

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041620.D
 Acq On : 25 Sep 2024 12:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 26 01:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1096863	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3010158	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3504748	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2135963	8.279	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	1279766	8.079	ppbv	99
3) Chlorodifluoromethane	2.645	51	1278819	9.612	ppbv	100
4) Chloromethane	2.784	50	717500	9.805	ppbv	99
5) Vinyl Chloride	2.893	62	685699	10.823	ppbv	98
6) Bromomethane	3.092	94	310070	9.837	ppbv	97
7) Chloroethane	3.169	64	245588	9.967	ppbv	97
8) Dichlorotetrafluoroethane	2.829	85	1635311	9.842	ppbv	98
9) Propene	2.665	41	591277	10.536	ppbv	100
10) Heptane	7.561	43	1481134	11.273	ppbv	100
11) Trichlorofluoromethane	3.536	101	1632962	9.688	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	1188177	9.733	ppbv	100
13) Ethanol	3.221	45	8849	2.097	ppbv #	8
14) Bromoethene	3.340	108	474245	10.245	ppbv	99
15) Acetone	3.443	43	1222114	8.875	ppbv	99
16) 1,3-Butadiene	2.957	39	674894	10.076	ppbv	98
17) tert-Butyl alcohol	3.854	59	1221851	10.089	ppbv	99
18) 1,1-Dichloroethene	3.854	96	532659	10.307	ppbv	98
19) Isopropyl Alcohol	3.552	45	680864	9.659	ppbv #	98
20) Methylene Chloride	3.909	84	443192	8.567	ppbv	94
21) Allyl Chloride	3.970	41	834136	10.451	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	530482	10.289	ppbv	98
23) Vinyl Acetate	4.603	43	847676	11.192	ppbv	98
24) 1,1-Dichloroethane	4.539	63	1157428	10.181	ppbv	98
25) Ethyl Acetate	5.185	43	2657519	10.750	ppbv	99
26) Hexane	5.192	57	1066583	10.346	ppbv	98
27) Carbon Disulfide	4.099	76	1273691	11.622	ppbv	99
28) Methyl tert-Butyl Ether	4.562	73	649760	10.223	ppbv	100
29) Chloroform	5.253	83	1695773	10.052	ppbv	97
30) Cyclohexane	6.581	84	916289	11.530	ppbv	100
31) cis-1,2-Dichloroethene	5.057	61	1047109	10.699	ppbv	97
32) 1,1,1-Trichloroethane	5.986	97	1660234	11.049	ppbv	99
34) 2-Butanone	4.764	43	1454845	10.136	ppbv	99
35) Carbon Tetrachloride	6.478	117	1734030	11.741	ppbv	98
36) Benzene	6.349	78	2292591	10.967	ppbv	98
37) 1,2-Dichloroethane	5.787	62	1278382	10.539	ppbv	100
38) Trichloroethene	7.275	130	1202684	11.172	ppbv	98
39) 1,2-Dichloropropane	7.053	63	890629	10.472	ppbv	96
40) 1,4-Dioxane	7.269	88	334700	10.440	ppbv #	97
41) Tetrahydrofuran	5.536	42	943501	11.945	ppbv	99
42) Bromodichloromethane	7.230	83	1836026	10.880	ppbv	99
43) Methyl Methacrylate	7.459	69	915009	12.231	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	3899364	10.781	ppbv	100
45) t-1,3-Dichloropropene	8.696	75	797256	13.218	ppbv	98

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

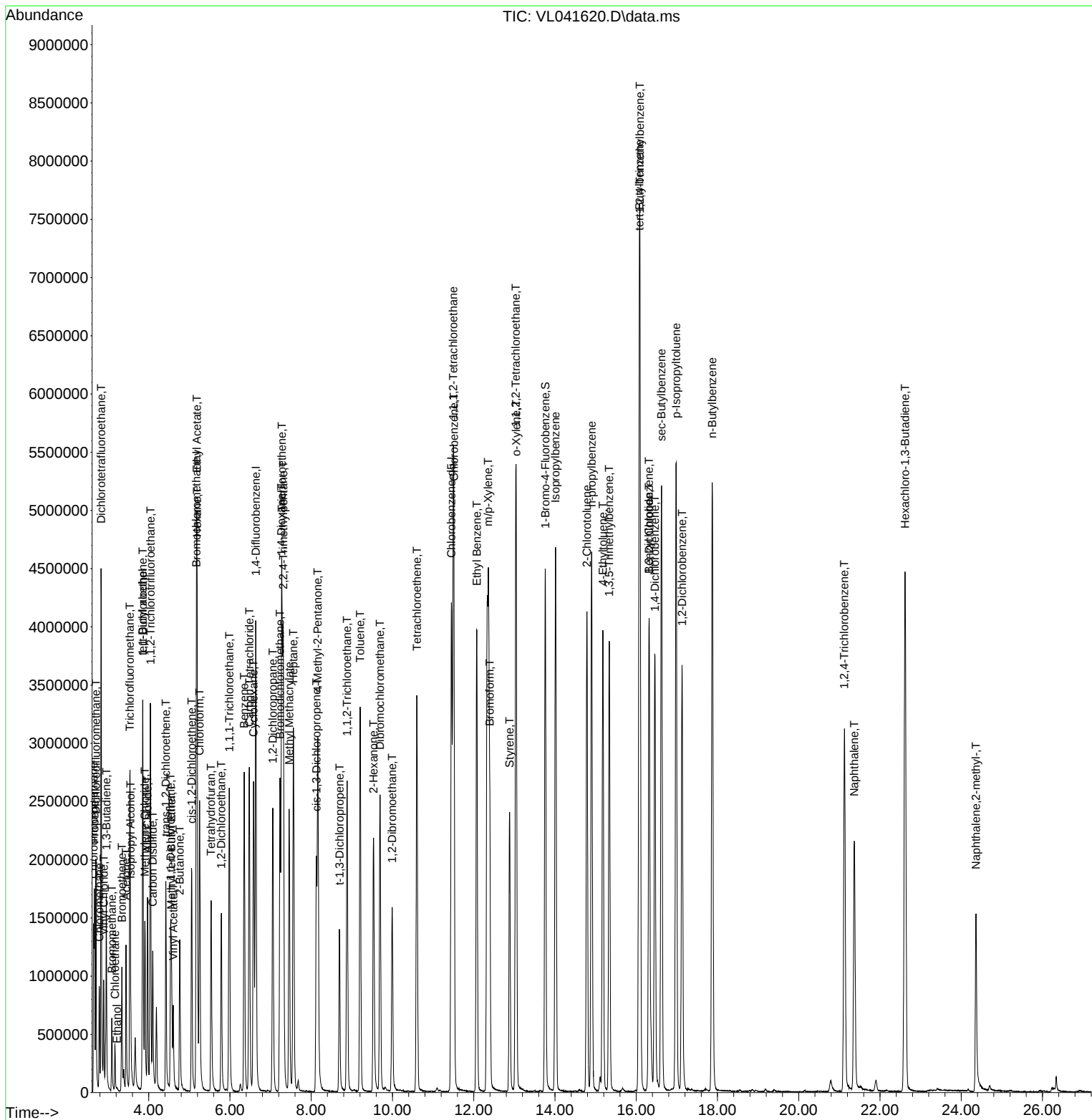
Instrument :
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 ClientSampleId :

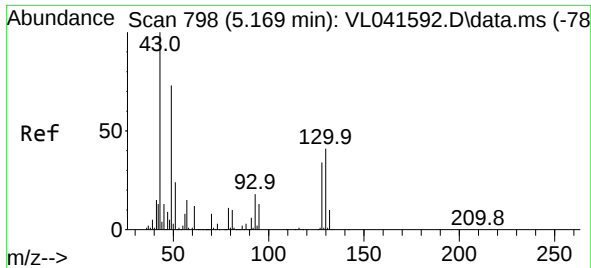
Quant Time: Sep 26 01:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1129281	12.780	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	952108	10.544	ppbv	96
48) Dibromochloromethane	9.693	129	1577077	11.527	ppbv	100
49) Bromoform	12.394	173	1386944	11.810	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	2566228	11.577	ppbv	99
51) 2-Hexanone	9.532	43	2018493	12.039	ppbv	100
52) Tetrachloroethene	10.600	164	856455	11.314	ppbv	98
53) Toluene	9.204	91	2671418	12.038	ppbv	100
54) 1,2-Dibromoethane	9.992	107	1304442	11.731	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1170113	8.551	ppbv	98
57) Chlorobenzene	11.513	112	2107671	8.341	ppbv	98
58) Ethyl Benzene	12.076	91	3606334	9.612	ppbv	100
59) m/p-Xylene	12.355	91	3119113	9.341	ppbv #	33
60) o-Xylene	13.047	91	2981870	9.314	ppbv	100
61) Styrene	12.883	104	1428471	10.680	ppbv	99
62) Isopropylbenzene	14.015	105	4308177	8.882	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1413615	8.636	ppbv	99
64) n-propylbenzene	14.902	120	1160749	9.267	ppbv	99
65) tert-Butylbenzene	16.076	119	3852669	8.666	ppbv	100
66) Benzyl Chloride	16.317	91	211989	9.172	ppbv	96
67) sec-Butylbenzene	16.622	105	5436925	8.814	ppbv	100
69) p-Isopropyltoluene	16.982	119	4543580	9.100	ppbv	100
70) n-Butylbenzene	17.870	91	4670620	8.930	ppbv	100
71) 2-Chlorotoluene	14.786	91	3249347	9.105	ppbv	99
72) 4-Ethyltoluene	15.179	105	3549686	9.486	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	3035466	9.186	ppbv	98
74) 1,2,4-Trimethylbenzene	16.092	105	3374776	8.725	ppbv	95
75) 1,3-Dichlorobenzene	16.317	146	2064129	8.515	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	2013375	8.668	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	2012153	8.408	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1397488	7.079	ppbv	99
79) Naphthalene	21.368	128	2813196	9.883	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1124692	5.639	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1473876	8.144	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
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QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

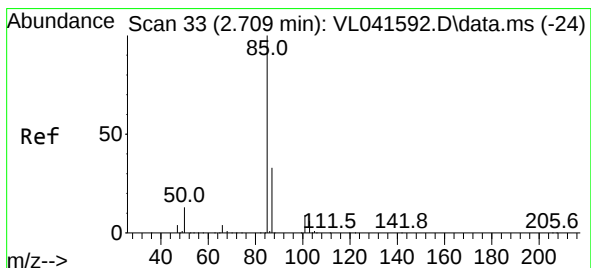
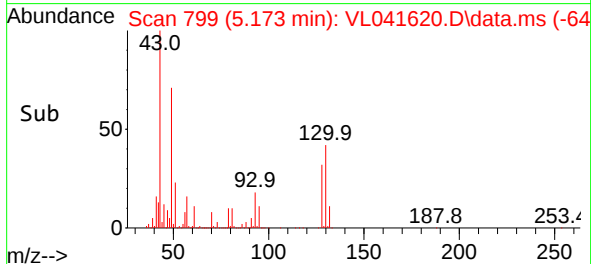
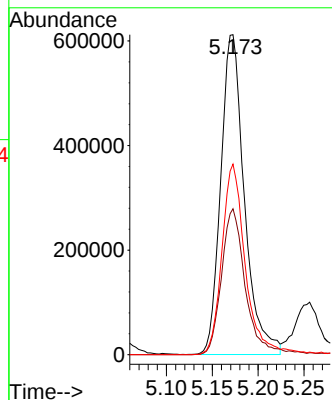
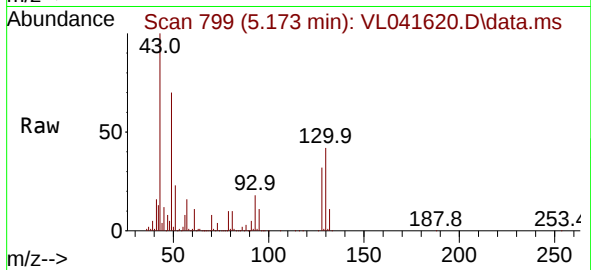




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

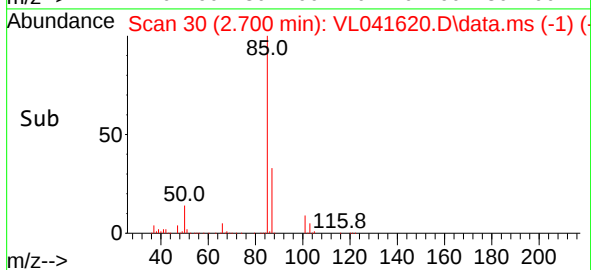
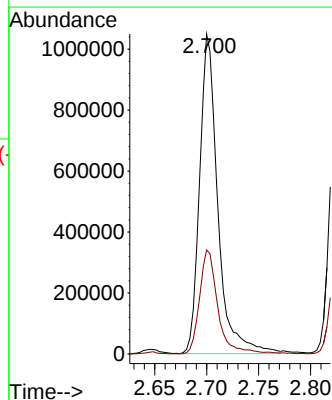
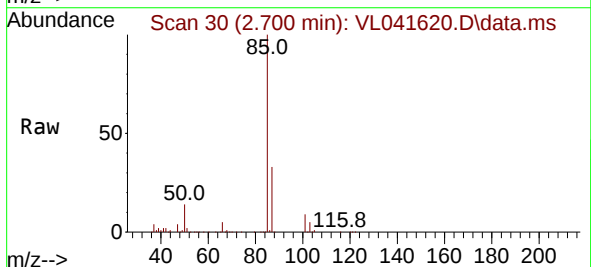
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MSVOA_L
ClientSampleId :

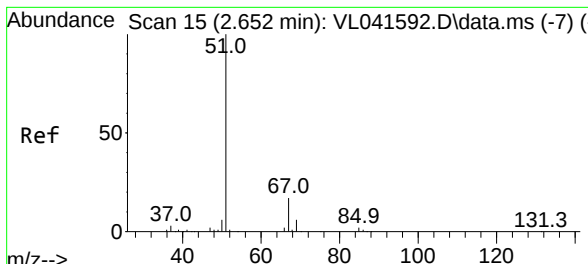
Tgt Ion: 49 Resp: 1096863
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.5
130 59.8 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 8.079 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 85 Resp: 1279766
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5

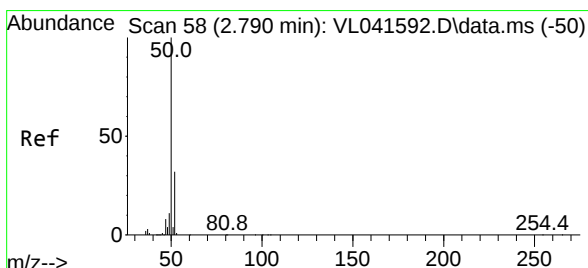
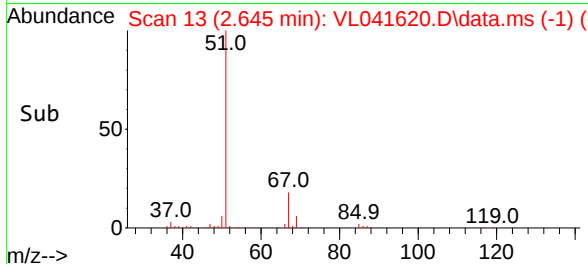
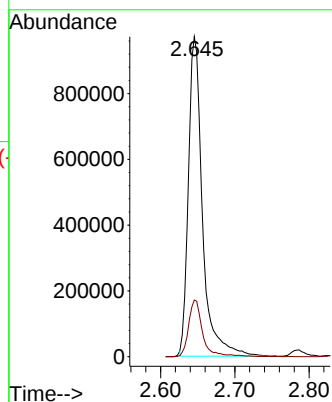
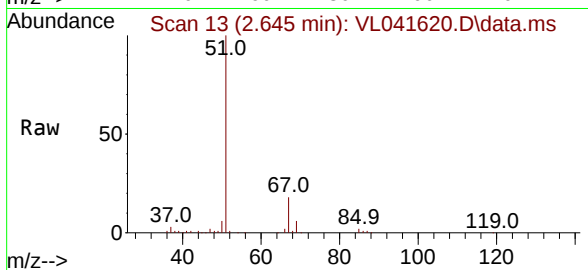




#3
Chlorodifluoromethane
Concen: 9.612 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

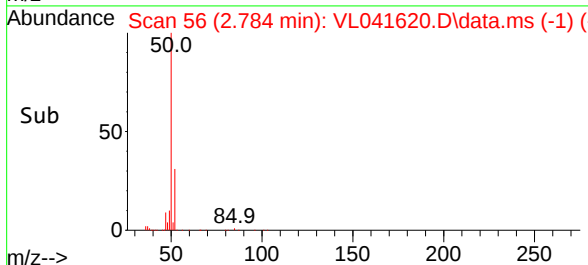
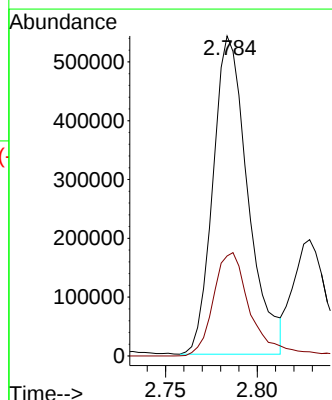
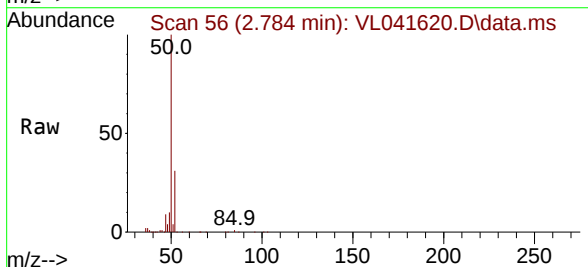
Instrument :
MSVOA_L
ClientSampleId :

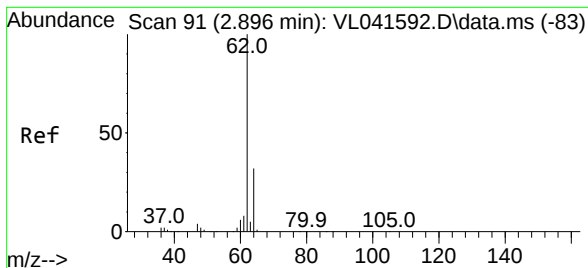
Tgt Ion: 51 Resp: 1278819
Ion Ratio Lower Upper
51 100
67 17.7 14.1 21.1



#4
Chloromethane
Concen: 9.805 ppbv
RT: 2.784 min Scan# 56
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 50 Resp: 717500
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

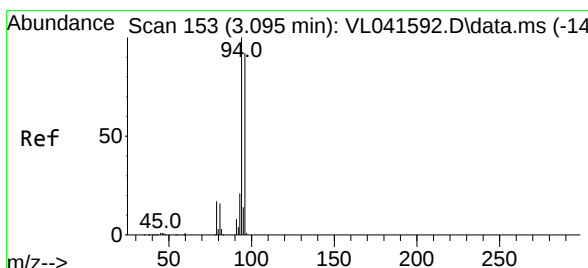
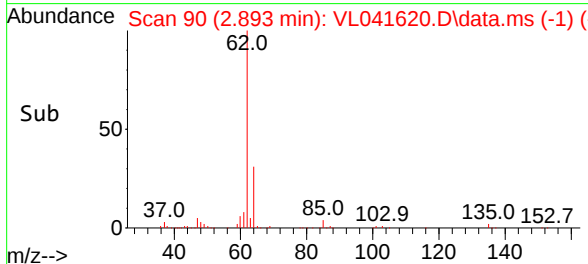
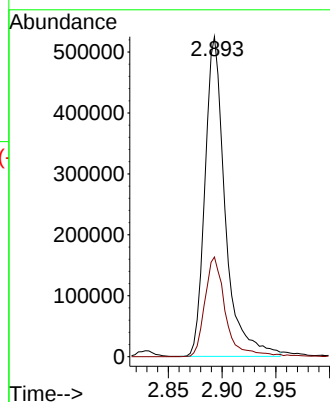
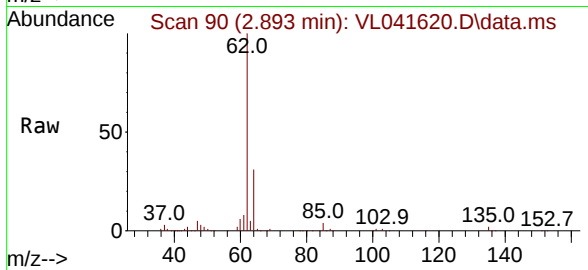




#5
 Vinyl Chloride
 Concen: 10.823 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

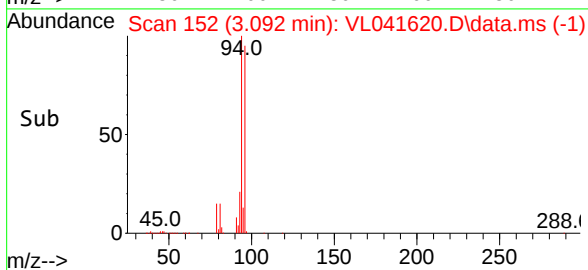
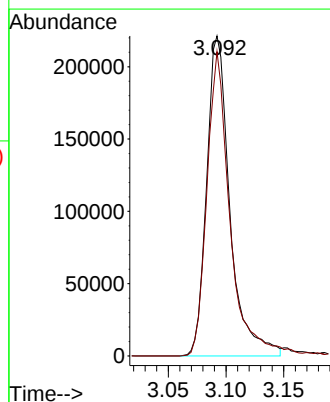
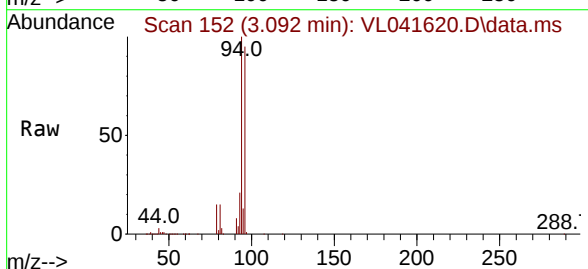
Instrument :
 MSVOA_L
 ClientSampleId :

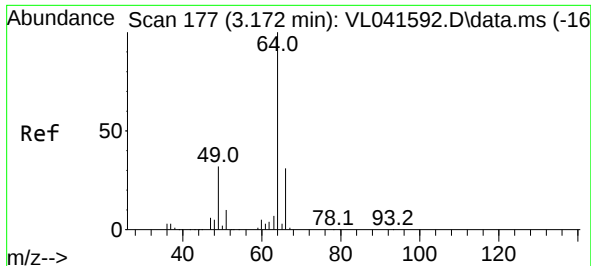
Tgt Ion: 62 Resp: 685699
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.0 39.0



#6
 Bromomethane
 Concen: 9.837 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.003 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

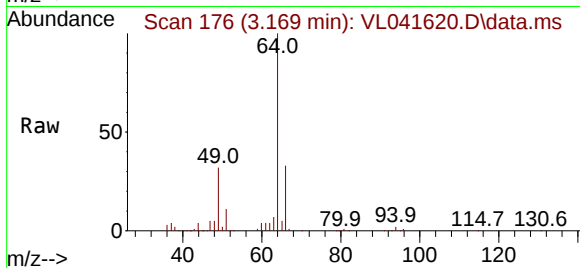
Tgt Ion: 94 Resp: 310070
 Ion Ratio Lower Upper
 94 100
 96 95.1 73.4 110.2



