

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041599.D
 Acq On : 16 Sep 2024 18:46
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 08:46:33 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 07:56:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1211658	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	3308799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3735669	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2308391	8.383	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.723	85	1544917	9.183	ppbv	99
3) Chlorodifluoromethane	2.668	51	1323860	9.212	ppbv	99
4) Chloromethane	2.806	50	724772	9.320	ppbv	95
5) Vinyl Chloride	2.912	62	707659	10.203	ppbv	99
6) Bromomethane	3.108	94	319232	9.461	ppbv	99
7) Chloroethane	3.189	64	251821	9.645	ppbv	99
8) Dichlorotetrafluoroethane	2.848	85	1641100	9.120	ppbv	98
9) Propene	2.687	41	640849	10.252	ppbv	100
10) Heptane	7.565	43	1512434	10.627	ppbv	100
11) Trichlorofluoromethane	3.552	101	1652570	9.071	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1197204	9.063	ppbv	99
13) Ethanol	3.240	45	12598	2.870	ppbv #	52
14) Bromoethene	3.356	108	497665	9.795	ppbv	98
15) Acetone	3.456	43	1235854	8.929	ppbv	99
16) 1,3-Butadiene	2.977	39	708349	10.023	ppbv	99
17) tert-Butyl alcohol	3.864	59	1338127	10.186	ppbv	100
18) 1,1-Dichloroethene	3.867	96	531734	9.157	ppbv	99
19) Isopropyl Alcohol	3.562	45	679011	9.099	ppbv	99
20) Methylene Chloride	3.919	84	447442	8.402	ppbv	95
21) Allyl Chloride	3.983	41	870229	9.872	ppbv	100
22) trans-1,2-Dichloroethene	4.433	96	544525	9.700	ppbv	99
23) Vinyl Acetate	4.610	43	879864	10.698	ppbv #	97
24) 1,1-Dichloroethane	4.549	63	1155920	9.399	ppbv	99
25) Ethyl Acetate	5.189	43	2756002	10.053	ppbv	99
26) Hexane	5.195	57	1129442	10.182	ppbv	99
27) Carbon Disulfide	4.112	76	1301729	10.804	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	708243	10.279	ppbv	99
29) Chloroform	5.259	83	1692873	9.222	ppbv	100
30) Cyclohexane	6.587	84	939832	10.778	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1109424	10.353	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	1671780	10.243	ppbv	99
34) 2-Butanone	4.771	43	1595025	10.523	ppbv	99
35) Carbon Tetrachloride	6.475	117	1729977	10.813	ppbv	98
36) Benzene	6.353	78	2377400	10.443	ppbv	100
37) 1,2-Dichloroethane	5.790	62	1303965	9.844	ppbv	99
38) Trichloroethene	7.272	130	1220709	10.351	ppbv	99
39) 1,2-Dichloropropane	7.057	63	924715	9.982	ppbv	97
40) 1,4-Dioxane	7.269	88	243004	7.324	ppbv #	1
41) Tetrahydrofuran	5.539	42	998000	11.463	ppbv	100
42) Bromodichloromethane	7.230	83	1853470	10.228	ppbv	99
43) Methyl Methacrylate	7.455	69	952193	11.572	ppbv	98
44) 2,2,4-Trimethylpentane	7.308	57	3942109	10.067	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	854719	13.033	ppbv	97

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 Misc : 400mL/MSVOA_L
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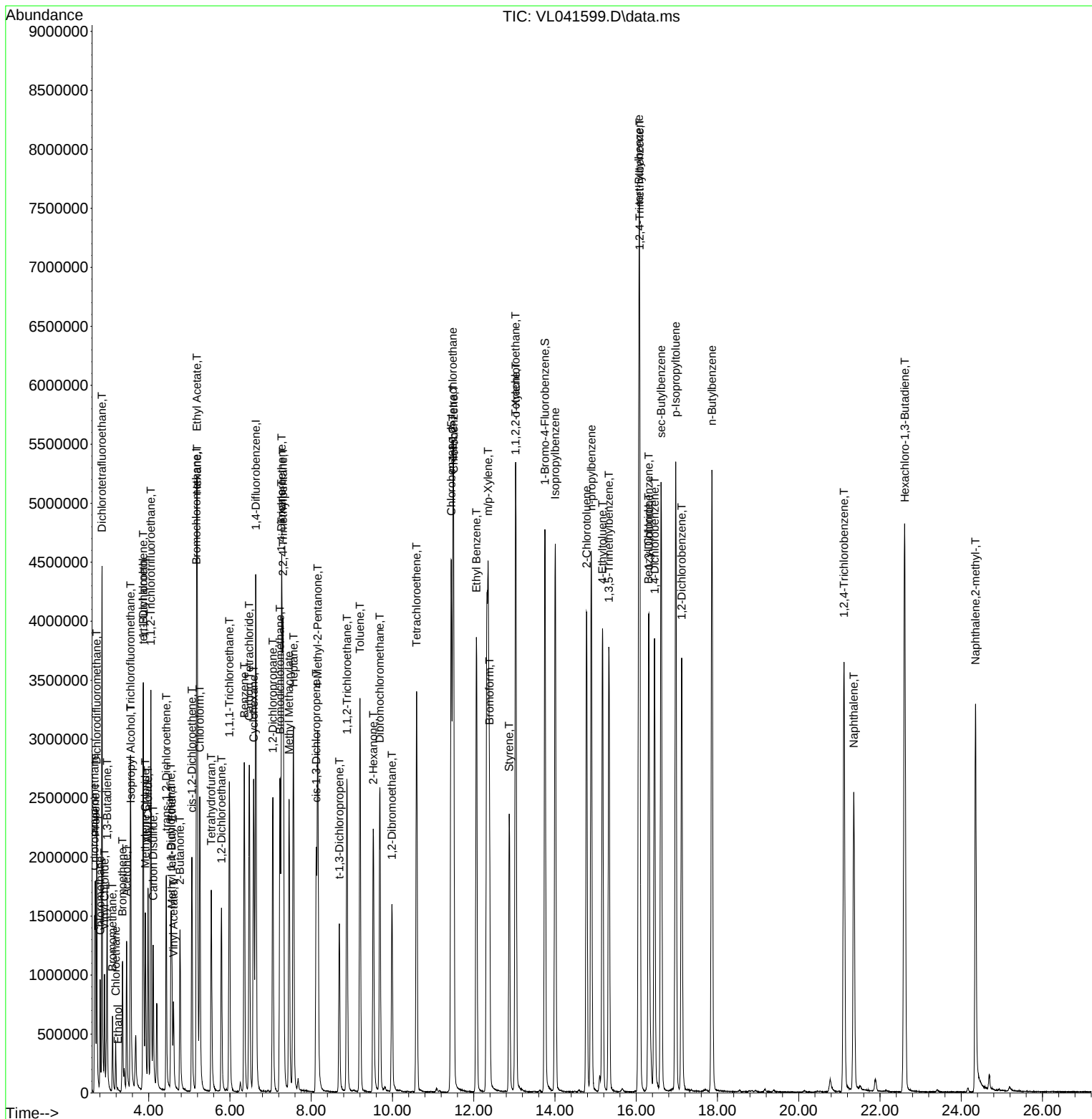
Instrument :
 MSVOA_L
 ClientSampleId :

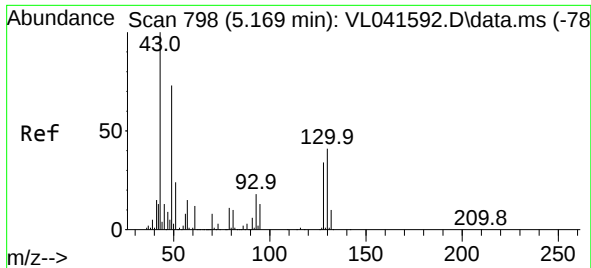
Quant Time: Sep 17 08:46:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1179959	11.971	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	965904	9.822	ppbv	97
48) Dibromochloromethane	9.690	129	1596069	10.711	ppbv	100
49) Bromoform	12.388	173	1398574	11.035	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2618515	10.883	ppbv	99
51) 2-Hexanone	9.529	43	2107044	11.501	ppbv #	99
52) Tetrachloroethene	10.594	164	876069	10.580	ppbv	97
53) Toluene	9.201	91	2736931	11.168	ppbv	100
54) 1,2-Dibromoethane	9.989	107	1334237	11.106	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.487	131	1153971	8.090	ppbv	100
57) Chlorobenzene	11.507	112	2110664	7.944	ppbv	98
58) Ethyl Benzene	12.066	91	3636857	9.124	ppbv	100
59) m/p-Xylene	12.352	91	3327537	9.367	ppbv #	41
60) o-Xylene	13.034	91	2941243	8.670	ppbv	99
61) Styrene	12.873	104	1461911	10.185	ppbv	100
62) Isopropylbenzene	14.008	105	4273531	8.292	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.028	83	1389186	8.080	ppbv	99
64) n-propylbenzene	14.896	120	1144513	8.582	ppbv	99
65) tert-Butylbenzene	16.069	119	3822907	8.271	ppbv	99
66) Benzyl Chloride	16.304	91	212798	8.662	ppbv	100
67) sec-Butylbenzene	16.613	105	5350490	8.079	ppbv	100
69) p-Isopropyltoluene	16.973	119	4497521	8.464	ppbv	100
70) n-Butylbenzene	17.863	91	4595438	8.289	ppbv	100
71) 2-Chlorotoluene	14.780	91	3223465	8.610	ppbv	100
72) 4-Ethyltoluene	15.169	105	3524544	8.821	ppbv	99
73) 1,3,5-Trimethylbenzene	15.327	105	3014196	8.689	ppbv	98
74) 1,2,4-Trimethylbenzene	16.085	105	3320425	8.009	ppbv	99
75) 1,3-Dichlorobenzene	16.307	146	2073354	8.117	ppbv	100
76) 1,4-Dichlorobenzene	16.452	146	2027061	8.046	ppbv	99
77) 1,2-Dichlorobenzene	17.117	146	1996843	7.935	ppbv	100
78) Hexachloro-1,3-Butadiene	22.612	225	623995	2.967	ppbv #	19
79) Naphthalene	21.355	128	3203623	10.717	ppbv	98
80) Naphthalene,2-methyl-	24.349	142	2446937	11.785	ppbv	99
81) 1,2,4-Trichlorobenzene	21.114	180	1671079	8.723	ppbv	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 07:56:54 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.176 min Scan# 80

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

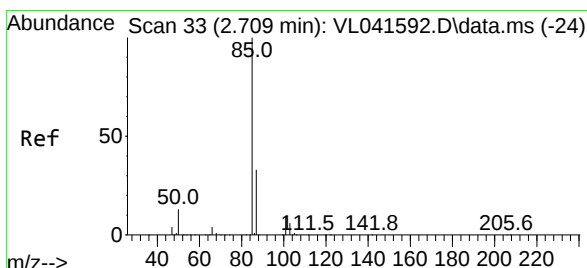
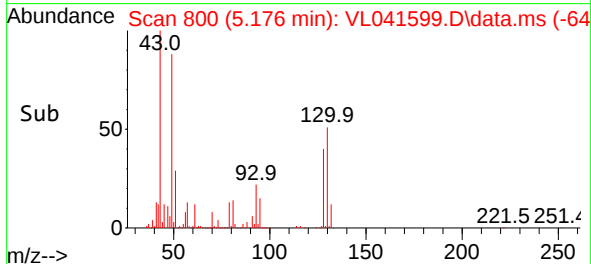
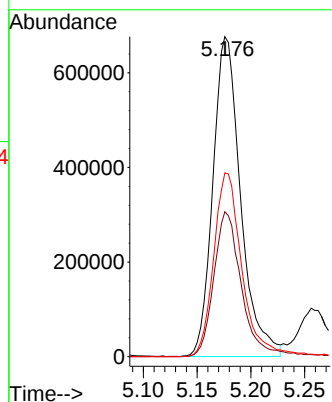
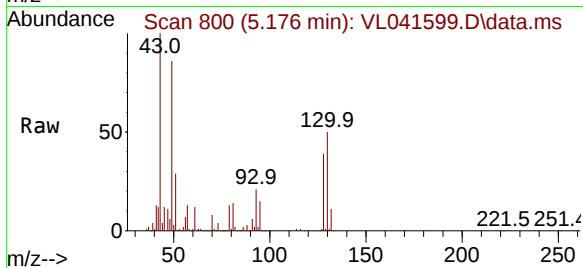
Tgt Ion: 49 Resp: 1211658

Ion Ratio Lower Upper

49 100

128 46.3 23.8 71.5

130 59.7 30.4 91.3



#2

Dichlorodifluoromethane

Concen: 9.183 ppbv

RT: 2.723 min Scan# 37

Delta R.T. 0.013 min

Lab File: VL041599.D

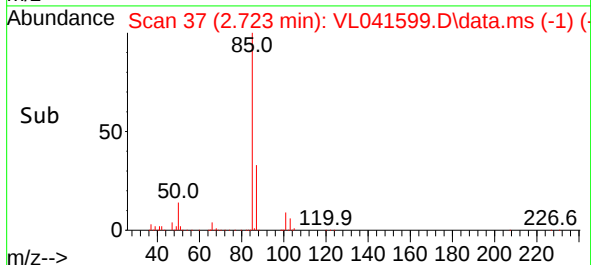
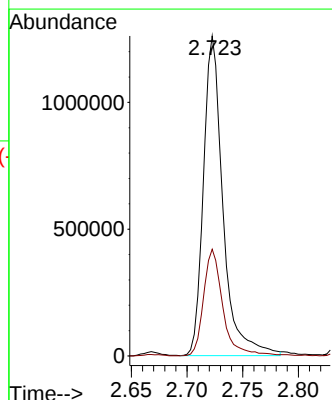
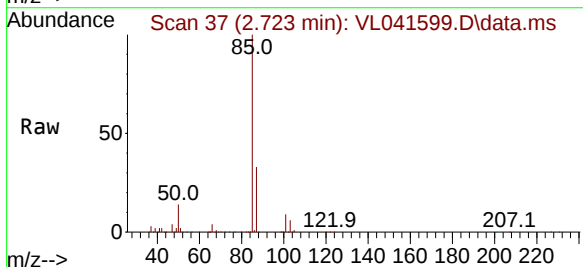
Acq: 16 Sep 2024 18:46

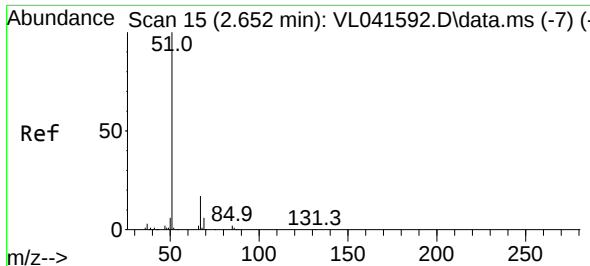
Tgt Ion: 85 Resp: 1544917

Ion Ratio Lower Upper

85 100

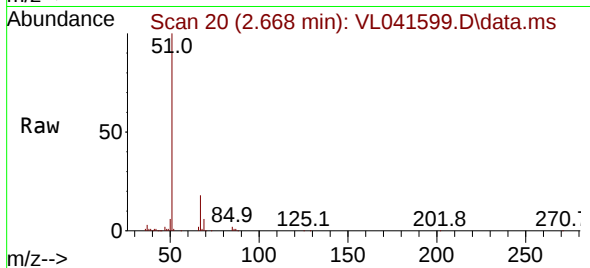
87 33.3 26.3 39.5



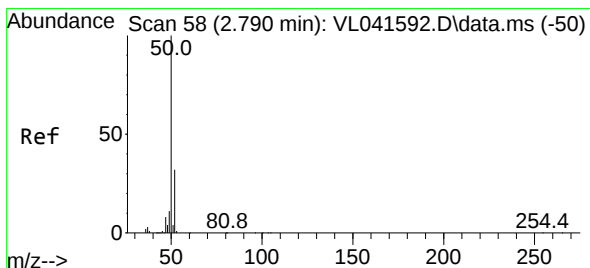
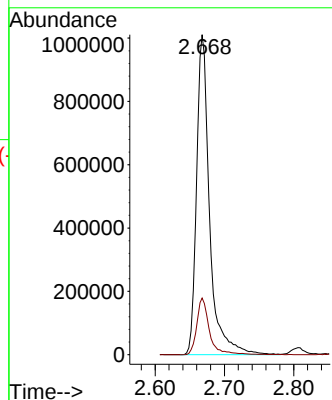
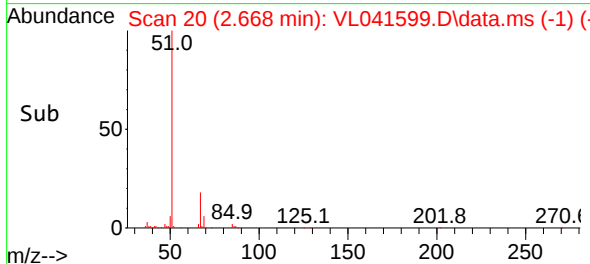


#3
Chlorodifluoromethane
Concen: 9.212 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :

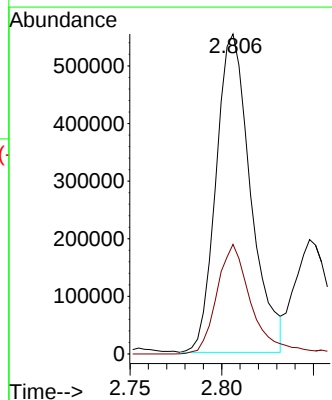
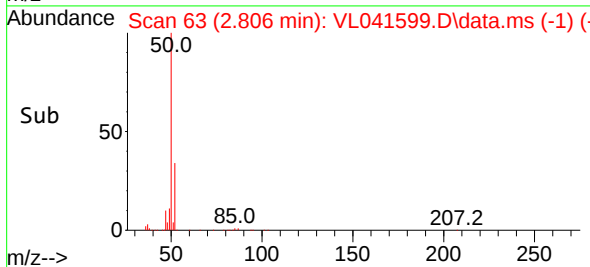
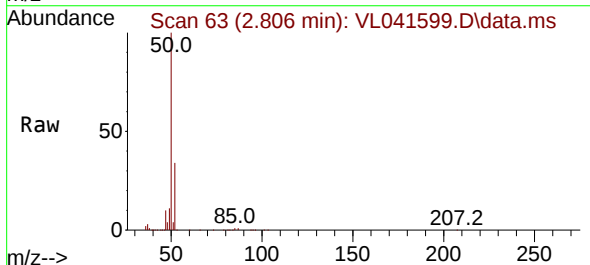


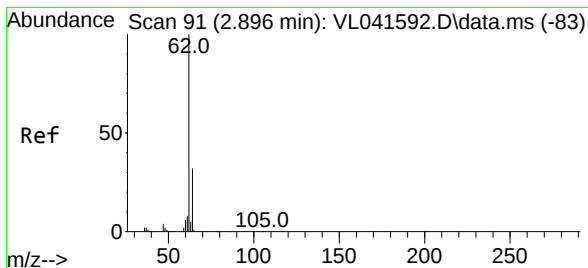
Tgt Ion: 51 Resp: 1323860
Ion Ratio Lower Upper
51 100
67 17.3 14.1 21.1



#4
Chloromethane
Concen: 9.320 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 50 Resp: 724772
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2





#5

Vinyl Chloride

Concen: 10.203 ppbv

RT: 2.912 min Scan# 90

Delta R.T. 0.016 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

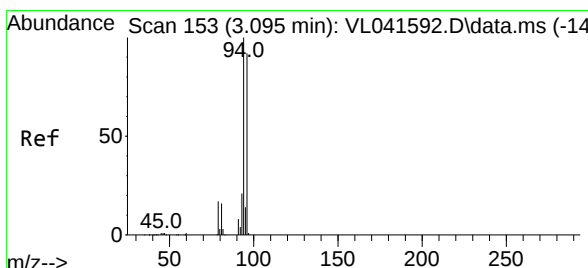
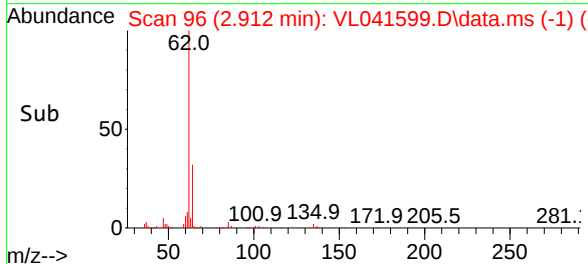
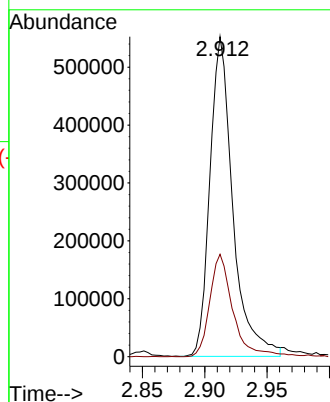
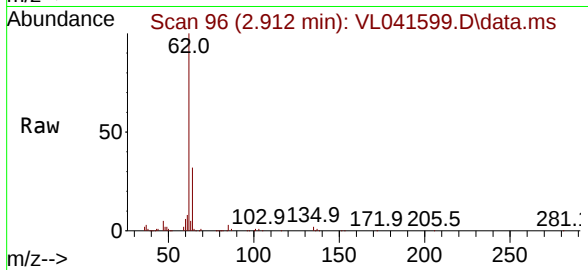
ClientSampleId :

Tgt Ion: 62 Resp: 707659

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0



#6

Bromomethane

Concen: 9.461 ppbv

RT: 3.108 min Scan# 157

Delta R.T. 0.013 min

Lab File: VL041599.D

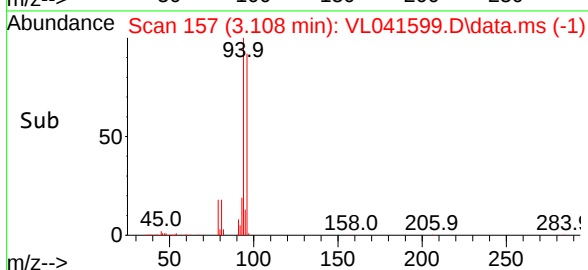
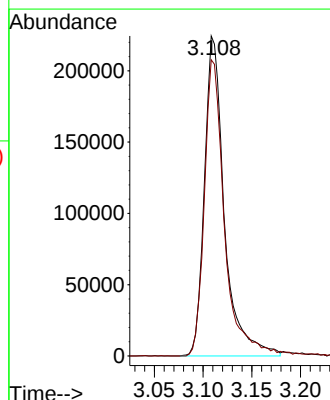
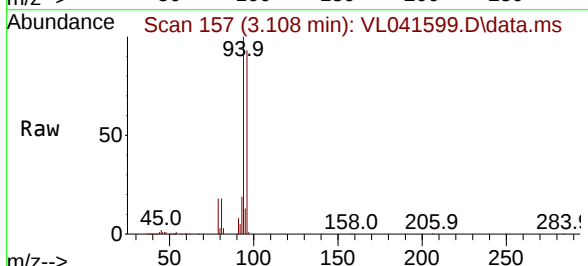
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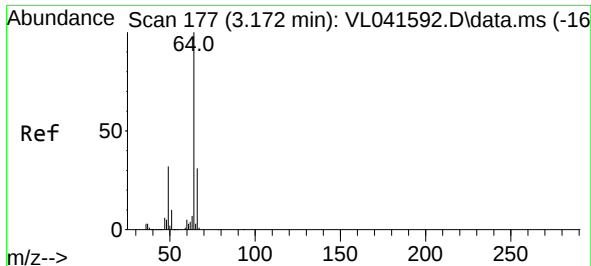
Tgt Ion: 94 Resp: 319232

