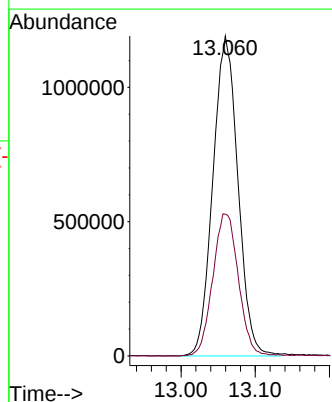
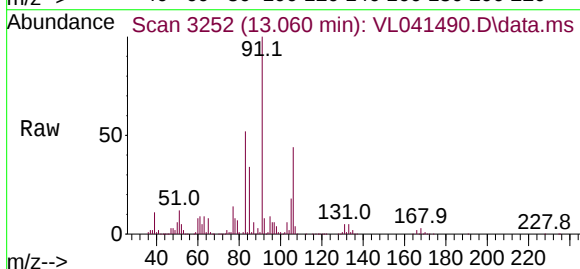
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

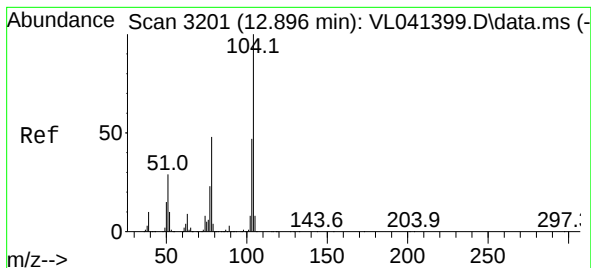
Tgt Ion: 91 Resp: 3121610
Ion Ratio Lower Upper
91 100
106 85.4 36.3 54.5#



#60
o-Xylene
Concen: 12.380 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 91 Resp: 2788764
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3





#61

Styrene

Concen: 13.517 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

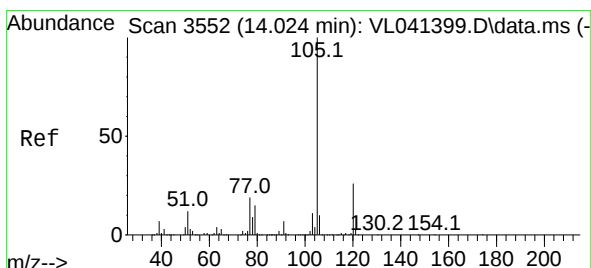
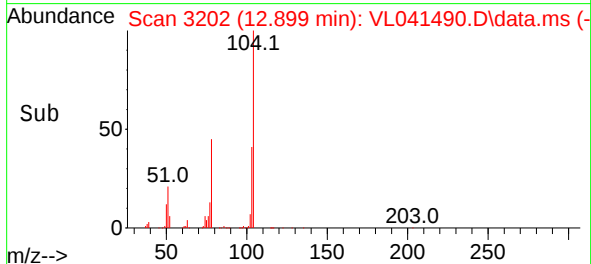
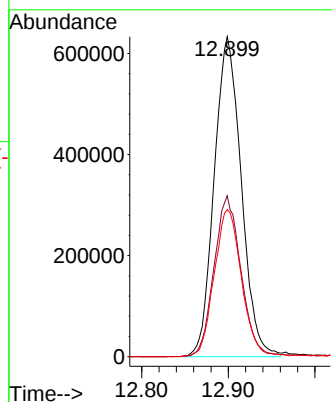
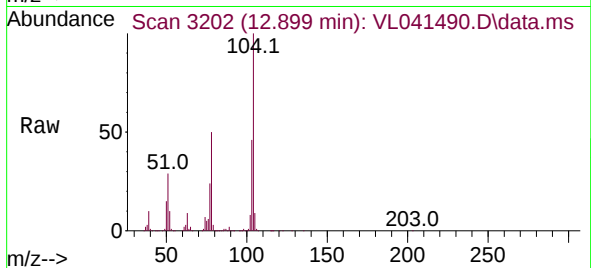
Tgt Ion:104 Resp: 1373671

Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 46.9 38.2 57.4



#62

Isopropylbenzene

Concen: 12.017 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041490.D

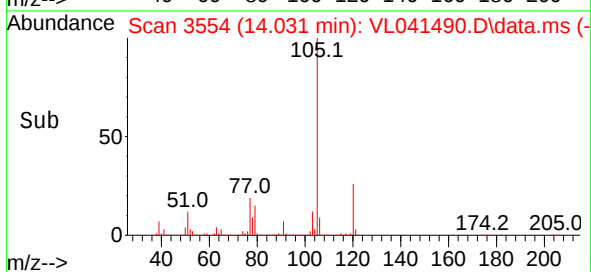
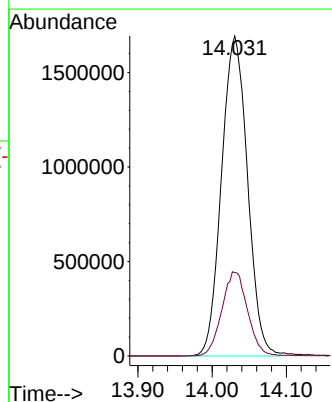
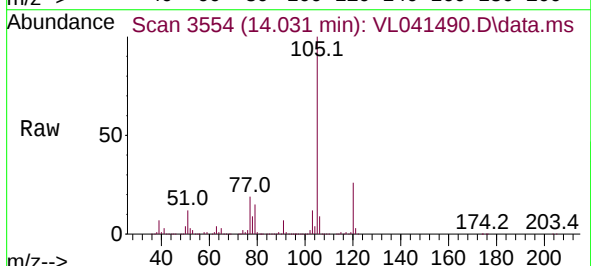
Acq: 1 Aug 2024 23:27