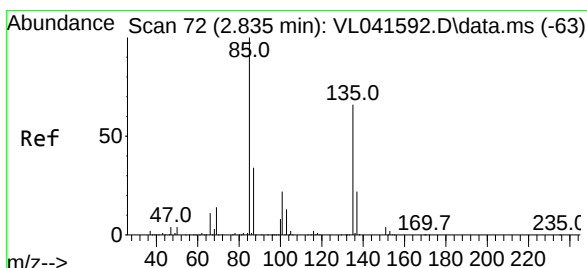
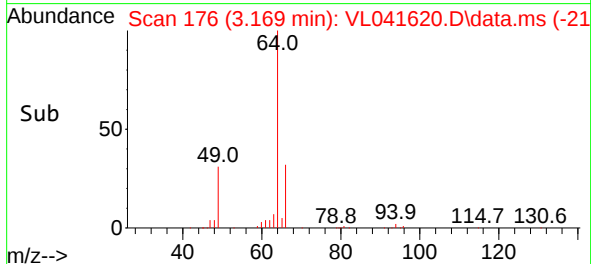
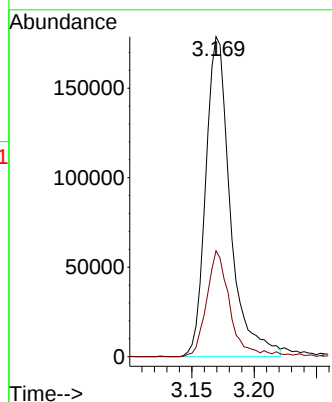


#7
Chloroethane
Concen: 9.967 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :

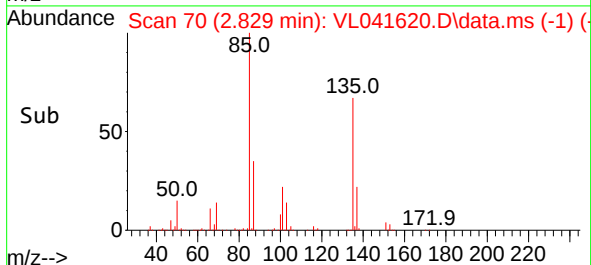
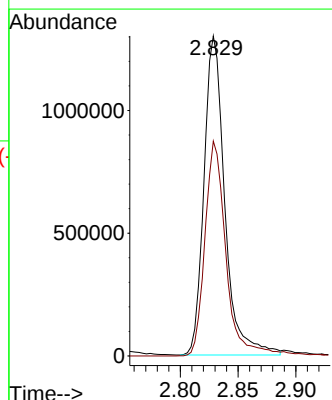
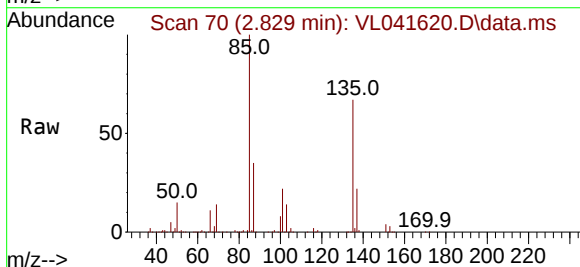


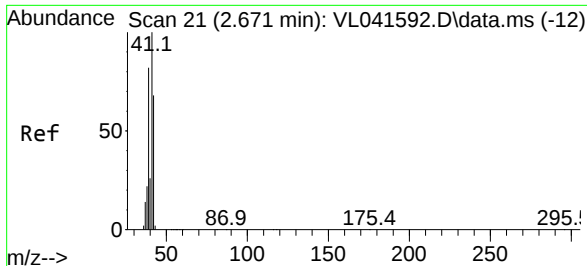
Tgt Ion: 64 Resp: 245588
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.842 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 85 Resp: 1635311
Ion Ratio Lower Upper
85 100
135 69.1 53.9 80.9

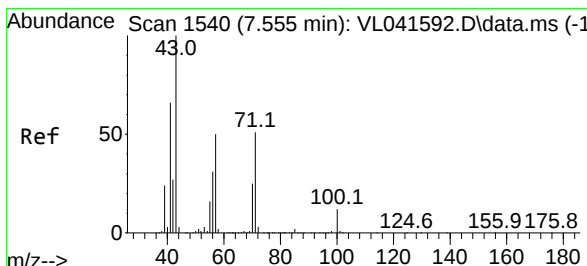
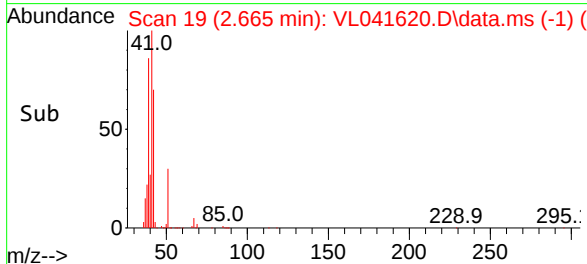
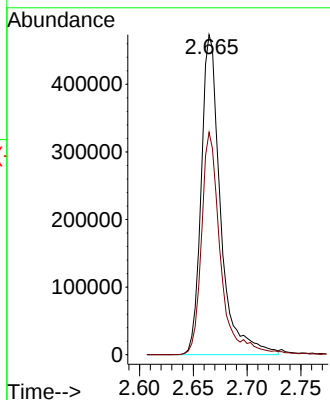
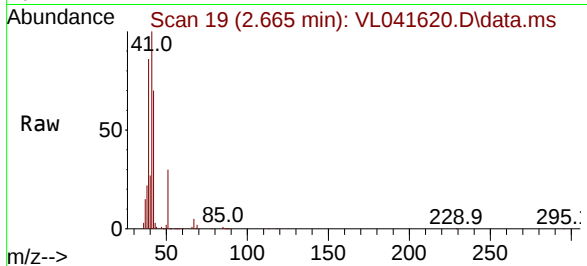




#9
 Propene
 Concen: 10.536 ppbv
 RT: 2.665 min Scan# 15
 Delta R.T. -0.006 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

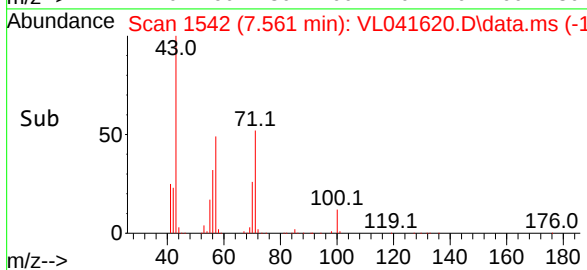
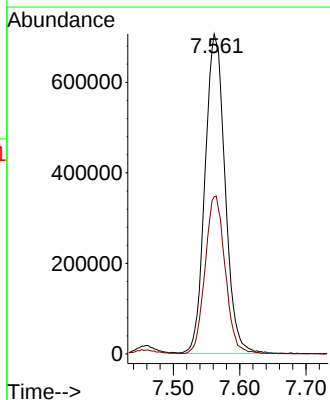
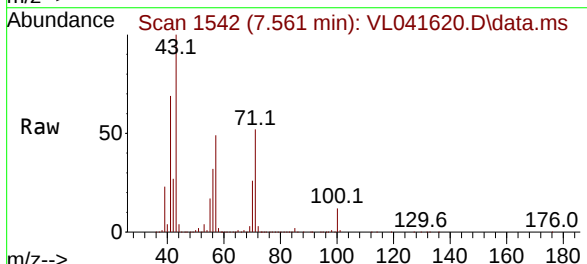
Instrument :
 MSVOA_L
 ClientSampleId :

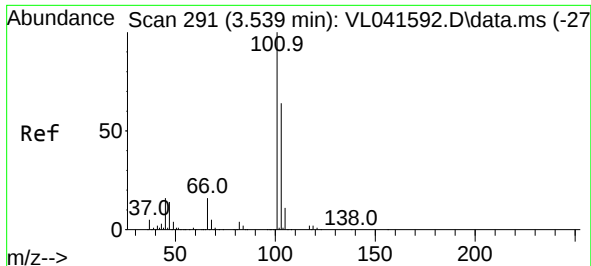
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 Ion Ratio Lower Upper
 41 100
 42 69.1 55.2 82.8



#10
 Heptane
 Concen: 11.273 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. 0.007 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Tgt Ion: 43 Resp: 1481134
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.8 59.8

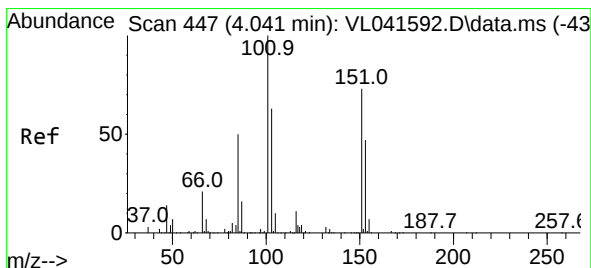
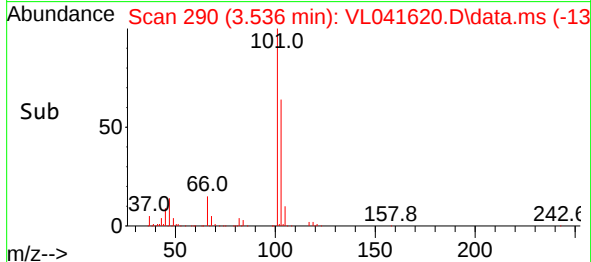
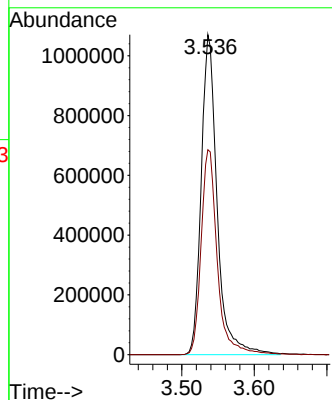
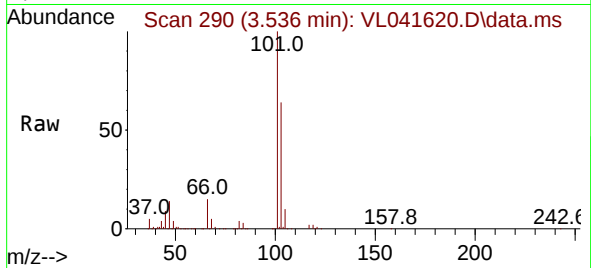




#11
Trichlorofluoromethane
Concen: 9.688 ppbv
RT: 3.536 min Scan# 291
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

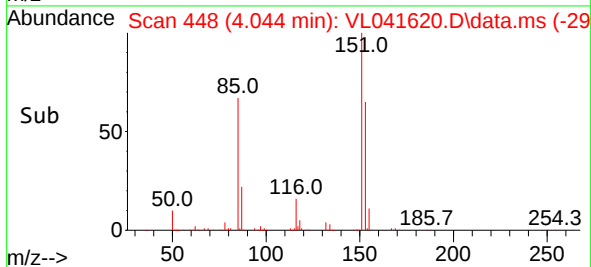
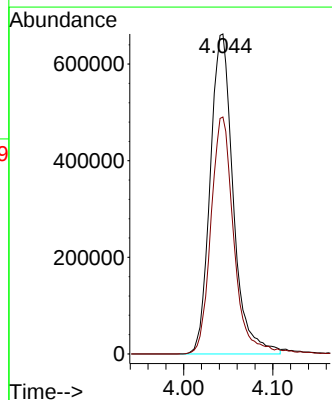
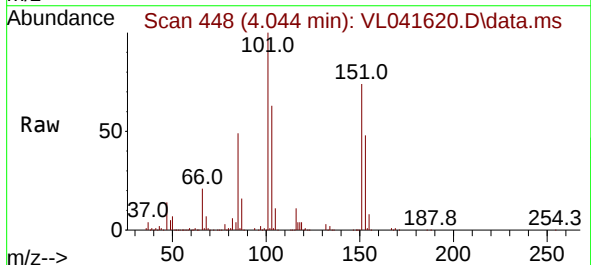
Instrument :
MSVOA_L
ClientSampleId :

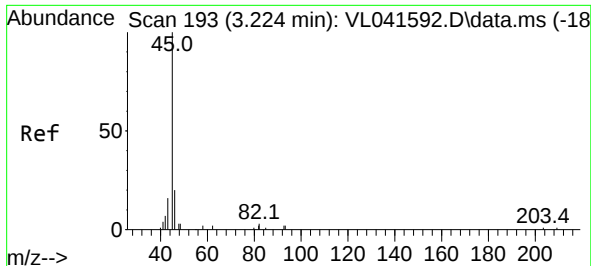
Tgt Ion:101 Resp: 1632962
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.733 ppbv
RT: 4.044 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:101 Resp: 1188177
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2

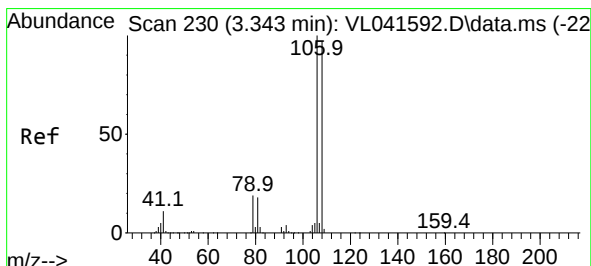
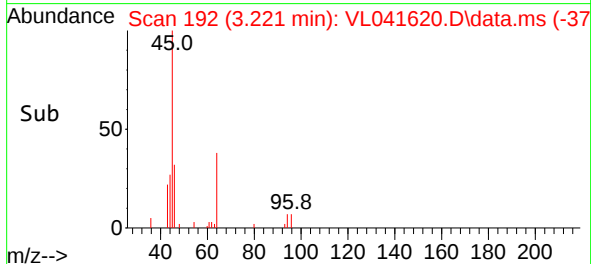
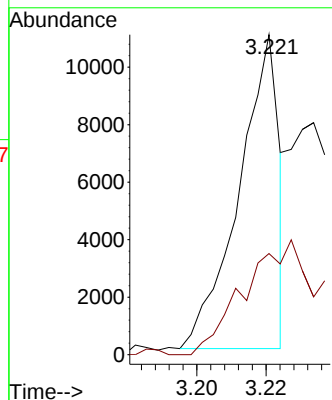
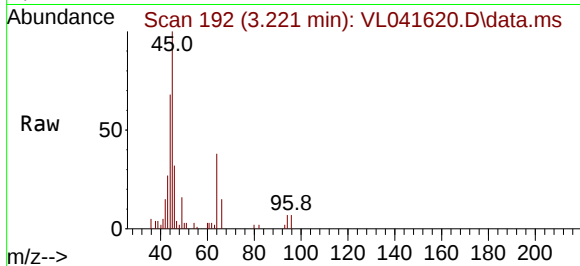




#13
Ethanol
Concen: 2.097 ppbv
RT: 3.221 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

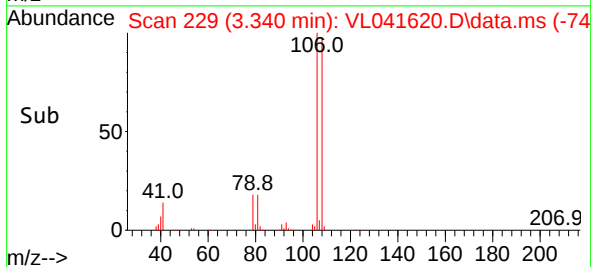
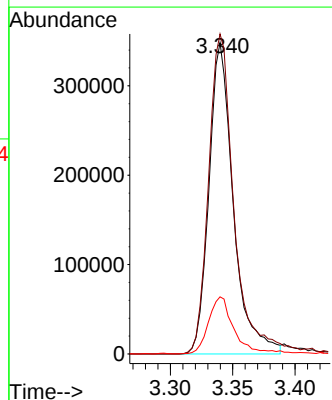
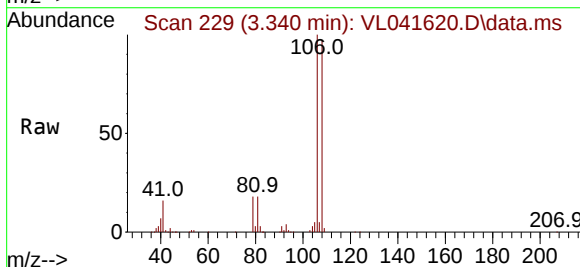
Instrument :
MSVOA_L
ClientSampleId :

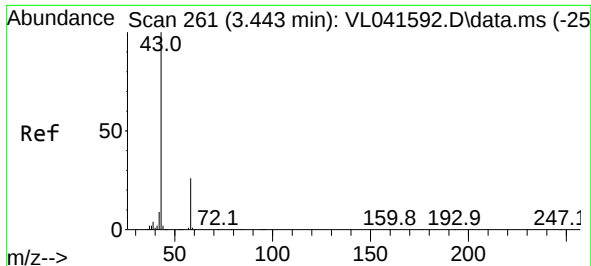
Tgt Ion: 45 Resp: 8849
Ion Ratio Lower Upper
45 100
46 93.6 15.2 60.8#



#14
Bromoethene
Concen: 10.245 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:108 Resp: 474245
Ion Ratio Lower Upper
108 100
106 109.5 86.5 129.7
79 19.8 16.2 24.4

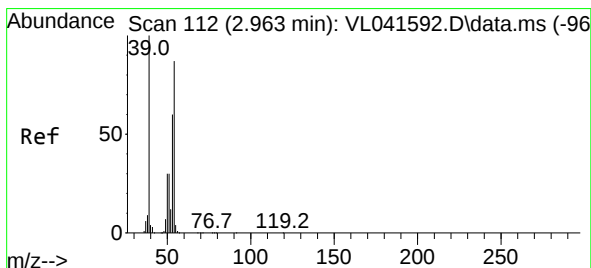
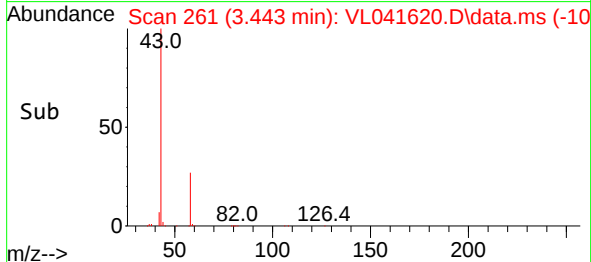
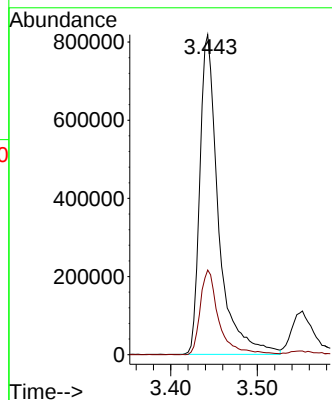
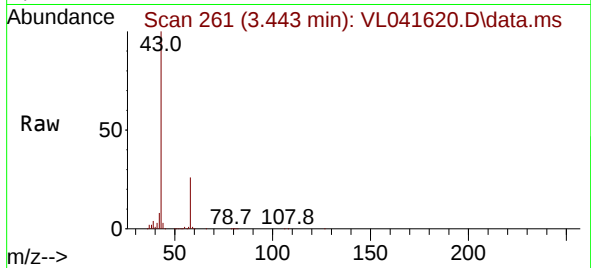




#15
Acetone
Concen: 8.875 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

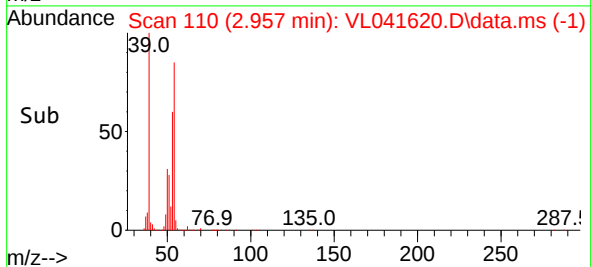
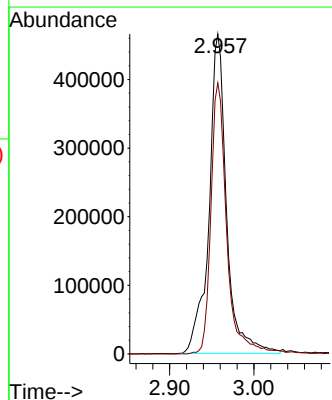
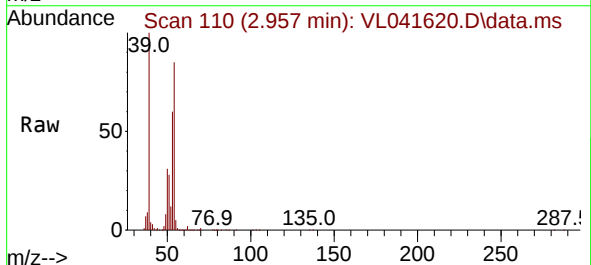
Instrument :
MSVOA_L
ClientSampleId :

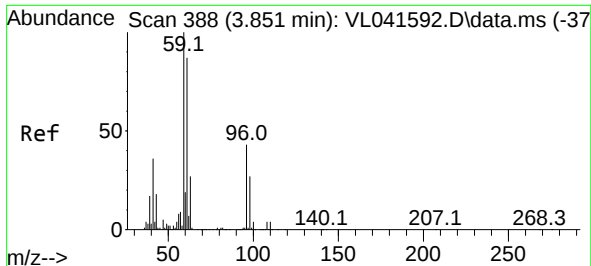
Tgt Ion: 43 Resp: 1222114
Ion Ratio Lower Upper
43 100
58 26.5 21.5 32.3



#16
1,3-Butadiene
Concen: 10.076 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.006 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 39 Resp: 674894
Ion Ratio Lower Upper
39 100
54 77.2 62.9 94.3

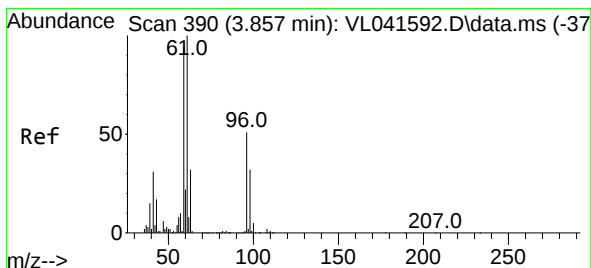
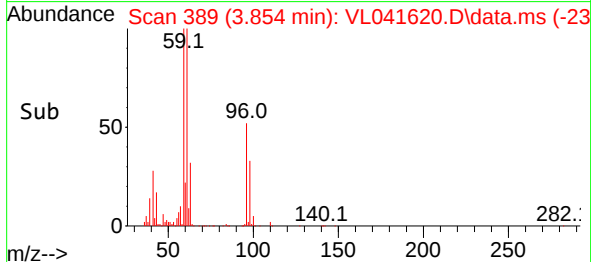
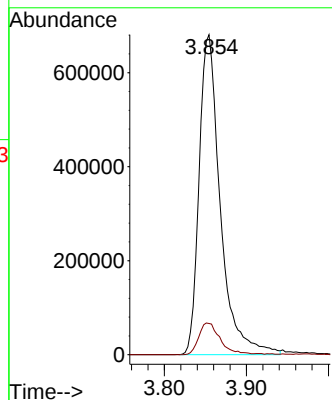
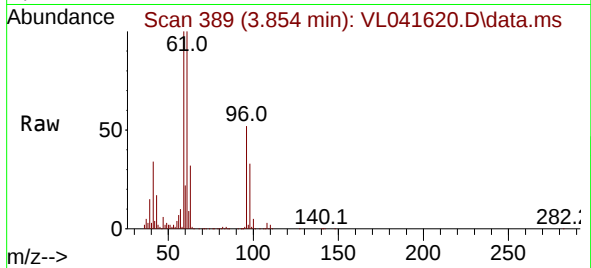




#17
tert-Butyl alcohol
Concen: 10.089 ppbv
RT: 3.854 min Scan# 389
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

