

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041603.D
 Acq On : 18 Sep 2024 10:16
 Operator : SY/MD
 Sample : VL0918ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 01:29:22 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	5.189	49	1156371	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	3163270	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.462	117	3156402	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2259237	9.723	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	1884134	11.282	ppbv	99
3) Chlorodifluoromethane	2.677	51	1281112	9.134	ppbv	99
4) Chloromethane	2.816	50	707023	9.165	ppbv	98
5) Vinyl Chloride	2.922	62	686540	10.278	ppbv	99
6) Bromomethane	3.121	94	316275	9.517	ppbv	99
7) Chloroethane	3.198	64	236020	9.085	ppbv	98
8) Dichlorotetrafluoroethane	2.858	85	1659459	9.473	ppbv	99
9) Propene	2.697	41	588244	9.943	ppbv	99
10) Heptane	7.574	43	1457487	10.522	ppbv	99
11) Trichlorofluoromethane	3.562	101	1615013	9.088	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.063	101	1190198	9.248	ppbv	99
13) Ethanol	3.250	45	20084	4.515	ppbv	89
14) Bromoethene	3.366	108	487861	9.997	ppbv	98
15) Acetone	3.468	43	1192968	8.217	ppbv	99
16) 1,3-Butadiene	2.986	39	693352	9.819	ppbv	96
17) tert-Butyl alcohol	3.877	59	1224256	9.589	ppbv	99
18) 1,1-Dichloroethene	3.880	96	535313	9.825	ppbv	99
19) Isopropyl Alcohol	3.575	45	656028	8.827	ppbv #	98
20) Methylene Chloride	3.931	84	441509	8.095	ppbv	98
21) Allyl Chloride	3.993	41	813252	9.665	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	522406	9.611	ppbv	99
23) Vinyl Acetate	4.623	43	835177	10.459	ppbv	98
24) 1,1-Dichloroethane	4.562	63	1142671	9.534	ppbv	99
25) Ethyl Acetate	5.201	43	2647300	10.158	ppbv	99
26) Hexane	5.208	57	1074230	9.884	ppbv	100
27) Carbon Disulfide	4.121	76	1270273	10.995	ppbv	100
28) Methyl tert-Butyl Ether	4.584	73	657790	9.816	ppbv	99
29) Chloroform	5.272	83	1685499	9.477	ppbv	98
30) Cyclohexane	6.597	84	909681	10.858	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1045127	10.129	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1637346	10.336	ppbv	98
34) 2-Butanone	4.784	43	1503091	9.965	ppbv	99
35) Carbon Tetrachloride	6.491	117	1732518	11.163	ppbv	98
36) Benzene	6.365	78	2307599	10.504	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1290133	10.122	ppbv	100
38) Trichloroethene	7.288	130	1229916	10.871	ppbv	98
39) 1,2-Dichloropropane	7.070	63	887630	9.932	ppbv	99
40) 1,4-Dioxane	7.282	88	364111	10.808	ppbv #	98
41) Tetrahydrofuran	5.552	42	920914	11.094	ppbv	99
42) Bromodichloromethane	7.246	83	1840578	10.379	ppbv	97
43) Methyl Methacrylate	7.468	69	905817	11.522	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3875181	10.196	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	809504	12.771	ppbv	99

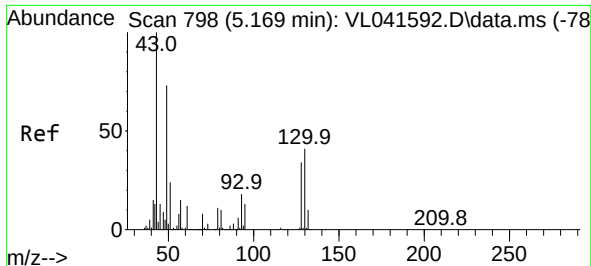
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041603.D
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Quant Time: Sep 19 01:29:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 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	8.140	75	1131086	12.181	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	963708	10.156	ppbv	98
48) Dibromochloromethane	9.706	129	1586368	11.034	ppbv	99
49) Bromoform	12.404	173	1395106	11.304	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2558165	10.982	ppbv	100
51) 2-Hexanone	9.542	43	1996601	11.332	ppbv #	99
52) Tetrachloroethene	10.610	164	870327	10.941	ppbv	98
53) Toluene	9.214	91	2660302	11.408	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1300569	11.130	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1174089	9.527	ppbv	98
57) Chlorobenzene	11.523	112	2083591	9.156	ppbv	99
58) Ethyl Benzene	12.082	91	3610725	10.686	ppbv	98
59) m/p-Xylene	12.365	91	3283702	10.919	ppbv #	39
60) o-Xylene	13.053	91	2952785	10.241	ppbv	100
61) Styrene	12.889	104	1434081	11.906	ppbv	100
62) Isopropylbenzene	14.024	105	4303632	9.852	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	1395823	9.469	ppbv	99
64) n-propylbenzene	14.912	120	1163609	10.315	ppbv	98
65) tert-Butylbenzene	16.085	119	3844766	9.602	ppbv	100
66) Benzyl Chloride	16.320	91	212184	10.193	ppbv	99
67) sec-Butylbenzene	16.632	105	5382674	9.689	ppbv	100
69) p-Isopropyltoluene	16.989	119	4506080	10.021	ppbv	100
70) n-Butylbenzene	17.879	91	4641102	9.853	ppbv	100
71) 2-Chlorotoluene	14.796	91	3239678	10.080	ppbv	100
72) 4-Ethyltoluene	15.188	105	3572445	10.600	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3028398	10.176	ppbv	97
74) 1,2,4-Trimethylbenzene	16.101	105	3355900	9.634	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	2087035	9.560	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	2006487	9.592	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2006971	9.312	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	1497828	8.425	ppbv	99
79) Naphthalene	21.374	128	3150966	12.291	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	2210947	12.308	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1664970	10.215	ppbv	99

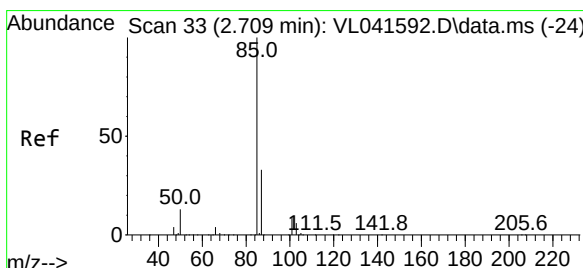
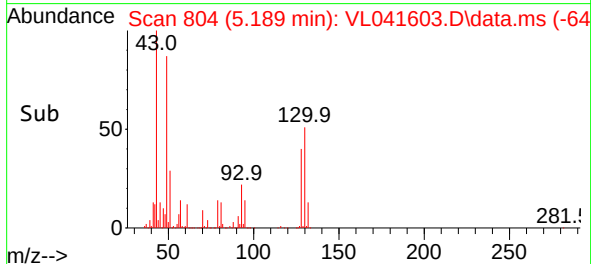
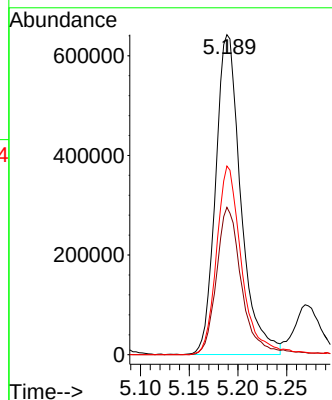
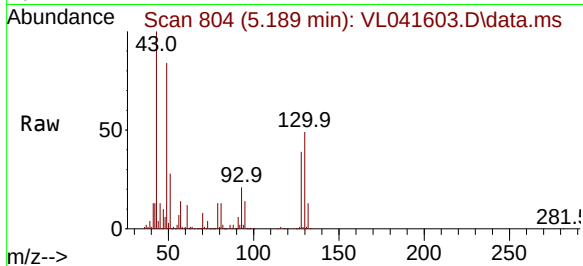
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