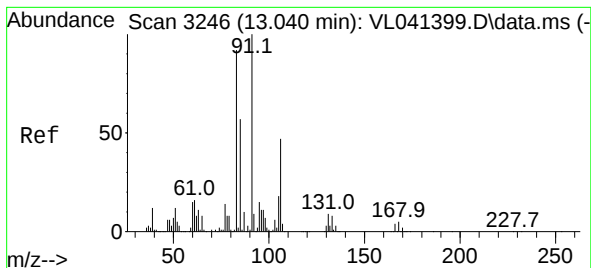
Tgt Ion:105 Resp: 4115275

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4





#63

1,1,2,2-Tetrachloroethane

Concen: 13.453 ppbv

RT: 13.047 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

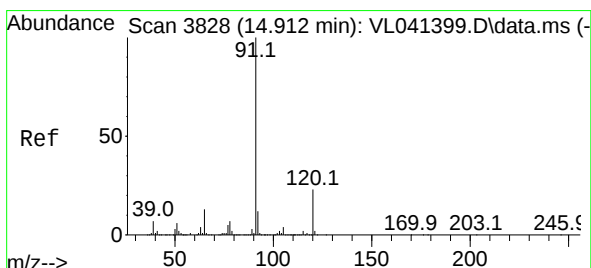
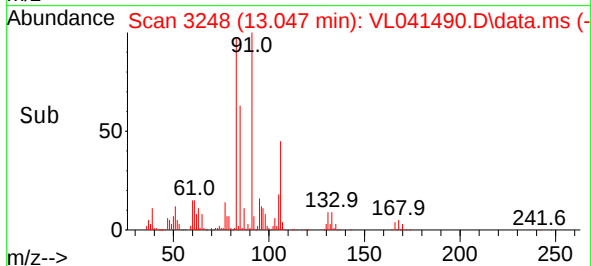
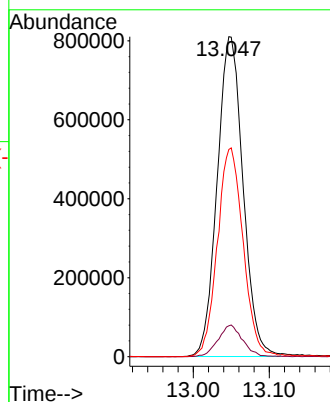
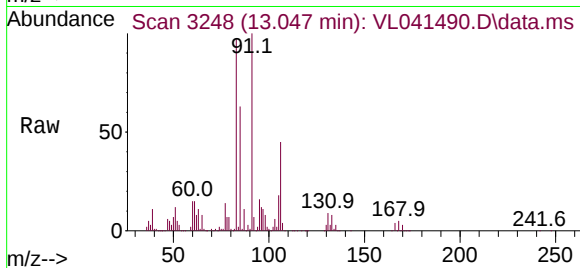
Tgt Ion: 83 Resp: 1913649

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 65.5 32.6 98.0



#64

n-propylbenzene

Concen: 12.276 ppbv

RT: 14.918 min Scan# 3830

Delta R.T. 0.006 min

Lab File: VL041490.D

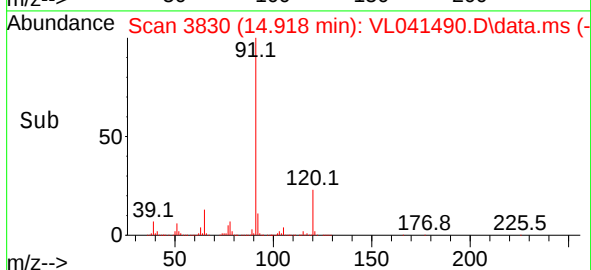
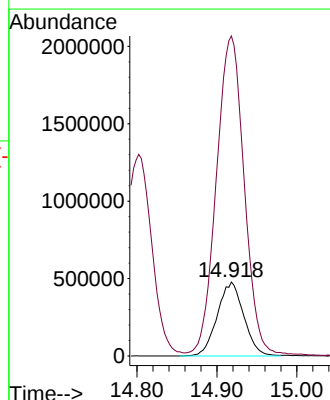
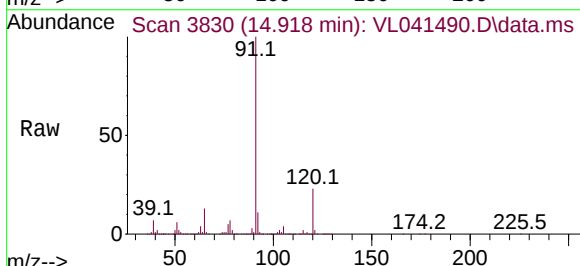
Acq: 1 Aug 2024 23:27

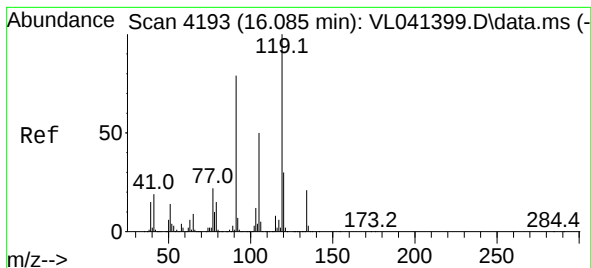
Tgt Ion:120 Resp: 1099056

Ion Ratio Lower Upper

120 100

91 458.0 361.4 542.0

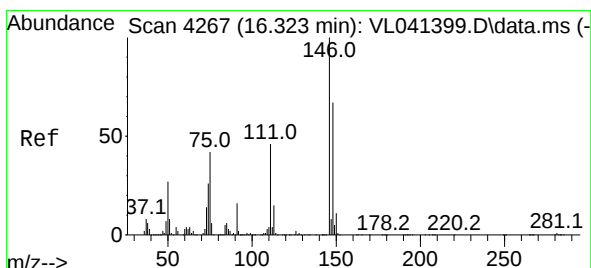
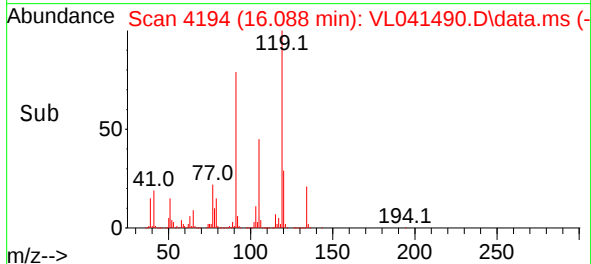
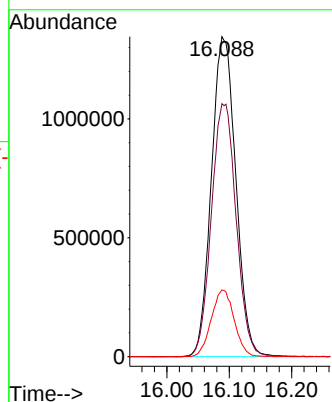
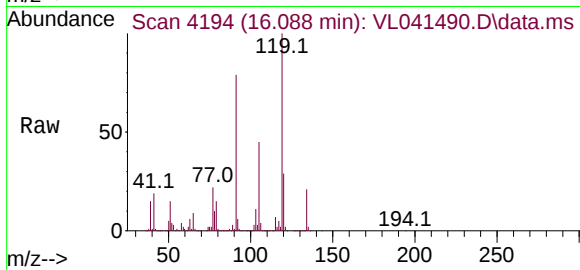