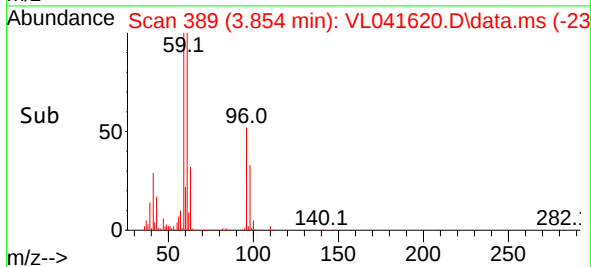
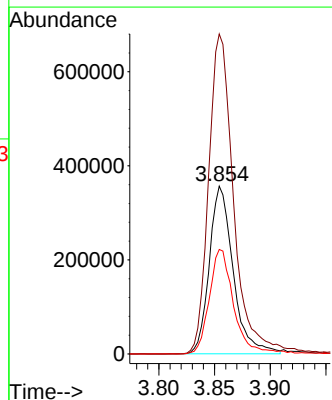
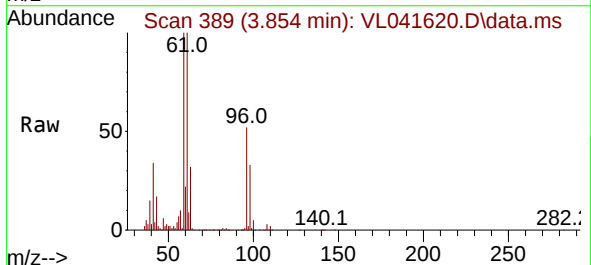
Instrument :
MSVOA_L
ClientSampleId :

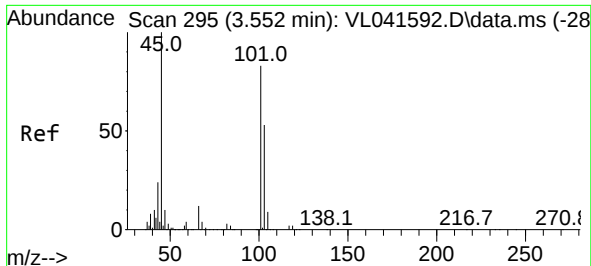
Tgt Ion: 59 Resp: 1221851
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#18
1,1-Dichloroethene
Concen: 10.307 ppbv
RT: 3.854 min Scan# 389
Delta R.T. -0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 96 Resp: 532659
Ion Ratio Lower Upper
96 100
61 190.7 155.6 233.4
98 62.3 50.6 75.8

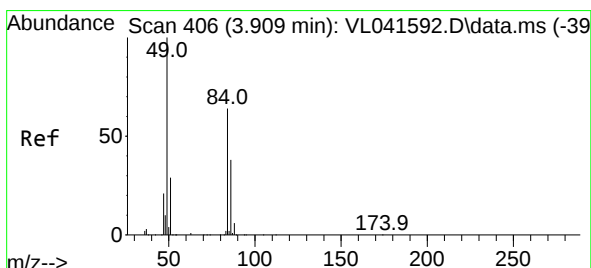
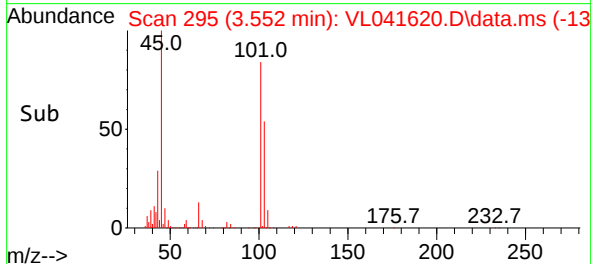
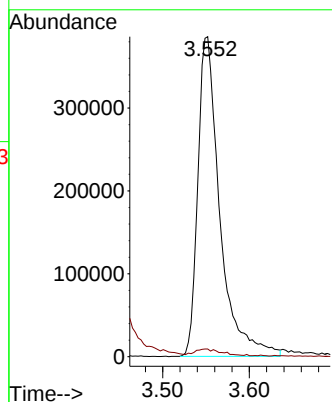
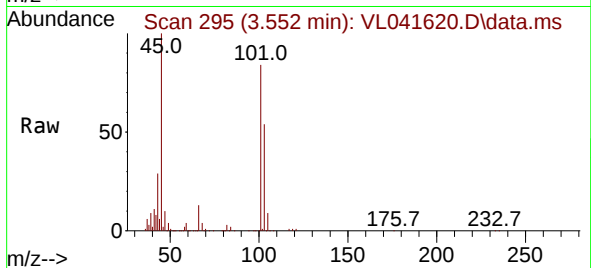




#19
Isopropyl Alcohol
Concen: 9.659 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

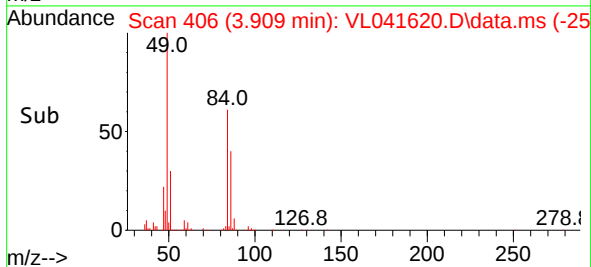
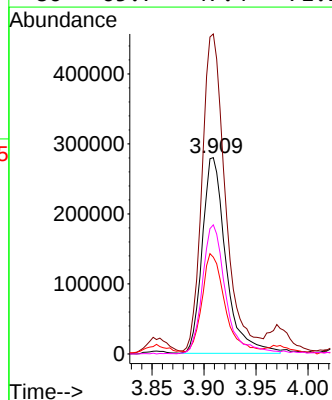
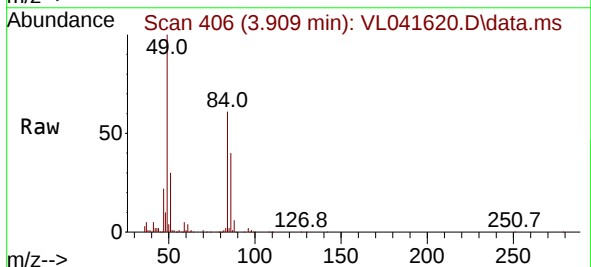
Instrument :
MSVOA_L
ClientSampleId :

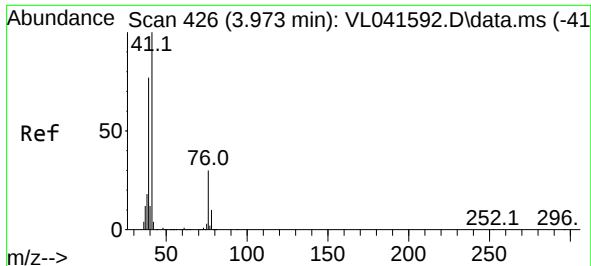
Tgt Ion: 45 Resp: 680864
Ion Ratio Lower Upper
45 100
58 3.4 2.1 3.1#



#20
Methylene Chloride
Concen: 8.567 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 84 Resp: 443192
Ion Ratio Lower Upper
84 100
49 162.0 124.3 186.5
51 47.9 36.3 54.5
86 65.7 47.4 71.2





#21

Allyl Chloride

Concen: 10.451 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

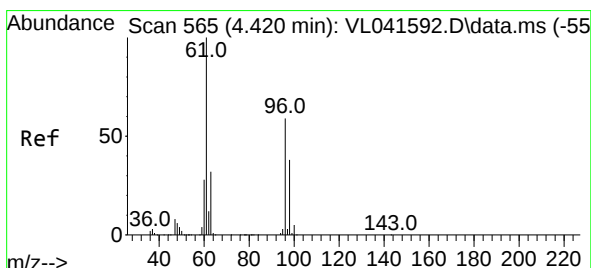
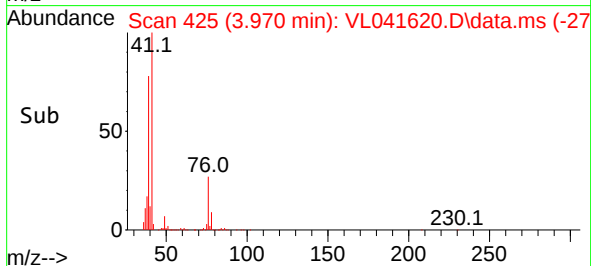
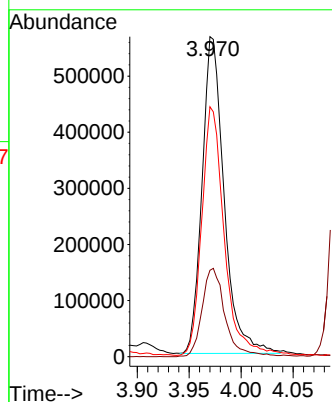
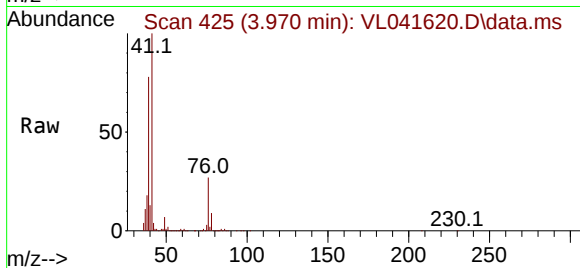
Tgt Ion: 41 Resp: 834136

Ion Ratio Lower Upper

41 100

76 29.2 23.8 35.6

39 80.4 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 10.289 ppbv

RT: 4.423 min Scan# 566

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

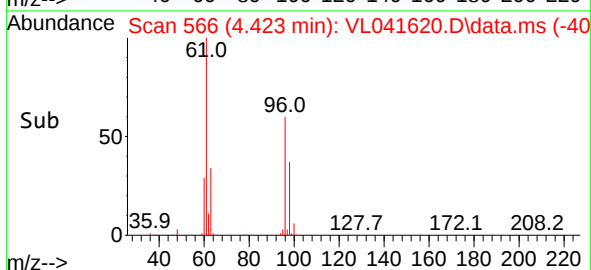
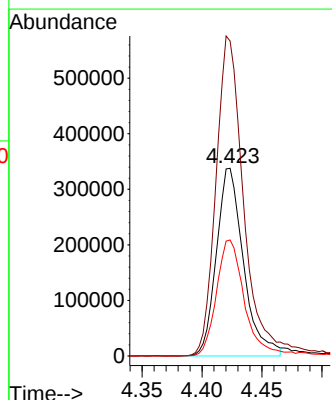
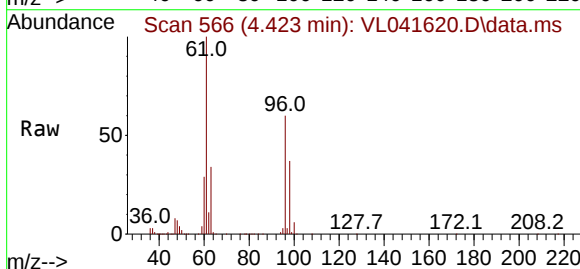
Tgt Ion: 96 Resp: 530482

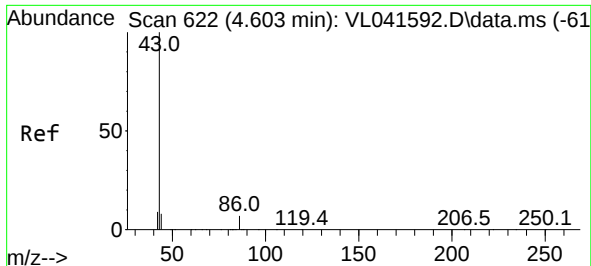
Ion Ratio Lower Upper

96 100

61 167.9 135.7 203.5

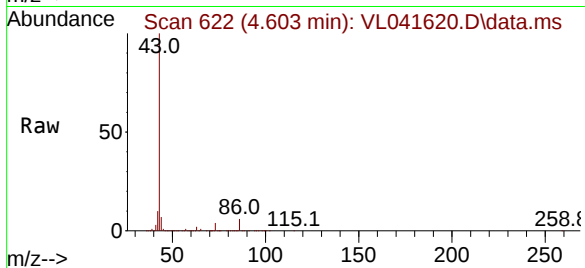
98 61.8 50.9 76.3



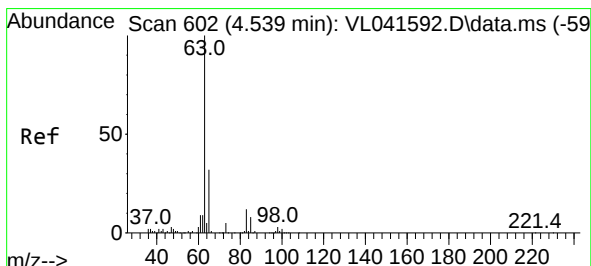
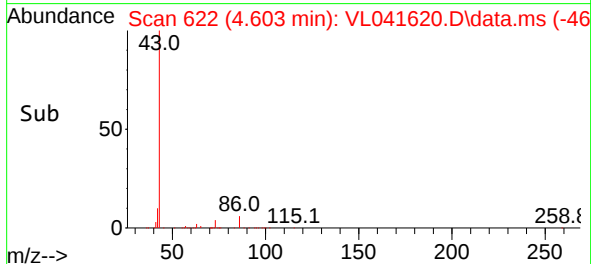
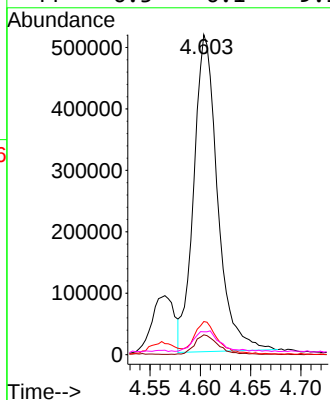


#23
Vinyl Acetate
Concen: 11.192 ppbv
RT: 4.603 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :

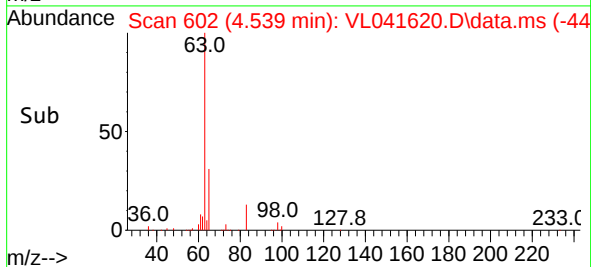
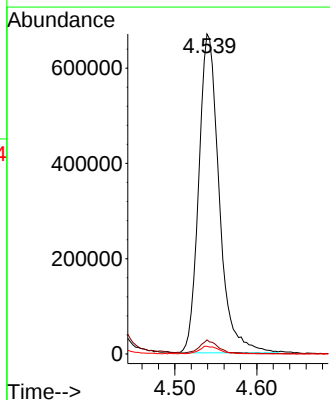
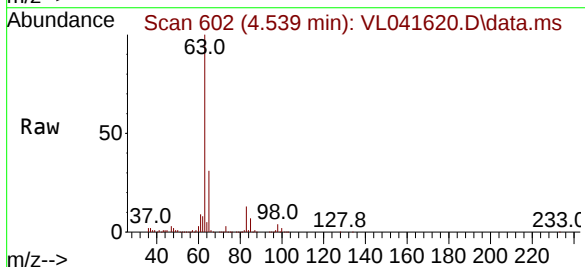


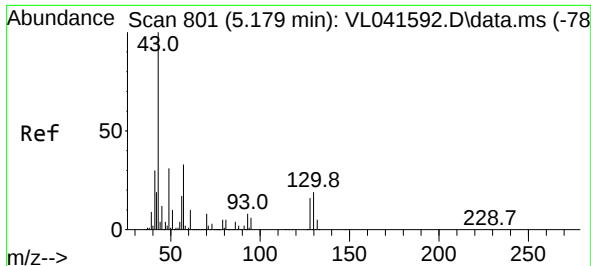
Tgt Ion:	43	Resp:	847676
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.9	7.3
42	10.3	8.0	12.0
44	6.3	6.1	9.1



#24
1,1-Dichloroethane
Concen: 10.181 ppbv
RT: 4.539 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:	63	Resp:	1157428
Ion	Ratio	Lower	Upper
63	100		
98	4.3	1.7	5.1
100	2.4	1.1	3.3



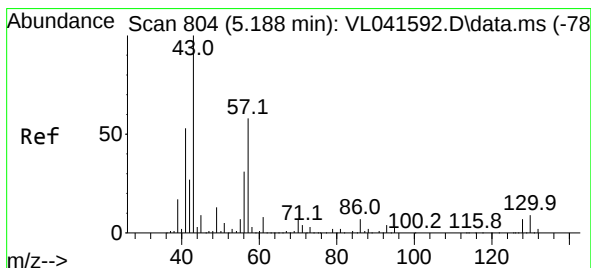
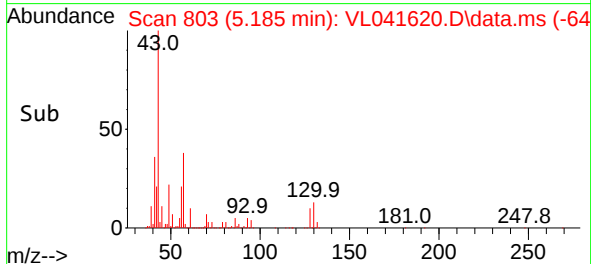
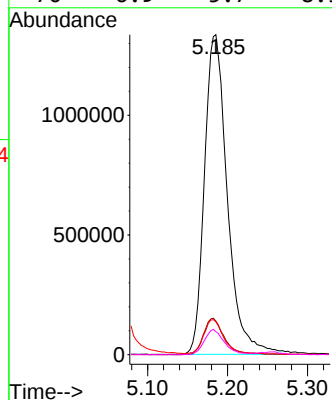
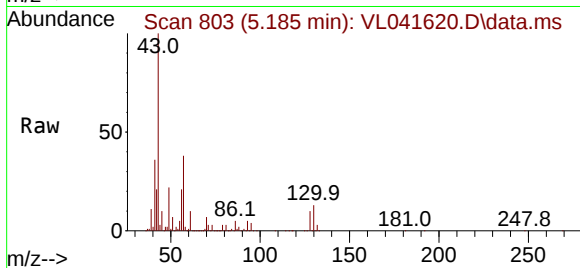


#25
Ethyl Acetate
Concen: 10.750 ppbv
RT: 5.185 min Scan# 801
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2657519

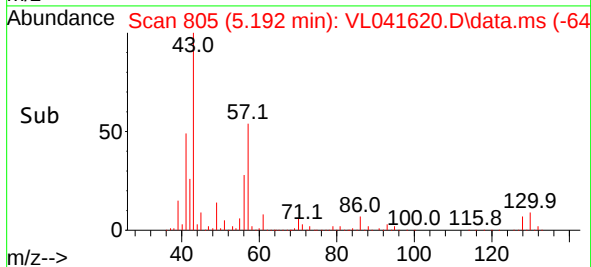
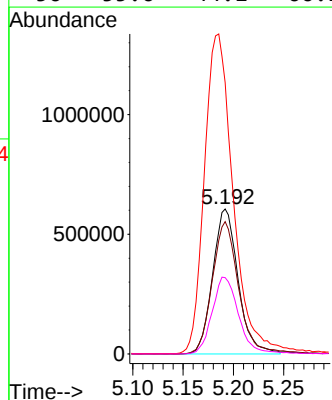
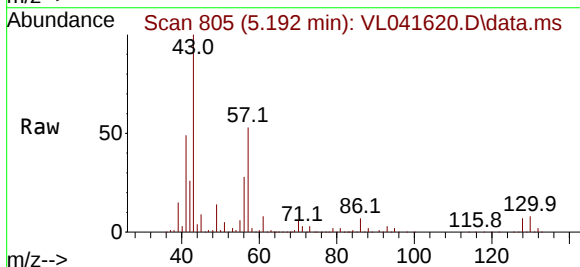
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.2	8.0	12.0
70	6.9	5.7	8.5

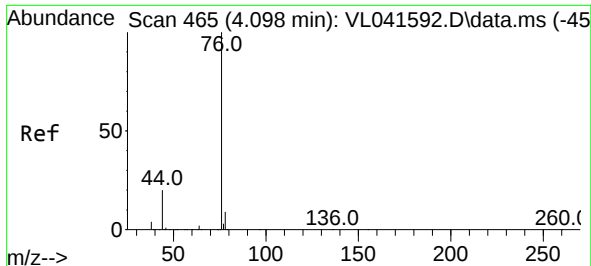


#26
Hexane
Concen: 10.346 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 57 Resp: 1066583

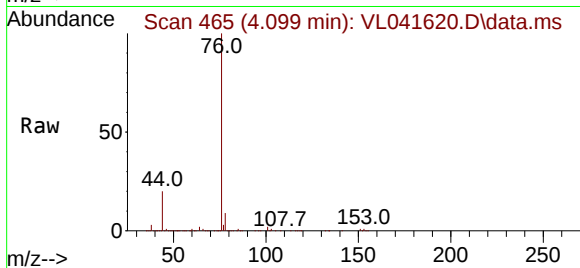
Ion	Ratio	Lower	Upper
57	100		
41	95.6	75.7	113.5
43	252.9	198.5	297.7
56	55.6	44.1	66.1





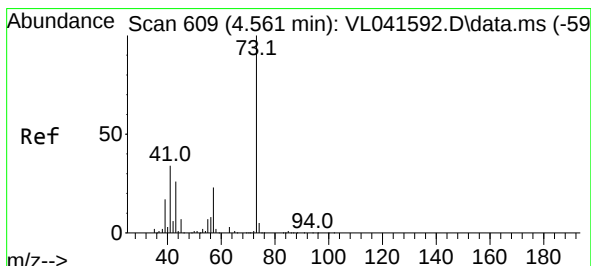
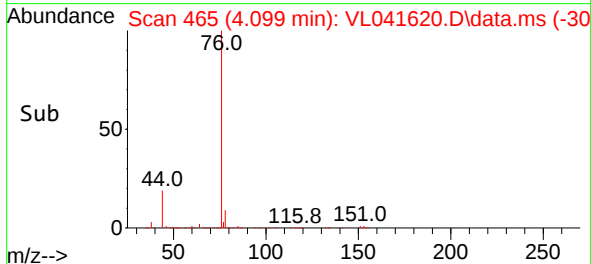
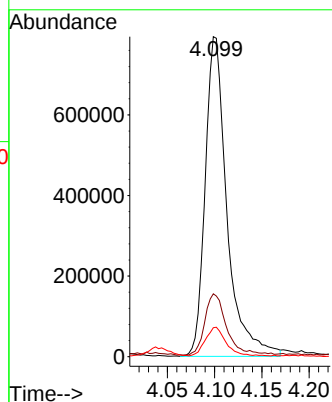
#27
Carbon Disulfide
Concen: 11.622 ppbv
RT: 4.099 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1273691

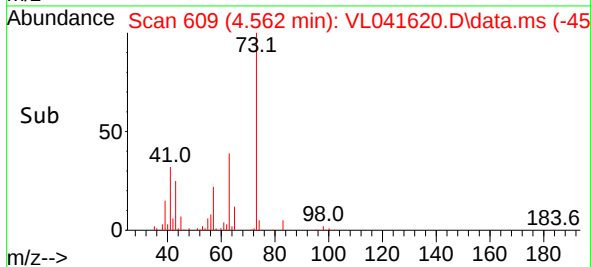
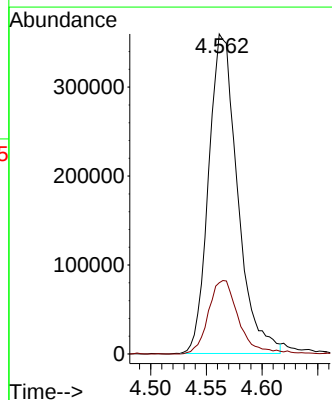
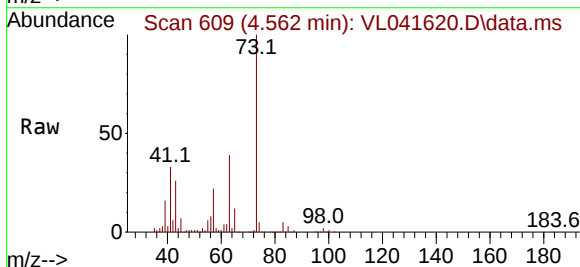
Ion	Ratio	Lower	Upper
76	100		
44	19.4	15.8	23.8
78	9.7	7.5	11.3

