

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041399.D
 Acq On : 25 Jul 2024 13:59
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 26 02:41:26 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 : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1227171	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3353351	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3929836	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2550034	8.658	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1748662	8.351	ppbv	100
3) Chlorodifluoromethane	2.652	51	1312868	6.204	ppbv	100
4) Chloromethane	2.790	50	692256	8.561	ppbv	99
5) Vinyl Chloride	2.899	62	699389	8.004	ppbv	100
6) Bromomethane	3.099	94	361665	13.084	ppbv	100
7) Chloroethane	3.176	64	248340	8.602	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	1694634	8.326	ppbv	100
9) Propene	2.671	41	600396	8.200	ppbv	100
10) Heptane	7.568	43	1472225	8.560	ppbv	99
11) Trichlorofluoromethane	3.542	101	1696907	8.325	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.047	101	1226328	8.585	ppbv	100
13) Ethanol	3.224	45	34254	2.109	ppbv	76
14) Bromoethene	3.346	108	505960	8.829	ppbv	100
15) Acetone	3.446	43	1222864	7.545	ppbv	100
16) 1,3-Butadiene	2.964	39	681843	8.839	ppbv	100
17) tert-Butyl alcohol	3.861	59	1291681	10.331	ppbv	100
18) 1,1-Dichloroethene	3.861	96	558470	8.893	ppbv	100
19) Isopropyl Alcohol	3.555	45	792740	8.910	ppbv	100
20) Methylene Chloride	3.915	84	455611	7.747	ppbv	100
21) Allyl Chloride	3.980	41	890718	9.111	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	549902	8.816	ppbv	100
23) Vinyl Acetate	4.610	43	1085315	6.793	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1154644	8.336	ppbv	100
25) Ethyl Acetate	5.189	43	2597295	8.703	ppbv	100
26) Hexane	5.198	57	1090849	8.255	ppbv	100
27) Carbon Disulfide	4.105	76	1375021	8.552	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	681033	6.948	ppbv	100
29) Chloroform	5.259	83	1735318	8.511	ppbv	100
30) Cyclohexane	6.590	84	937363	8.904	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	1091838	8.618	ppbv	100
32) 1,1,1-Trichloroethane	5.989	97	1715896	8.018	ppbv	100
34) 2-Butanone	4.771	43	1567685	8.859	ppbv	100
35) Carbon Tetrachloride	6.484	117	1836059	8.291	ppbv	100
36) Benzene	6.359	78	2363293	8.516	ppbv	100
37) 1,2-Dichloroethane	5.796	62	1317693	8.275	ppbv	99
38) Trichloroethene	7.282	130	1074518	8.888	ppbv	100
39) 1,2-Dichloropropane	7.063	63	891517	8.313	ppbv	100
40) 1,4-Dioxane	7.275	88	384473	11.182	ppbv	100
41) Tetrahydrofuran	5.542	42	931064	8.495	ppbv	100
42) Bromodichloromethane	7.240	83	1932798	8.675	ppbv	100
43) Methyl Methacrylate	7.465	69	948521	9.097	ppbv	100
44) 2,2,4-Trimethylpentane	7.317	57	3907968	8.286	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	963383	14.599	ppbv	100

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 ALS Vial : 1 Sample Multiplier: 1

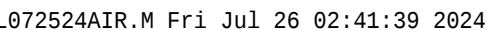
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 MSVOA_L
 ClientSampleId :

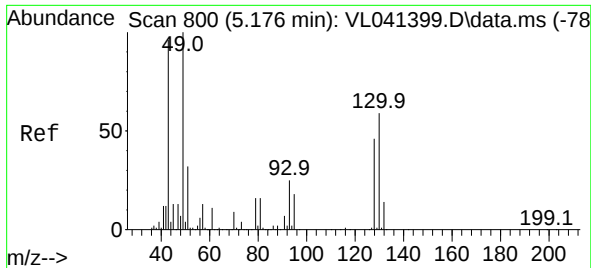
Quant Time: Jul 26 02:41:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1281640	14.444	ppbv	100
47) 1,1,2-Trichloroethane	8.893	97	987016	8.580	ppbv	100
48) Dibromochloromethane	9.706	129	1692234	9.161	ppbv	100
49) Bromoform	12.404	173	1496236	10.170	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2603717	9.163	ppbv	100
51) 2-Hexanone	9.542	43	2141345	10.601	ppbv	100
52) Tetrachloroethene	10.613	164	907950	8.147	ppbv	100
53) Toluene	9.214	91	2779504	8.880	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1438535	10.105	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.503	131	1213659	6.863	ppbv #	58
57) Chlorobenzene	11.523	112	2174265	7.053	ppbv	100
58) Ethyl Benzene	12.085	91	3752771	7.138	ppbv	100
59) m/p-Xylene	12.368	91	2936548	6.454	ppbv #	19
60) o-Xylene	13.053	91	3036791	7.071	ppbv	100
61) Styrene	12.896	104	1513410	7.257	ppbv	100
62) Isopropylbenzene	14.024	105	4462038	6.730	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1853886	5.480	ppbv	100
64) n-propylbenzene	14.912	120	1205437	6.965	ppbv	100
65) tert-Butylbenzene	16.085	119	4027165	6.822	ppbv	100
66) Benzyl Chloride	16.323	91	299511	7.721	ppbv	100
67) sec-Butylbenzene	16.635	105	5605419	6.714	ppbv	100
69) p-Isopropyltoluene	16.989	119	4737222	6.870	ppbv	100
70) n-Butylbenzene	17.883	91	4851380	6.883	ppbv	100
71) 2-Chlorotoluene	14.799	91	3368997	6.840	ppbv	100
72) 4-Ethyltoluene	15.188	105	3711228	7.256	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3175291	7.253	ppbv	100
74) 1,2,4-Trimethylbenzene	16.105	105	3502689	7.100	ppbv	100
75) 1,3-Dichlorobenzene	16.330	146	2192883	7.493	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	2140459	7.341	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	2131506	7.144	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1626038	7.493	ppbv	100
79) Naphthalene	21.381	128	3669460	13.830	ppbv	100
80) Naphthalene,2-methyl-	24.371	142	3235986	4634.164	ppbv	100
81) 1,2,4-Trichlorobenzene	21.133	180	1912951	11.665	ppbv	100

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

Quant Time: Jul 26 02:41:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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QLast Update : Thu Jul 25 14:31:18 2024
Response via : Initial Calibration

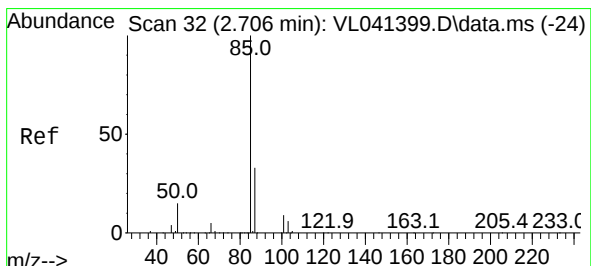
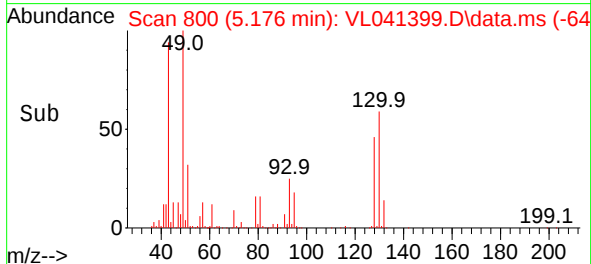
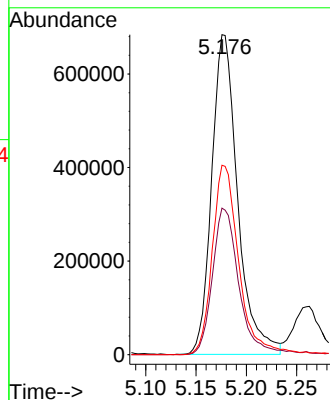
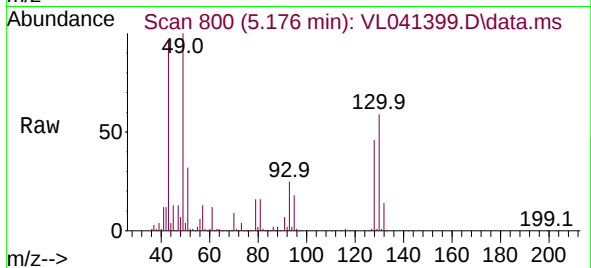




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

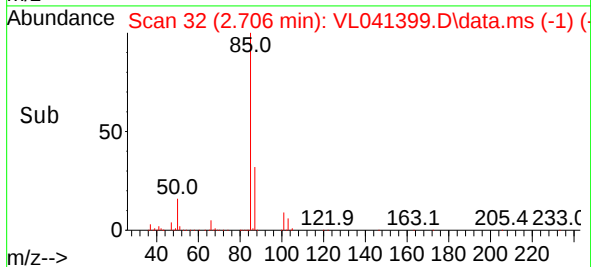
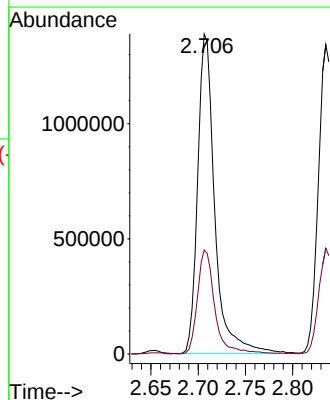
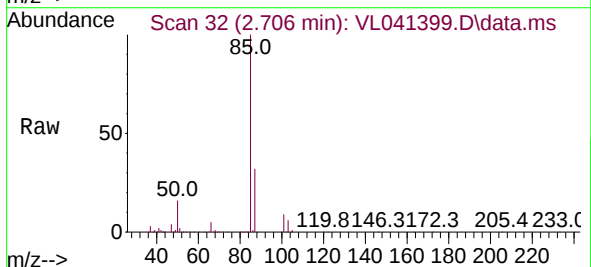
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MSVOA_L
ClientSampleId :

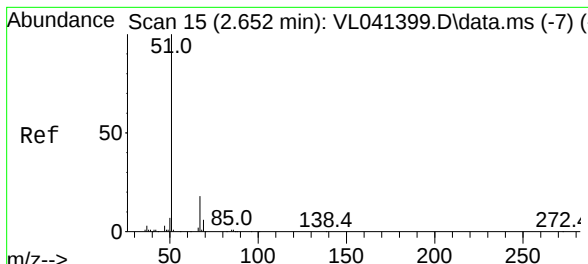
Tgt Ion: 49 Resp: 1227171
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.4
130 61.7 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 8.351 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 85 Resp: 1748662
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0

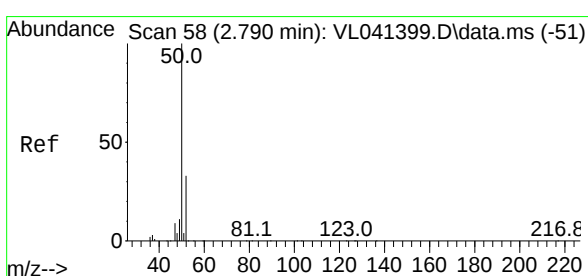
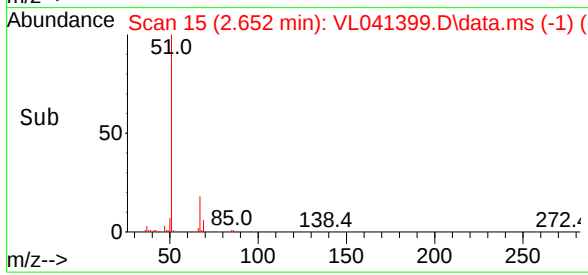
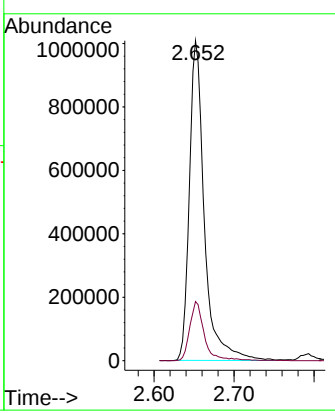
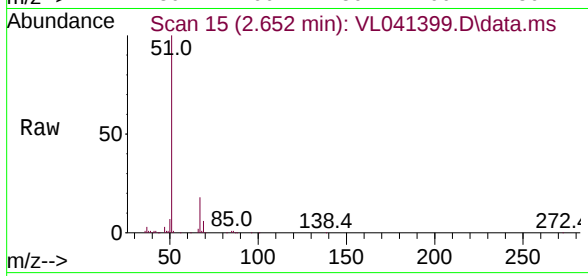




#3
 Chlorodifluoromethane
 Concen: 6.204 ppbv
 RT: 2.652 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

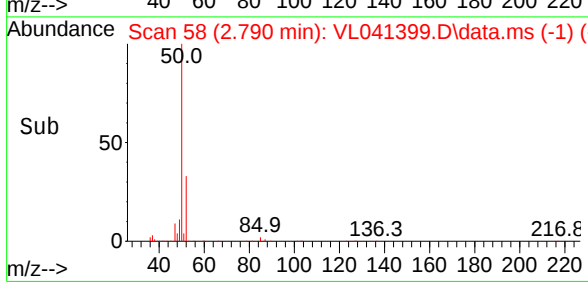
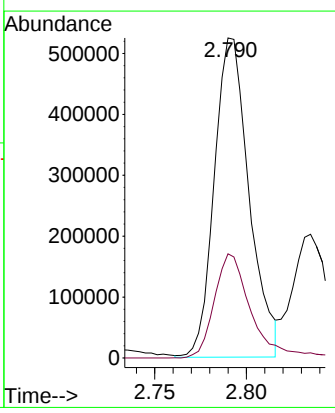
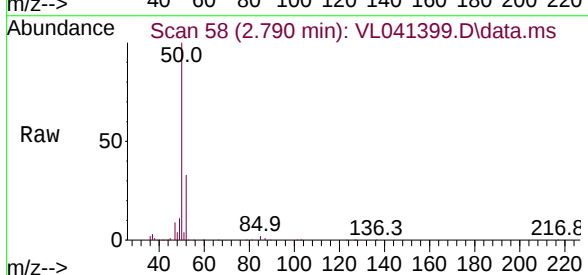
Instrument :
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 ClientSampleId :

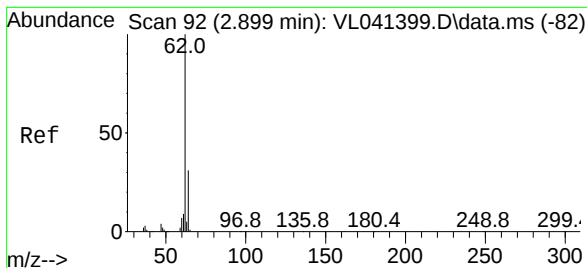
Tgt Ion: 51 Resp: 1312868
 Ion Ratio Lower Upper
 51 100
 67 18.1 14.5 21.7



#4
 Chloromethane
 Concen: 8.561 ppbv
 RT: 2.790 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Tgt Ion: 50 Resp: 692256
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.1 39.1





#5

Vinyl Chloride

Concen: 8.004 ppbv

RT: 2.899 min Scan# 92

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

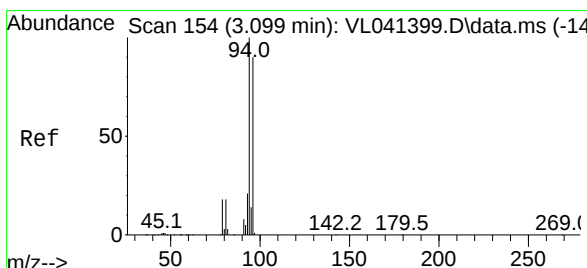
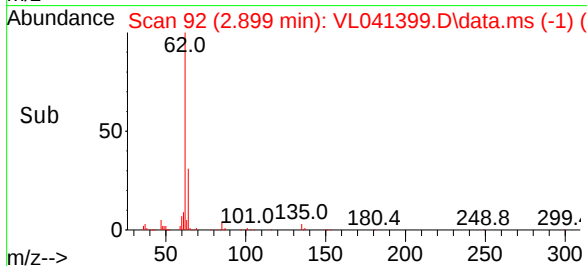
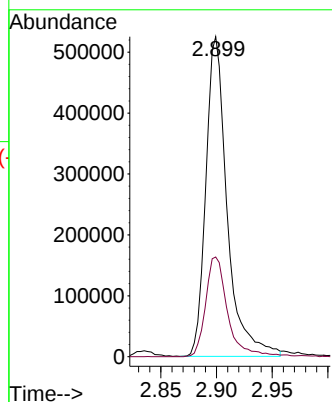
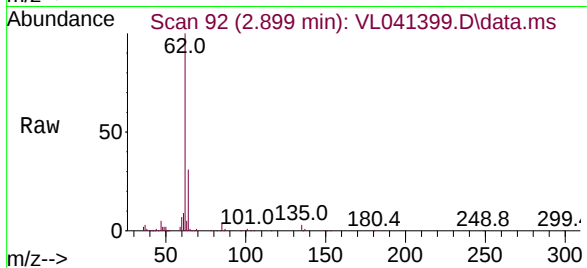
ClientSampleId :

Tgt Ion: 62 Resp: 699389

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4



#6

Bromomethane

Concen: 13.084 ppbv

RT: 3.099 min Scan# 154

Delta R.T. 0.000 min

Lab File: VL041399.D

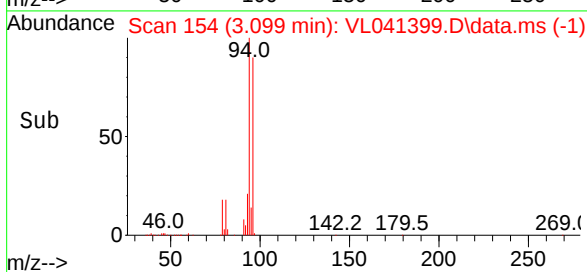
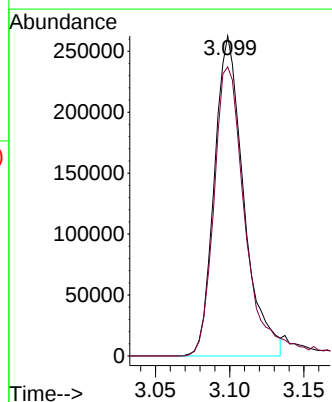
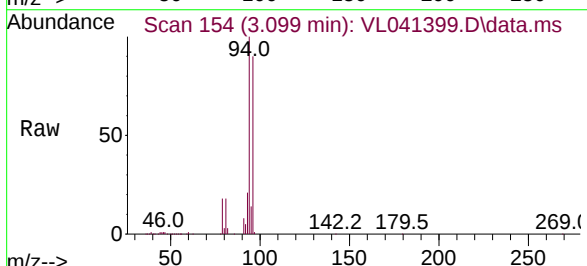
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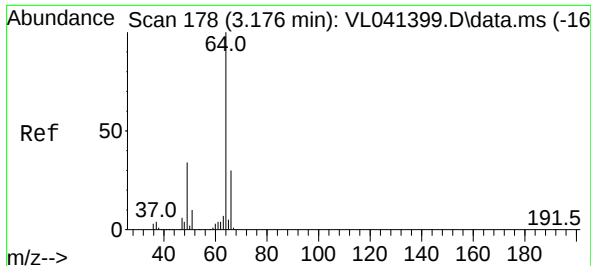
Tgt Ion: 94 Resp: 361665

Ion Ratio Lower Upper

94 100

96 90.4 72.3 108.5

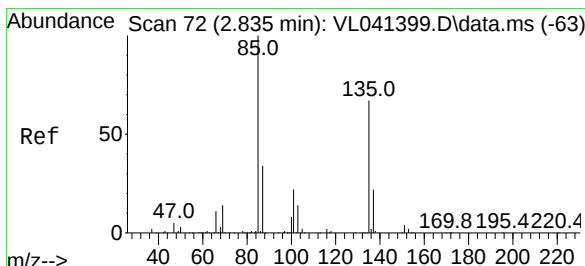
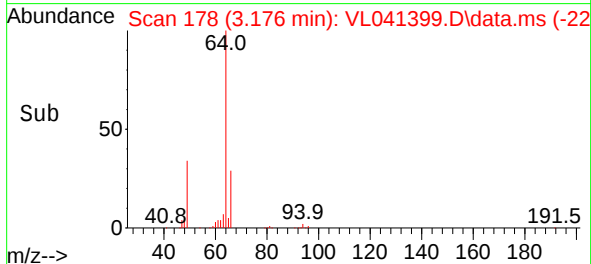
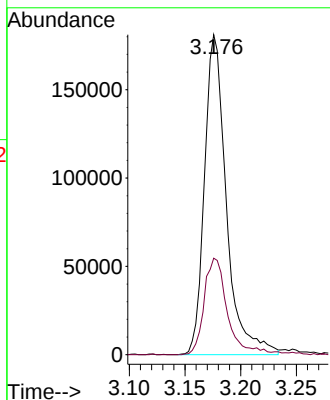
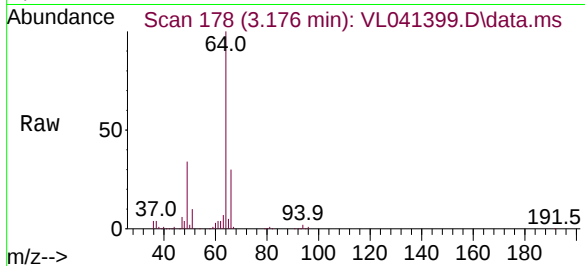




#7
Chloroethane
Concen: 8.602 ppbv
RT: 3.176 min Scan# 178
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

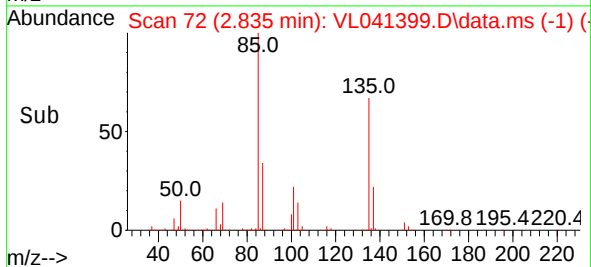
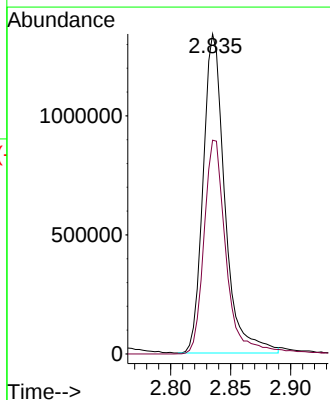
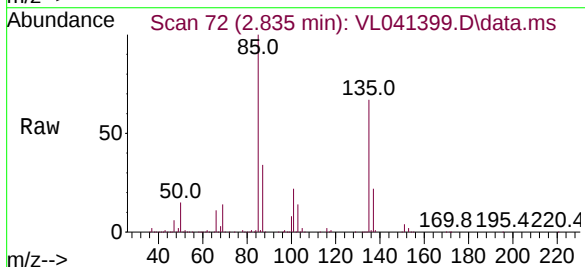
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MSVOA_L
ClientSampleId :

