

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041601.D
 Acq On : 18 Sep 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 01:28:02 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	5.185	49	1176243	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.645	114	3208665	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.458	117	3110660	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	2275993	9.939	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1344207	7.913	ppbv	99
3) Chlorodifluoromethane	2.671	51	1296141	9.085	ppbv	99
4) Chloromethane	2.809	50	708455	9.028	ppbv	97
5) Vinyl Chloride	2.915	62	705961	10.390	ppbv	98
6) Bromomethane	3.115	94	311784	9.223	ppbv	97
7) Chloroethane	3.192	64	251005	9.499	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	1646174	9.238	ppbv	100
9) Propene	2.690	41	612014	10.170	ppbv	98
10) Heptane	7.571	43	1478682	10.495	ppbv	100
11) Trichlorofluoromethane	3.555	101	1639385	9.069	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1214036	9.273	ppbv	100
13) Ethanol	3.243	45	19371	4.282	ppbv	86
14) Bromoethene	3.359	108	499377	10.060	ppbv	100
15) Acetone	3.462	43	1208787	8.186	ppbv	100
16) 1,3-Butadiene	2.980	39	673454	9.376	ppbv	98
17) tert-Butyl alcohol	3.870	59	1261877	9.716	ppbv	100
18) 1,1-Dichloroethene	3.873	96	530425	9.571	ppbv	97
19) Isopropyl Alcohol	3.568	45	715591	9.466	ppbv #	98
20) Methylene Chloride	3.925	84	450417	8.119	ppbv	91
21) Allyl Chloride	3.989	41	858301	10.028	ppbv	100
22) trans-1,2-Dichloroethene	4.436	96	534697	9.671	ppbv	98
23) Vinyl Acetate	4.619	43	863997	10.637	ppbv	99
24) 1,1-Dichloroethane	4.555	63	1158084	9.499	ppbv	100
25) Ethyl Acetate	5.198	43	2686598	10.134	ppbv	100
26) Hexane	5.205	57	1094009	9.896	ppbv	99
27) Carbon Disulfide	4.118	76	1309474	11.142	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	673643	9.883	ppbv	98
29) Chloroform	5.266	83	1702540	9.411	ppbv	99
30) Cyclohexane	6.594	84	911409	10.695	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1082135	10.310	ppbv	100
32) 1,1,1-Trichloroethane	5.996	97	1681151	10.433	ppbv	99
34) 2-Butanone	4.780	43	1525364	9.970	ppbv	99
35) Carbon Tetrachloride	6.484	117	1762225	11.193	ppbv	97
36) Benzene	6.362	78	2328102	10.448	ppbv	99
37) 1,2-Dichloroethane	5.799	62	1282907	9.922	ppbv	100
38) Trichloroethene	7.285	130	1247903	10.874	ppbv	99
39) 1,2-Dichloropropane	7.063	63	902201	9.952	ppbv	98
40) 1,4-Dioxane	7.278	88	375300	10.982	ppbv #	97
41) Tetrahydrofuran	5.549	42	940519	11.170	ppbv	99
42) Bromodichloromethane	7.240	83	1854610	10.310	ppbv	100
43) Methyl Methacrylate	7.465	69	916154	11.489	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3916909	10.160	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	816302	12.697	ppbv	99

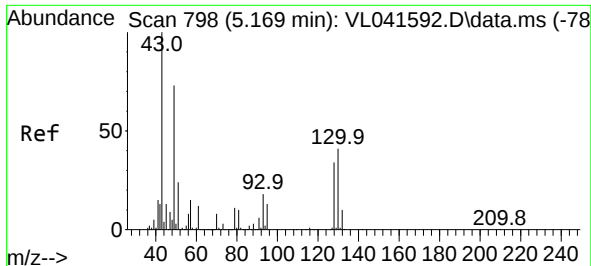
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041601.D
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 Operator : SY/MD
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Quant Time: Sep 19 01:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant 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

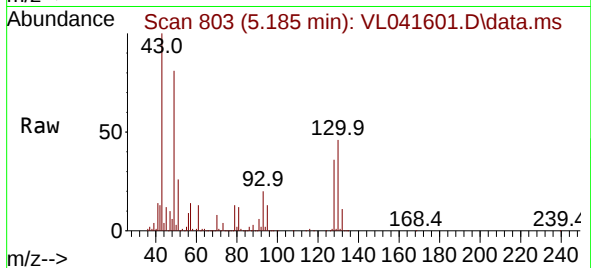
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1139357	12.096	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	973665	10.116	ppbv	99
48) Dibromochloromethane	9.703	129	1597346	10.953	ppbv	99
49) Bromoform	12.400	173	1390368	11.106	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2573409	10.892	ppbv	100
51) 2-Hexanone	9.542	43	2058868	11.520	ppbv	100
52) Tetrachloroethene	10.606	164	868142	10.759	ppbv	98
53) Toluene	9.214	91	2687707	11.362	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1304646	11.007	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	1174008	9.667	ppbv	98
57) Chlorobenzene	11.519	112	2106729	9.393	ppbv	99
58) Ethyl Benzene	12.079	91	3644079	10.943	ppbv	98
59) m/p-Xylene	12.365	91	3013080	10.167	ppbv #	28
60) o-Xylene	13.050	91	2949502	10.380	ppbv	99
61) Styrene	12.889	104	1446412	12.185	ppbv	100
62) Isopropylbenzene	14.018	105	4295725	9.979	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1399331	9.632	ppbv	99
64) n-propylbenzene	14.908	120	1163729	10.467	ppbv	99
65) tert-Butylbenzene	16.082	119	3881352	9.836	ppbv	99
66) Benzyl Chloride	16.317	91	210631	10.268	ppbv	100
67) sec-Butylbenzene	16.629	105	5423308	9.906	ppbv	100
69) p-Isopropyltoluene	16.985	119	4552021	10.272	ppbv	99
70) n-Butylbenzene	17.876	91	4680037	10.082	ppbv	99
71) 2-Chlorotoluene	14.789	91	3243345	10.240	ppbv	99
72) 4-Ethyltoluene	15.182	105	3543918	10.670	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	3032687	10.340	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	3382442	9.853	ppbv	99
75) 1,3-Dichlorobenzene	16.320	146	2085381	9.693	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	2059008	9.987	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	2033227	9.573	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1515419	8.649	ppbv	100
79) Naphthalene	21.371	128	3186137	12.611	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	2359812	13.329	ppbv	99
81) 1,2,4-Trichlorobenzene	21.127	180	1691433	10.530	ppbv	99

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

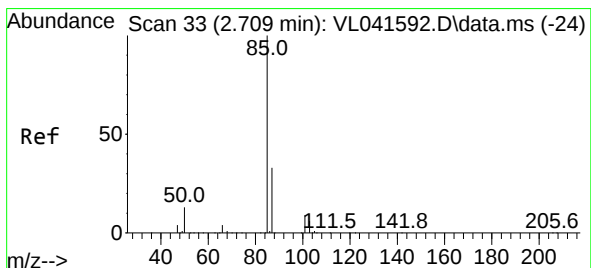
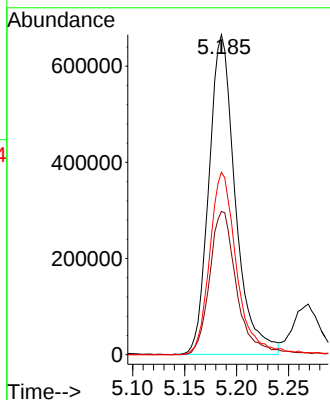
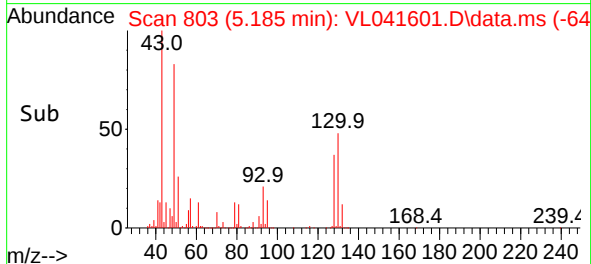


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :

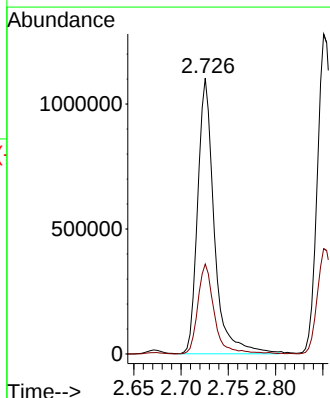
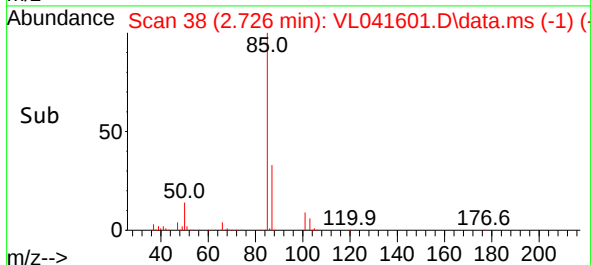
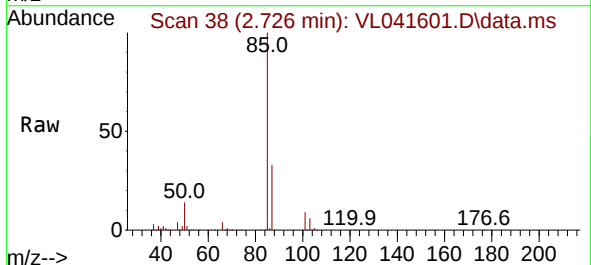


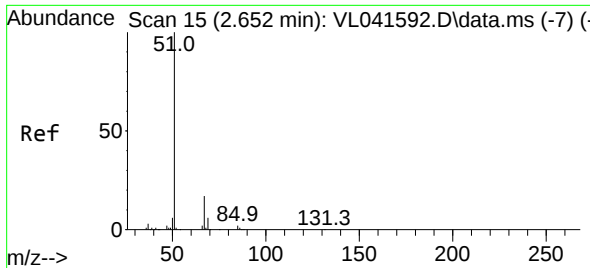
Tgt Ion: 49 Resp: 1176243
Ion Ratio Lower Upper
49 100
128 46.5 23.8 71.5
130 59.2 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 7.913 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

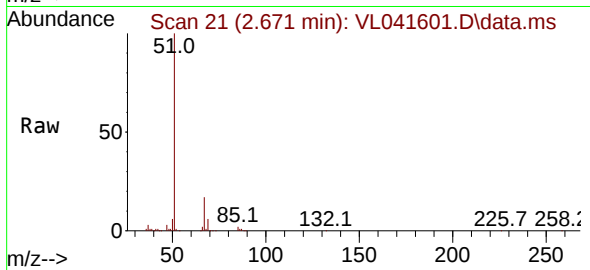
Tgt Ion: 85 Resp: 1344207
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



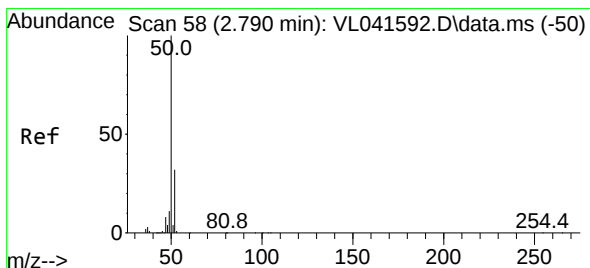
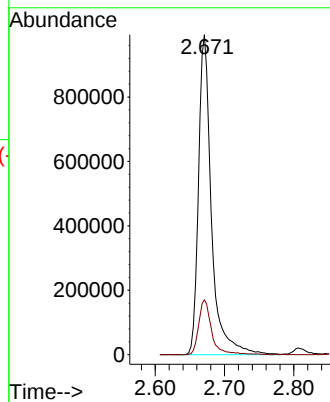
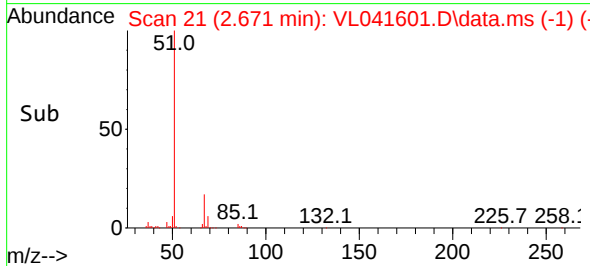


#3
Chlorodifluoromethane
Concen: 9.085 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :

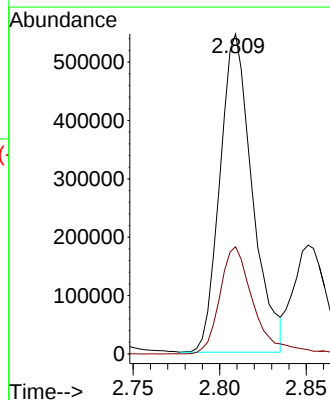
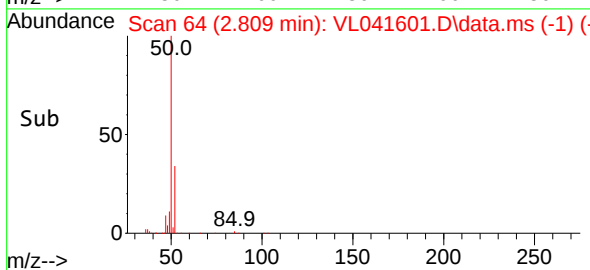
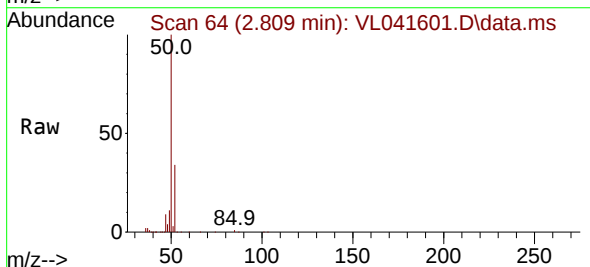


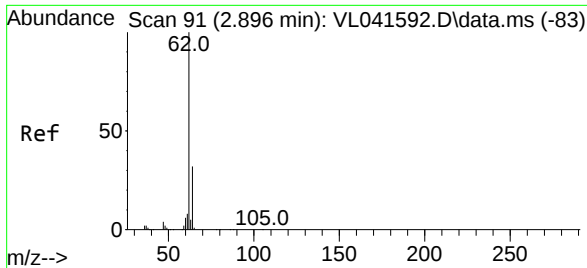
Tgt Ion: 51 Resp: 1296141
Ion Ratio Lower Upper
51 100
67 17.2 14.1 21.1



#4
Chloromethane
Concen: 9.028 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 50 Resp: 708455
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2

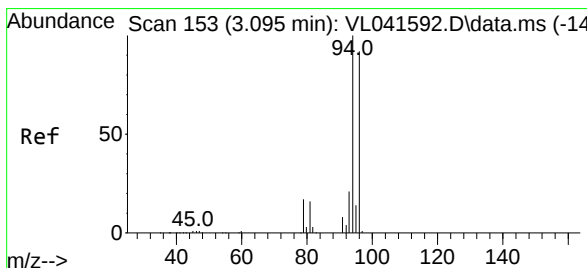
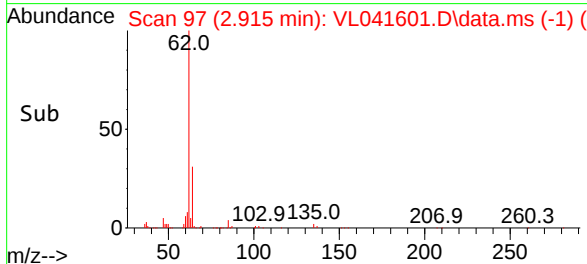
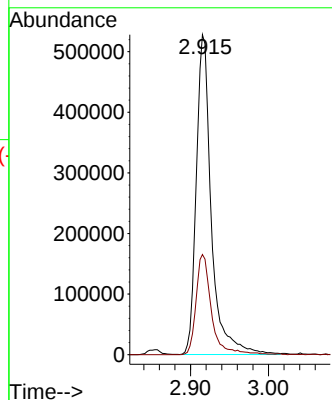
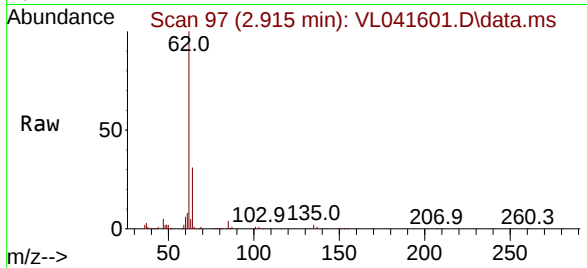




#5
 Vinyl Chloride
 Concen: 10.390 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.019 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

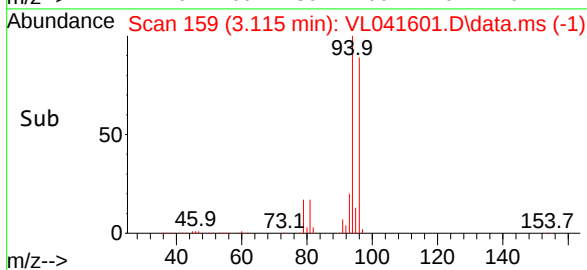
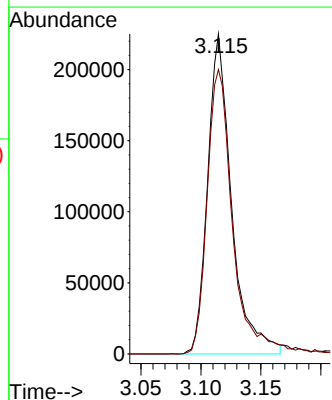
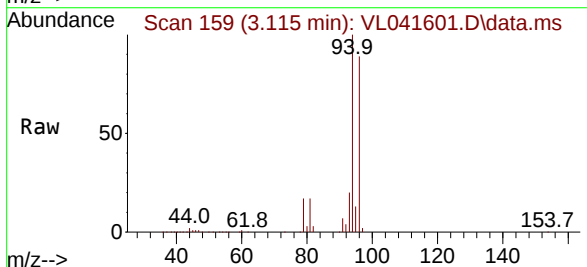
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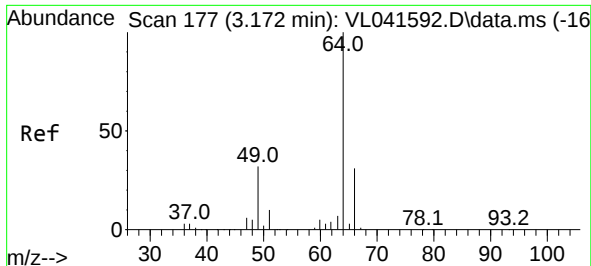
Tgt Ion: 62 Resp: 705961
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.0 39.0



#6
 Bromomethane
 Concen: 9.223 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.019 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

Tgt Ion: 94 Resp: 311784
 Ion Ratio Lower Upper
 94 100
 96 88.9 73.4 110.2

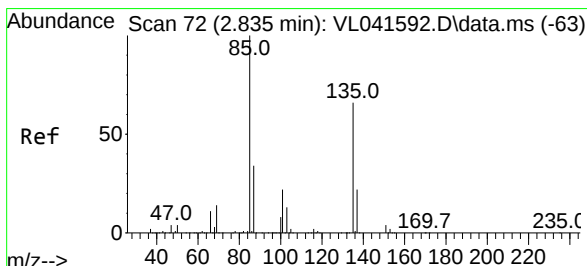
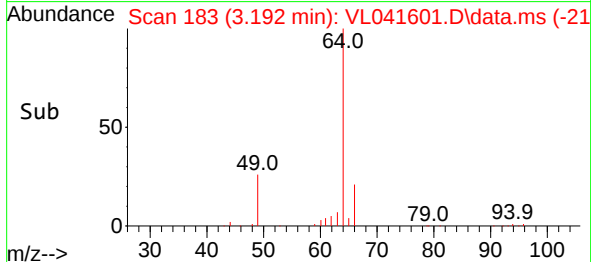
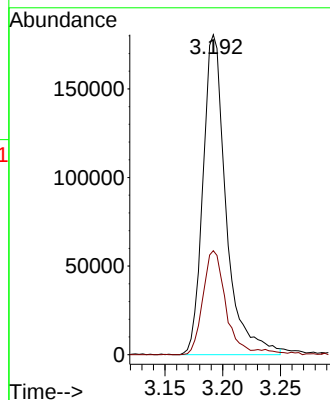
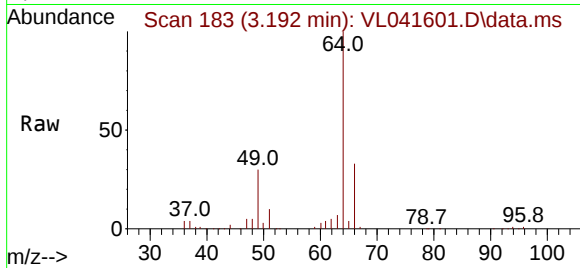




#7
Chloroethane
Concen: 9.499 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

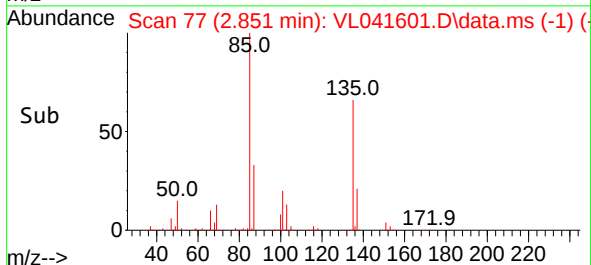
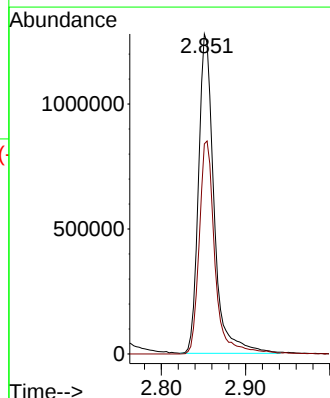
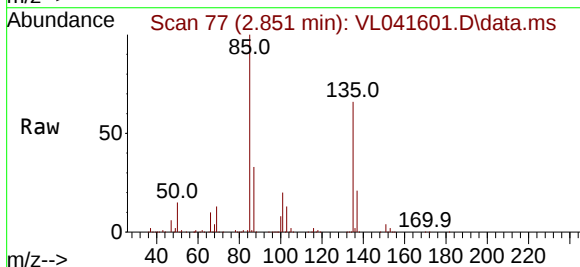
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MSVOA_L
ClientSampleId :

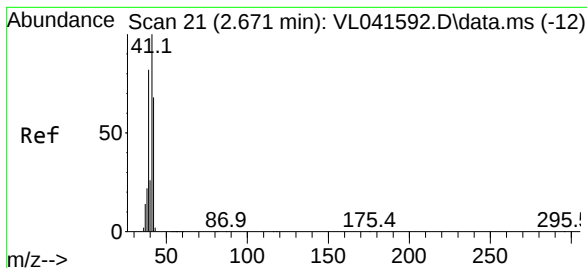
Tgt Ion: 64 Resp: 251005
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.238 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 85 Resp: 1646174
Ion Ratio Lower Upper
85 100
135 67.6 53.9 80.9