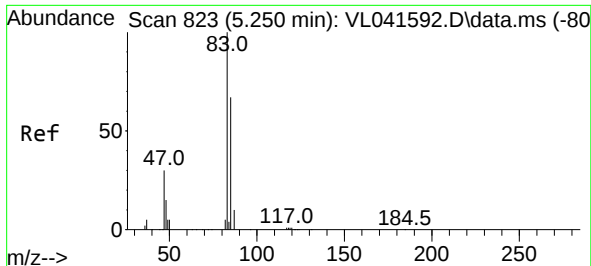


#28
Methyl tert-Butyl Ether
Concen: 10.223 ppbv
RT: 4.562 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 73 Resp: 649760

Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.3	28.9





#29

Chloroform

Concen: 10.052 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

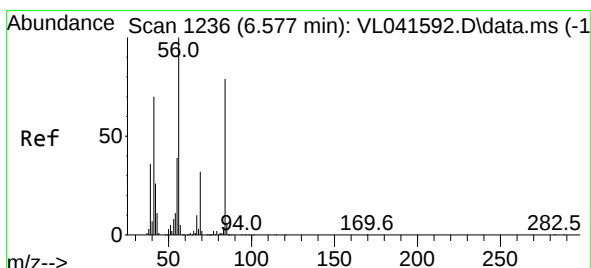
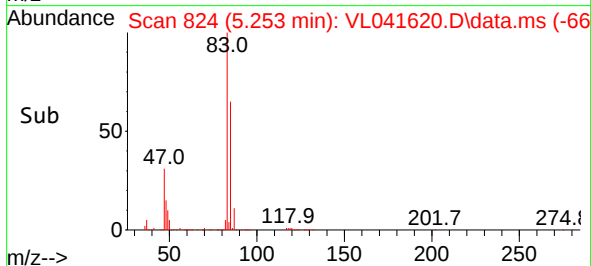
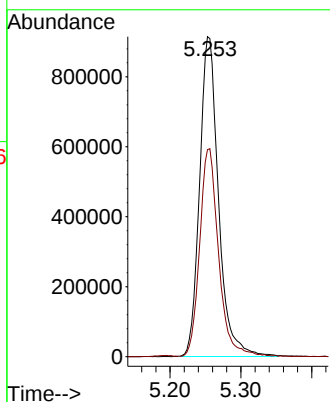
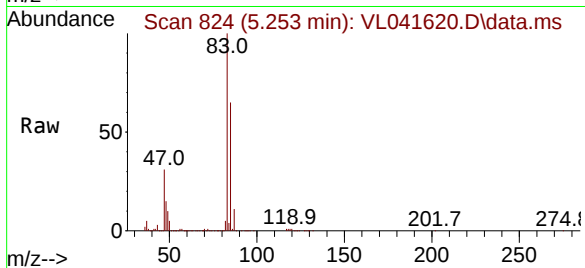
ClientSampleId :

Tgt Ion: 83 Resp: 1695773

Ion Ratio Lower Upper

83 100

85 64.6 53.8 80.6



#30

Cyclohexane

Concen: 11.530 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

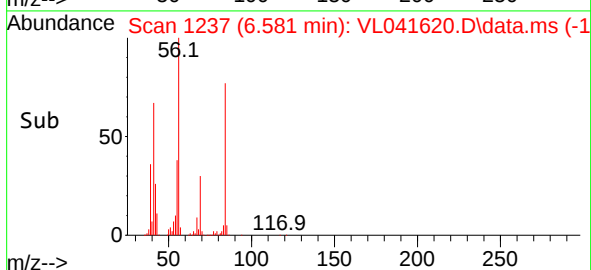
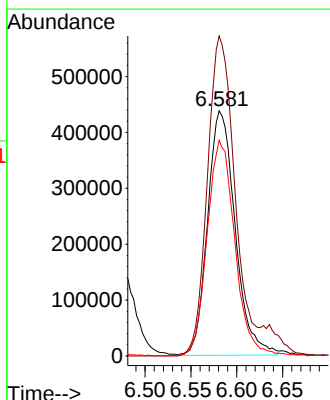
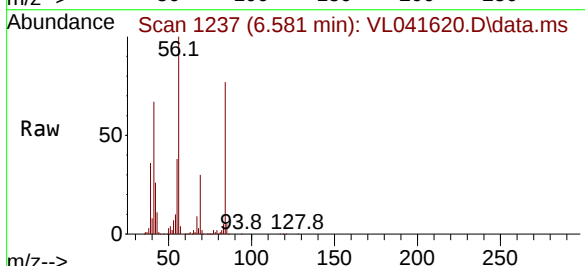
Tgt Ion: 84 Resp: 916289

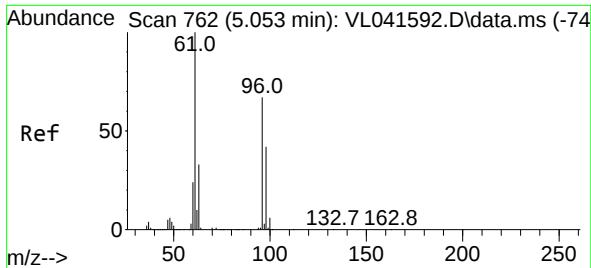
Ion Ratio Lower Upper

84 100

56 138.8 111.5 167.3

41 88.8 70.9 106.3

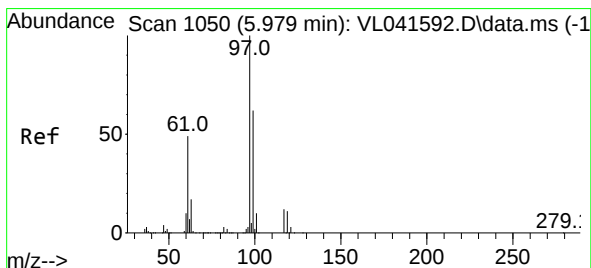
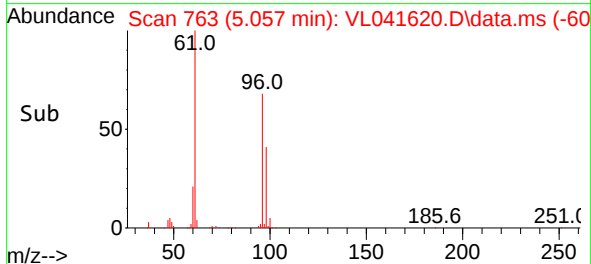
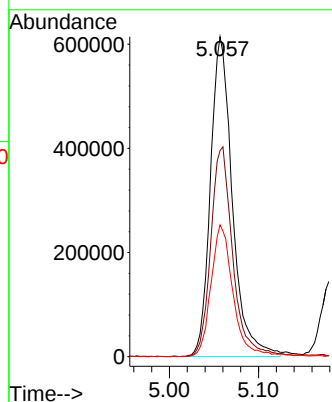
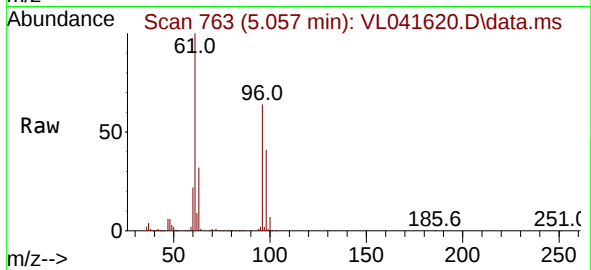




#31
 cis-1,2-Dichloroethene
 Concen: 10.699 ppbv
 RT: 5.057 min Scan# 762
 Delta R.T. 0.003 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

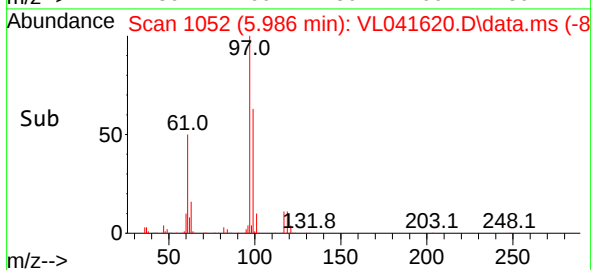
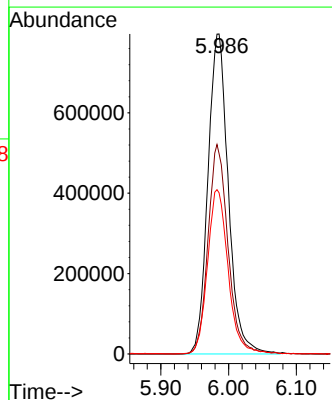
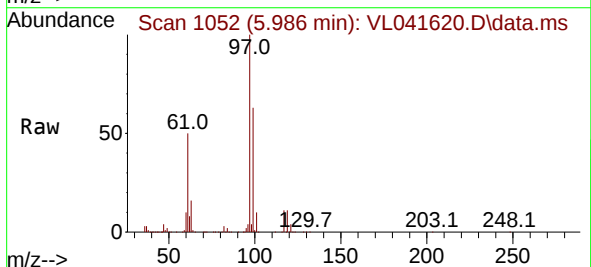
Instrument :
 MSVOA_L
 ClientSampleId :

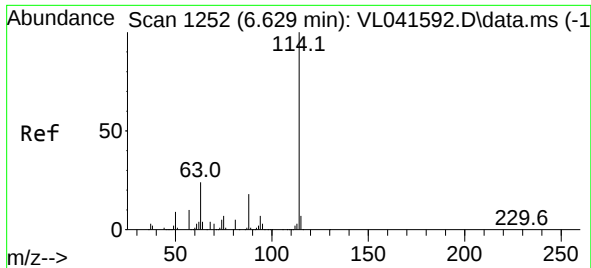
Tgt Ion: 61 Resp: 1047109
 Ion Ratio Lower Upper
 61 100
 96 64.4 53.5 80.3
 98 41.2 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 11.049 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.007 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Tgt Ion: 97 Resp: 1660234
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.4
 61 52.3 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

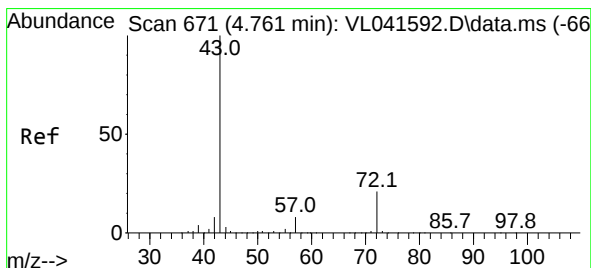
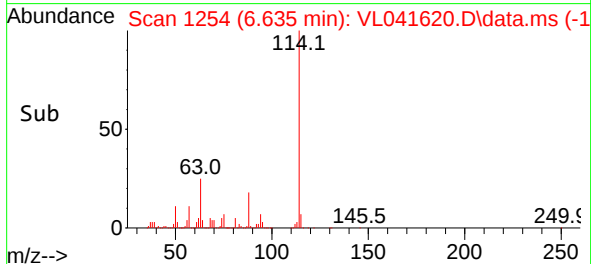
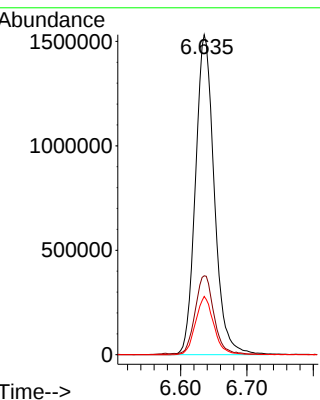
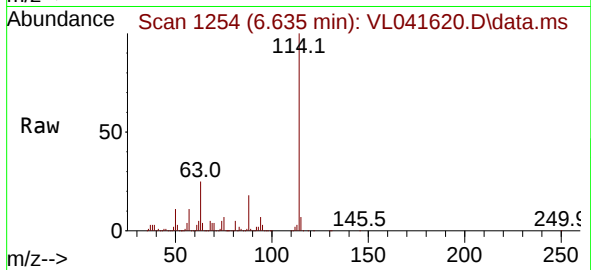
Tgt Ion:114 Resp: 3010158

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 10.136 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.003 min

Lab File: VL041620.D

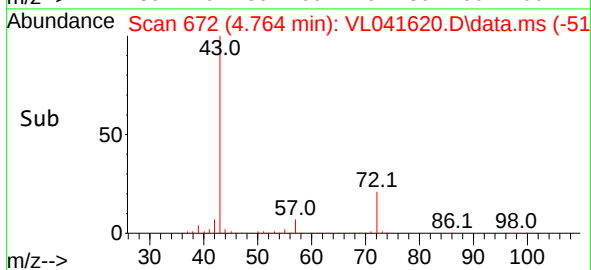
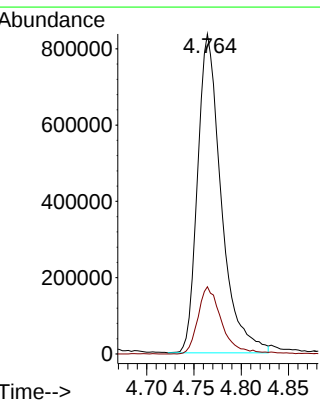
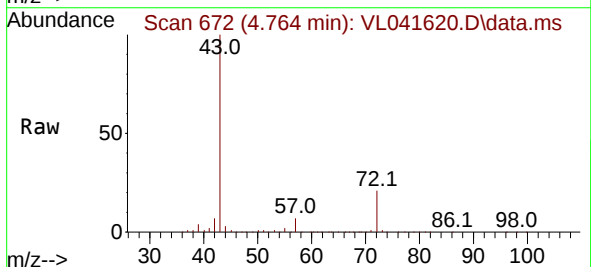
Acq: 25 Sep 2024 12:30

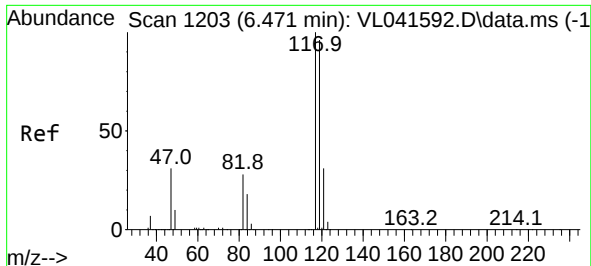
Tgt Ion: 43 Resp: 1454845

Ion Ratio Lower Upper

43 100

72 21.5 16.8 25.2

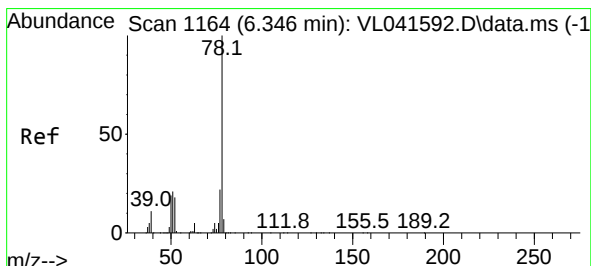
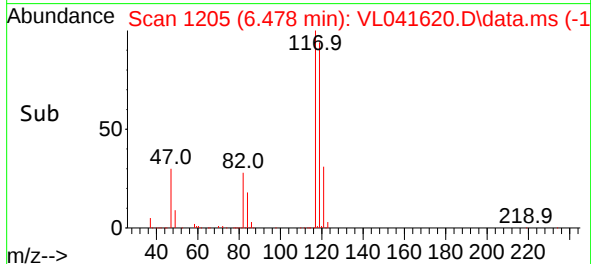
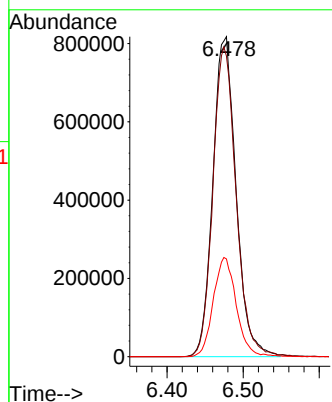
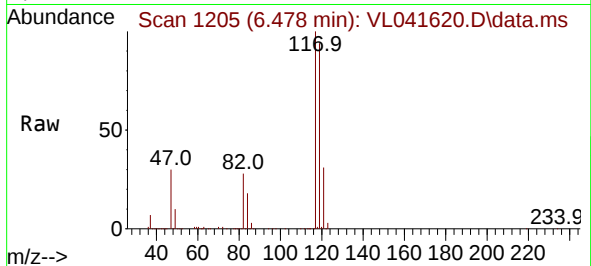




#35
Carbon Tetrachloride
Concen: 11.741 ppbv
RT: 6.478 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

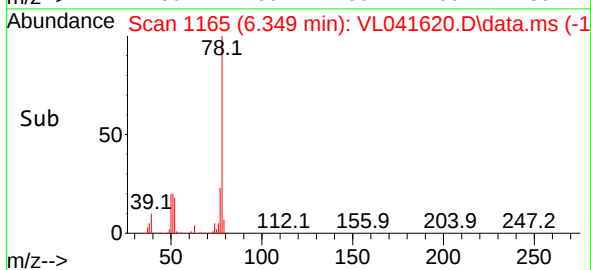
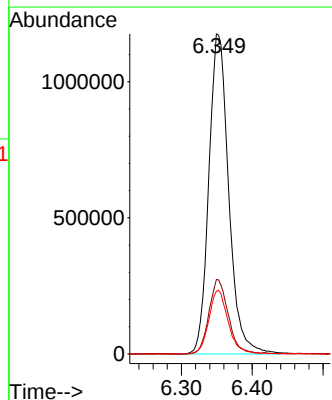
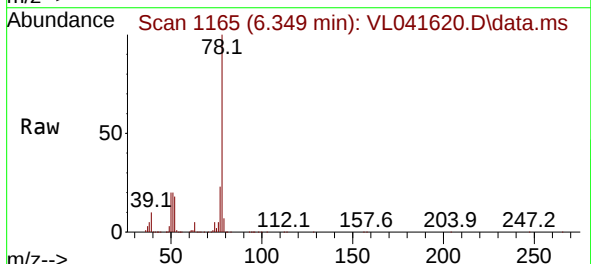
Instrument :
MSVOA_L
ClientSampleId :

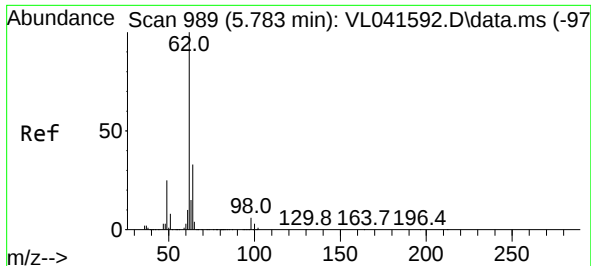
Tgt Ion:117 Resp: 1734030
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2
121 30.6 25.0 37.6



#36
Benzene
Concen: 10.967 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 78 Resp: 2292591
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.6
50 19.6 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.539 ppbv

RT: 5.787 min Scan# 989

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

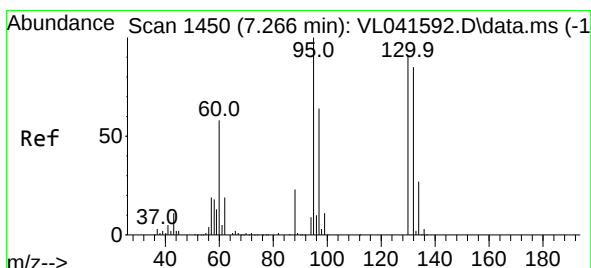
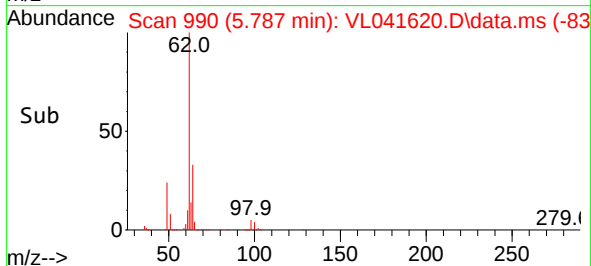
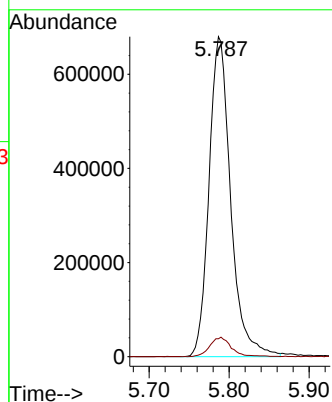
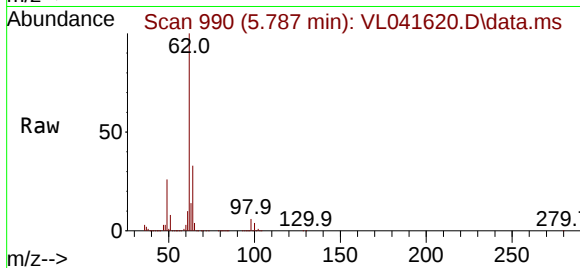
ClientSampleId :

Tgt Ion: 62 Resp: 1278382

Ion Ratio Lower Upper

62 100

98 6.1 4.8 7.2



#38

Trichloroethene

Concen: 11.172 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Tgt Ion:130 Resp: 1202684

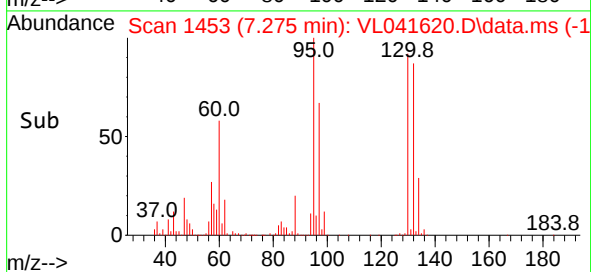
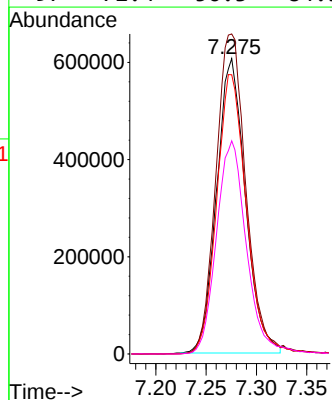
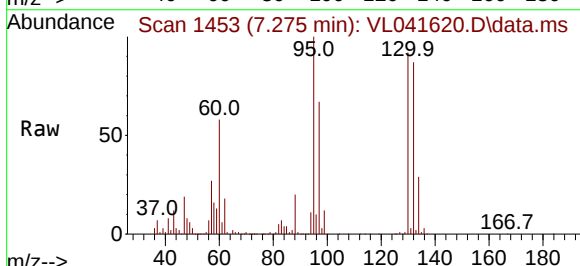
Ion Ratio Lower Upper