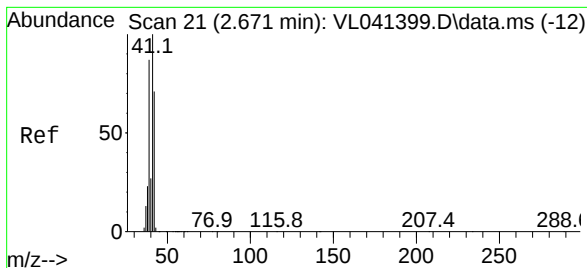
Tgt Ion: 64 Resp: 248340
Ion Ratio Lower Upper
64 100
66 30.2 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 8.326 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 85 Resp: 1694634
Ion Ratio Lower Upper
85 100
135 69.2 55.4 83.0





#9

Propene

Concen: 8.200 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

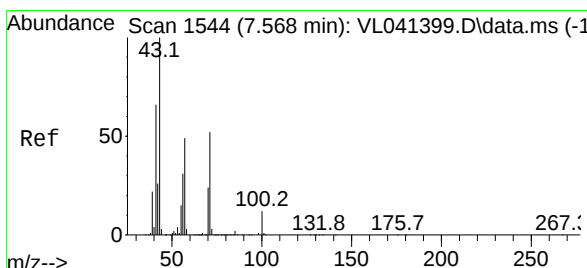
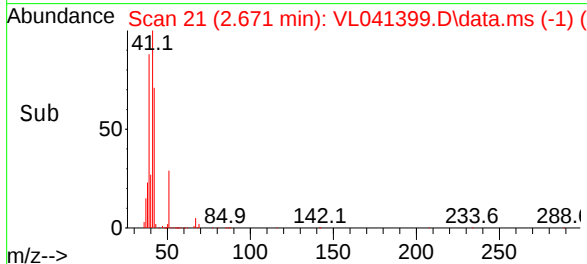
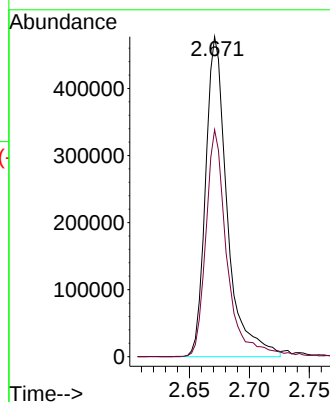
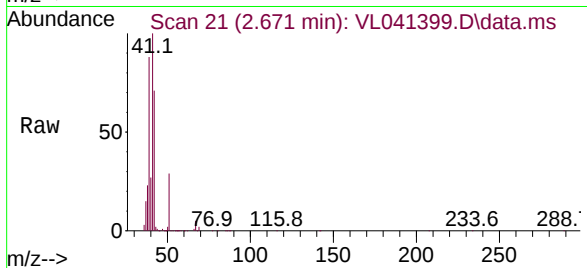
ClientSampleId :

Tgt Ion: 41 Resp: 600396

Ion Ratio Lower Upper

41 100

42 69.9 55.9 83.9



#10

Heptane

Concen: 8.560 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VL041399.D

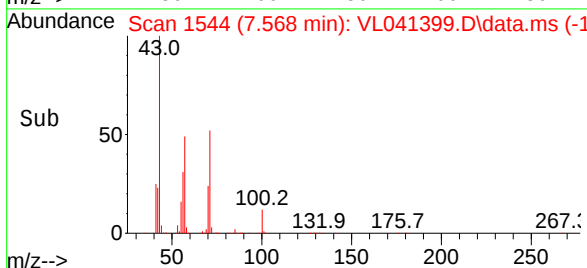
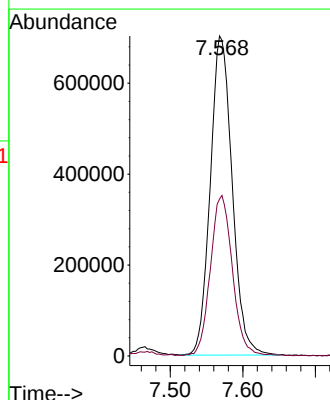
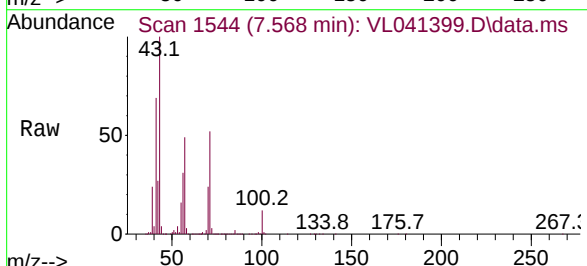
Acq: 25 Jul 2024 13:59

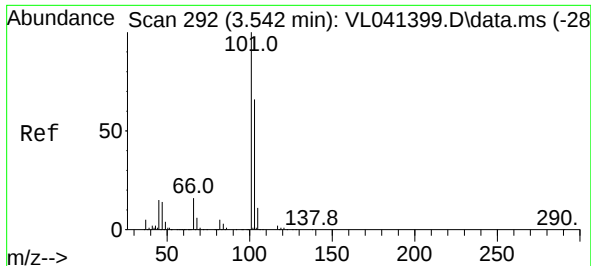
Tgt Ion: 43 Resp: 1472225

Ion Ratio Lower Upper

43 100

57 51.2 40.5 60.7





#11

Trichlorofluoromethane

Concen: 8.325 ppbv

RT: 3.542 min Scan# 292

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

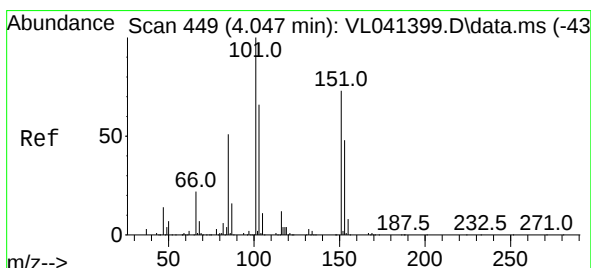
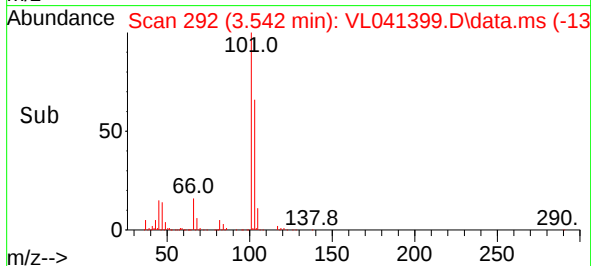
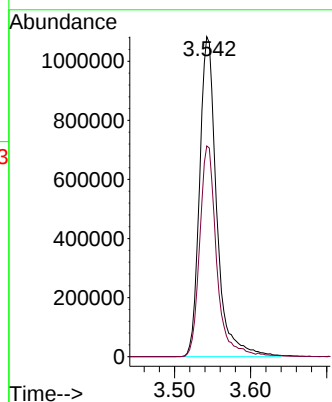
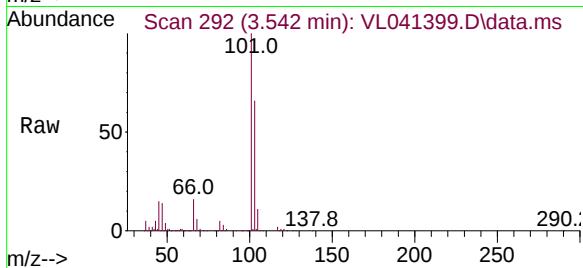
ClientSampleId :

Tgt Ion:101 Resp: 1696907

Ion Ratio Lower Upper

101 100

103 65.8 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.585 ppbv

RT: 4.047 min Scan# 449

Delta R.T. 0.000 min

Lab File: VL041399.D

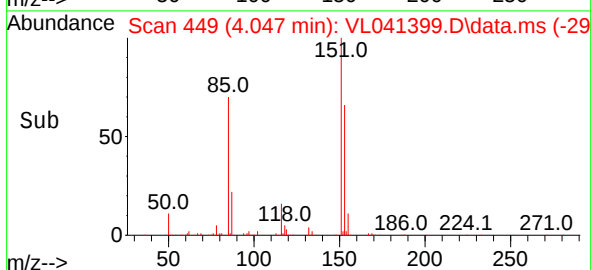
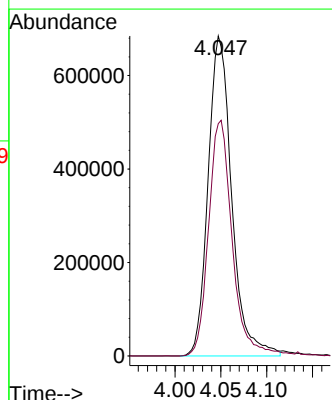
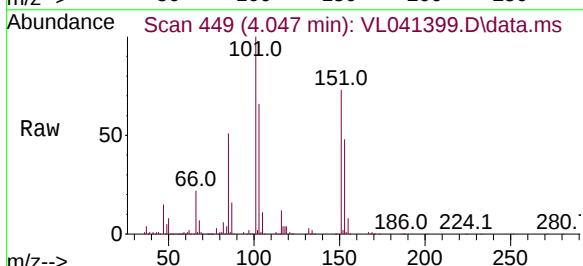
Acq: 25 Jul 2024 13:59

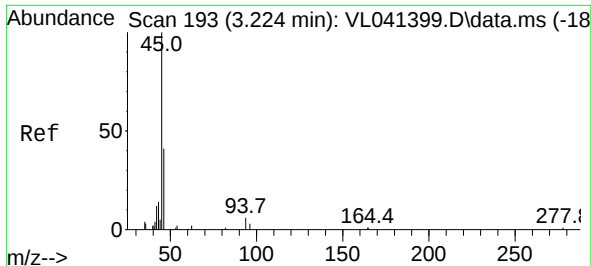
Tgt Ion:101 Resp: 1226328

Ion Ratio Lower Upper

101 100

151 74.3 59.4 89.2

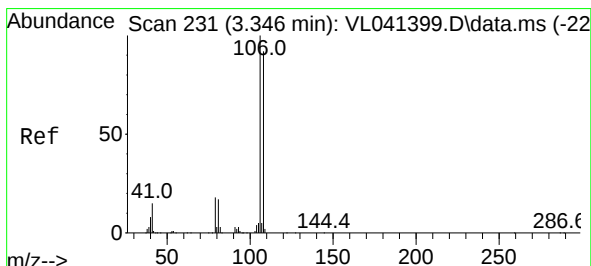
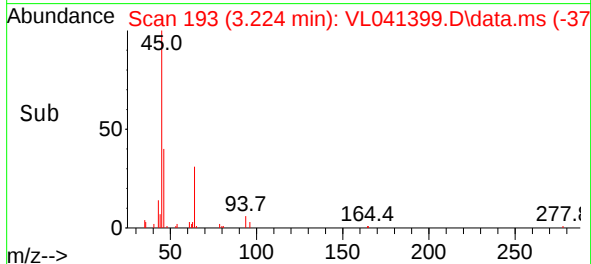
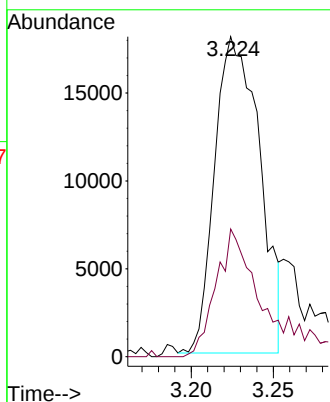
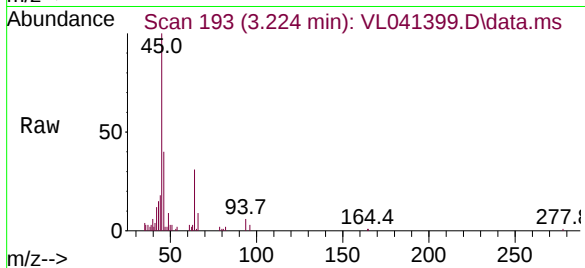




#13
Ethanol
Concen: 2.109 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

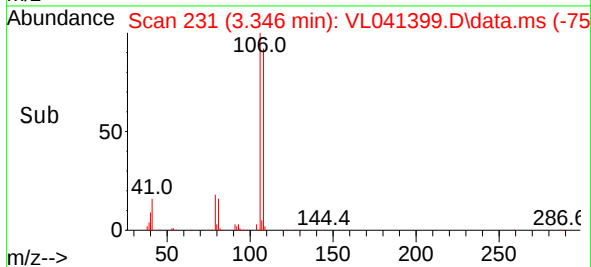
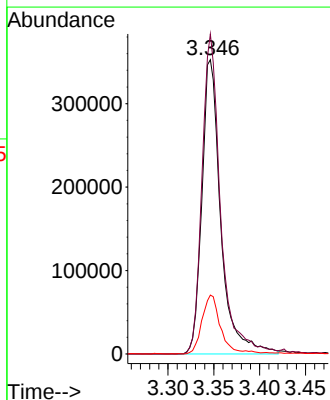
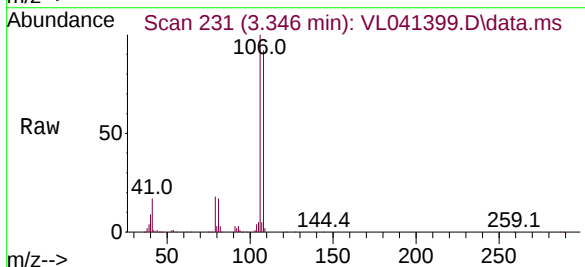
Instrument :
MSVOA_L
ClientSampleId :

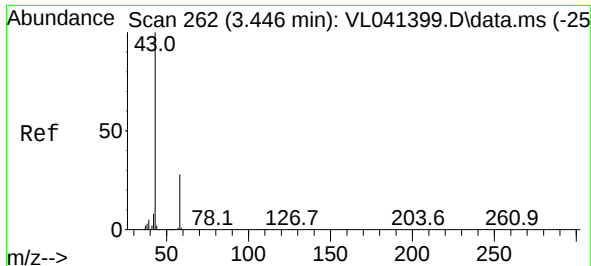
Tgt Ion: 45 Resp: 34254
Ion Ratio Lower Upper
45 100
46 46.9 13.4 53.4



#14
Bromoethene
Concen: 8.829 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion:108 Resp: 505960
Ion Ratio Lower Upper
108 100
106 108.8 86.9 130.3
79 20.6 16.2 24.4





#15

Acetone

Concen: 7.545 ppbv

RT: 3.446 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

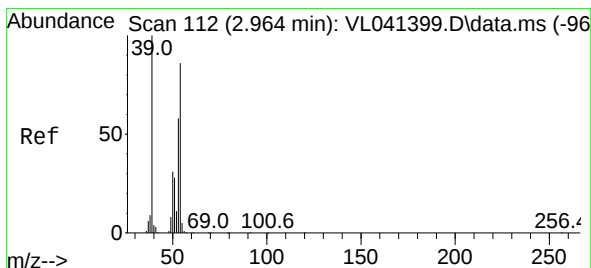
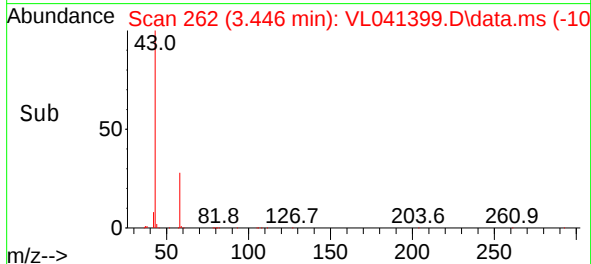
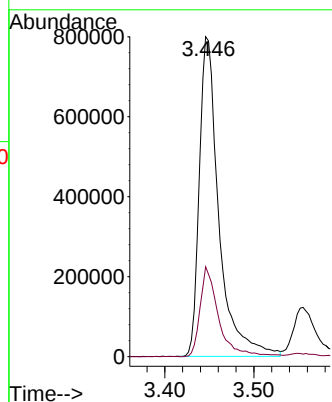
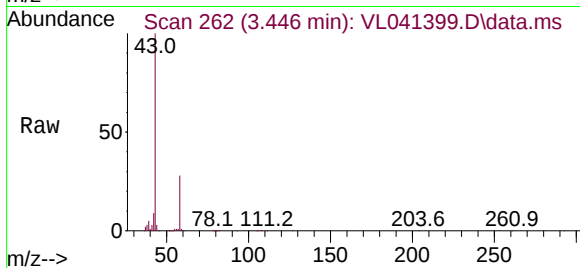
ClientSampleId :

Tgt Ion: 43 Resp: 1222864

Ion Ratio Lower Upper

43 100

58 26.8 21.4 32.2



#16

1,3-Butadiene

Concen: 8.839 ppbv

RT: 2.964 min Scan# 112

Delta R.T. 0.000 min

Lab File: VL041399.D

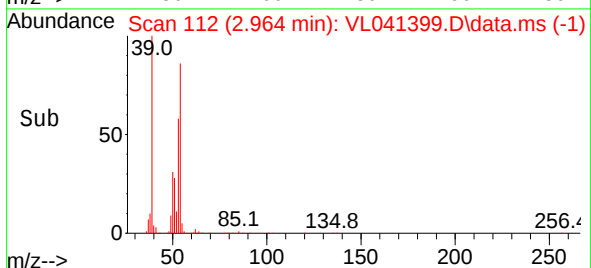
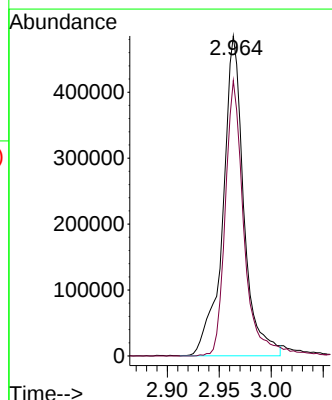
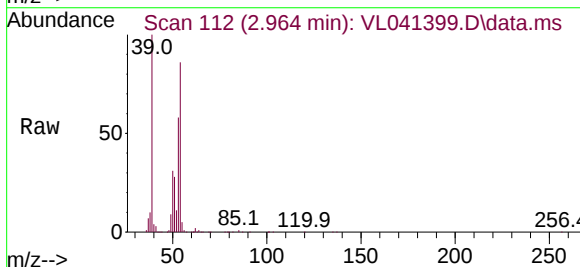
Acq: 25 Jul 2024 13:59

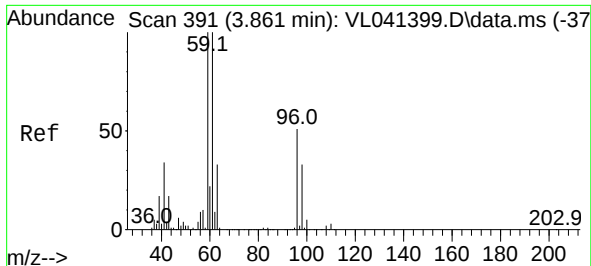
Tgt Ion: 39 Resp: 681843

Ion Ratio Lower Upper

39 100

54 78.1 62.5 93.7





#17

tert-Butyl alcohol

Concen: 10.331 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

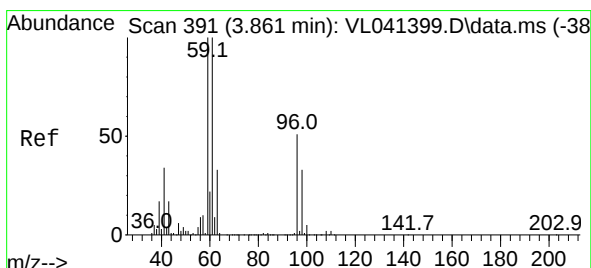
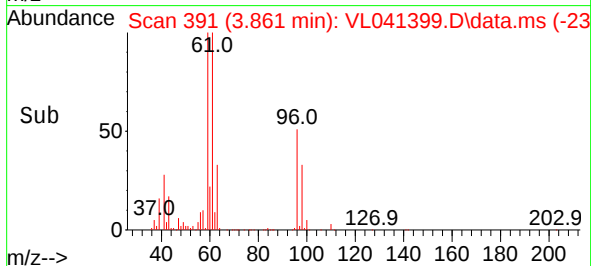
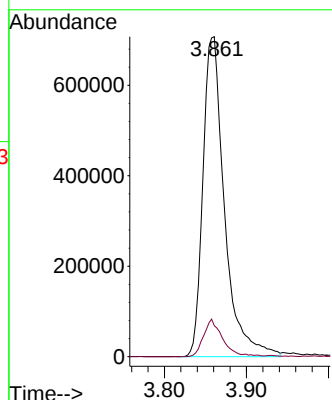
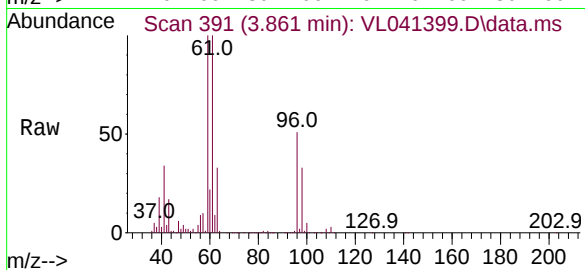
ClientSampleId :

Tgt Ion: 59 Resp: 1291681

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



#18

1,1-Dichloroethene

Concen: 8.893 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

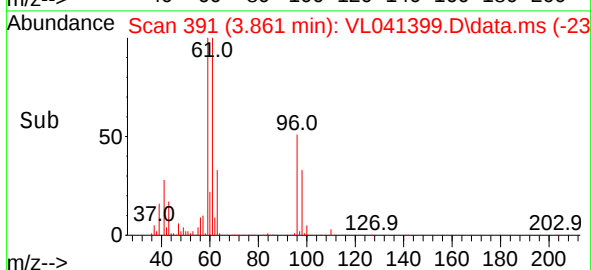
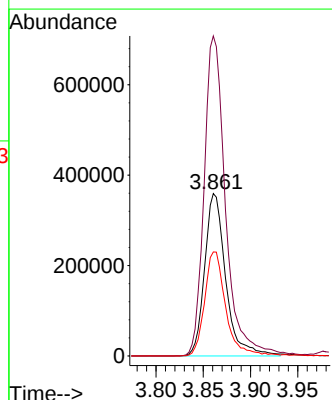
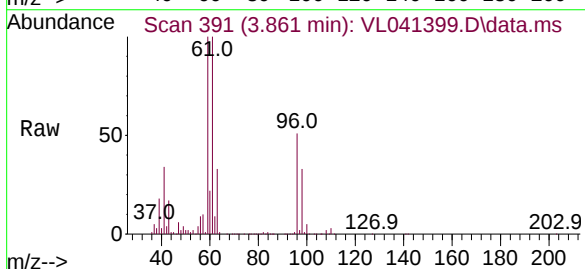
Tgt Ion: 96 Resp: 558470