#65
tert-Butylbenzene
Concen: 11.843 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. -0.000 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

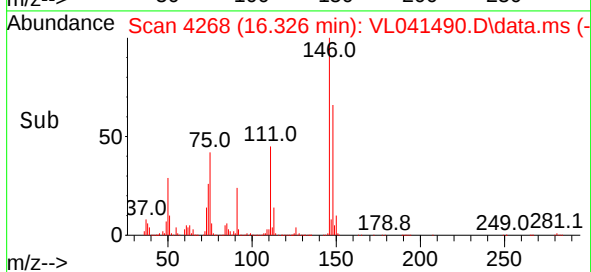
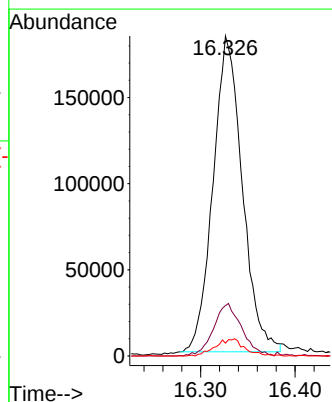
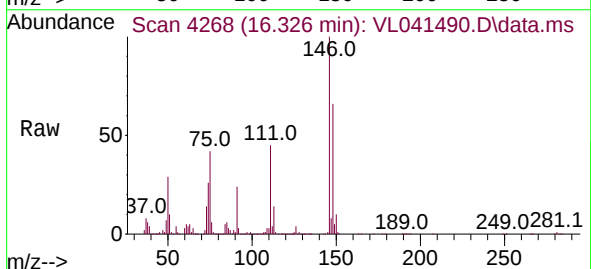
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

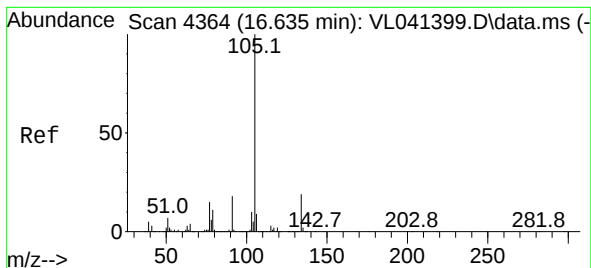
Tgt Ion:119 Resp: 3663095
Ion Ratio Lower Upper
119 100
91 80.3 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 19.840 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion: 91 Resp: 393602
Ion Ratio Lower Upper
91 100
126 16.4 13.8 20.8
128 5.4 4.4 6.6





#67

sec-Butylbenzene

Concen: 12.017 ppbv

RT: 16.638 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

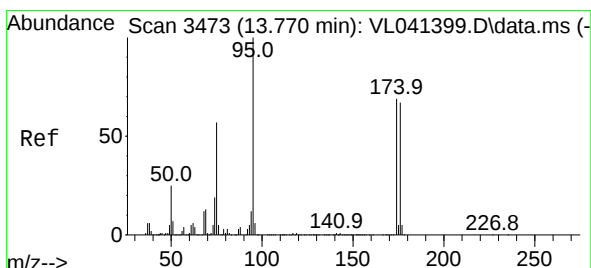
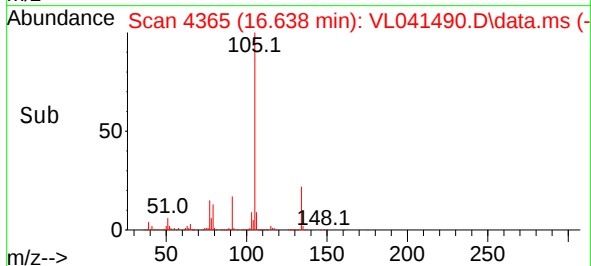
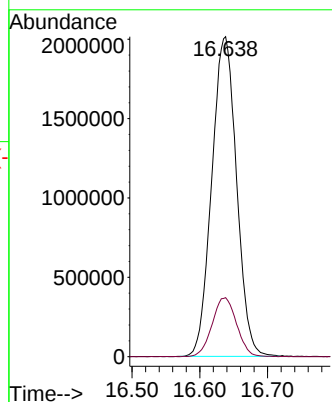
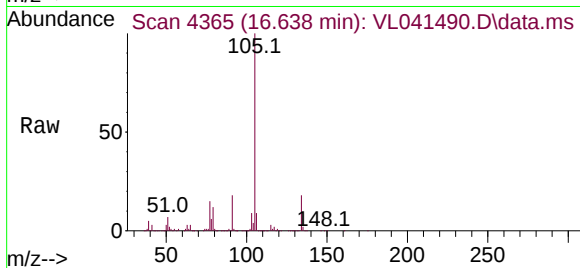
VSTDCCC010EC

Tgt Ion:105 Resp: 5121312

Ion Ratio Lower Upper

105 100

134 18.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.137 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