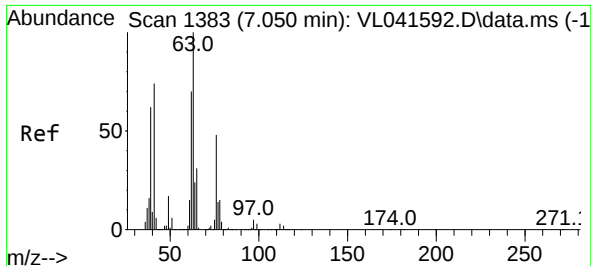
130 100

95 108.6 87.7 131.5

132 94.8 74.5 111.7

97 72.4 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.472 ppbv

RT: 7.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

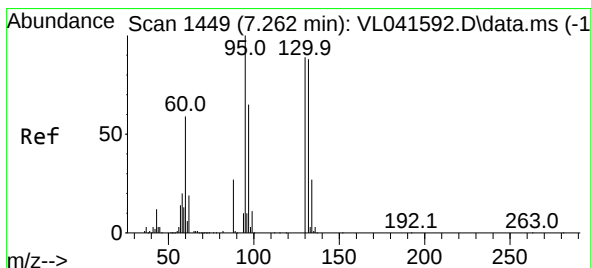
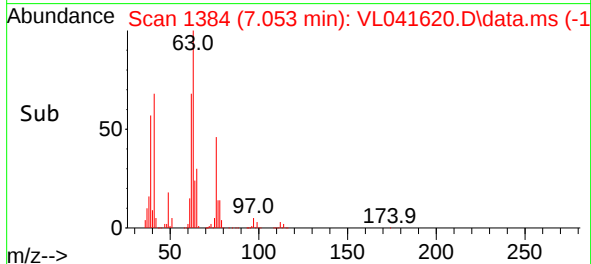
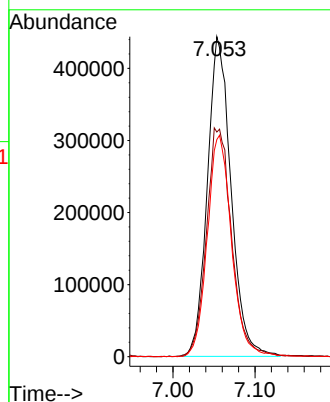
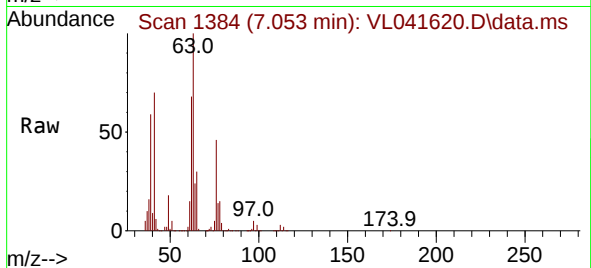
Tgt Ion: 63 Resp: 890629

Ion Ratio Lower Upper

63 100

41 70.1 59.5 89.3

62 67.6 56.2 84.2



#40

1,4-Dioxane

Concen: 10.440 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Tgt Ion: 88 Resp: 334700

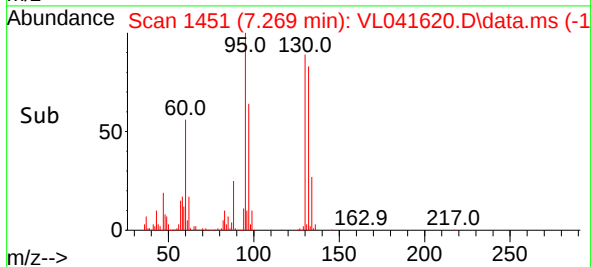
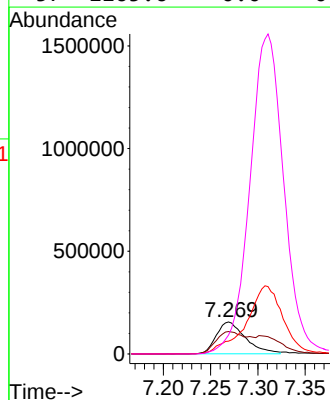
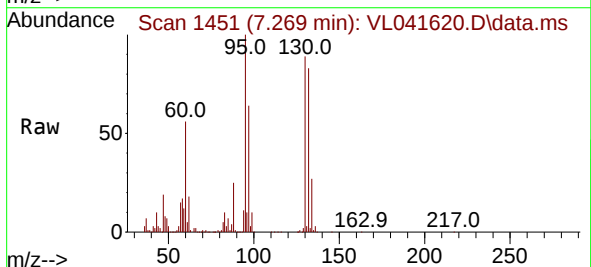
Ion Ratio Lower Upper

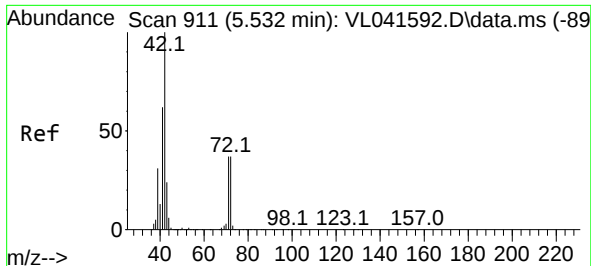
88 100

58 128.7 100.2 150.4

43 269.4 0.0 0.0#

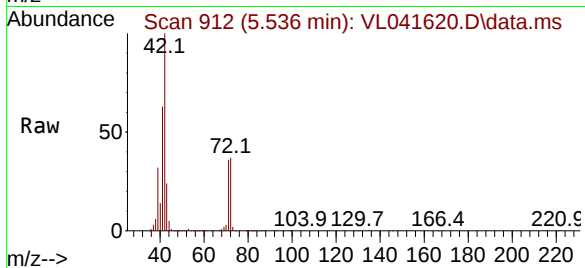
57 1165.6 0.0 0.0#



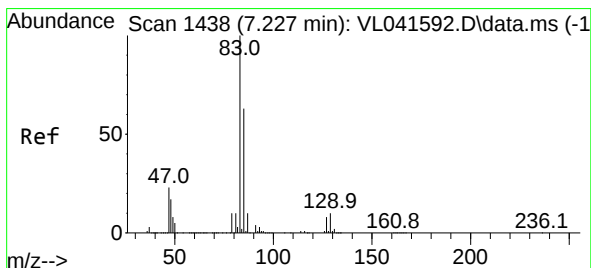
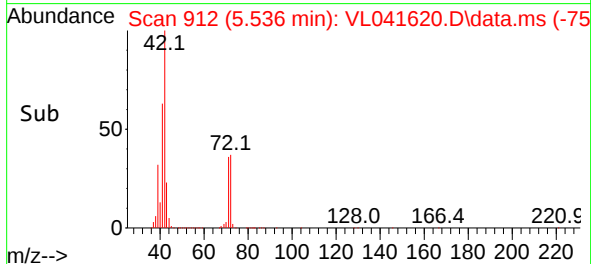
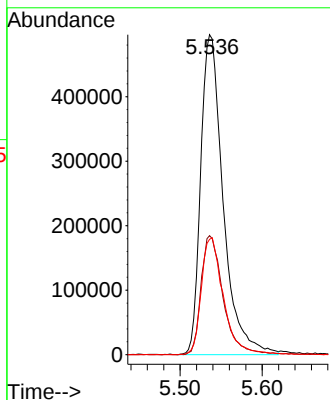


#41
Tetrahydrofuran
Concen: 11.945 ppbv
RT: 5.536 min Scan# 911
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :

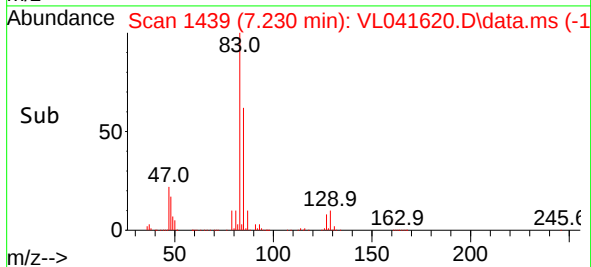
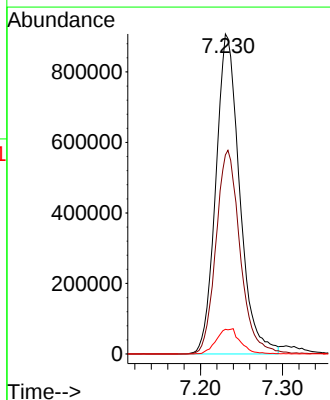
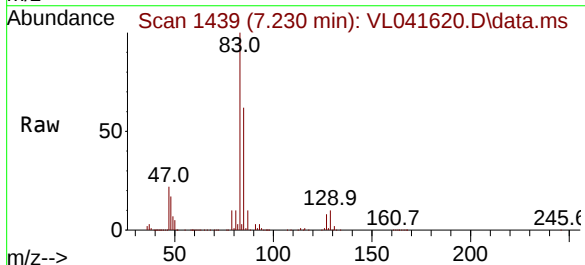


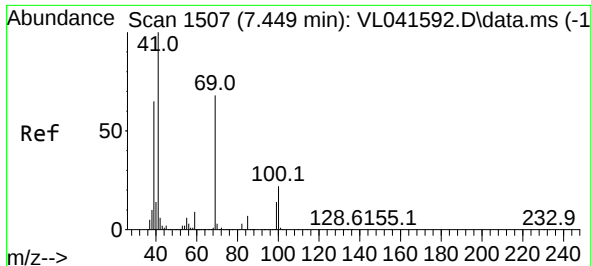
Tgt Ion: 42 Resp: 943501
Ion Ratio Lower Upper
42 100
72 36.8 30.2 45.2
71 36.2 29.6 44.4



#42
Bromodichloromethane
Concen: 10.880 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 83 Resp: 1836026
Ion Ratio Lower Upper
83 100
85 62.2 50.5 75.7
127 7.7 6.5 9.7

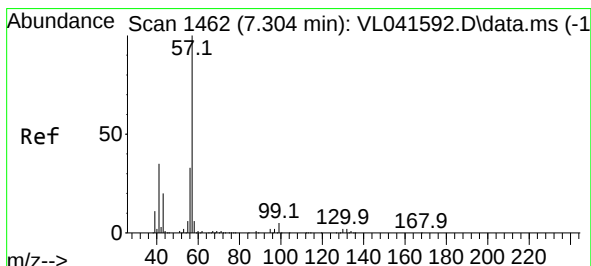
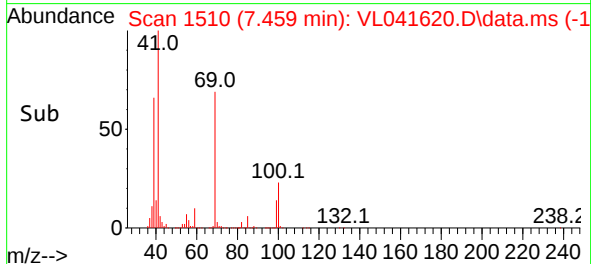
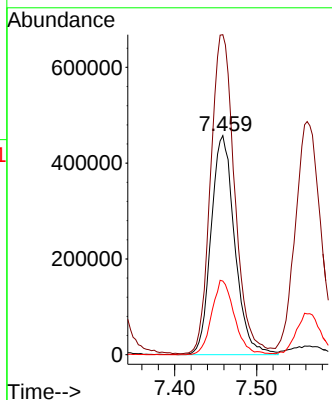
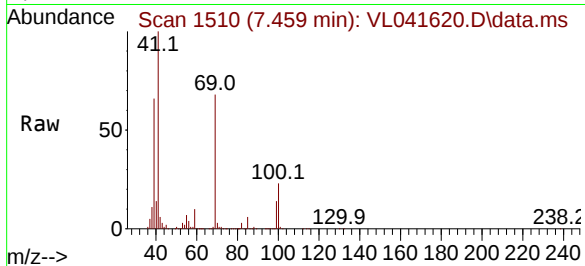




#43
Methyl Methacrylate
Concen: 12.231 ppbv
RT: 7.459 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

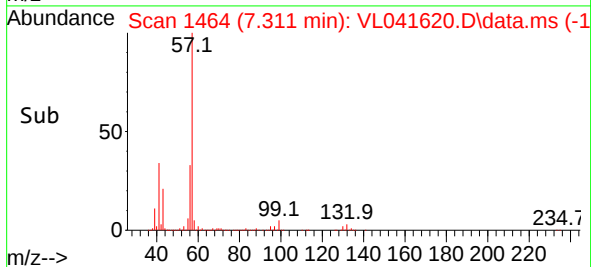
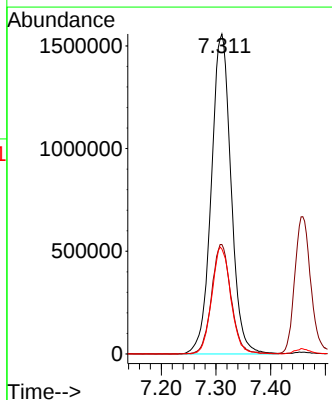
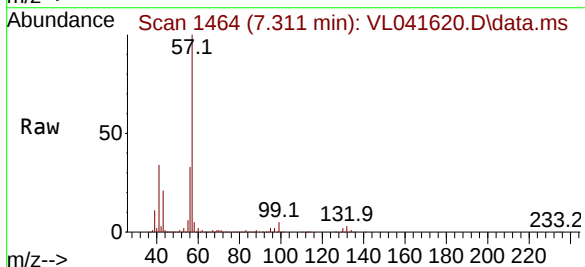
Instrument :
MSVOA_L
ClientSampleId :

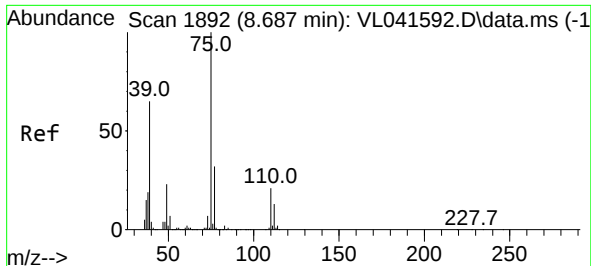
Tgt Ion: 69 Resp: 915009
Ion Ratio Lower Upper
69 100
41 149.0 121.8 182.6
100 32.7 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 10.781 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 57 Resp: 3899364
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 32.3 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 13.218 ppbv

RT: 8.696 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

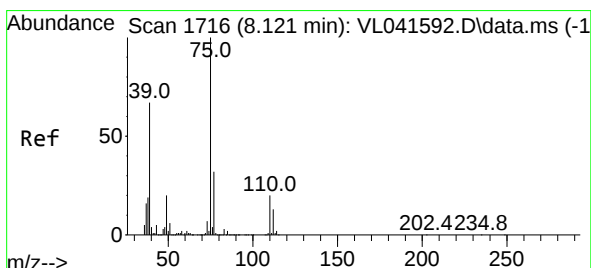
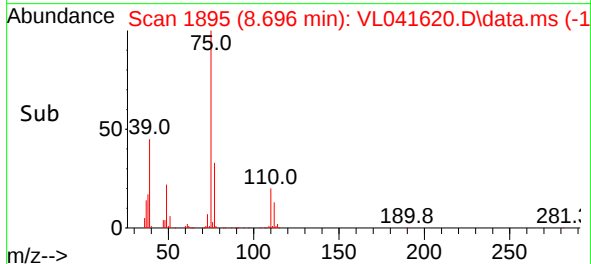
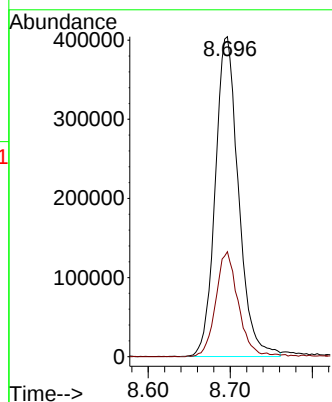
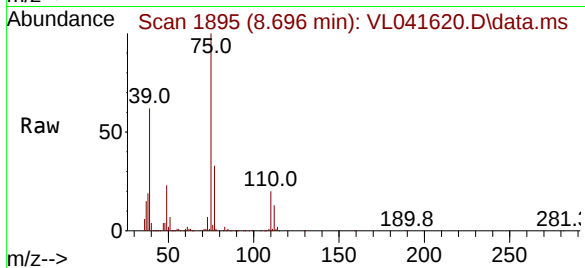
ClientSampleId :

Tgt Ion: 75 Resp: 797256

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 12.780 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

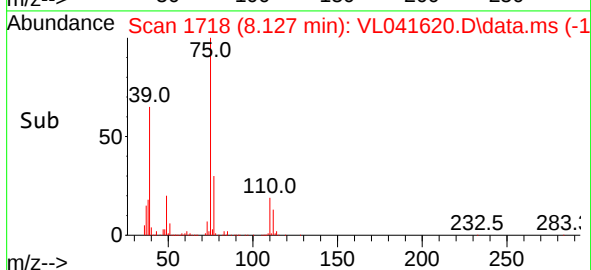
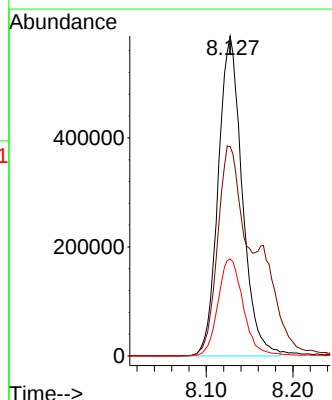
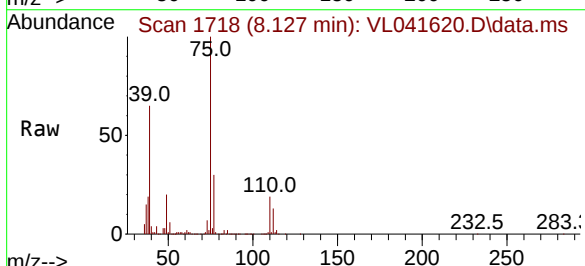
Tgt Ion: 75 Resp: 1129281

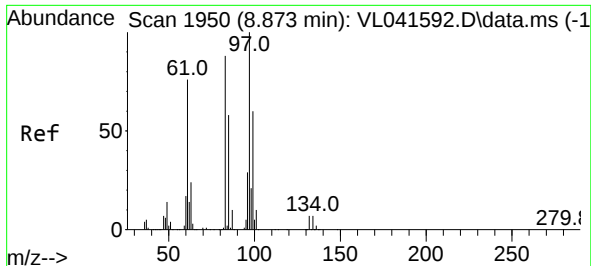
Ion Ratio Lower Upper

75 100

39 65.4 54.0 81.0

77 30.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.544 ppbv

RT: 8.883 min Scan# 1950

Delta R.T. 0.010 min

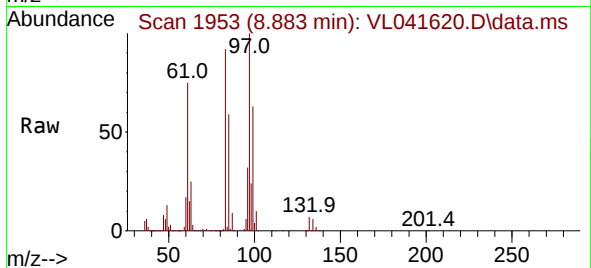
Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 952108

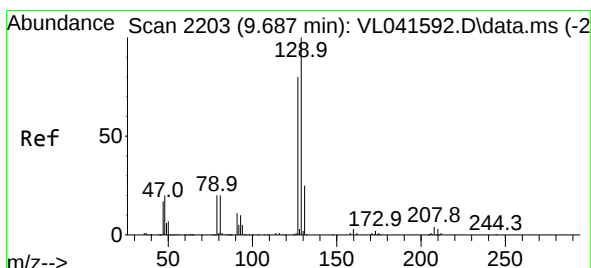
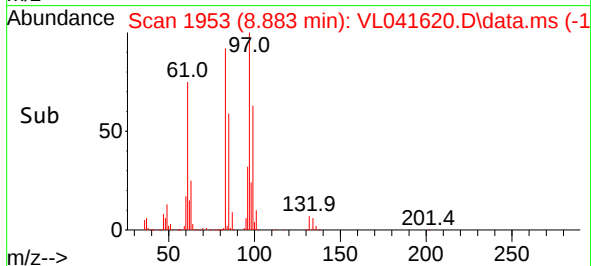
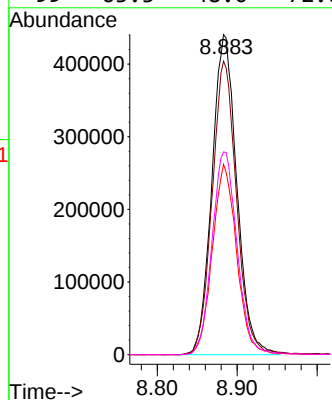
Ion Ratio Lower Upper

97 100

83 91.7 70.2 105.4

85 59.5 46.3 69.5

99 63.3 48.0 72.0



#48

Dibromochloromethane

Concen: 11.527 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.007 min

Lab File: VL041620.D

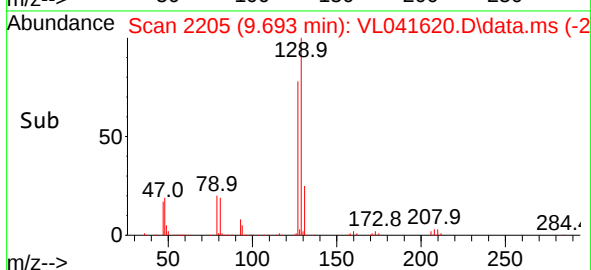
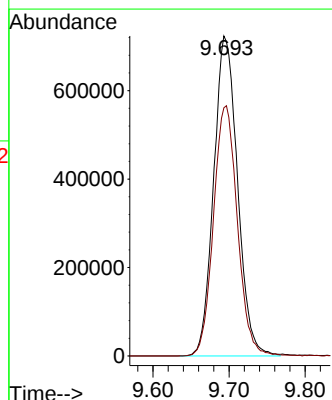
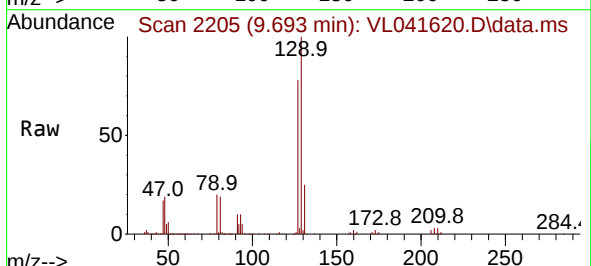
Acq: 25 Sep 2024 12:30

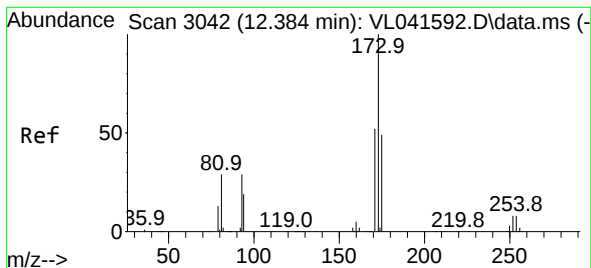
Tgt Ion: 129 Resp: 1577077

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.9





#49

Bromoform

Concen: 11.810 ppbv

RT: 12.394 min Scan# 3045

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

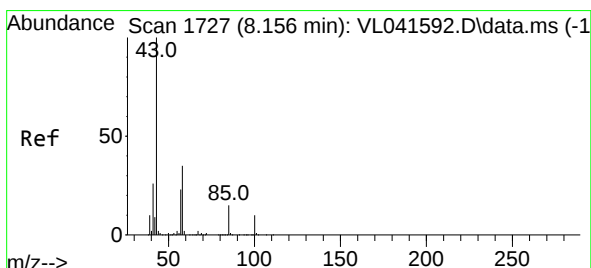
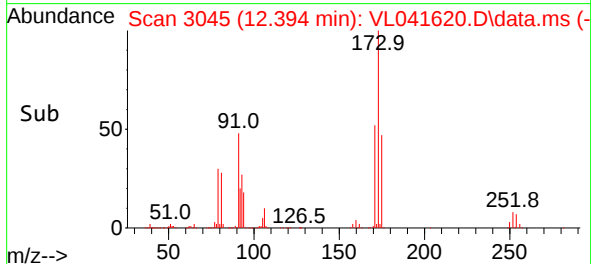
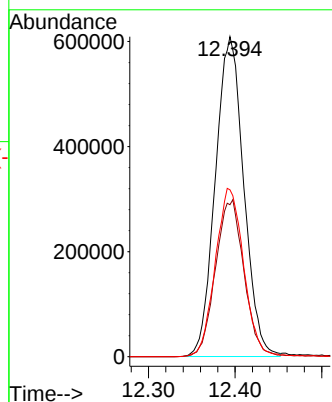
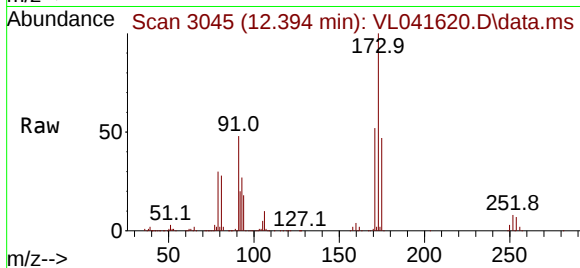
Tgt Ion:173 Resp: 1386944