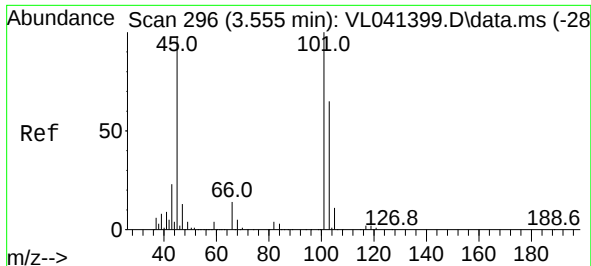
Ion Ratio Lower Upper

96 100

61 196.9 157.5 236.3

98 64.0 51.2 76.8





#19

Isopropyl Alcohol

Concen: 8.910 ppbv

RT: 3.555 min Scan# 296

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

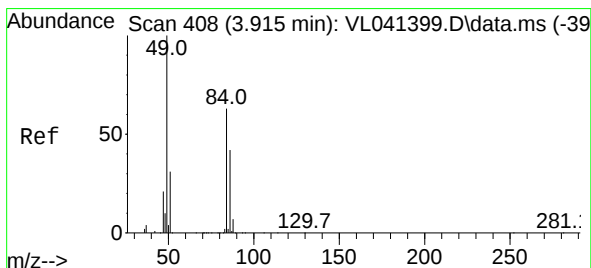
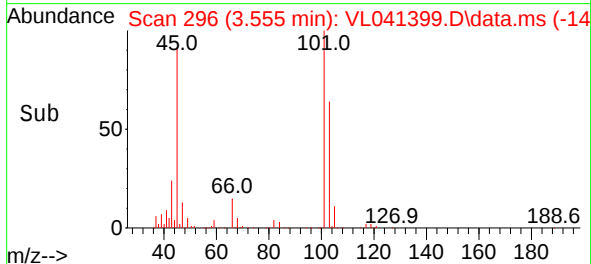
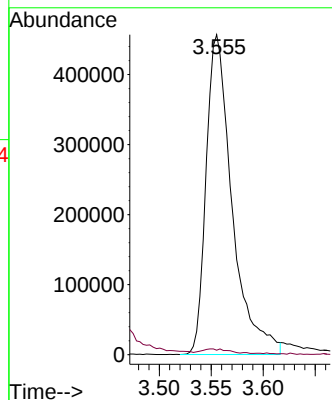
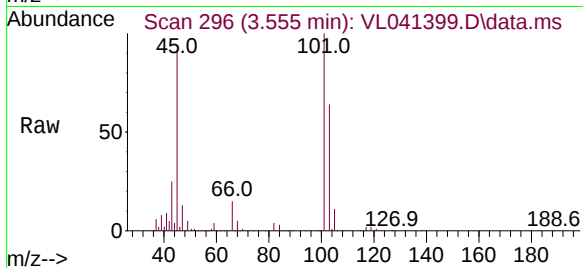
ClientSampleId :

Tgt Ion: 45 Resp: 792740

Ion Ratio Lower Upper

45 100

58 2.3 1.9 2.9



#20

Methylene Chloride

Concen: 7.747 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Tgt Ion: 84 Resp: 455611

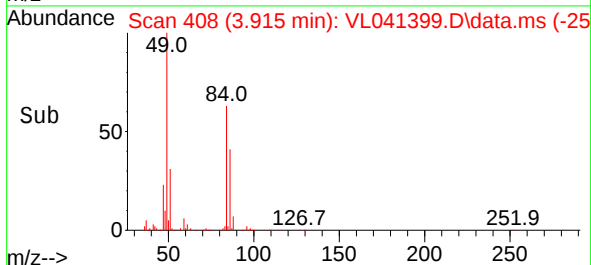
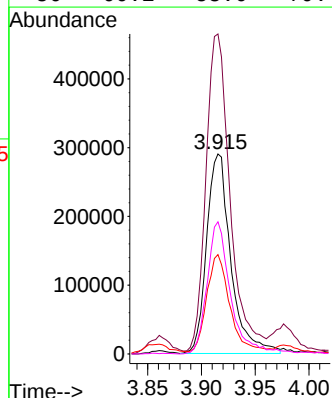
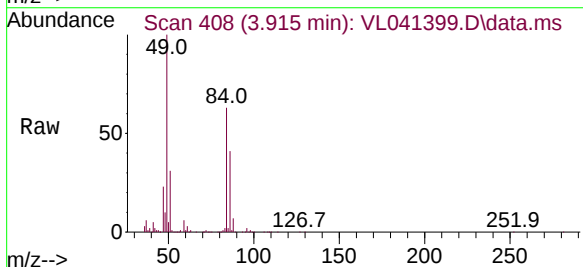
Ion Ratio Lower Upper

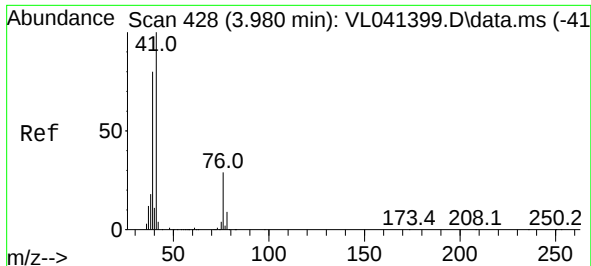
84 100

49 158.3 126.6 190.0

51 48.3 38.6 58.0

86 66.2 53.0 79.4





#21

Allyl Chloride

Concen: 9.111 ppbv

RT: 3.980 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

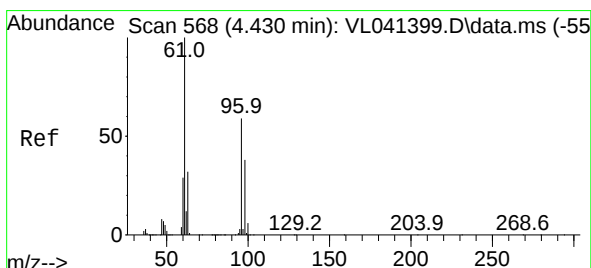
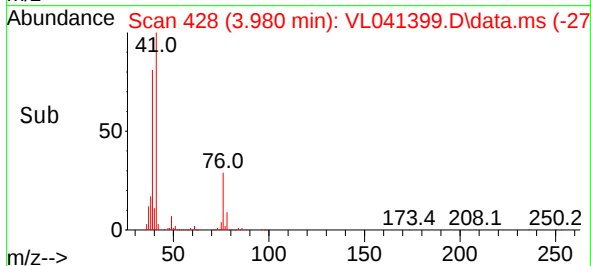
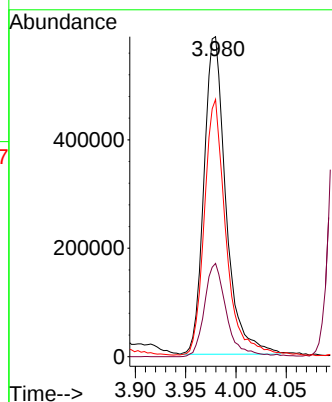
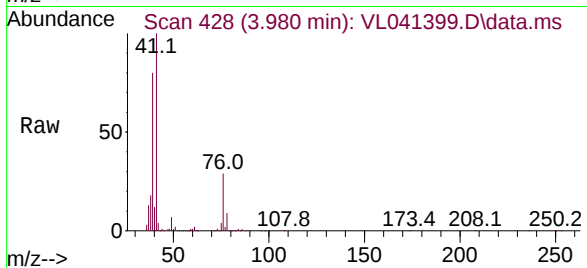
Tgt Ion: 41 Resp: 890718

Ion Ratio Lower Upper

41 100

76 29.7 23.7 35.5

39 80.1 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 8.816 ppbv

RT: 4.430 min Scan# 568

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

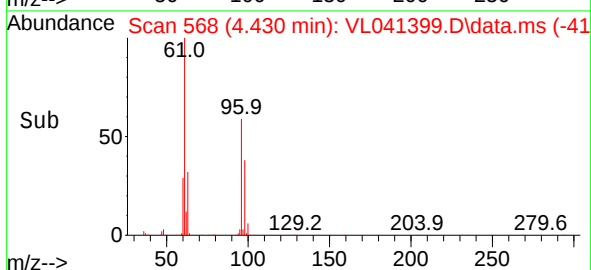
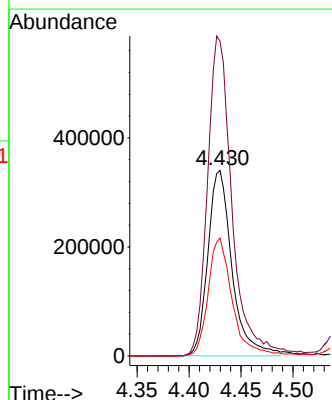
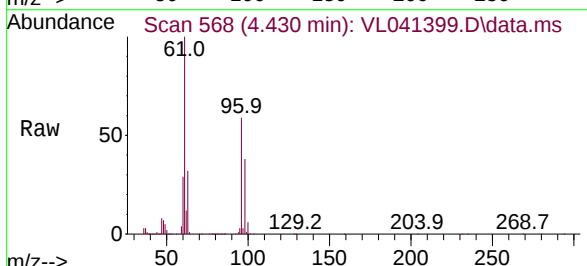
Tgt Ion: 96 Resp: 549902

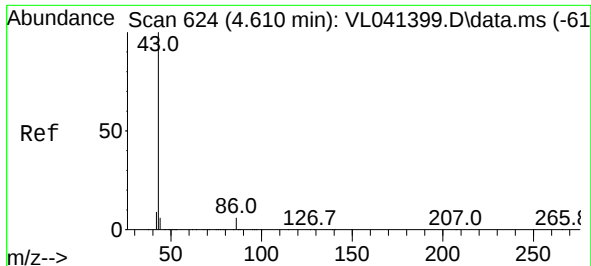
Ion Ratio Lower Upper

96 100

61 169.3 135.4 203.2

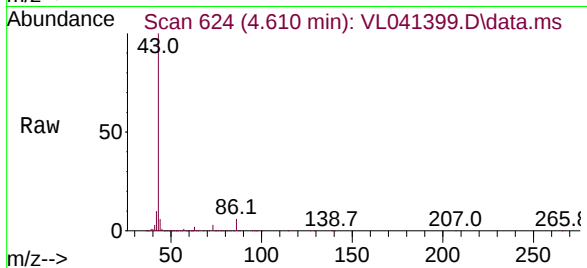
98 63.7 51.0 76.4





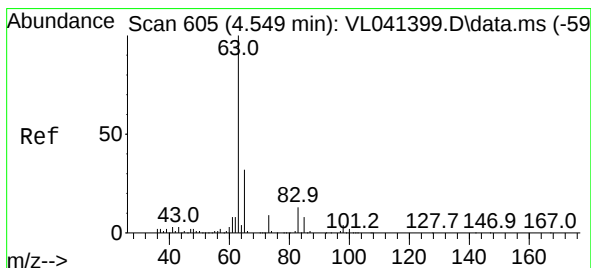
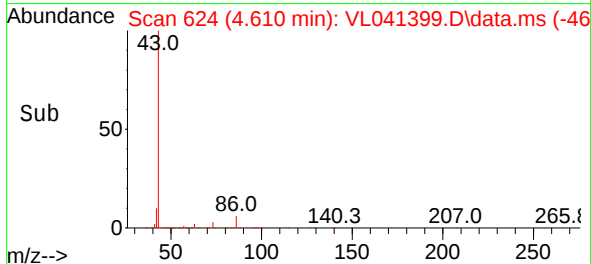
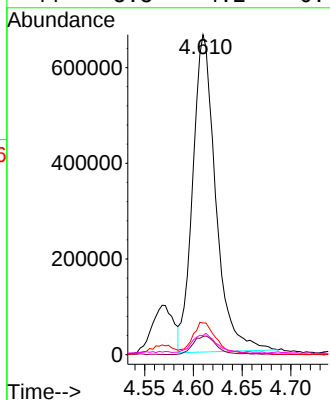
#23
 Vinyl Acetate
 Concen: 6.793 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1085315

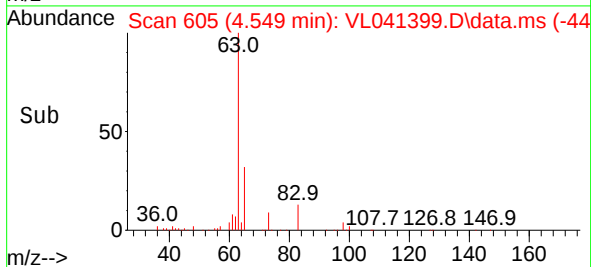
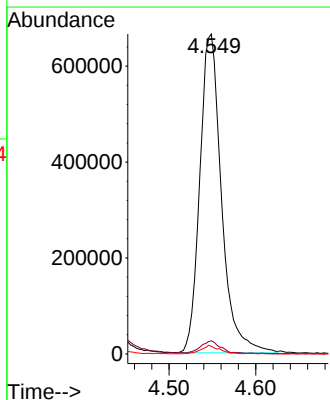
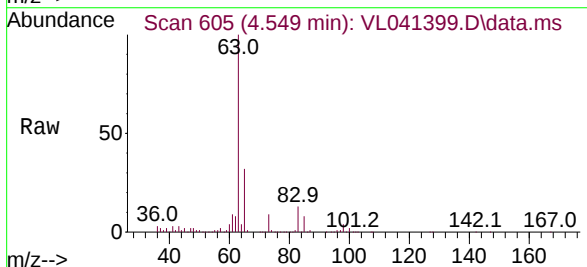
Ion	Ratio	Lower	Upper
43	100		
86	5.7	4.6	6.8
42	9.9	7.9	11.9
44	5.3	4.2	6.4

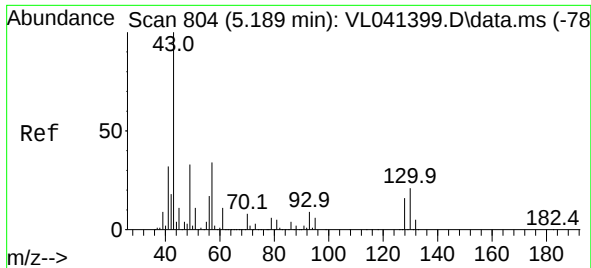


#24
 1,1-Dichloroethane
 Concen: 8.336 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Tgt Ion: 63 Resp: 1154644

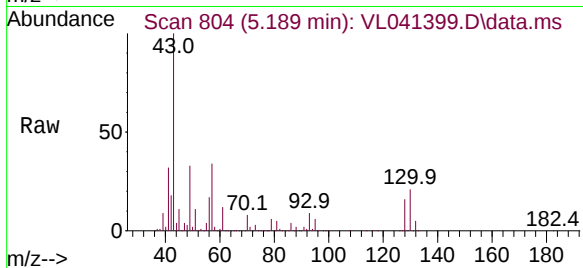
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.0	6.0
100	2.4	1.2	3.6





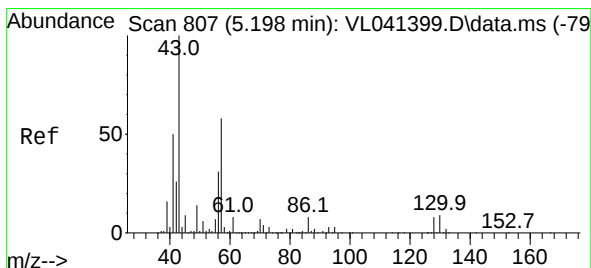
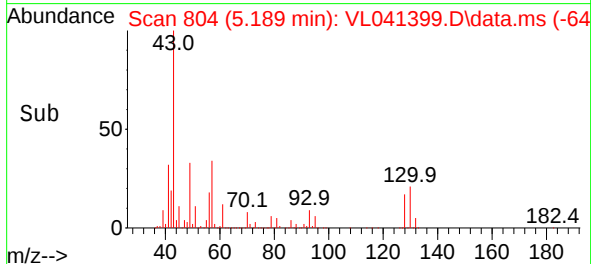
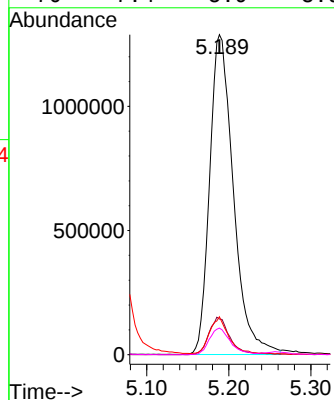
#25
Ethyl Acetate
Concen: 8.703 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2597295

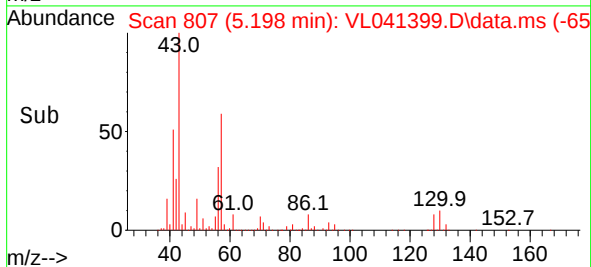
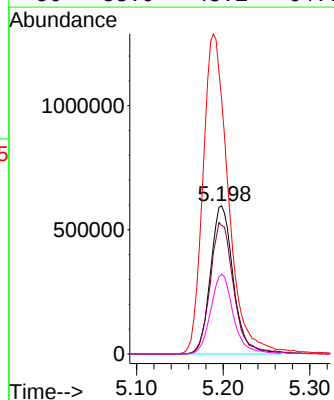
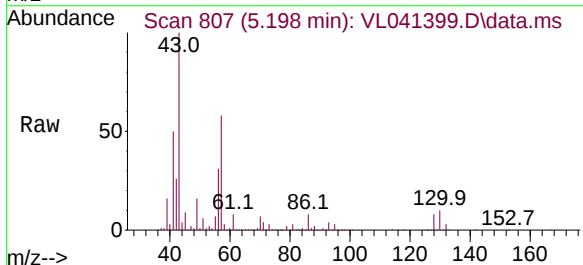
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.0	8.0	12.0
70	7.4	5.9	8.9

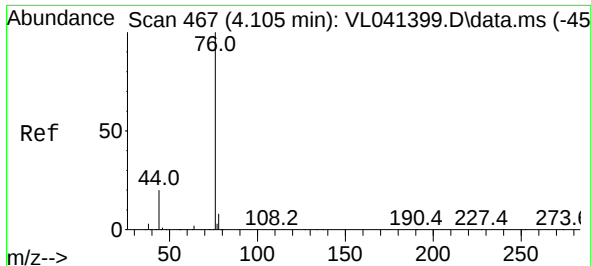


#26
Hexane
Concen: 8.255 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 57 Resp: 1090849

Ion	Ratio	Lower	Upper
57	100		
41	92.5	74.0	111.0
43	242.0	193.6	290.4
56	53.9	43.1	64.7





#27

Carbon Disulfide

Concen: 8.552 ppbv

RT: 4.105 min Scan# 467

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

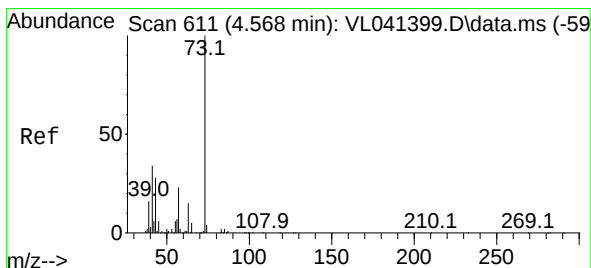
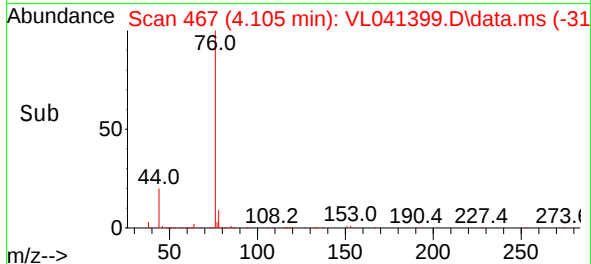
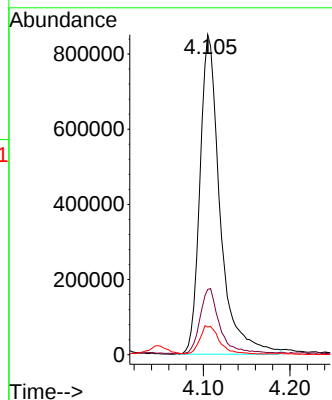
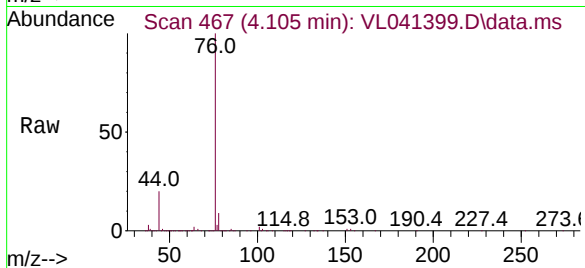
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 1375021

Ion	Ratio	Lower	Upper
76	100		
44	19.6	15.6	23.4
78	9.2	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 6.948 ppbv

RT: 4.568 min Scan# 611

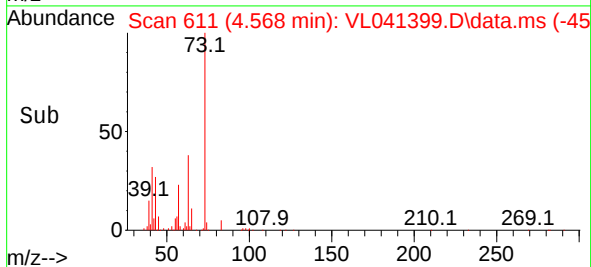
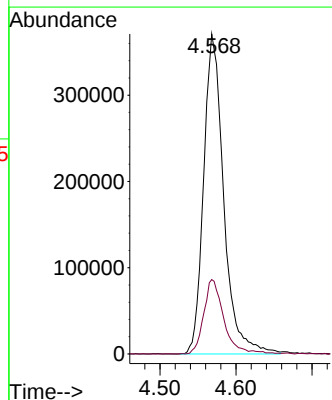
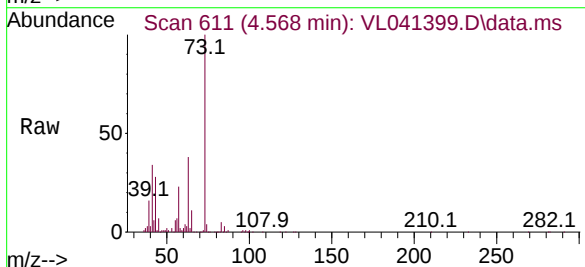
Delta R.T. 0.000 min

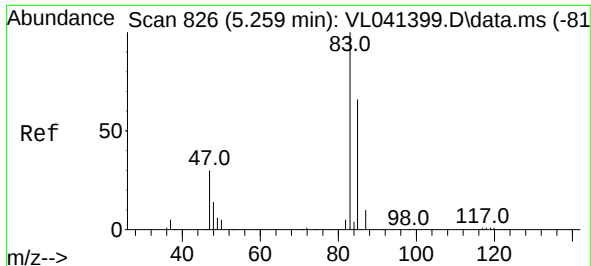
Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Tgt Ion: 73 Resp: 681033

Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.9	28.3





#29

Chloroform

Concen: 8.511 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

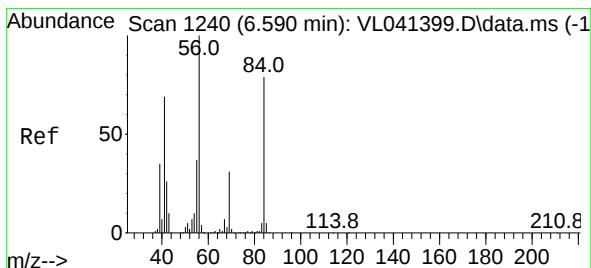
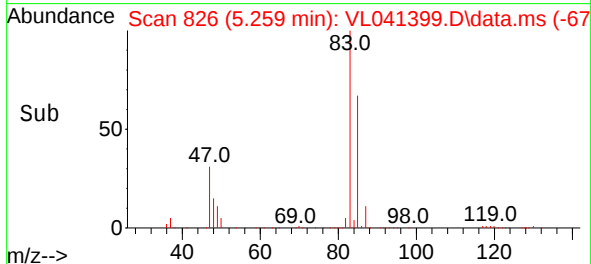
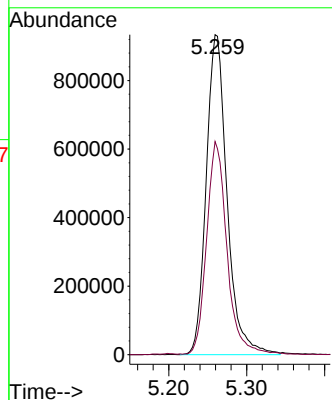
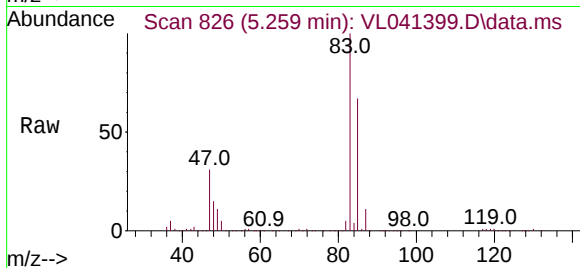
ClientSampleId :

Tgt Ion: 83 Resp: 1735318

Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7



#30

Cyclohexane

Concen: 8.904 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

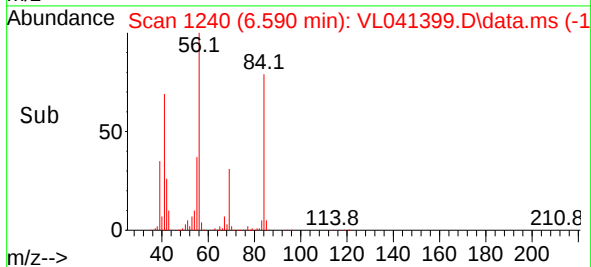
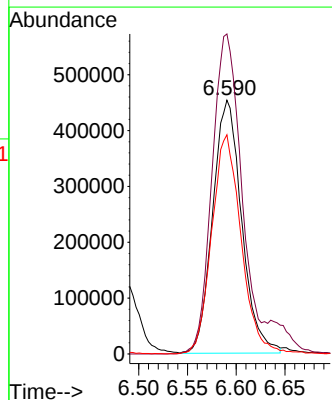
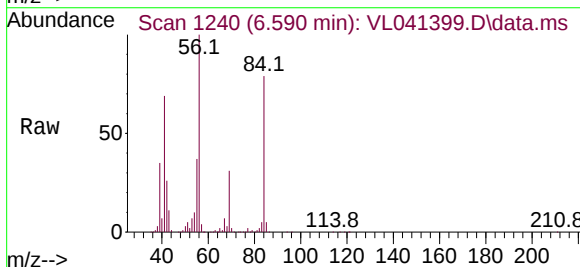
Tgt Ion: 84 Resp: 937363

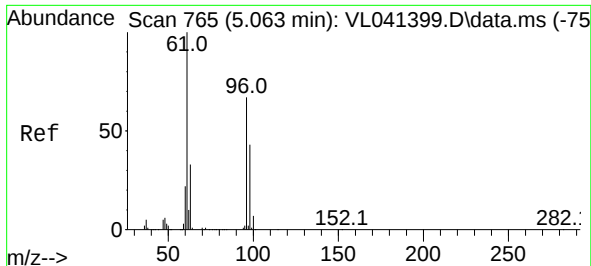
Ion Ratio Lower Upper

84 100

56 138.9 111.2 166.8

41 88.4 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 8.618 ppbv

RT: 5.063 min Scan# 765

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

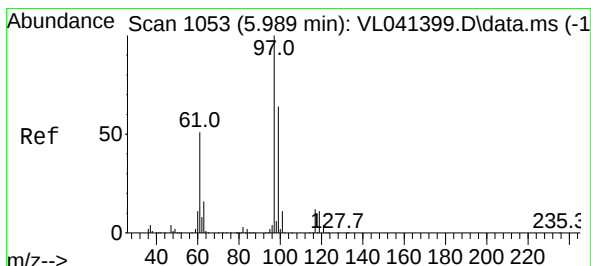
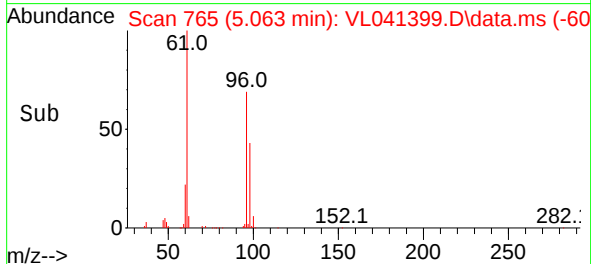
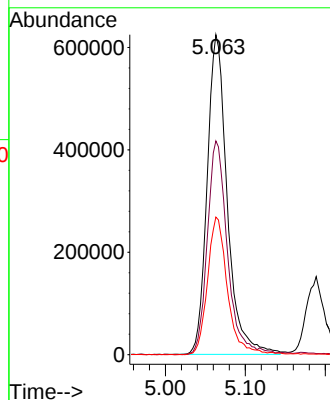
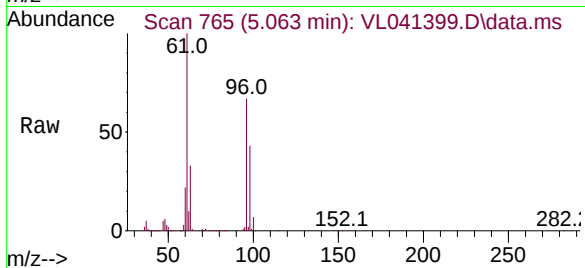
Tgt Ion: 61 Resp: 1091838

Ion Ratio Lower Upper

61 100

96 66.8 53.4 80.2

98 43.0 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 8.018 ppbv

RT: 5.989 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

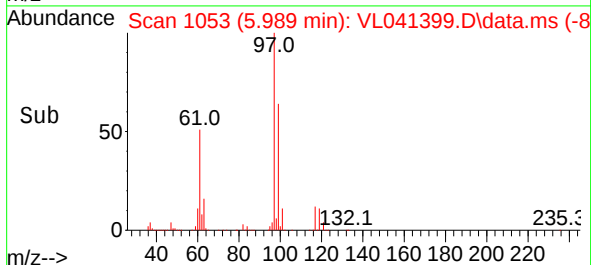
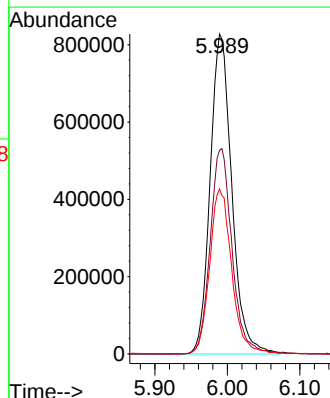
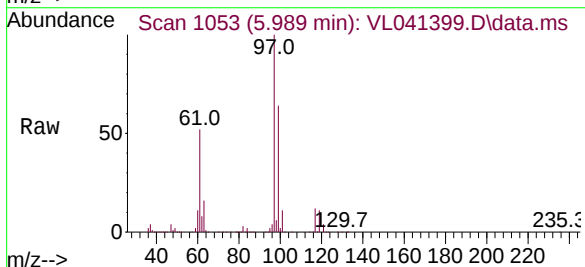
Tgt Ion: 97 Resp: 1715896

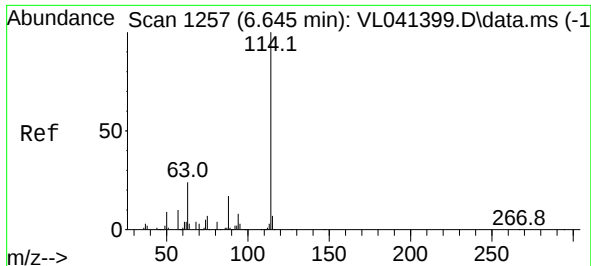
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

61 52.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

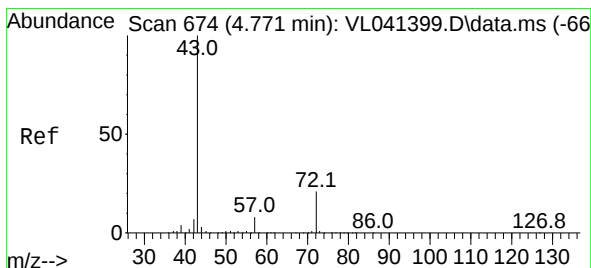
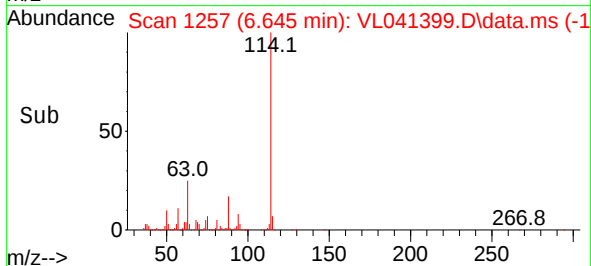
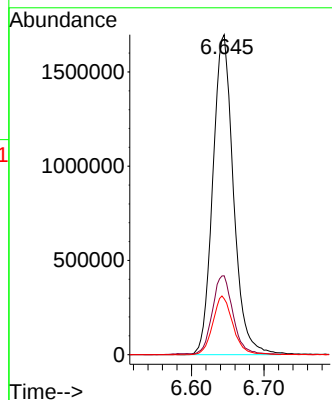
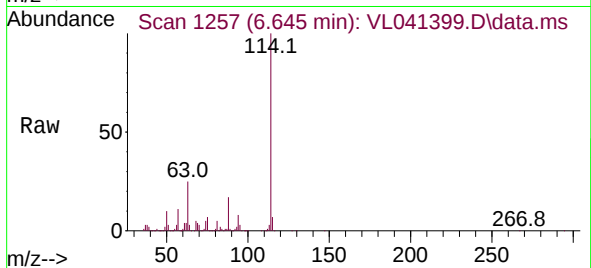
Tgt Ion:114 Resp: 3353351

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 8.859 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.000 min

Lab File: VL041399.D

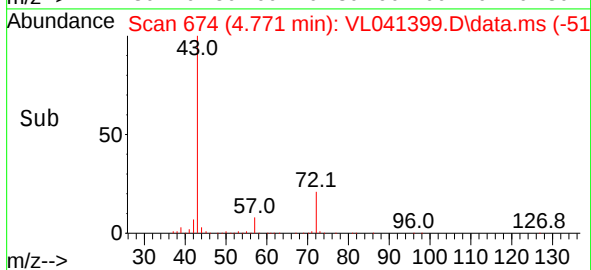
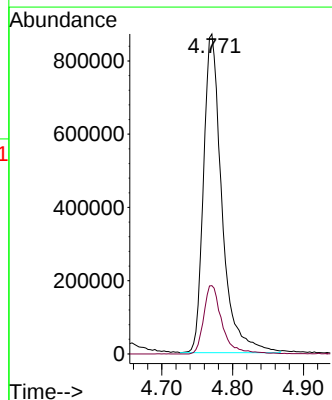
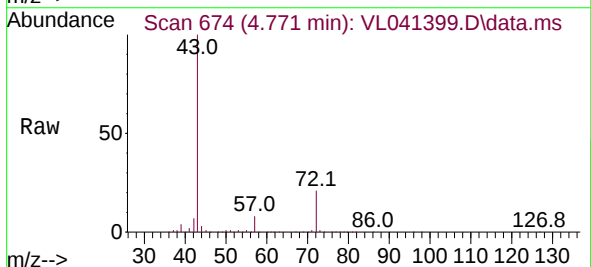
Acq: 25 Jul 2024 13:59

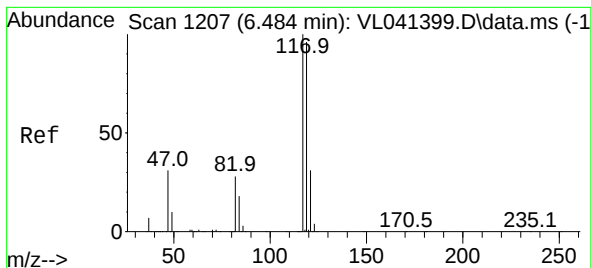
Tgt Ion: 43 Resp: 1567685

Ion Ratio Lower Upper

43 100

72 21.7 17.3 25.9





#35

Carbon Tetrachloride

Concen: 8.291 ppbv

RT: 6.484 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

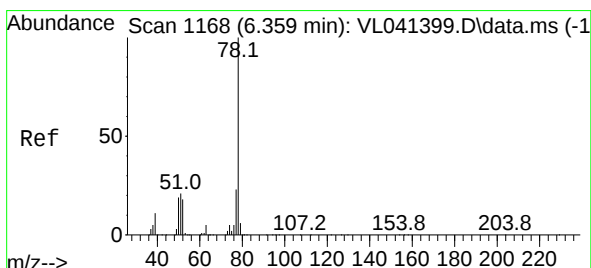
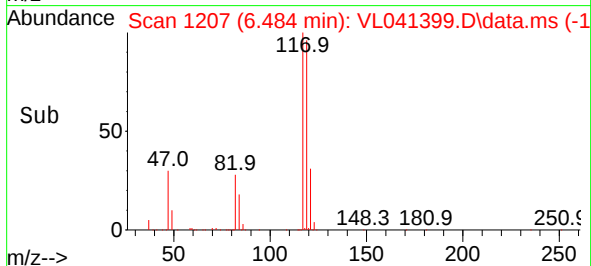
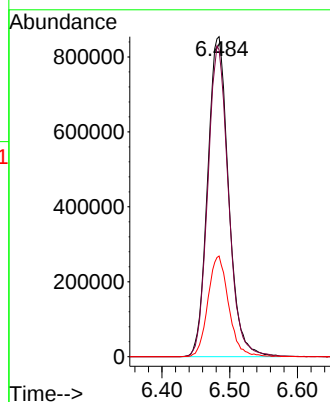
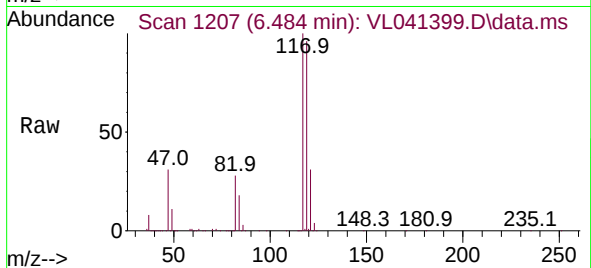
Tgt Ion:117 Resp: 1836059

Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0

121 31.4 25.1 37.7



#36

Benzene

Concen: 8.516 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

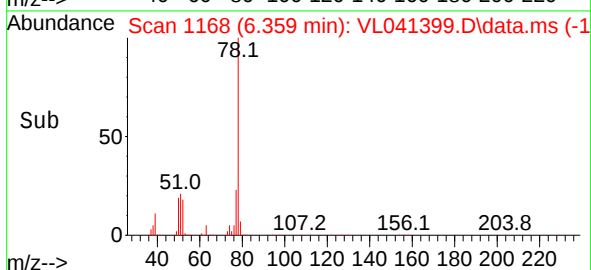
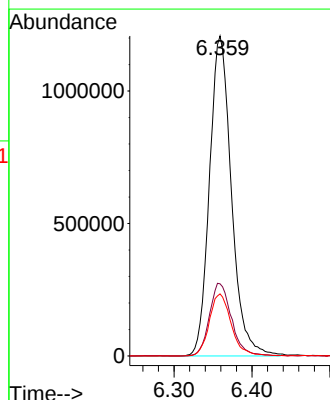
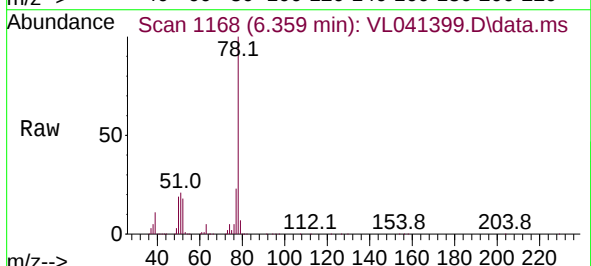
Tgt Ion: 78 Resp: 2363293

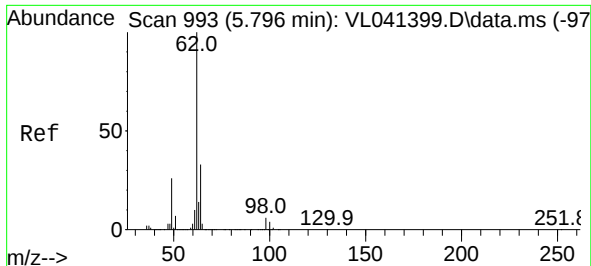
Ion Ratio Lower Upper

78 100

77 22.6 18.1 27.1

50 19.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 8.275 ppbv

RT: 5.796 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

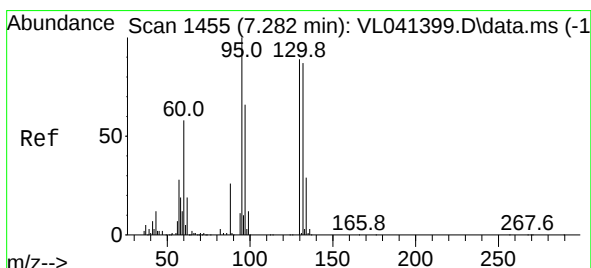
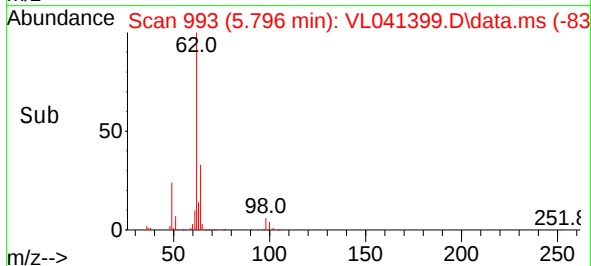
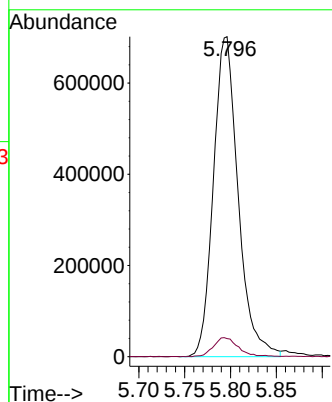
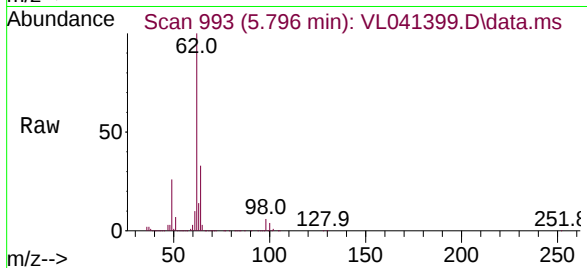
ClientSampleId :

Tgt Ion: 62 Resp: 1317693

Ion Ratio Lower Upper

62 100

98 6.0 5.0 7.4



#38

Trichloroethene

Concen: 8.888 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Tgt Ion:130 Resp: 1074518

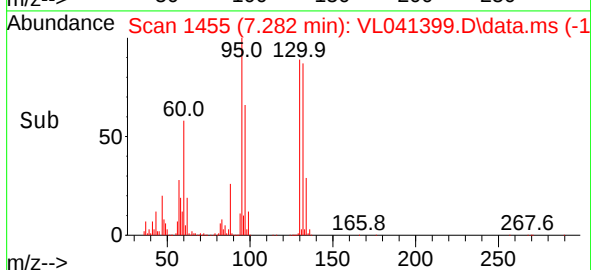
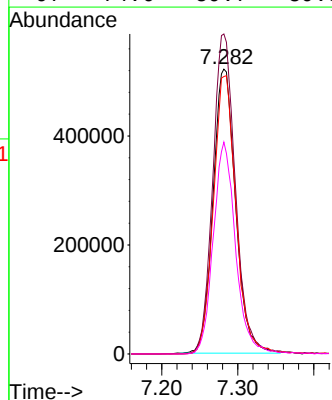
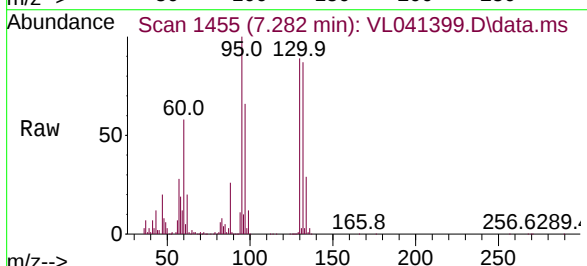
Ion Ratio Lower Upper

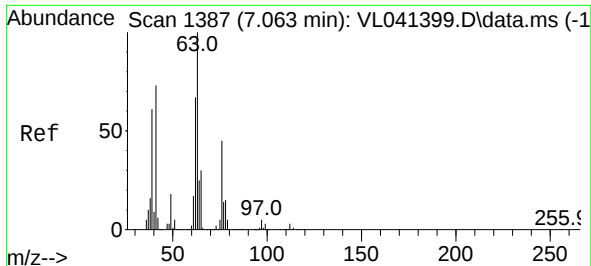
130 100

95 112.7 90.2 135.2

132 97.6 78.1 117.1

97 74.6 59.7 89.5





#39

1,2-Dichloropropane

Concen: 8.313 ppbv

RT: 7.063 min Scan# 14

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

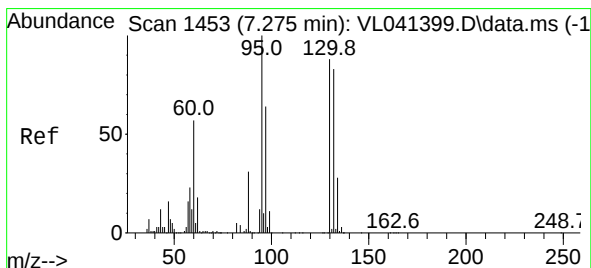
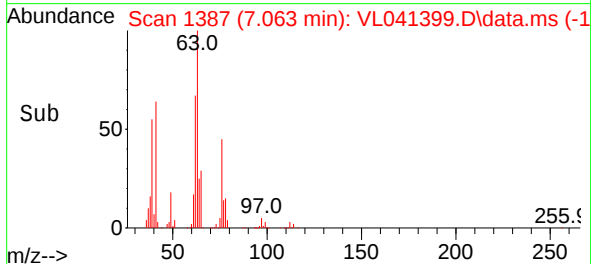
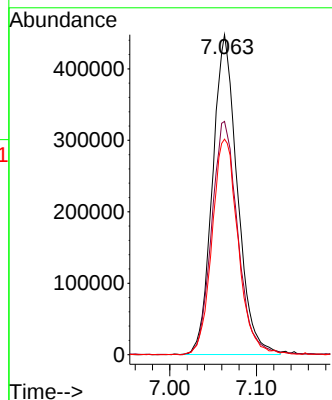
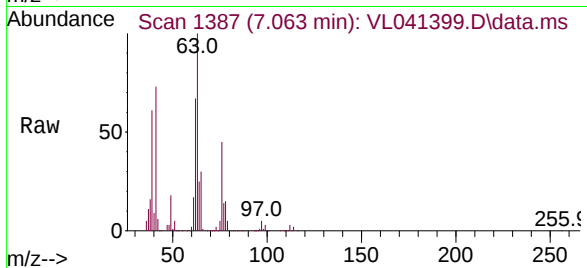
Tgt Ion: 63 Resp: 891517