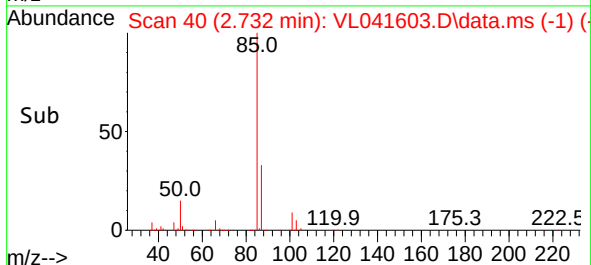
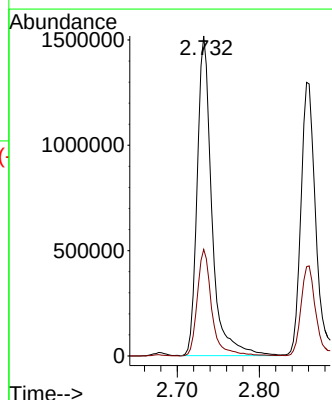
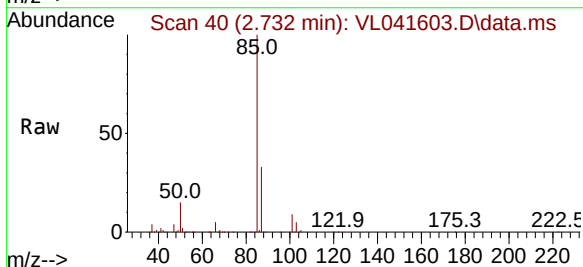
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MSVOA_L
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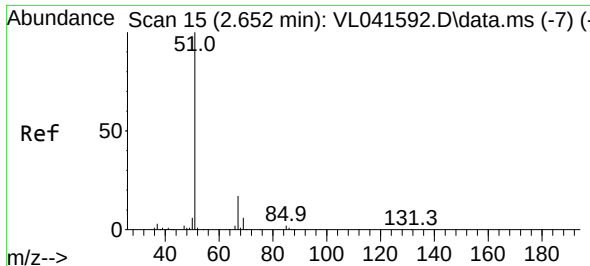
Tgt Ion: 49 Resp: 1156371
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.5
130 59.9 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 11.282 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

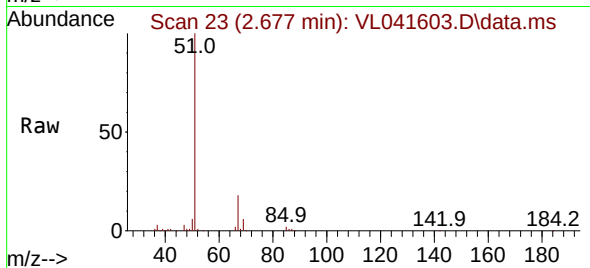
Tgt Ion: 85 Resp: 1884134
Ion Ratio Lower Upper
85 100
87 33.3 26.3 39.5



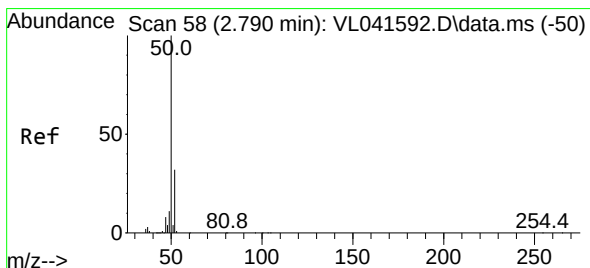
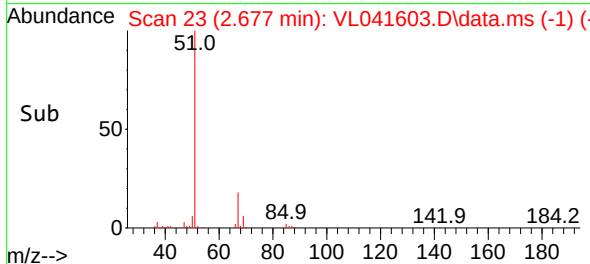
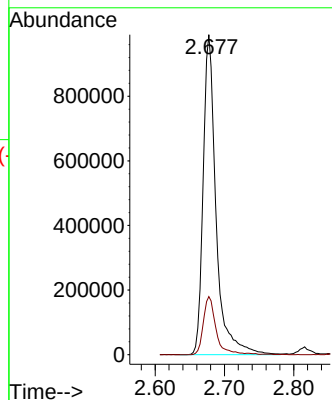


#3
Chlorodifluoromethane
Concen: 9.134 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :

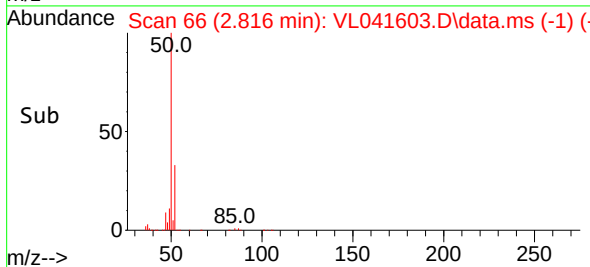
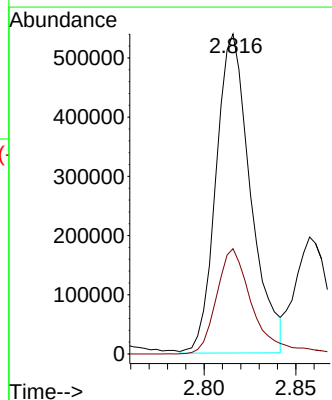
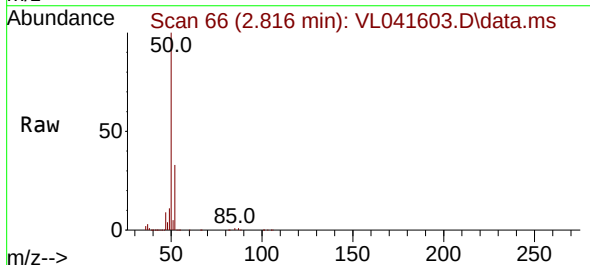


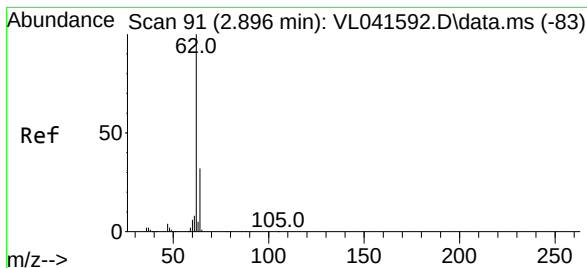
Tgt Ion: 51 Resp: 1281112
Ion Ratio Lower Upper
51 100
67 18.1 14.1 21.1



#4
Chloromethane
Concen: 9.165 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 50 Resp: 707023
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

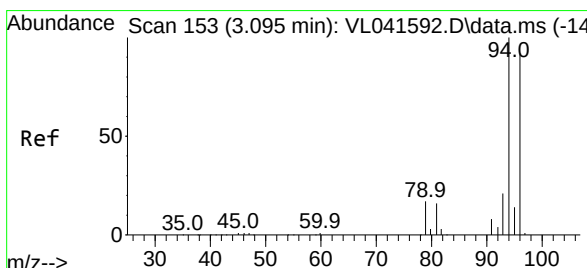
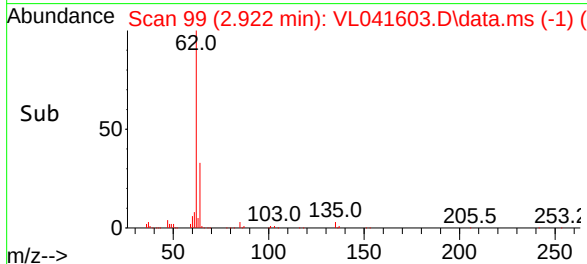
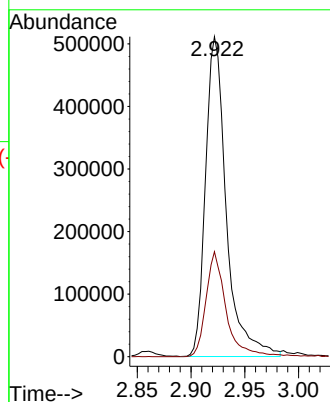
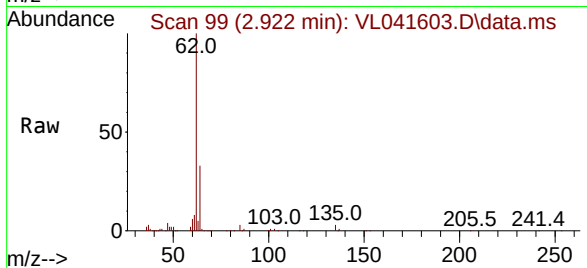




#5
 Vinyl Chloride
 Concen: 10.278 ppbv
 RT: 2.922 min Scan# 91
 Delta R.T. 0.026 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