#9

Propene

Concen: 10.170 ppbv

RT: 2.690 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

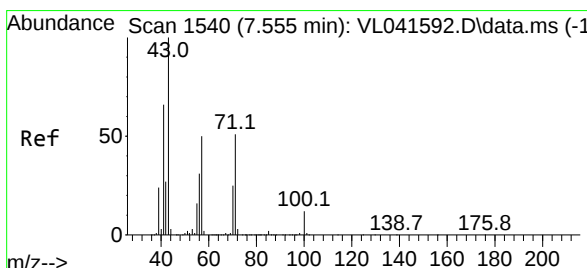
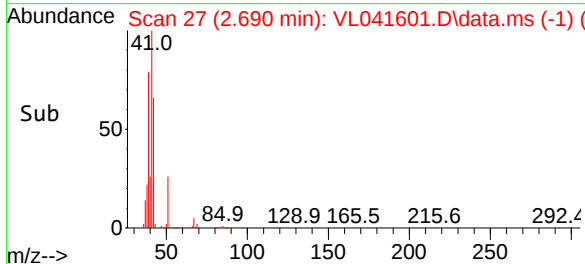
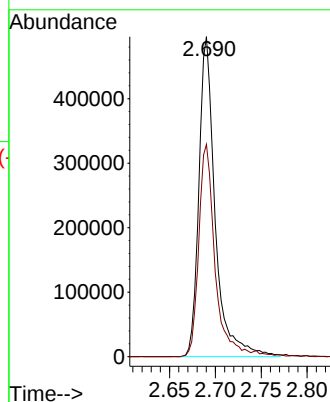
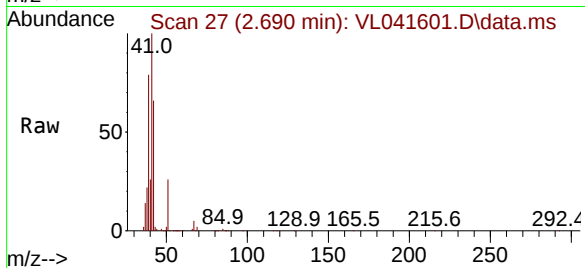
ClientSampleId :

Tgt Ion: 41 Resp: 612014

Ion Ratio Lower Upper

41 100

42 67.4 55.2 82.8



#10

Heptane

Concen: 10.495 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. 0.016 min

Lab File: VL041601.D

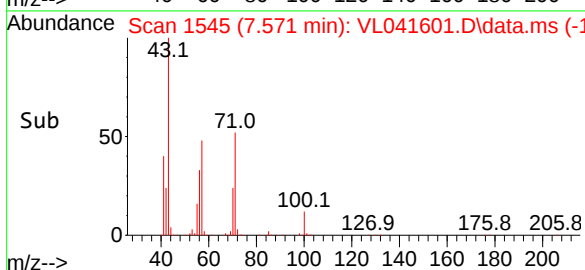
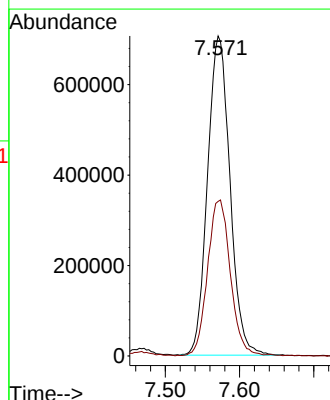
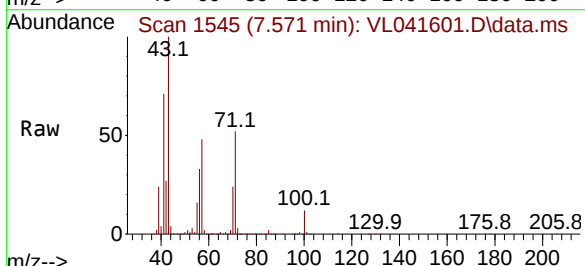
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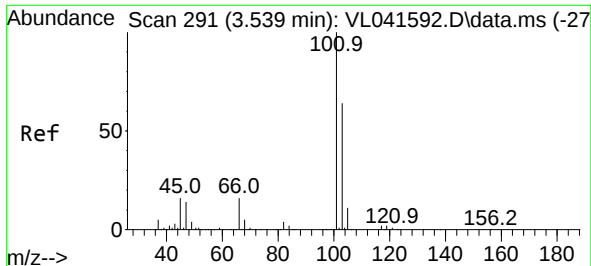
Tgt Ion: 43 Resp: 1478682

Ion Ratio Lower Upper

43 100

57 49.9 39.8 59.8

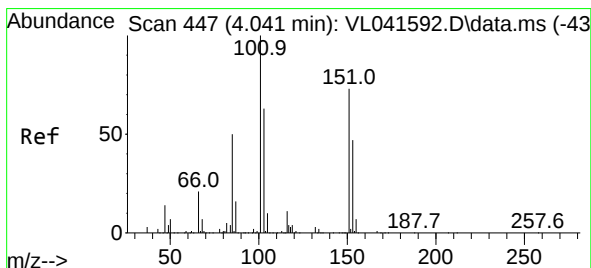
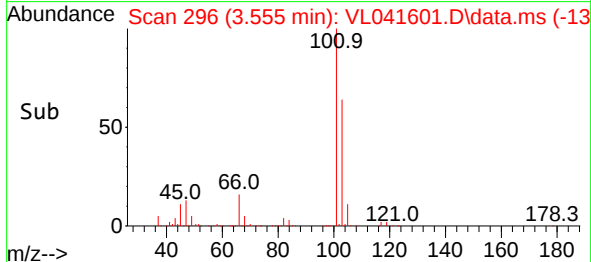
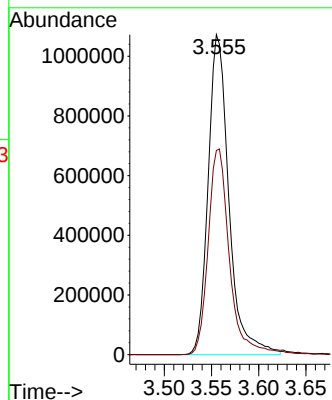
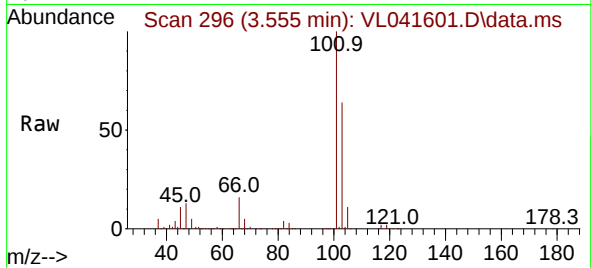




#11
 Trichlorofluoromethane
 Concen: 9.069 ppbv
 RT: 3.555 min Scan# 291
 Delta R.T. 0.016 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

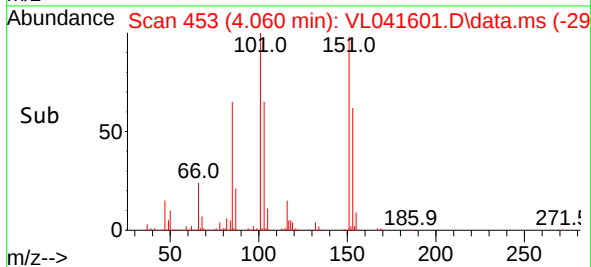
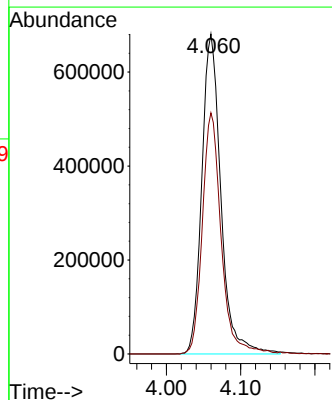
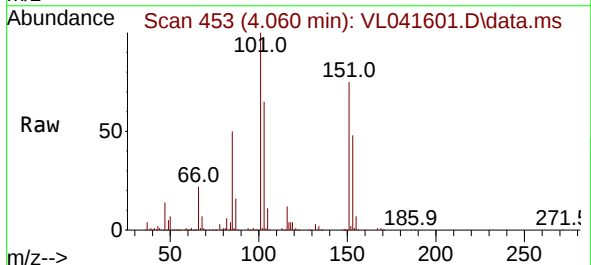
Instrument :
 MSVOA_L
 ClientSampleId :

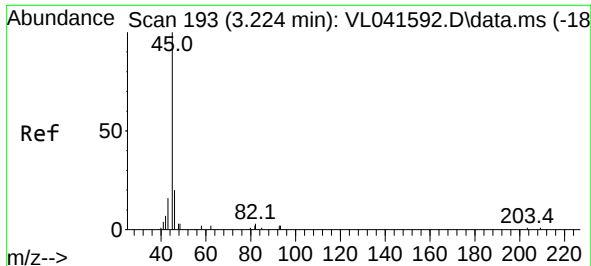
Tgt Ion:101 Resp: 1639385
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.273 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.019 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

Tgt Ion:101 Resp: 1214036
 Ion Ratio Lower Upper
 101 100
 151 74.6 59.4 89.2

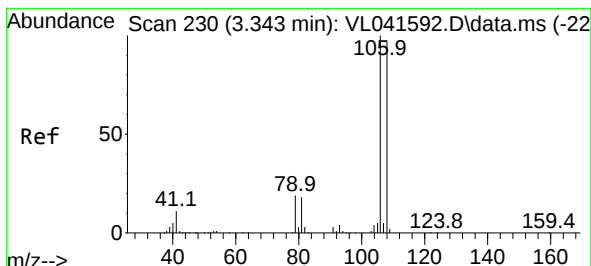
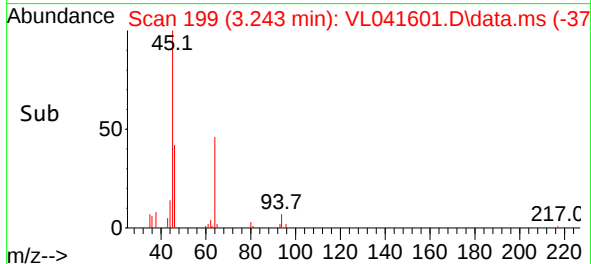
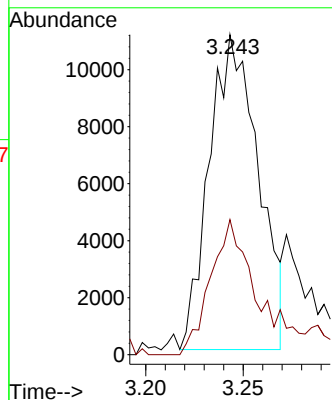
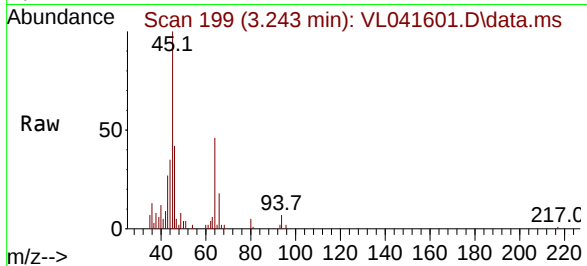




#13
 Ethanol
 Concen: 4.282 ppbv
 RT: 3.243 min Scan# 193
 Delta R.T. 0.019 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

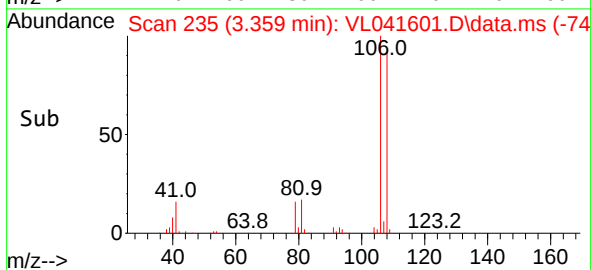
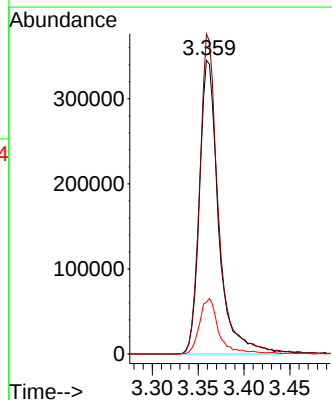
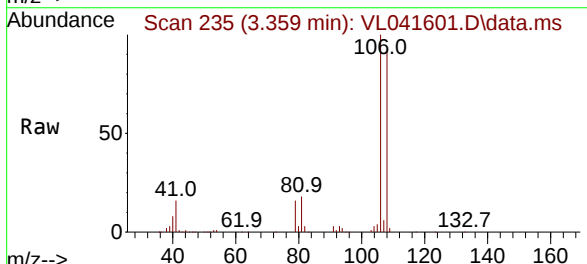
Instrument :
 MSVOA_L
 ClientSampleId :

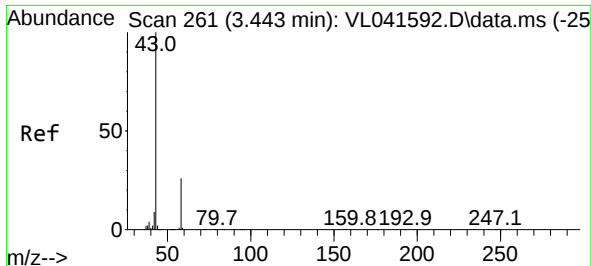
Tgt Ion: 45 Resp: 19371
 Ion Ratio Lower Upper
 45 100
 46 46.7 15.2 60.8



#14
 Bromoethene
 Concen: 10.060 ppbv
 RT: 3.359 min Scan# 235
 Delta R.T. 0.016 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

Tgt Ion: 108 Resp: 499377
 Ion Ratio Lower Upper
 108 100
 106 107.7 86.5 129.7
 79 19.8 16.2 24.4

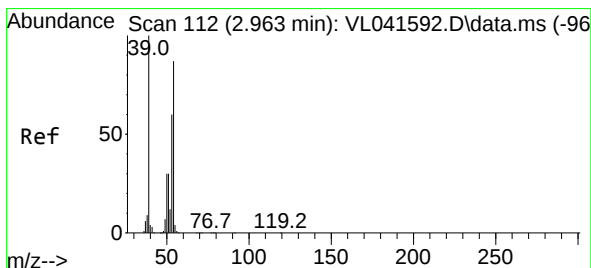
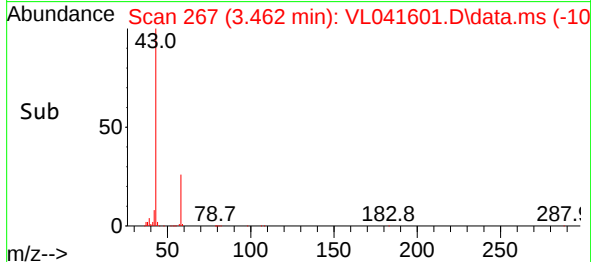
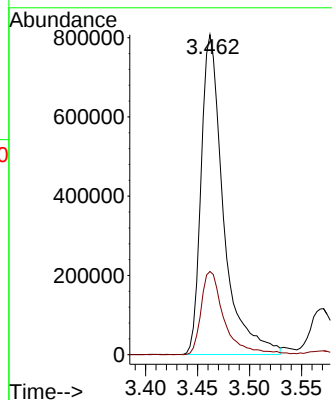
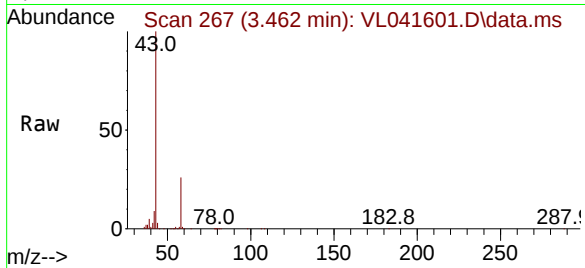




#15
Acetone
Concen: 8.186 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

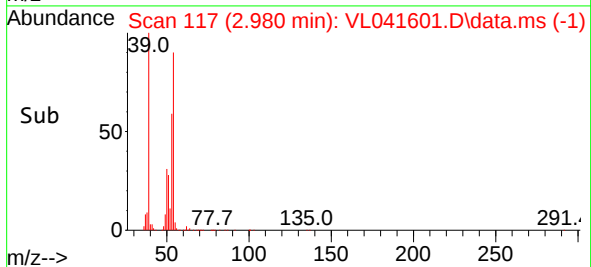
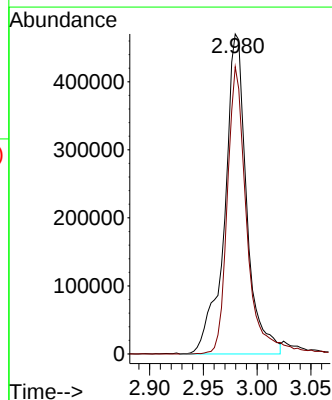
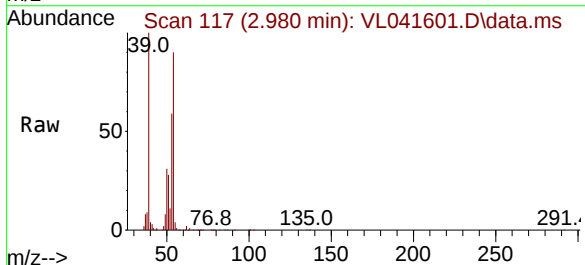
Instrument :
MSVOA_L
ClientSampleId :

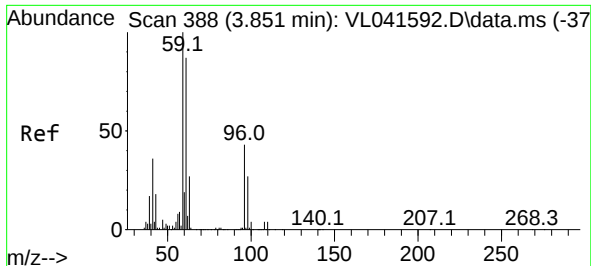
Tgt Ion: 43 Resp: 1208787
Ion Ratio Lower Upper
43 100
58 27.0 21.5 32.3



#16
1,3-Butadiene
Concen: 9.376 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 39 Resp: 673454
Ion Ratio Lower Upper
39 100
54 80.0 62.9 94.3

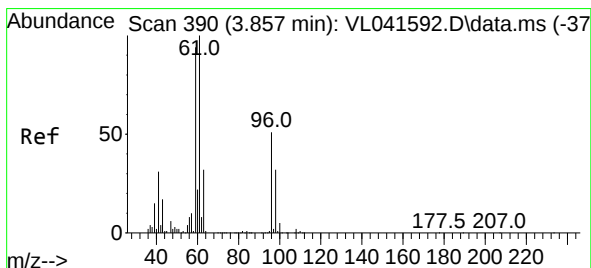
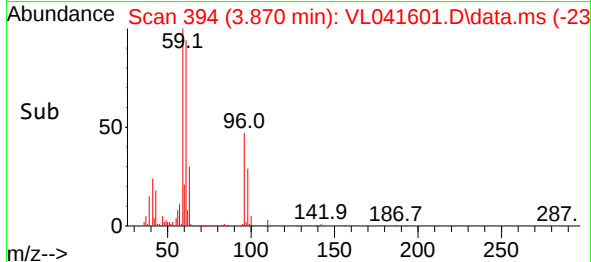
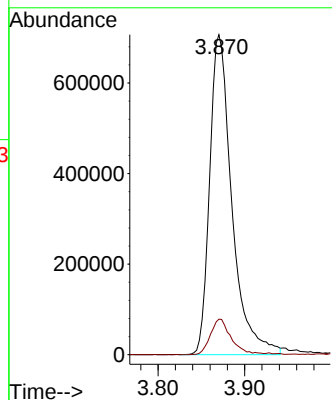
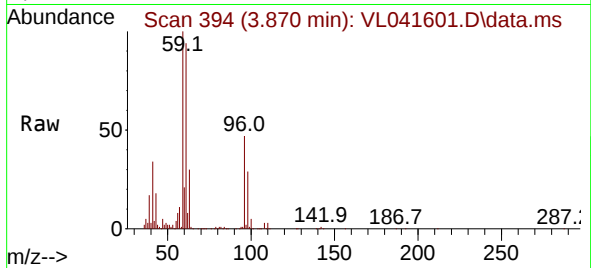




#17
tert-Butyl alcohol
Concen: 9.716 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

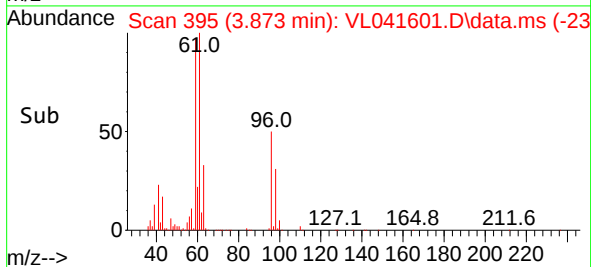
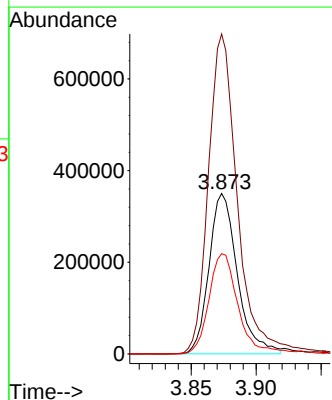
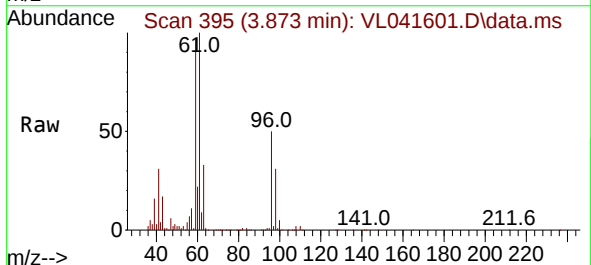
Instrument :
MSVOA_L
ClientSampleId :

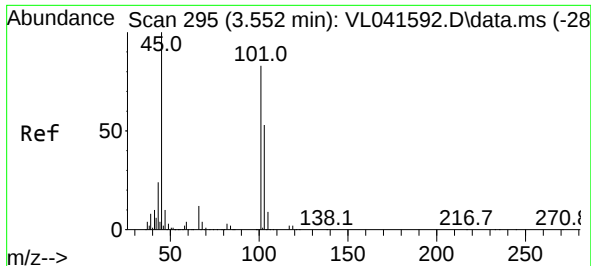
Tgt Ion: 59 Resp: 1261877
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.571 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 96 Resp: 530425
Ion Ratio Lower Upper
96 100
61 199.1 155.6 233.4
98 62.5 50.6 75.8