Ion Ratio Lower Upper

63 100

41 72.9 58.3 87.5

62 67.4 53.9 80.9



#40

1,4-Dioxane

Concen: 11.182 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Tgt Ion: 88 Resp: 384473

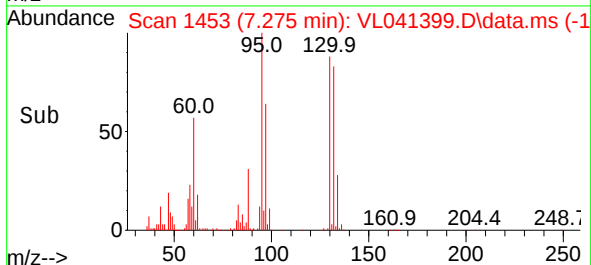
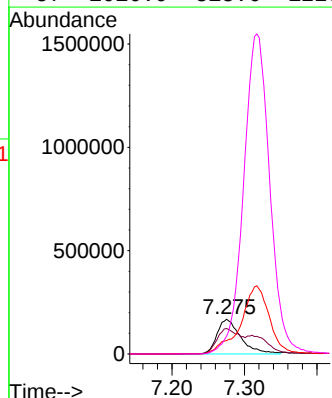
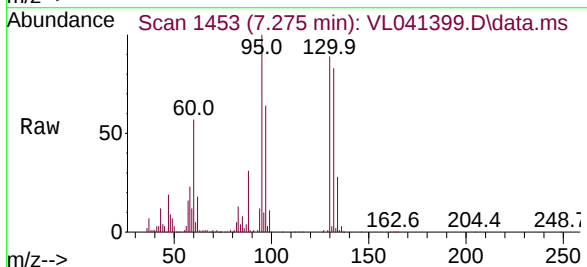
Ion Ratio Lower Upper

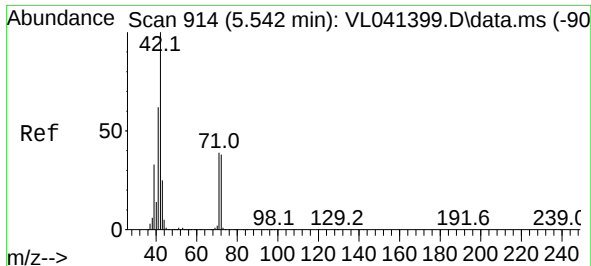
88 100

58 120.6 95.8 143.6

43 238.4 188.2 282.2

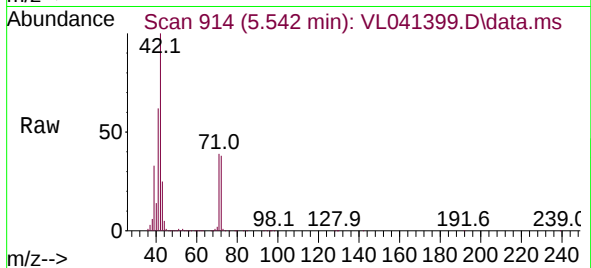
57 1016.9 813.6 1220.4



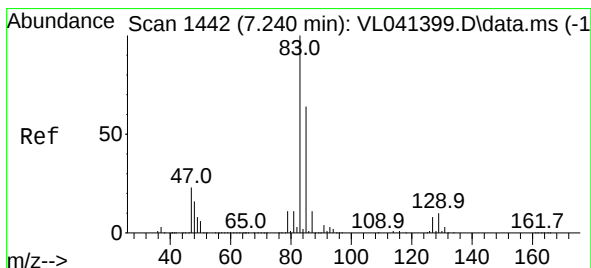
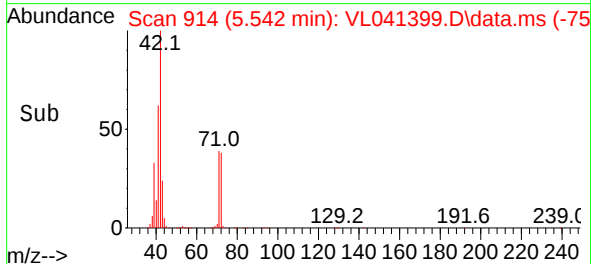
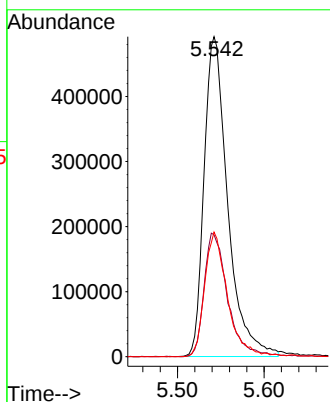


#41
Tetrahydrofuran
Concen: 8.495 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_L
ClientSampleId :

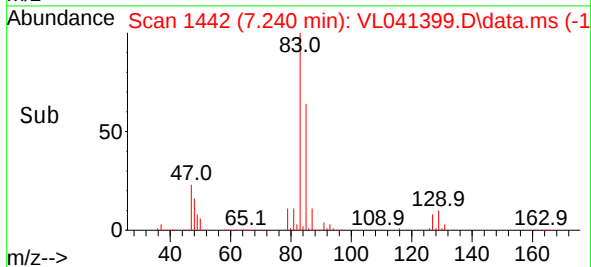
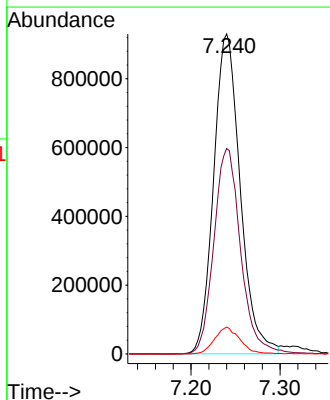
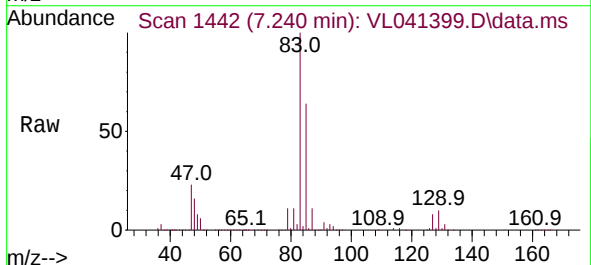


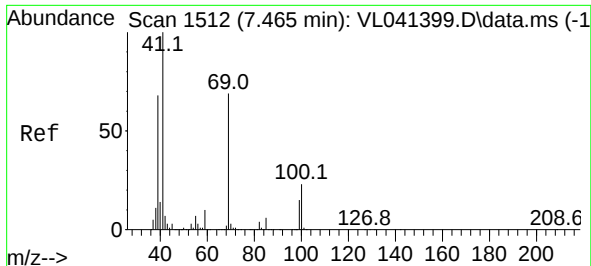
Tgt Ion: 42 Resp: 931064
Ion Ratio Lower Upper
42 100
72 39.0 31.2 46.8
71 38.1 30.5 45.7



#42
Bromodichloromethane
Concen: 8.675 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 83 Resp: 1932798
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.4 6.7 10.1





#43

Methyl Methacrylate

Concen: 9.097 ppbv

RT: 7.465 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

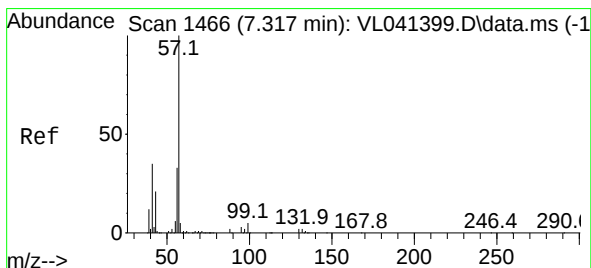
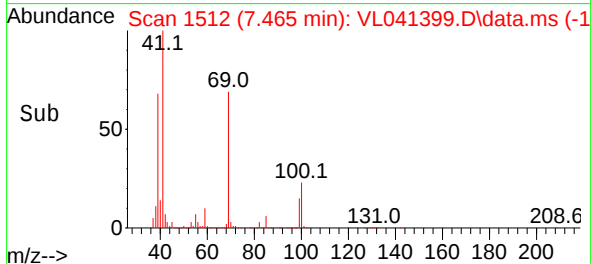
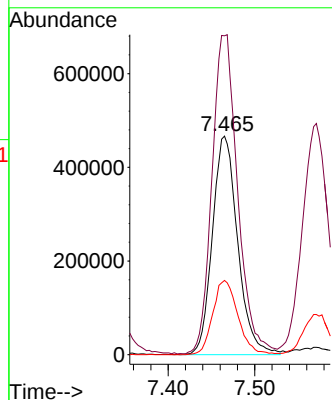
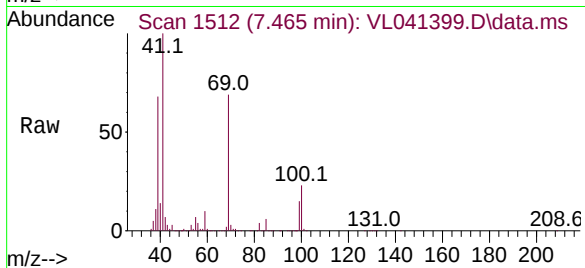
Tgt Ion: 69 Resp: 948521

Ion Ratio Lower Upper

69 100

41 148.4 118.7 178.1

100 33.7 27.0 40.4



#44

2,2,4-Trimethylpentane

Concen: 8.286 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

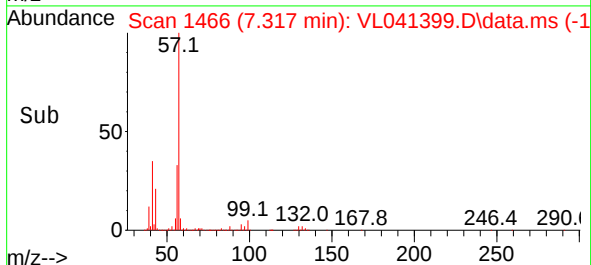
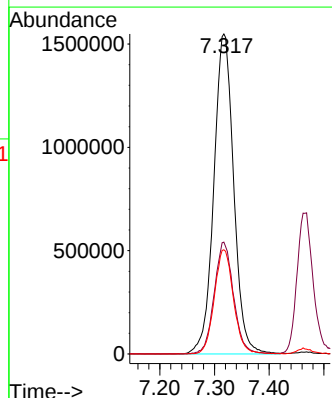
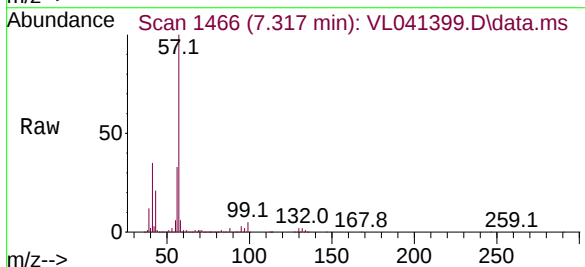
Tgt Ion: 57 Resp: 3907968

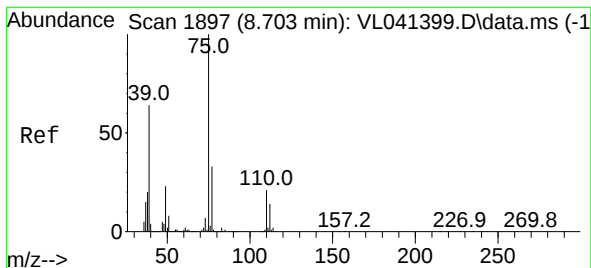
Ion Ratio Lower Upper

57 100

41 33.8 27.0 40.6

56 31.5 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 14.599 ppbv

RT: 8.703 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

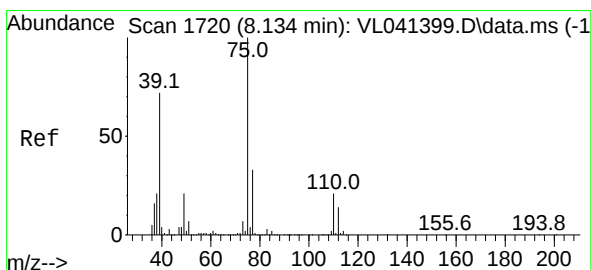
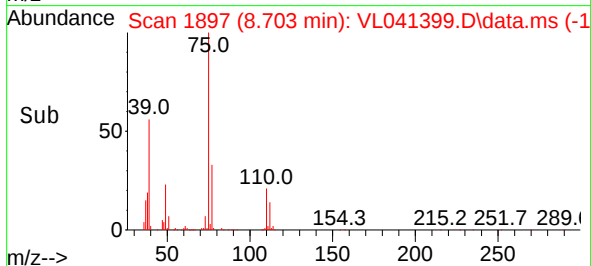
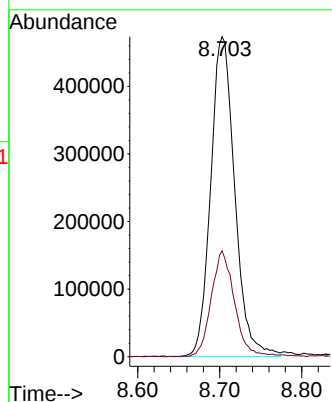
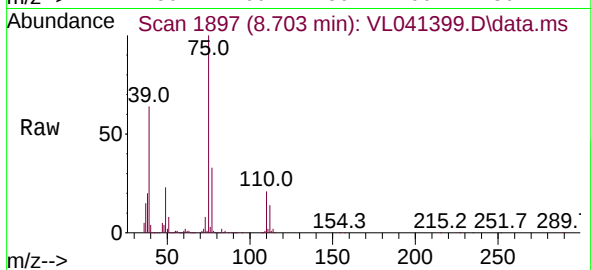
ClientSampleId :

Tgt Ion: 75 Resp: 963383

Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 14.444 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

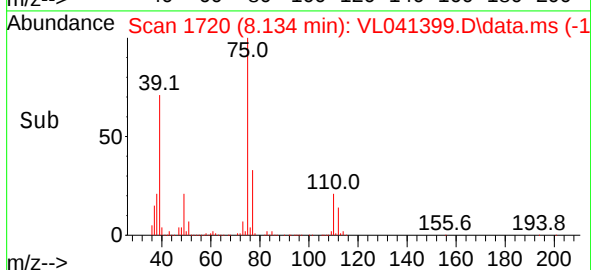
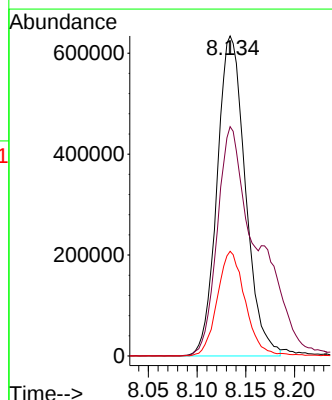
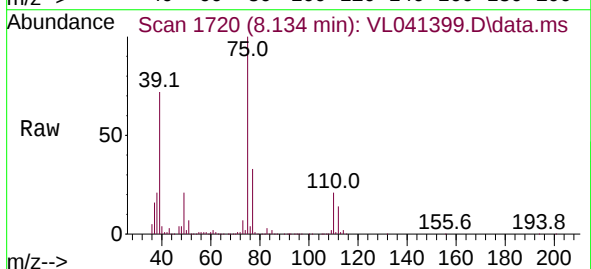
Tgt Ion: 75 Resp: 1281640

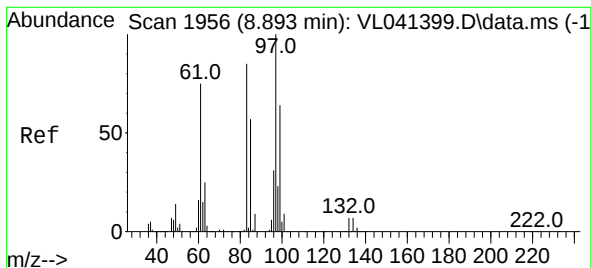
Ion Ratio Lower Upper

75 100

39 71.6 57.3 85.9

77 32.7 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 8.580 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 987016

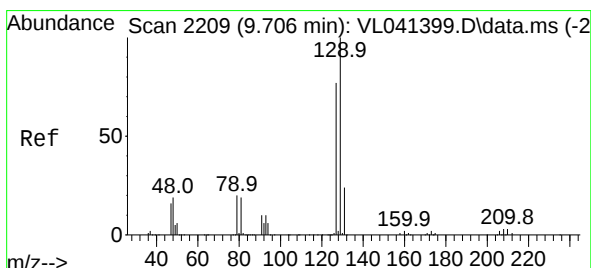
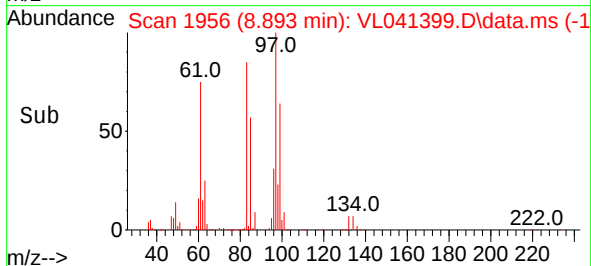
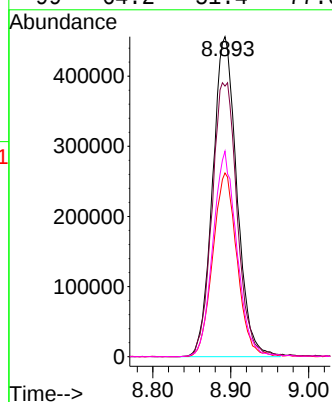
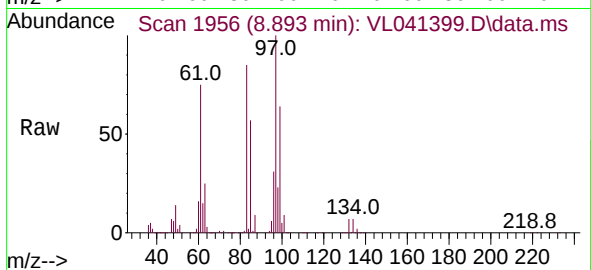
Ion Ratio Lower Upper

97 100

83 84.5 67.6 101.4

85 57.4 45.9 68.9

99 64.2 51.4 77.0



#48

Dibromochloromethane

Concen: 9.161 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VL041399.D

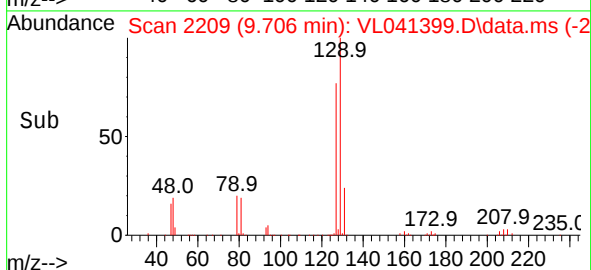
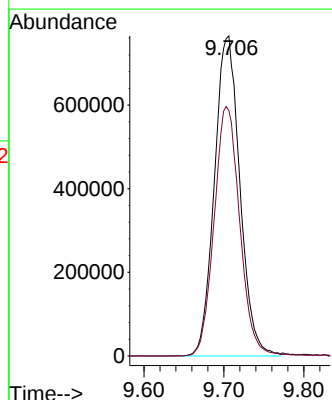
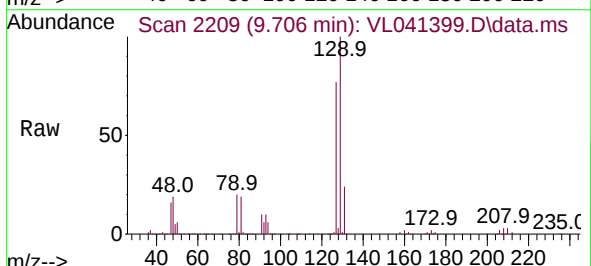
Acq: 25 Jul 2024 13:59

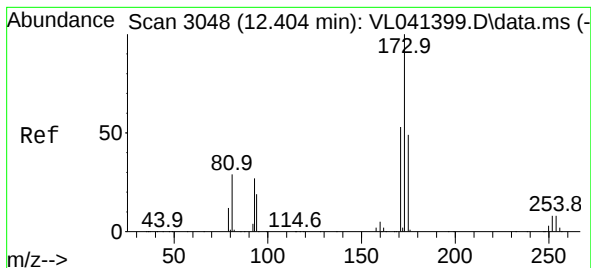
Tgt Ion: 129 Resp: 1692234

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.8





#49

Bromoform

Concen: 10.170 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

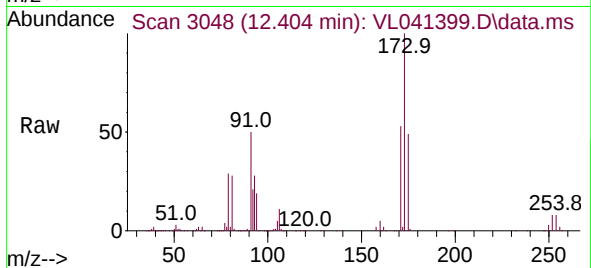
Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :



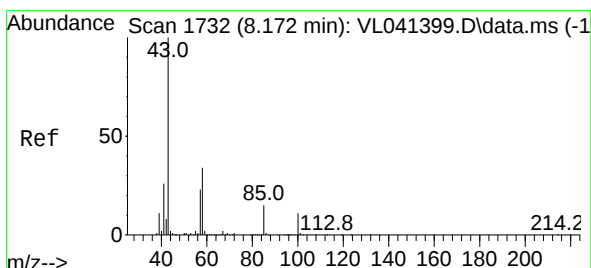
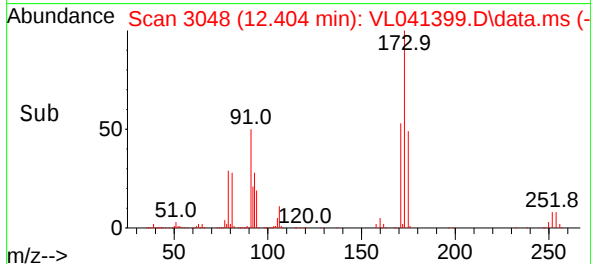
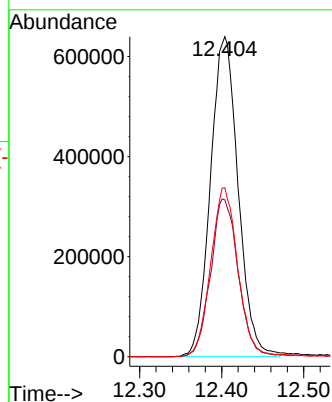
Tgt Ion:173 Resp: 1496236

Ion Ratio Lower Upper

173 100

175 49.2 39.9 59.9

171 52.1 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 9.163 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL041399.D