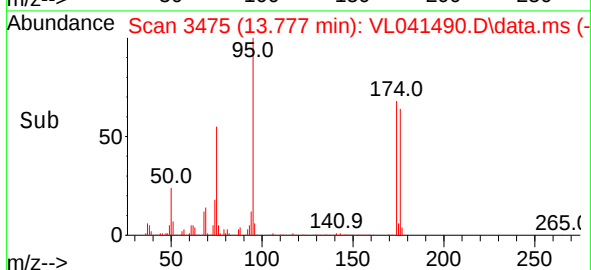
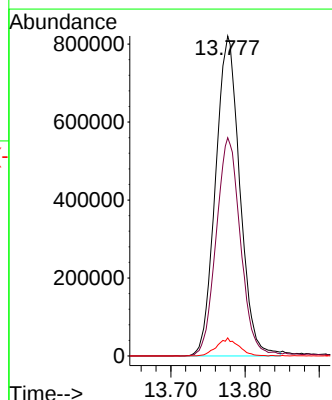
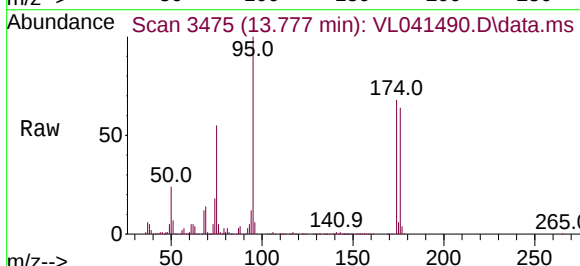
Tgt Ion: 95 Resp: 1866942

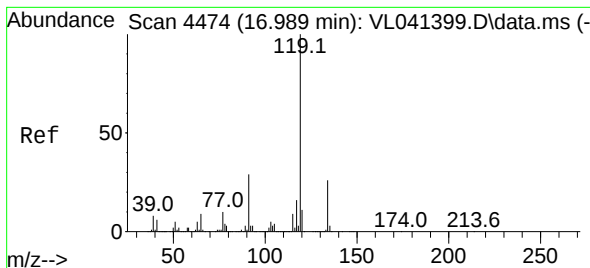
Ion Ratio Lower Upper

95 100

174 69.4 56.3 84.5

175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 12.237 ppbv

RT: 16.995 min Scan# 4476

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

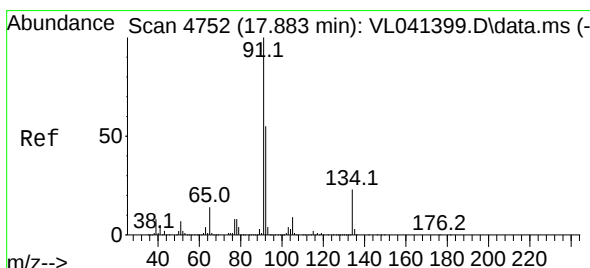
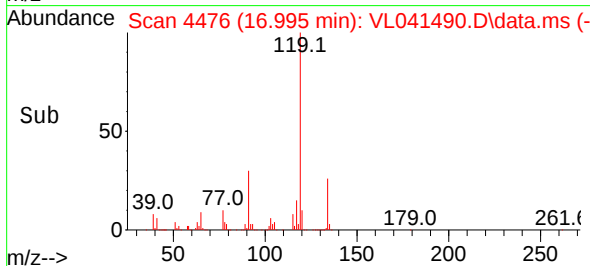
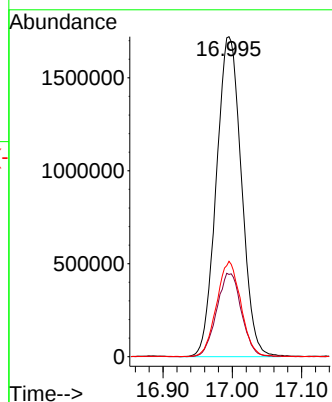
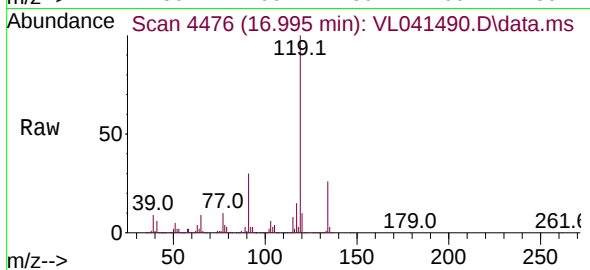
Tgt Ion:119 Resp: 4327480

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

91 28.7 23.2 34.8



#70

n-Butylbenzene

Concen: 12.241 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

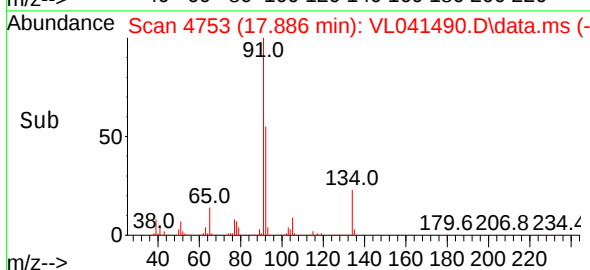
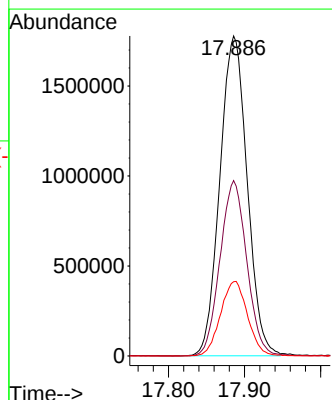
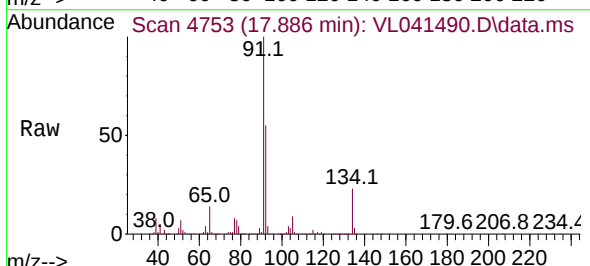
Tgt Ion: 91 Resp: 4437633