Ion Ratio Lower Upper

94 100

96 92.5 73.4 110.2

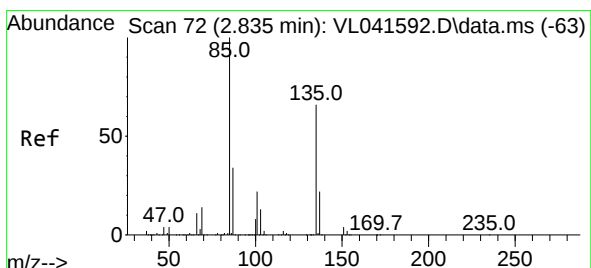
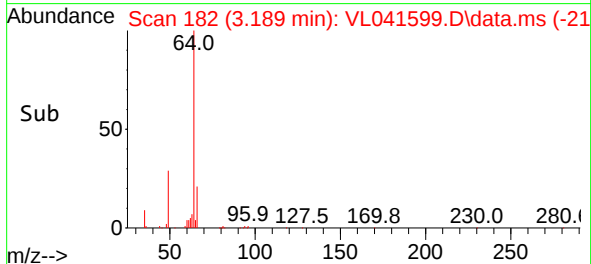
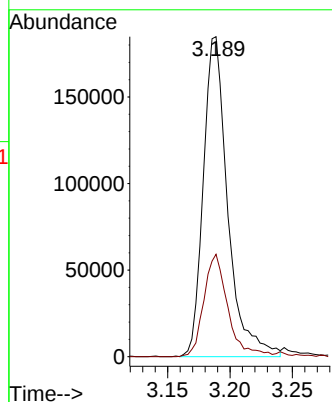
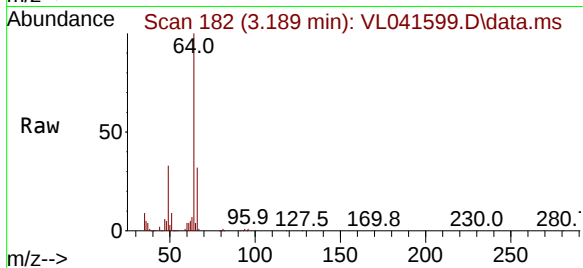




#7
Chloroethane
Concen: 9.645 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

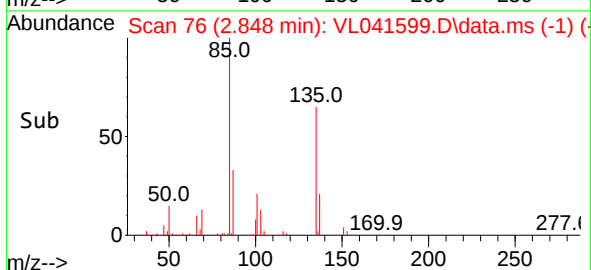
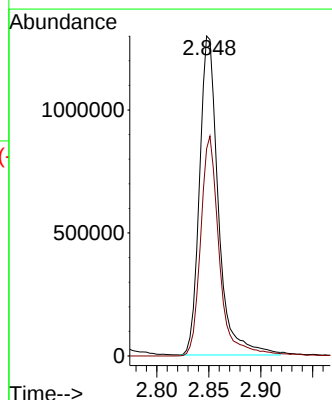
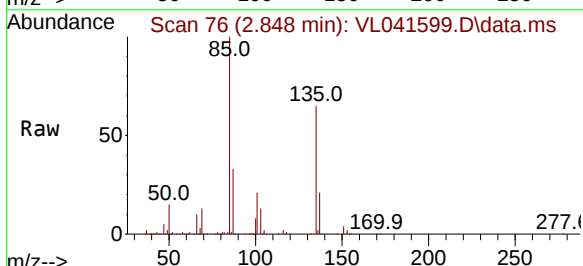
Instrument :
MSVOA_L
ClientSampleId :

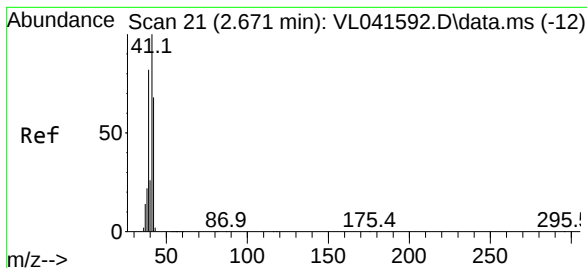
Tgt Ion: 64 Resp: 251821
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.120 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 85 Resp: 1641100
Ion Ratio Lower Upper
85 100
135 69.0 53.9 80.9





#9

Propene

Concen: 10.252 ppbv

RT: 2.687 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

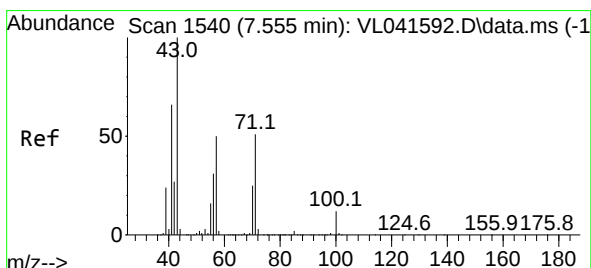
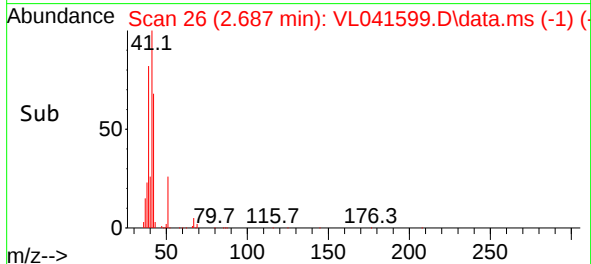
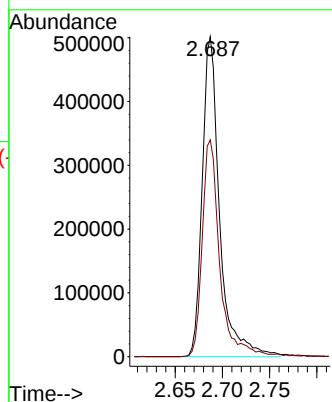
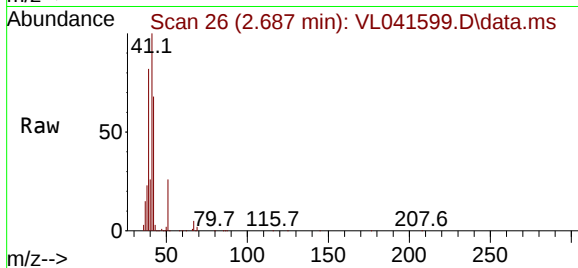
ClientSampleId :

Tgt Ion: 41 Resp: 640849

Ion Ratio Lower Upper

41 100

42 68.8 55.2 82.8



#10

Heptane

Concen: 10.627 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.010 min

Lab File: VL041599.D

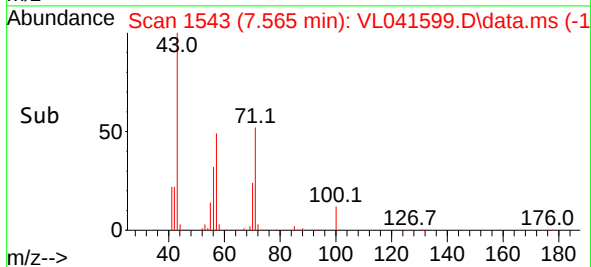
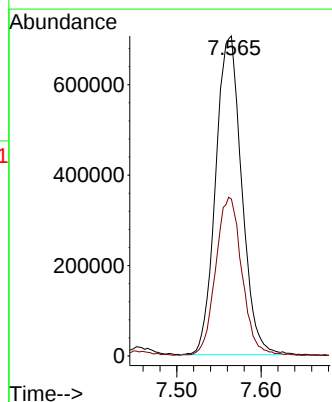
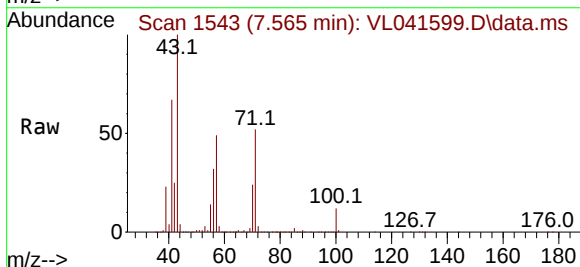
Acq: 16 Sep 2024 18:46

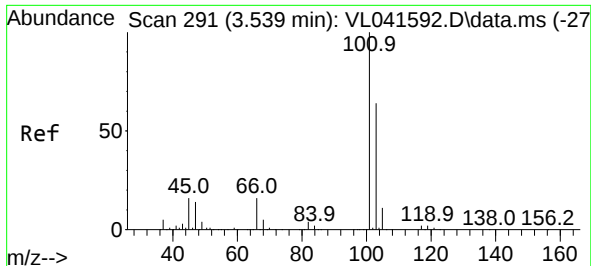
Tgt Ion: 43 Resp: 1512434

Ion Ratio Lower Upper

43 100

57 49.9 39.8 59.8

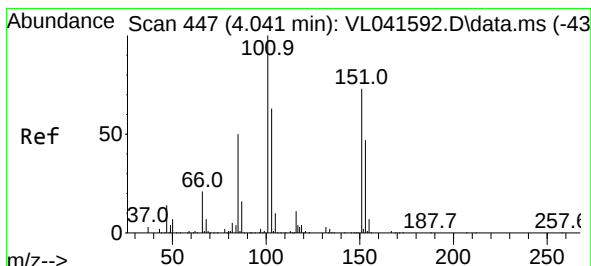
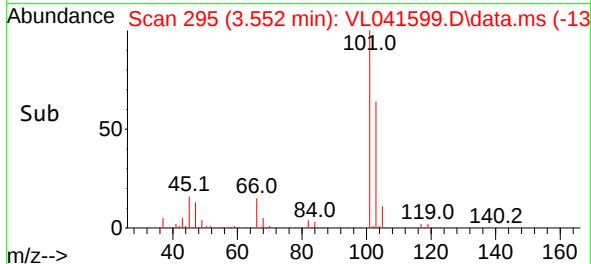
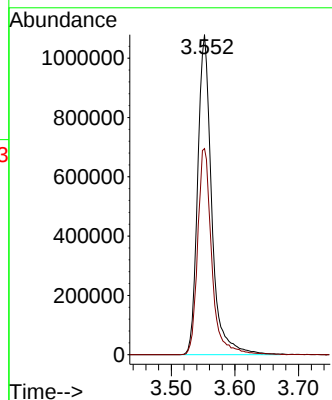
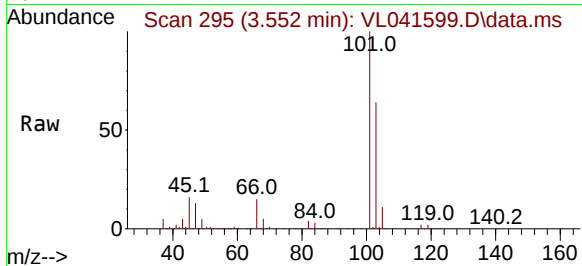




#11
 Trichlorofluoromethane
 Concen: 9.071 ppbv
 RT: 3.552 min Scan# 291
 Delta R.T. 0.013 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

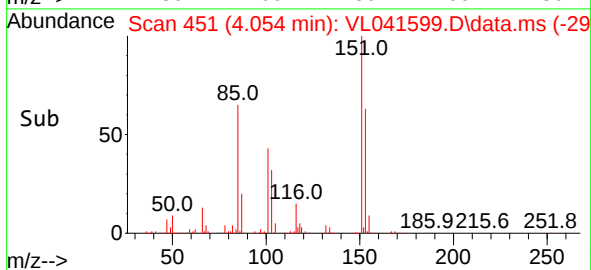
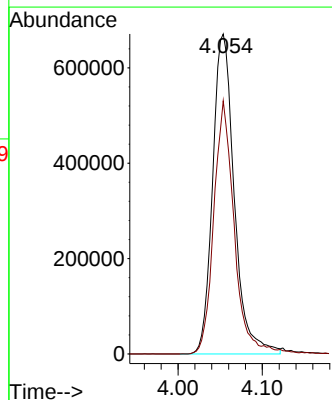
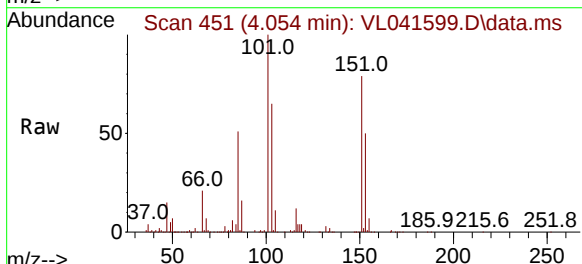
Instrument :
 MSVOA_L
 ClientSampleId :

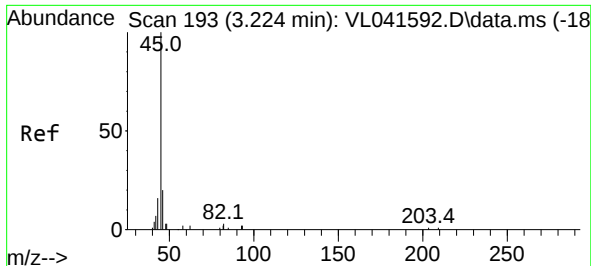
Tgt Ion:101 Resp: 1652570
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.063 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.013 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Tgt Ion:101 Resp: 1197204
 Ion Ratio Lower Upper
 101 100
 151 75.2 59.4 89.2

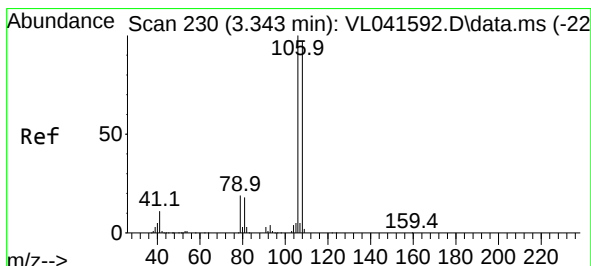
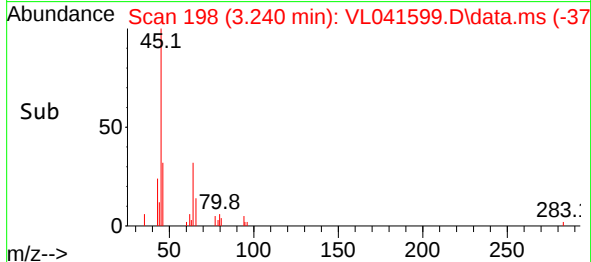
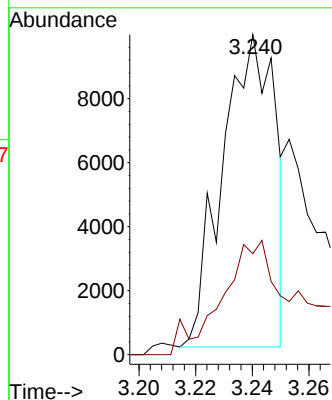
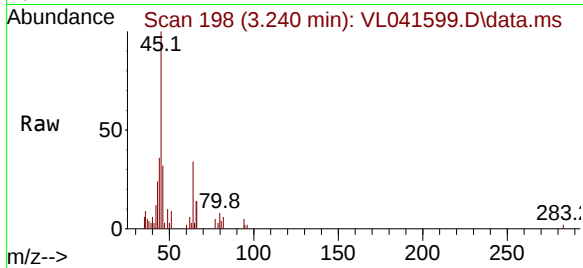




#13
Ethanol
Concen: 2.870 ppbv
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

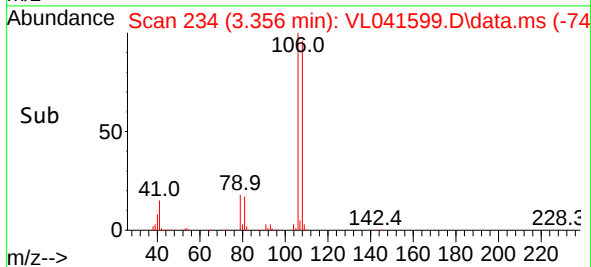
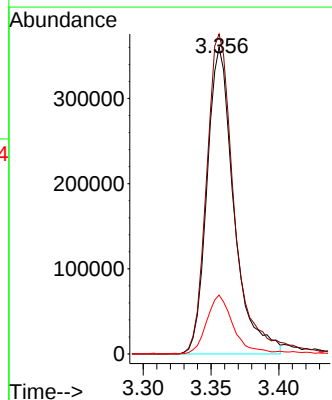
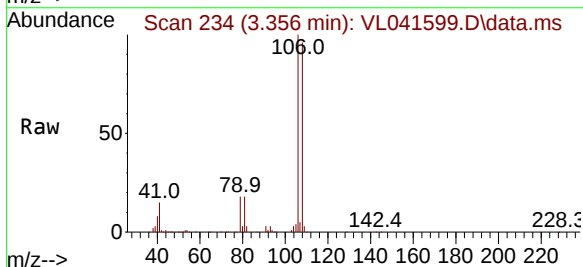
Instrument :
MSVOA_L
ClientSampleId :

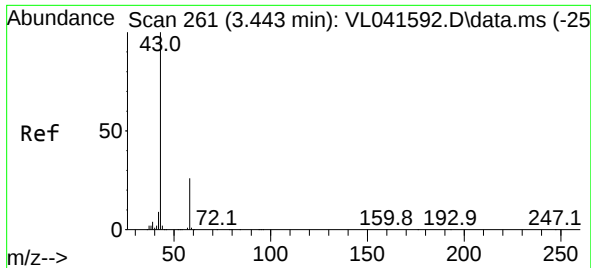
Tgt Ion: 45 Resp: 12598
Ion Ratio Lower Upper
45 100
46 66.8 15.2 60.8#



#14
Bromoethene
Concen: 9.795 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion:108 Resp: 497665
Ion Ratio Lower Upper
108 100
106 109.8 86.5 129.7
79 19.9 16.2 24.4

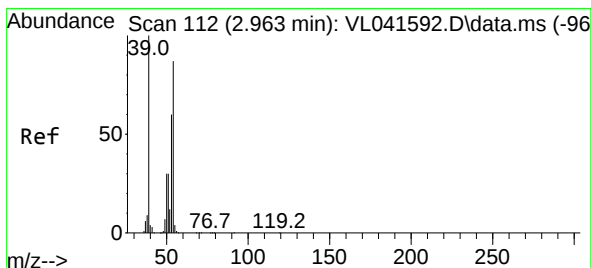
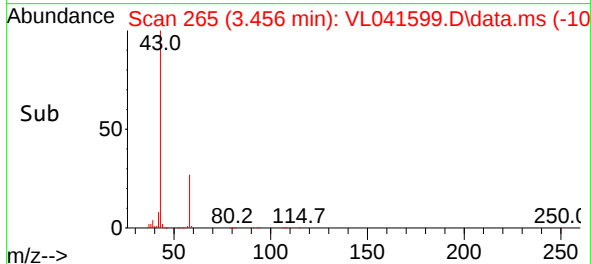
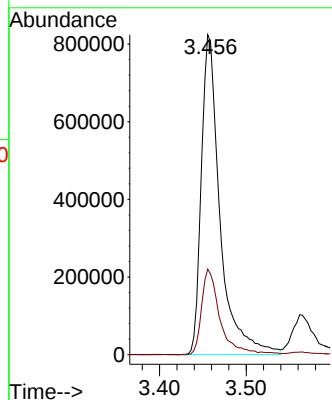
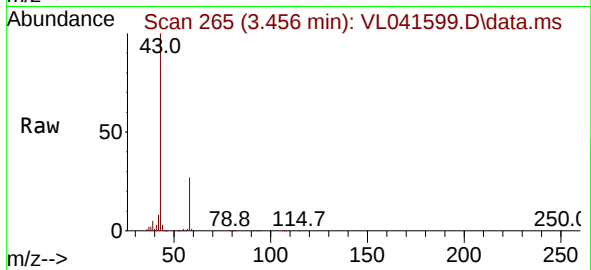




#15
Acetone
Concen: 8.929 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

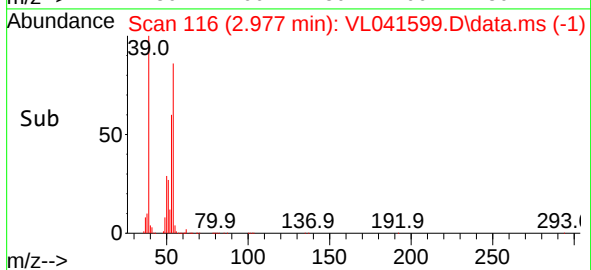
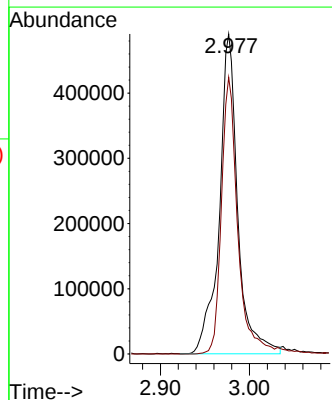
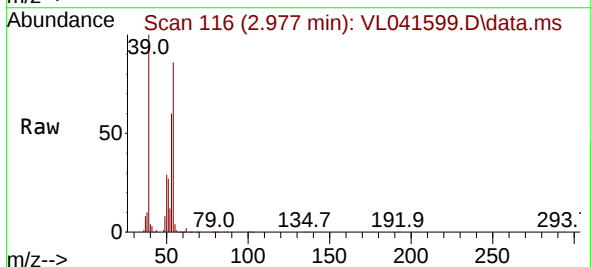
Instrument :
MSVOA_L
ClientSampleId :

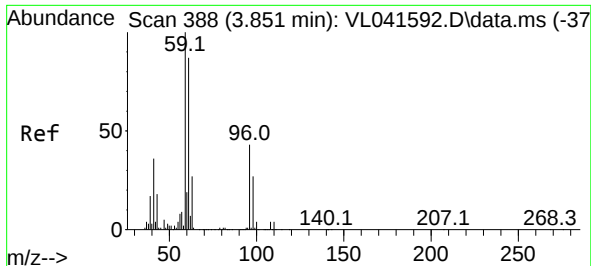
Tgt Ion: 43 Resp: 1235854
Ion Ratio Lower Upper
43 100
58 26.6 21.5 32.3



#16
1,3-Butadiene
Concen: 10.023 ppbv
RT: 2.977 min Scan# 116
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 39 Resp: 708349
Ion Ratio Lower Upper
39 100
54 77.8 62.9 94.3





#17

tert-Butyl alcohol

Concen: 10.186 ppbv

RT: 3.864 min Scan# 391

Delta R.T. 0.013 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

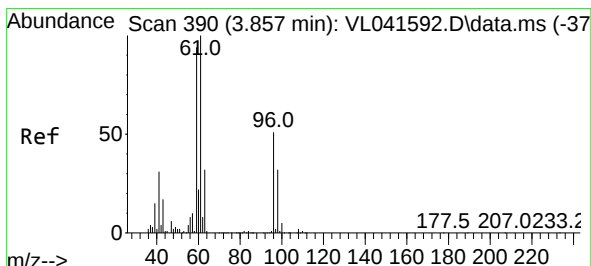
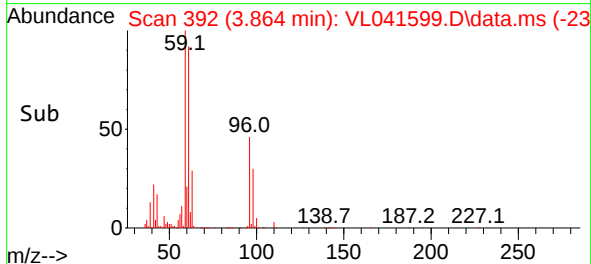
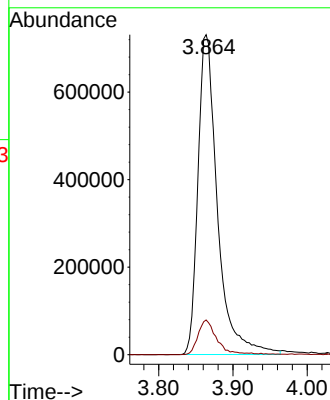
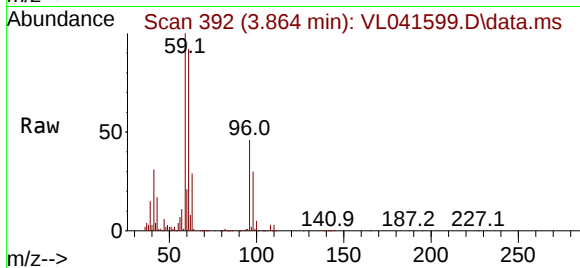
ClientSampleId :