#19

Isopropyl Alcohol

Concen: 9.466 ppbv

RT: 3.568 min Scan# 30

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

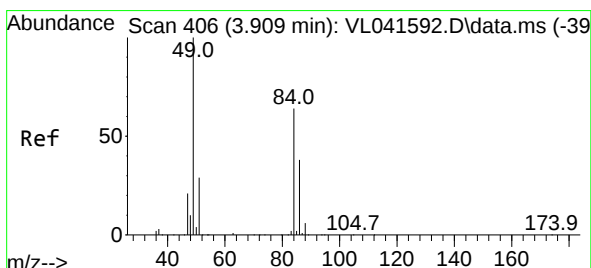
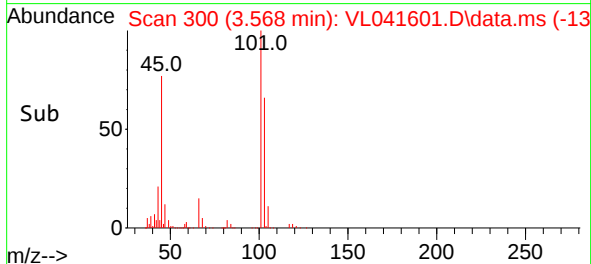
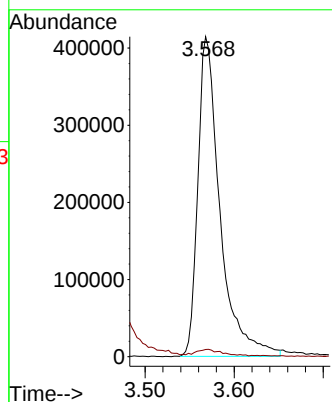
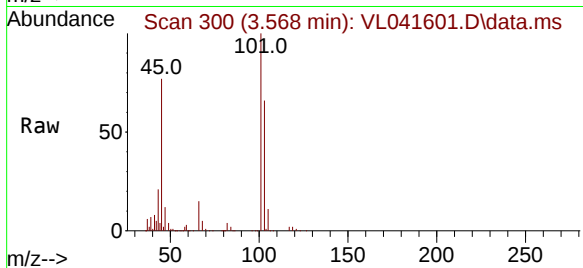
ClientSampleId :

Tgt Ion: 45 Resp: 715591

Ion Ratio Lower Upper

45 100

58 3.2 2.1 3.1#



#20

Methylene Chloride

Concen: 8.119 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Tgt Ion: 84 Resp: 450417

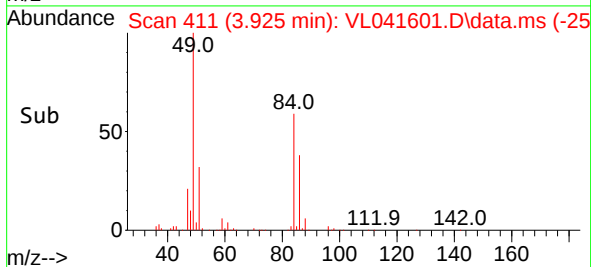
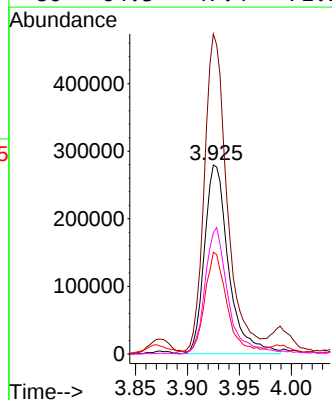
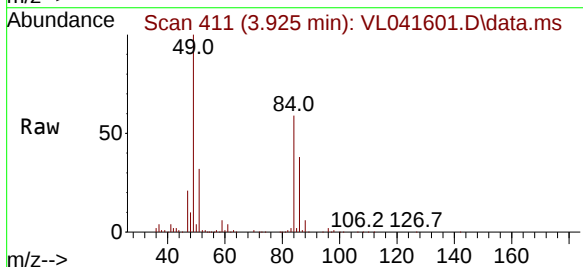
Ion Ratio Lower Upper

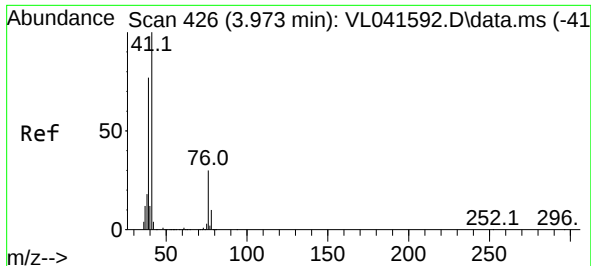
84 100

49 167.7 124.3 186.5

51 52.5 36.3 54.5

86 64.3 47.4 71.2

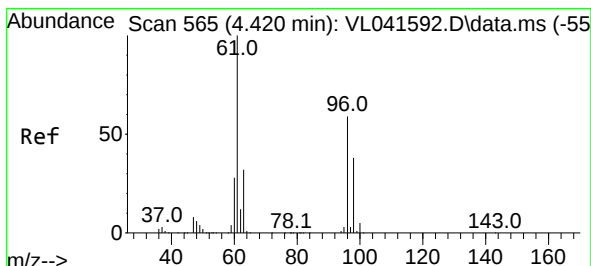
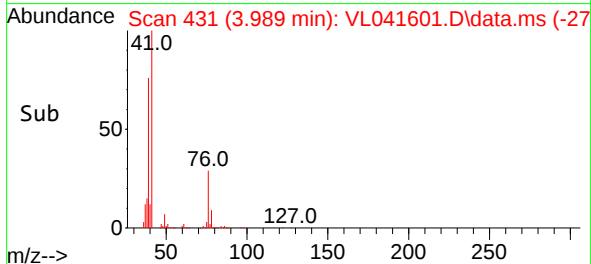
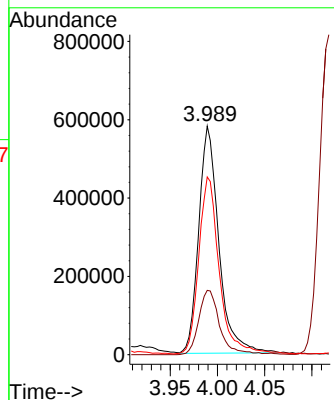
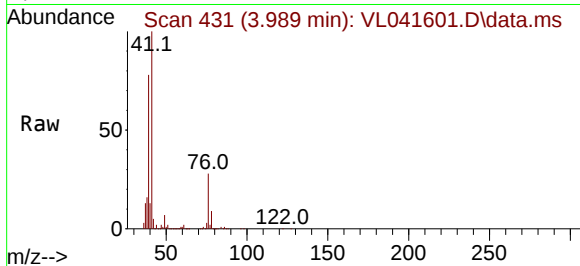




#21
 Allyl Chloride
 Concen: 10.028 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

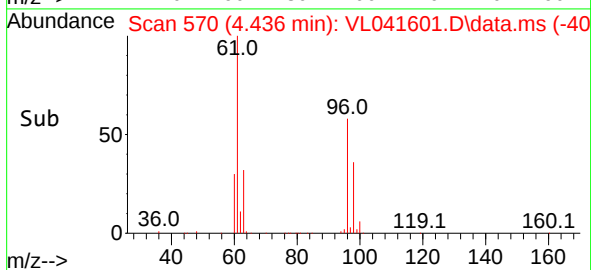
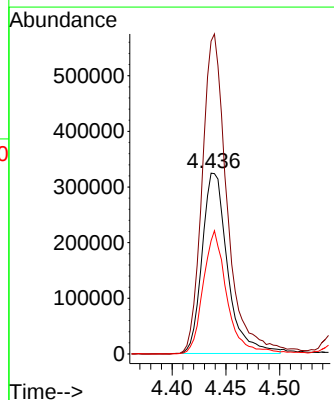
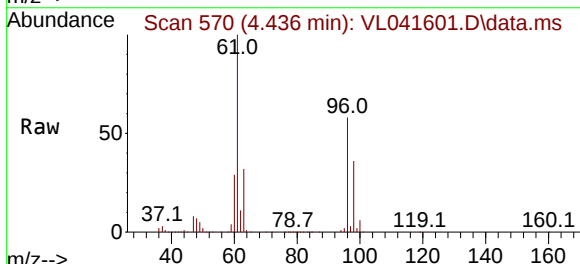
Instrument :
 MSVOA_L
 ClientSampleId :

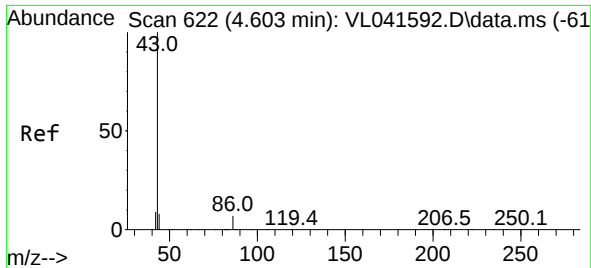
Tgt Ion: 41 Resp: 858301
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.8 35.6
 39 79.5 63.9 95.9



#22
 trans-1,2-Dichloroethene
 Concen: 9.671 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.016 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

Tgt Ion: 96 Resp: 534697
 Ion Ratio Lower Upper
 96 100
 61 173.1 135.7 203.5
 98 62.5 50.9 76.3



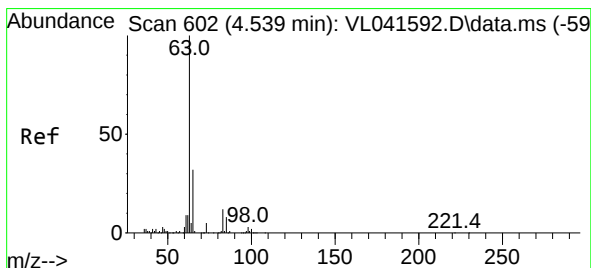
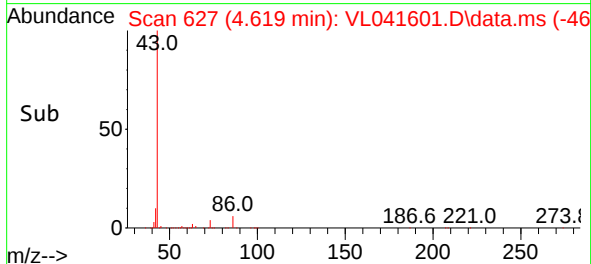
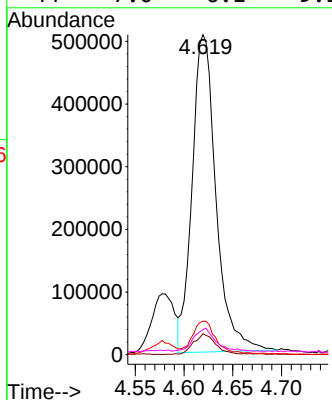
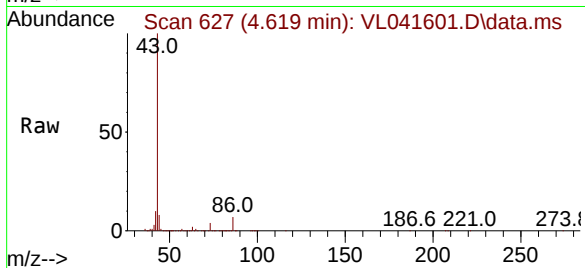


#23
Vinyl Acetate
Concen: 10.637 ppbv
RT: 4.619 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Instrument :
MSVOA_1
ClientSampleId :

Tgt Ion: 43 Resp: 863997

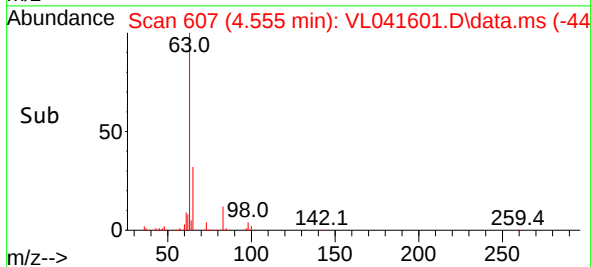
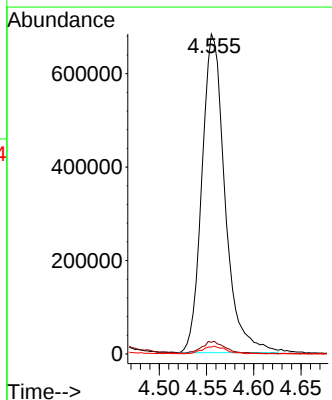
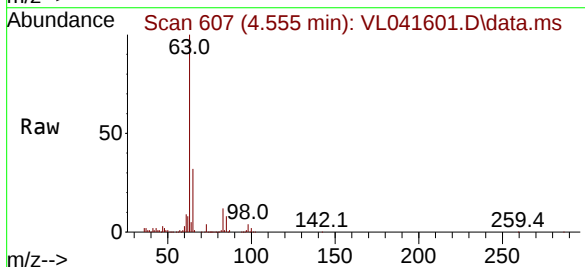
Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.9	7.3
42	10.3	8.0	12.0
44	7.0	6.1	9.1

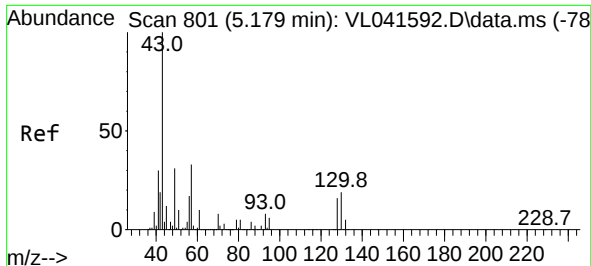


#24
1,1-Dichloroethane
Concen: 9.499 ppbv
RT: 4.555 min Scan# 607
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 63 Resp: 1158084

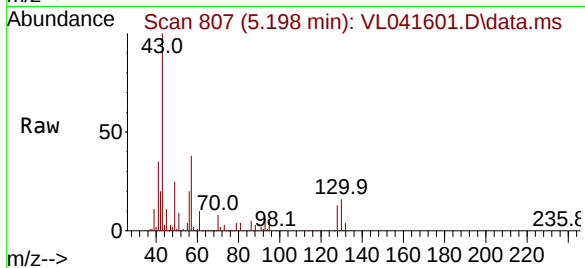
Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.7	5.1
100	2.2	1.1	3.3





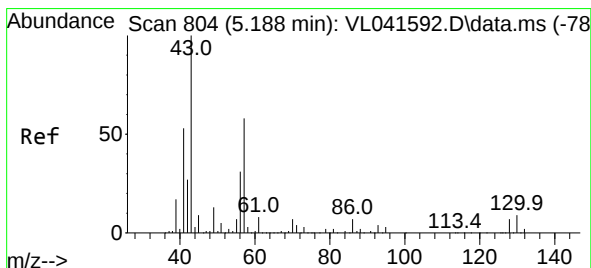
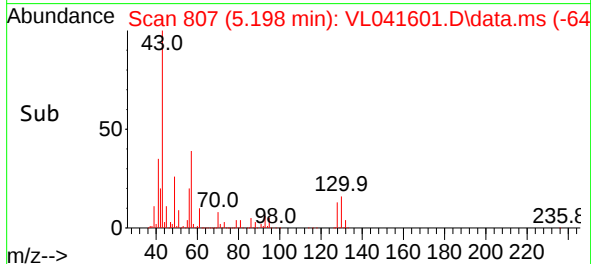
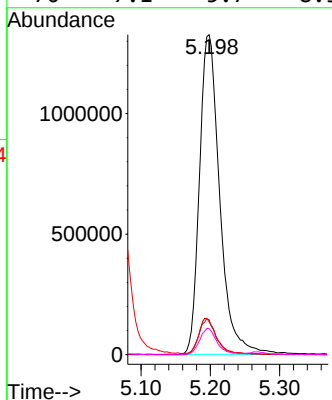
#25
Ethyl Acetate
Concen: 10.134 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2686598

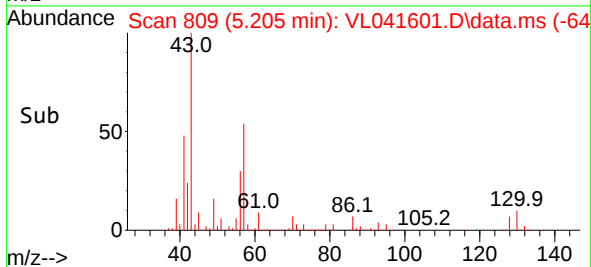
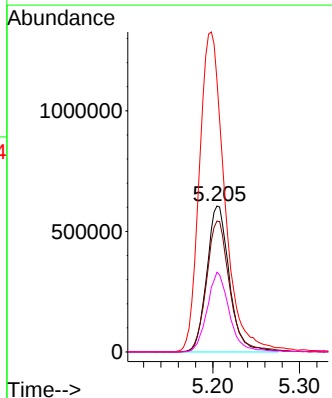
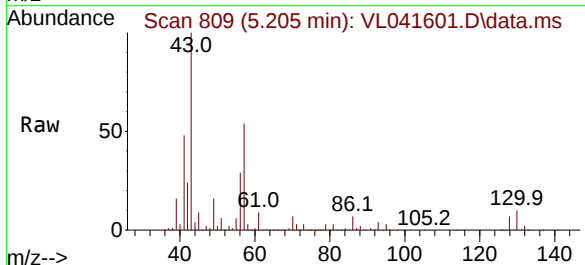
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.2	8.0	12.0
70	7.1	5.7	8.5

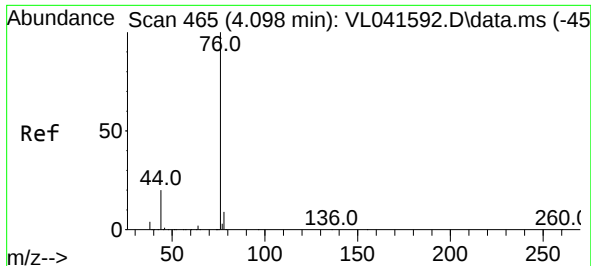


#26
Hexane
Concen: 9.896 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 57 Resp: 1094009

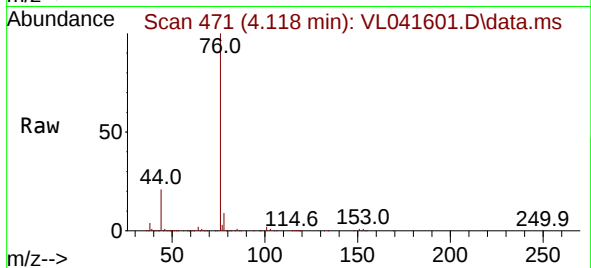
Ion	Ratio	Lower	Upper
57	100		
41	92.9	75.7	113.5
43	247.5	198.5	297.7
56	54.3	44.1	66.1



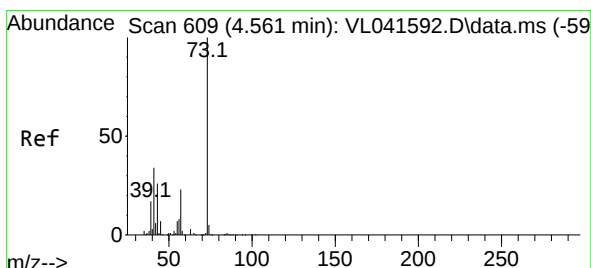
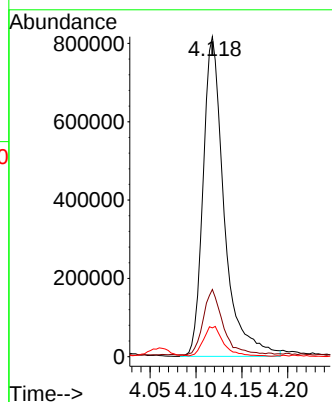
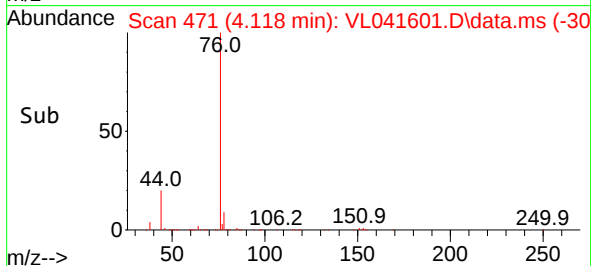


#27
Carbon Disulfide
Concen: 11.142 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :

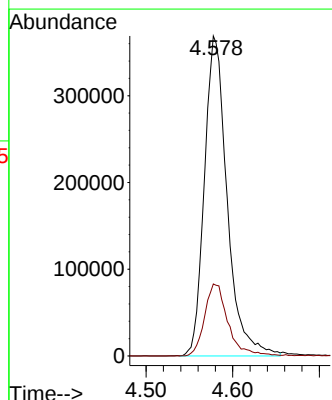
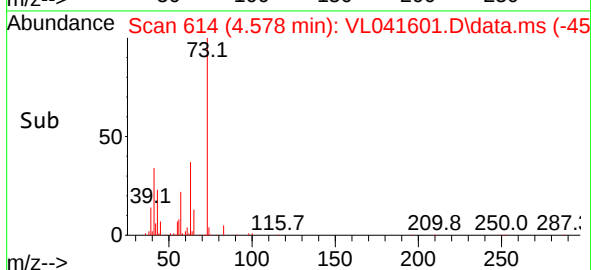
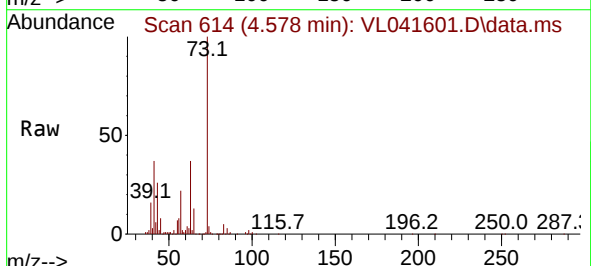


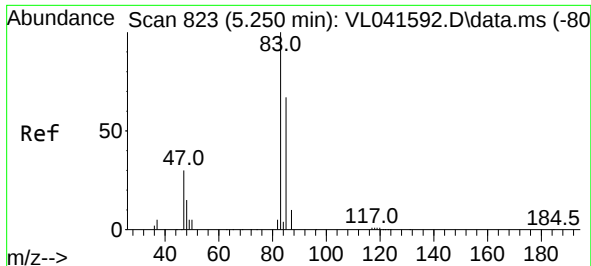
Tgt Ion: 76 Resp: 1309474
Ion Ratio Lower Upper
76 100
44 20.4 15.8 23.8
78 9.3 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.883 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 73 Resp: 673643
Ion Ratio Lower Upper
73 100
57 23.3 19.3 28.9





#29

Chloroform

Concen: 9.411 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

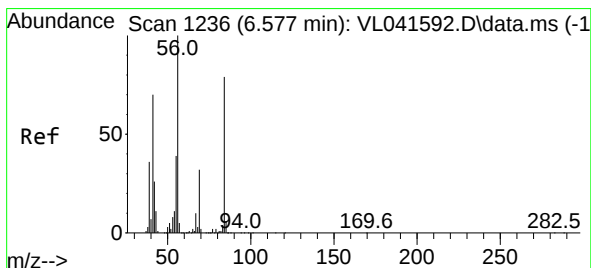
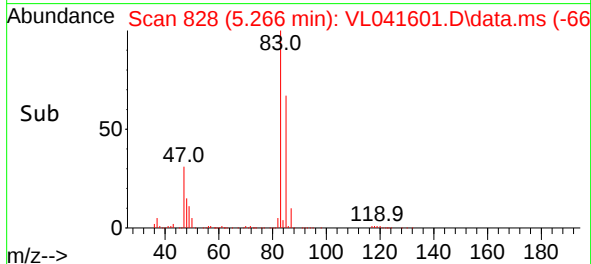
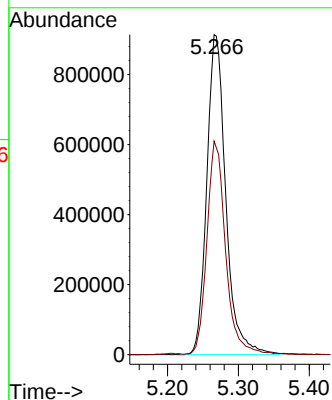
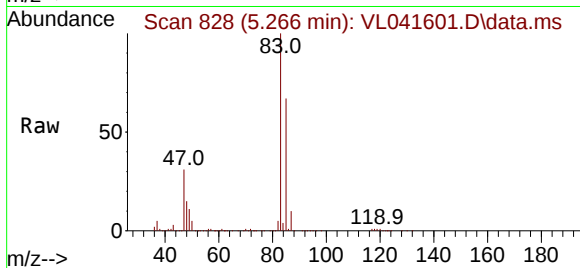
ClientSampleId :