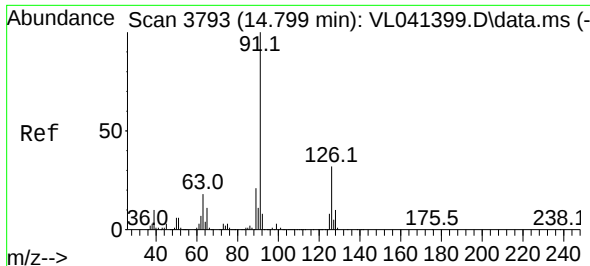
Ion Ratio Lower Upper

91 100

92 53.7 43.2 64.8

134 23.2 18.5 27.7

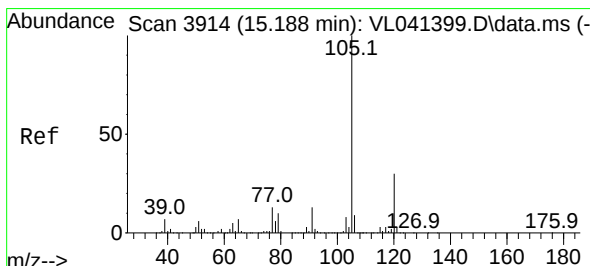
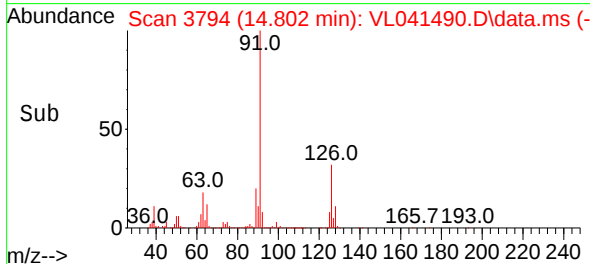
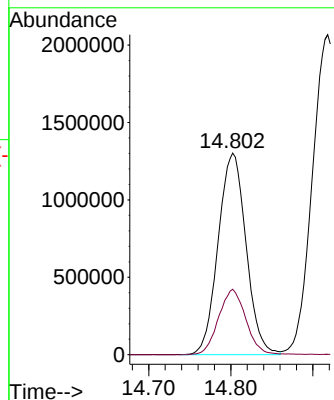
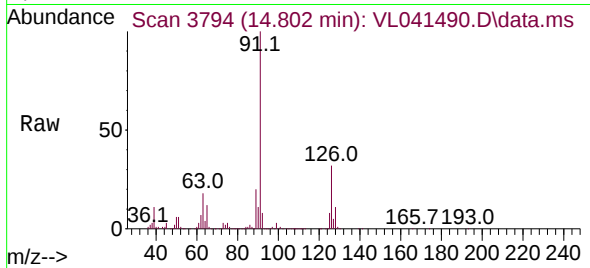




#71
2-Chlorotoluene
Concen: 12.194 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

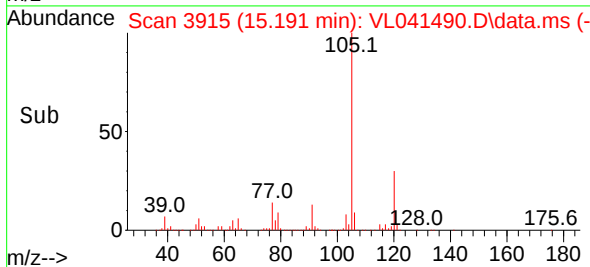
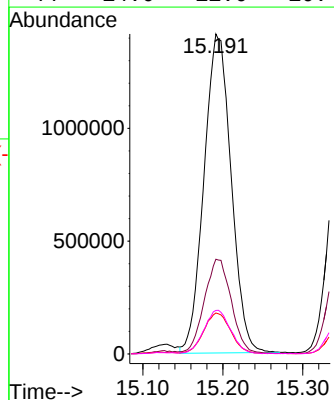
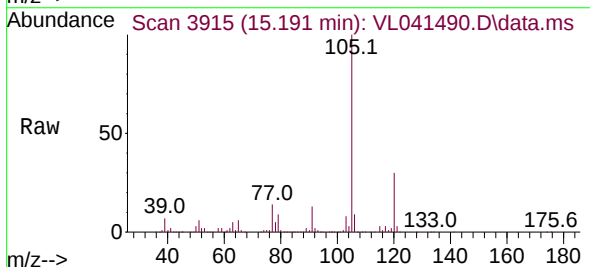
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

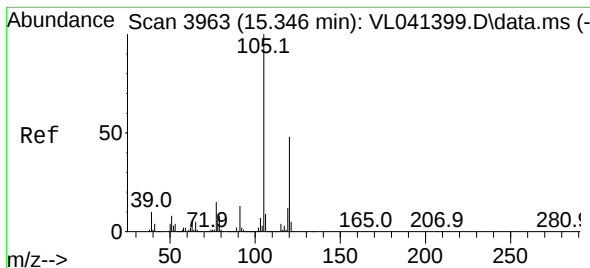
Tgt Ion: 91 Resp: 3079527
Ion Ratio Lower Upper
91 100
126 32.0 12.7 50.9



#72
4-Ethyltoluene
Concen: 12.601 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.000 min
Lab File: VL041490.D
Acq: 1 Aug 2024 23:27

Tgt Ion:105 Resp: 3341713
Ion Ratio Lower Upper
105 100
120 30.7 24.2 36.2
91 12.8 10.4 15.6
77 14.0 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 12.358 ppbv