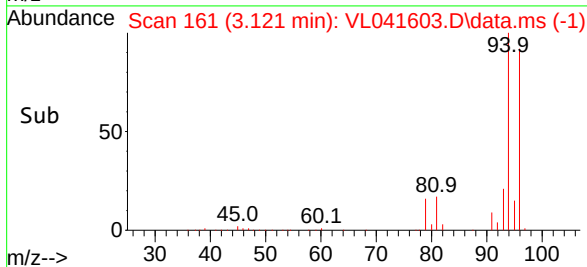
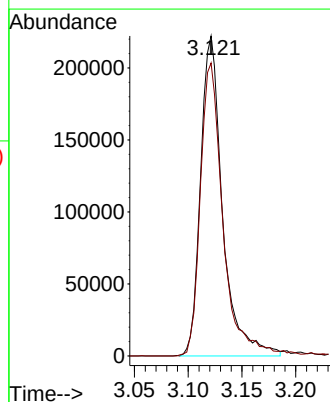
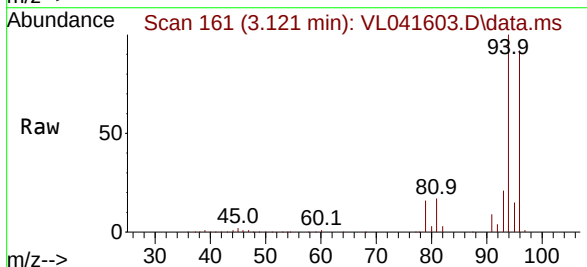
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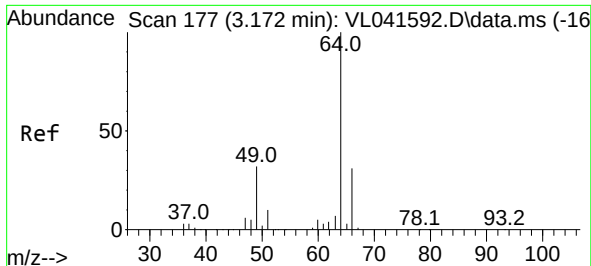
Tgt Ion: 62 Resp: 686540
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.0 39.0



#6
 Bromomethane
 Concen: 9.517 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.026 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Tgt Ion: 94 Resp: 316275
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.4 110.2

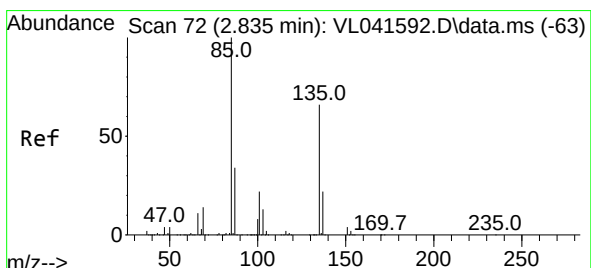
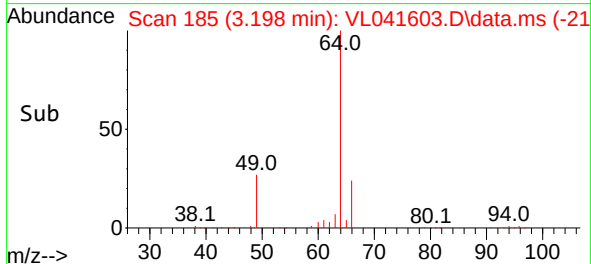
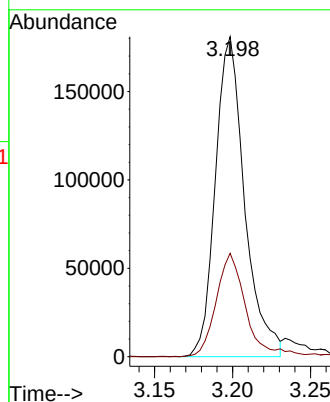
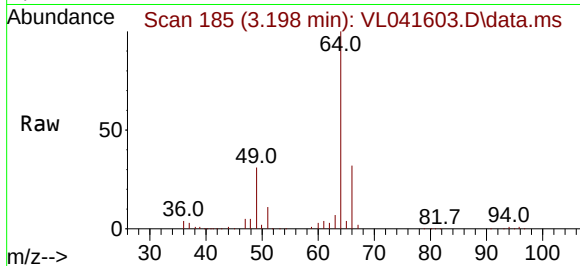




#7
Chloroethane
Concen: 9.085 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

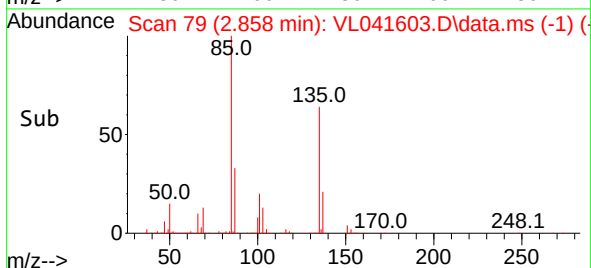
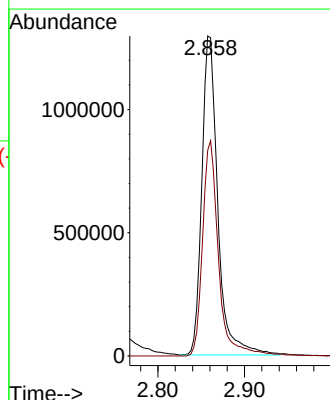
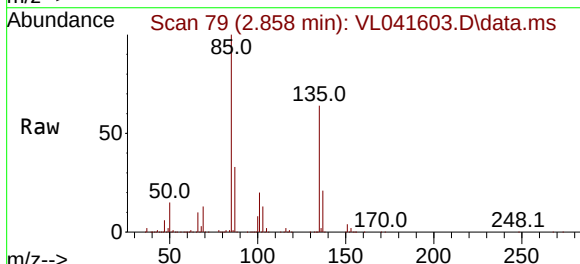
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MSVOA_L
ClientSampleId :

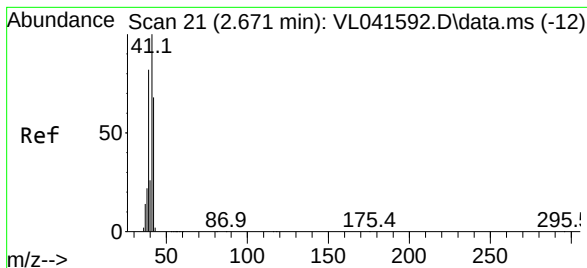
Tgt Ion: 64 Resp: 236020
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.473 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 85 Resp: 1659459
Ion Ratio Lower Upper
85 100
135 67.8 53.9 80.9





#9

Propene

Concen: 9.943 ppbv

RT: 2.697 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

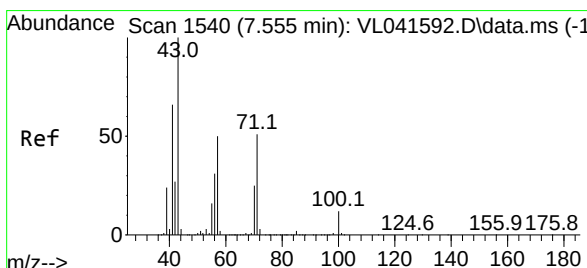
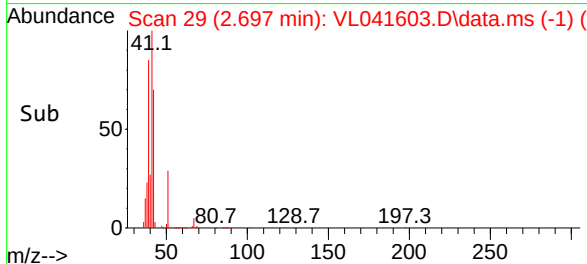
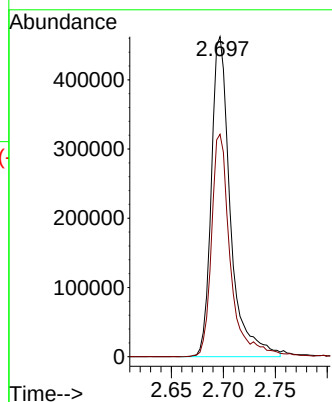
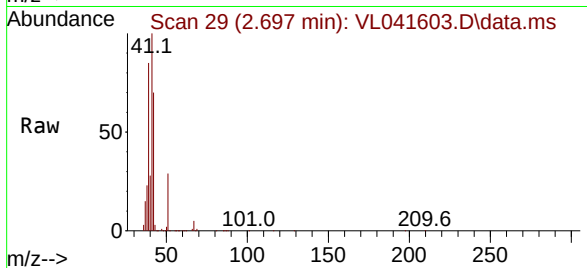
ClientSampleId :