Tgt Ion: 59 Resp: 1338127

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.157 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.010 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

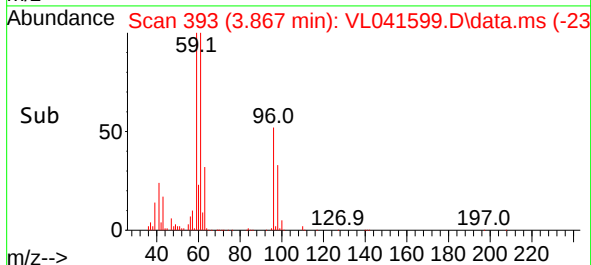
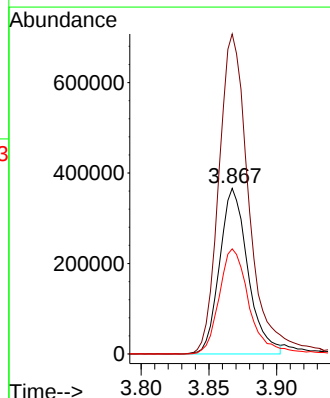
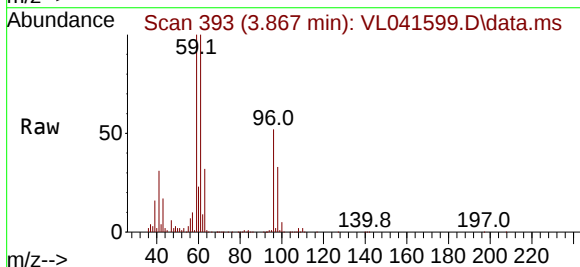
Tgt Ion: 96 Resp: 531734

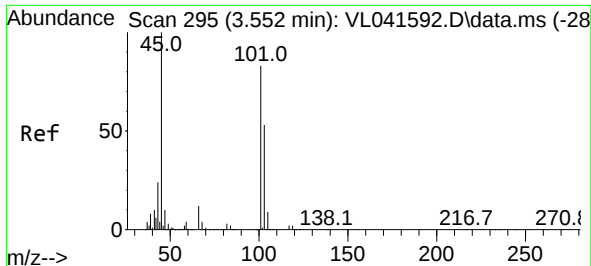
Ion Ratio Lower Upper

96 100

61 193.2 155.6 233.4

98 63.5 50.6 75.8

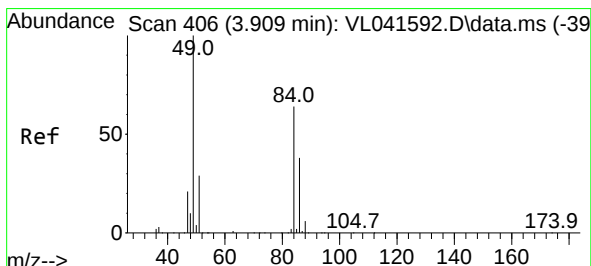
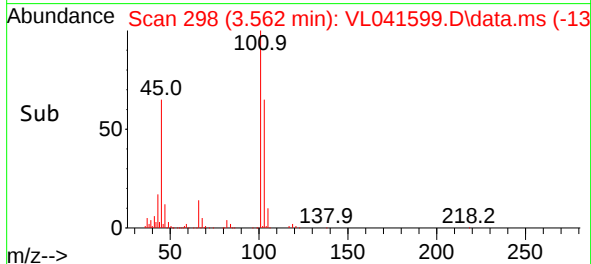
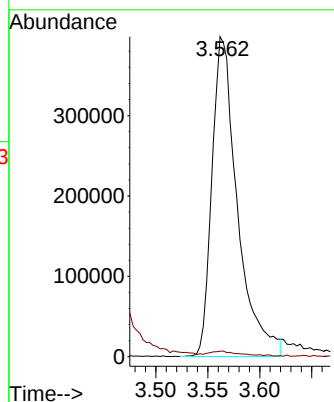
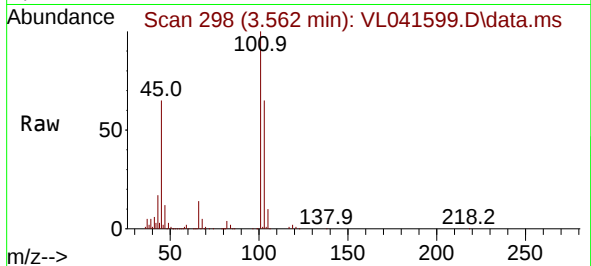




#19
Isopropyl Alcohol
Concen: 9.099 ppbv
RT: 3.562 min Scan# 295
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

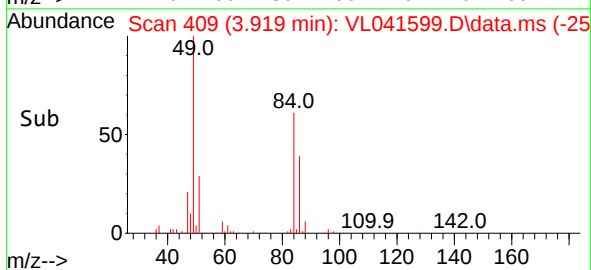
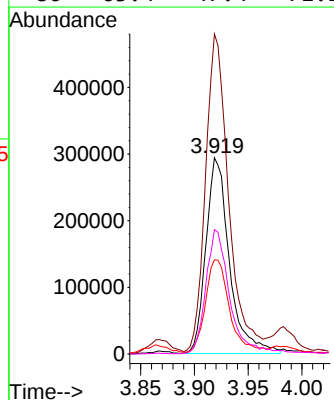
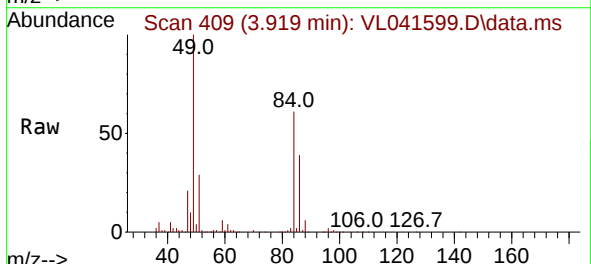
Instrument :
MSVOA_L
ClientSampleId :

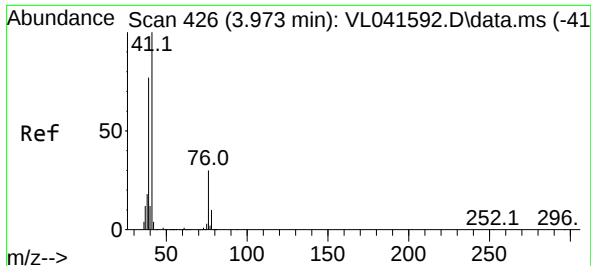
Tgt Ion: 45 Resp: 679011
Ion Ratio Lower Upper
45 100
58 3.1 2.1 3.1



#20
Methylene Chloride
Concen: 8.402 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 84 Resp: 447442
Ion Ratio Lower Upper
84 100
49 161.6 124.3 186.5
51 47.0 36.3 54.5
86 63.4 47.4 71.2

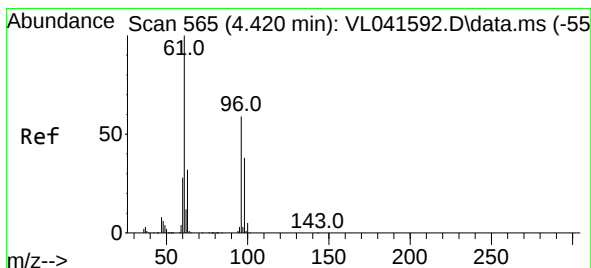
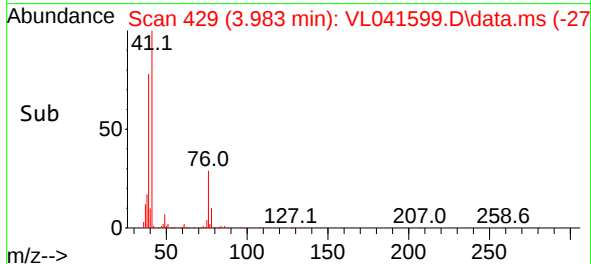
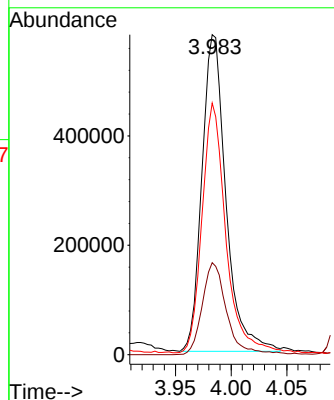
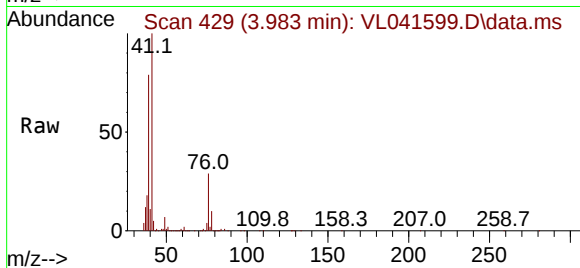




#21
Allyl Chloride
Concen: 9.872 ppbv
RT: 3.983 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

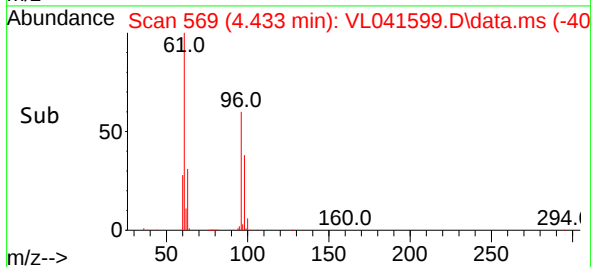
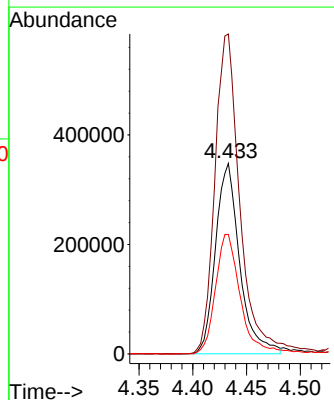
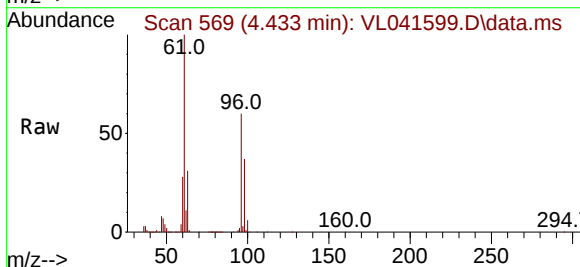
Instrument :
MSVOA_L
ClientSampleId :

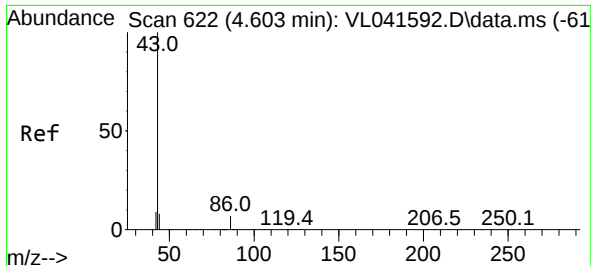
Tgt Ion: 41 Resp: 870229
Ion Ratio Lower Upper
41 100
76 29.5 23.8 35.6
39 79.7 63.9 95.9



#22
trans-1,2-Dichloroethene
Concen: 9.700 ppbv
RT: 4.433 min Scan# 569
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 96 Resp: 544525
Ion Ratio Lower Upper
96 100
61 168.0 135.7 203.5
98 62.8 50.9 76.3

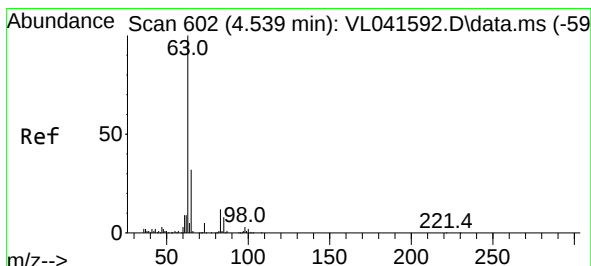
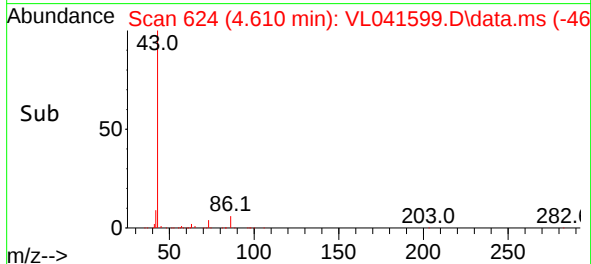
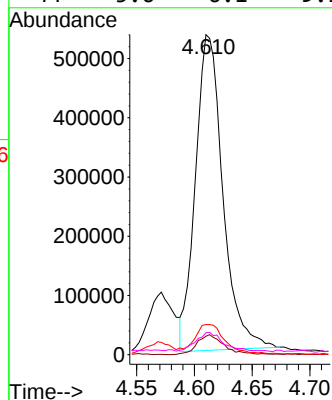
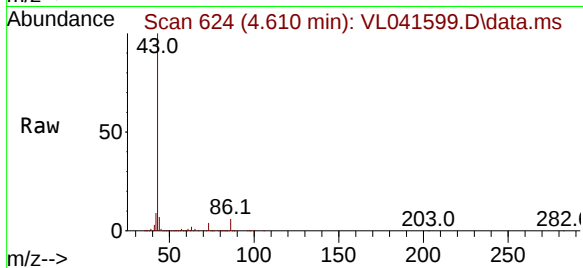




#23
 Vinyl Acetate
 Concen: 10.698 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

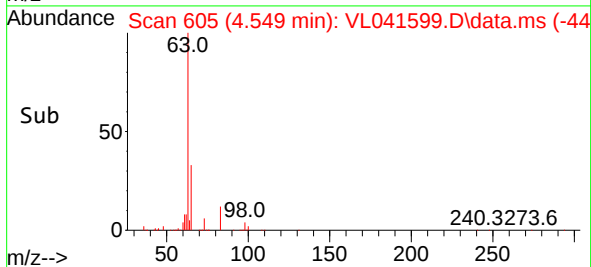
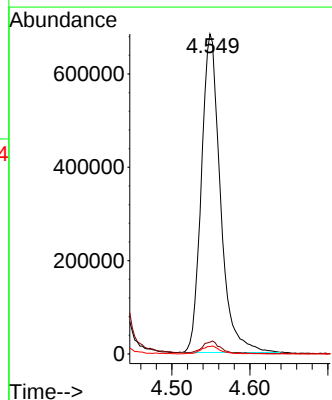
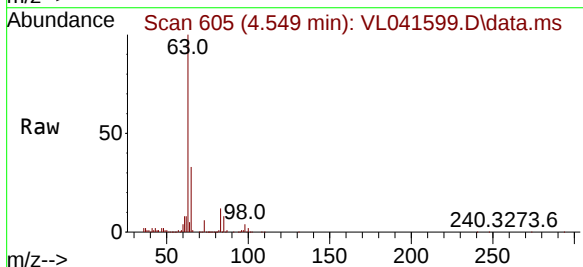
Instrument :
 MSVOA_L
 ClientSampleId :

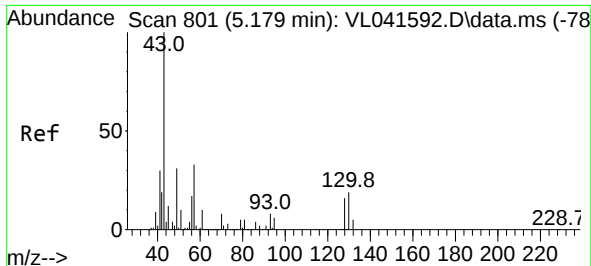
Tgt Ion: 43 Resp: 879864
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.9 7.3
 42 9.3 8.0 12.0
 44 5.6 6.1 9.1#



#24
 1,1-Dichloroethane
 Concen: 9.399 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.010 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

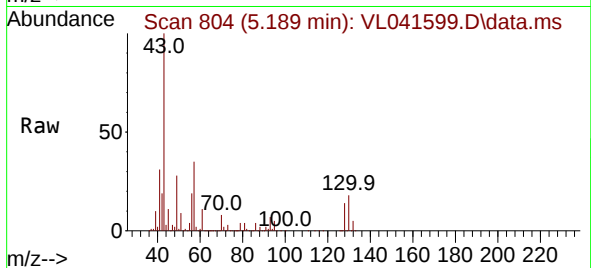
Tgt Ion: 63 Resp: 1155920
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.7 5.1
 100 2.3 1.1 3.3





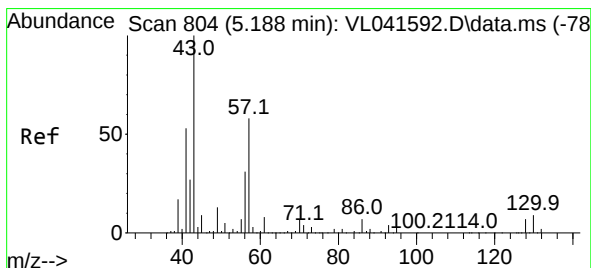
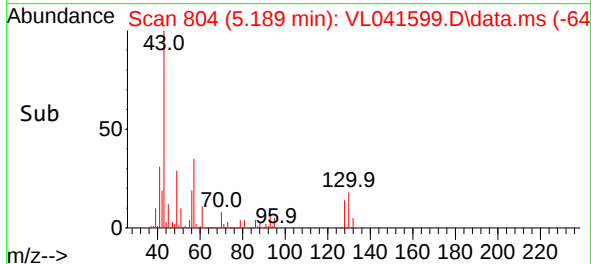
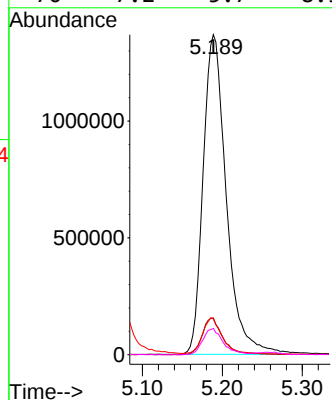
#25
Ethyl Acetate
Concen: 10.053 ppbv
RT: 5.189 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2756002

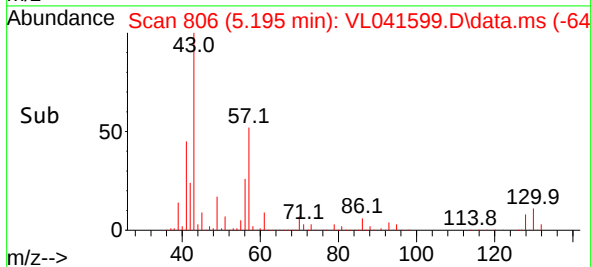
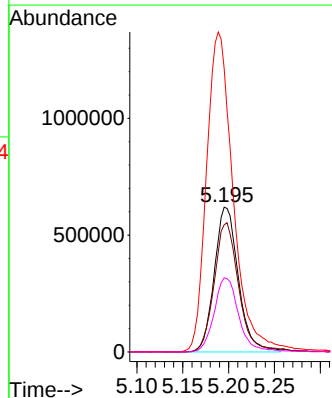
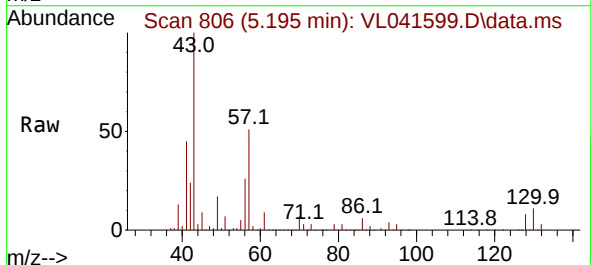
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.5	8.0	12.0
70	7.2	5.7	8.5

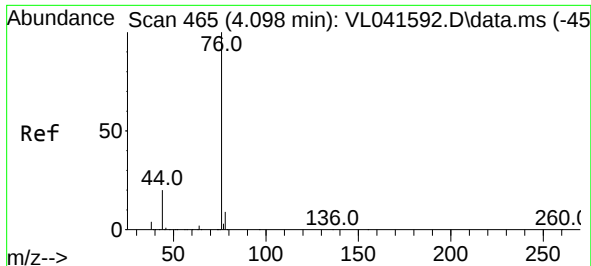


#26
Hexane
Concen: 10.182 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 57 Resp: 1129442

Ion	Ratio	Lower	Upper
57	100		
41	92.1	75.7	113.5
43	246.9	198.5	297.7
56	52.8	44.1	66.1





#27

Carbon Disulfide

Concen: 10.804 ppbv

RT: 4.112 min Scan# 4

Delta R.T. 0.013 min

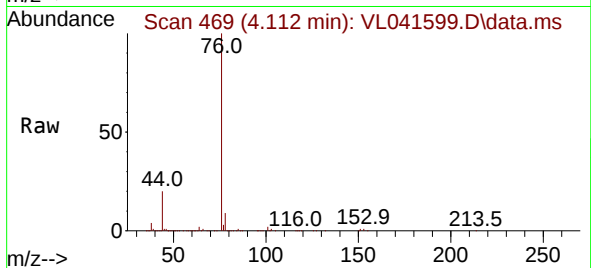
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :



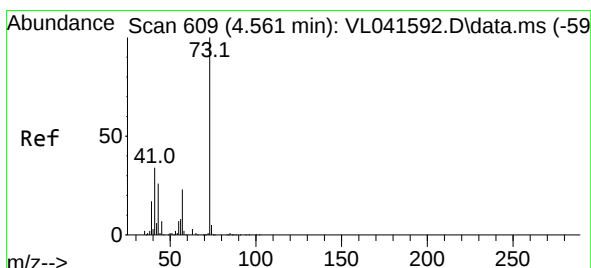
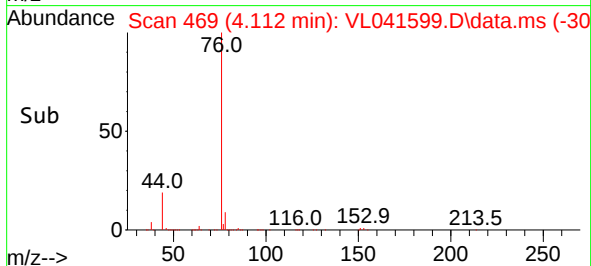
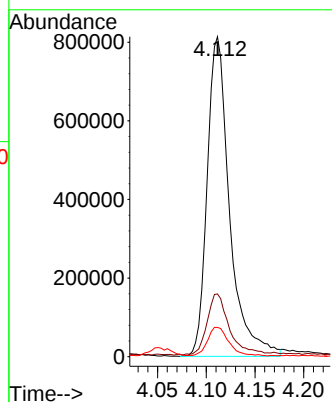
Tgt Ion: 76 Resp: 1301729