RT: 15.352 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

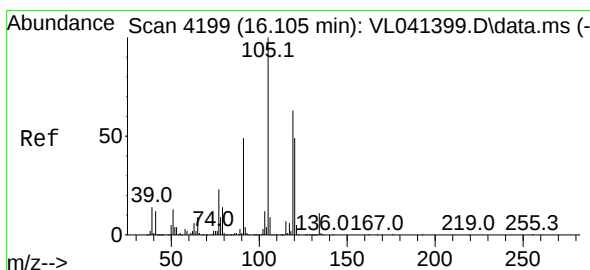
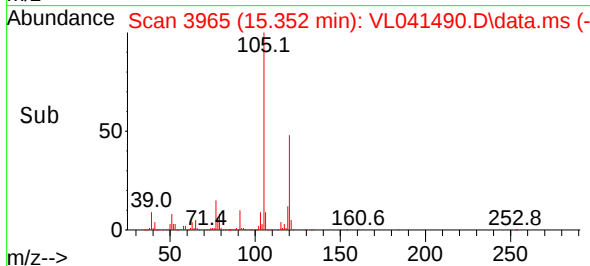
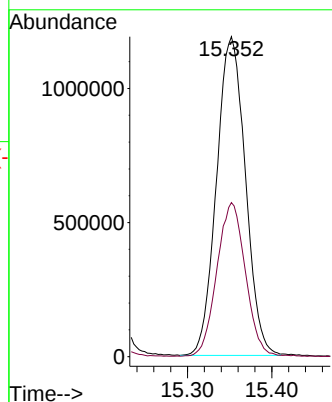
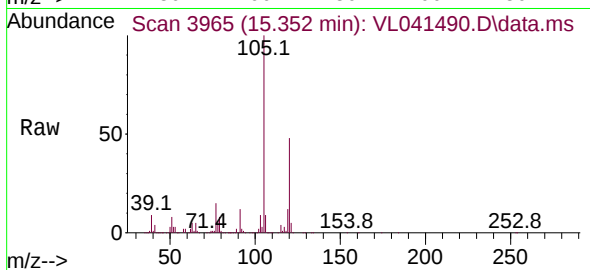
VSTDCCC010EC

Tgt Ion:105 Resp: 2823456

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 11.846 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Tgt Ion:105 Resp: 3146513

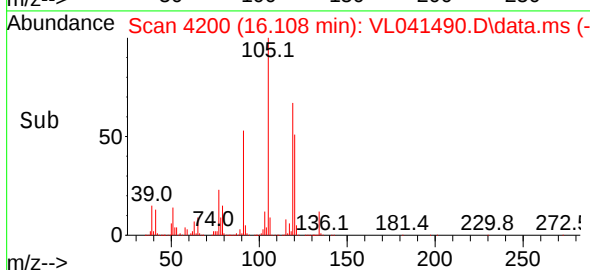
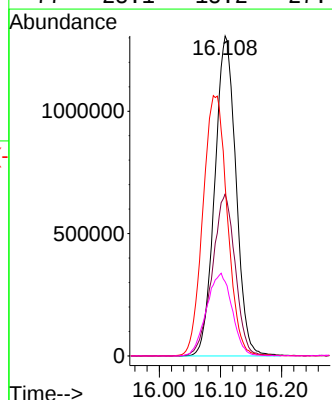
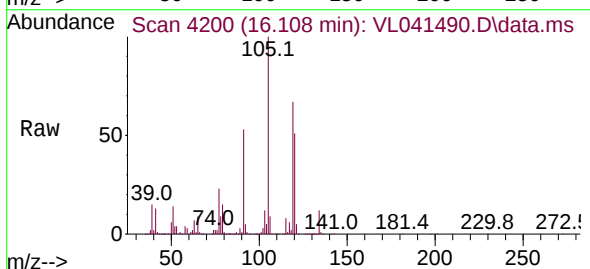
Ion Ratio Lower Upper

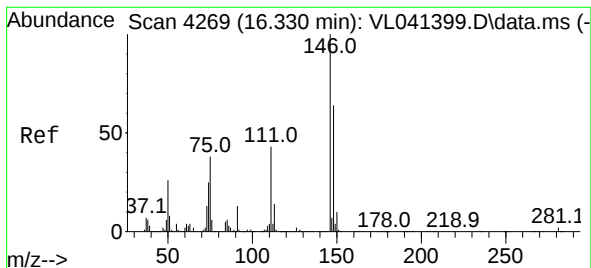
105 100

120 50.6 39.5 59.3

91 53.2 39.8 59.8

77 23.1 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 11.677 ppbv

RT: 16.329 min Scan# 4269

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

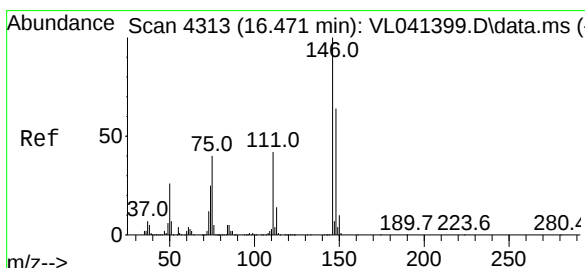
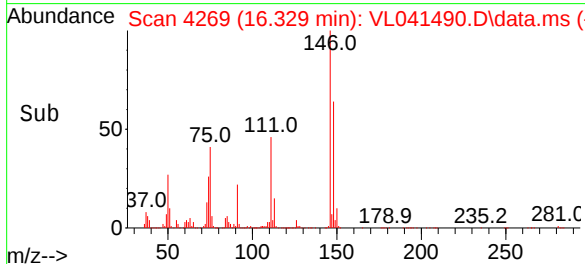
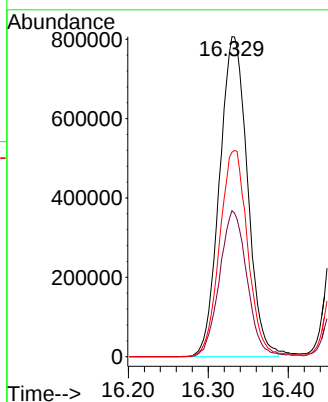
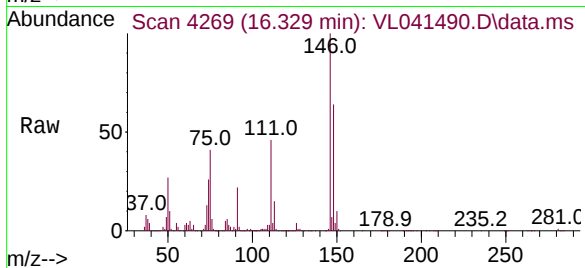
Tgt Ion:146 Resp: 1949716