Tgt Ion: 41 Resp: 588244

Ion Ratio Lower Upper

41 100

42 69.8 55.2 82.8



#10

Heptane

Concen: 10.522 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.019 min

Lab File: VL041603.D

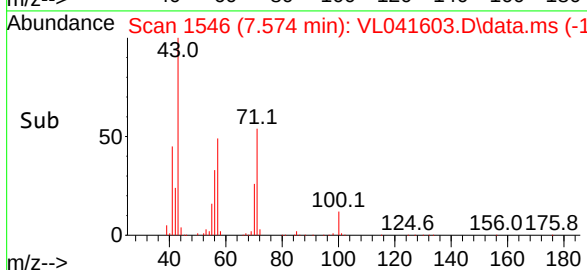
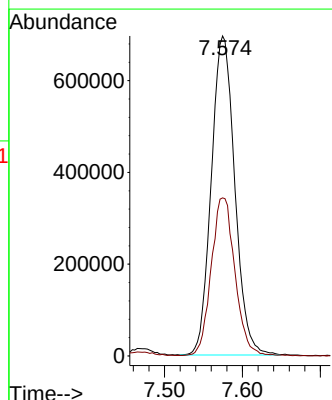
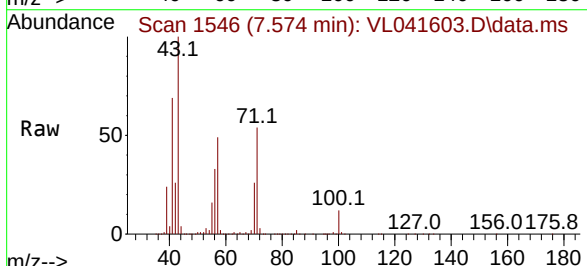
Acq: 18 Sep 2024 10:16

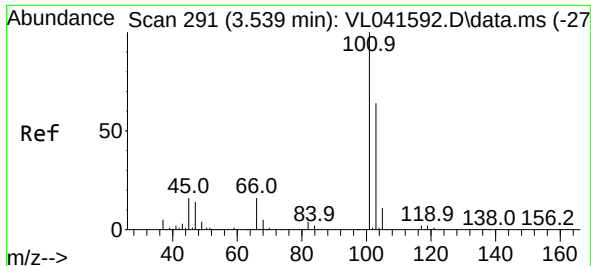
Tgt Ion: 43 Resp: 1457487

Ion Ratio Lower Upper

43 100

57 50.2 39.8 59.8

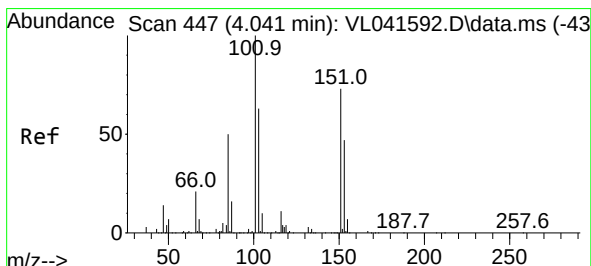
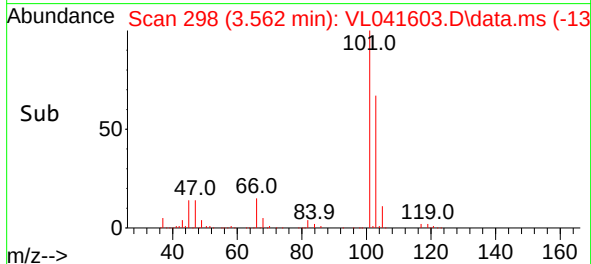
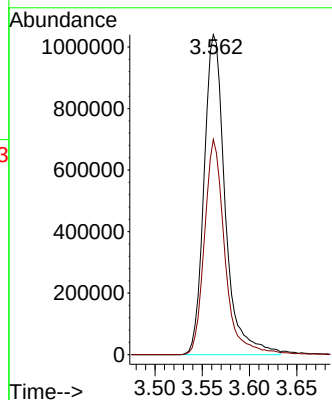
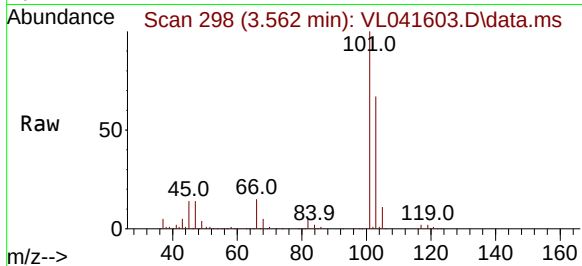




#11
Trichlorofluoromethane
Concen: 9.088 ppbv
RT: 3.562 min Scan# 291
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

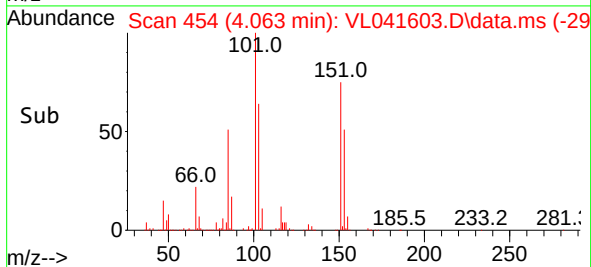
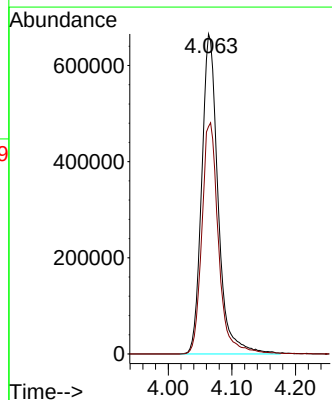
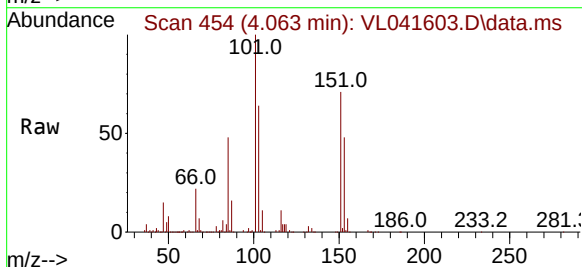
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MSVOA_L
ClientSampleId :

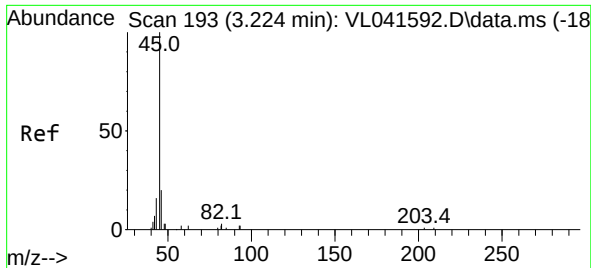
Tgt Ion:101 Resp: 1615013
Ion Ratio Lower Upper
101 100
103 67.3 51.2 76.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.248 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion:101 Resp: 1190198
Ion Ratio Lower Upper
101 100
151 73.5 59.4 89.2

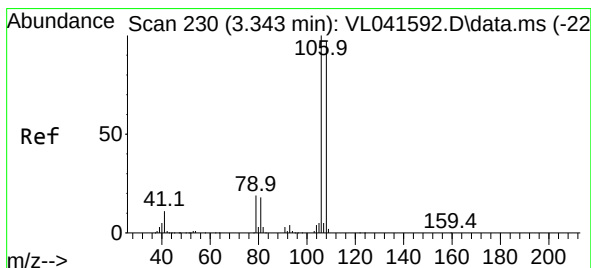
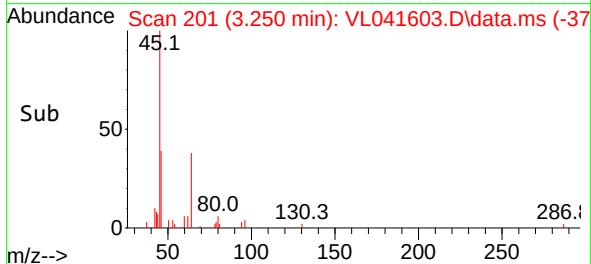
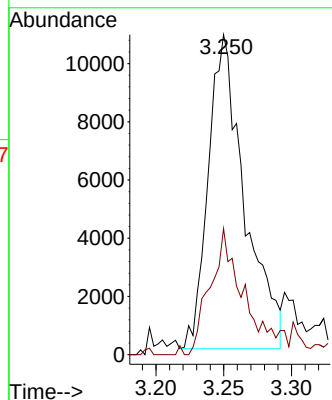
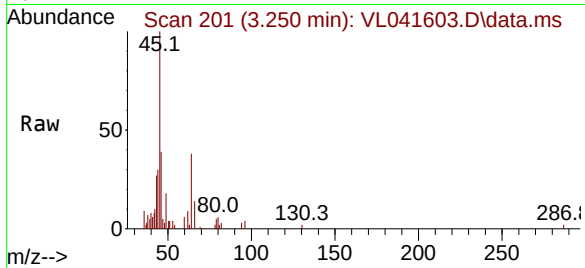




#13
 Ethanol
 Concen: 4.515 ppbv
 RT: 3.250 min Scan# 201
 Delta R.T. 0.026 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