Tgt Ion: 83 Resp: 1702540

Ion Ratio Lower Upper

83 100

85 66.5 53.8 80.6



#30

Cyclohexane

Concen: 10.695 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

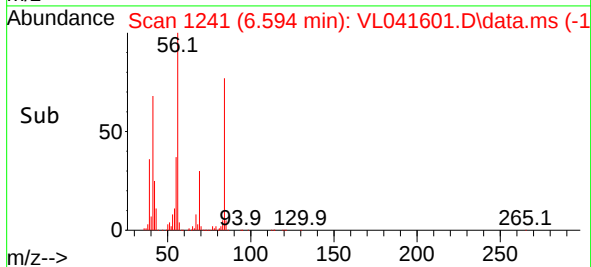
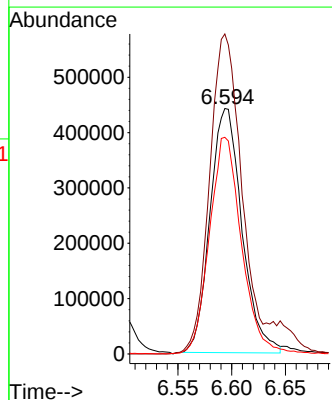
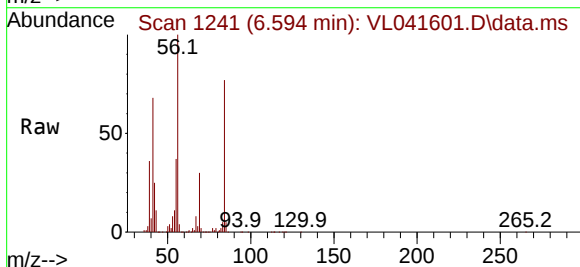
Tgt Ion: 84 Resp: 911409

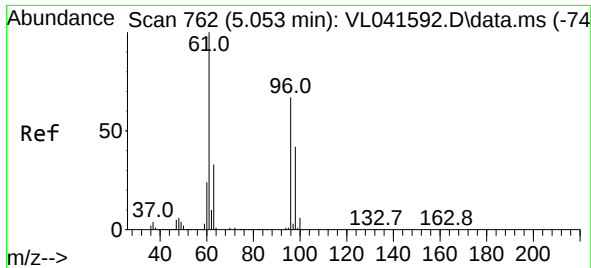
Ion Ratio Lower Upper

84 100

56 141.8 111.5 167.3

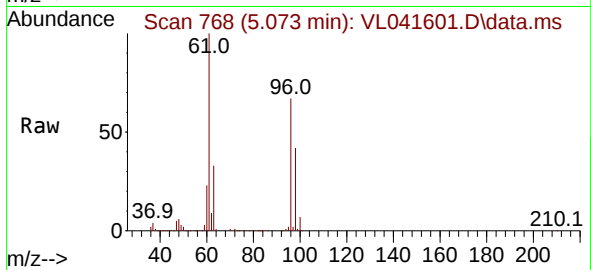
41 89.4 70.9 106.3



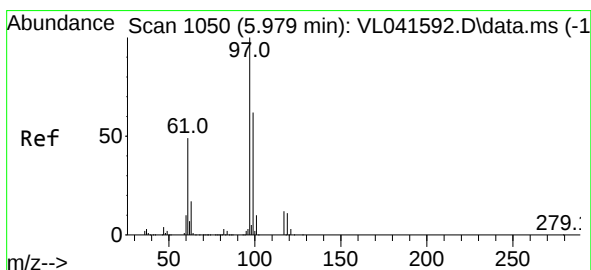
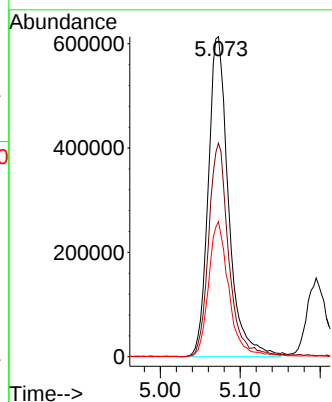
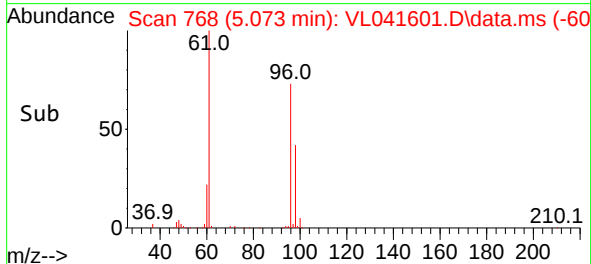


#31
 cis-1,2-Dichloroethene
 Concen: 10.310 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. 0.019 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46

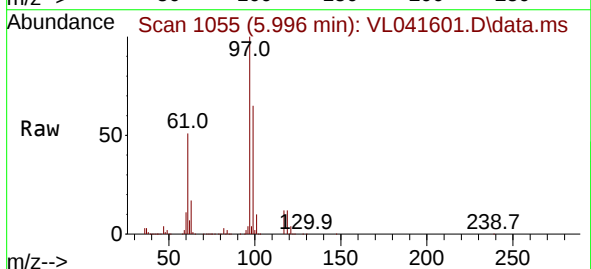
Instrument :
 MSVOA_L
 ClientSampleId :



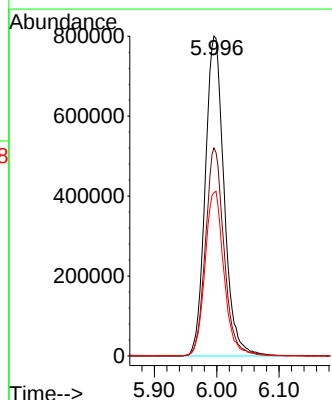
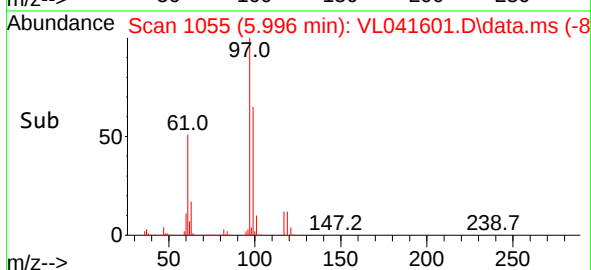
Tgt Ion: 61 Resp: 1082135
 Ion Ratio Lower Upper
 61 100
 96 66.7 53.5 80.3
 98 42.2 33.7 50.5

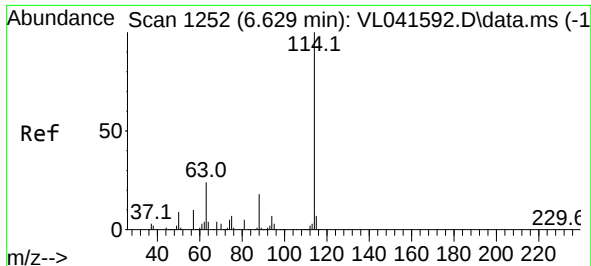


#32
 1,1,1-Trichloroethane
 Concen: 10.433 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.016 min
 Lab File: VL041601.D
 Acq: 18 Sep 2024 8:46



Tgt Ion: 97 Resp: 1681151
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.4
 61 51.9 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

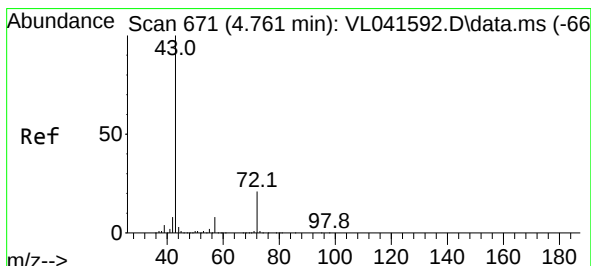
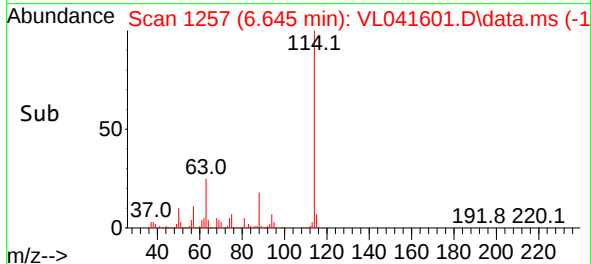
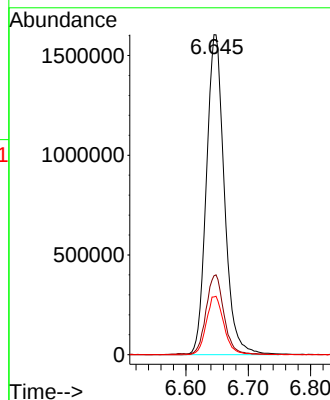
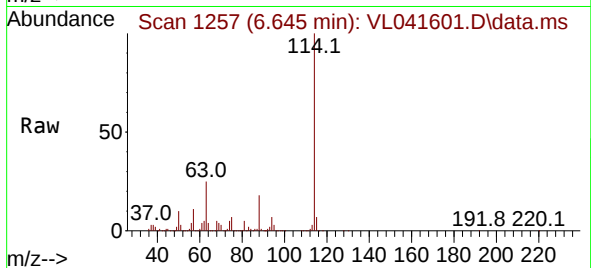
Tgt Ion:114 Resp: 3208665

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

88 18.0 14.2 21.4



#34

2-Butanone

Concen: 9.970 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.019 min

Lab File: VL041601.D

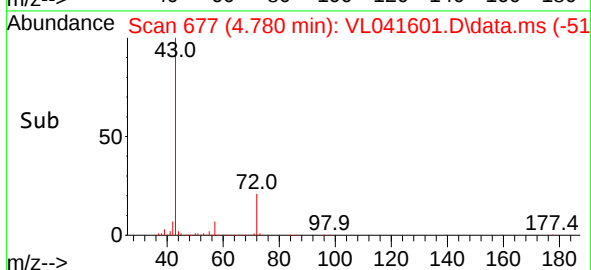
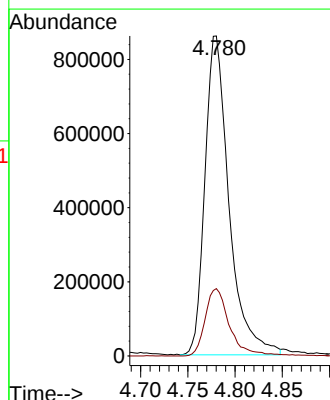
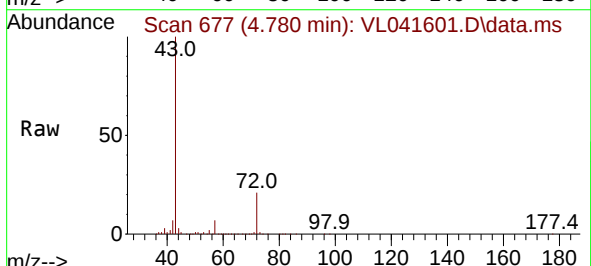
Acq: 18 Sep 2024 8:46

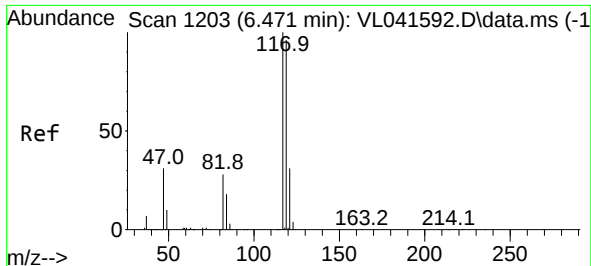
Tgt Ion: 43 Resp: 1525364

Ion Ratio Lower Upper

43 100

72 21.7 16.8 25.2

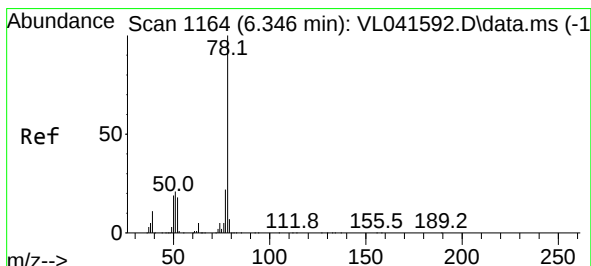
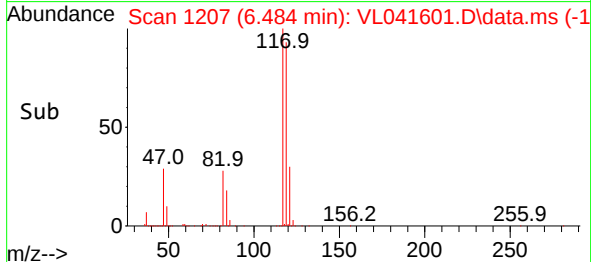
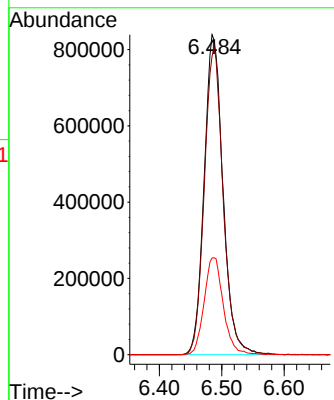
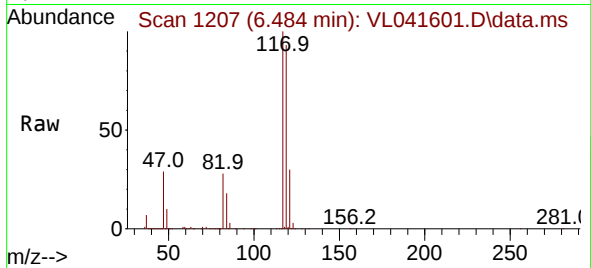




#35
Carbon Tetrachloride
Concen: 11.193 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

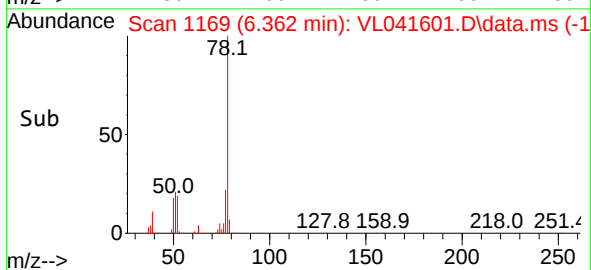
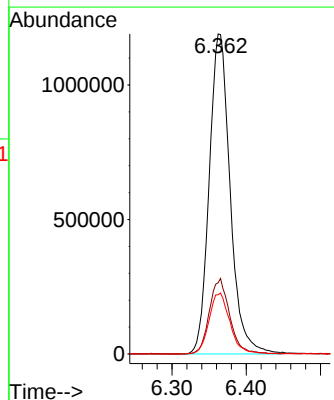
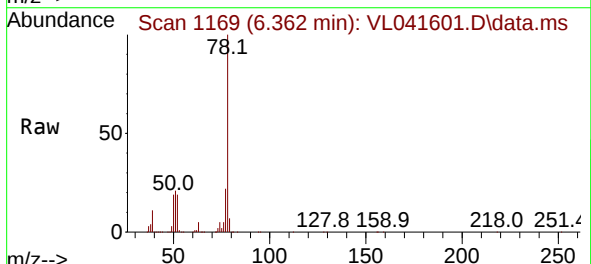
Instrument :
MSVOA_L
ClientSampleId :

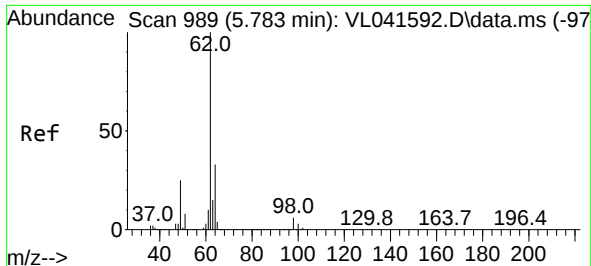
Tgt Ion:117 Resp: 1762225
Ion Ratio Lower Upper
117 100
119 93.2 76.8 115.2
121 30.2 25.0 37.6



#36
Benzene
Concen: 10.448 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 78 Resp: 2328102
Ion Ratio Lower Upper
78 100
77 22.2 17.8 26.6
50 18.5 15.4 23.0





#37

1,2-Dichloroethane

Concen: 9.922 ppbv

RT: 5.799 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

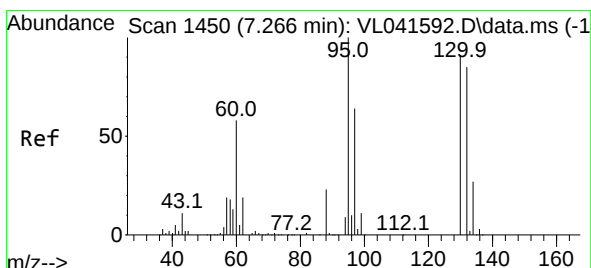
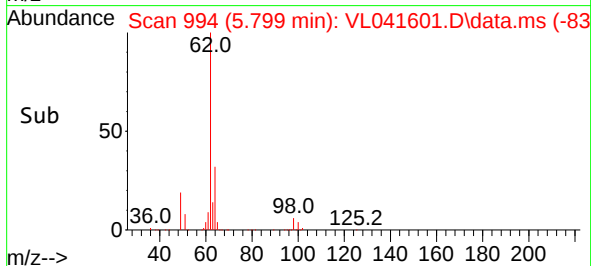
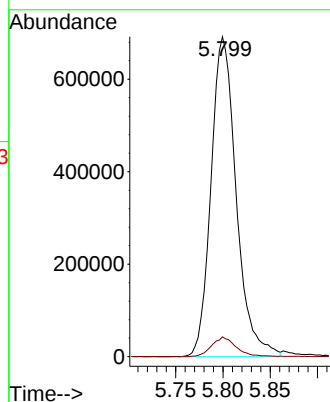
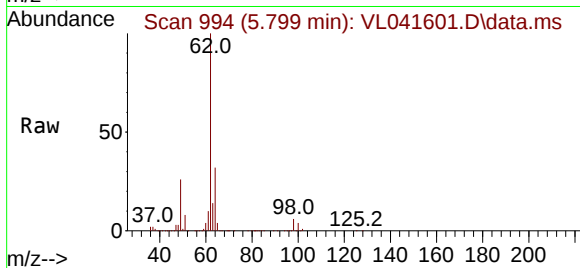
ClientSampleId :

Tgt Ion: 62 Resp: 1282907

Ion Ratio Lower Upper

62 100

98 6.1 4.8 7.2



#38

Trichloroethene

Concen: 10.874 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.019 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Tgt Ion:130 Resp: 1247903

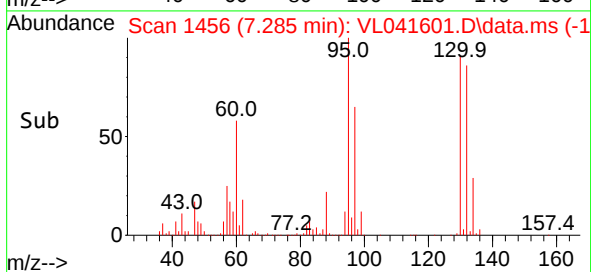
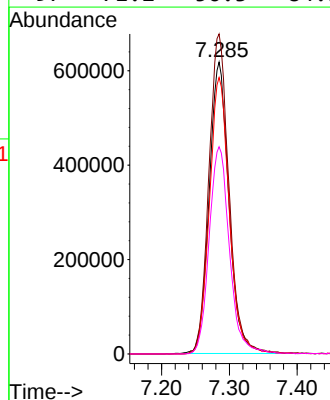
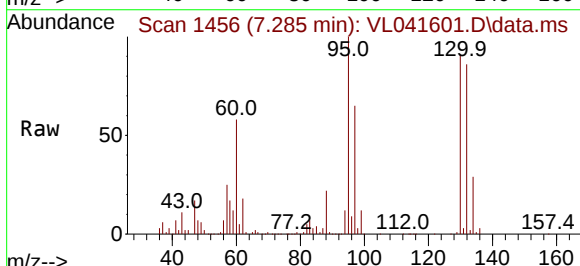
Ion Ratio Lower Upper

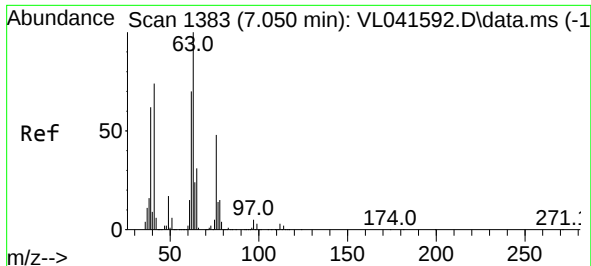
130 100

95 109.9 87.7 131.5

132 94.9 74.5 111.7

97 71.2 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.952 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

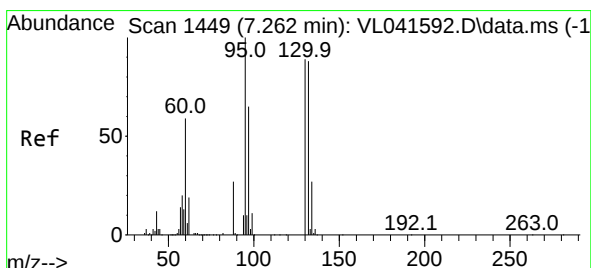
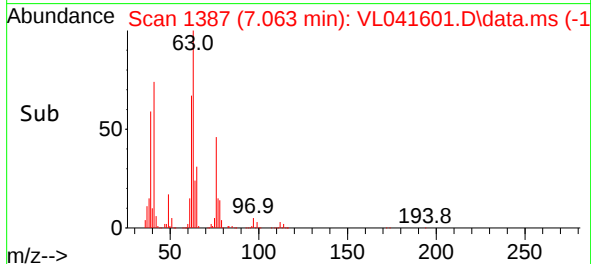
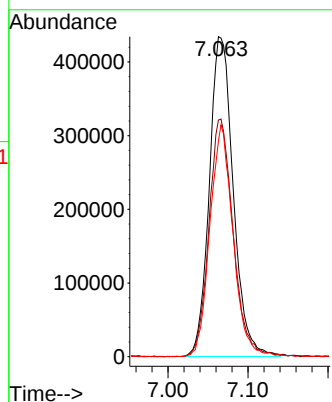
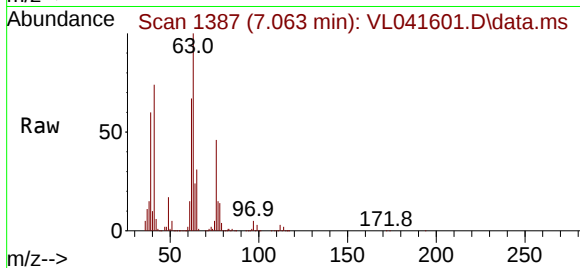
Tgt Ion: 63 Resp: 902201