Ion Ratio Lower Upper

146 100

111 45.2 22.6 67.8

148 65.2 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 11.740 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. -0.000 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

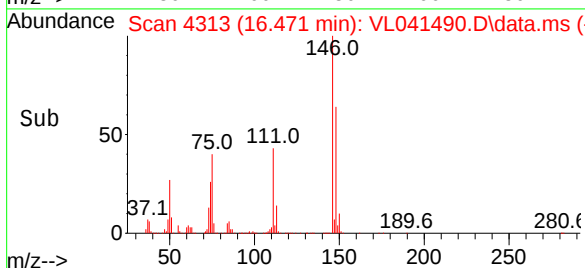
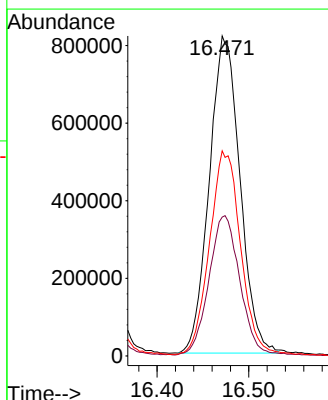
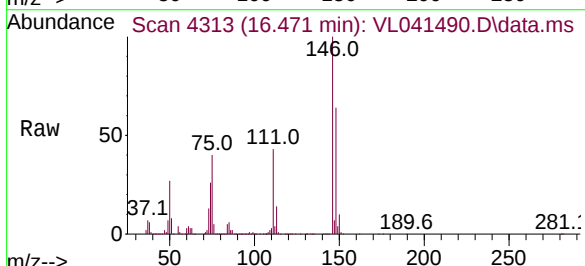
Tgt Ion:146 Resp: 1898016

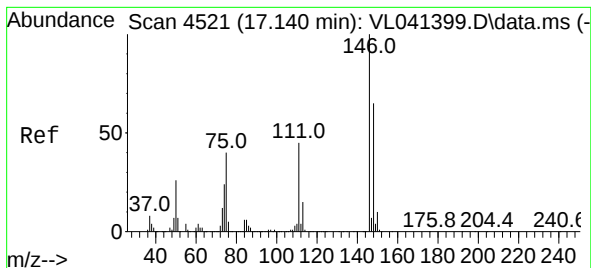
Ion Ratio Lower Upper

146 100

111 45.1 22.4 67.0

148 66.6 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 11.359 ppbv

RT: 17.143 min Scan# 4521

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

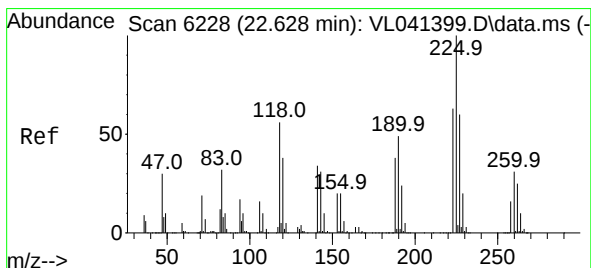
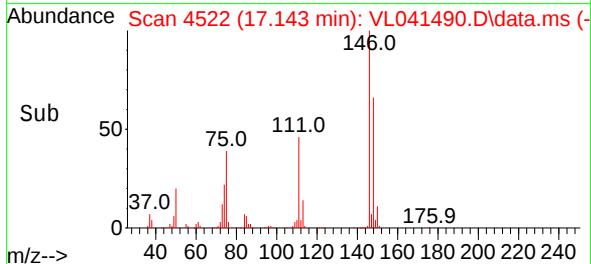
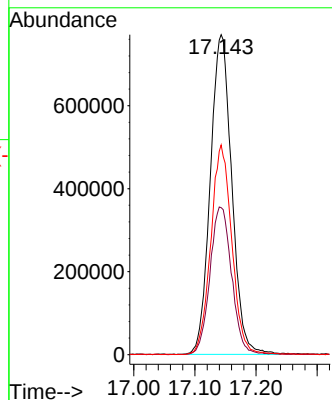
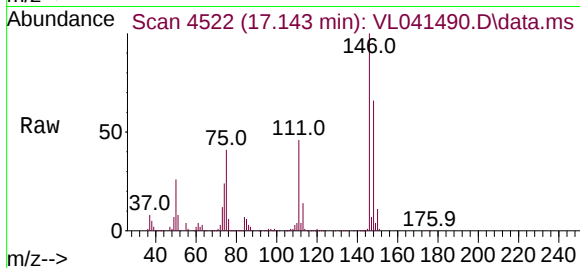
Tgt Ion:146 Resp: 1880221

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

148 64.5 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 10.713 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.006 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

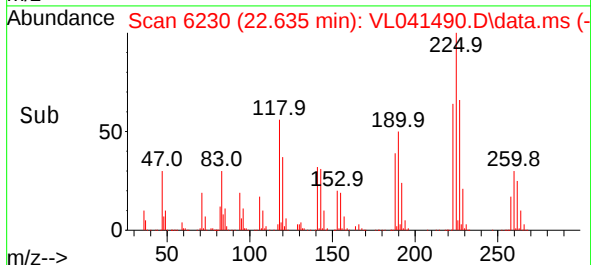
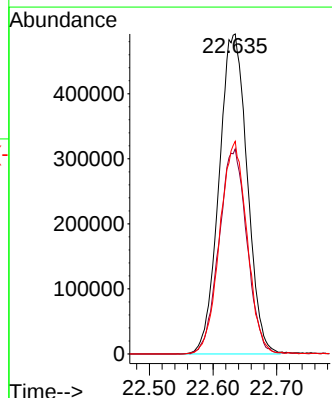
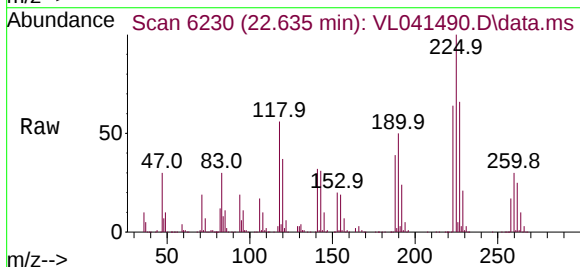
Tgt Ion:225 Resp: 1512169