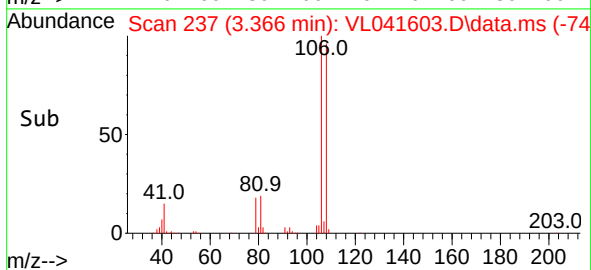
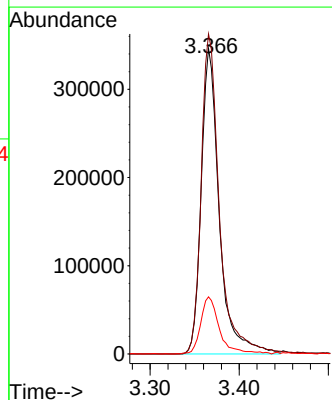
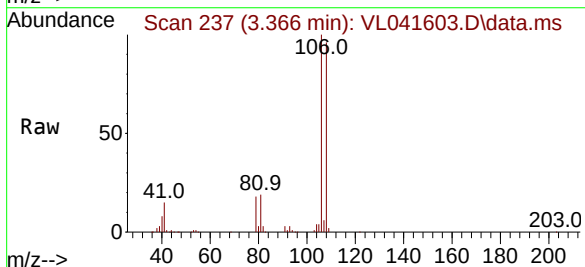
Instrument :
 MSVOA_L
 ClientSampleId :

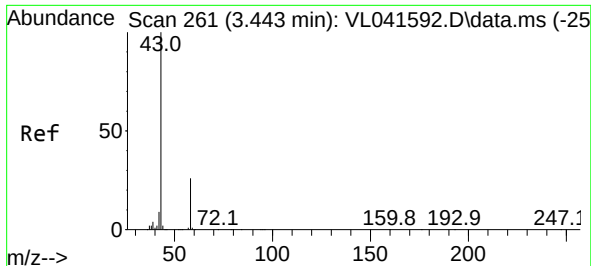
Tgt Ion: 45 Resp: 20084
 Ion Ratio Lower Upper
 45 100
 46 44.5 15.2 60.8



#14
 Bromoethene
 Concen: 9.997 ppbv
 RT: 3.366 min Scan# 237
 Delta R.T. 0.023 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Tgt Ion: 108 Resp: 487861
 Ion Ratio Lower Upper
 108 100
 106 106.3 86.5 129.7
 79 19.6 16.2 24.4

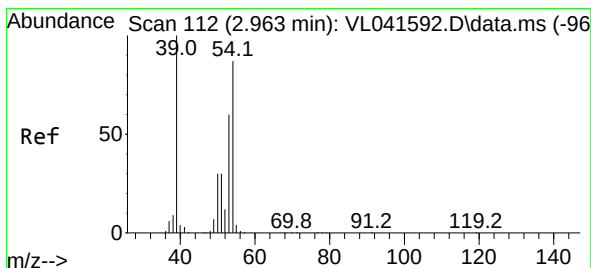
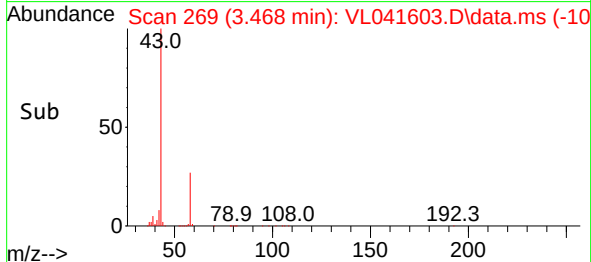
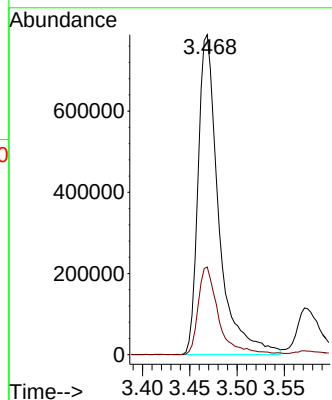
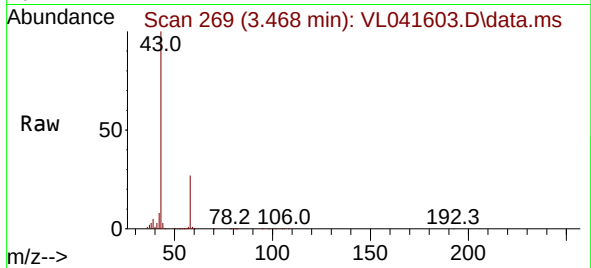




#15
Acetone
Concen: 8.217 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

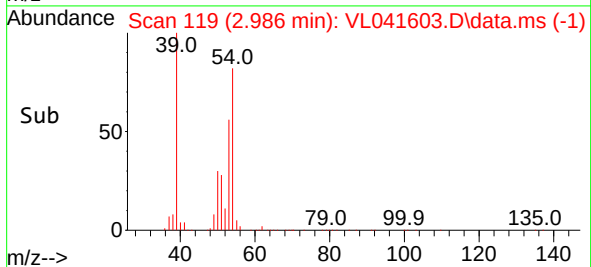
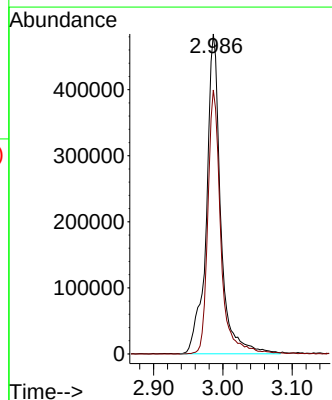
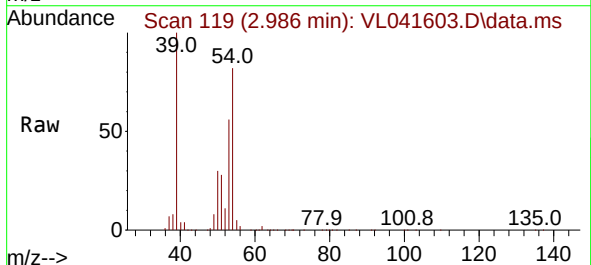
Instrument :
MSVOA_L
ClientSampleId :

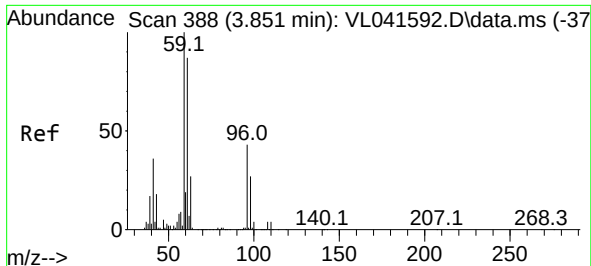
Tgt Ion: 43 Resp: 1192968
Ion Ratio Lower Upper
43 100
58 27.4 21.5 32.3



#16
1,3-Butadiene
Concen: 9.819 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 39 Resp: 693352
Ion Ratio Lower Upper
39 100
54 75.0 62.9 94.3





#17

tert-Butyl alcohol

Concen: 9.589 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.026 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

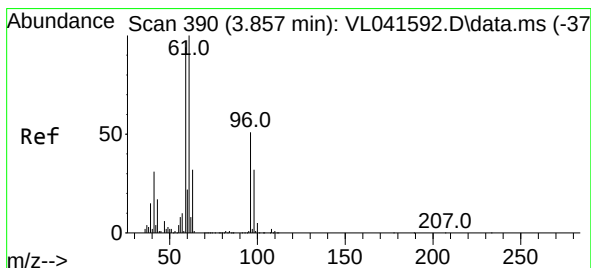
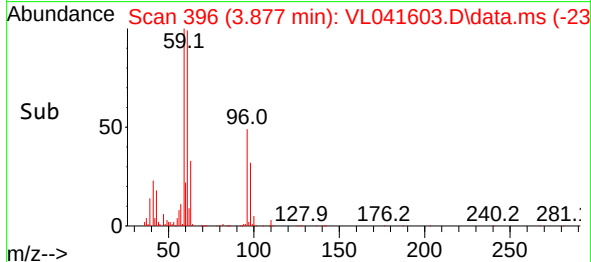
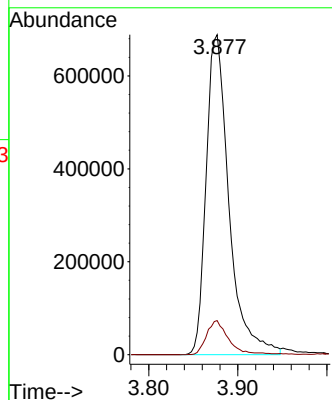
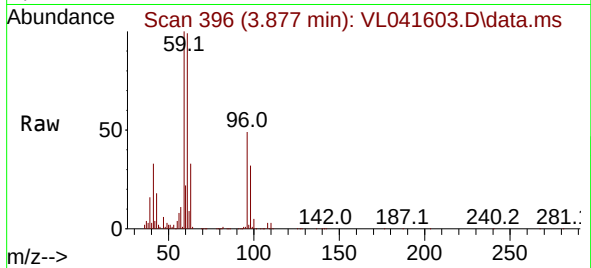
ClientSampleId :