Ion Ratio Lower Upper

76 100

44 20.2 15.8 23.8

78 9.1 7.5 11.3



#28

Methyl tert-Butyl Ether

Concen: 10.279 ppbv

RT: 4.571 min Scan# 612

Delta R.T. 0.010 min

Lab File: VL041599.D

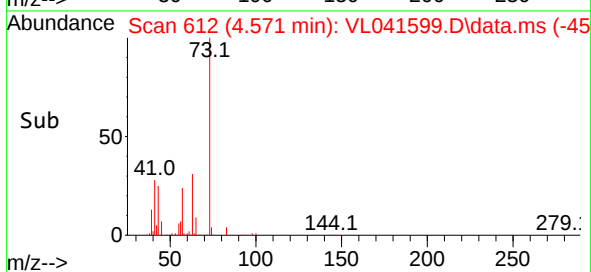
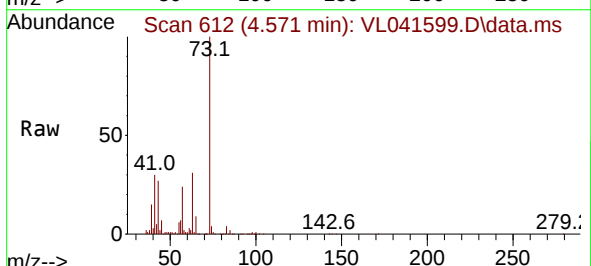
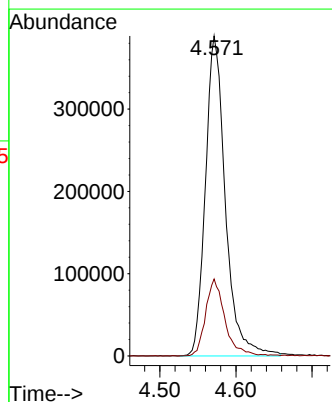
Acq: 16 Sep 2024 18:46

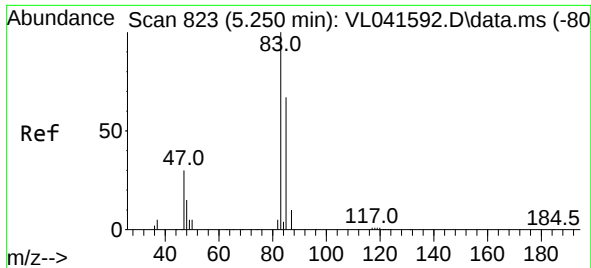
Tgt Ion: 73 Resp: 708243

Ion Ratio Lower Upper

73 100

57 23.6 19.3 28.9





#29

Chloroform

Concen: 9.222 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

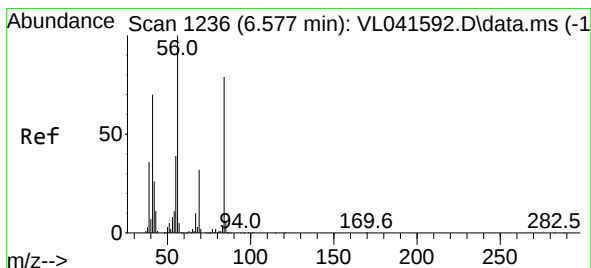
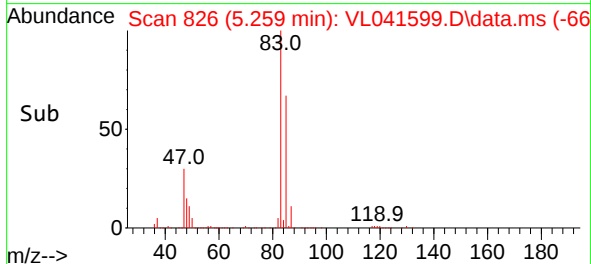
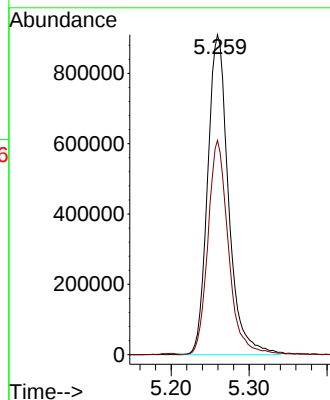
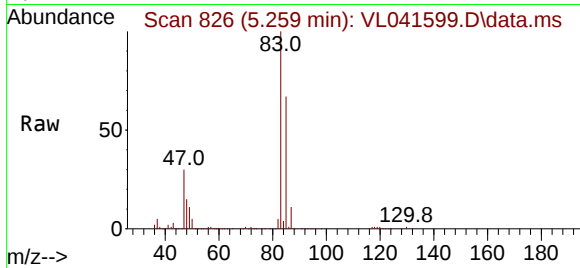
ClientSampleId :

Tgt Ion: 83 Resp: 1692873

Ion Ratio Lower Upper

83 100

85 66.8 53.8 80.6



#30

Cyclohexane

Concen: 10.778 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

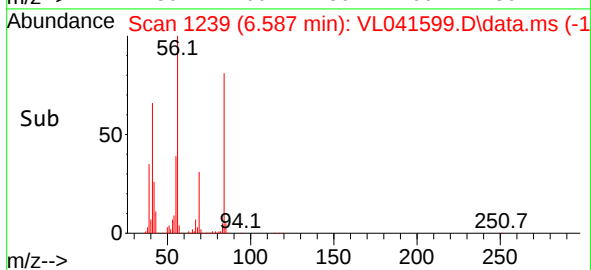
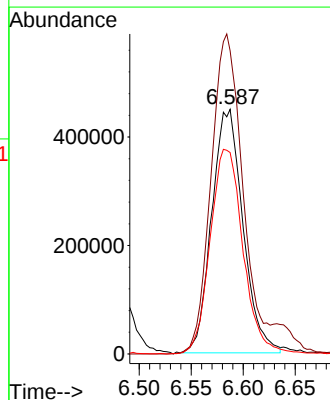
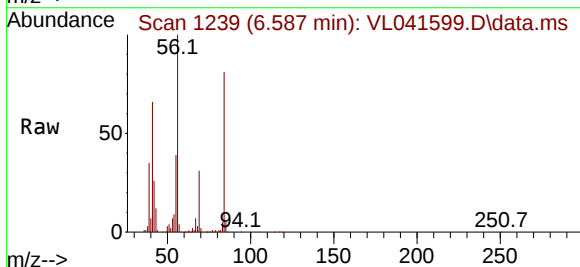
Tgt Ion: 84 Resp: 939832

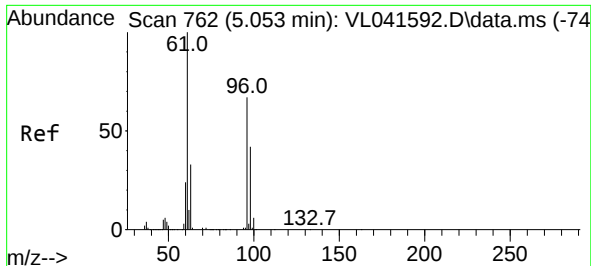
Ion Ratio Lower Upper

84 100

56 142.1 111.5 167.3

41 88.1 70.9 106.3

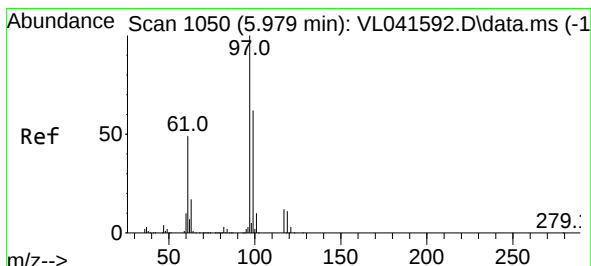
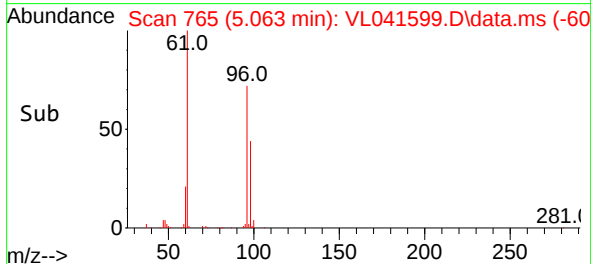
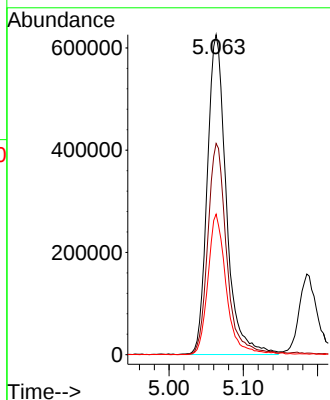
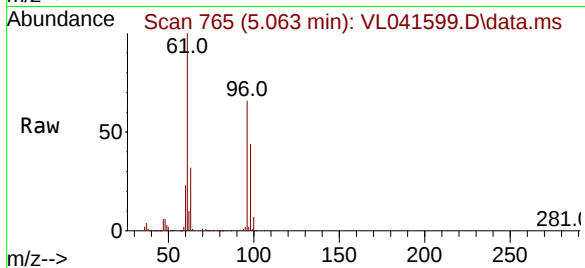




#31
 cis-1,2-Dichloroethene
 Concen: 10.353 ppbv
 RT: 5.063 min Scan# 762
 Delta R.T. 0.010 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

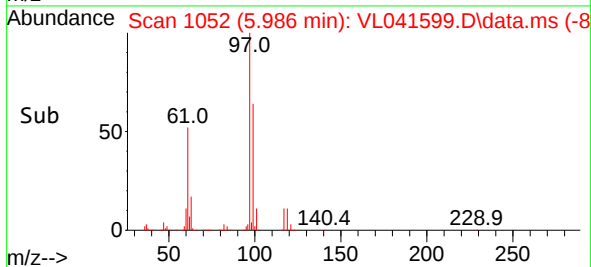
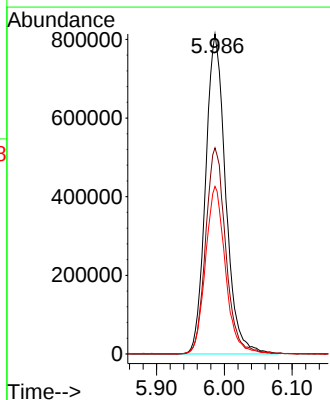
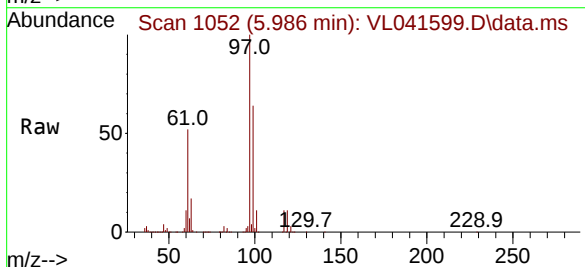
Instrument :
 MSVOA_L
 ClientSampleId :

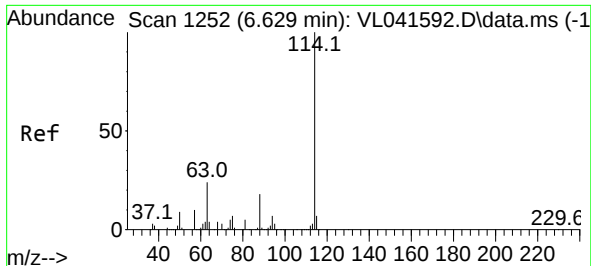
Tgt Ion: 61 Resp: 1109424
 Ion Ratio Lower Upper
 61 100
 96 66.0 53.5 80.3
 98 43.9 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 10.243 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.007 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Tgt Ion: 97 Resp: 1671780
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.4
 61 52.5 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

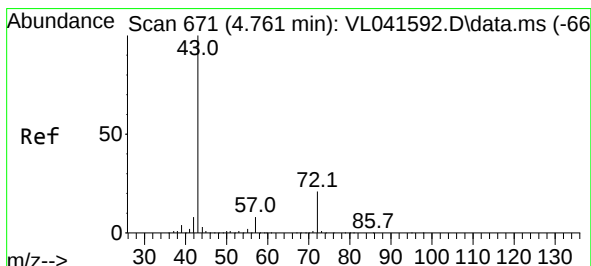
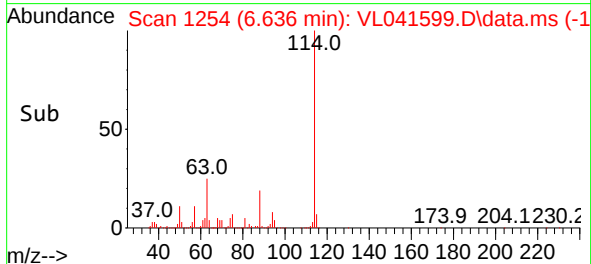
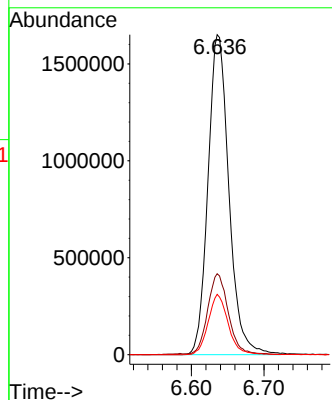
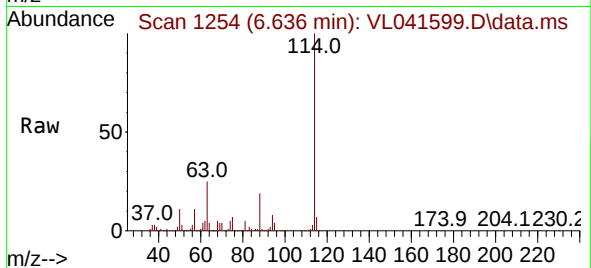
Tgt Ion:114 Resp: 3308799

Ion Ratio Lower Upper

114 100

63 25.5 20.2 30.2

88 18.1 14.2 21.4



#34

2-Butanone

Concen: 10.523 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.010 min

Lab File: VL041599.D

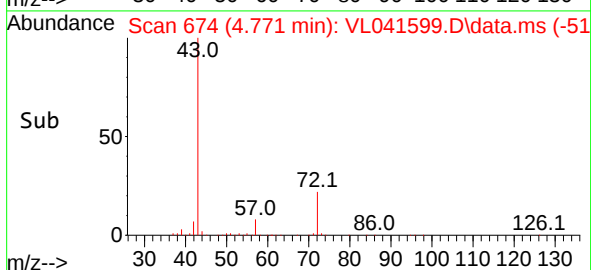
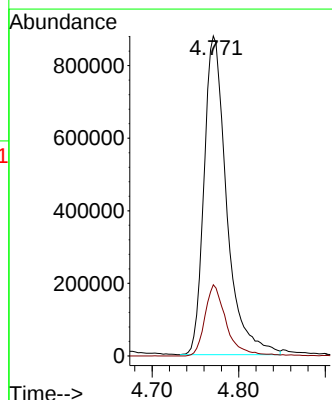
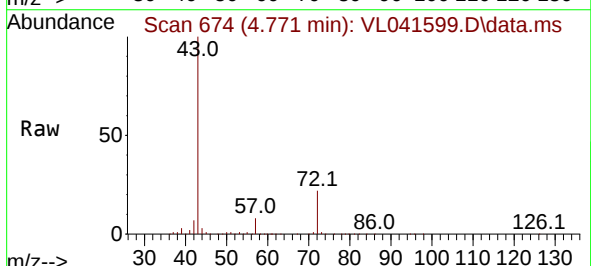
Acq: 16 Sep 2024 18:46

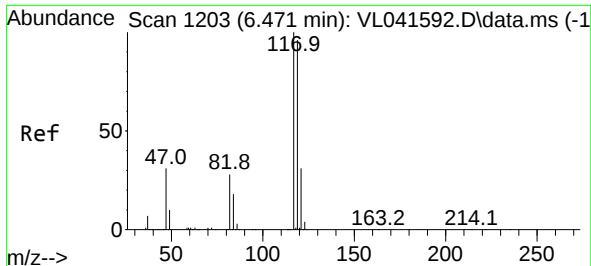
Tgt Ion: 43 Resp: 1595025

Ion Ratio Lower Upper

43 100

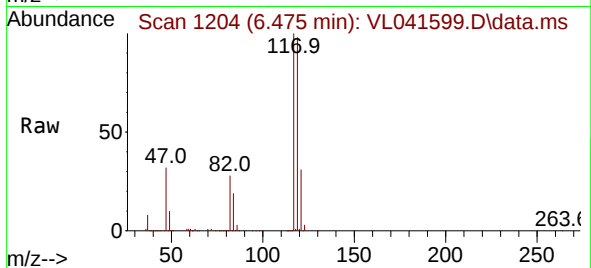
72 21.4 16.8 25.2





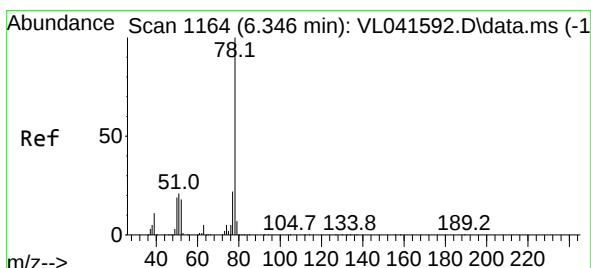
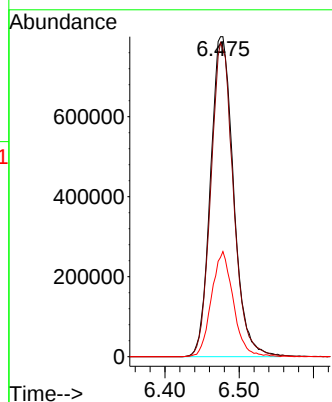
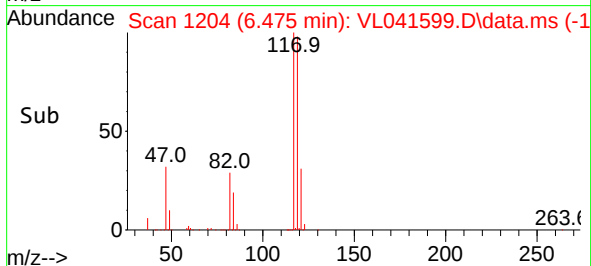
#35
Carbon Tetrachloride
Concen: 10.813 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 1729977

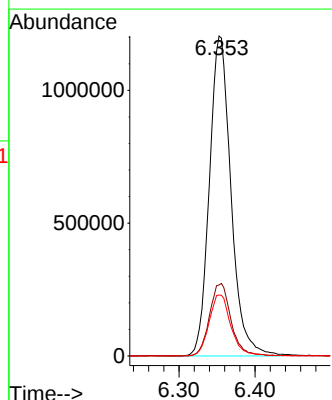
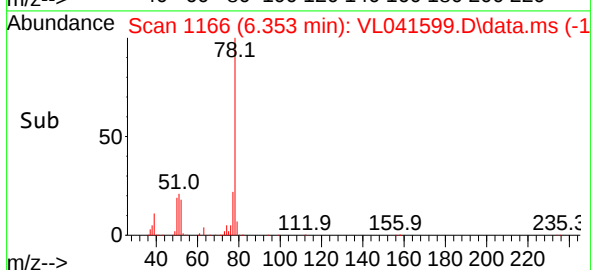
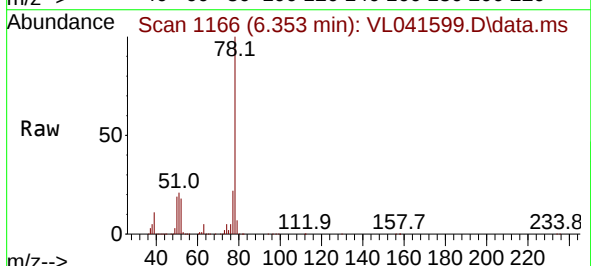
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.8	115.2
121	31.1	25.0	37.6

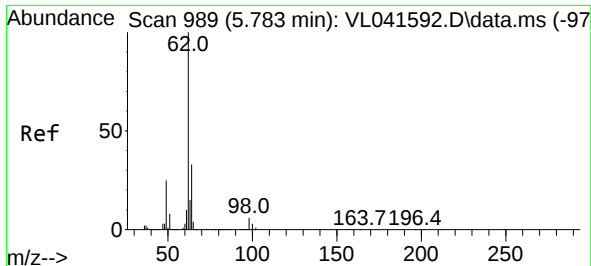


#36
Benzene
Concen: 10.443 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 78 Resp: 2377400

Ion	Ratio	Lower	Upper
78	100		
77	22.2	17.8	26.6
50	19.1	15.4	23.0





#37

1,2-Dichloroethane

Concen: 9.844 ppbv

RT: 5.790 min Scan# 989

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

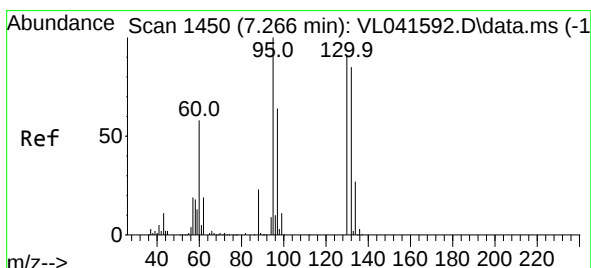
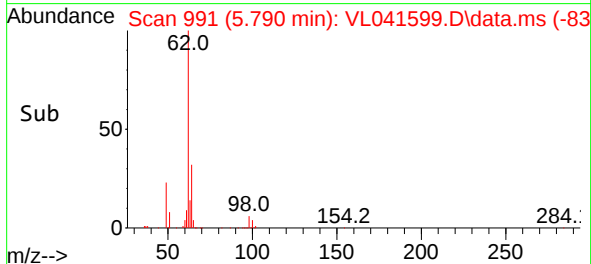
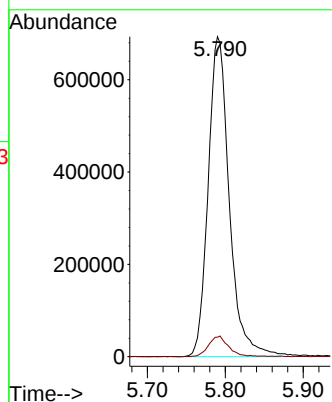
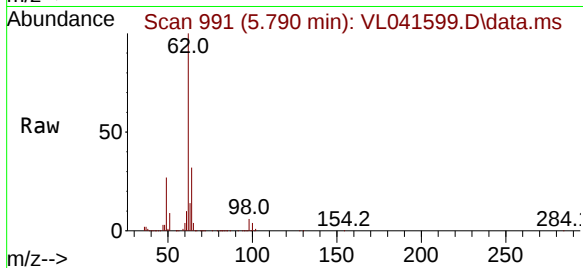
ClientSampleId :

Tgt Ion: 62 Resp: 1303965

Ion Ratio Lower Upper

62 100

98 6.3 4.8 7.2



#38

Trichloroethene

Concen: 10.351 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion:130 Resp: 1220709

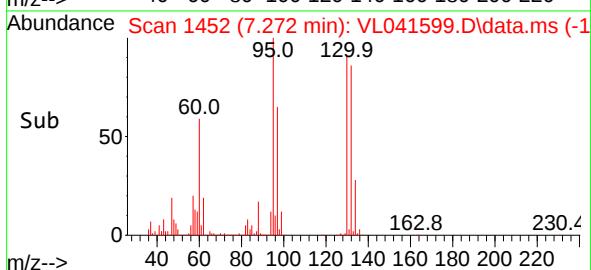
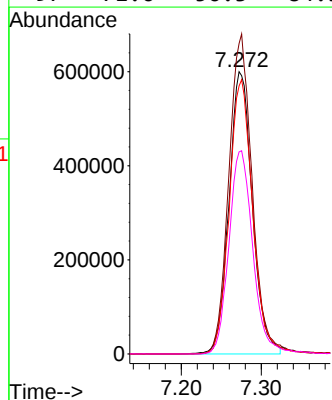
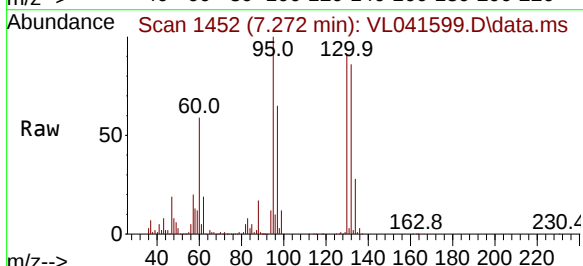
Ion Ratio Lower Upper