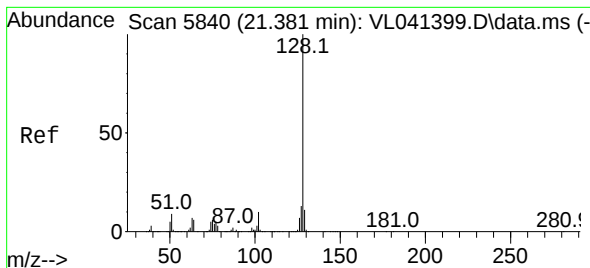
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 64.2 50.8 76.2





#79

Naphthalene

Concen: 14.752 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

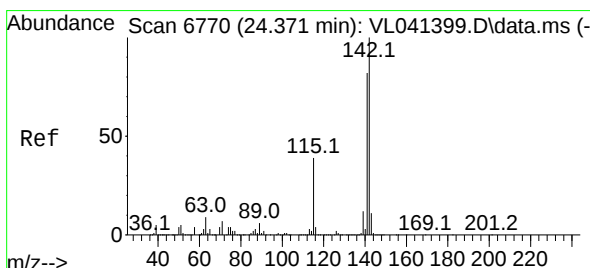
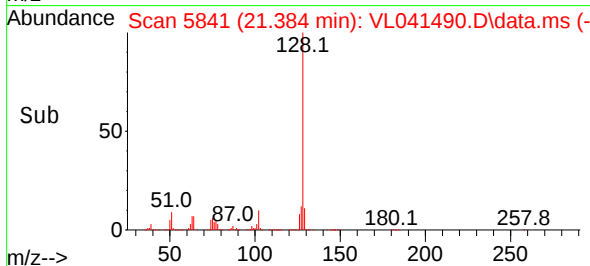
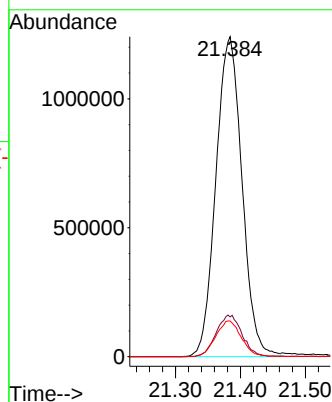
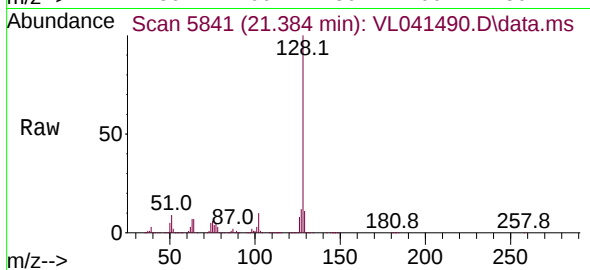
Tgt Ion:128 Resp: 3458441

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 8.628 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.003 min

Lab File: VL041490.D

Acq: 1 Aug 2024 23:27

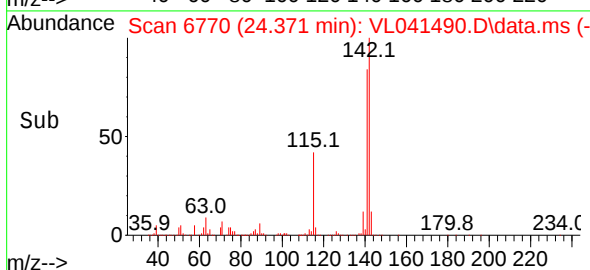
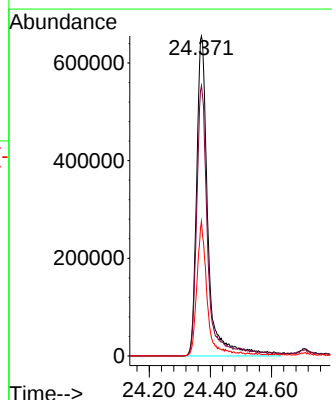
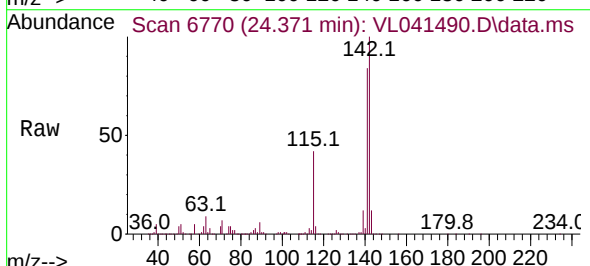
Tgt Ion:142 Resp: 1695687

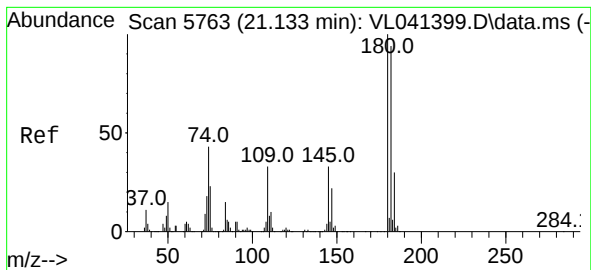
Ion Ratio Lower Upper

142 100

141 84.1 67.0 100.4

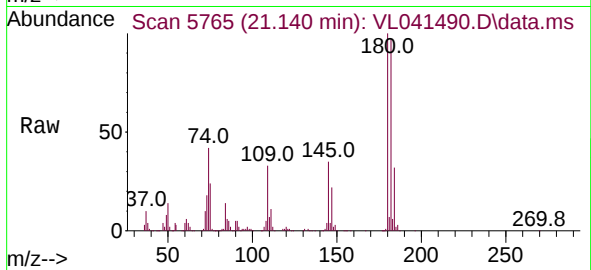
115 39.2 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 12.935 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041490.D
 Acq: 1 Aug 2024 23:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1804630
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.7 115.1
 184 31.0 24.5 36.7