Tgt Ion: 59 Resp: 1224256

Ion Ratio Lower Upper

59 100

57 10.5 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.825 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

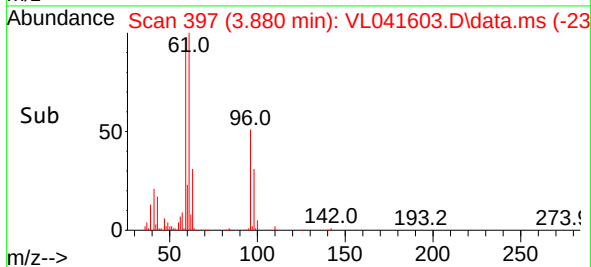
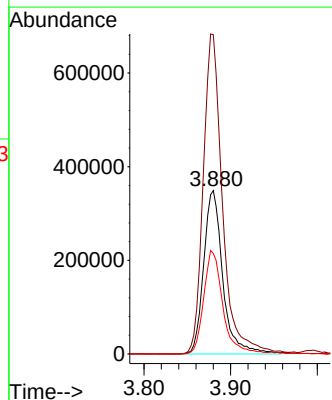
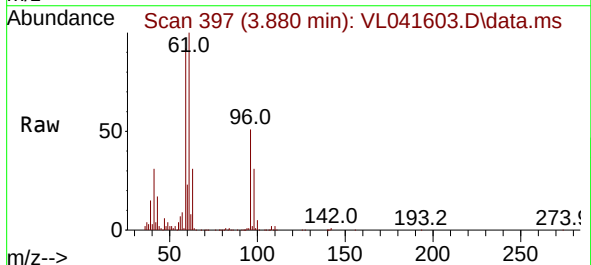
Tgt Ion: 96 Resp: 535313

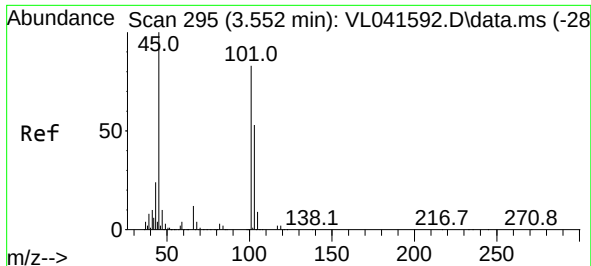
Ion Ratio Lower Upper

96 100

61 195.5 155.6 233.4

98 61.5 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.827 ppbv

RT: 3.575 min Scan# 302

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

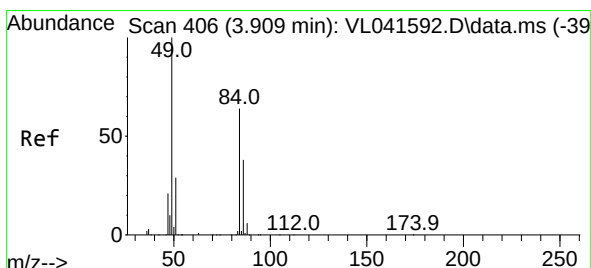
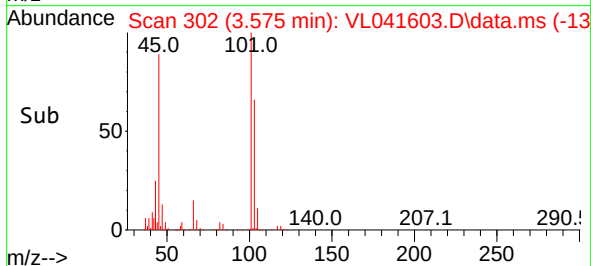
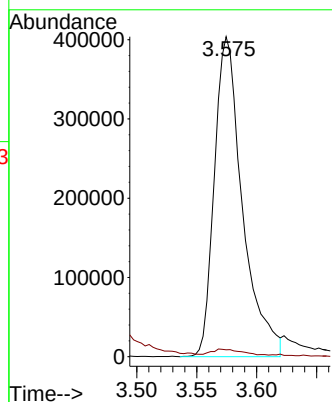
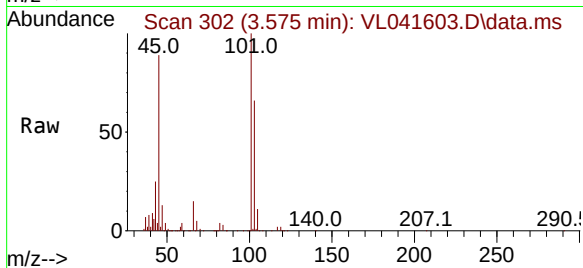
ClientSampleId :

Tgt Ion: 45 Resp: 656028

Ion Ratio Lower Upper

45 100

58 3.4 2.1 3.1#



#20

Methylene Chloride

Concen: 8.095 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion: 84 Resp: 441509

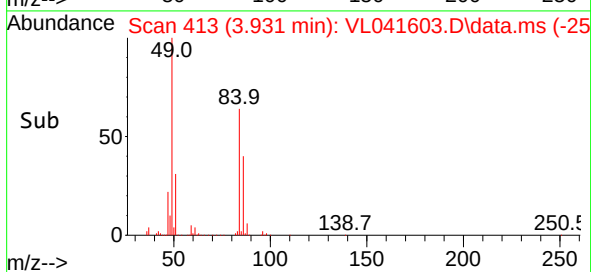
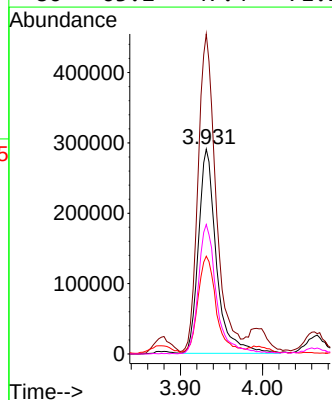
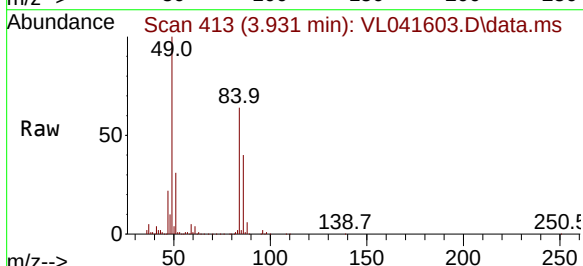
Ion Ratio Lower Upper

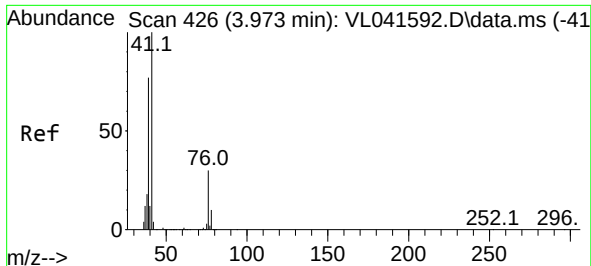
84 100

49 155.5 124.3 186.5

51 47.1 36.3 54.5

86 63.2 47.4 71.2





#21

Allyl Chloride

Concen: 9.665 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

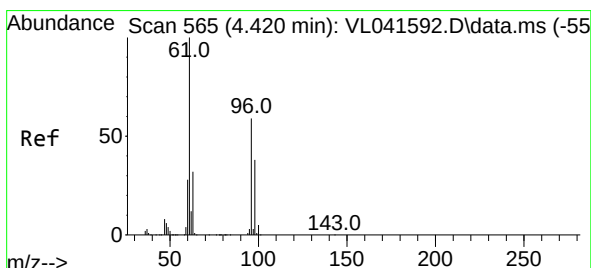
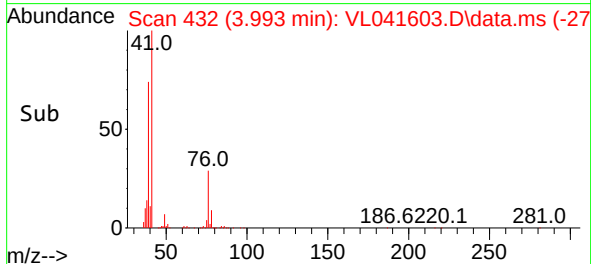
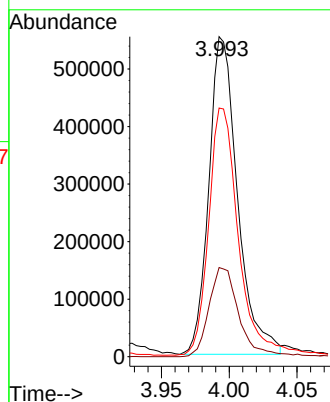
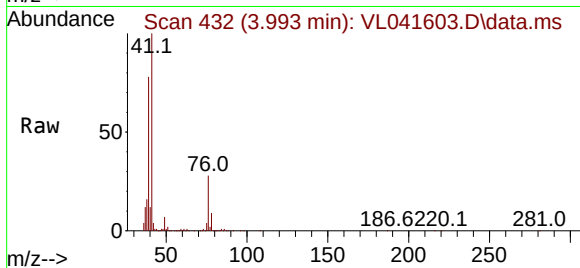
Tgt Ion: 41 Resp: 813252