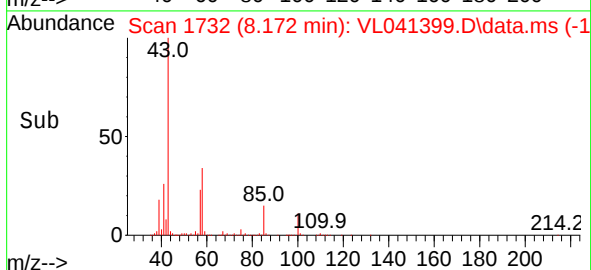
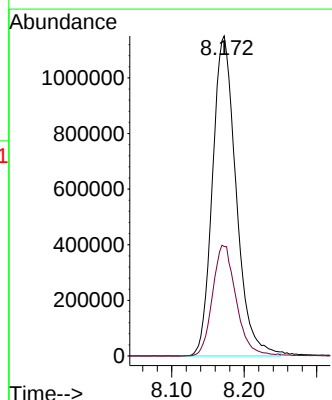
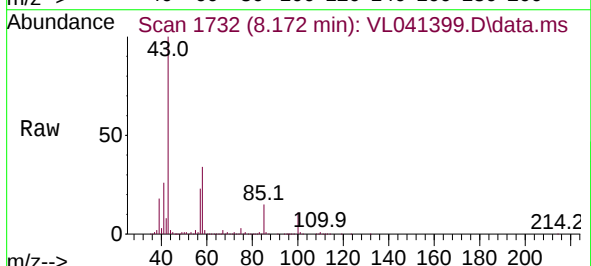
Acq: 25 Jul 2024 13:59

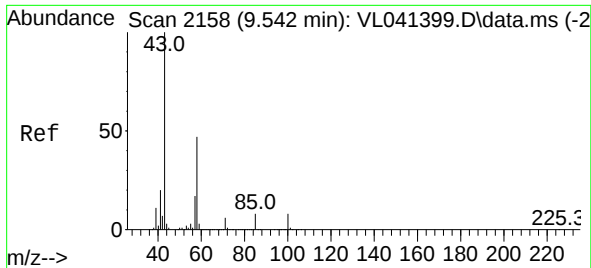
Tgt Ion: 43 Resp: 2603717

Ion Ratio Lower Upper

43 100

58 34.9 27.9 41.9

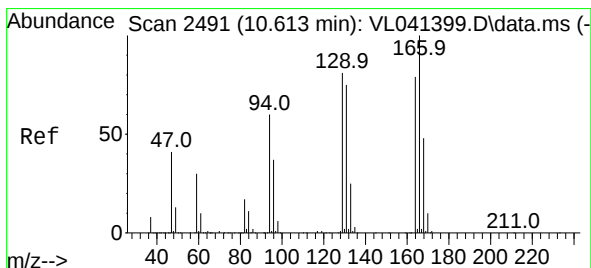
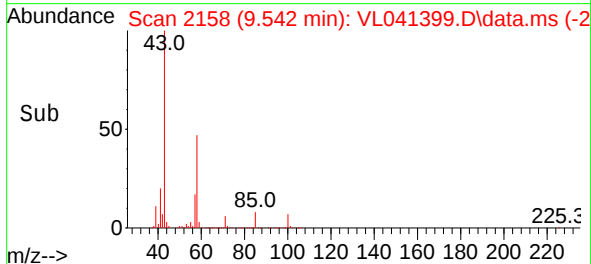
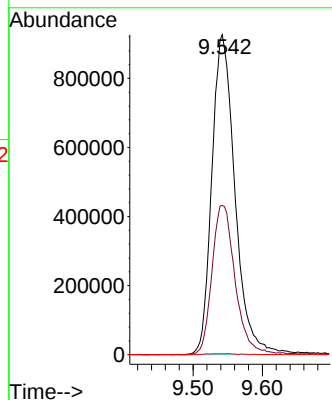
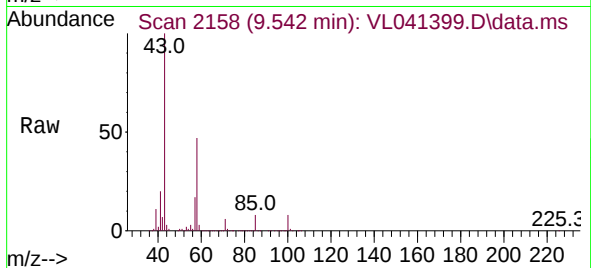




#51
2-Hexanone
Concen: 10.601 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

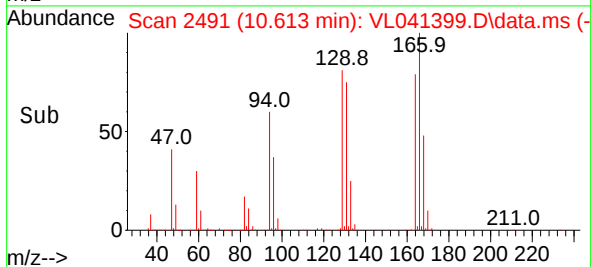
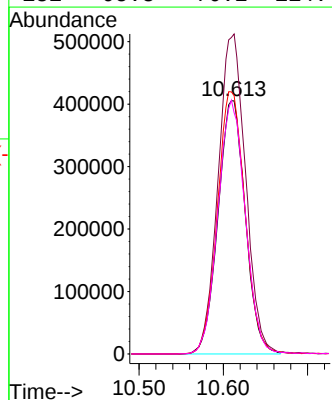
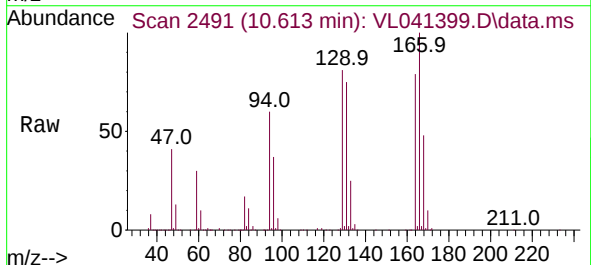
Instrument :
MSVOA_L
ClientSampleId :

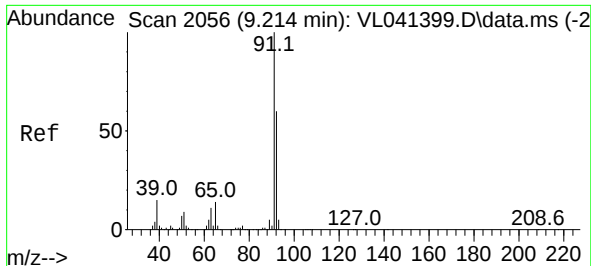
Tgt Ion: 43 Resp: 2141345
Ion Ratio Lower Upper
43 100
58 47.6 38.2 57.2
98 0.5 0.3 0.5



#52
Tetrachloroethene
Concen: 8.147 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion:164 Resp: 907950
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 102.1 81.7 122.5
131 95.3 76.2 114.4





#53

Toluene

Concen: 8.880 ppbv

RT: 9.214 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

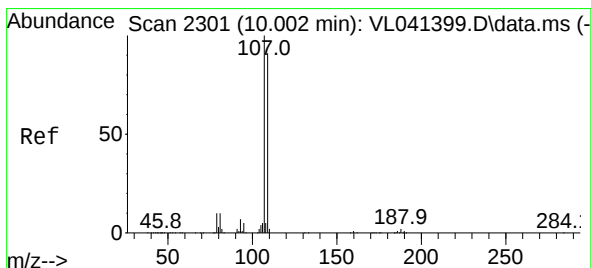
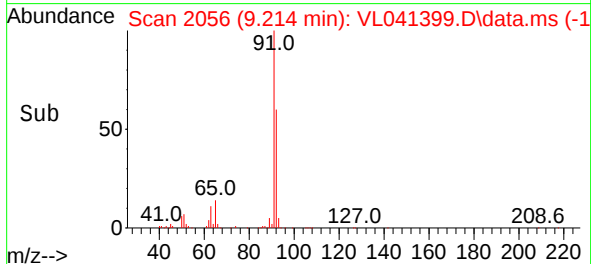
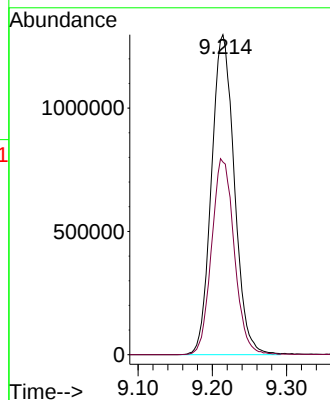
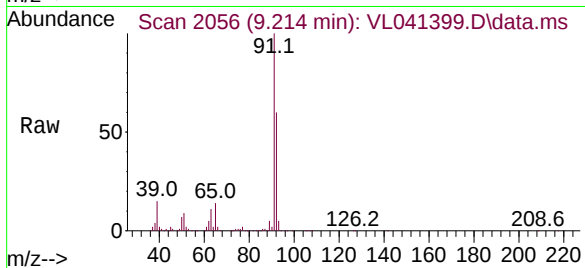
ClientSampleId :

Tgt Ion: 91 Resp: 2779504

Ion Ratio Lower Upper

91 100

92 60.9 48.7 73.1



#54

1,2-Dibromoethane

Concen: 10.105 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. 0.000 min

Lab File: VL041399.D

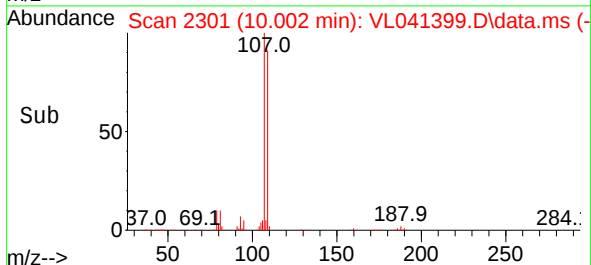
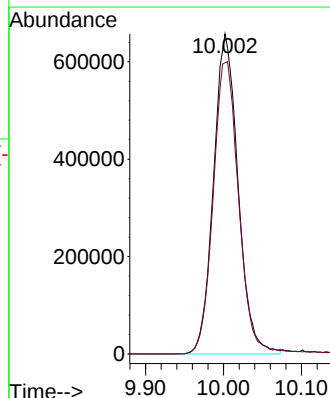
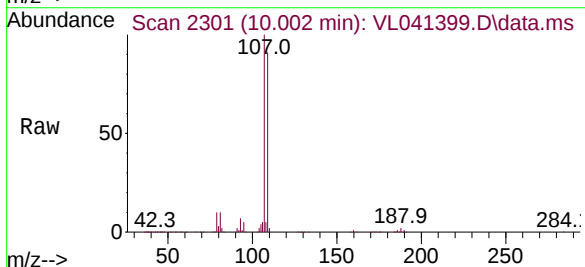
Acq: 25 Jul 2024 13:59

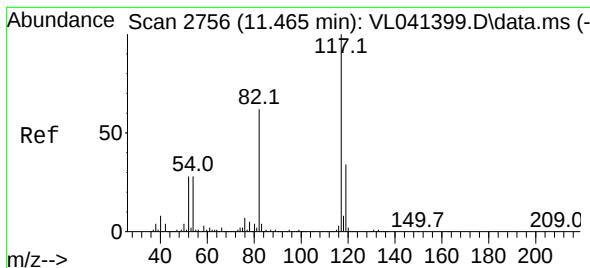
Tgt Ion:107 Resp: 1438535

Ion Ratio Lower Upper

107 100

109 90.9 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

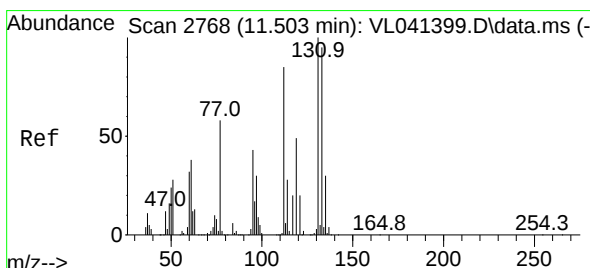
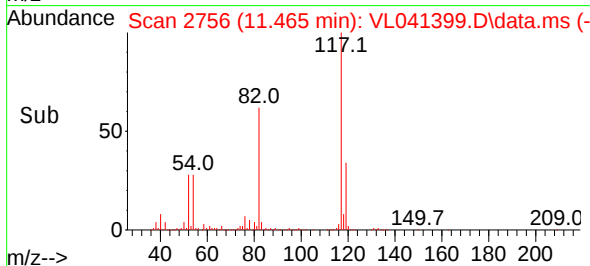
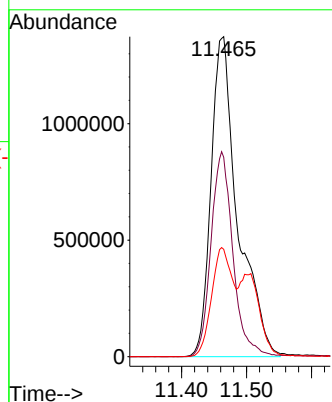
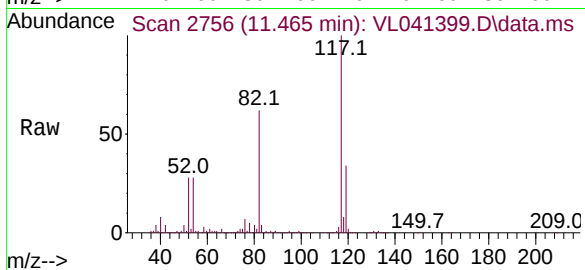
Tgt Ion:117 Resp: 3929836

Ion Ratio Lower Upper

117 100

82 53.2 51.0 76.6

119 26.7 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 6.863 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

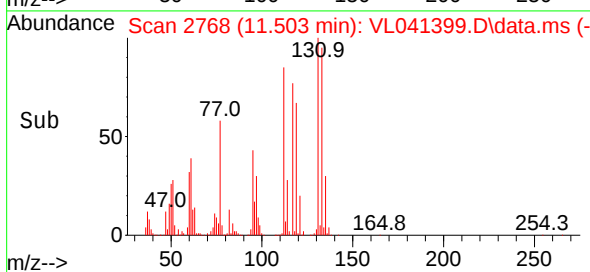
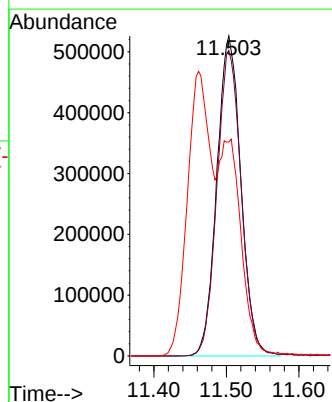
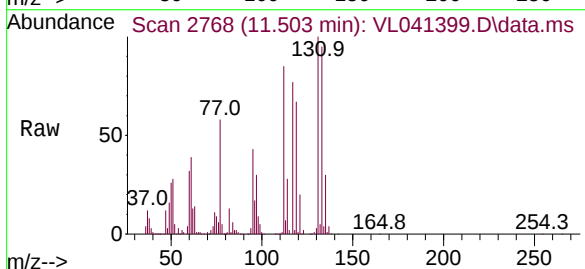
Tgt Ion:131 Resp: 1213659

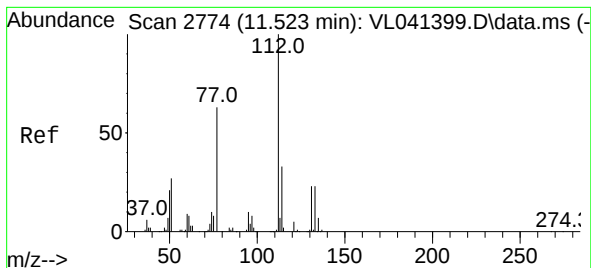
Ion Ratio Lower Upper

131 100

133 96.6 77.0 115.4

119 65.1 121.5 182.3#

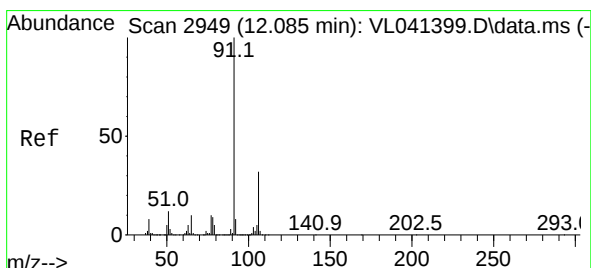
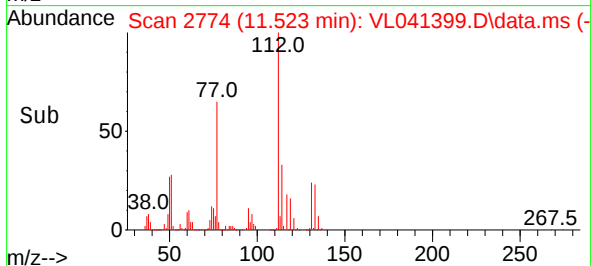
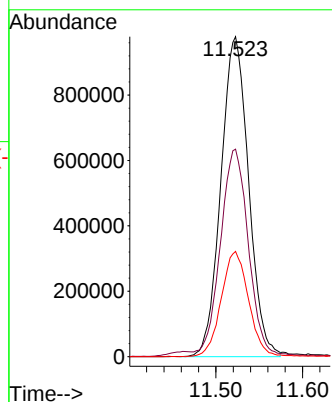
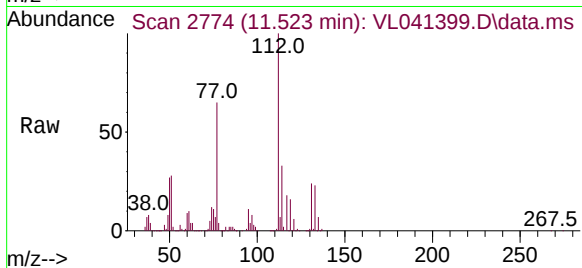




#57
Chlorobenzene
Concen: 7.053 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

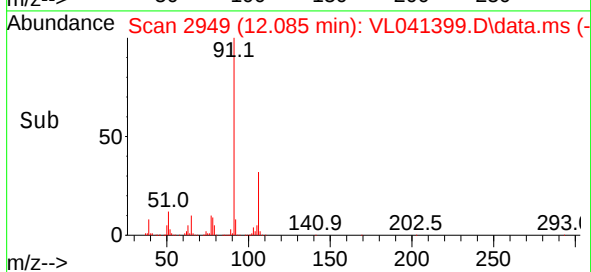
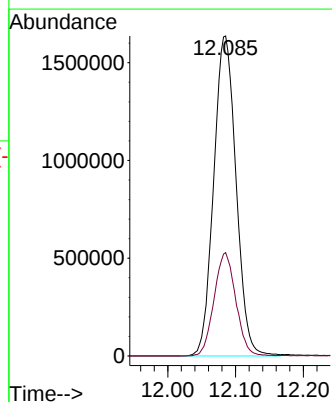
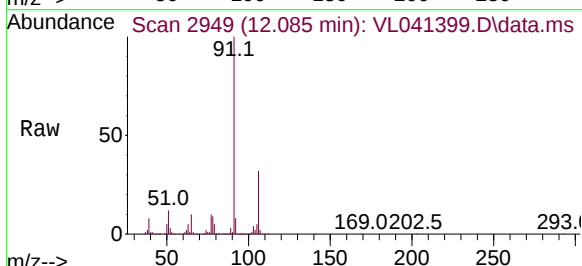
Instrument :
MSVOA_L
ClientSampleId :

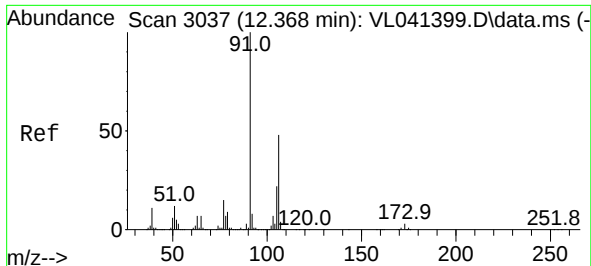
Tgt Ion:112 Resp: 2174265
Ion Ratio Lower Upper
112 100
77 63.9 51.1 76.7
114 32.8 29.5 36.1



#58
Ethyl Benzene
Concen: 7.138 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 91 Resp: 3752771
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8





#59

m/p-Xylene

Concen: 6.454 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

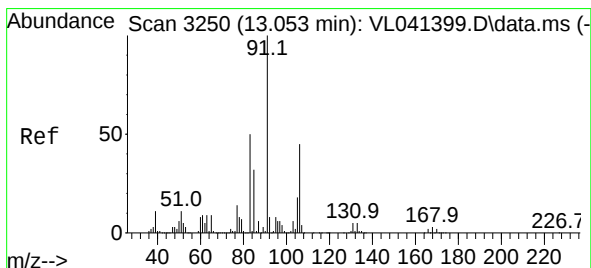
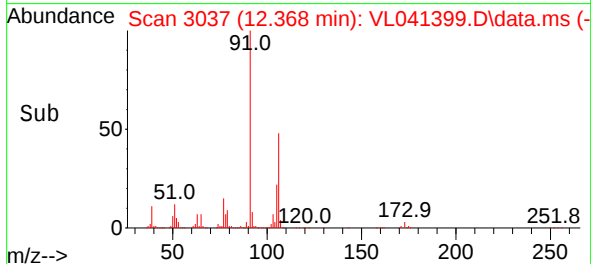
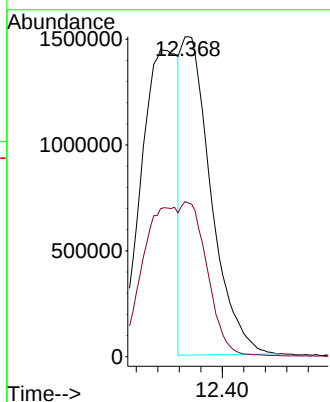
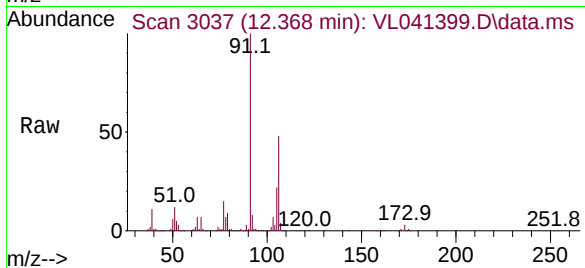
ClientSampleId :

Tgt Ion: 91 Resp: 2936548

Ion Ratio Lower Upper

91 100

106 98.7 36.3 54.5#



#60

o-Xylene

Concen: 7.071 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VL041399.D

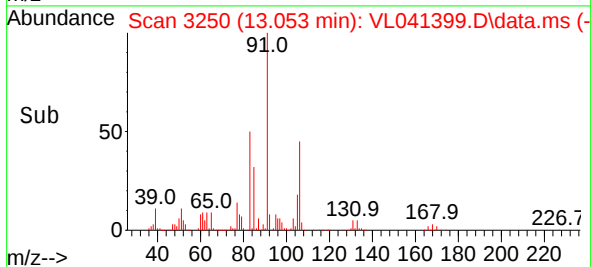
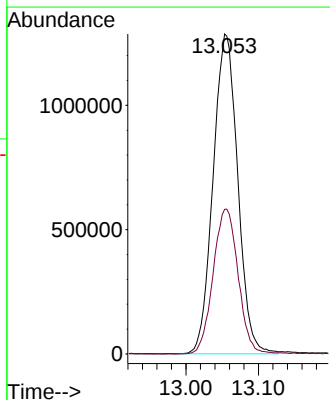
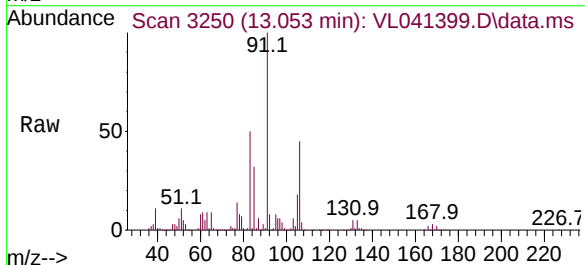
Acq: 25 Jul 2024 13:59