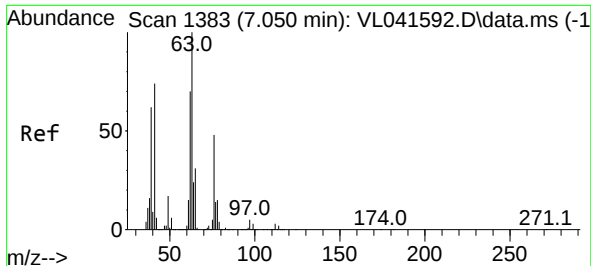
130 100

95 109.9 87.7 131.5

132 94.9 74.5 111.7

97 71.6 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.982 ppbv

RT: 7.057 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

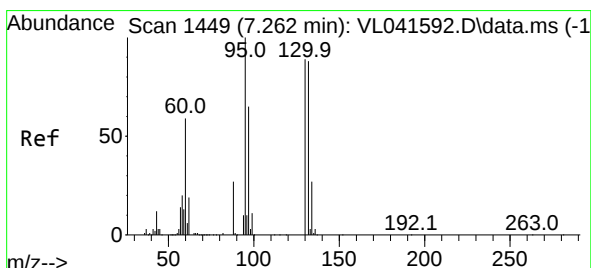
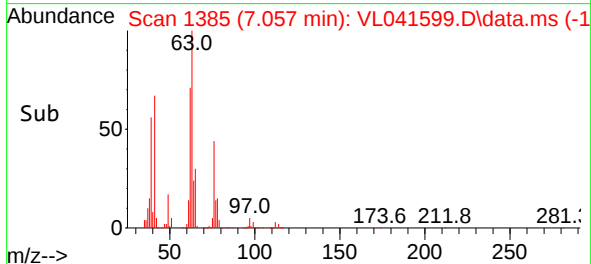
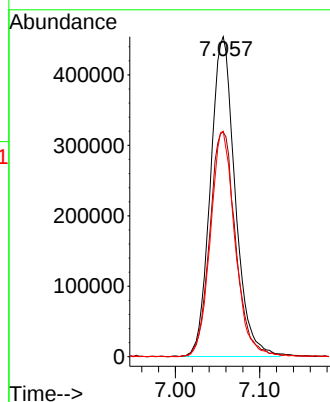
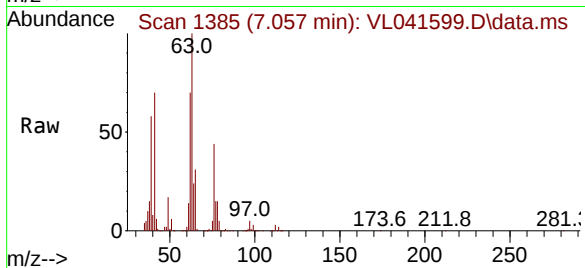
Tgt Ion: 63 Resp: 924715

Ion Ratio Lower Upper

63 100

41 70.2 59.5 89.3

62 70.5 56.2 84.2



#40

1,4-Dioxane

Concen: 7.324 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion: 88 Resp: 243004

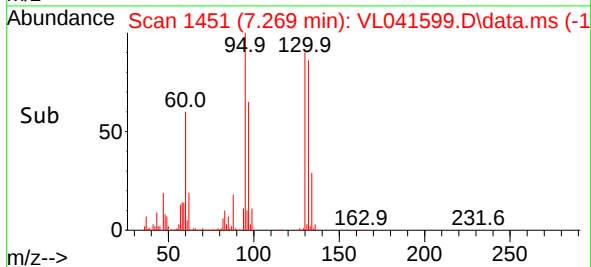
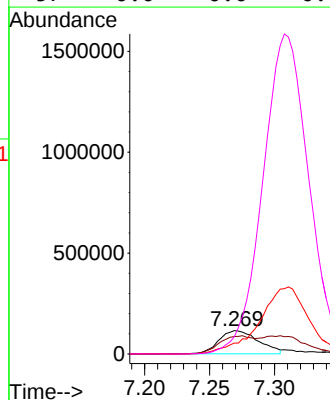
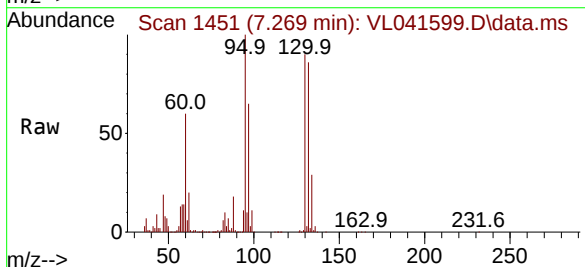
Ion Ratio Lower Upper

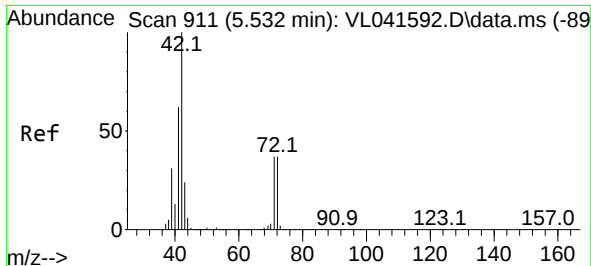
88 100

58 0.0 100.2 150.4#

43 0.0 0.0 0.0

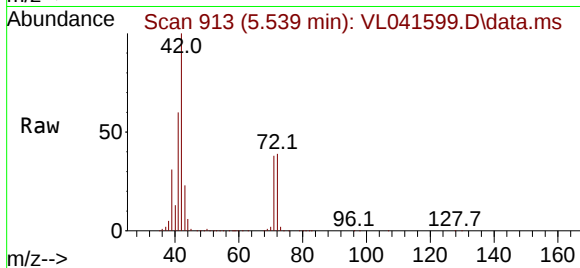
57 0.0 0.0 0.0



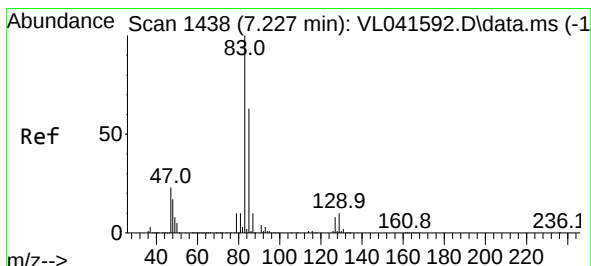
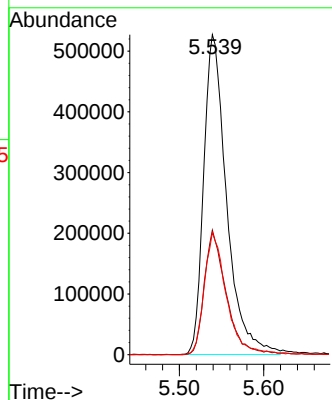
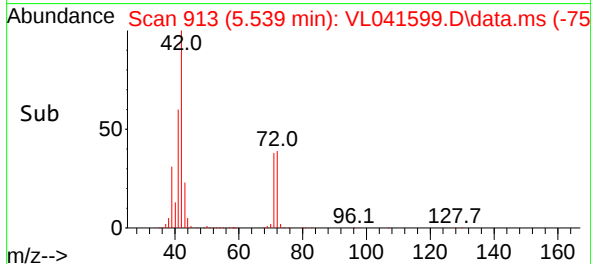


#41
Tetrahydrofuran
Concen: 11.463 ppbv
RT: 5.539 min Scan# 911
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

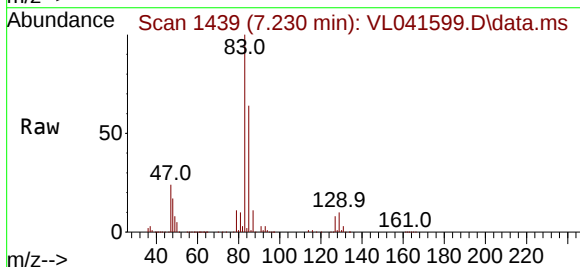
Instrument :
MSVOA_L
ClientSampleId :



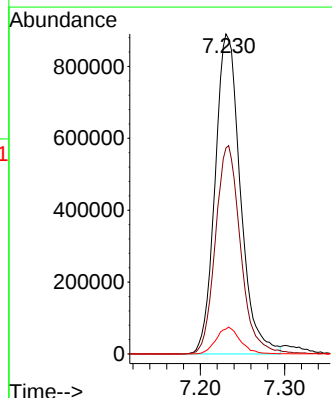
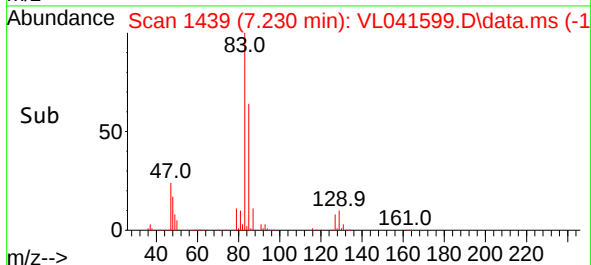
Tgt Ion: 42 Resp: 998000
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.2
71 37.4 29.6 44.4

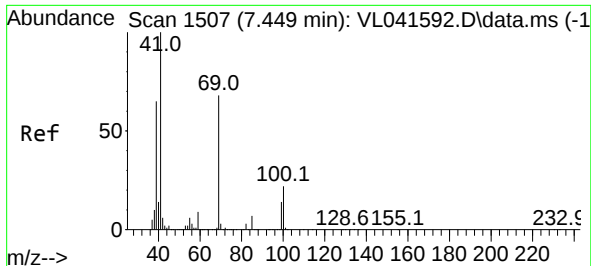


#42
Bromodichloromethane
Concen: 10.228 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



Tgt Ion: 83 Resp: 1853470
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 7.8 6.5 9.7

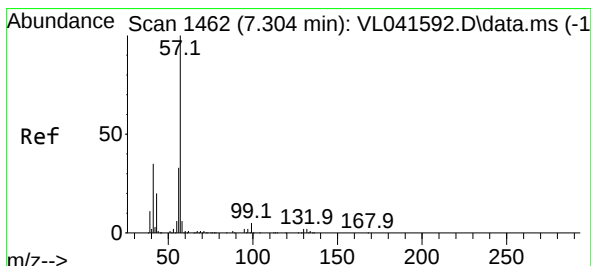
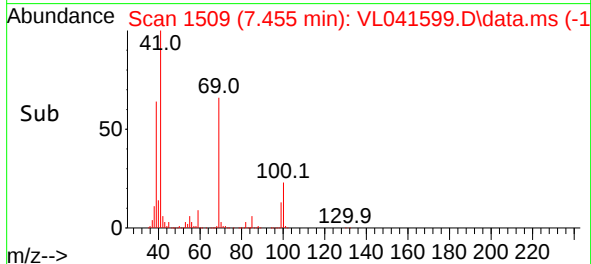
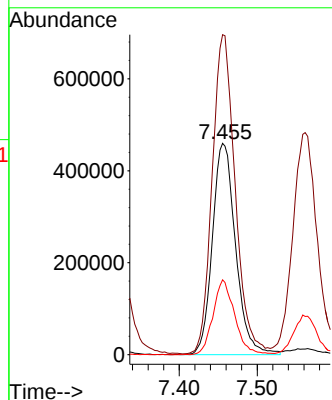
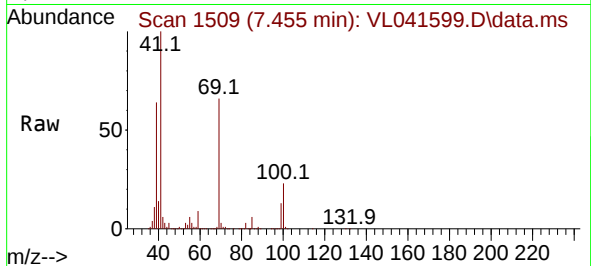




#43
Methyl Methacrylate
Concen: 11.572 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

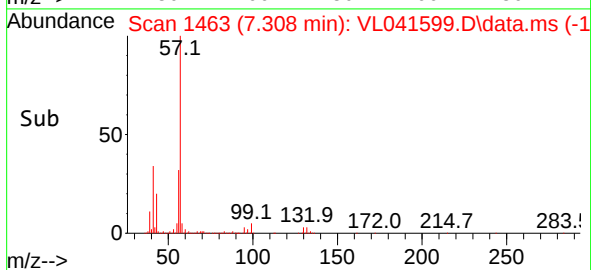
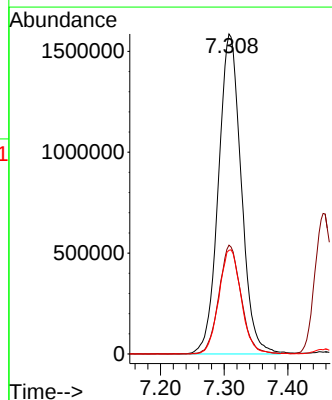
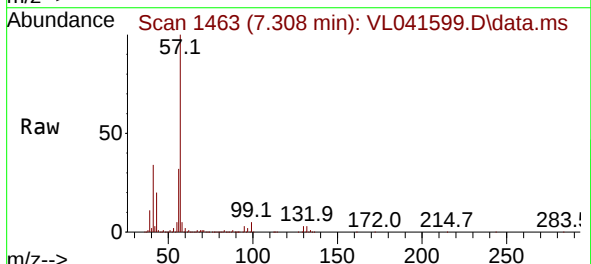
Instrument :
MSVOA_L
ClientSampleId :

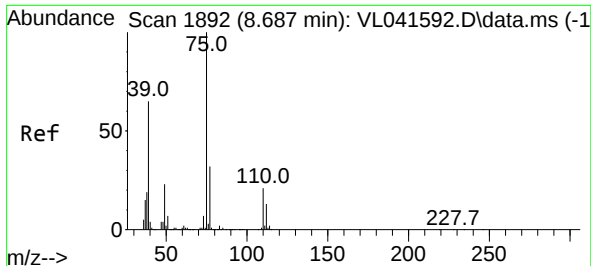
Tgt Ion: 69 Resp: 952193
Ion Ratio Lower Upper
69 100
41 149.7 121.8 182.6
100 33.0 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 10.067 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 57 Resp: 3942109
Ion Ratio Lower Upper
57 100
41 33.1 27.0 40.6
56 32.0 25.5 38.3

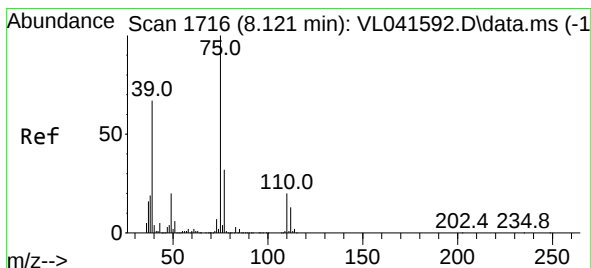
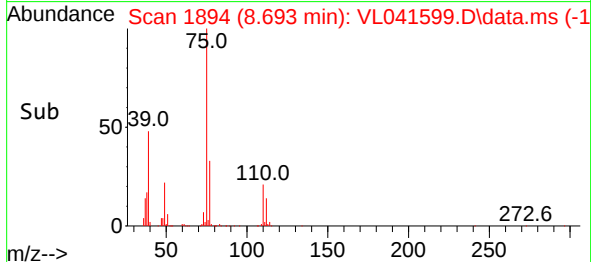
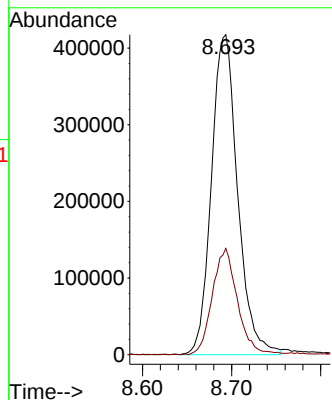
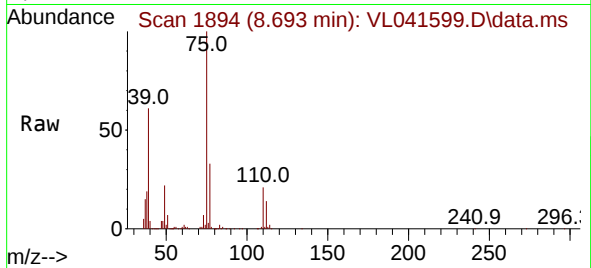




#45
 t-1,3-Dichloropropene
 Concen: 13.033 ppbv
 RT: 8.693 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

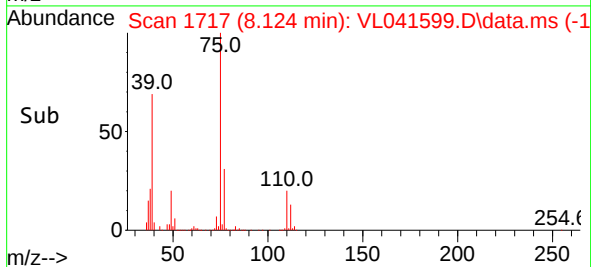
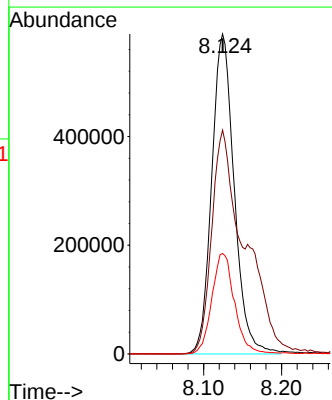
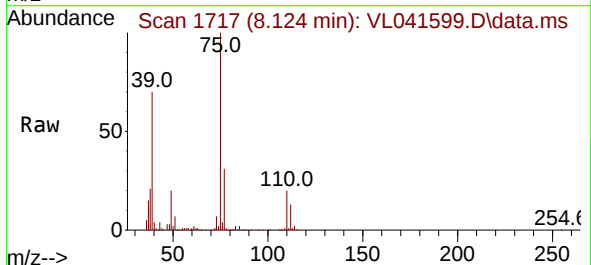
Instrument :
 MSVOA_L
 ClientSampleId :

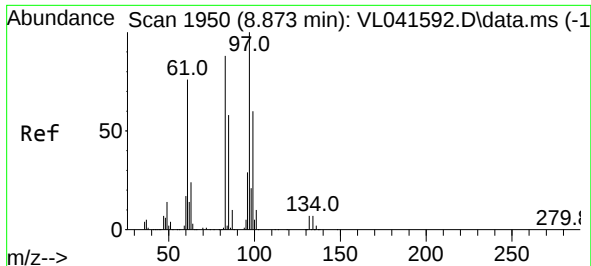
Tgt Ion: 75 Resp: 854719
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 11.971 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. 0.003 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Tgt Ion: 75 Resp: 1179959
 Ion Ratio Lower Upper
 75 100
 39 69.9 54.0 81.0
 77 31.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.822 ppbv

RT: 8.880 min Scan# 1950

Delta R.T. 0.007 min

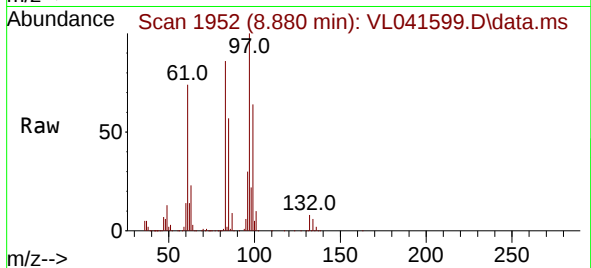
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

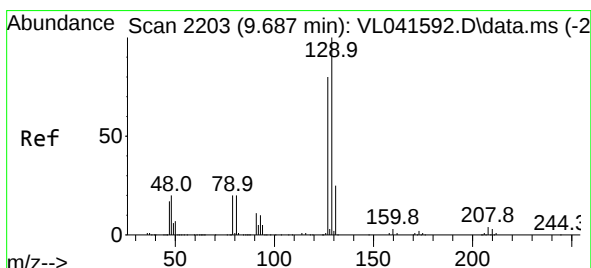
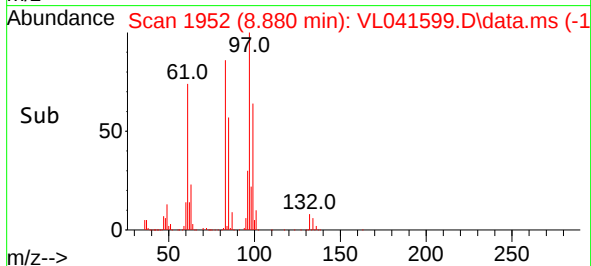
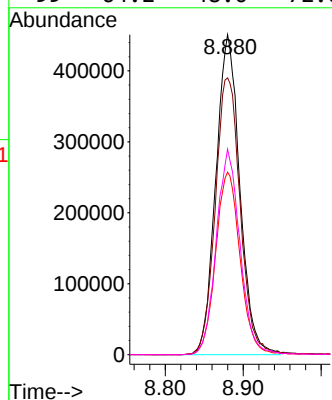
MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 965904

Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.4
85	57.1	46.3	69.5
99	64.2	48.0	72.0



#48

Dibromochloromethane

Concen: 10.711 ppbv

RT: 9.690 min Scan# 2204

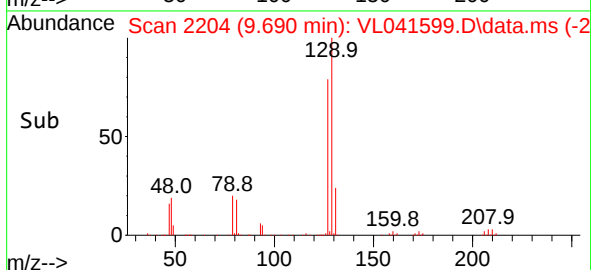
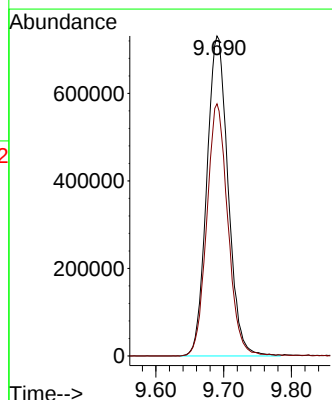
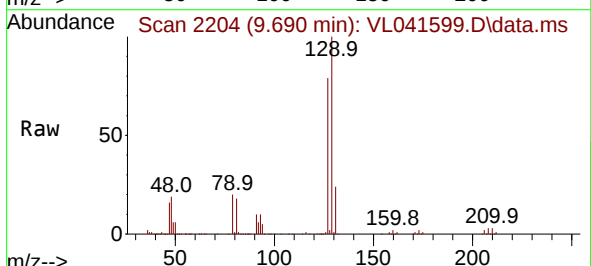
Delta R.T. 0.003 min

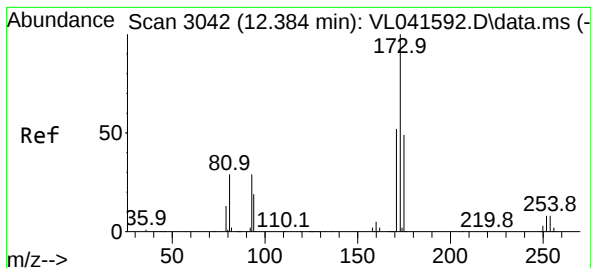
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion: 129 Resp: 1596069