Ion Ratio Lower Upper

41 100

76 29.4 23.8 35.6

39 81.8 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 9.611 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

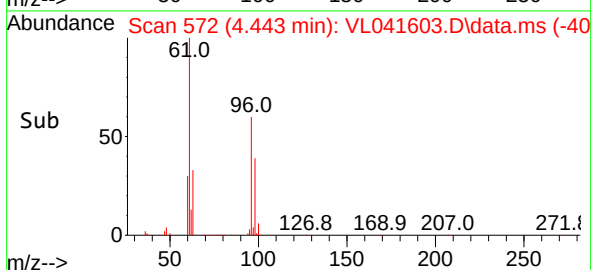
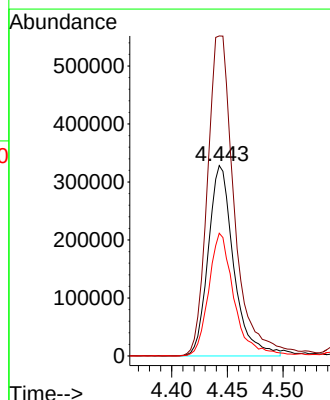
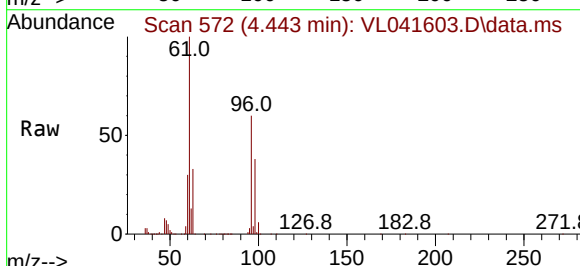
Tgt Ion: 96 Resp: 522406

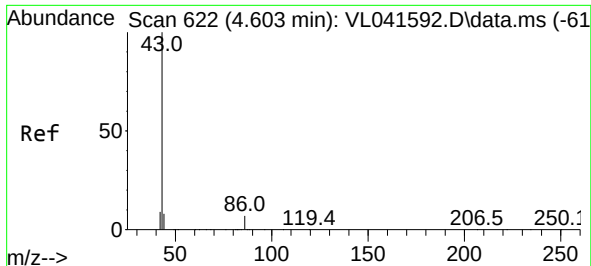
Ion Ratio Lower Upper

96 100

61 167.9 135.7 203.5

98 64.4 50.9 76.3

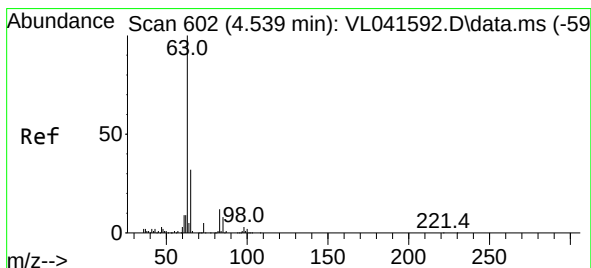
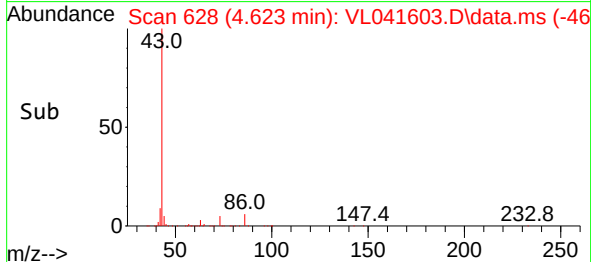
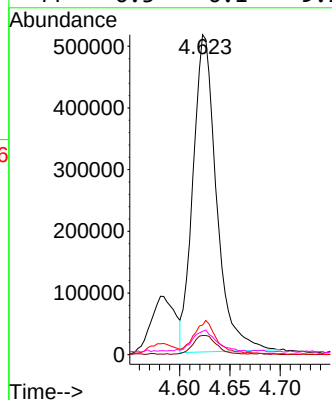
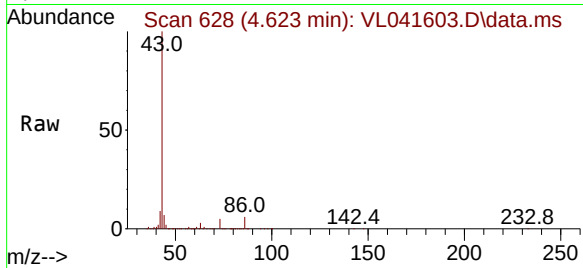




#23
 Vinyl Acetate
 Concen: 10.459 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

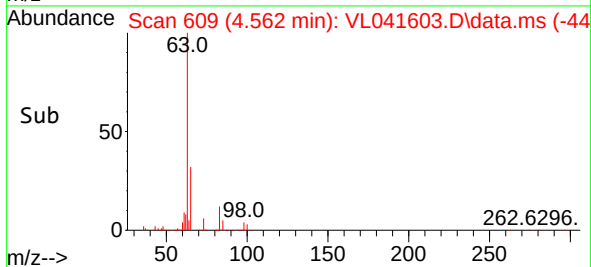
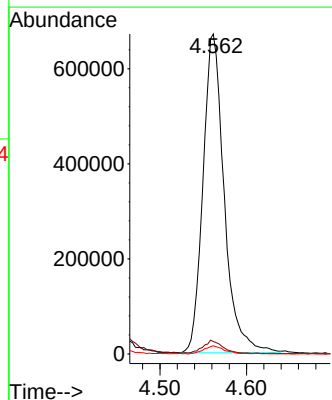
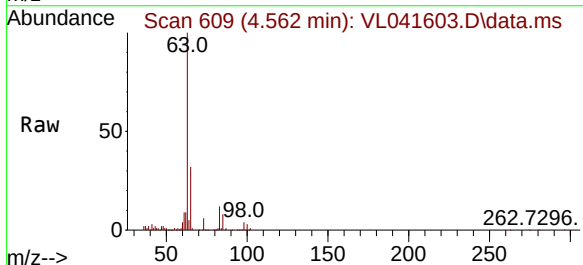
Instrument :
 MSVOA_L
 ClientSampleId :

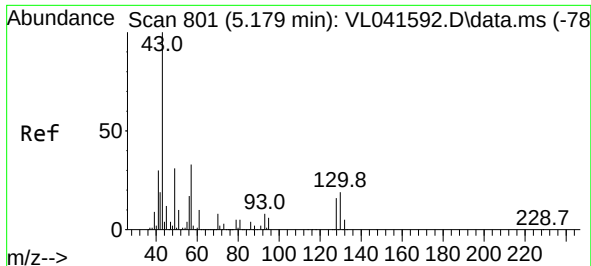
Tgt Ion: 43 Resp: 835177
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3
 42 9.1 8.0 12.0
 44 6.3 6.1 9.1



#24
 1,1-Dichloroethane
 Concen: 9.534 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.023 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

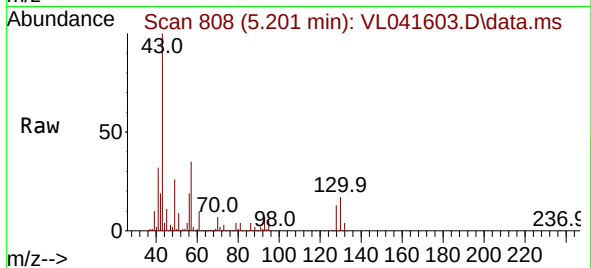
Tgt Ion: 63 Resp: 1142671
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.7 5.1
 100 2.5 1.1 3.3