Ion Ratio Lower Upper

63 100

41 73.9 59.5 89.3

62 67.4 56.2 84.2



#40

1,4-Dioxane

Concen: 10.982 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Tgt Ion: 88 Resp: 375300

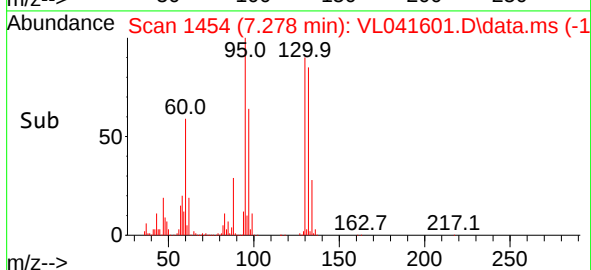
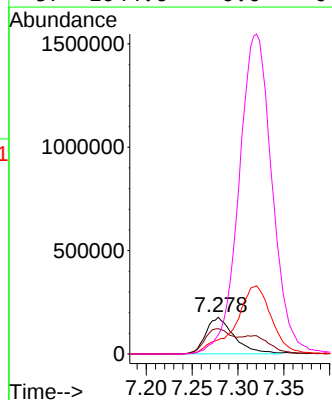
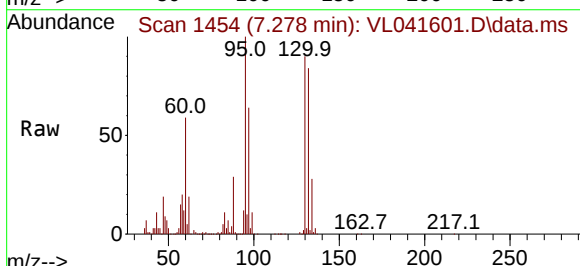
Ion Ratio Lower Upper

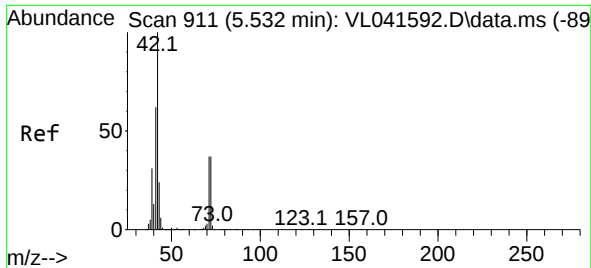
88 100

58 121.4 100.2 150.4

43 243.4 0.0 0.0#

57 1044.6 0.0 0.0#

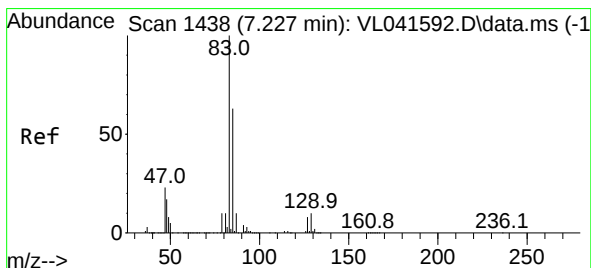
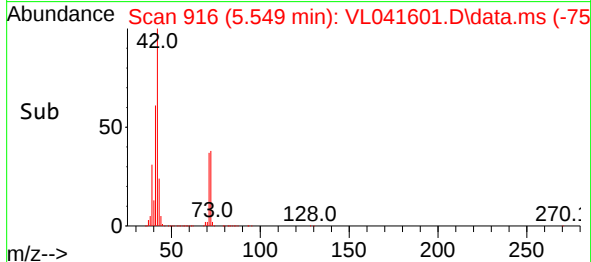
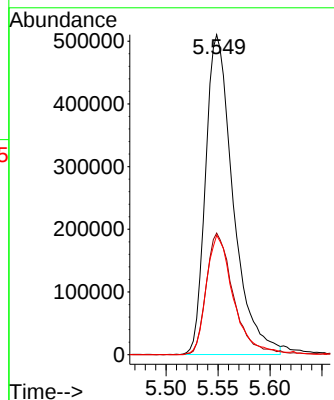
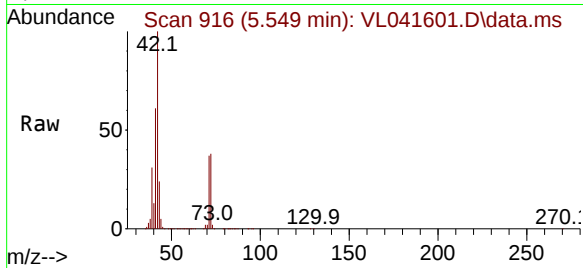




#41
Tetrahydrofuran
Concen: 11.170 ppbv
RT: 5.549 min Scan# 911
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

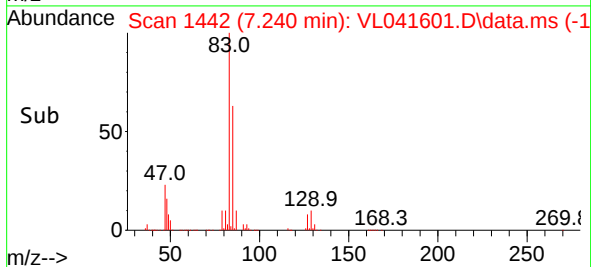
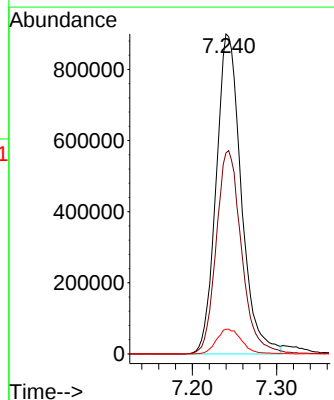
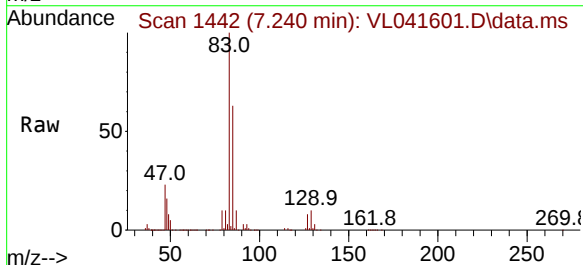
Instrument :
MSVOA_L
ClientSampleId :

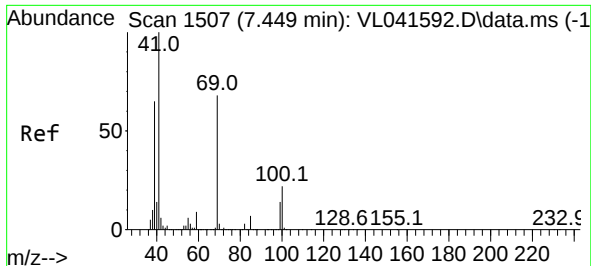
Tgt Ion: 42 Resp: 940519
Ion Ratio Lower Upper
42 100
72 38.1 30.2 45.2
71 37.3 29.6 44.4



#42
Bromodichloromethane
Concen: 10.310 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 83 Resp: 1854610
Ion Ratio Lower Upper
83 100
85 62.9 50.5 75.7
127 7.7 6.5 9.7

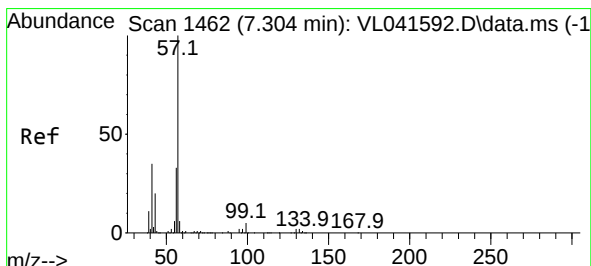
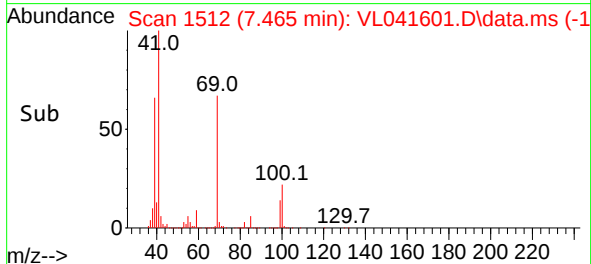
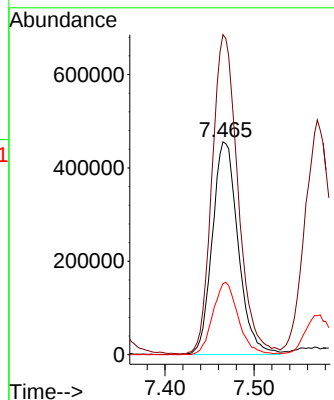
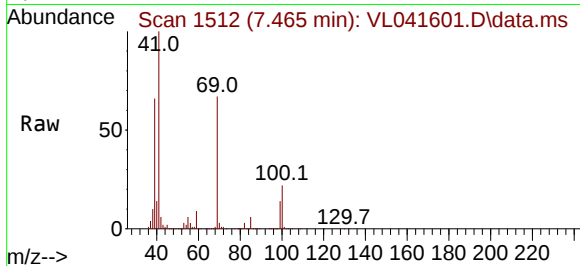




#43
Methyl Methacrylate
Concen: 11.489 ppbv
RT: 7.465 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

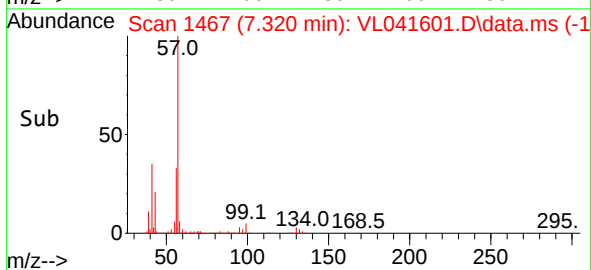
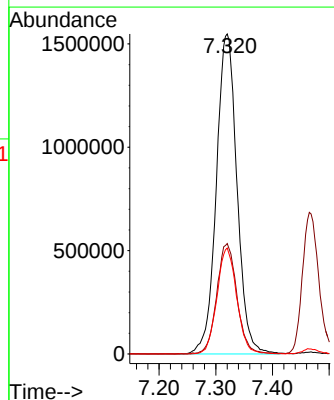
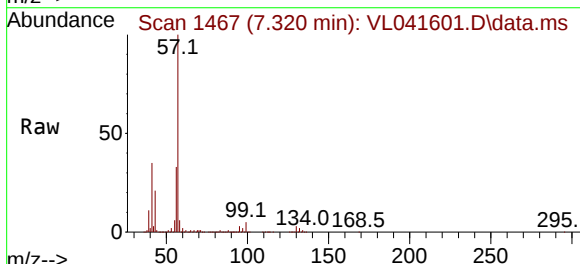
Instrument :
MSVOA_L
ClientSampleId :

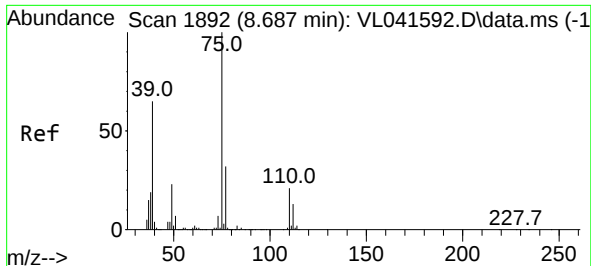
Tgt Ion: 69 Resp: 916154
Ion Ratio Lower Upper
69 100
41 150.9 121.8 182.6
100 33.5 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 10.160 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 57 Resp: 3916909
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.8 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 12.697 ppbv

RT: 8.700 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

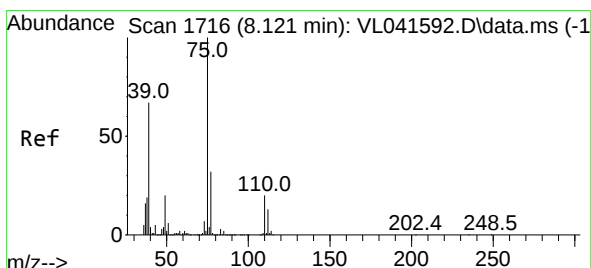
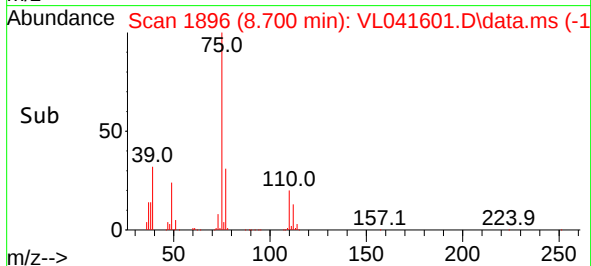
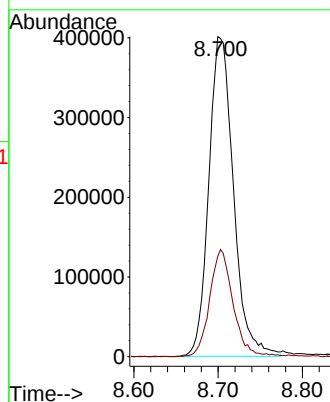
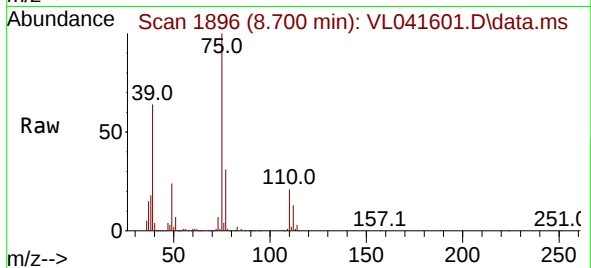
ClientSampleId :

Tgt Ion: 75 Resp: 816302

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 12.096 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

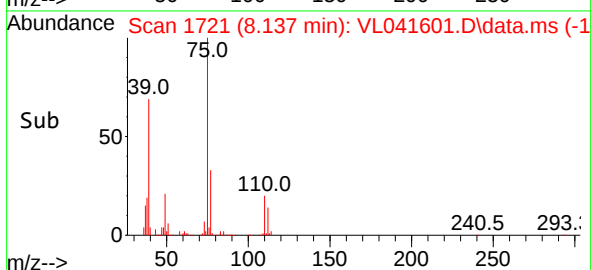
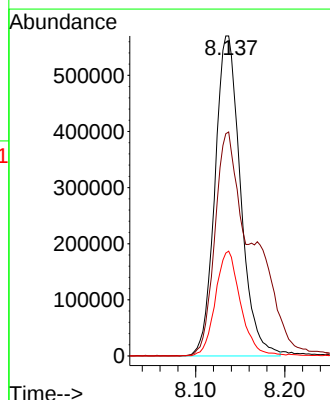
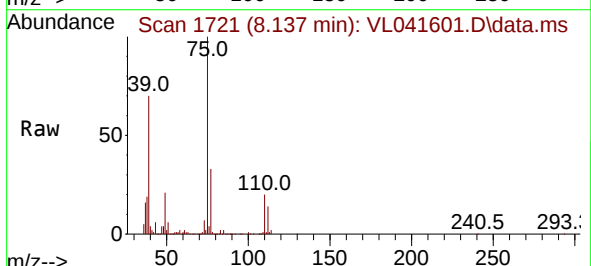
Tgt Ion: 75 Resp: 1139357

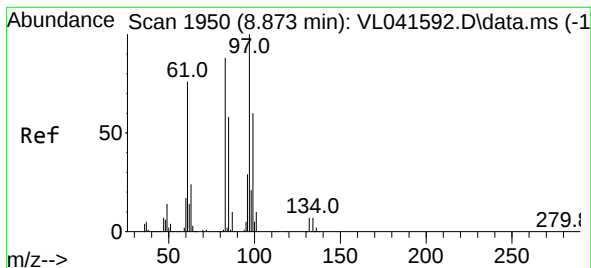
Ion Ratio Lower Upper

75 100

39 70.0 54.0 81.0

77 32.7 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.116 ppbv

RT: 8.893 min Scan# 1950

Delta R.T. 0.019 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 973665

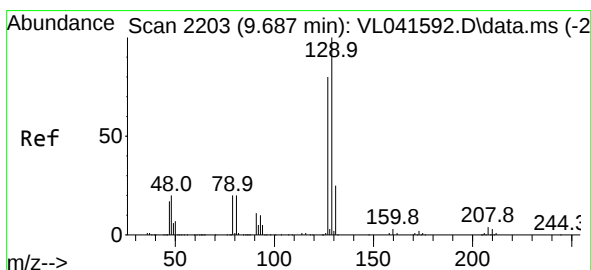
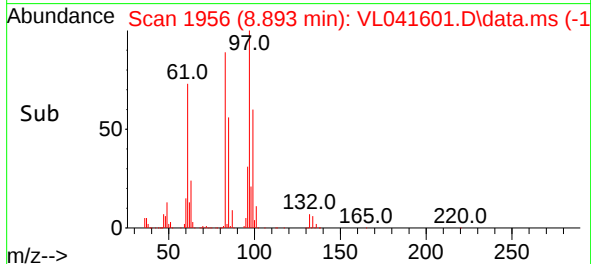
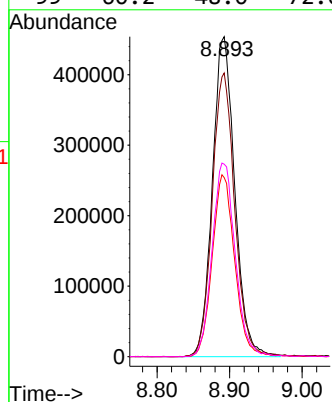
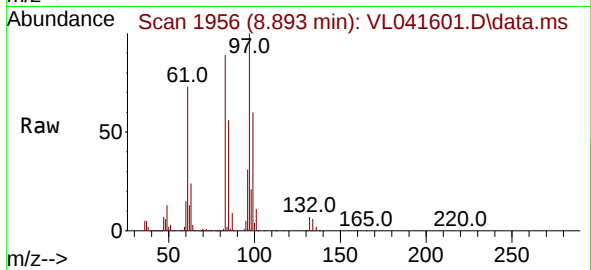
Ion	Ratio	Lower	Upper
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97	100		
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83	88.6	70.2	105.4
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85	55.9	46.3	69.5
----	------	------	------

99	60.2	48.0	72.0
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#48

Dibromochloromethane

Concen: 10.953 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.016 min

Lab File: VL041601.D

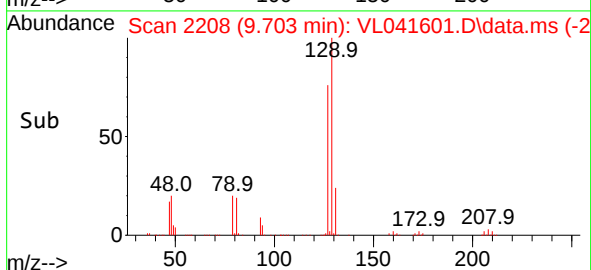
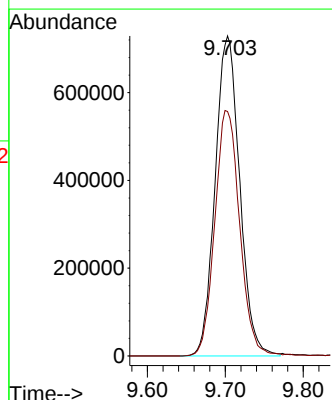
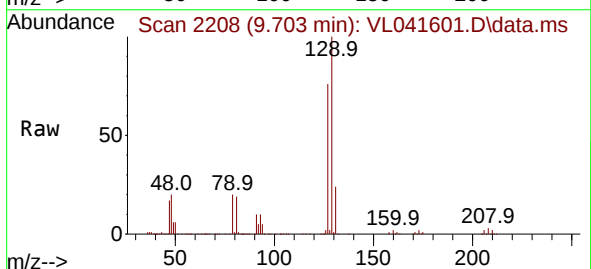
Acq: 18 Sep 2024 8:46

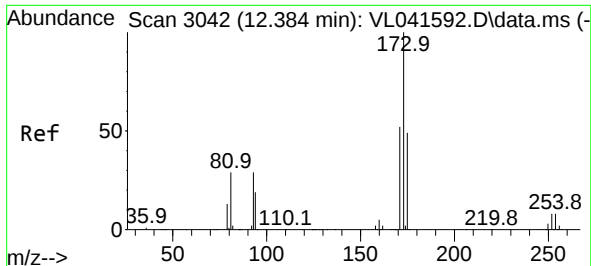
Tgt Ion: 129 Resp: 1597346

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

127	77.9	39.3	117.9
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#49

Bromoform

Concen: 11.106 ppbv

RT: 12.400 min Scan# 3042

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

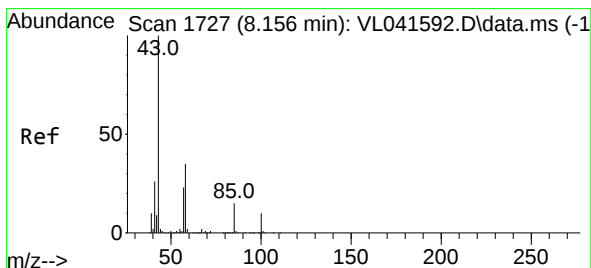
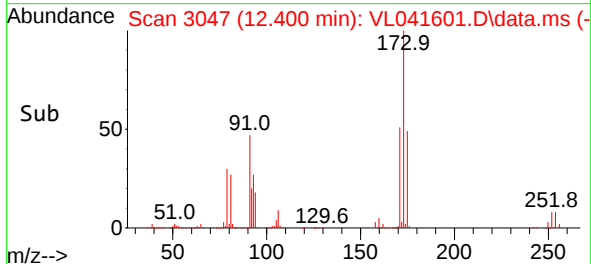
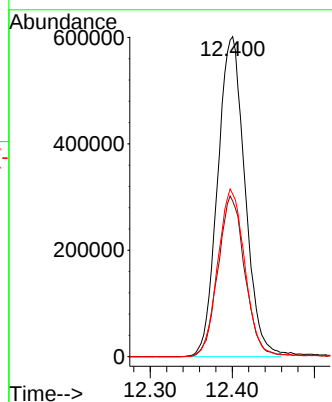
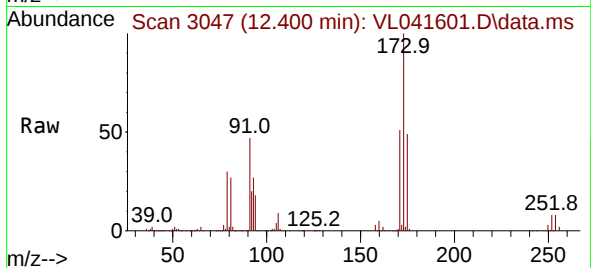
Tgt Ion:173 Resp: 1390368

Ion Ratio Lower Upper

173 100

175 50.0 40.1 60.1

171 52.6 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 10.892 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.016 min