Ion Ratio Lower Upper

173 100

175 49.6 40.1 60.1

171 52.9 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 11.577 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.007 min

Lab File: VL041620.D

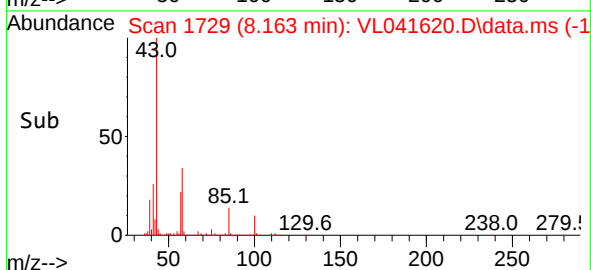
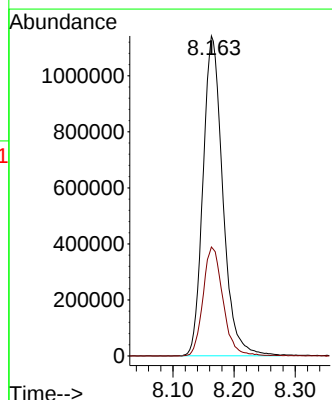
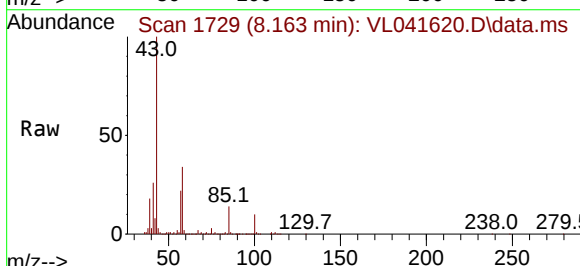
Acq: 25 Sep 2024 12:30

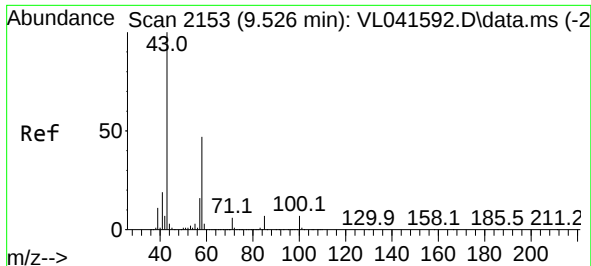
Tgt Ion: 43 Resp: 2566228

Ion Ratio Lower Upper

43 100

58 34.4 27.8 41.8



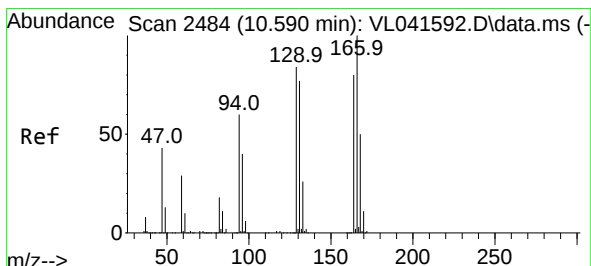
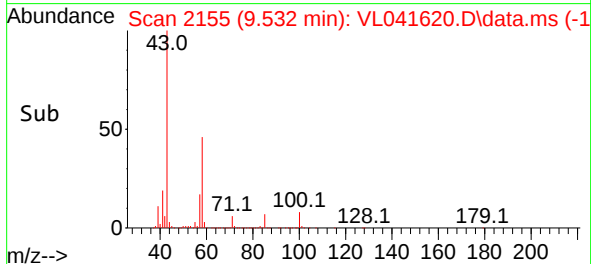
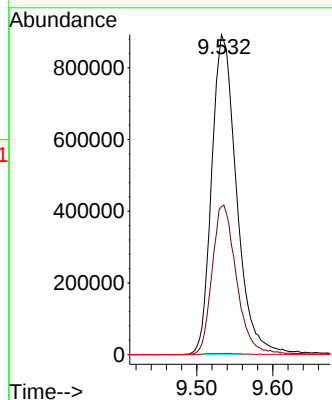
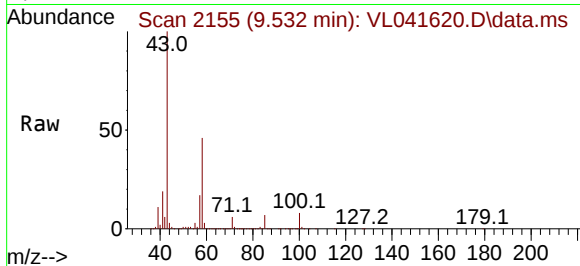


#51
2-Hexanone
Concen: 12.039 ppbv
RT: 9.532 min Scan# 2153
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2018493

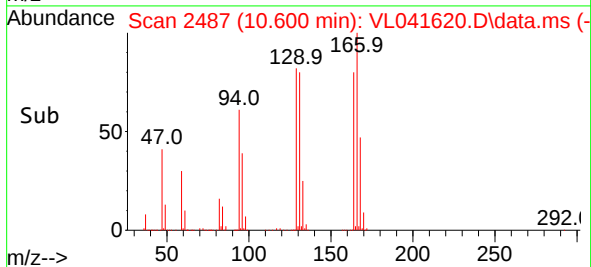
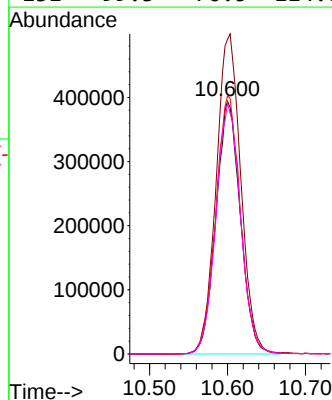
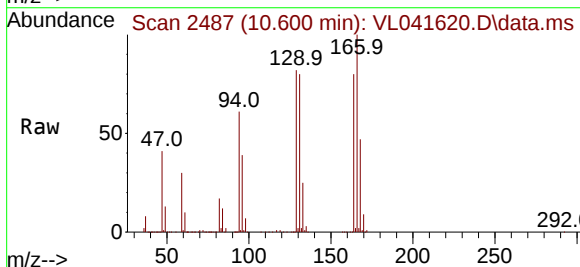
Ion	Ratio	Lower	Upper
43	100		
58	46.4	37.2	55.8
98	0.7	0.5	0.7

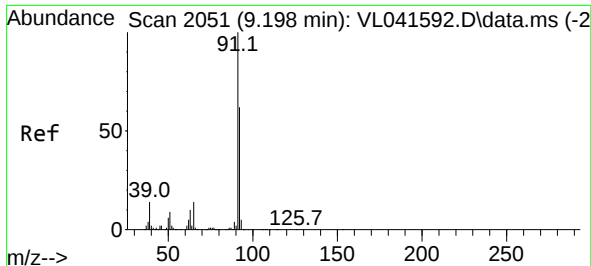


#52
Tetrachloroethene
Concen: 11.314 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 164 Resp: 856455

Ion	Ratio	Lower	Upper
164	100		
166	124.6	99.4	149.2
129	102.2	83.5	125.3
131	99.3	76.5	114.7

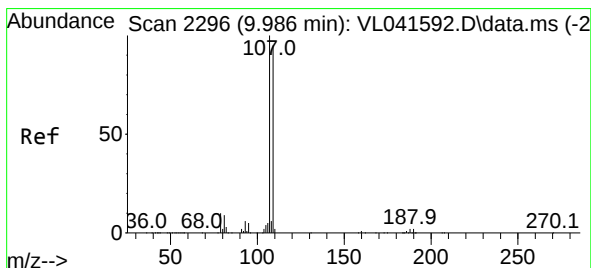
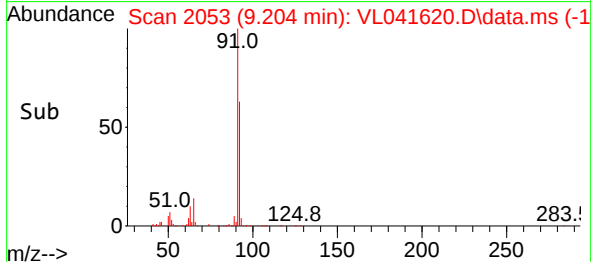
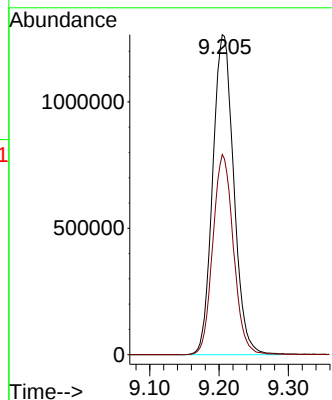
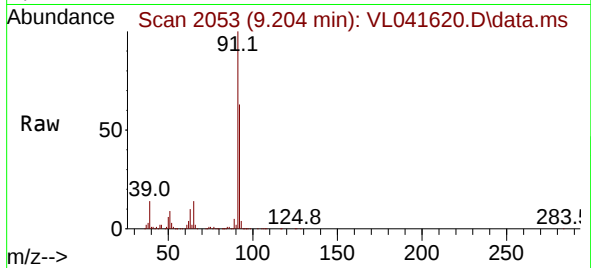




#53
Toluene
Concen: 12.038 ppbv
RT: 9.204 min Scan# 2051
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

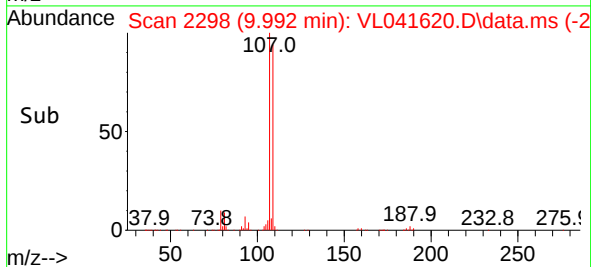
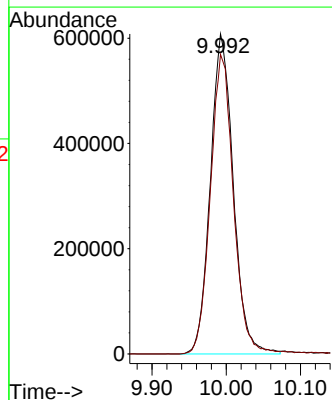
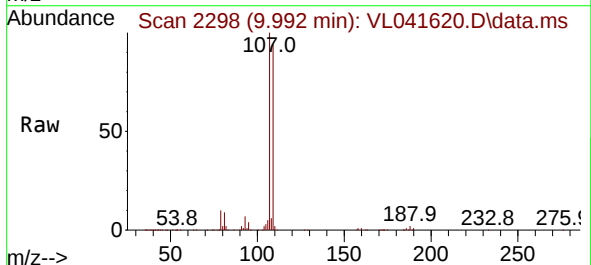
Instrument :
MSVOA_L
ClientSampleId :

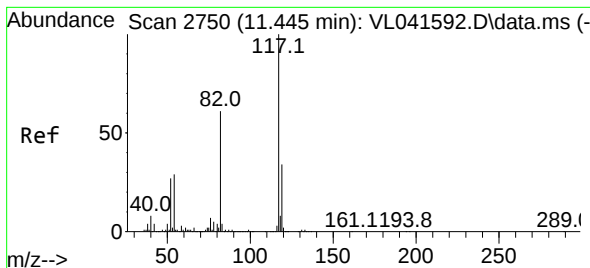
Tgt Ion: 91 Resp: 2671418
Ion Ratio Lower Upper
91 100
92 61.3 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.731 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 107 Resp: 1304442
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

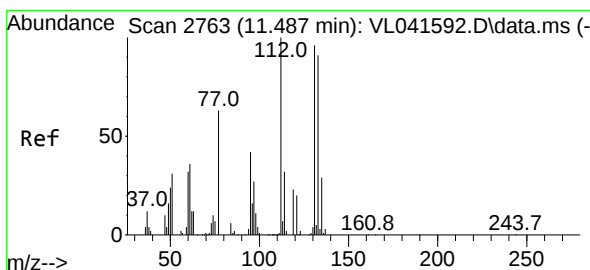
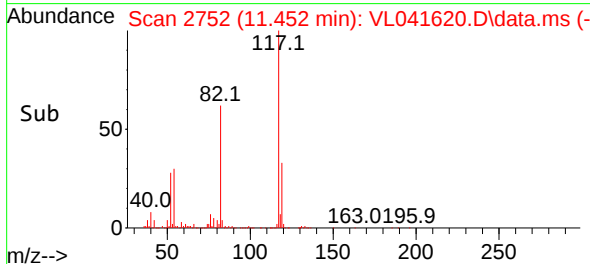
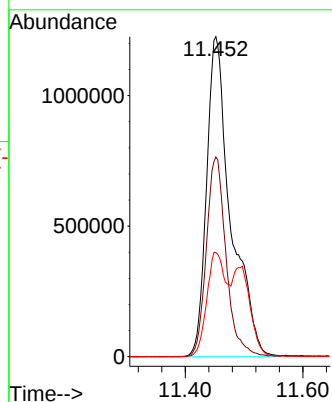
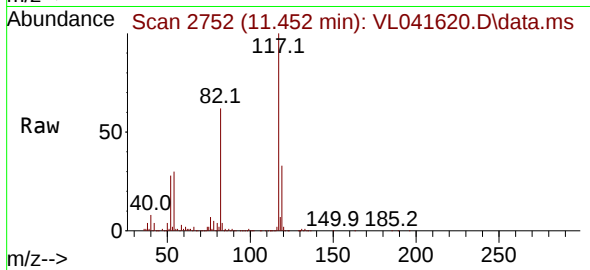




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.007 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

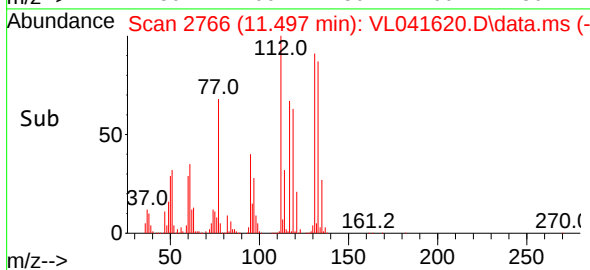
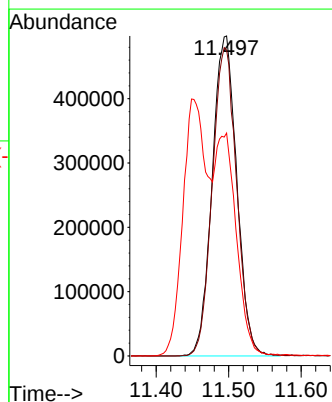
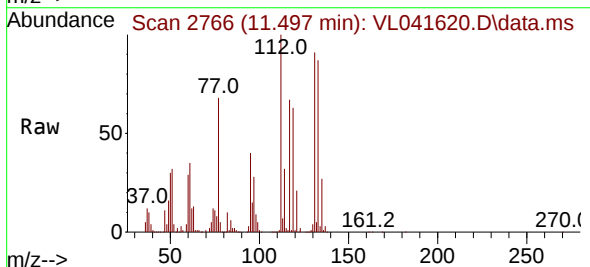
Instrument :
MSVOA_L
ClientSampleId :

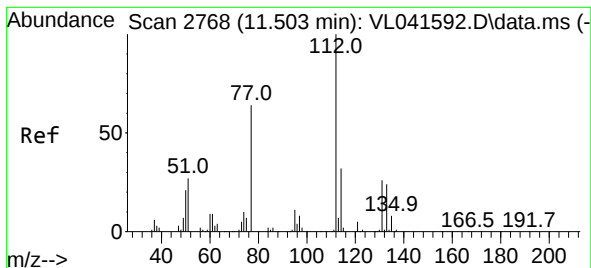
Tgt Ion:117 Resp: 3504748
Ion Ratio Lower Upper
117 100
82 51.2 49.4 74.2
119 27.2 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 8.551 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:131 Resp: 1170113
Ion Ratio Lower Upper
131 100
133 95.9 76.6 115.0
119 64.1 48.5 72.7





#57

Chlorobenzene

Concen: 8.341 ppbv

RT: 11.513 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

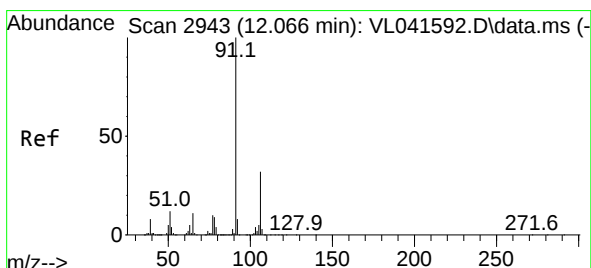
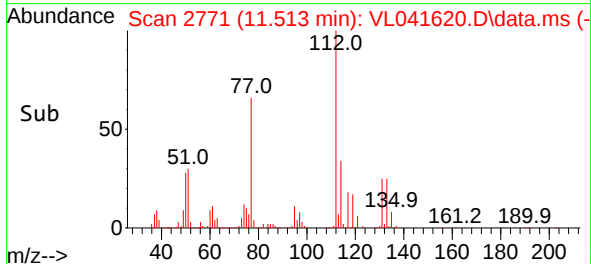
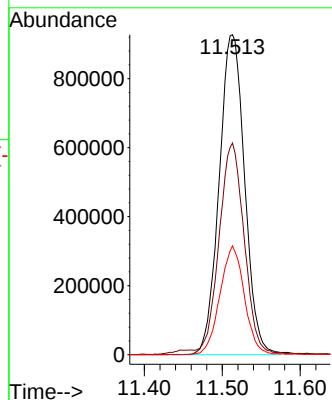
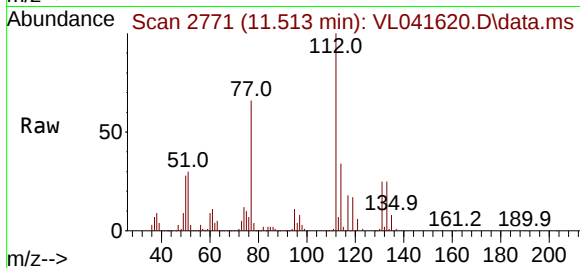
Tgt Ion:112 Resp: 2107671

Ion Ratio Lower Upper

112 100

77 65.6 52.0 78.0

114 34.0 28.6 35.0



#58

Ethyl Benzene

Concen: 9.612 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. 0.010 min

Lab File: VL041620.D

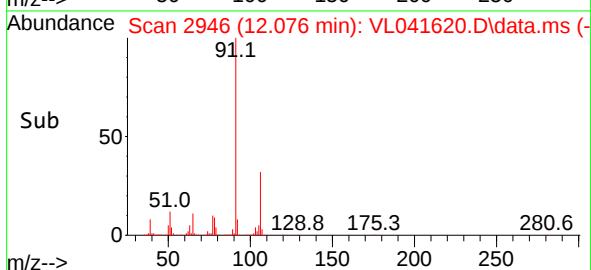
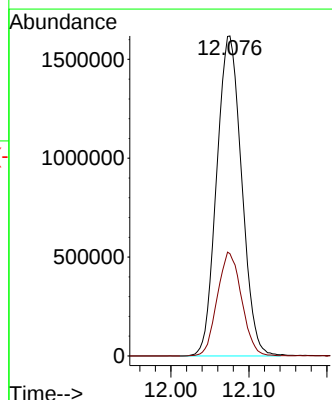
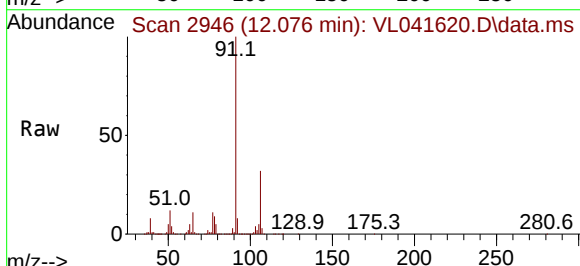
Acq: 25 Sep 2024 12:30

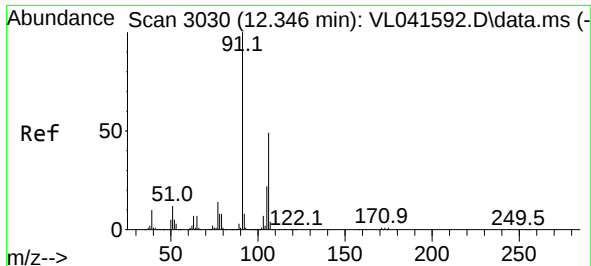
Tgt Ion: 91 Resp: 3606334

Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.6





#59

m/p-Xylene

Concen: 9.341 ppbv

RT: 12.355 min Scan# 3030

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

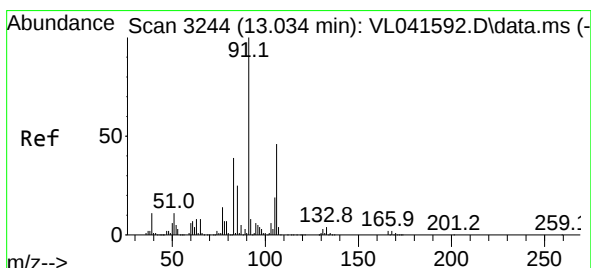
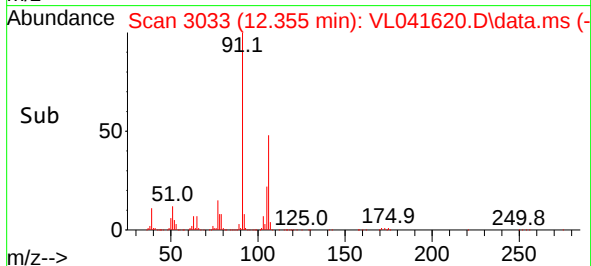
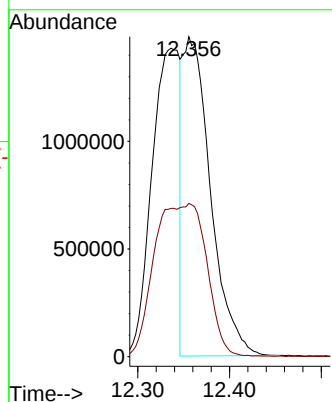
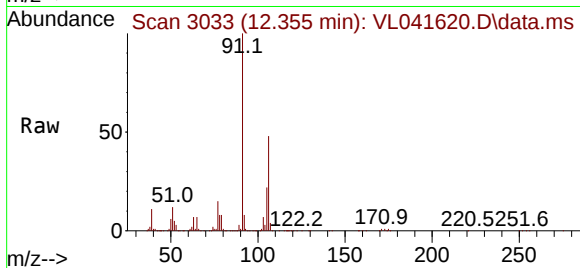
ClientSampleId :

Tgt Ion: 91 Resp: 3119113

Ion Ratio Lower Upper

91 100

106 90.5 36.8 55.2#



#60

o-Xylene

Concen: 9.314 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.013 min

Lab File: VL041620.D

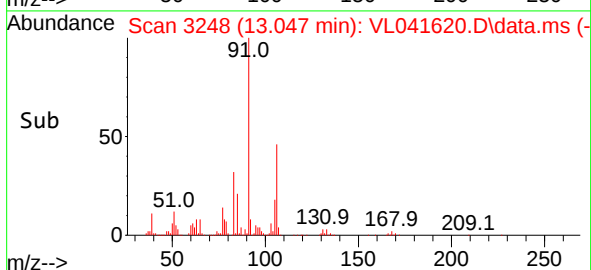
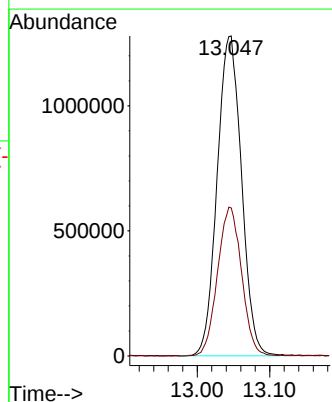
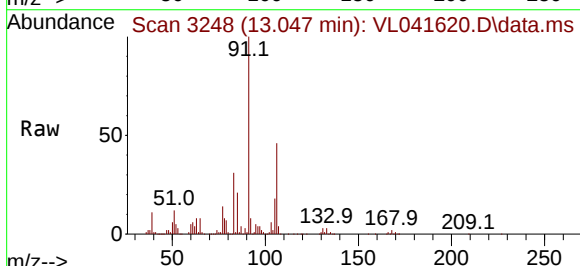
Acq: 25 Sep 2024 12:30