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.9





#49

Bromoform

Concen: 11.035 ppbv

RT: 12.388 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

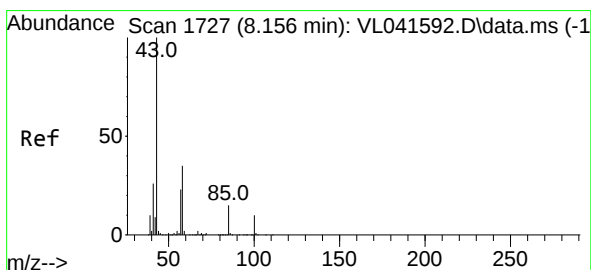
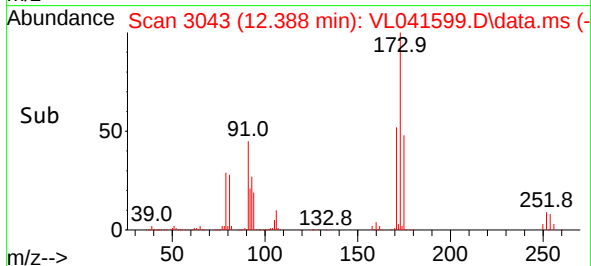
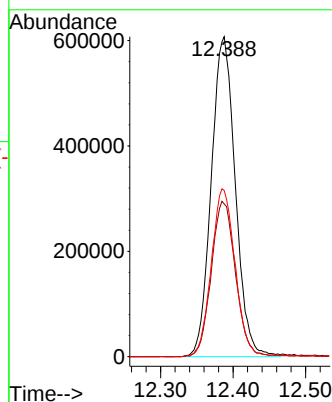
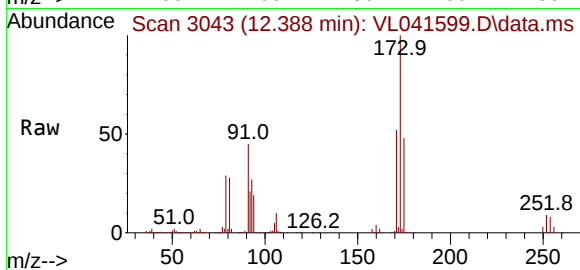
Tgt Ion:173 Resp: 1398574

Ion Ratio Lower Upper

173 100

175 49.4 40.1 60.1

171 52.3 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 10.883 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.007 min

Lab File: VL041599.D

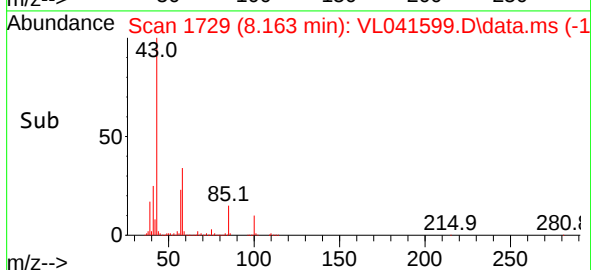
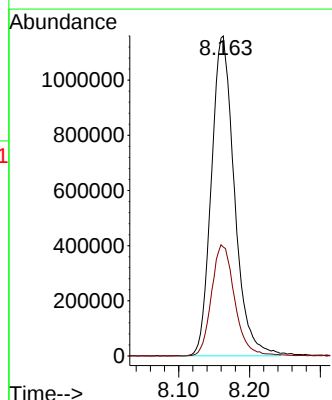
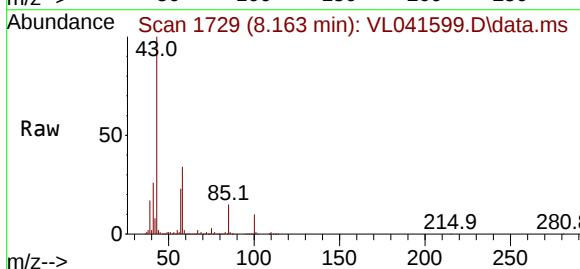
Acq: 16 Sep 2024 18:46

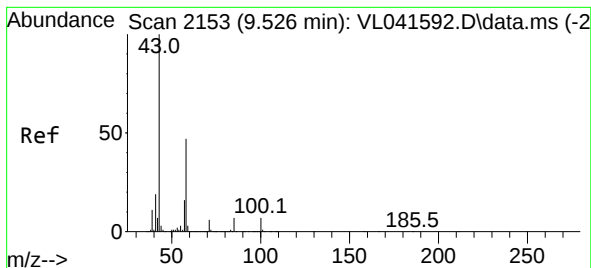
Tgt Ion: 43 Resp: 2618515

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.8





#51

2-Hexanone

Concen: 11.501 ppbv

RT: 9.529 min Scan# 2153

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

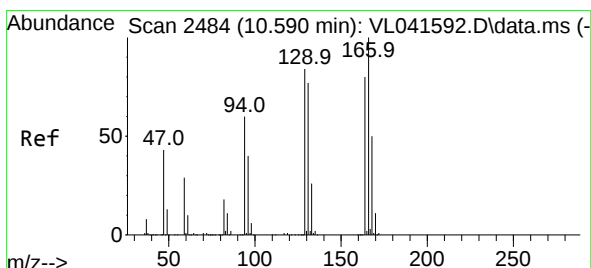
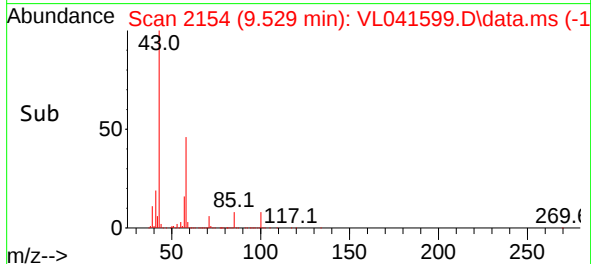
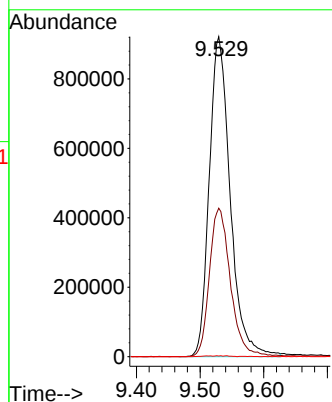
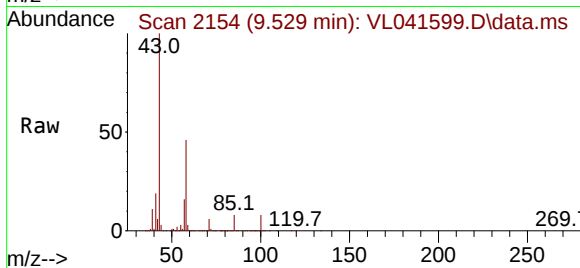
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2107044

Ion	Ratio	Lower	Upper
43	100		
58	46.9	37.2	55.8
98	0.4	0.5	0.7



#52

Tetrachloroethene

Concen: 10.580 ppbv

RT: 10.594 min Scan# 2485

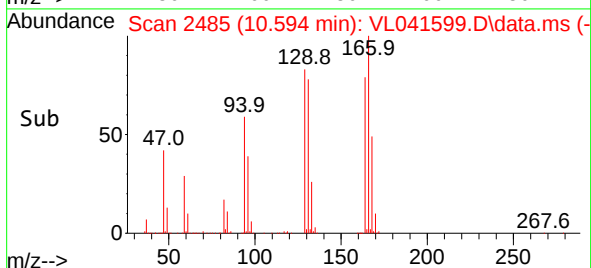
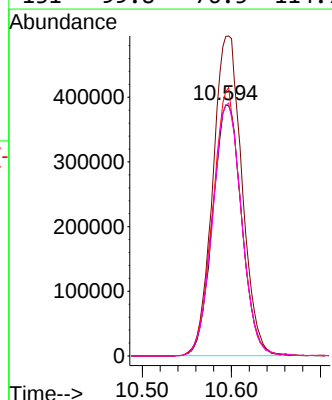
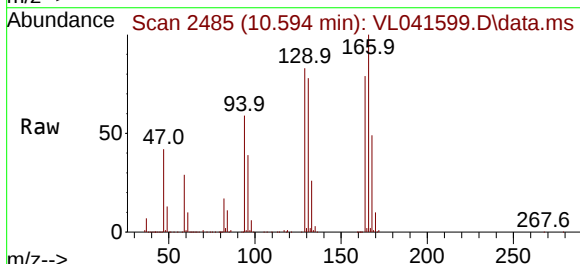
Delta R.T. 0.003 min

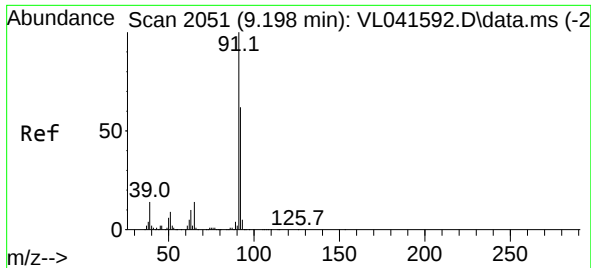
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion: 164 Resp: 876069

Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.4	149.2
129	105.2	83.5	125.3
131	99.8	76.5	114.7





#53

Toluene

Concen: 11.168 ppbv

RT: 9.201 min Scan# 2052

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

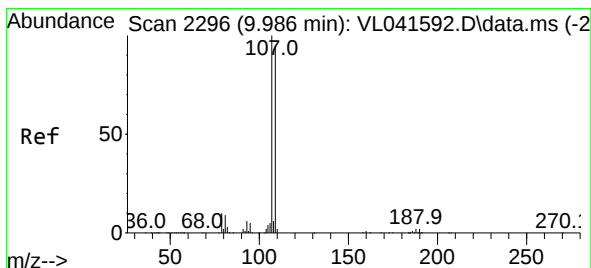
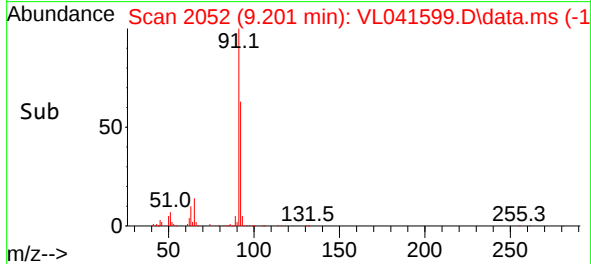
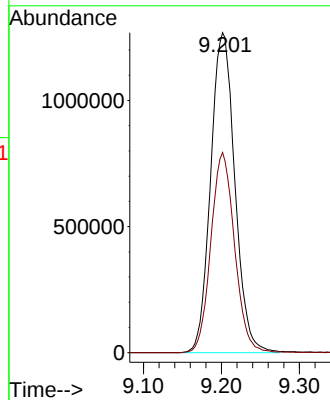
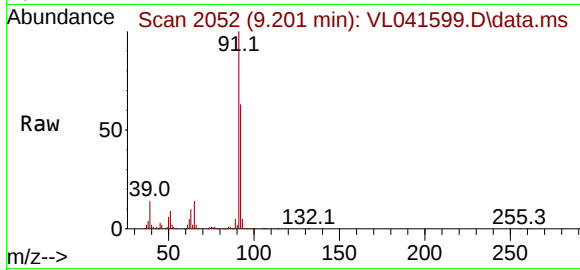
ClientSampleId :

Tgt Ion: 91 Resp: 2736931

Ion Ratio Lower Upper

91 100

92 61.4 48.9 73.3



#54

1,2-Dibromoethane

Concen: 11.106 ppbv

RT: 9.989 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VL041599.D

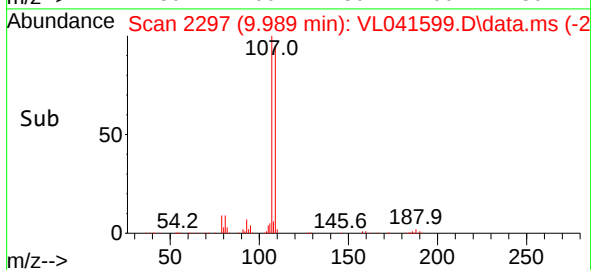
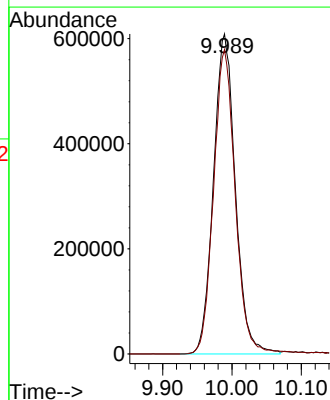
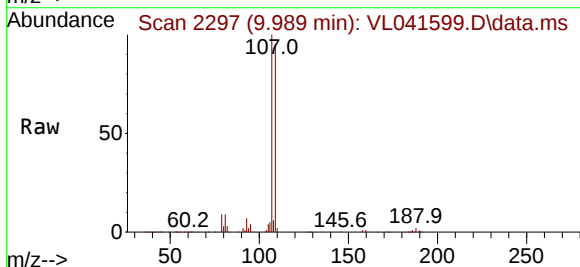
Acq: 16 Sep 2024 18:46

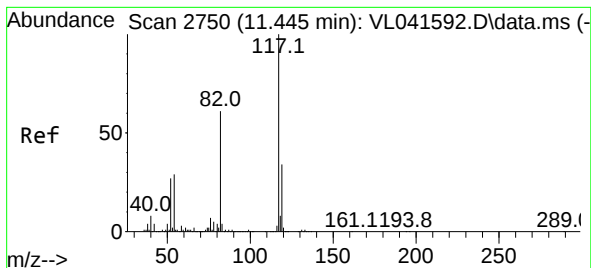
Tgt Ion: 107 Resp: 1334237

Ion Ratio Lower Upper

107 100

109 95.1 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

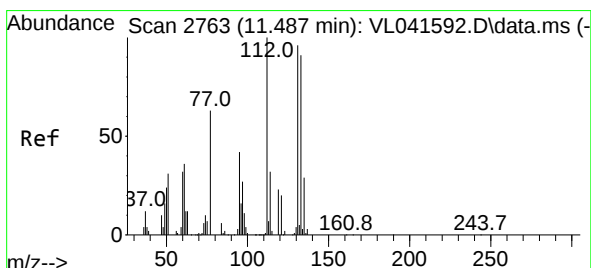
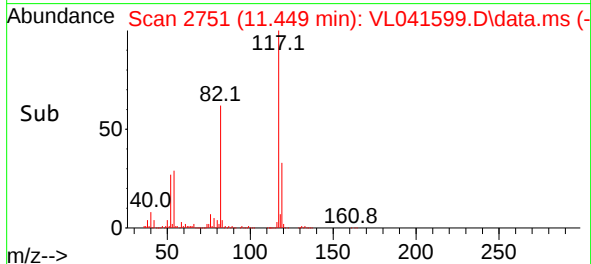
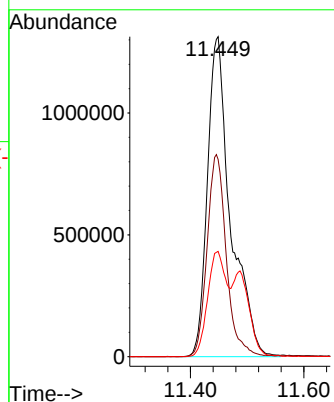
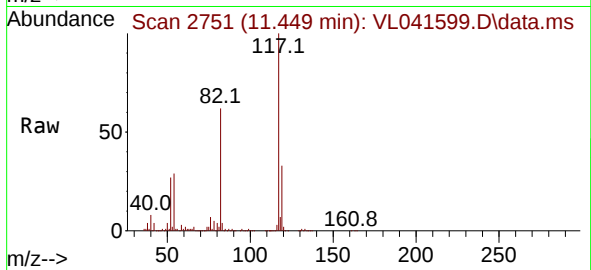
Tgt Ion:117 Resp: 3735669

Ion Ratio Lower Upper

117 100

82 53.0 49.4 74.2

119 26.3 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 8.090 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

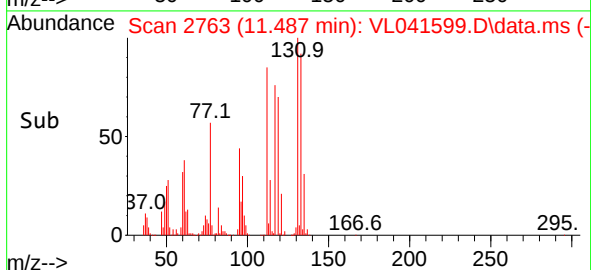
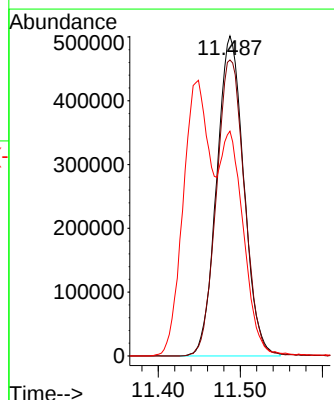
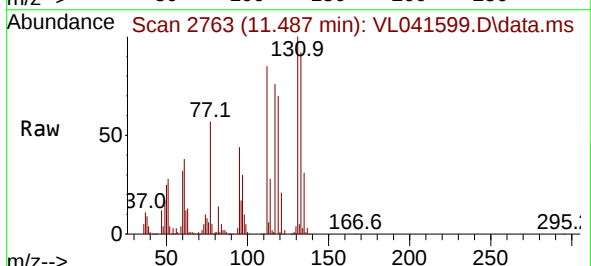
Tgt Ion:131 Resp: 1153971

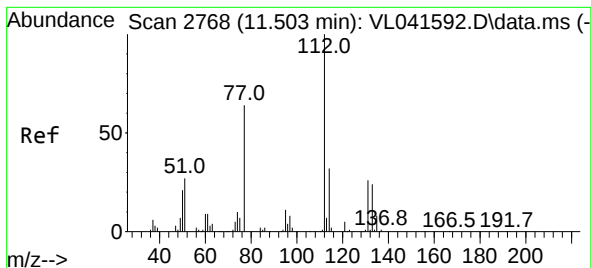
Ion Ratio Lower Upper

131 100

133 96.0 76.6 115.0

119 60.4 48.5 72.7





#57

Chlorobenzene

Concen: 7.944 ppbv

RT: 11.507 min Scan# 2110664

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

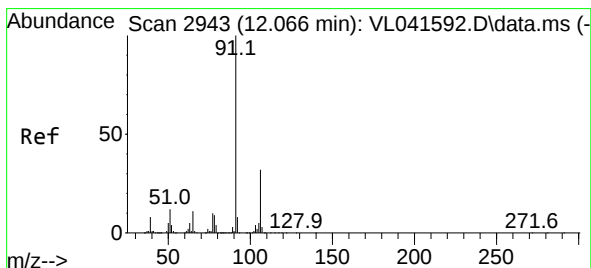
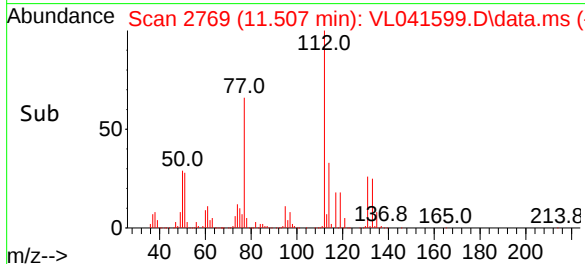
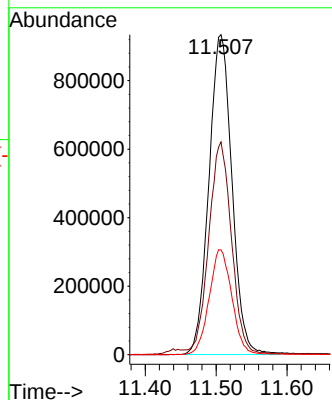
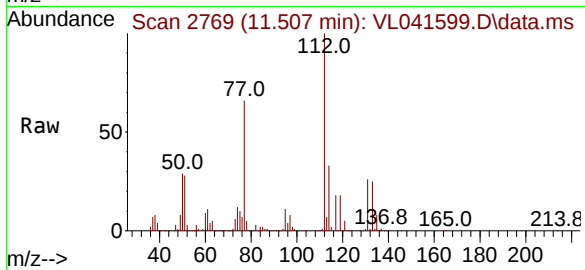
Tgt Ion:112 Resp: 2110664

Ion Ratio Lower Upper

112 100

77 66.1 52.0 78.0

114 32.7 28.6 35.0



#58

Ethyl Benzene

Concen: 9.124 ppbv

RT: 12.066 min Scan# 2943

Delta R.T. 0.000 min

Lab File: VL041599.D

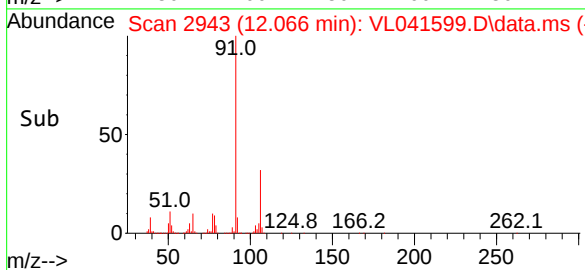
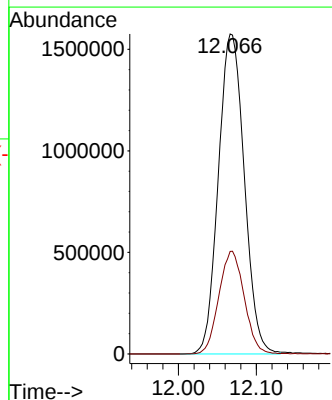
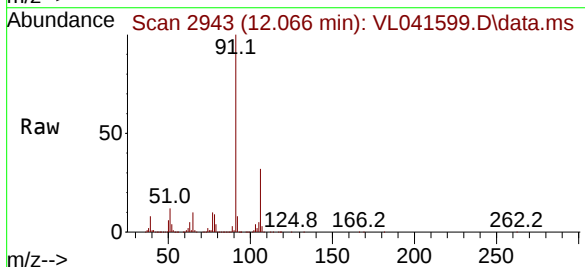
Acq: 16 Sep 2024 18:46

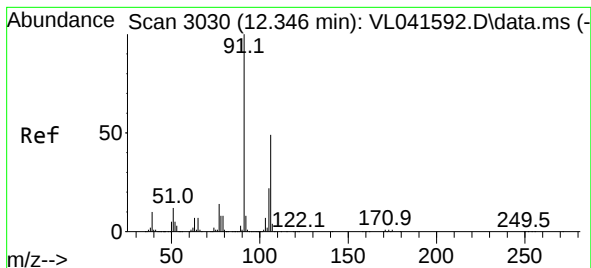
Tgt Ion: 91 Resp: 3636857

Ion Ratio Lower Upper

91 100

106 32.1 25.8 38.6

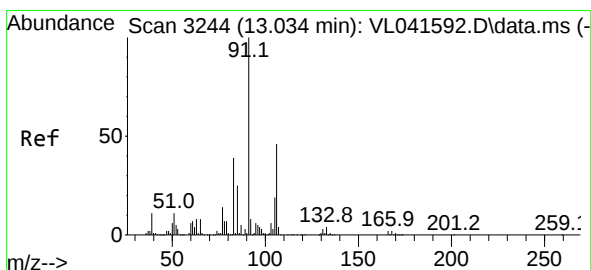
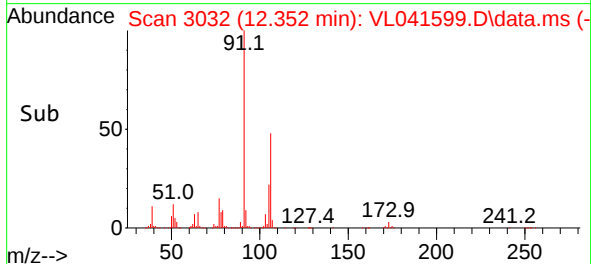
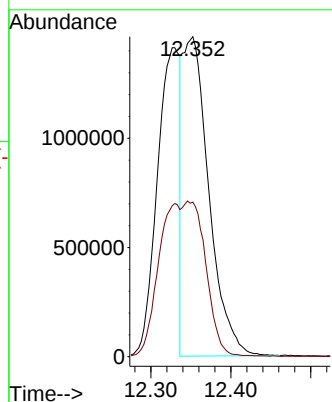
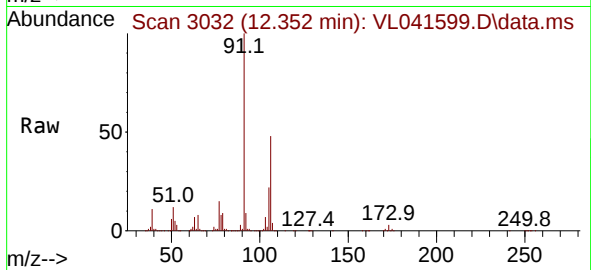