Lab File: VL041601.D

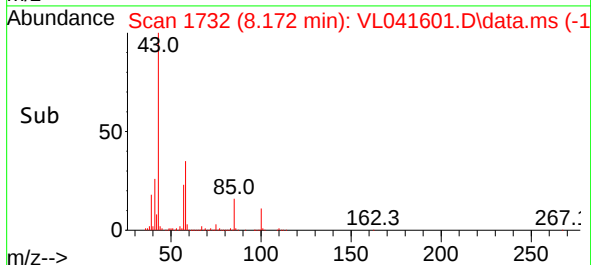
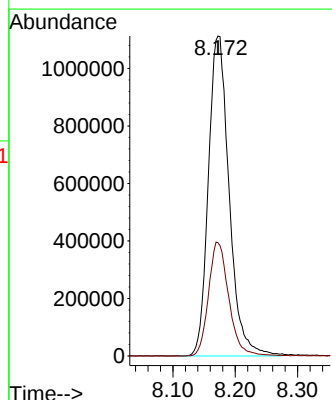
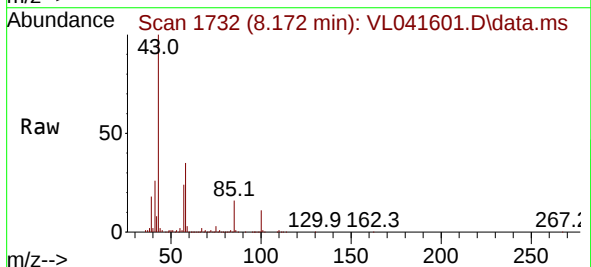
Acq: 18 Sep 2024 8:46

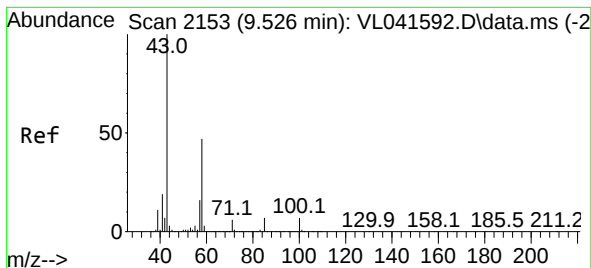
Tgt Ion: 43 Resp: 2573409

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8





#51

2-Hexanone

Concen: 11.520 ppbv

RT: 9.542 min Scan# 2158

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

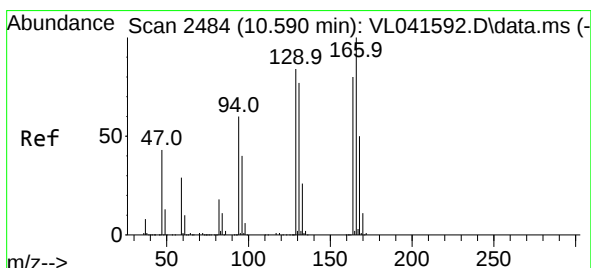
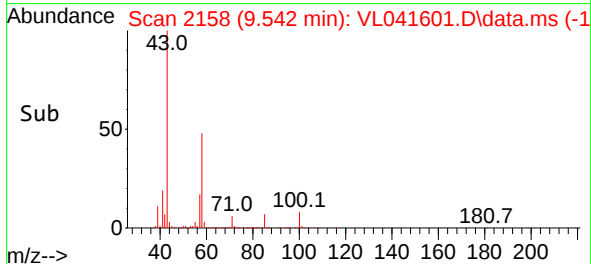
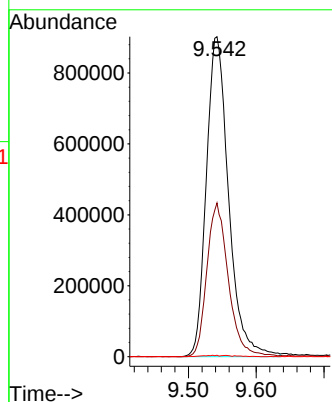
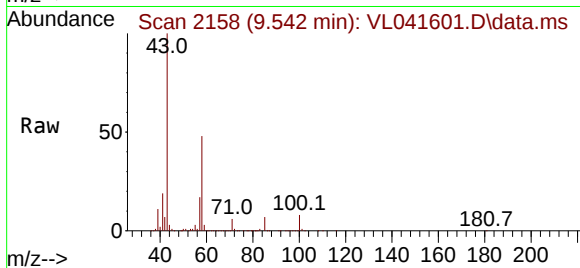
Tgt Ion: 43 Resp: 2058868

Ion Ratio Lower Upper

43 100

58 46.7 37.2 55.8

98 0.6 0.5 0.7



#52

Tetrachloroethene

Concen: 10.759 ppbv

RT: 10.606 min Scan# 2489

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Tgt Ion:164 Resp: 868142

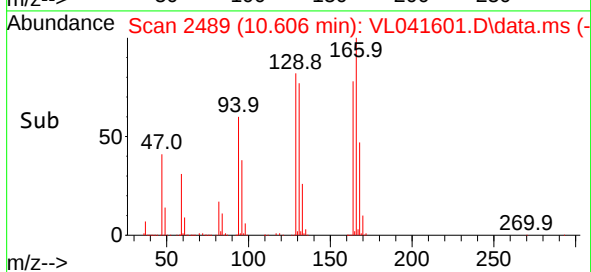
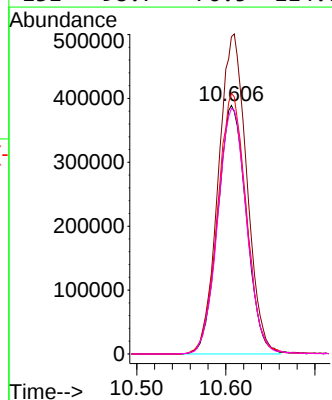
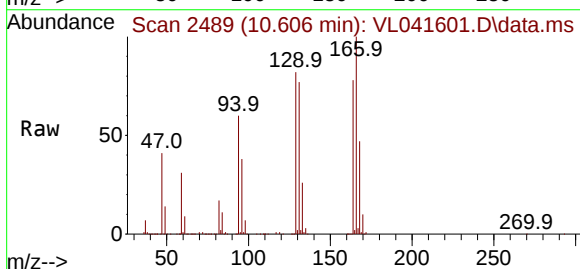
Ion Ratio Lower Upper

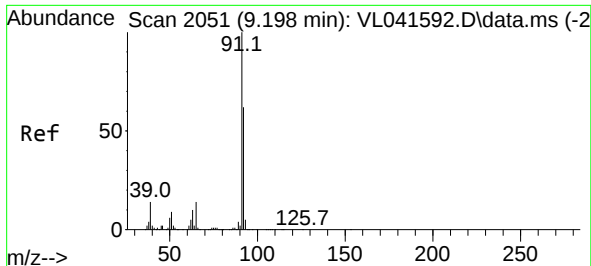
164 100

166 127.6 99.4 149.2

129 105.0 83.5 125.3

131 98.7 76.5 114.7

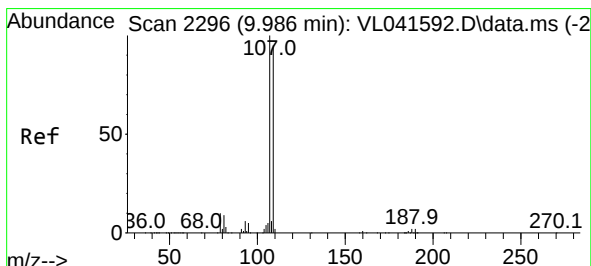
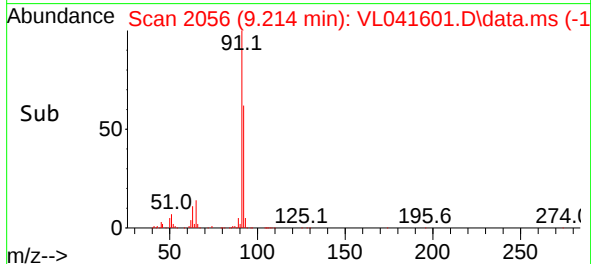
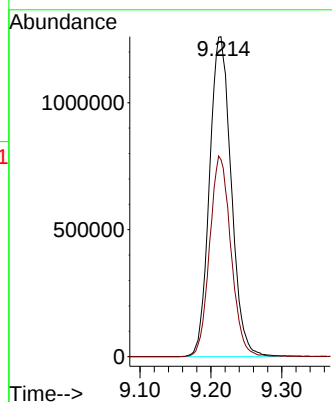
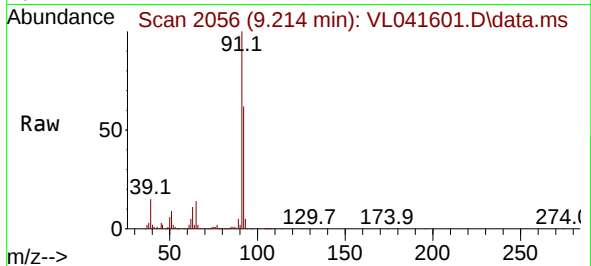




#53
Toluene
Concen: 11.362 ppbv
RT: 9.214 min Scan# 2051
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

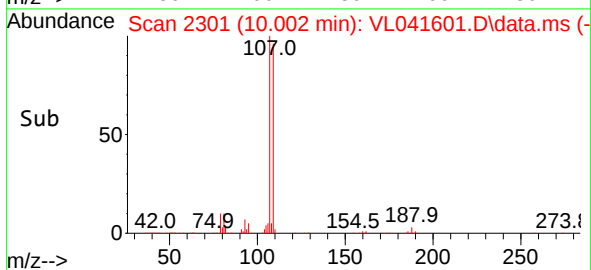
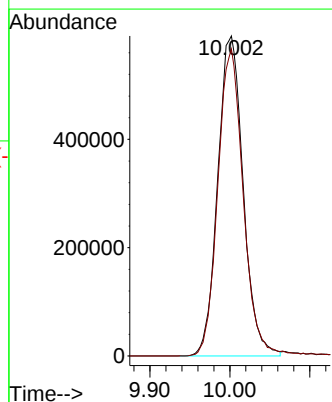
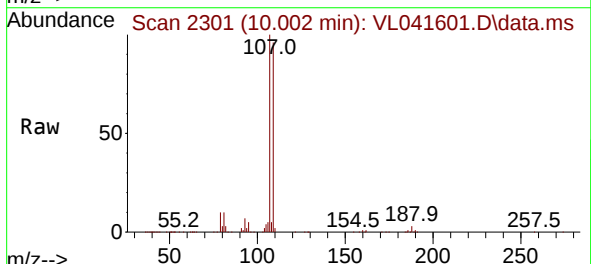
Instrument :
MSVOA_L
ClientSampleId :

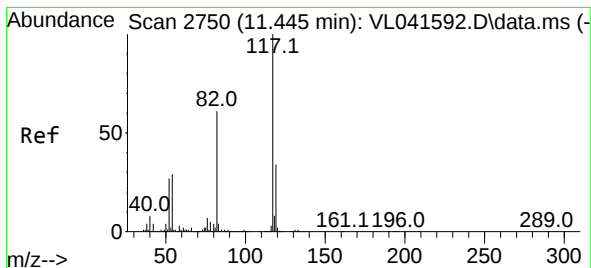
Tgt Ion: 91 Resp: 2687707
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.007 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 107 Resp: 1304646
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

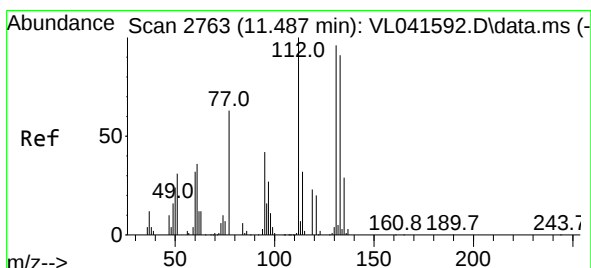
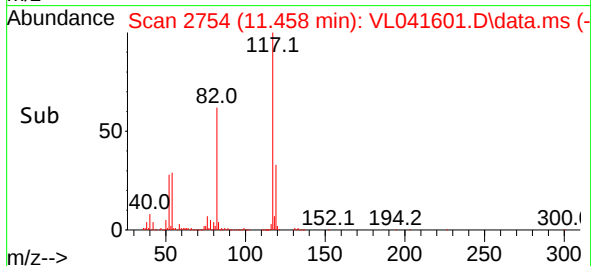
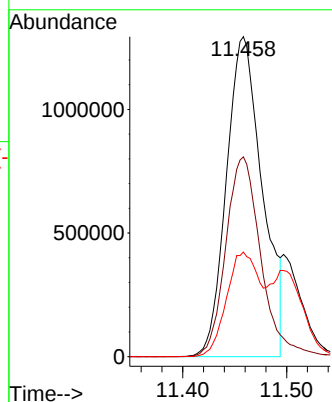
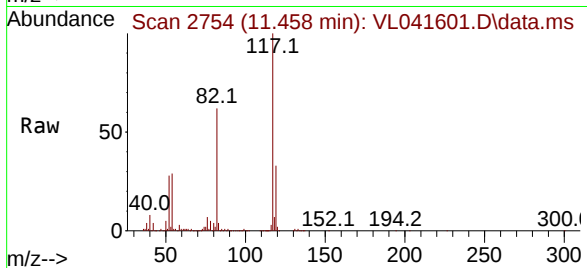
Tgt Ion:117 Resp: 3110660

Ion Ratio Lower Upper

117 100

82 61.5 49.4 74.2

119 33.0 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 9.667 ppbv

RT: 11.500 min Scan# 2767

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

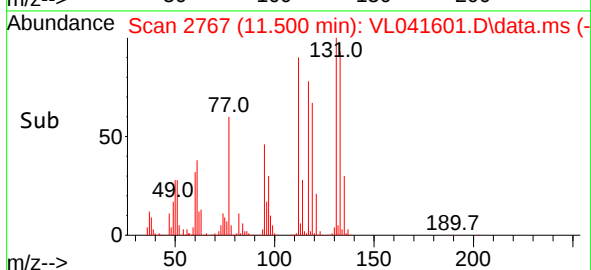
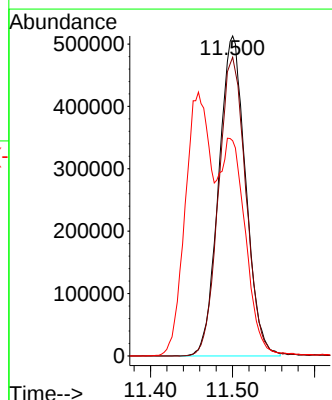
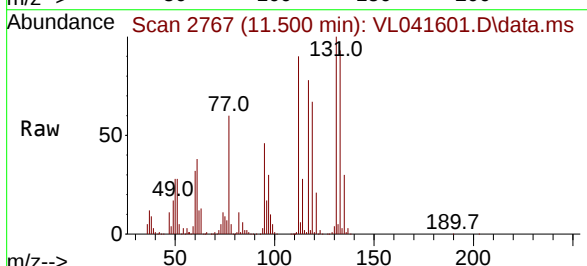
Tgt Ion:131 Resp: 1174008

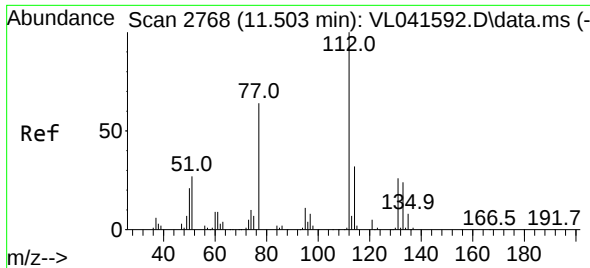
Ion Ratio Lower Upper

131 100

133 95.2 76.6 115.0

119 63.1 48.5 72.7

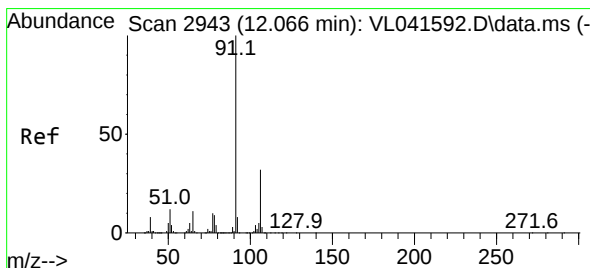
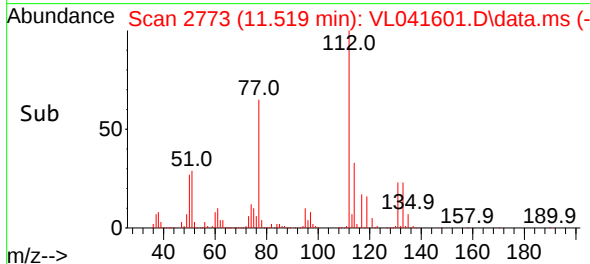
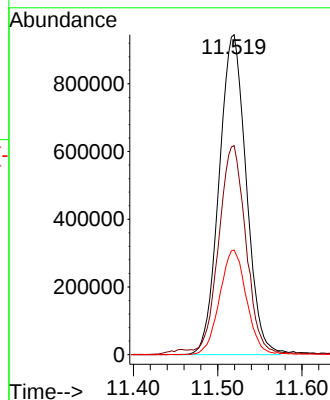
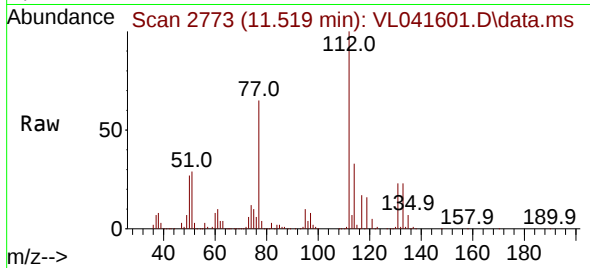




#57
Chlorobenzene
Concen: 9.393 ppbv
RT: 11.519 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

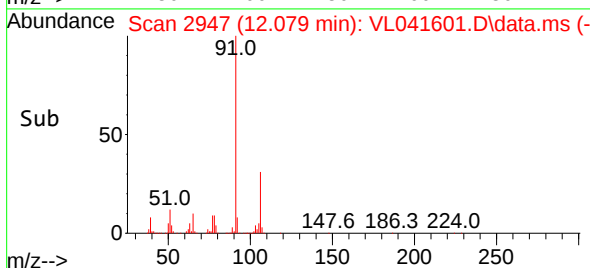
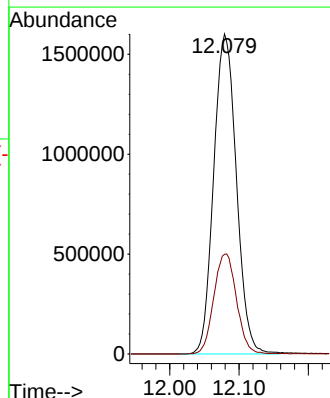
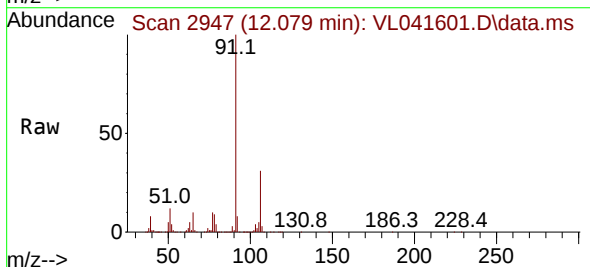
Instrument :
MSVOA_L
ClientSampleId :

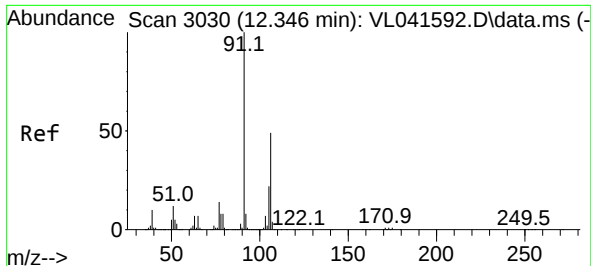
Tgt Ion:112 Resp: 2106729
Ion Ratio Lower Upper
112 100
77 64.6 52.0 78.0
114 32.6 28.6 35.0



#58
Ethyl Benzene
Concen: 10.943 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion: 91 Resp: 3644079
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6





#59

m/p-Xylene

Concen: 10.167 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. 0.019 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

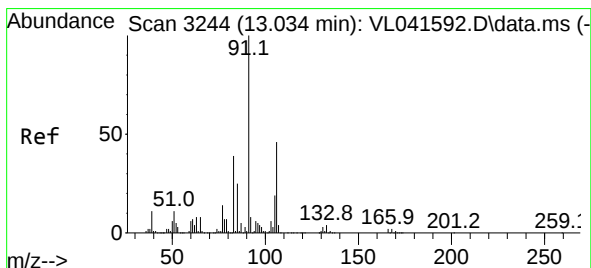
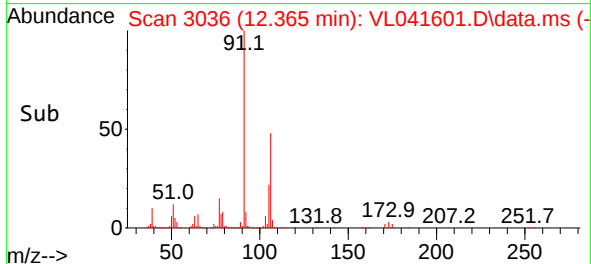
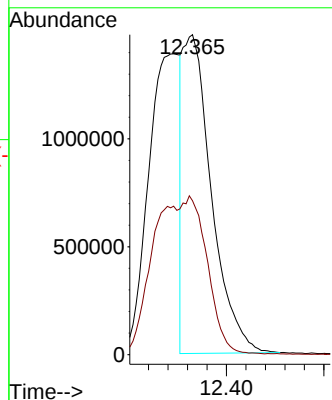
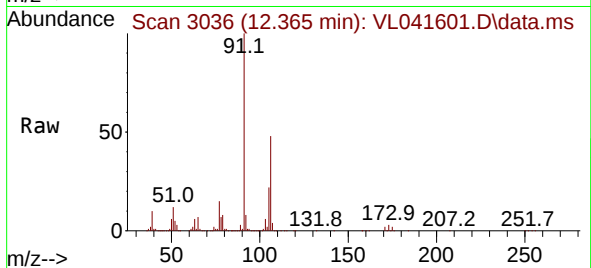
ClientSampleId :

Tgt Ion: 91 Resp: 3013080

Ion Ratio Lower Upper

91 100

106 93.7 36.8 55.2#



#60

o-Xylene

Concen: 10.380 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.016 min

Lab File: VL041601.D

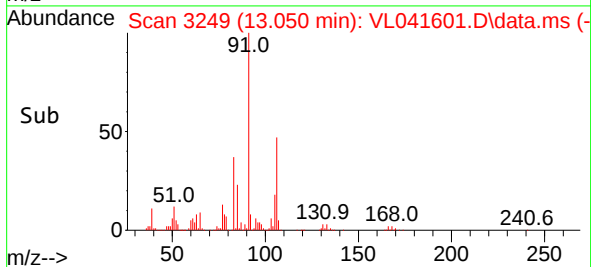
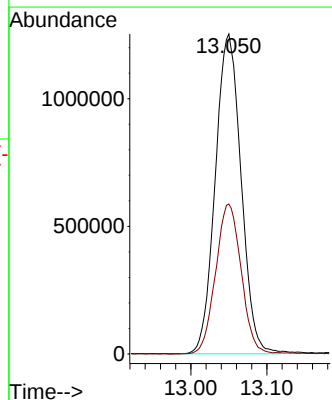
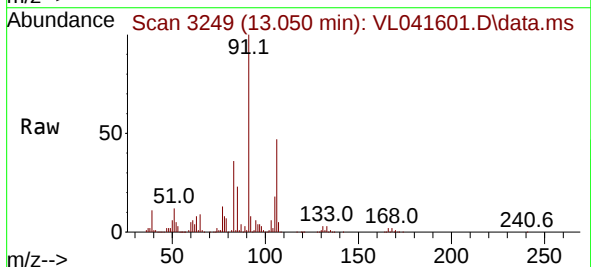
Acq: 18 Sep 2024 8:46