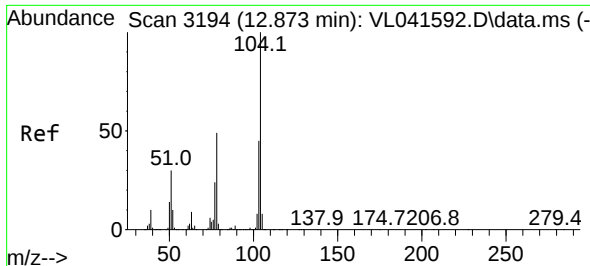
Tgt Ion: 91 Resp: 2981870

Ion Ratio Lower Upper

91 100

106 46.0 23.1 69.3

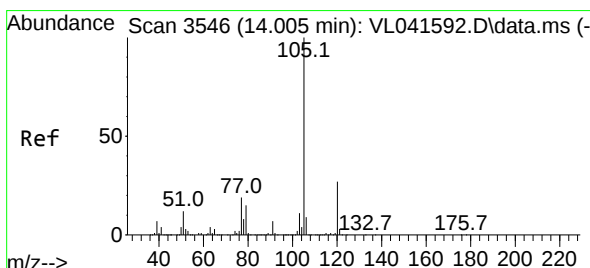
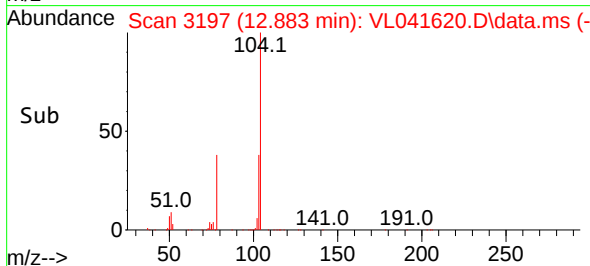
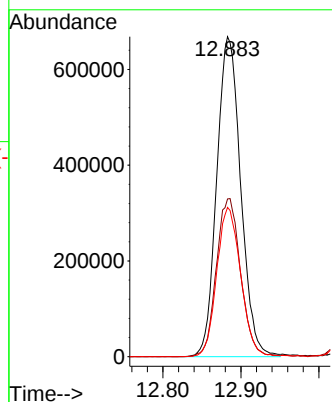
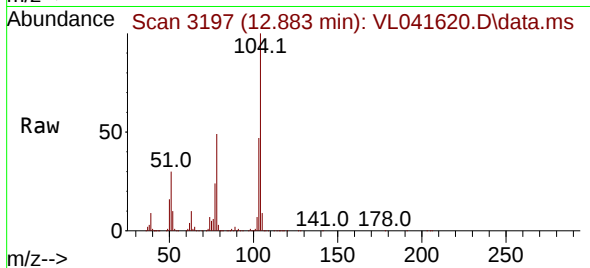




#61
Styrene
Concen: 10.680 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

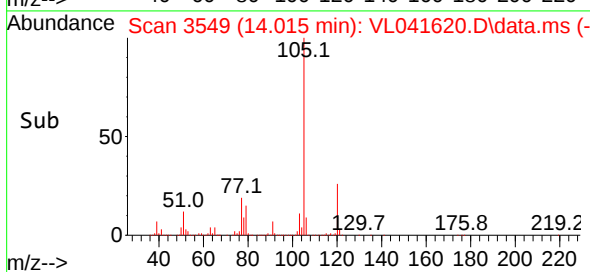
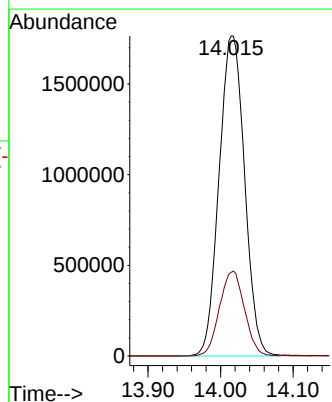
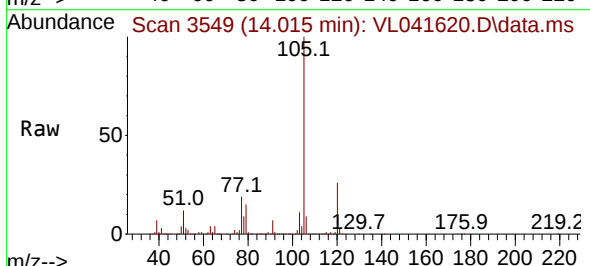
Instrument :
MSVOA_L
ClientSampleId :

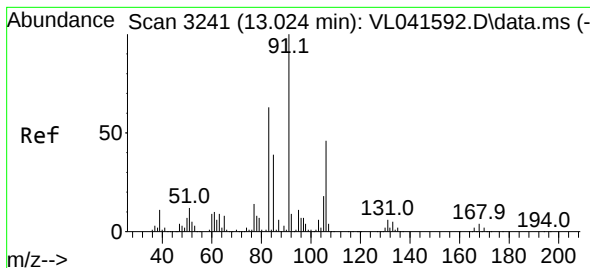
Tgt Ion:104 Resp: 1428471
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 46.9 37.4 56.0



#62
Isopropylbenzene
Concen: 8.882 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:105 Resp: 4308177
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 8.636 ppbv

RT: 13.037 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

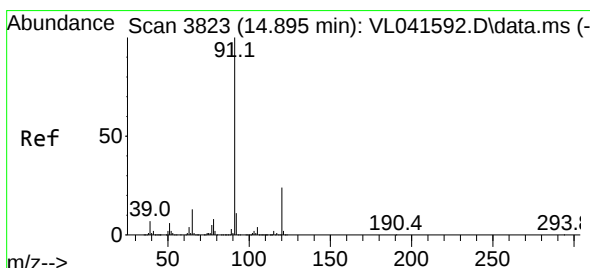
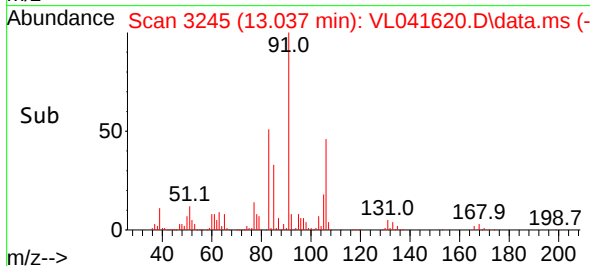
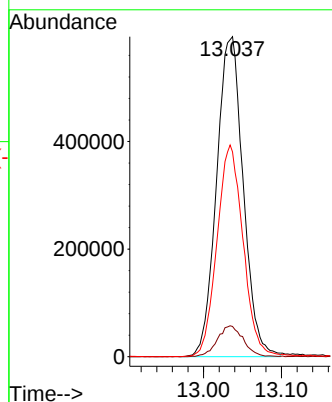
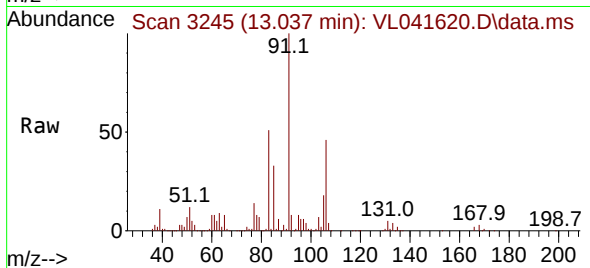
Tgt Ion: 83 Resp: 1413615

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 65.6 32.5 97.4



#64

n-propylbenzene

Concen: 9.267 ppbv

RT: 14.902 min Scan# 3825

Delta R.T. 0.007 min

Lab File: VL041620.D

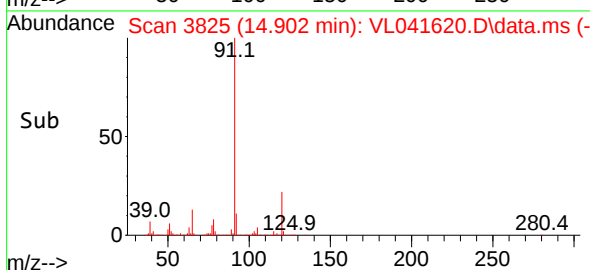
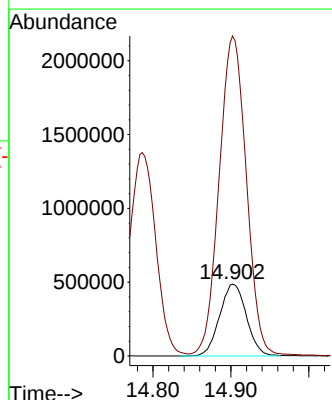
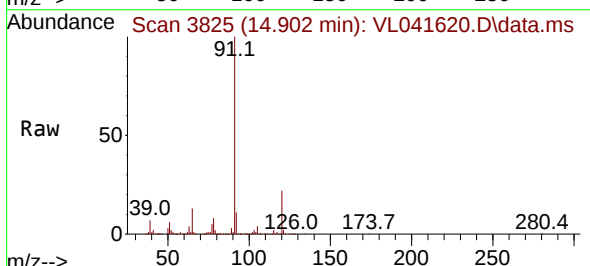
Acq: 25 Sep 2024 12:30

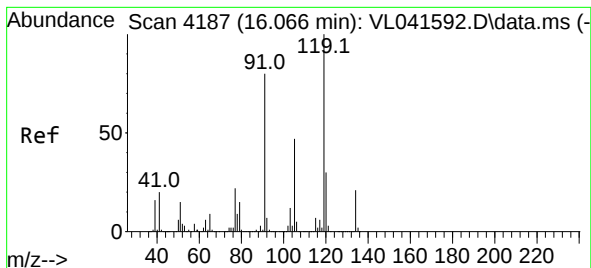
Tgt Ion:120 Resp: 1160749

Ion Ratio Lower Upper

120 100

91 454.2 366.4 549.6





#65

tert-Butylbenzene

Concen: 8.666 ppbv

RT: 16.076 min Scan# 4187

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

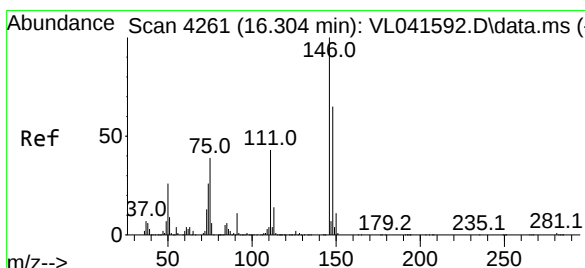
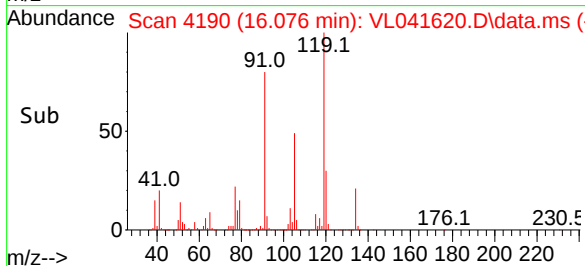
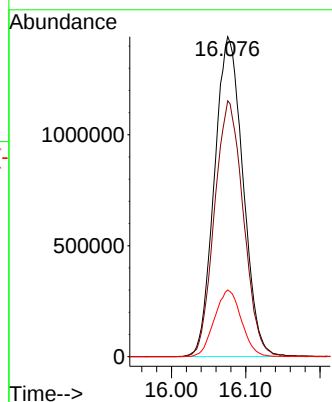
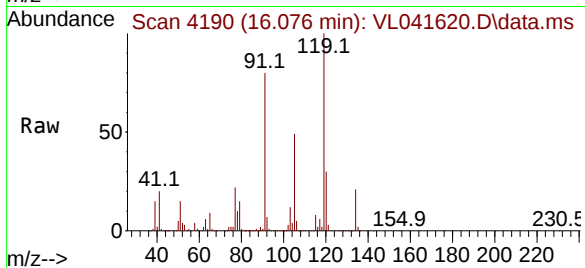
Tgt Ion:119 Resp: 3852669

Ion Ratio Lower Upper

119 100

91 81.0 64.6 96.8

134 19.8 15.8 23.8



#66

Benzyl Chloride

Concen: 9.172 ppbv

RT: 16.317 min Scan# 4265

Delta R.T. 0.013 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

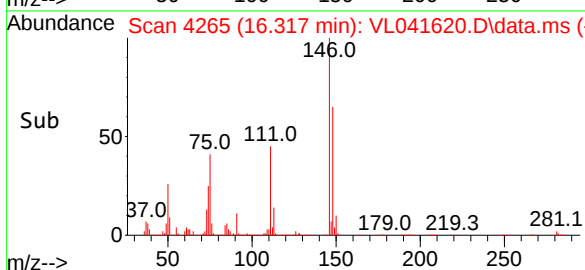
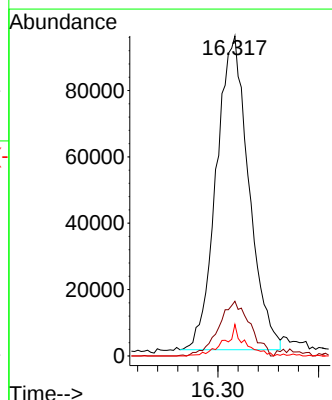
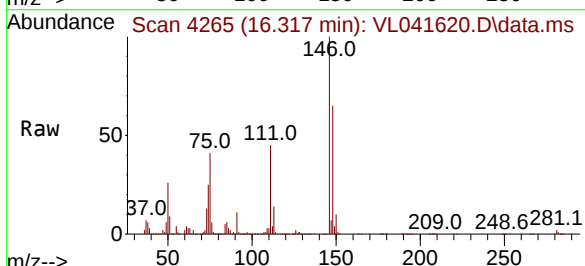
Tgt Ion: 91 Resp: 211989

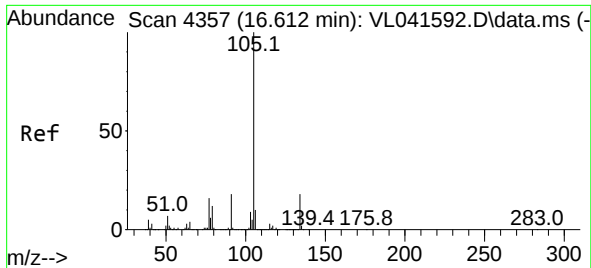
Ion Ratio Lower Upper

91 100

126 17.2 15.4 23.2

128 6.3 4.8 7.2

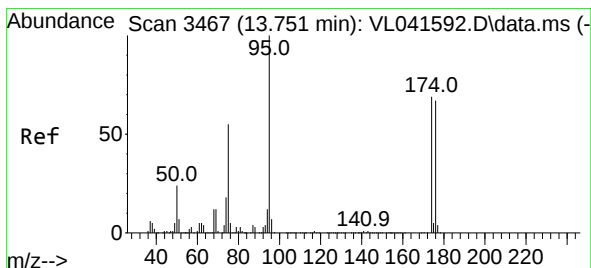
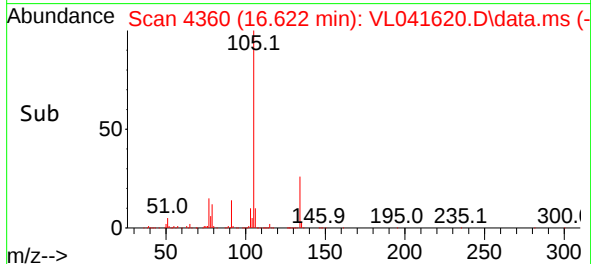
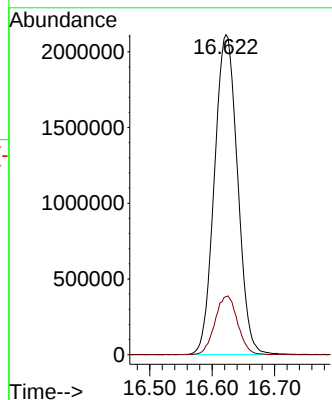
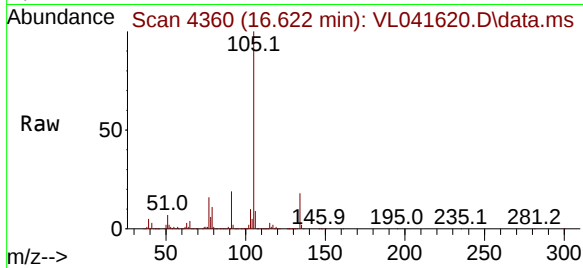




#67
 sec-Butylbenzene
 Concen: 8.814 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

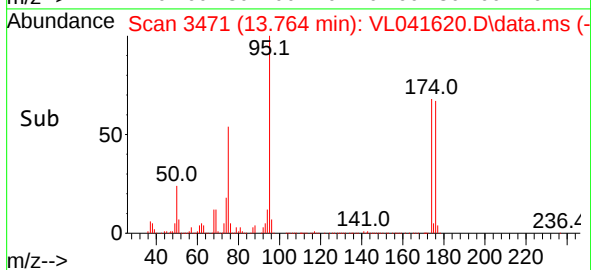
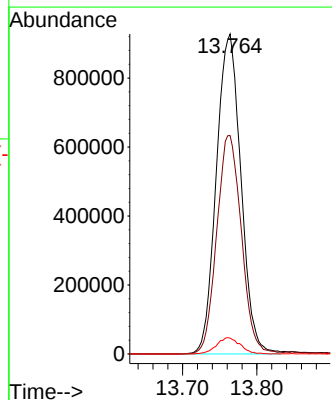
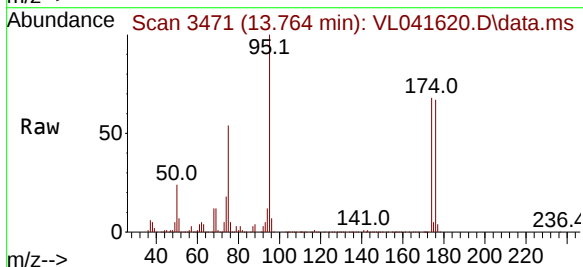
Instrument :
 MSVOA_L
 ClientSampleId :

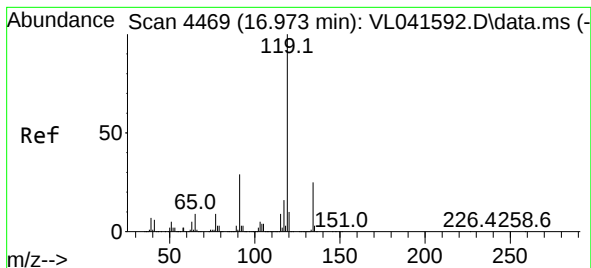
Tgt Ion:105 Resp: 5436925
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.279 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.013 min
 Lab File: VL041620.D
 Acq: 25 Sep 2024 12:30

Tgt Ion: 95 Resp: 2135963
 Ion Ratio Lower Upper
 95 100
 174 68.4 55.8 83.8
 175 4.9 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.100 ppbv

RT: 16.982 min Scan# 4469

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

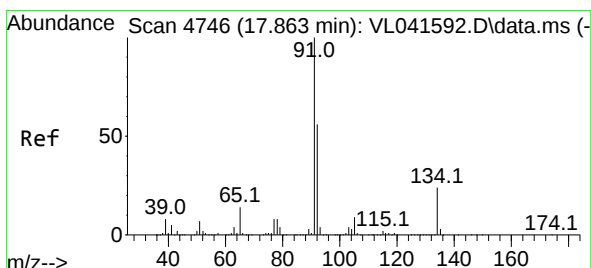
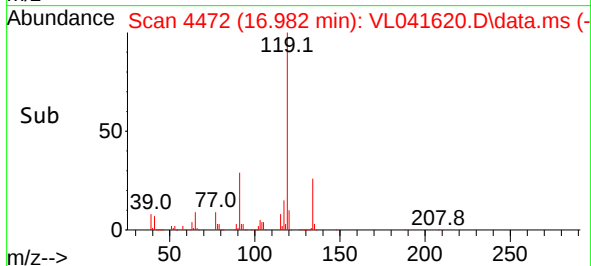
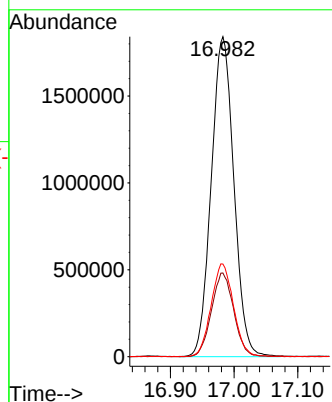
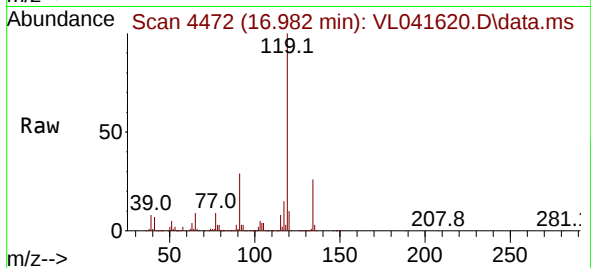
Tgt Ion:119 Resp: 4543580

Ion Ratio Lower Upper

119 100

134 25.9 20.5 30.7

91 28.7 23.1 34.7



#70

n-Butylbenzene

Concen: 8.930 ppbv

RT: 17.870 min Scan# 4748

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

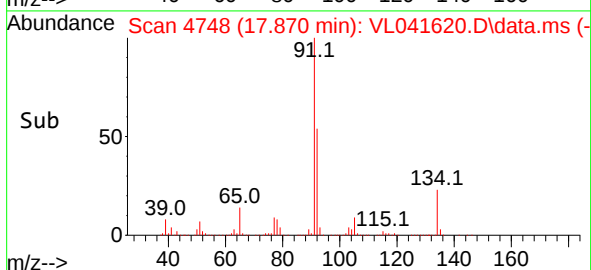
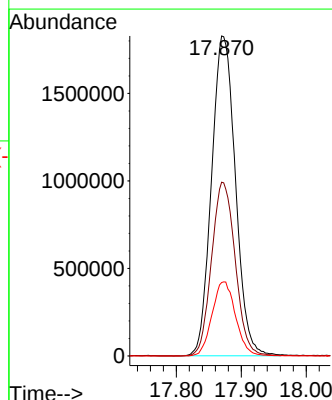
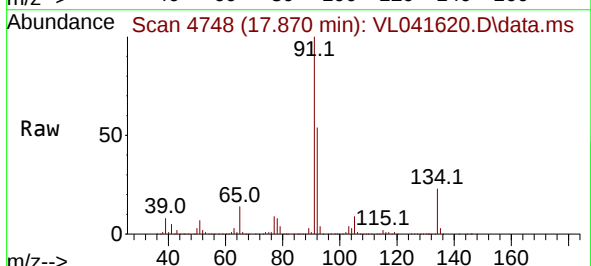
Tgt Ion: 91 Resp: 4670620