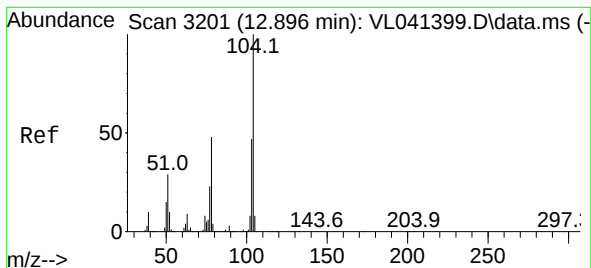
Tgt Ion: 91 Resp: 3036791

Ion Ratio Lower Upper

91 100

106 46.2 23.1 69.3

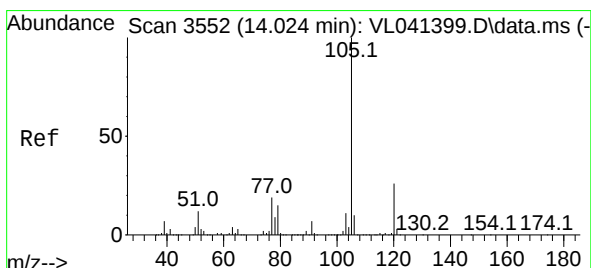
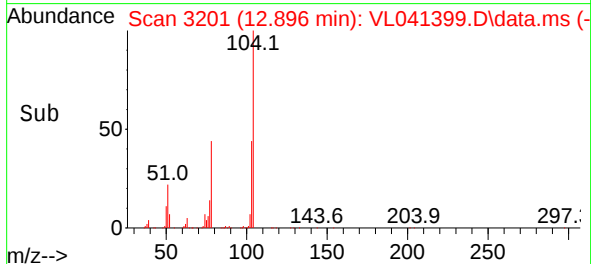
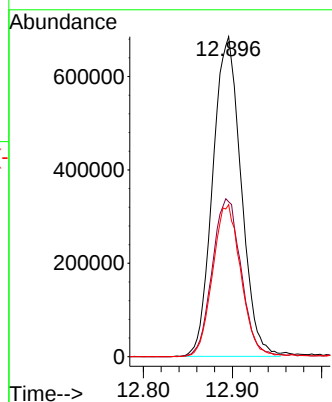
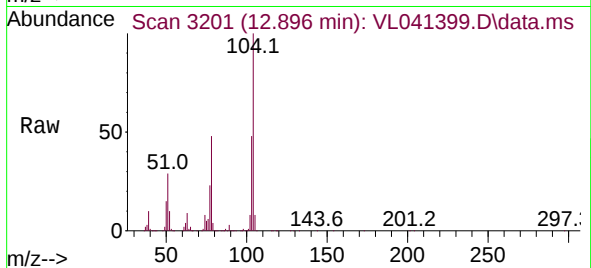




#61
Styrene
Concen: 7.257 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

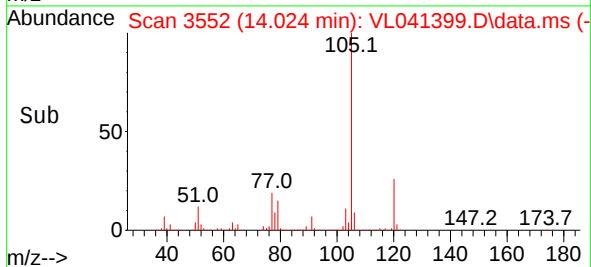
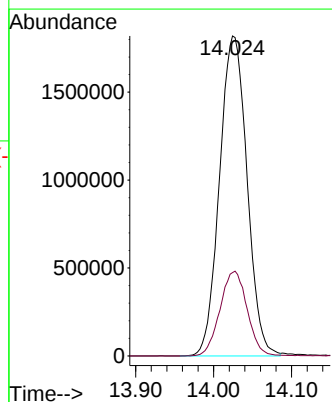
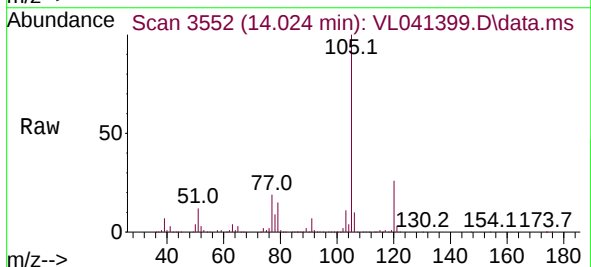
Instrument :
MSVOA_L
ClientSampleId :

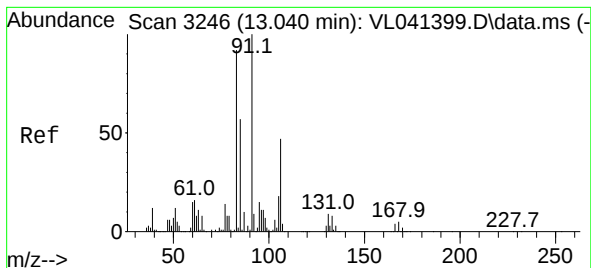
Tgt Ion:104 Resp: 1513410
Ion Ratio Lower Upper
104 100
78 50.9 40.8 61.2
103 47.8 38.2 57.4



#62
Isopropylbenzene
Concen: 6.730 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion:105 Resp: 4462038
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4

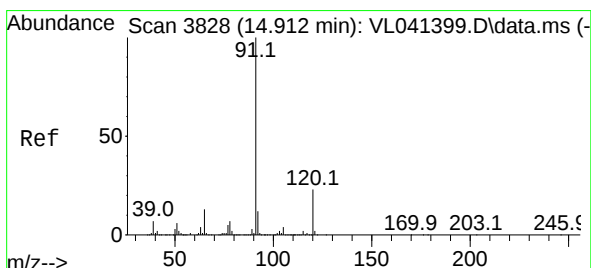
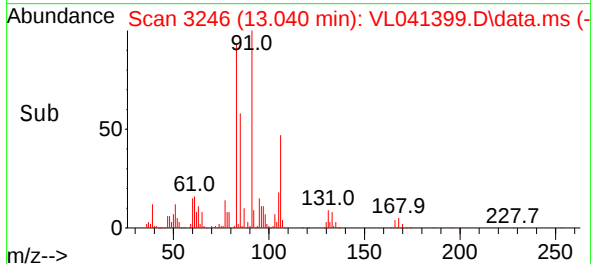
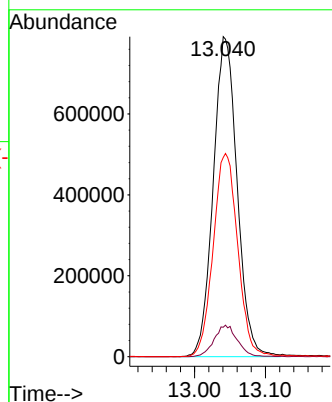
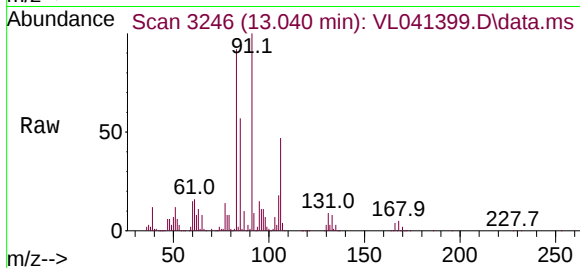




#63
1,1,2,2-Tetrachloroethane
Concen: 5.480 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

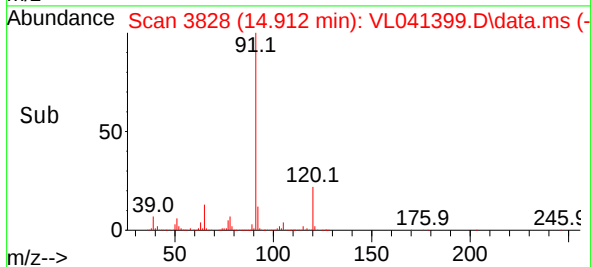
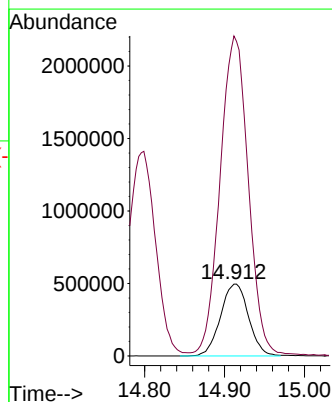
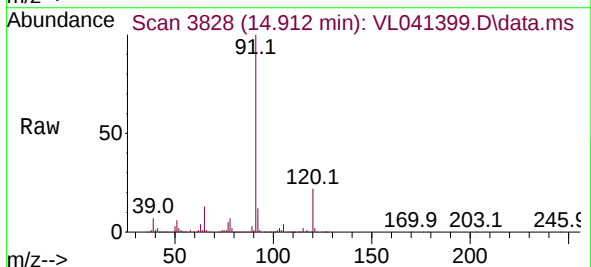
Instrument :
MSVOA_L
ClientSampleId :

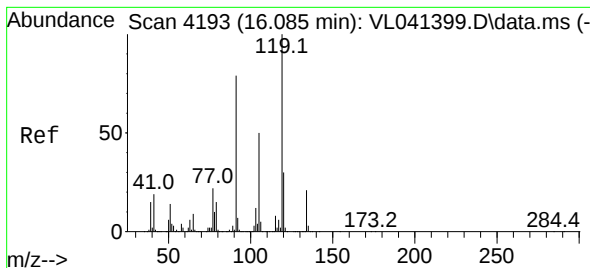
Tgt Ion: 83 Resp: 1853886
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.3 32.6 98.0



#64
n-propylbenzene
Concen: 6.965 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion:120 Resp: 1205437
Ion Ratio Lower Upper
120 100
91 451.7 361.4 542.0





#65

tert-Butylbenzene

Concen: 6.822 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

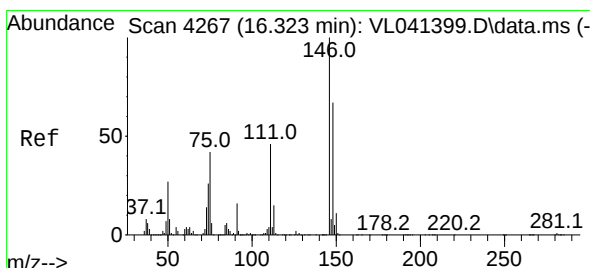
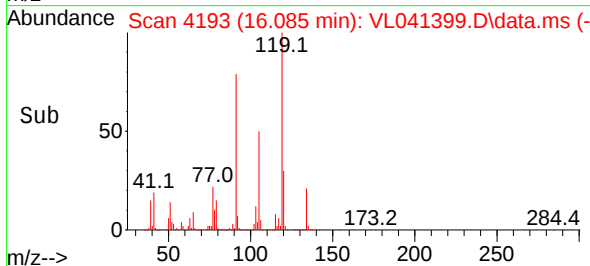
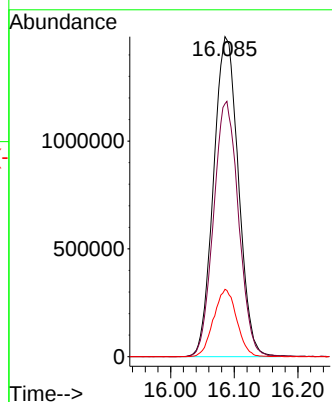
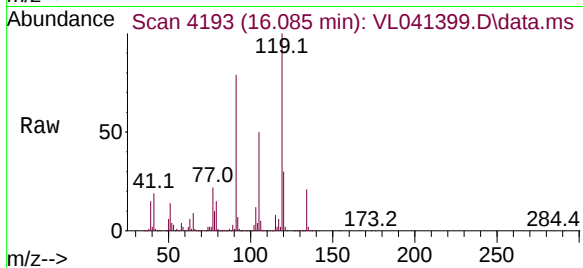
Tgt Ion:119 Resp: 4027165

Ion Ratio Lower Upper

119 100

91 80.2 64.2 96.2

134 19.6 15.7 23.5



#66

Benzyl Chloride

Concen: 7.721 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

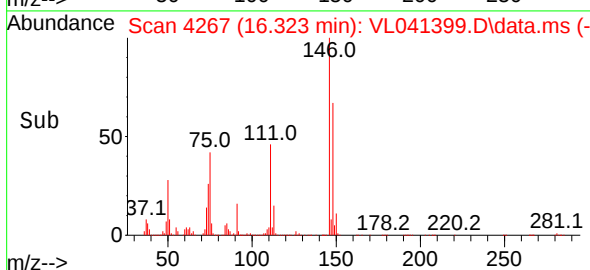
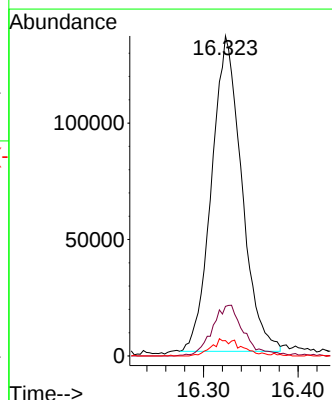
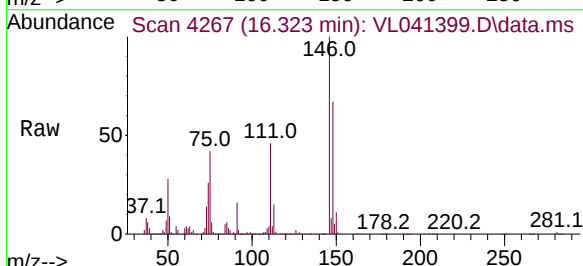
Tgt Ion: 91 Resp: 299511

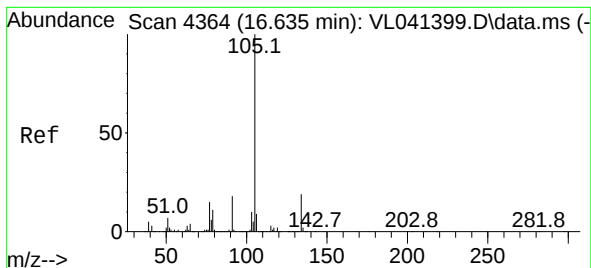
Ion Ratio Lower Upper

91 100

126 17.3 13.8 20.8

128 5.5 4.4 6.6





#67

sec-Butylbenzene

Concen: 6.714 ppbv

RT: 16.635 min Scan# 4364

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

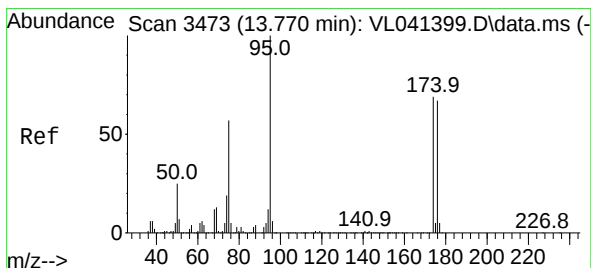
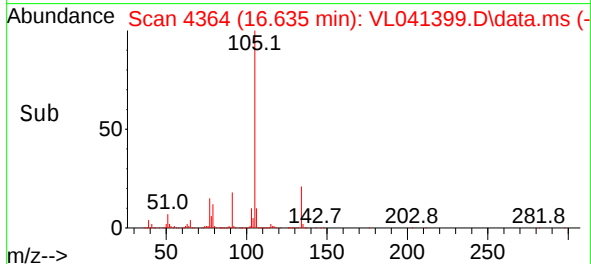
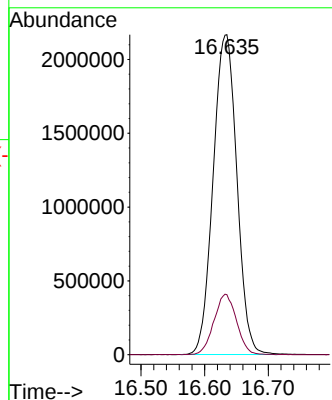
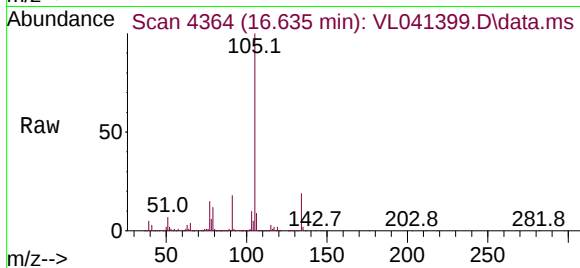
ClientSampleId :

Tgt Ion:105 Resp: 5605419

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.658 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

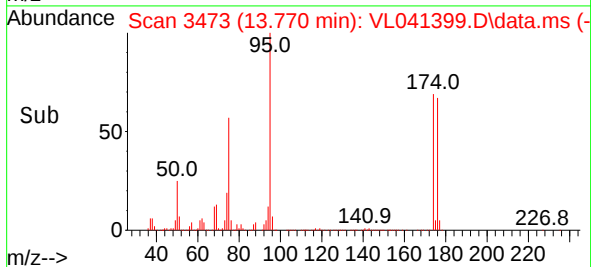
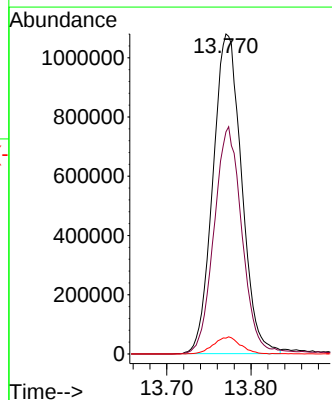
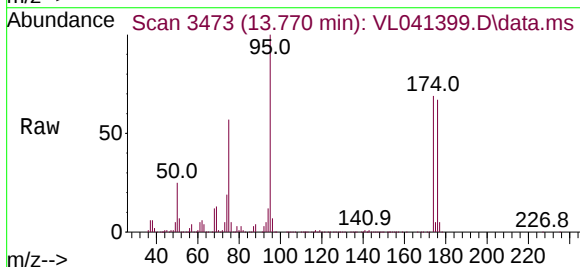
Tgt Ion: 95 Resp: 2550034

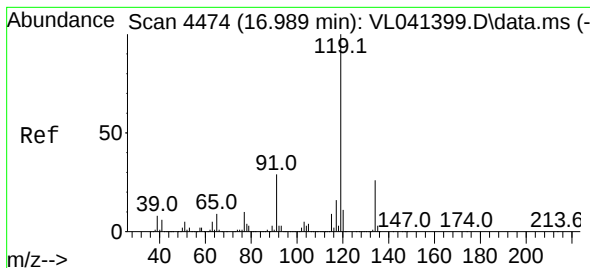
Ion Ratio Lower Upper

95 100

174 70.5 56.3 84.5

175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 6.870 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

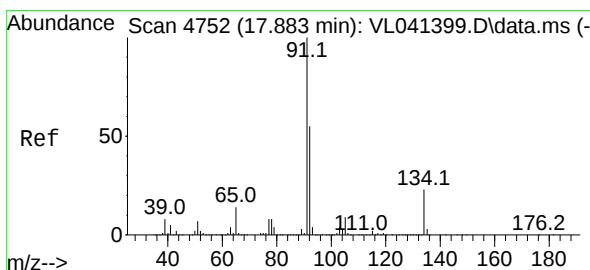
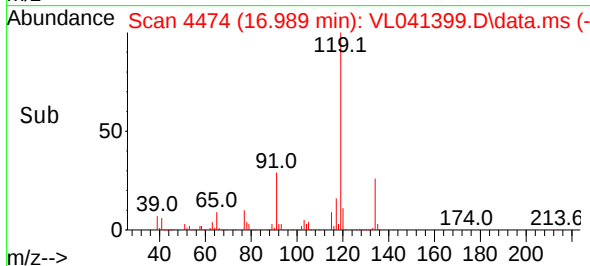
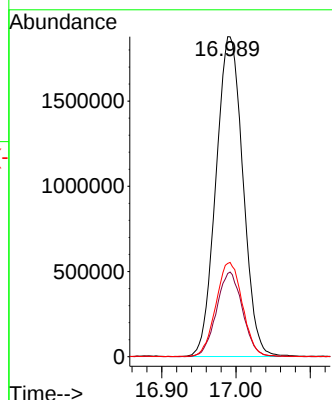
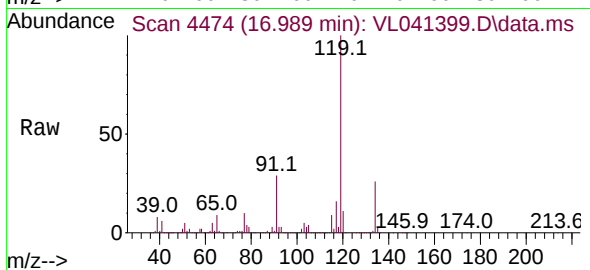
Tgt Ion:119 Resp: 4737222

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 29.0 23.2 34.8



#70

n-Butylbenzene

Concen: 6.883 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

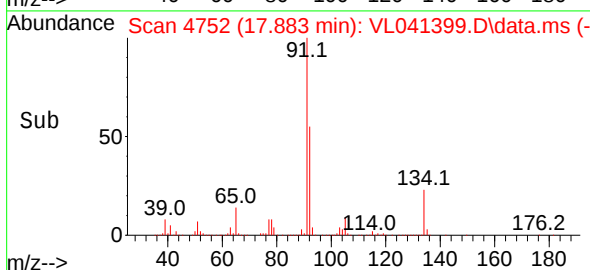
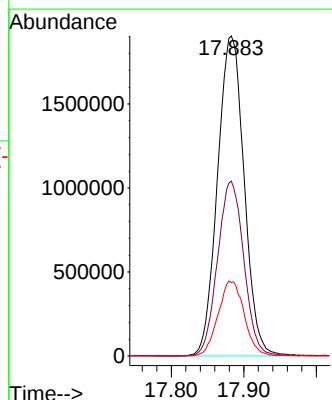
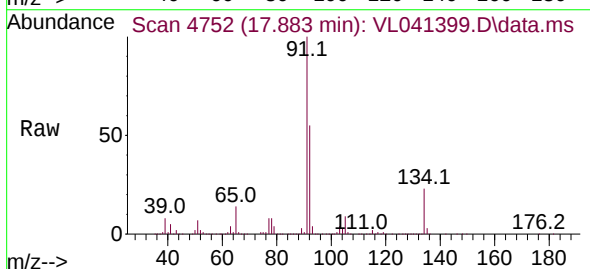
Tgt Ion: 91 Resp: 4851380