#59
m/p-Xylene
Concen: 9.367 ppbv
RT: 12.352 min Scan# 3032
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

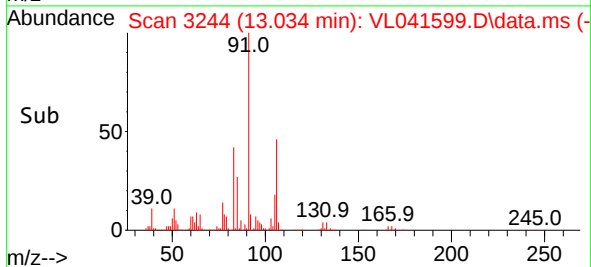
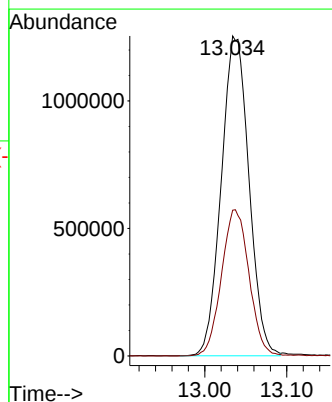
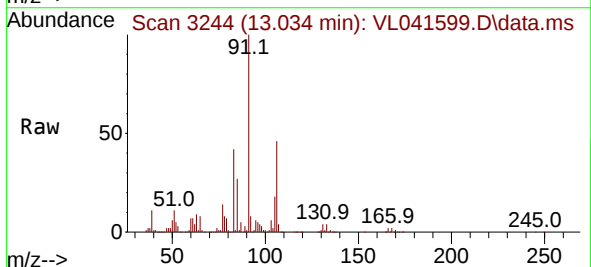
Instrument :
MSVOA_L
ClientSampleId :

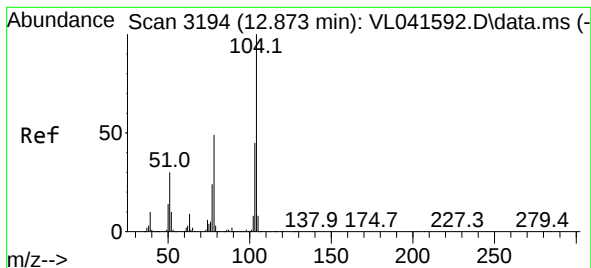
Tgt Ion: 91 Resp: 3327537
Ion Ratio Lower Upper
91 100
106 85.2 36.8 55.2#



#60
o-Xylene
Concen: 8.670 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 91 Resp: 2941243
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





#61

Styrene

Concen: 10.185 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

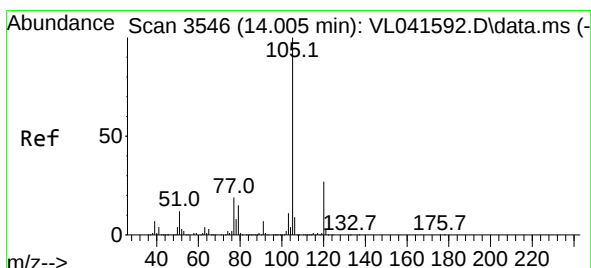
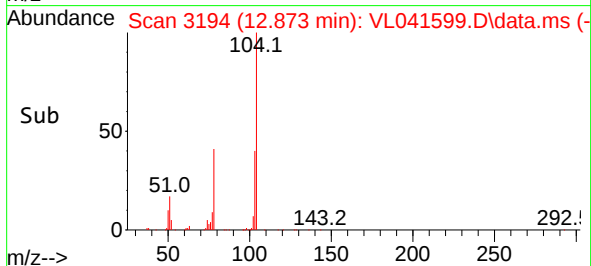
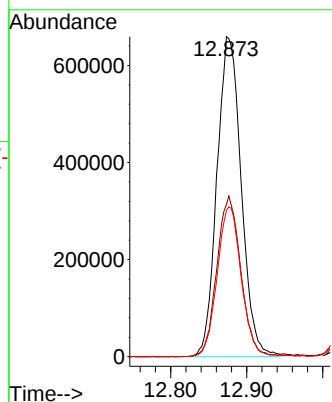
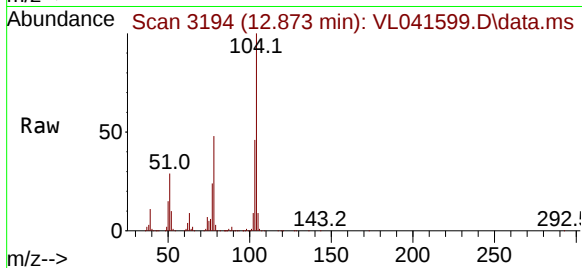
Tgt Ion:104 Resp: 1461911

Ion Ratio Lower Upper

104 100

78 49.7 39.8 59.6

103 46.7 37.4 56.0



#62

Isopropylbenzene

Concen: 8.292 ppbv

RT: 14.008 min Scan# 3547

Delta R.T. 0.003 min

Lab File: VL041599.D

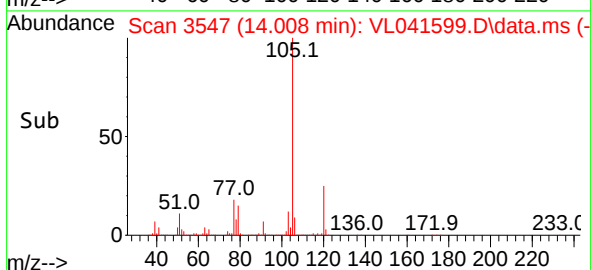
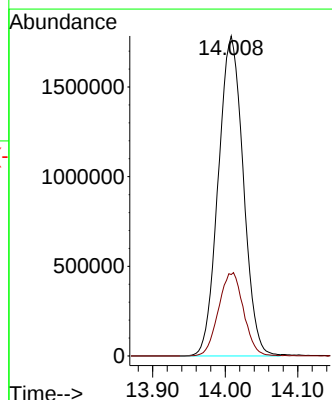
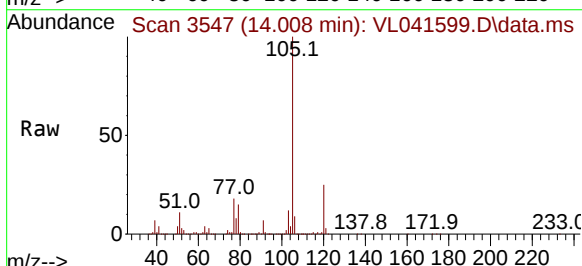
Acq: 16 Sep 2024 18:46

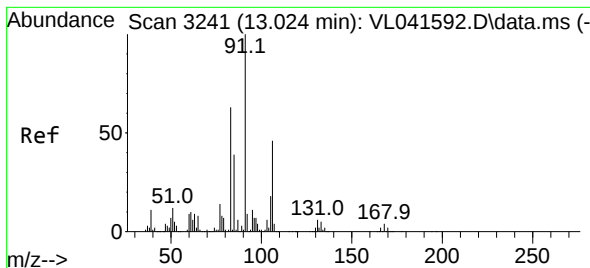
Tgt Ion:105 Resp: 4273531

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

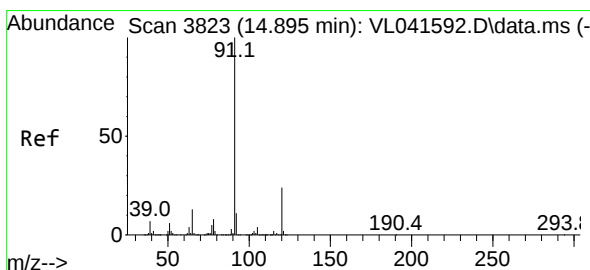
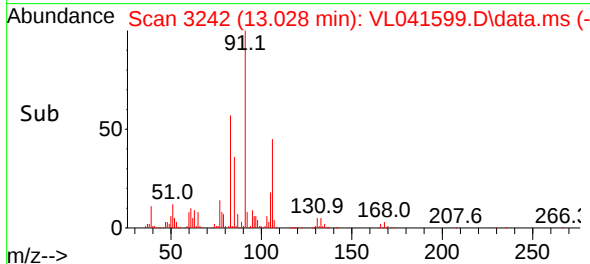
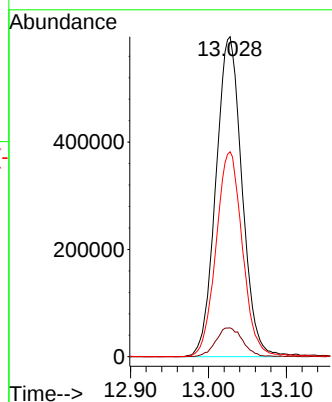
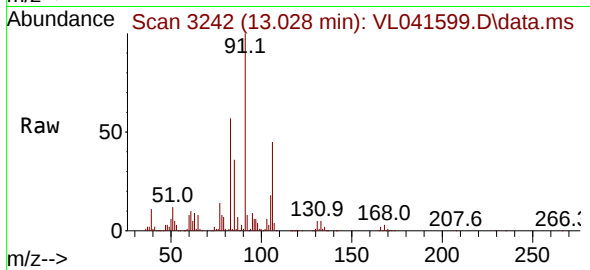




#63
1,1,2,2-Tetrachloroethane
Concen: 8.080 ppbv
RT: 13.028 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

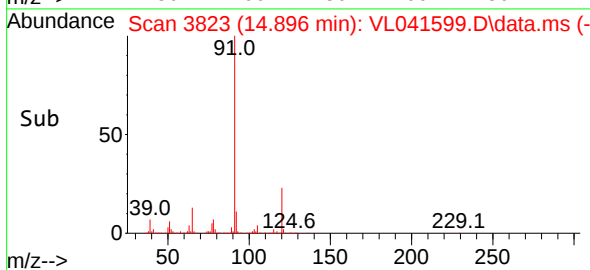
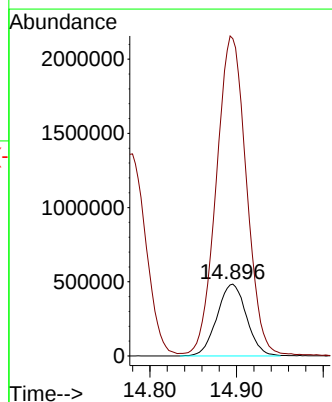
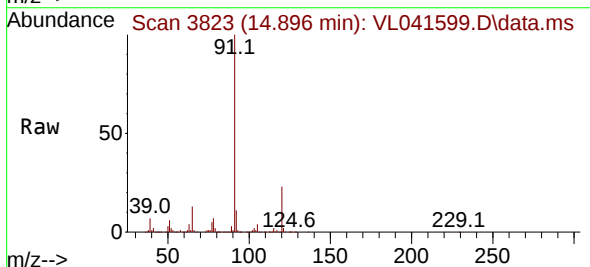
Instrument :
MSVOA_L
ClientSampleId :

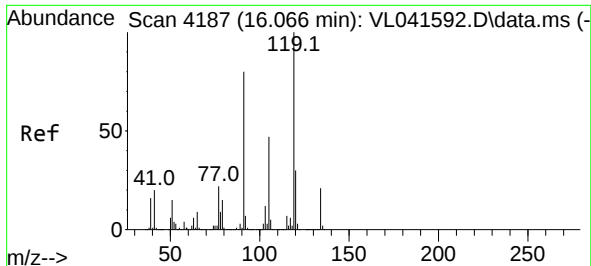
Tgt Ion: 83 Resp: 1389186
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.4 32.5 97.4



#64
n-propylbenzene
Concen: 8.582 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion:120 Resp: 1144513
Ion Ratio Lower Upper
120 100
91 455.2 366.4 549.6

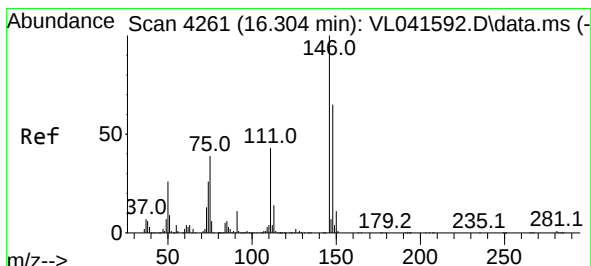
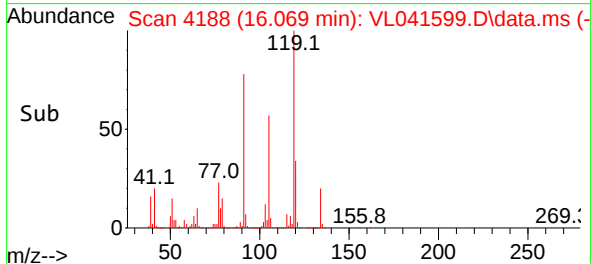
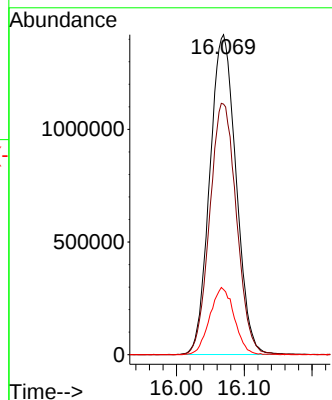
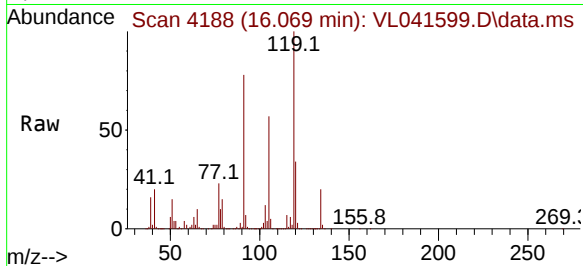




#65
tert-Butylbenzene
Concen: 8.271 ppbv
RT: 16.069 min Scan# 4187
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

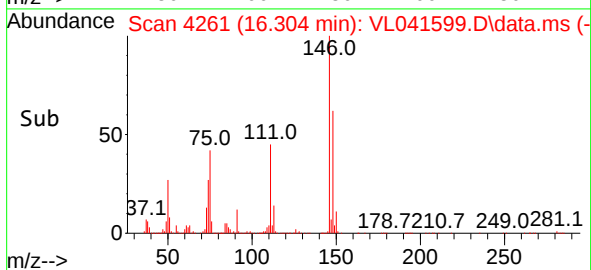
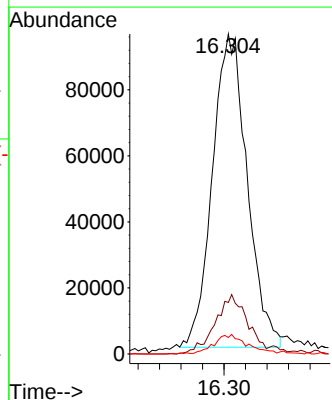
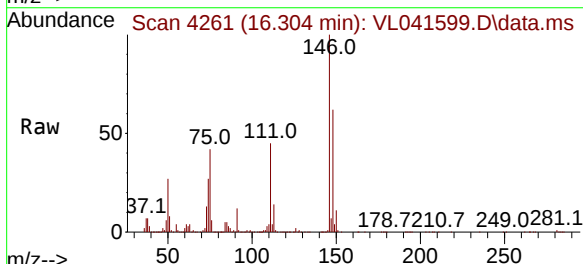
Instrument :
MSVOA_L
ClientSampleId :

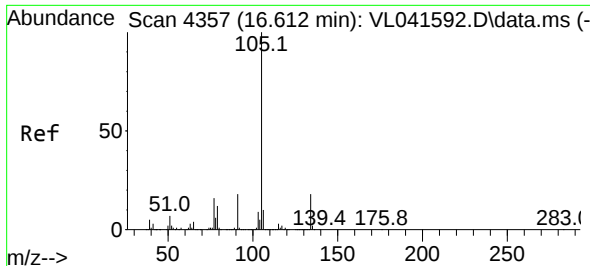
Tgt Ion:119 Resp: 3822907
Ion Ratio Lower Upper
119 100
91 80.0 64.6 96.8
134 19.7 15.8 23.8



#66
Benzyl Chloride
Concen: 8.662 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 91 Resp: 212798
Ion Ratio Lower Upper
91 100
126 19.1 15.4 23.2
128 6.3 4.8 7.2

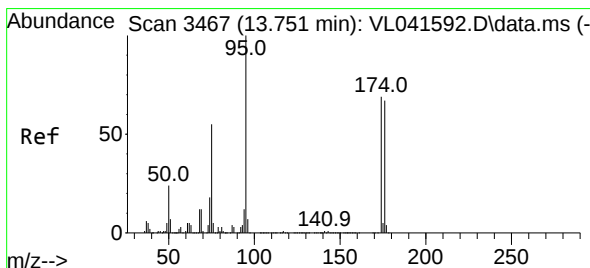
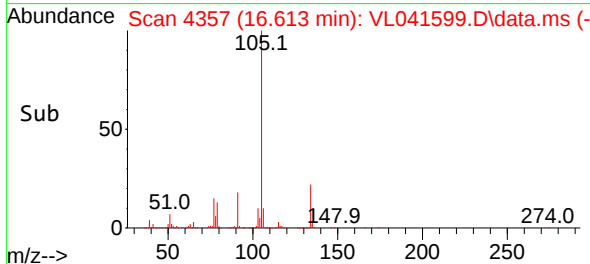
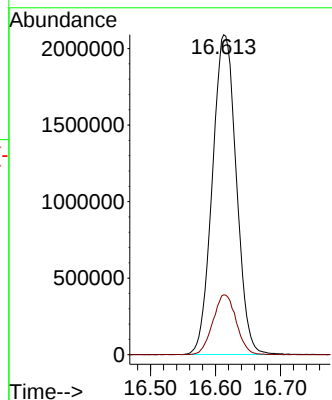
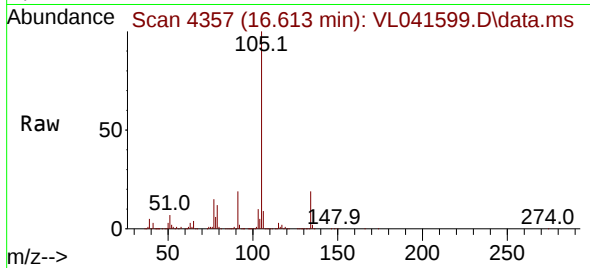




#67
 sec-Butylbenzene
 Concen: 8.079 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

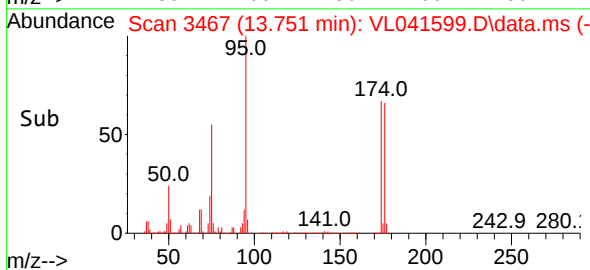
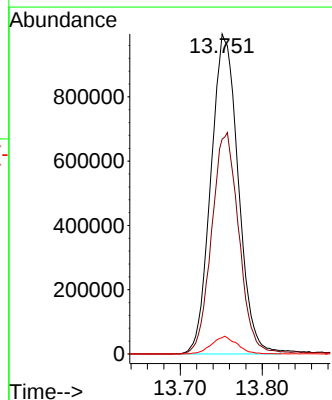
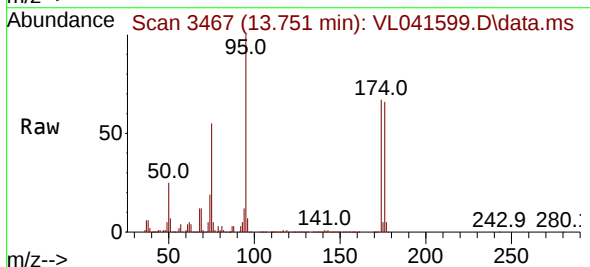
Instrument :
 MSVOA_L
 ClientSampleId :

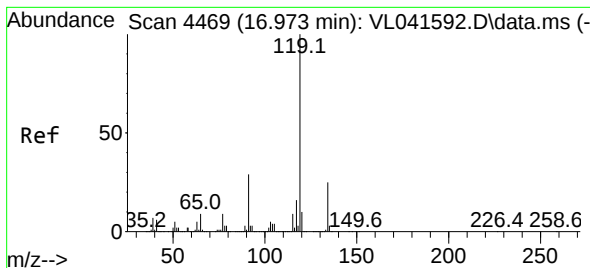
Tgt Ion:105 Resp: 5350490
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.383 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.000 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Tgt Ion: 95 Resp: 2308391
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.8 83.8
 175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.464 ppbv

RT: 16.973 min Scan# 4469

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

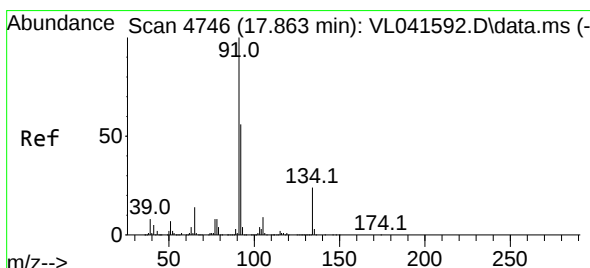
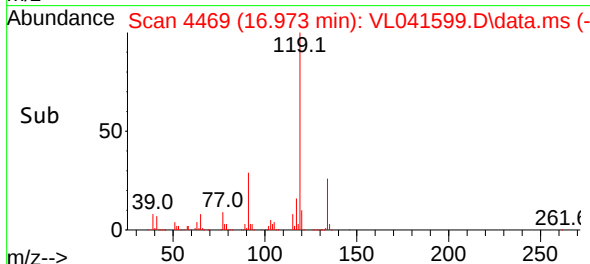
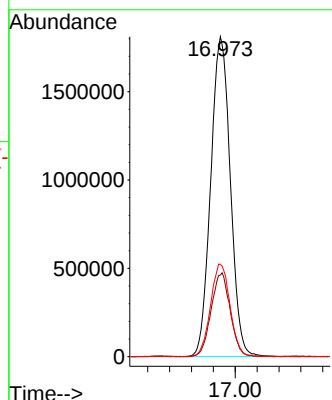
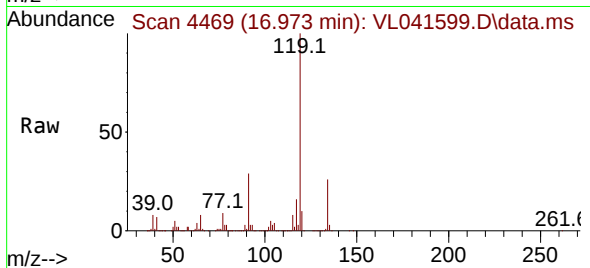
Tgt Ion:119 Resp: 4497521

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 28.8 23.1 34.7



#70

n-Butylbenzene

Concen: 8.289 ppbv

RT: 17.863 min Scan# 4746

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

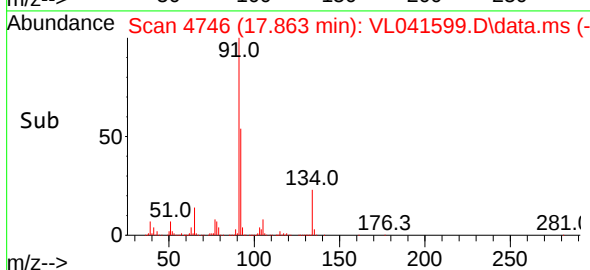
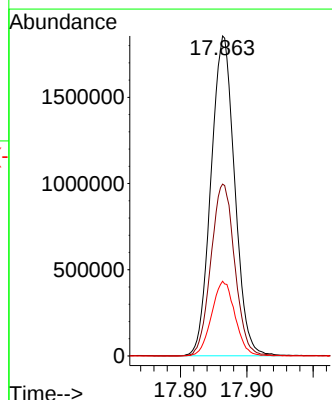
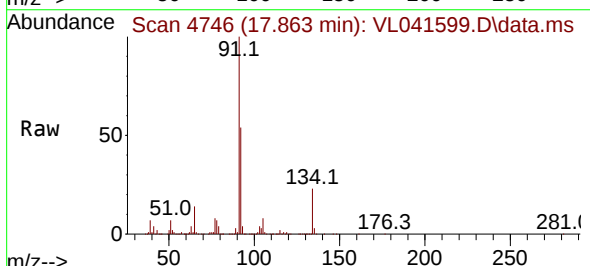
Tgt Ion: 91 Resp: 4595438