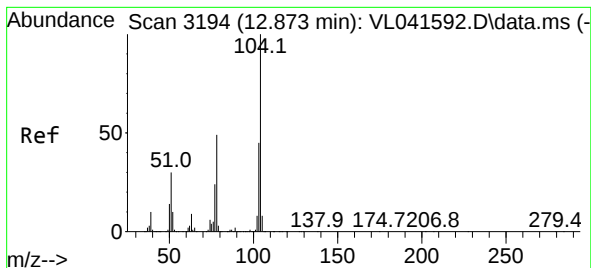
Tgt Ion: 91 Resp: 2949502

Ion Ratio Lower Upper

91 100

106 46.7 23.1 69.3





#61

Styrene

Concen: 12.185 ppbv

RT: 12.889 min Scan# 3194

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

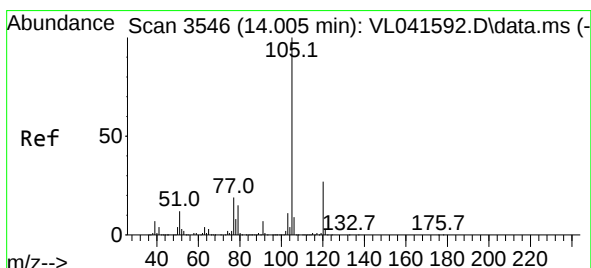
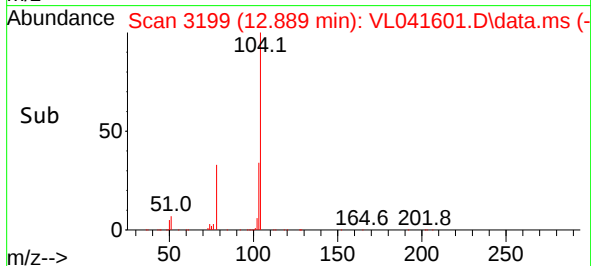
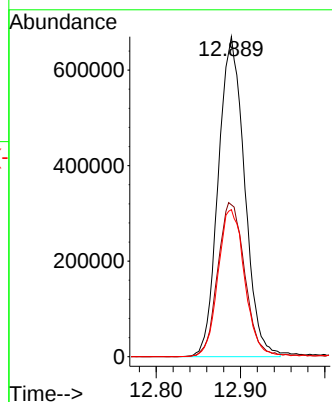
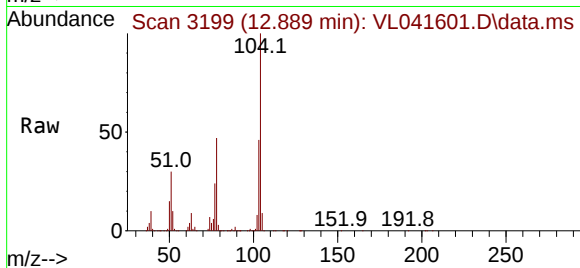
Tgt Ion:104 Resp: 1446412

Ion Ratio Lower Upper

104 100

78 50.0 39.8 59.6

103 47.0 37.4 56.0



#62

Isopropylbenzene

Concen: 9.979 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.013 min

Lab File: VL041601.D

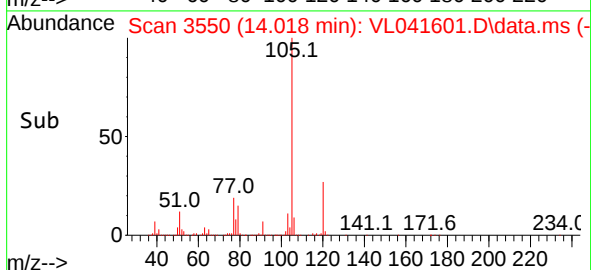
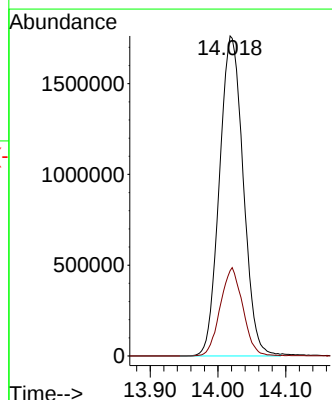
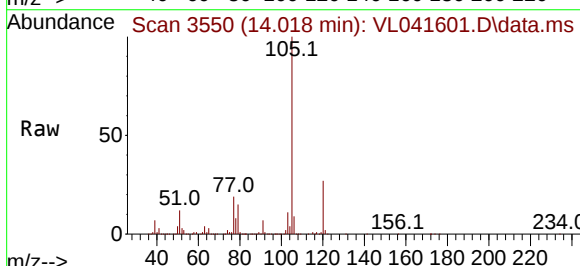
Acq: 18 Sep 2024 8:46

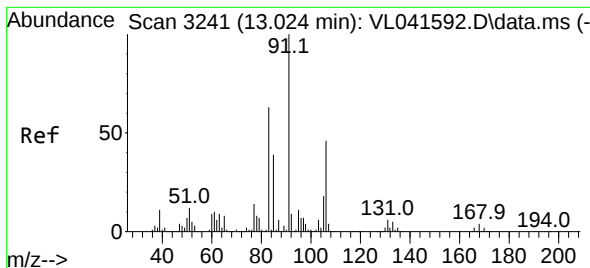
Tgt Ion:105 Resp: 4295725

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

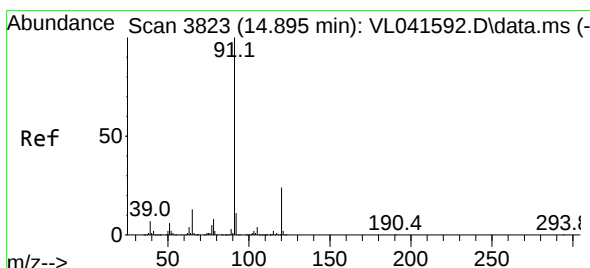
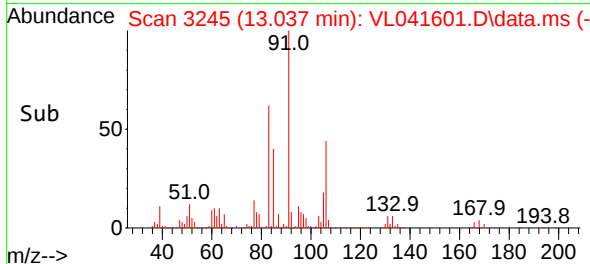
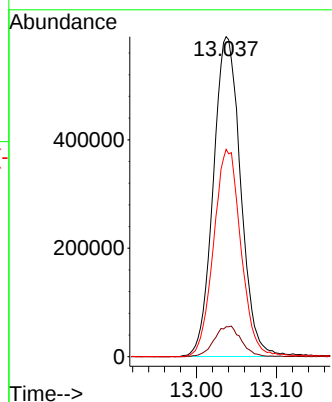
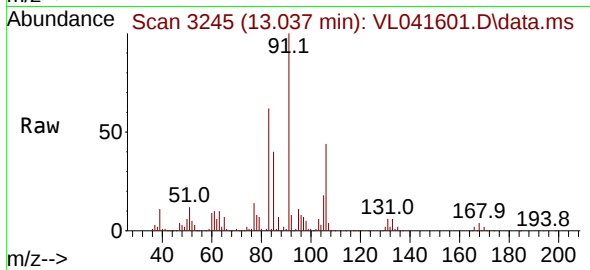




#63
1,1,2,2-Tetrachloroethane
Concen: 9.632 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

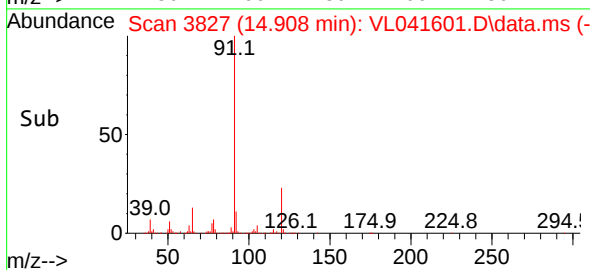
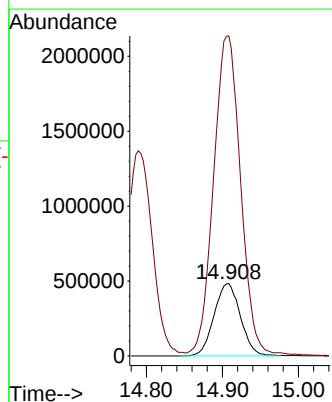
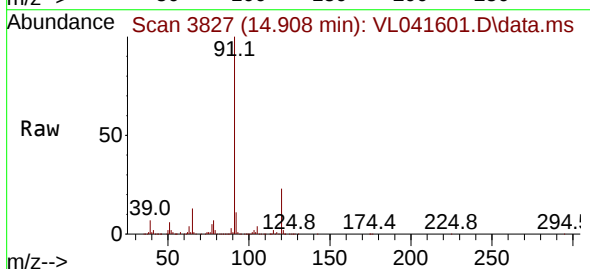
Instrument :
MSVOA_L
ClientSampleId :

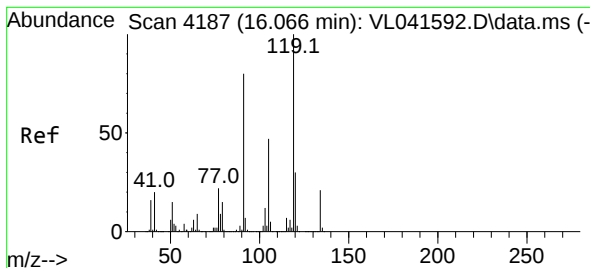
Tgt Ion: 83 Resp: 1399331
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.4 32.5 97.4



#64
n-propylbenzene
Concen: 10.467 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion:120 Resp: 1163729
Ion Ratio Lower Upper
120 100
91 456.2 366.4 549.6





#65

tert-Butylbenzene

Concen: 9.836 ppbv

RT: 16.082 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

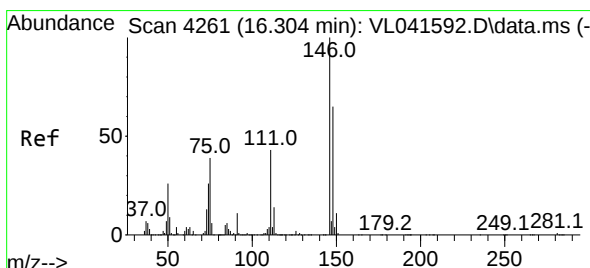
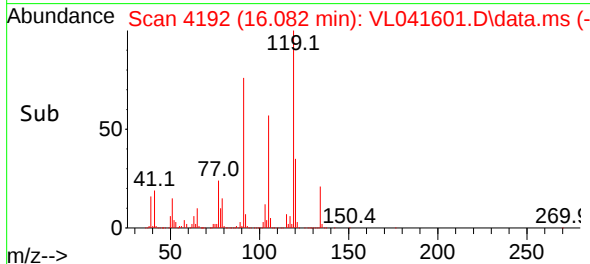
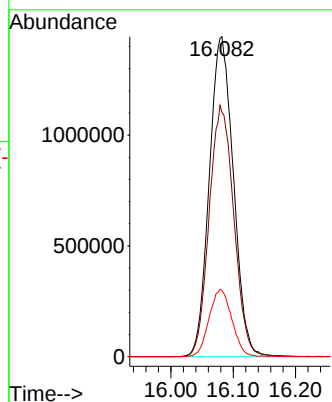
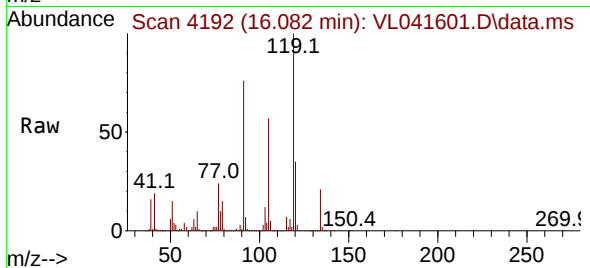
Tgt Ion:119 Resp: 3881352

Ion Ratio Lower Upper

119 100

91 80.1 64.6 96.8

134 19.9 15.8 23.8



#66

Benzyl Chloride

Concen: 10.268 ppbv

RT: 16.317 min Scan# 4265

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

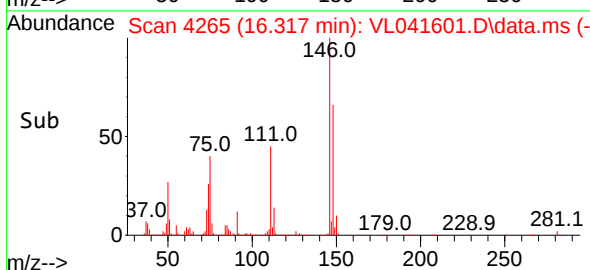
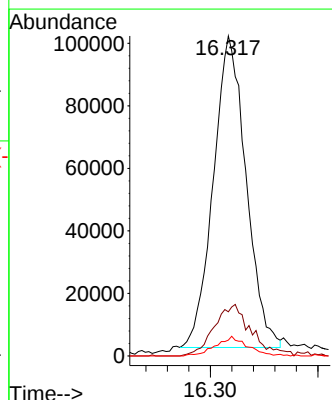
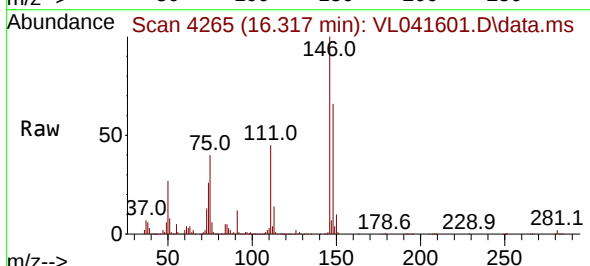
Tgt Ion: 91 Resp: 210631

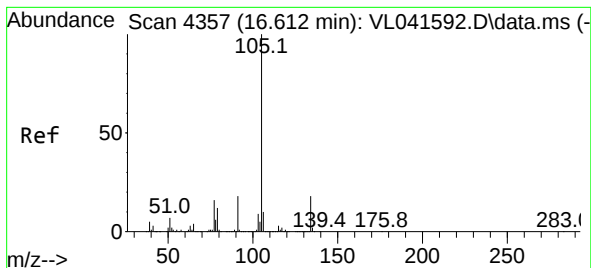
Ion Ratio Lower Upper

91 100

126 19.4 15.4 23.2

128 6.2 4.8 7.2





#67

sec-Butylbenzene

Concen: 9.906 ppbv

RT: 16.629 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

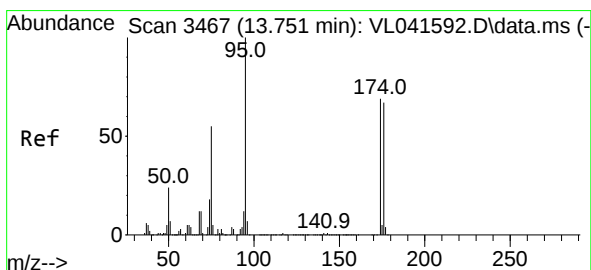
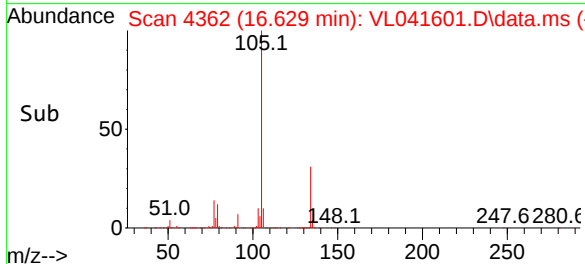
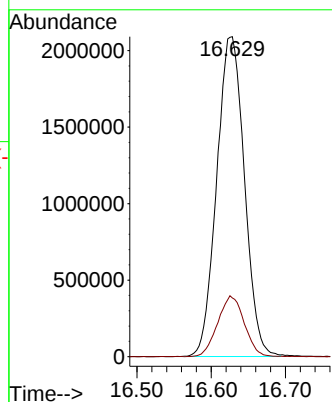
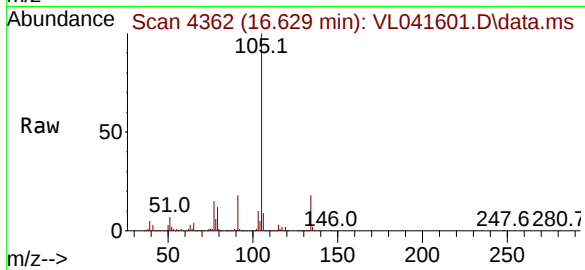
ClientSampleId :

Tgt Ion:105 Resp: 5423308

Ion Ratio Lower Upper

105 100

134 18.3 14.6 21.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.939 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

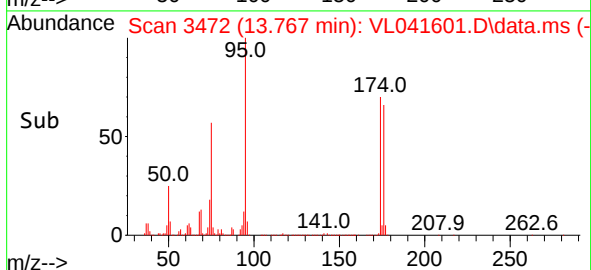
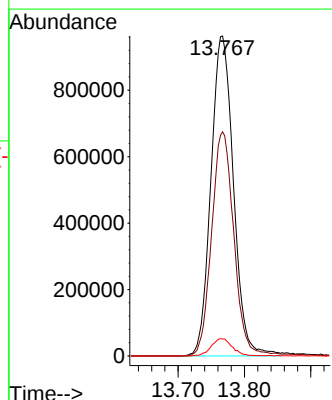
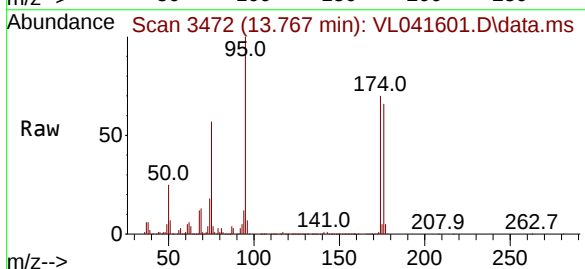
Tgt Ion: 95 Resp: 2275993

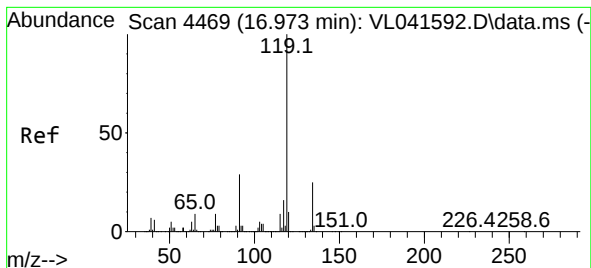
Ion Ratio Lower Upper

95 100

174 69.8 55.8 83.8

175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.272 ppbv

RT: 16.985 min Scan# 4469

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

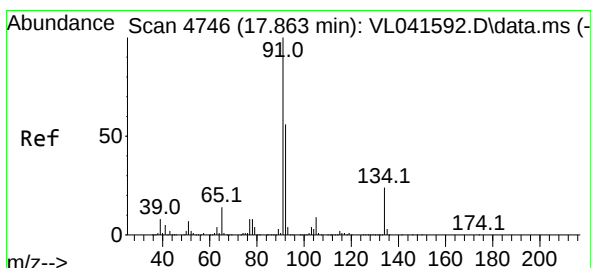
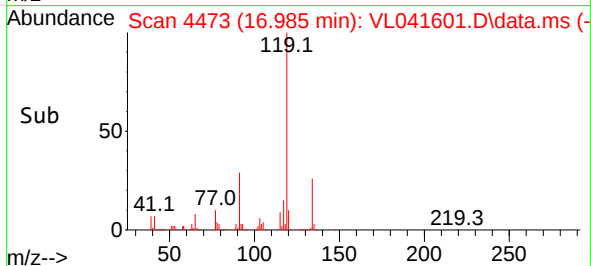
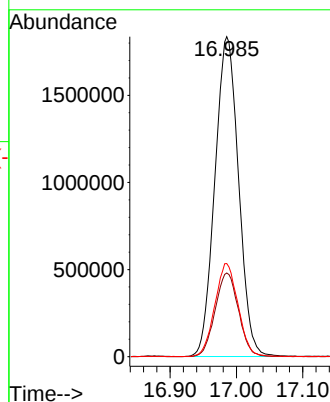
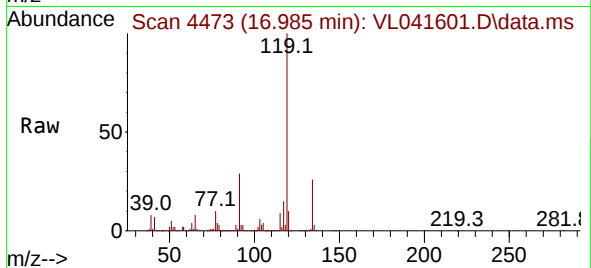
Tgt Ion:119 Resp: 4552021

Ion Ratio Lower Upper

119 100

134 25.9 20.5 30.7

91 28.5 23.1 34.7



#70

n-Butylbenzene

Concen: 10.082 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

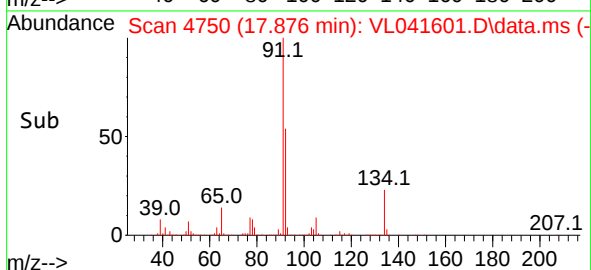
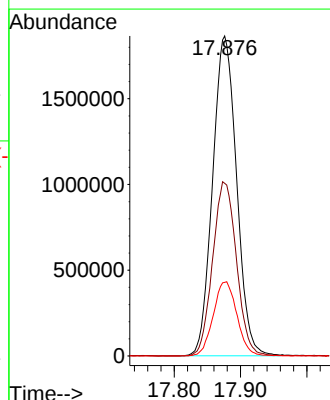
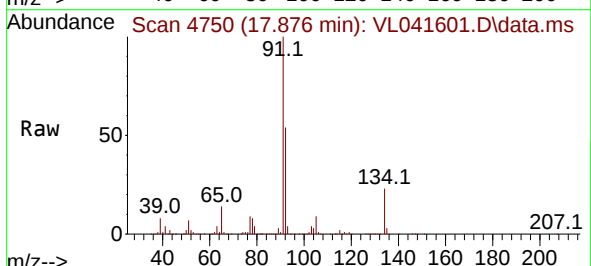
Tgt Ion: 91 Resp: 4680037