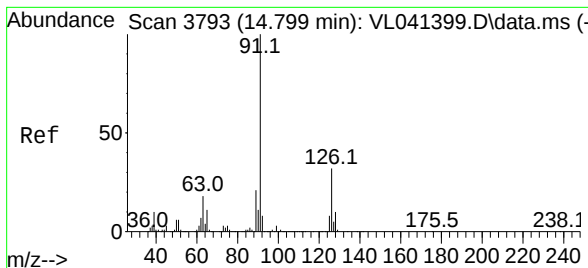
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 23.1 18.5 27.7

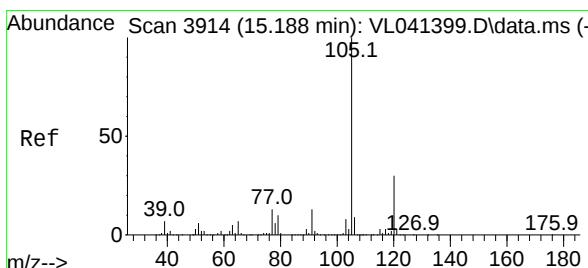
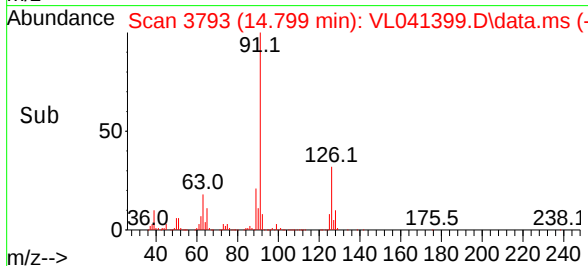
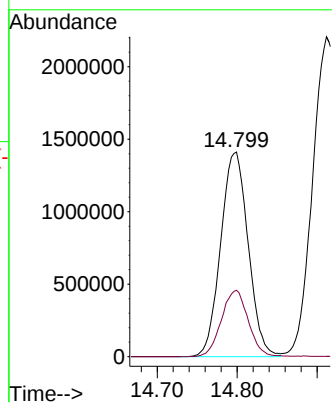
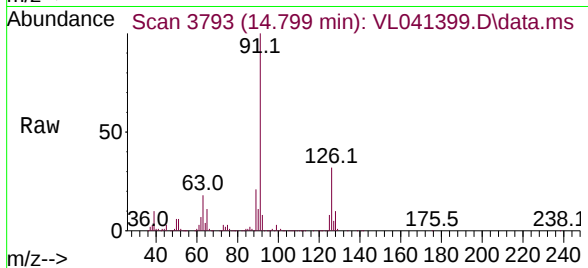




#71
2-Chlorotoluene
Concen: 6.840 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

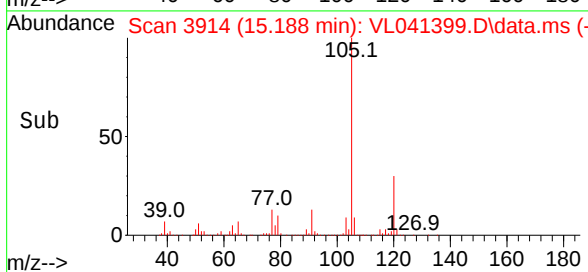
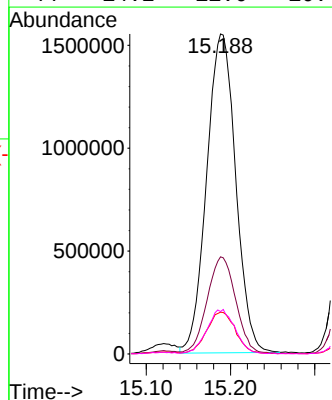
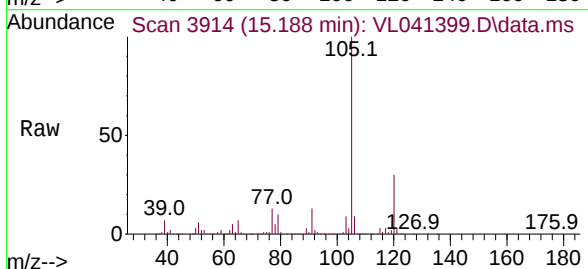
Instrument :
MSVOA_L
ClientSampleId :

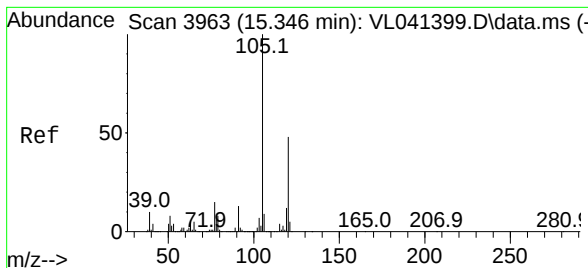
Tgt Ion: 91 Resp: 3368997
Ion Ratio Lower Upper
91 100
126 31.8 12.7 50.9



#72
4-Ethyltoluene
Concen: 7.256 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 105 Resp: 3711228
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 13.0 10.4 15.6
77 14.2 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 7.253 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

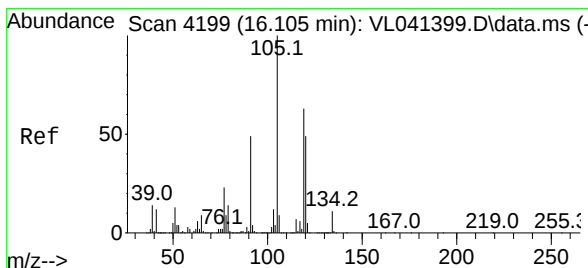
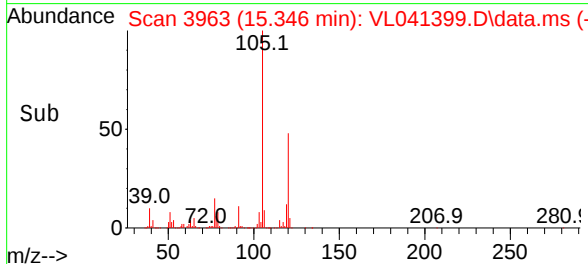
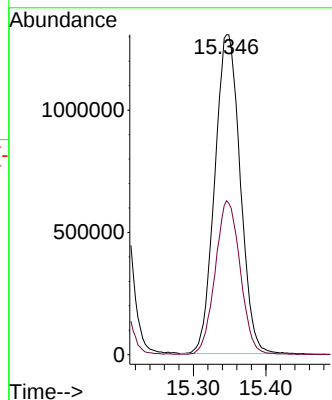
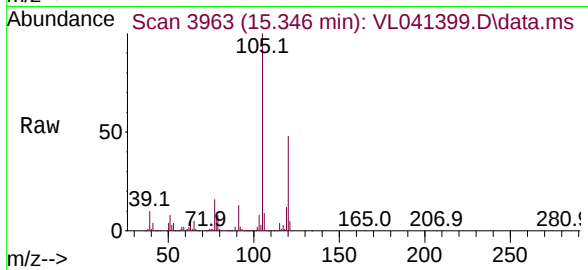
ClientSampleId :

Tgt Ion:105 Resp: 3175291

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 7.100 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Tgt Ion:105 Resp: 3502689

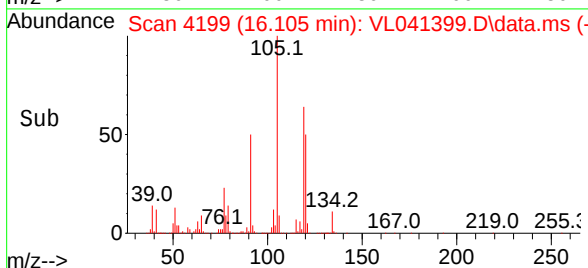
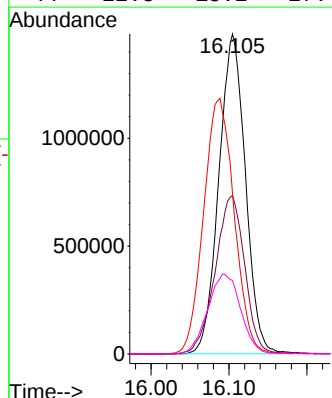
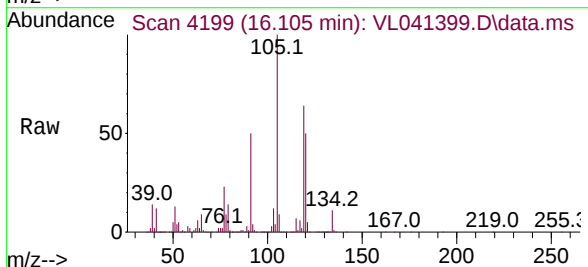
Ion Ratio Lower Upper

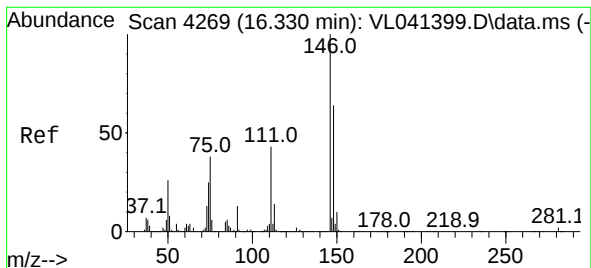
105 100

120 49.4 39.5 59.3

91 49.8 39.8 59.8

77 22.8 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 7.493 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

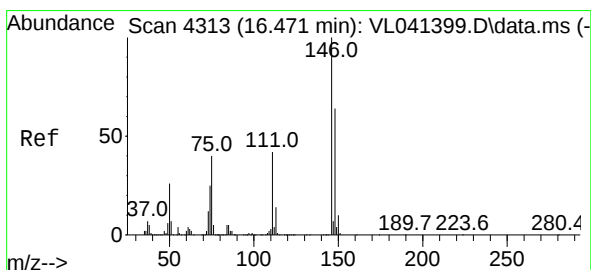
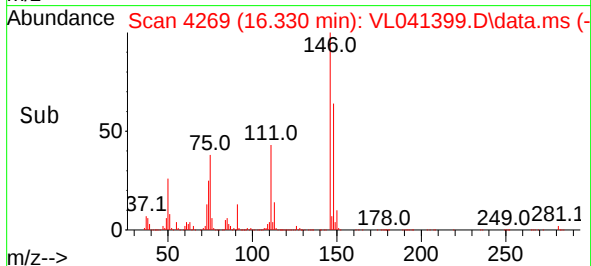
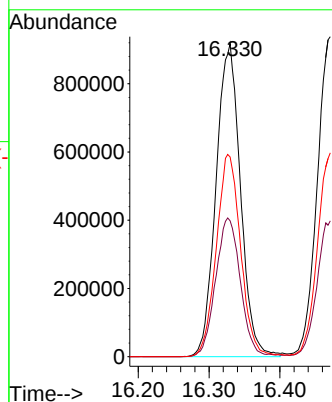
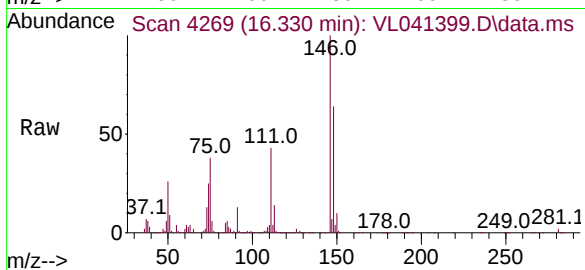
Tgt Ion:146 Resp: 2192883

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.8

148 64.5 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 7.341 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

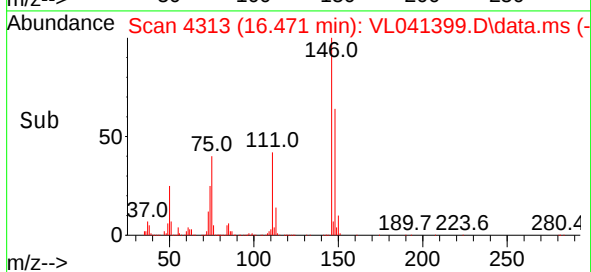
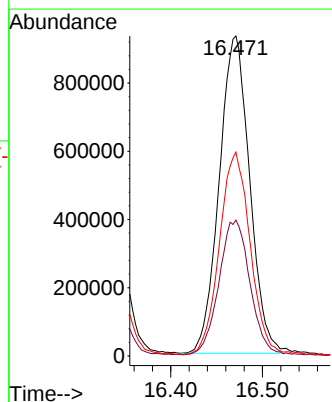
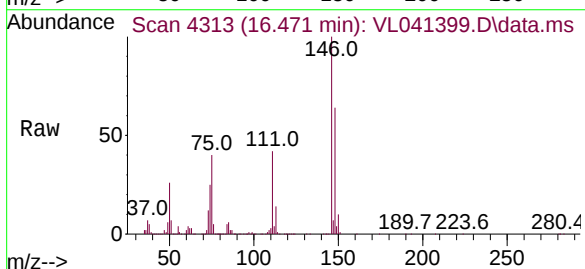
Tgt Ion:146 Resp: 2140459

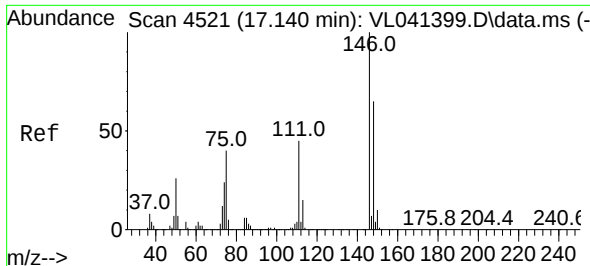
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 66.3 33.1 99.5

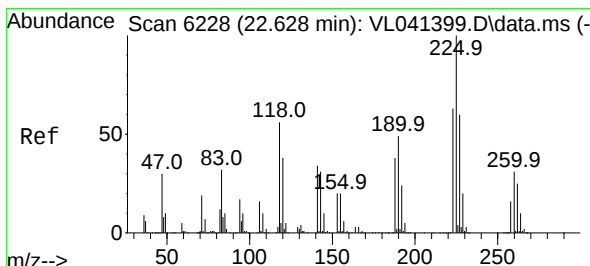
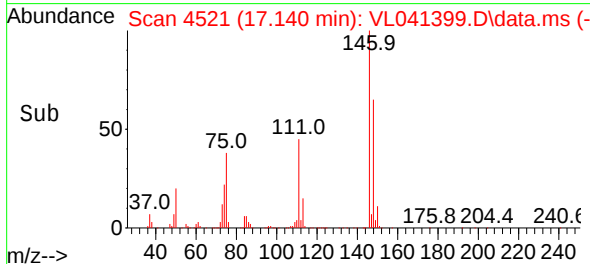
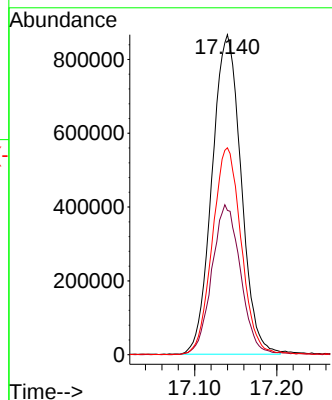
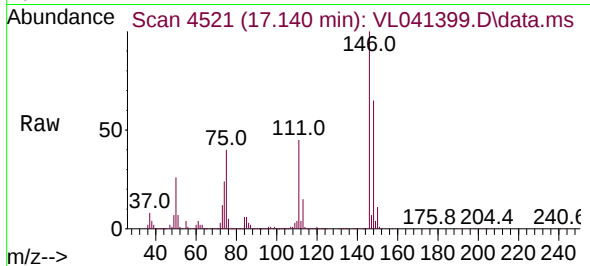




#77
1,2-Dichlorobenzene
Concen: 7.144 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

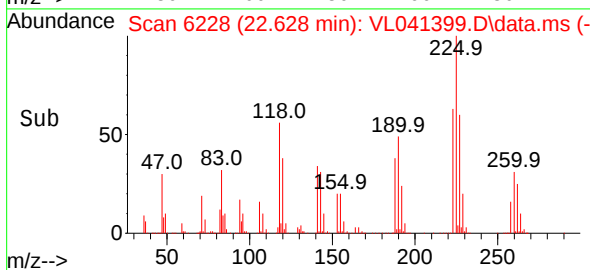
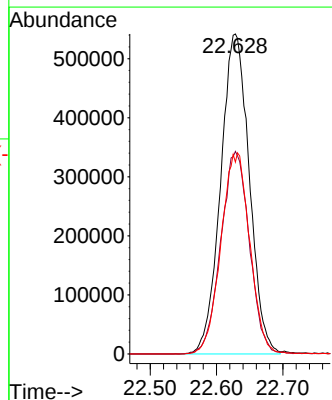
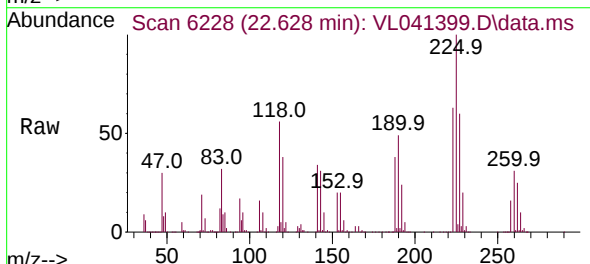
Instrument :
MSVOA_L
ClientSampleId :

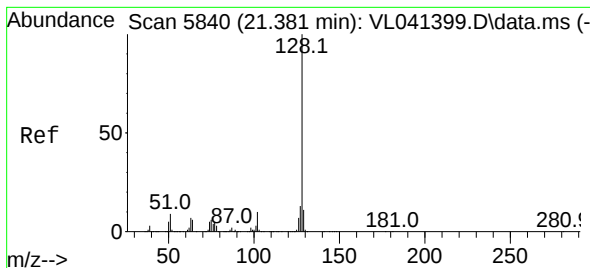
Tgt Ion:146 Resp: 2131506
Ion Ratio Lower Upper
146 100
111 46.7 23.4 70.0
148 64.4 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.493 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.000 min
Lab File: VL041399.D
Acq: 25 Jul 2024 13:59

Tgt Ion:225 Resp: 1626038
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 63.3 50.8 76.2





#79

Naphthalene

Concen: 13.830 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_L

ClientSampleId :

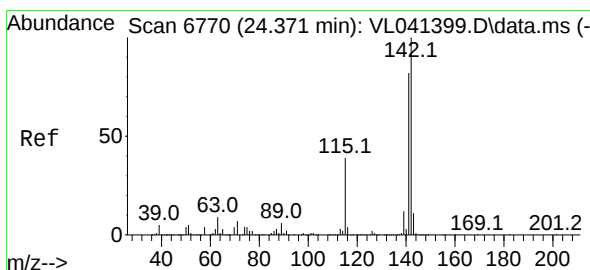
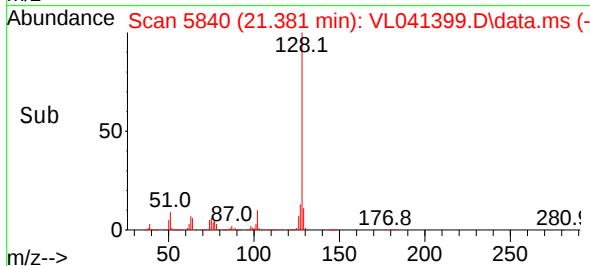
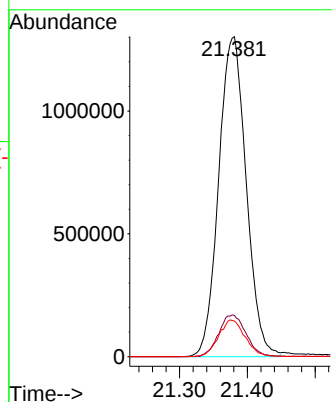
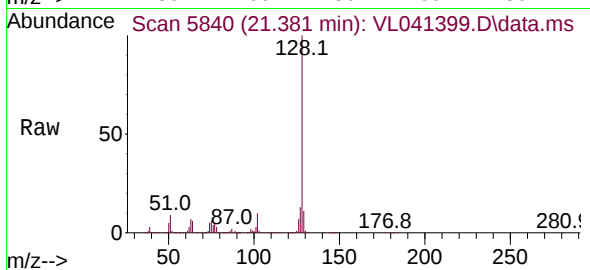
Tgt Ion:128 Resp: 3669460

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 9.0 13.4



#80

Naphthalene, 2-methyl-

Concen: 4634.164 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041399.D

Acq: 25 Jul 2024 13:59

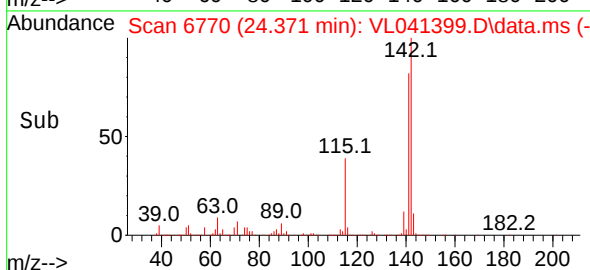
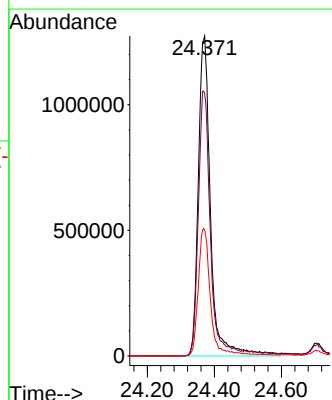
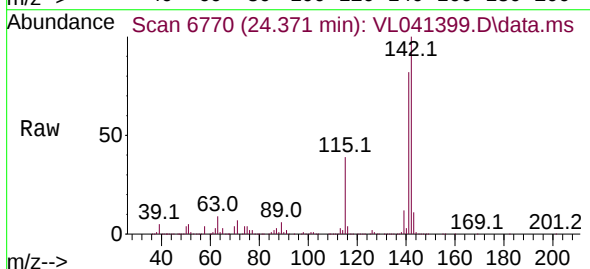
Tgt Ion:142 Resp: 3235986

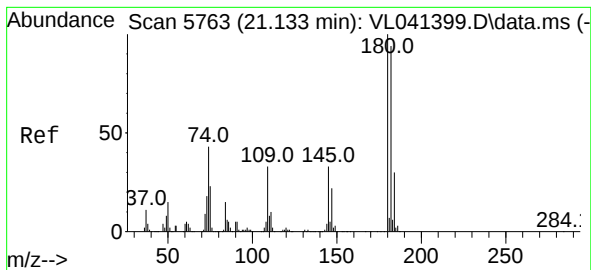
Ion Ratio Lower Upper

142 100

141 83.7 67.0 100.4

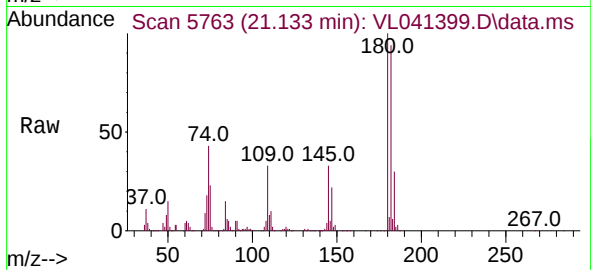
115 40.2 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 11.665 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041399.D
 Acq: 25 Jul 2024 13:59

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1912951

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
184	30.6	24.5	36.7