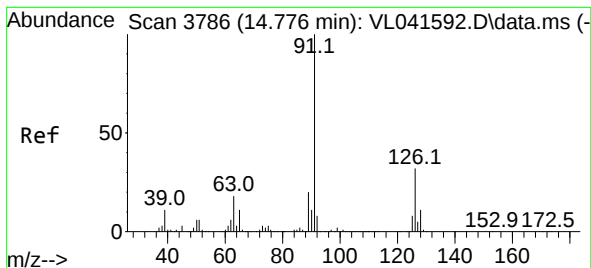
Ion Ratio Lower Upper

91 100

92 54.2 43.2 64.8

134 23.2 18.6 27.8

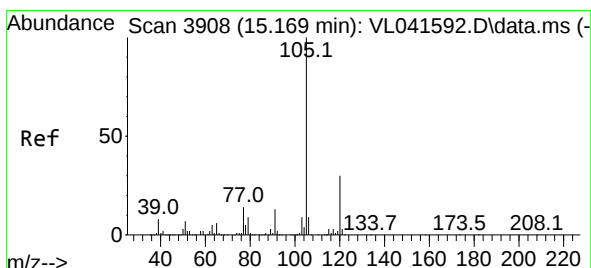
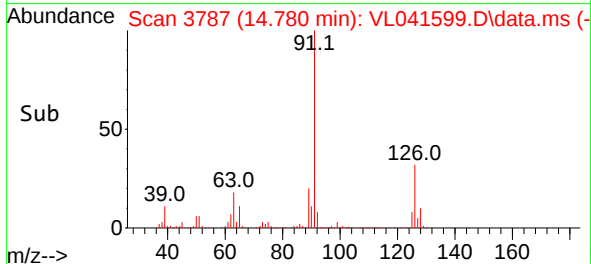
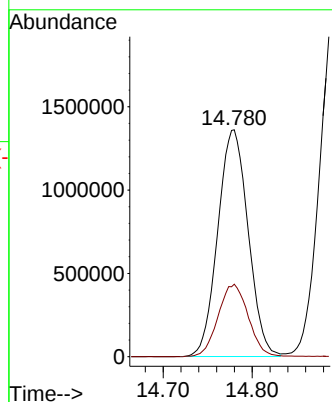
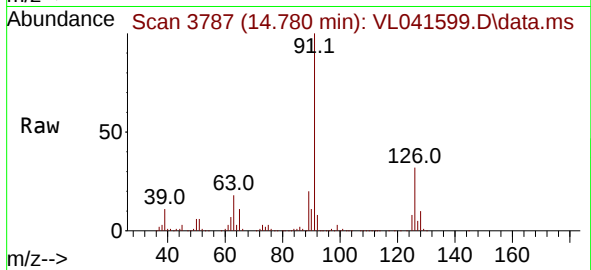




#71
2-Chlorotoluene
Concen: 8.610 ppbv
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

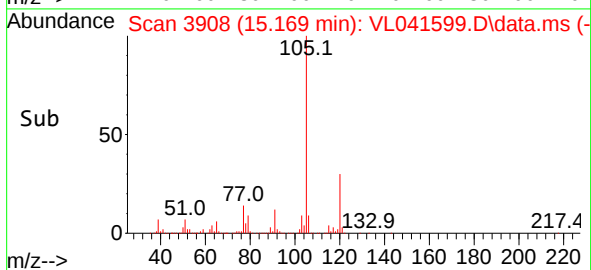
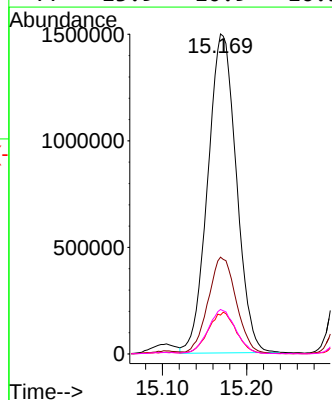
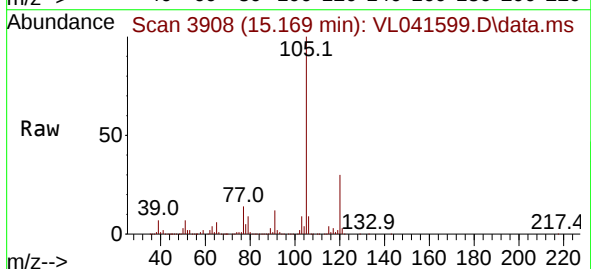
Instrument :
MSVOA_L
ClientSampleId :

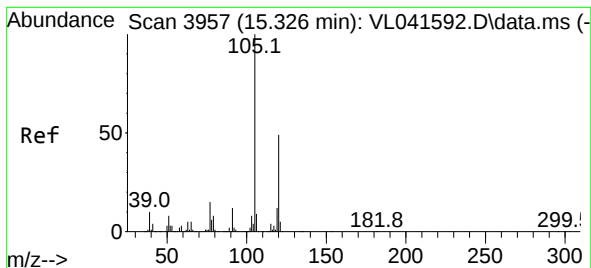
Tgt Ion: 91 Resp: 3223465
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.5



#72
4-Ethyltoluene
Concen: 8.821 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion:105 Resp: 3524544
Ion Ratio Lower Upper
105 100
120 31.1 24.1 36.1
91 13.3 10.2 15.2
77 13.9 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 8.689 ppbv

RT: 15.327 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

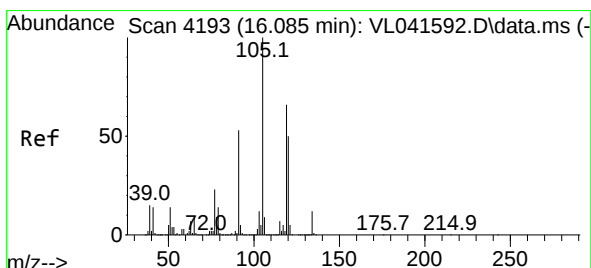
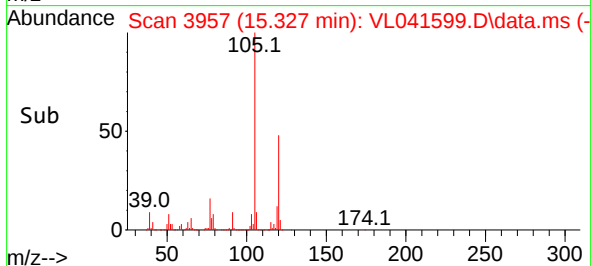
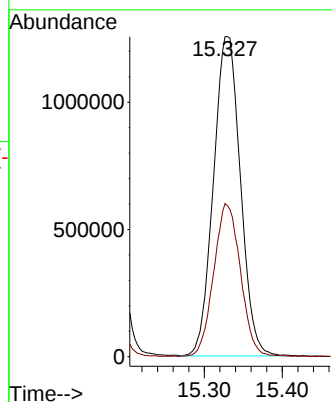
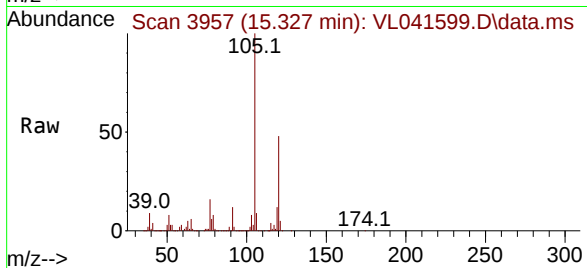
ClientSampleId :

Tgt Ion:105 Resp: 3014196

Ion Ratio Lower Upper

105 100

120 47.8 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 8.009 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion:105 Resp: 3320425

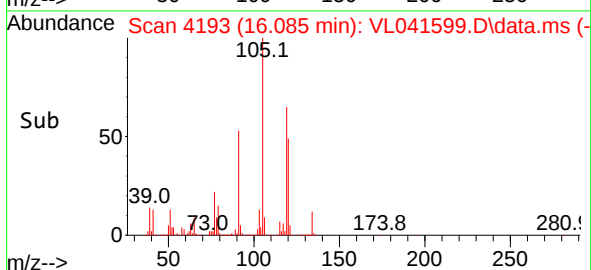
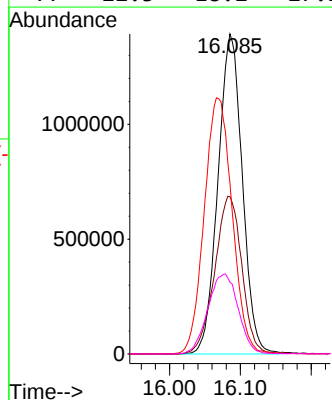
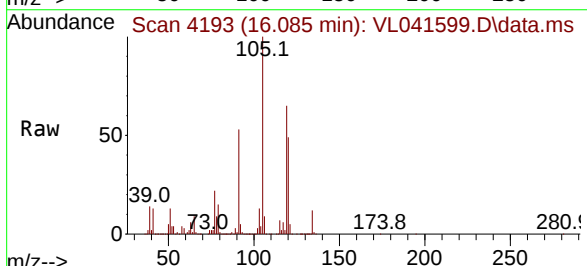
Ion Ratio Lower Upper

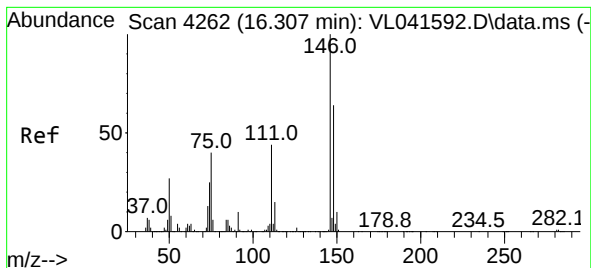
105 100

120 49.0 39.9 59.9

91 53.1 42.6 63.8

77 22.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 8.117 ppbv

RT: 16.307 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

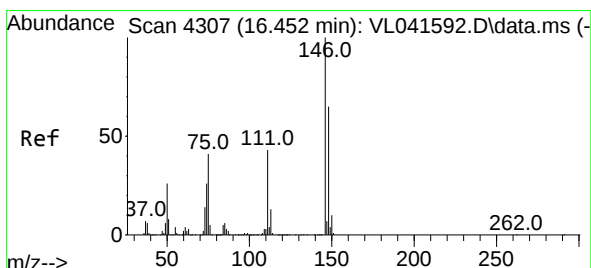
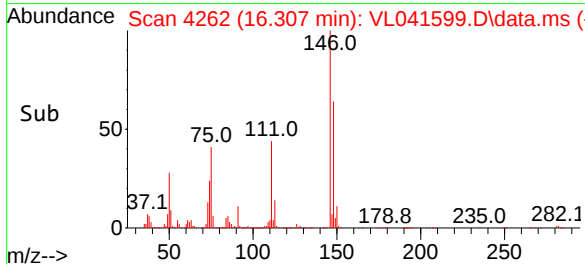
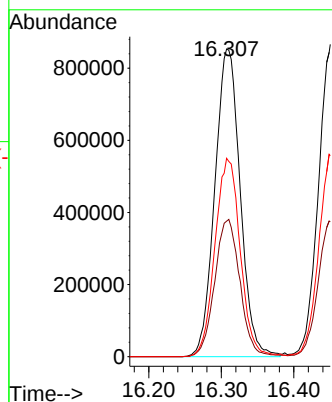
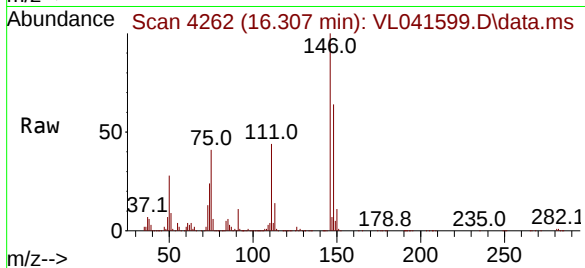
Tgt Ion:146 Resp: 2073354

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

148 64.3 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 8.046 ppbv

RT: 16.452 min Scan# 4307

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

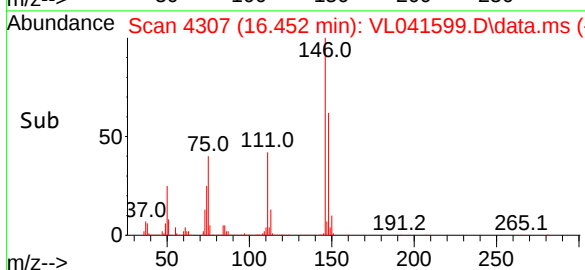
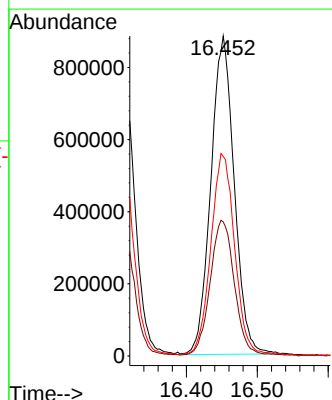
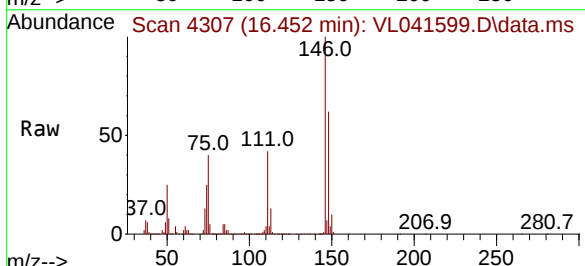
Tgt Ion:146 Resp: 2027061

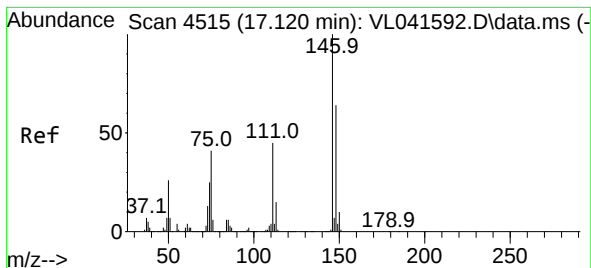
Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.3

148 65.2 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 7.935 ppbv

RT: 17.117 min Scan# 4514

Delta R.T. -0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

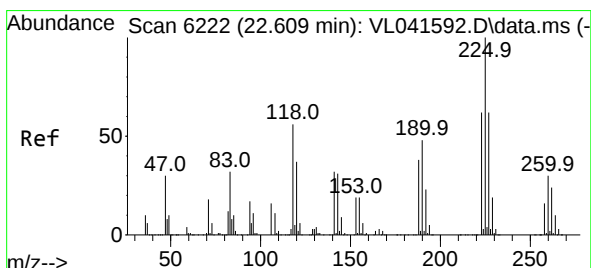
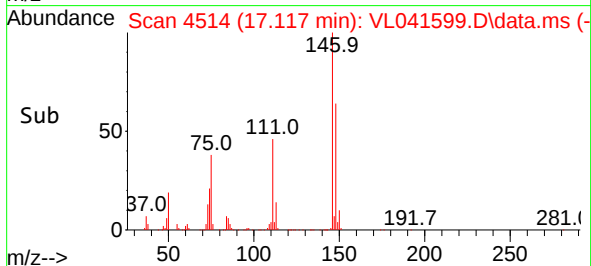
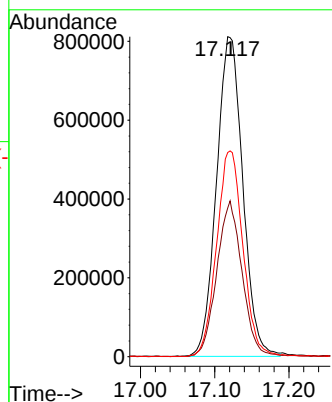
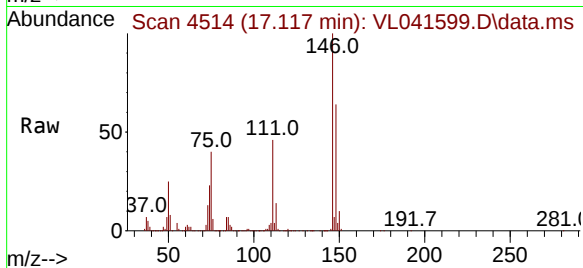
Tgt Ion:146 Resp: 1996843

Ion Ratio Lower Upper

146 100

111 47.0 23.4 70.0

148 64.8 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 2.967 ppbv

RT: 22.612 min Scan# 6223

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

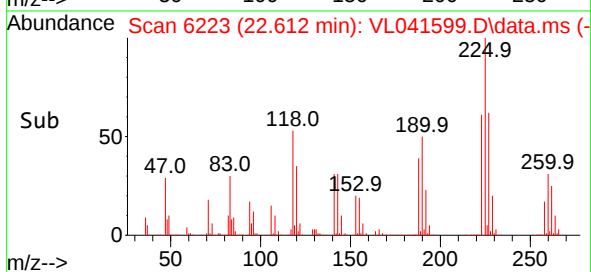
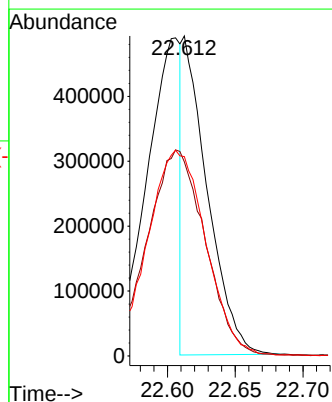
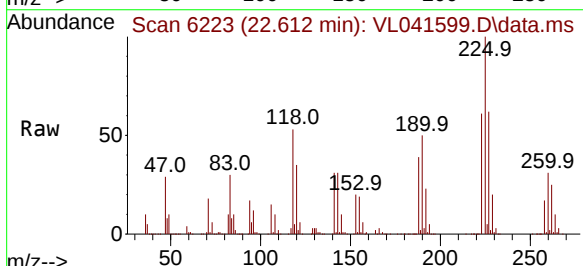
Tgt Ion:225 Resp: 623995

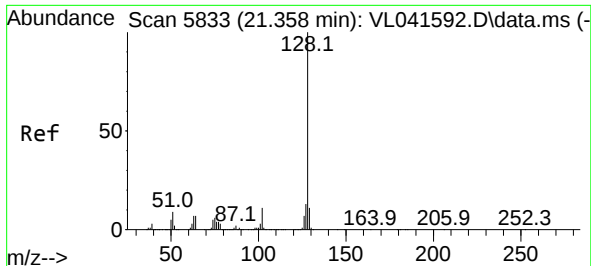
Ion Ratio Lower Upper

225 100

223 0.0 50.6 75.8#

227 0.0 50.9 76.3#

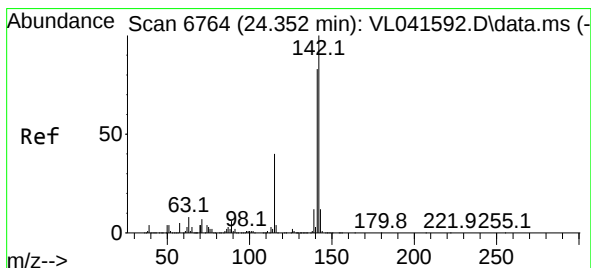
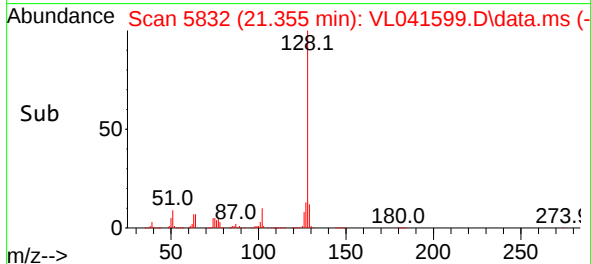
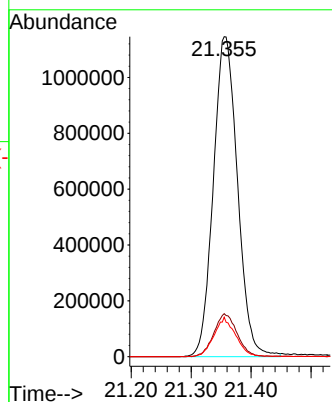
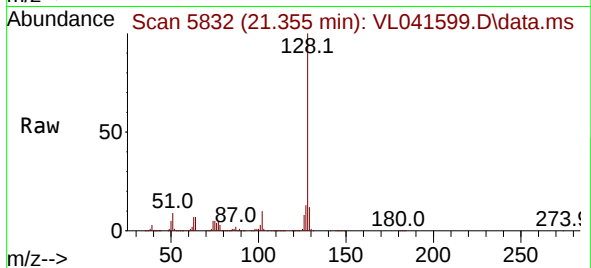




#79
Naphthalene
Concen: 10.717 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

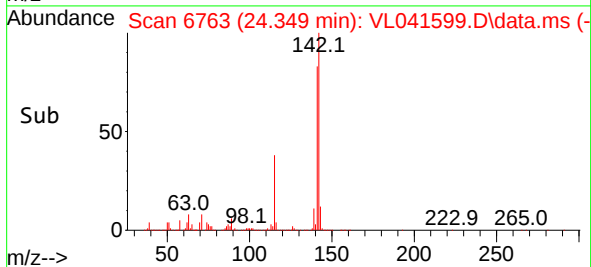
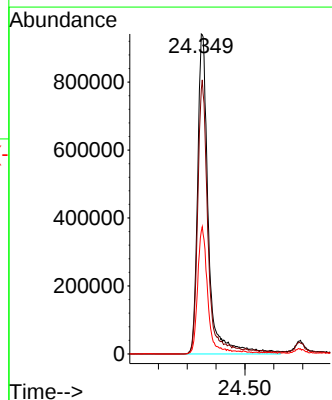
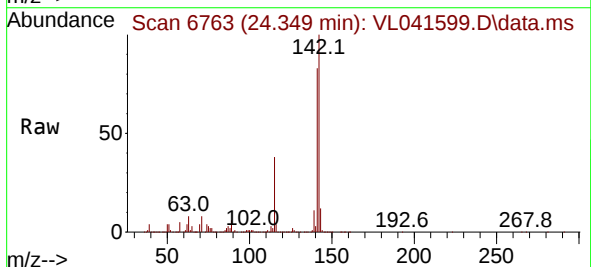
Instrument :
MSVOA_L
ClientSampleId :

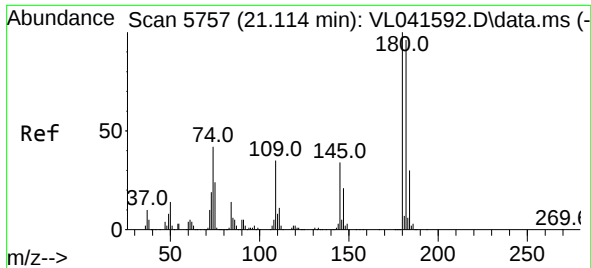
Tgt Ion:128 Resp: 3203623
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 12.3 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 11.785 ppbv
RT: 24.349 min Scan# 6763
Delta R.T. -0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

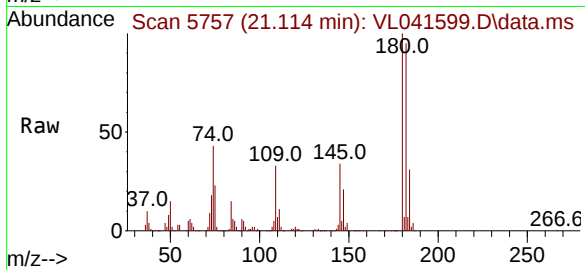
Tgt Ion:142 Resp: 2446937
Ion Ratio Lower Upper
142 100
141 82.9 66.3 99.5
115 38.3 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.723 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1671079
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.5 114.7
 184 31.2 24.7 37.1