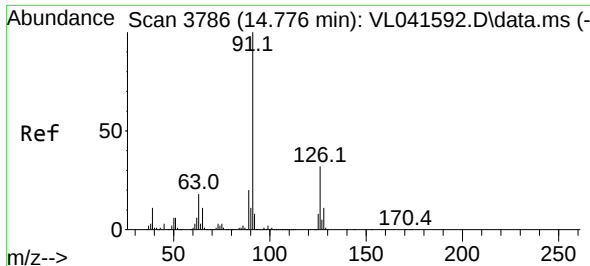
Ion Ratio Lower Upper

91 100

92 54.4 43.2 64.8

134 23.0 18.6 27.8

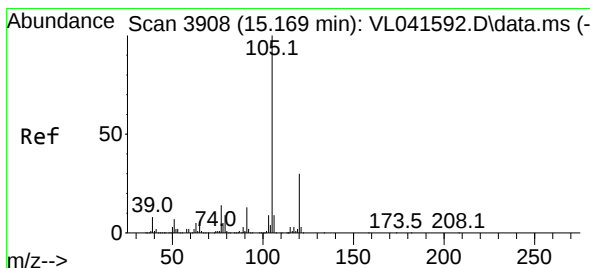
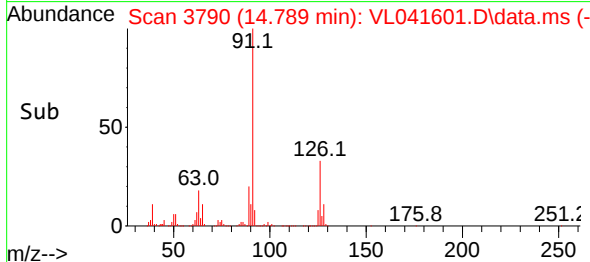
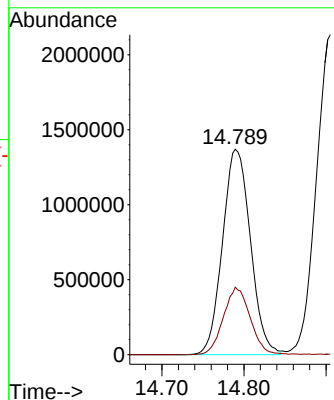
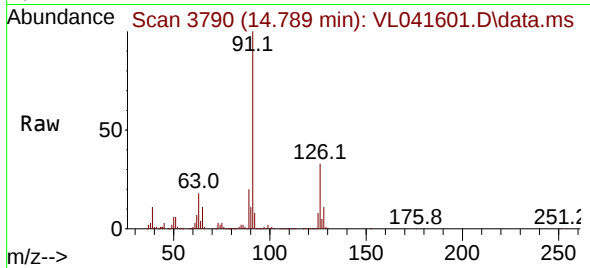




#71
2-Chlorotoluene
Concen: 10.240 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

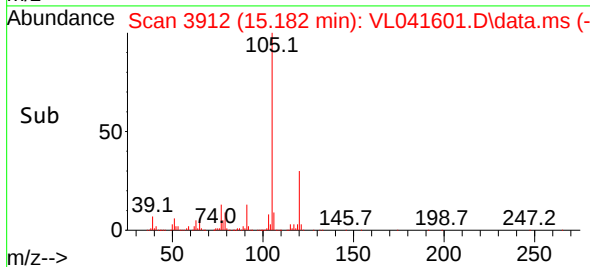
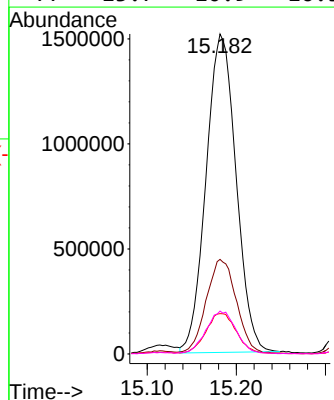
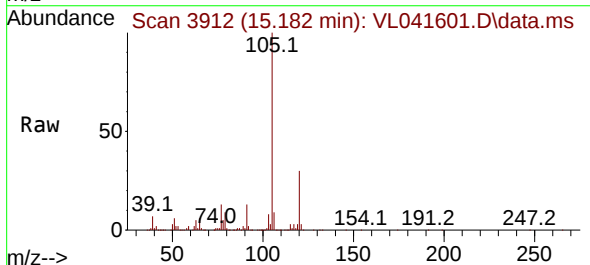
Instrument :
MSVOA_L
ClientSampleId :

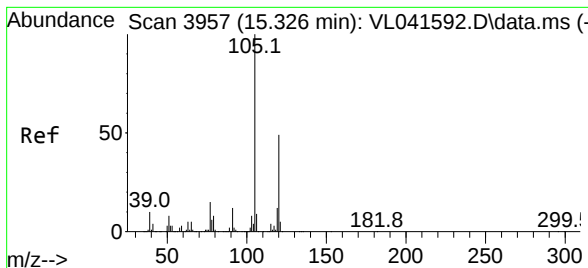
Tgt Ion: 91 Resp: 3243345
Ion Ratio Lower Upper
91 100
126 31.6 12.9 51.5



#72
4-Ethyltoluene
Concen: 10.670 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.013 min
Lab File: VL041601.D
Acq: 18 Sep 2024 8:46

Tgt Ion:105 Resp: 3543918
Ion Ratio Lower Upper
105 100
120 30.3 24.1 36.1
91 13.1 10.2 15.2
77 13.7 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 10.340 ppbv

RT: 15.342 min Scan# 3957

Delta R.T. 0.016 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

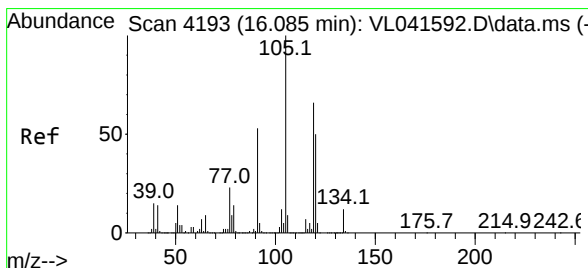
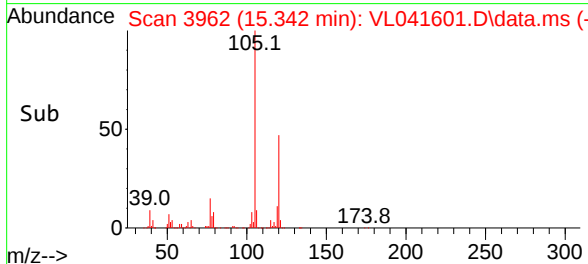
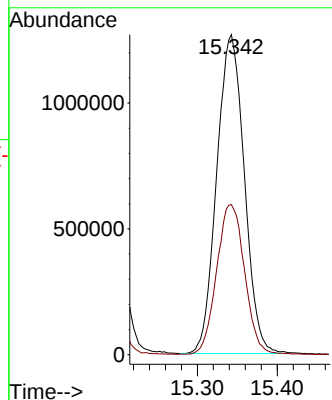
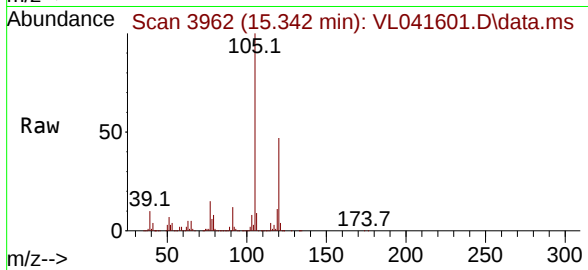
ClientSampleId :

Tgt Ion:105 Resp: 3032687

Ion Ratio Lower Upper

105 100

120 46.9 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 9.853 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Tgt Ion:105 Resp: 3382442

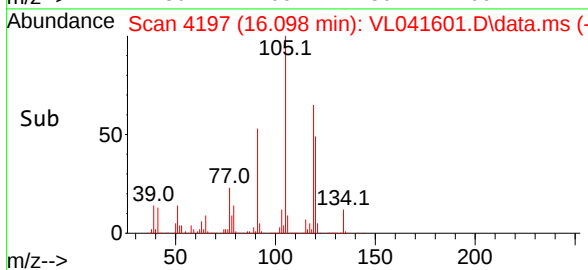
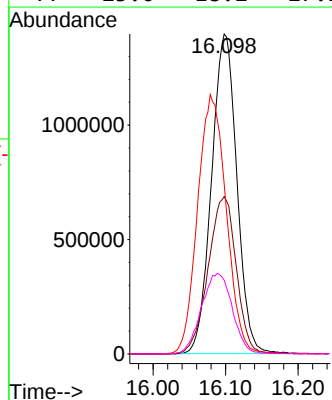
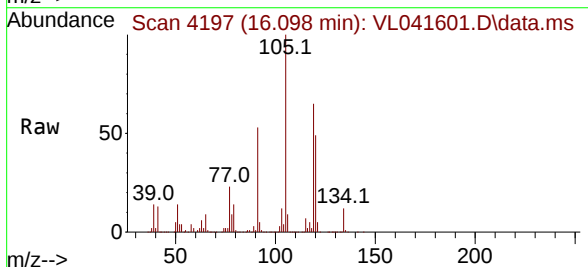
Ion Ratio Lower Upper

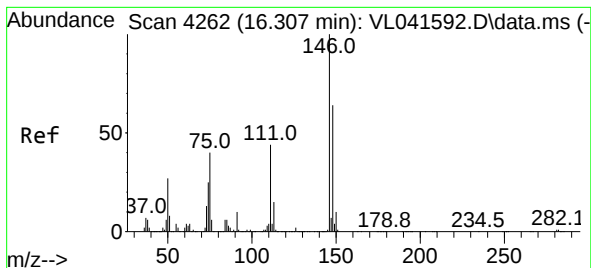
105 100

120 49.1 39.9 59.9

91 52.9 42.6 63.8

77 23.0 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.693 ppbv

RT: 16.320 min Scan# 4311

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

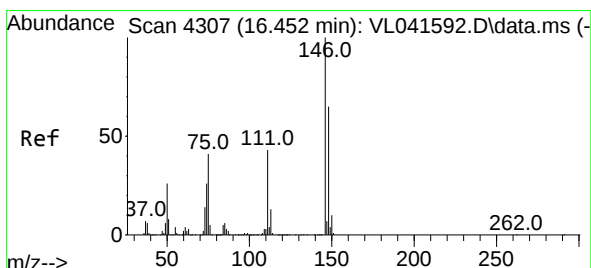
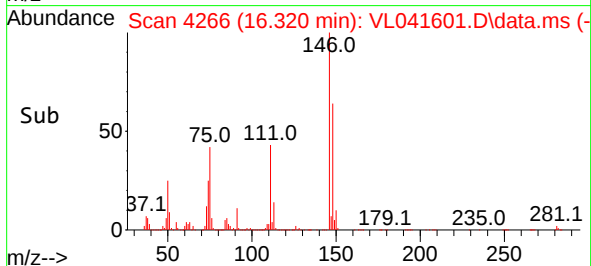
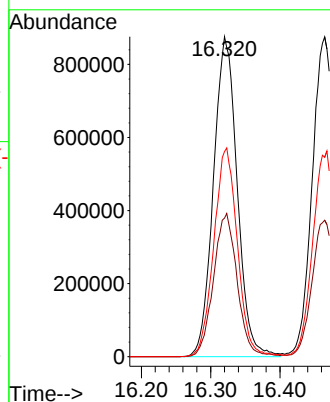
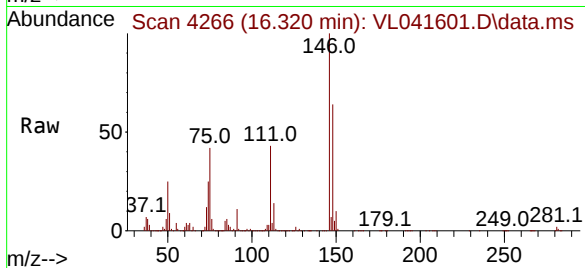
Tgt Ion:146 Resp: 2085381

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 64.9 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 9.987 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

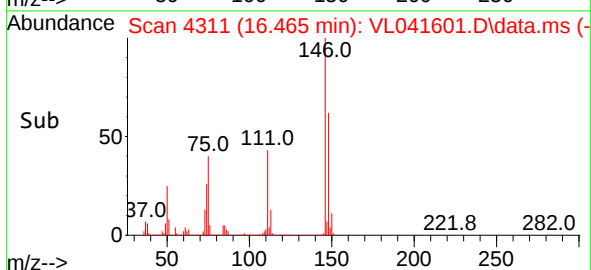
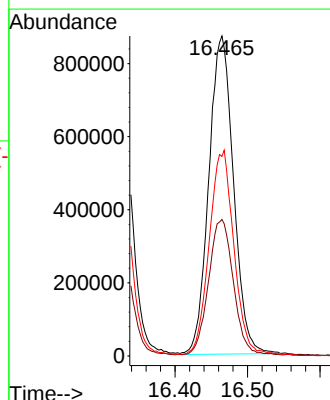
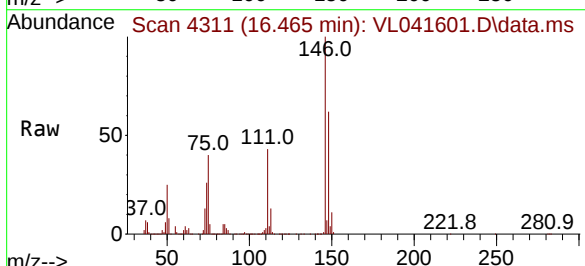
Tgt Ion:146 Resp: 2059008

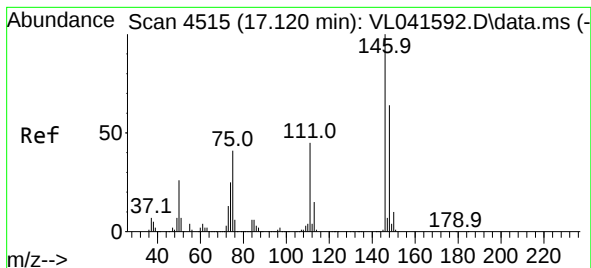
Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.3

148 65.5 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 9.573 ppbv

RT: 17.133 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

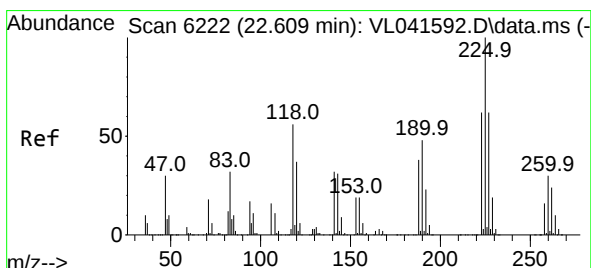
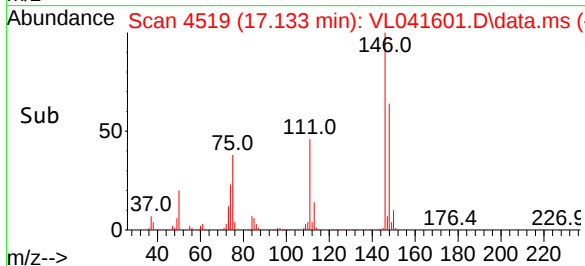
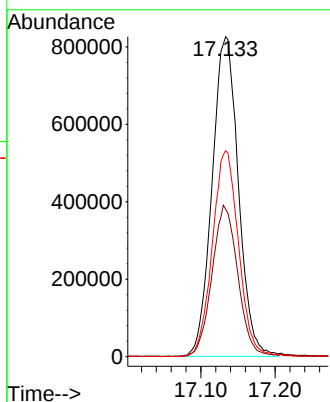
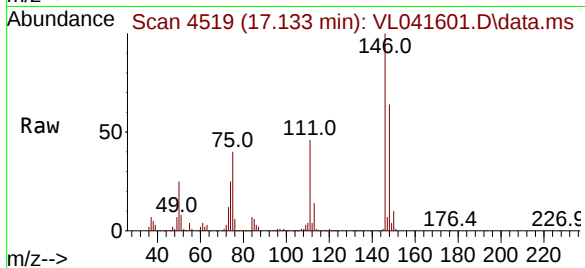
Tgt Ion:146 Resp: 2033227

Ion Ratio Lower Upper

146 100

111 46.8 23.4 70.0

148 64.3 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 8.649 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. 0.010 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

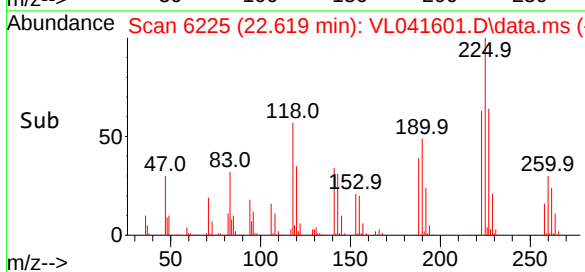
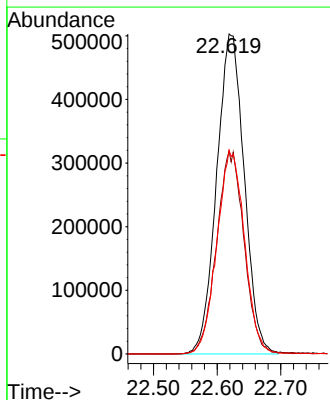
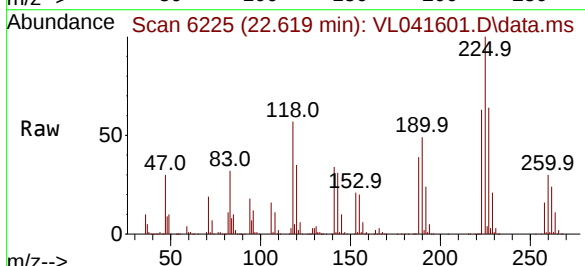
Tgt Ion:225 Resp: 1515419

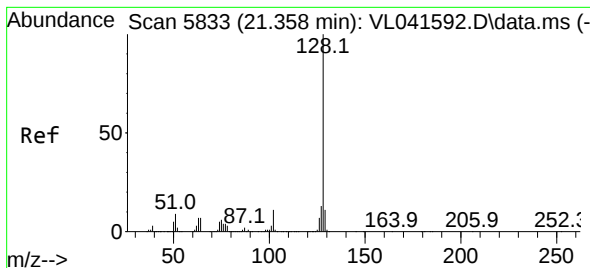
Ion Ratio Lower Upper

225 100

223 63.5 50.6 75.8

227 64.0 50.9 76.3





#79

Naphthalene

Concen: 12.611 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.013 min

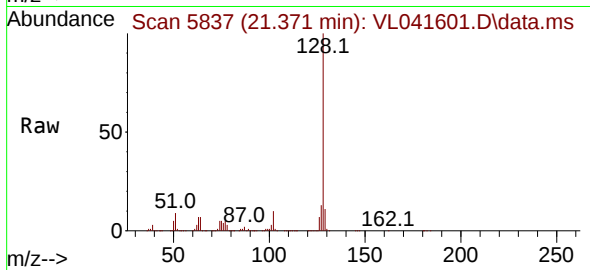
Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :



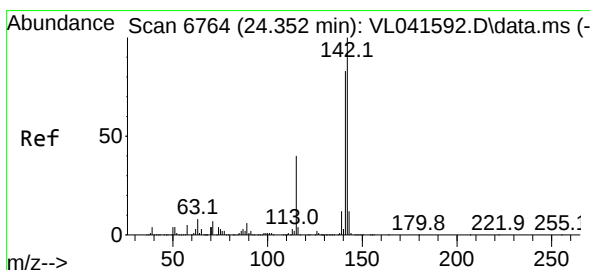
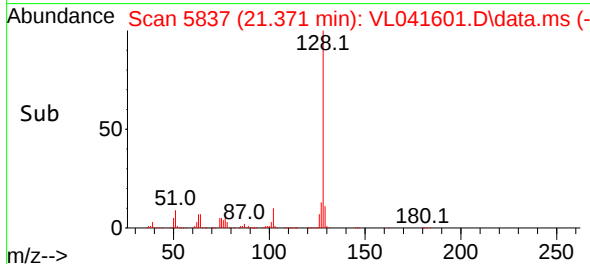
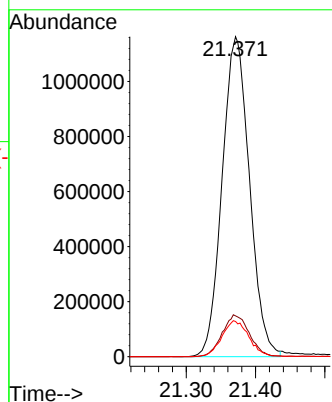
Tgt Ion:128 Resp: 3186137

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 13.329 ppbv

RT: 24.361 min Scan# 6767

Delta R.T. 0.010 min

Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

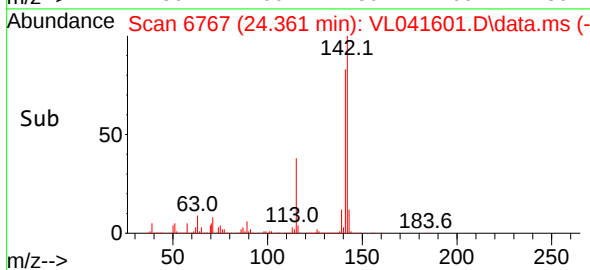
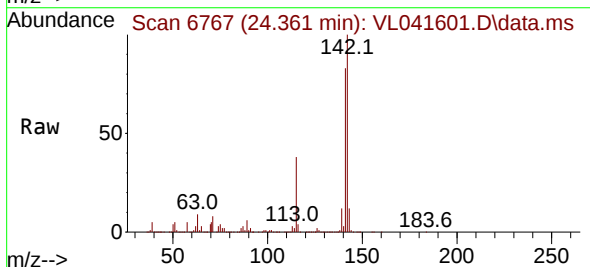
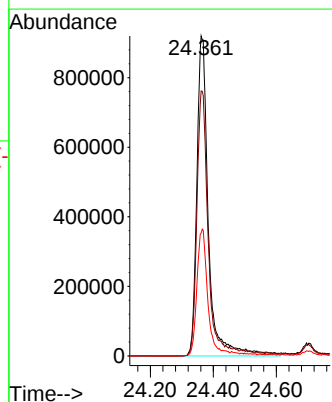
Tgt Ion:142 Resp: 2359812

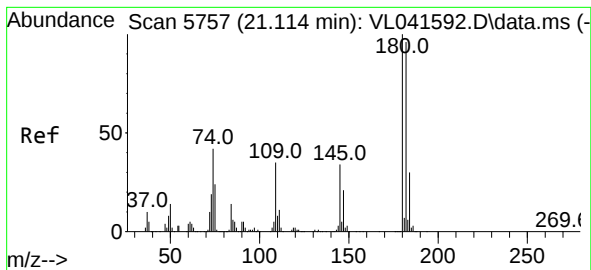
Ion Ratio Lower Upper

142 100

141 82.2 66.3 99.5

115 39.0 31.4 47.2





#81

1,2,4-Trichlorobenzene

Concen: 10.530 ppbv

RT: 21.127 min Scan# 51

Delta R.T. 0.013 min

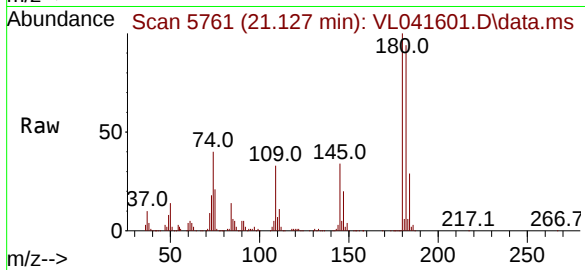
Lab File: VL041601.D

Acq: 18 Sep 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1691433

Ion Ratio Lower Upper

180 100

182 97.1 76.5 114.7

184 30.5 24.7 37.1