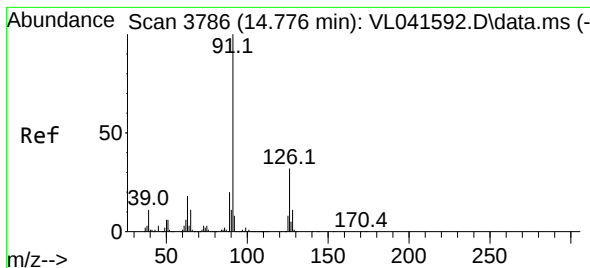
Ion Ratio Lower Upper

91 100

92 53.9 43.2 64.8

134 22.9 18.6 27.8

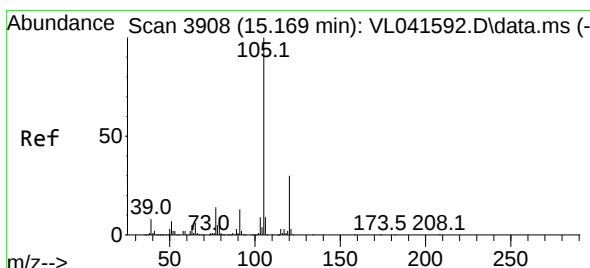
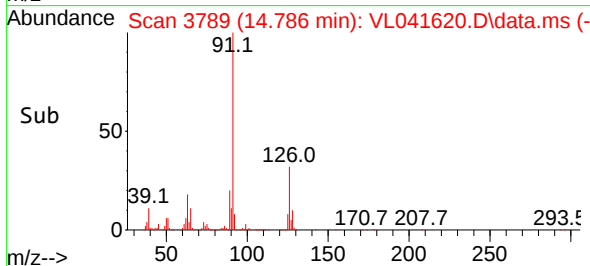
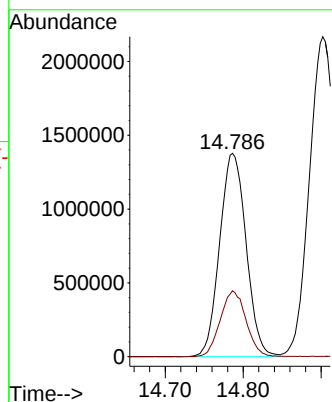
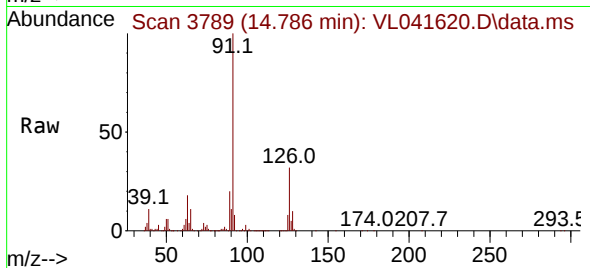




#71
2-Chlorotoluene
Concen: 9.105 ppbv
RT: 14.786 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

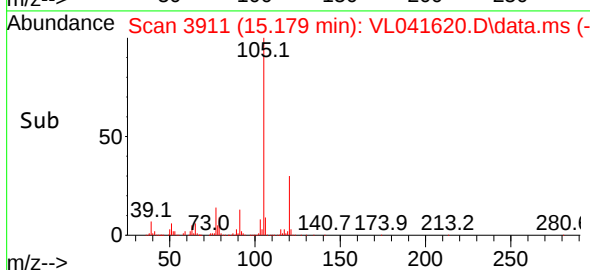
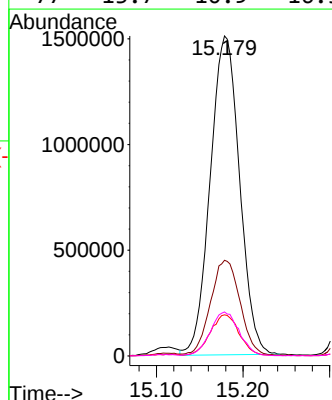
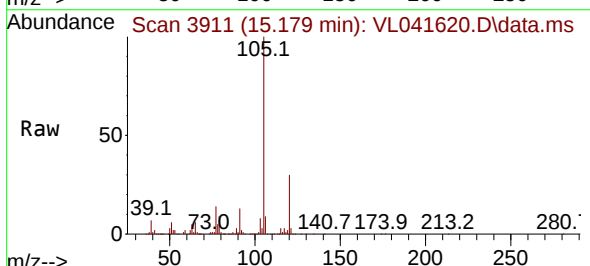
Instrument :
MSVOA_L
ClientSampleId :

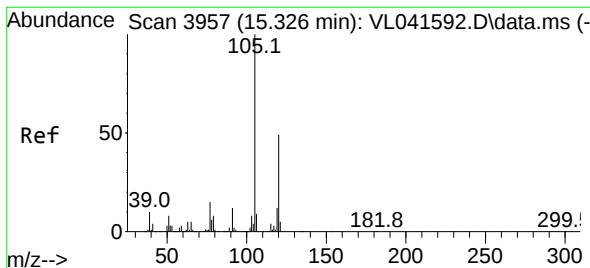
Tgt Ion: 91 Resp: 3249347
Ion Ratio Lower Upper
91 100
126 31.7 12.9 51.5



#72
4-Ethyltoluene
Concen: 9.486 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion: 105 Resp: 3549686
Ion Ratio Lower Upper
105 100
120 31.3 24.1 36.1
91 12.8 10.2 15.2
77 13.7 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 9.186 ppbv

RT: 15.336 min Scan# 3957

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

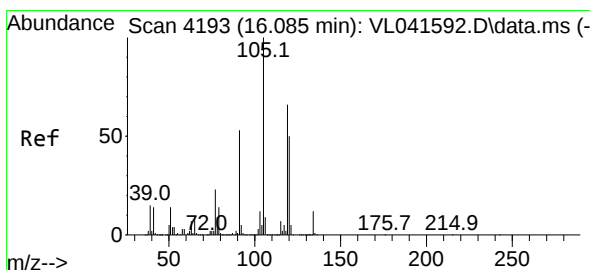
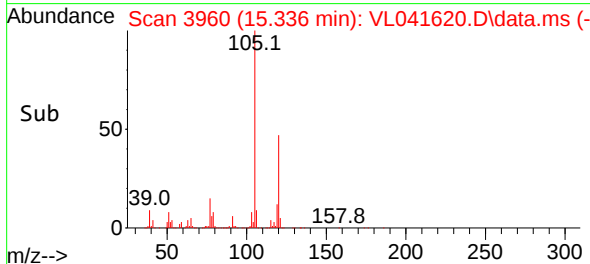
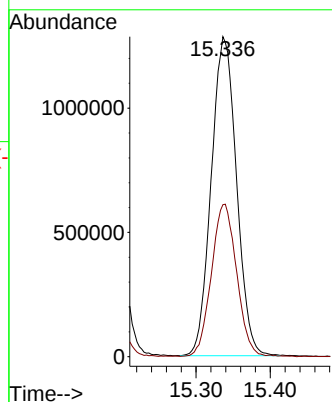
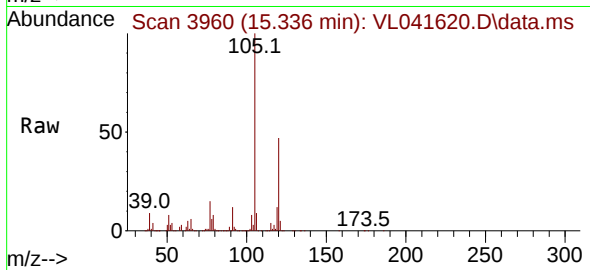
ClientSampleId :

Tgt Ion:105 Resp: 3035466

Ion Ratio Lower Upper

105 100

120 47.5 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 8.725 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. 0.007 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Tgt Ion:105 Resp: 3374776

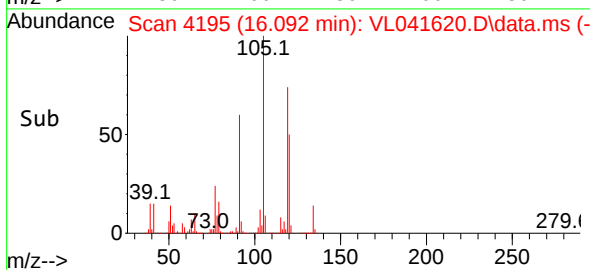
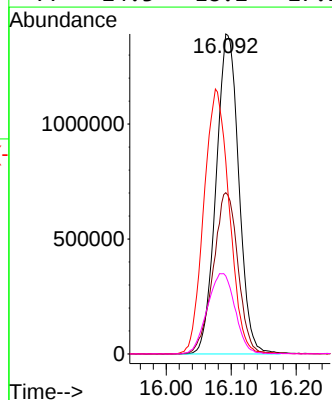
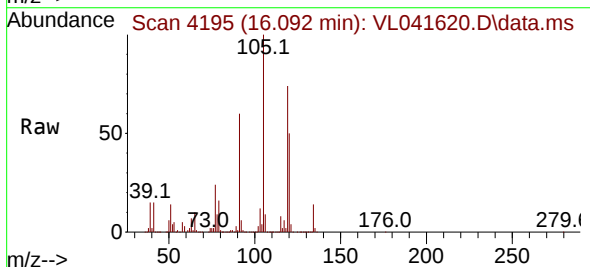
Ion Ratio Lower Upper

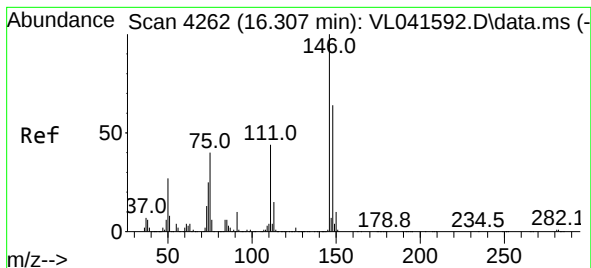
105 100

120 50.3 39.9 59.9

91 59.9 42.6 63.8

77 24.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 8.515 ppbv

RT: 16.317 min Scan# 4310

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

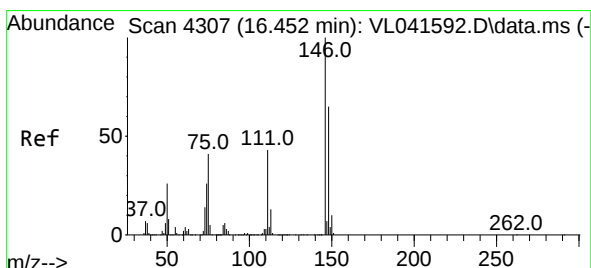
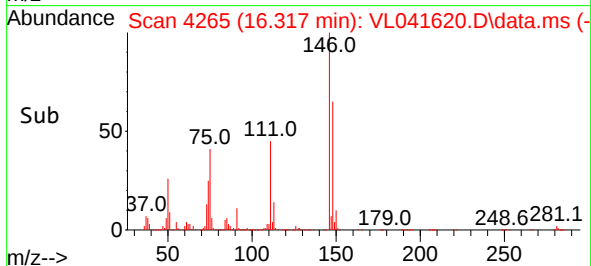
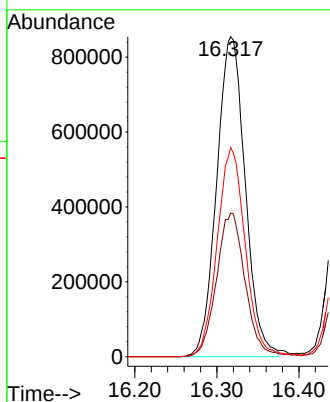
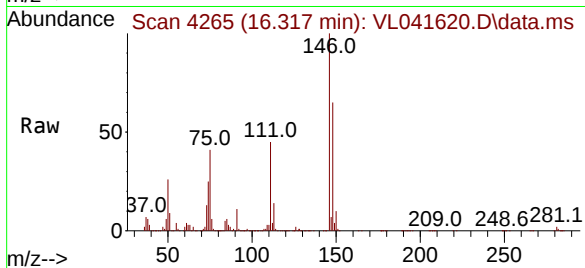
Tgt Ion:146 Resp: 2064129

Ion Ratio Lower Upper

146 100

111 45.3 22.4 67.0

148 64.5 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 8.668 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

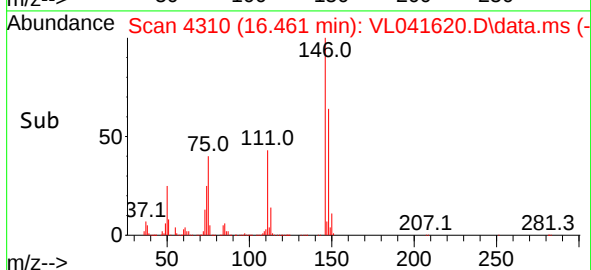
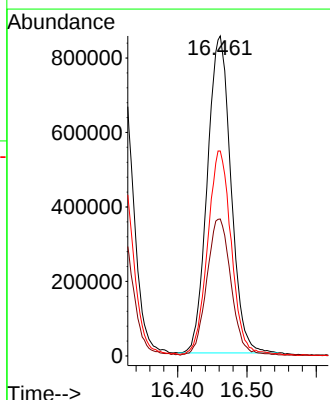
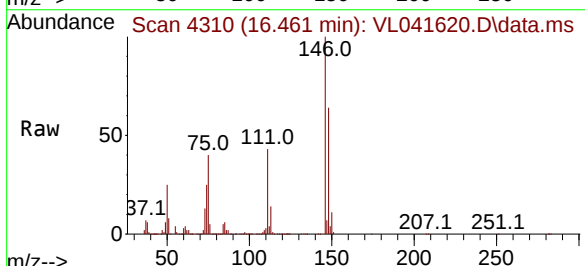
Tgt Ion:146 Resp: 2013375

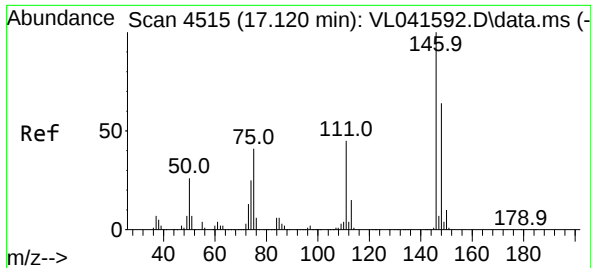
Ion Ratio Lower Upper

146 100

111 45.1 22.4 67.3

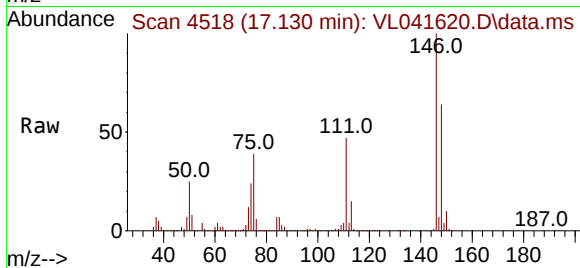
148 65.8 32.8 98.4



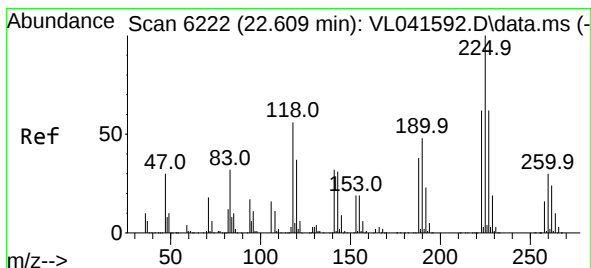
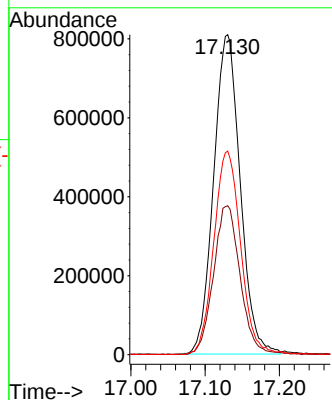
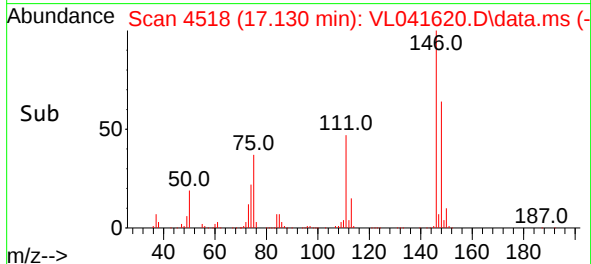


#77
1,2-Dichlorobenzene
Concen: 8.408 ppbv
RT: 17.130 min Scan# 4515
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Instrument :
MSVOA_L
ClientSampleId :

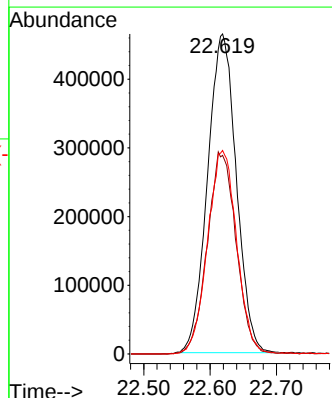
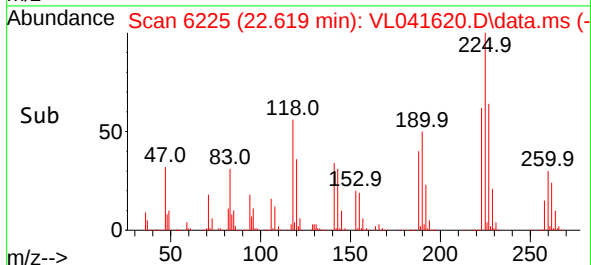
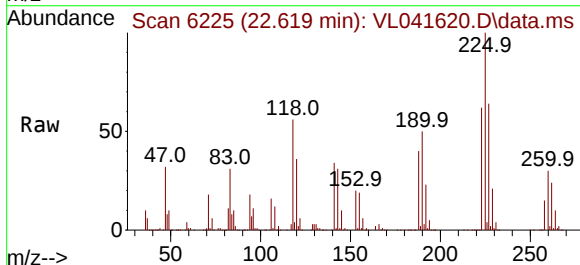


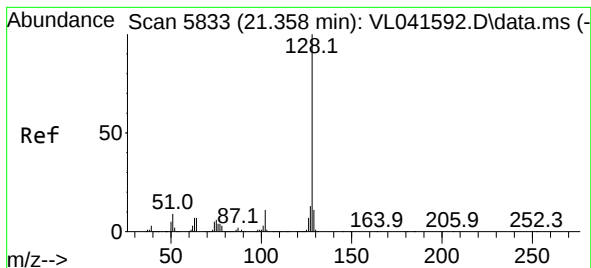
Tgt Ion:146 Resp: 2012153
Ion Ratio Lower Upper
146 100
111 47.1 23.4 70.0
148 64.4 32.5 97.4



#78
Hexachloro-1,3-Butadiene
Concen: 7.079 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.010 min
Lab File: VL041620.D
Acq: 25 Sep 2024 12:30

Tgt Ion:225 Resp: 1397488
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 65.0 50.9 76.3





#79

Naphthalene

Concen: 9.883 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. 0.010 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :

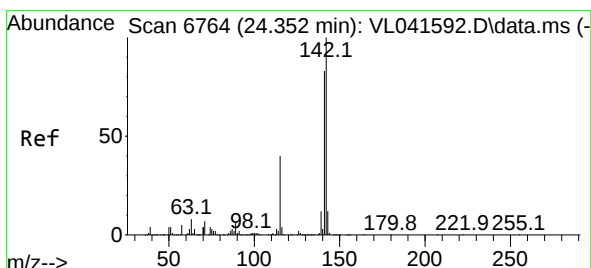
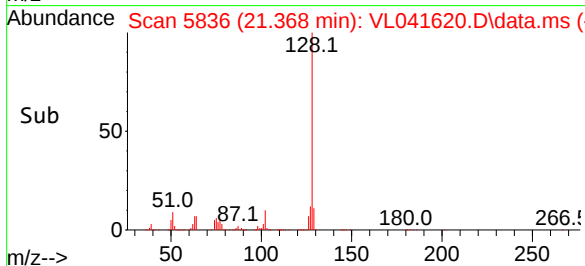
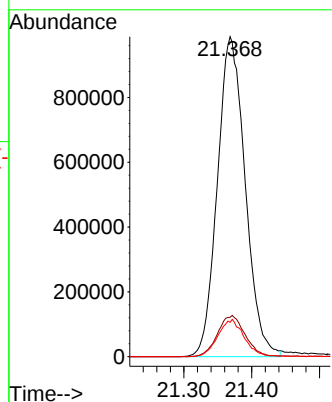
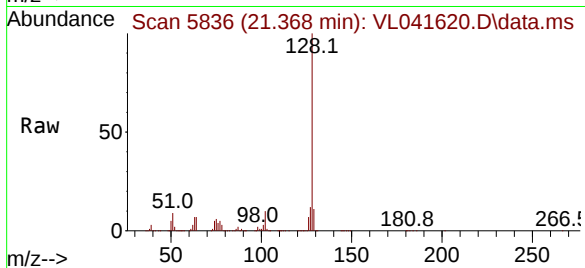
Tgt Ion:128 Resp: 2813196

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 10.7 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 5.639 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.013 min

Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

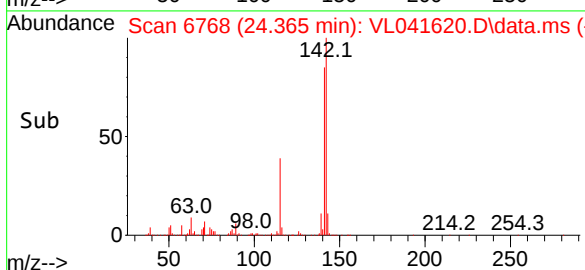
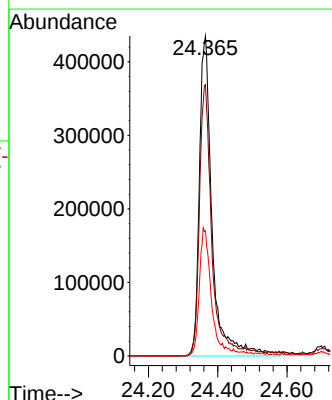
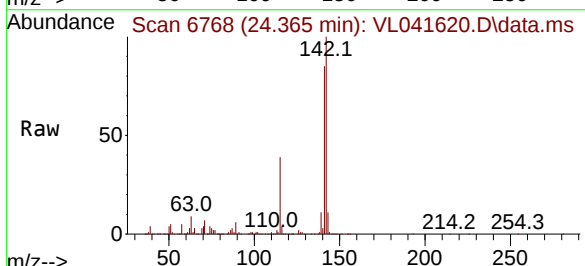
Tgt Ion:142 Resp: 1124692

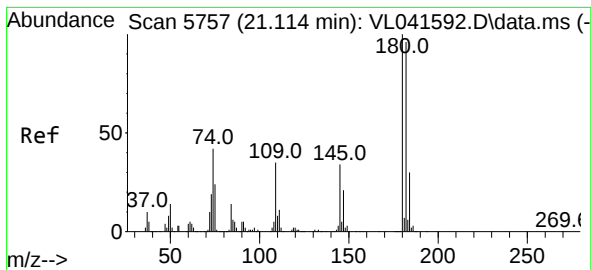
Ion Ratio Lower Upper

142 100

141 83.7 66.3 99.5

115 39.3 31.4 47.2





#81

1,2,4-Trichlorobenzene

Concen: 8.144 ppbv

RT: 21.124 min Scan# 51

Delta R.T. 0.010 min

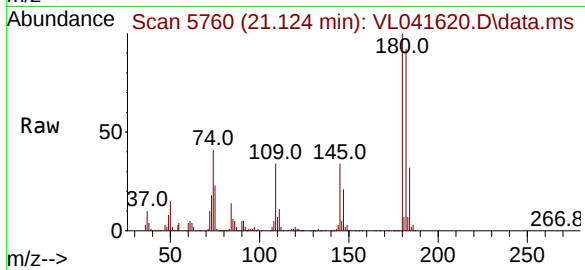
Lab File: VL041620.D

Acq: 25 Sep 2024 12:30

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1473876

Ion Ratio Lower Upper

180 100

182 96.7 76.5 114.7

184 31.0 24.7 37.1