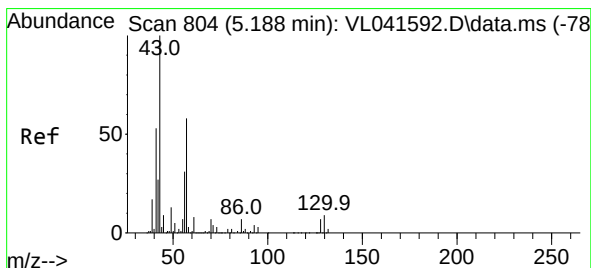
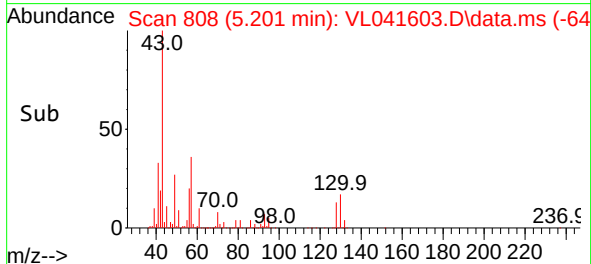
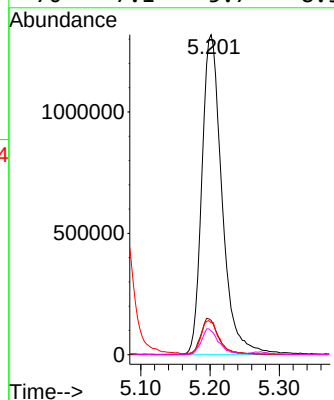
#25
Ethyl Acetate
Concen: 10.158 ppbv
RT: 5.201 min Scan# 801
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2647300

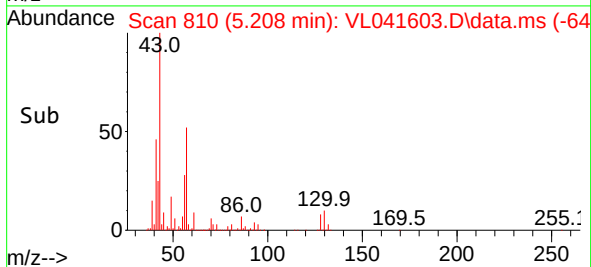
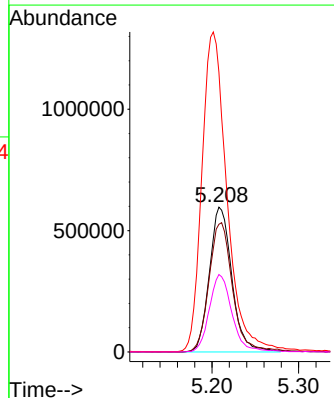
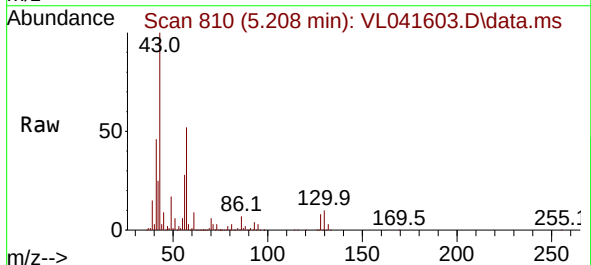
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.4	8.0	12.0
70	7.1	5.7	8.5

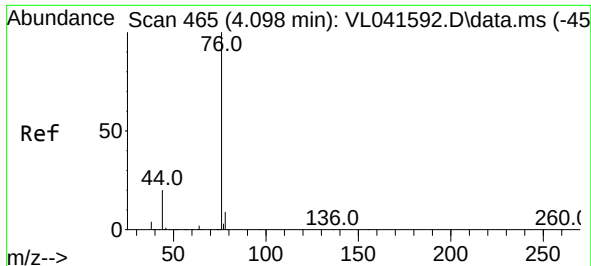


#26
Hexane
Concen: 9.884 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 57 Resp: 1074230

Ion	Ratio	Lower	Upper
57	100		
41	94.5	75.7	113.5
43	248.1	198.5	297.7
56	54.3	44.1	66.1





#27

Carbon Disulfide

Concen: 10.995 ppbv

RT: 4.121 min Scan# 41

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

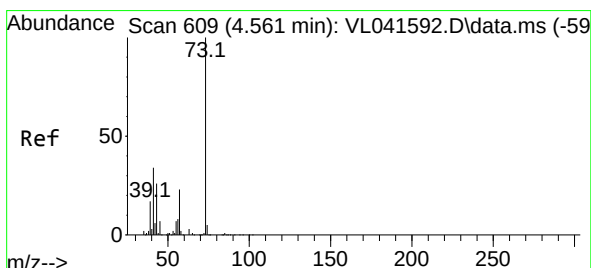
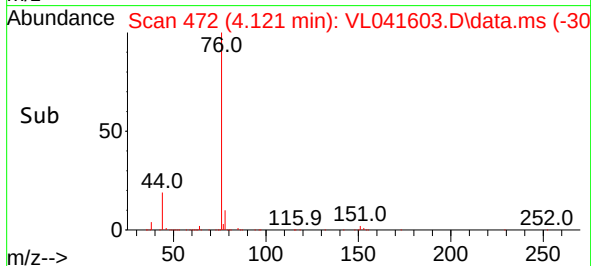
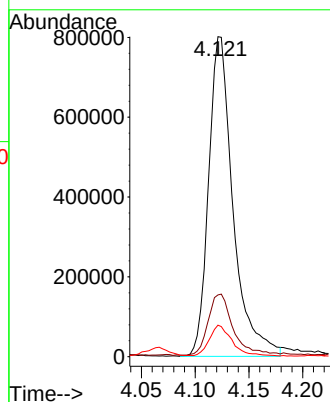
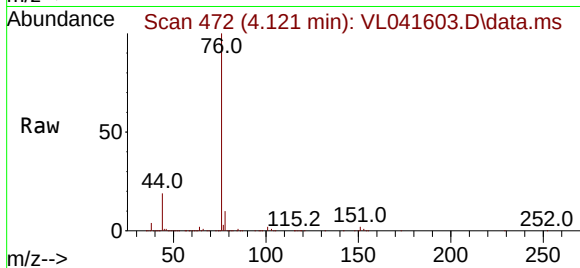
Tgt Ion: 76 Resp: 1270273

Ion Ratio Lower Upper

76 100

44 19.9 15.8 23.8

78 9.7 7.5 11.3



#28

Methyl tert-Butyl Ether

Concen: 9.816 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.023 min

Lab File: VL041603.D

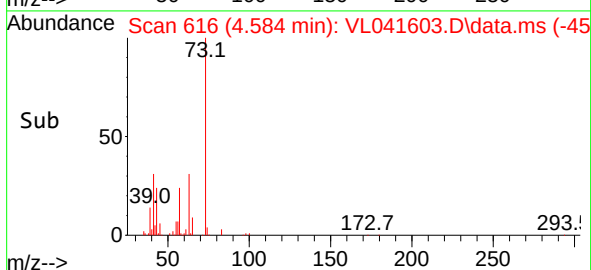
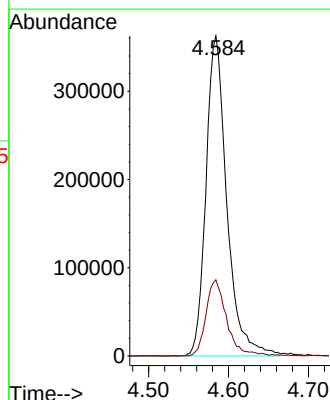
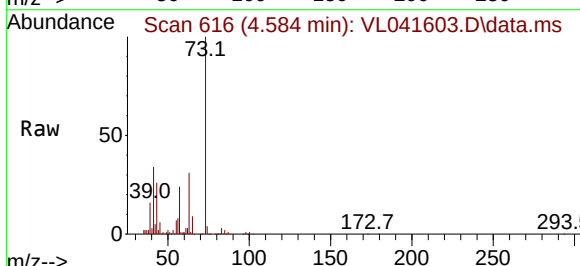
Acq: 18 Sep 2024 10:16

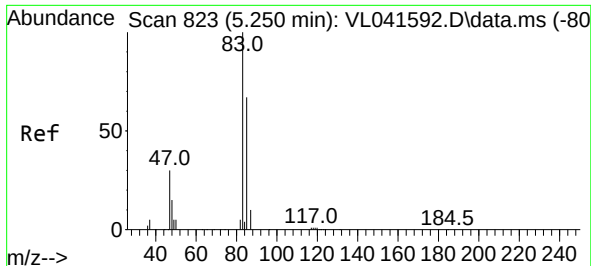
Tgt Ion: 73 Resp: 657790

Ion Ratio Lower Upper

73 100

57 23.8 19.3 28.9





#29

Chloroform

Concen: 9.477 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

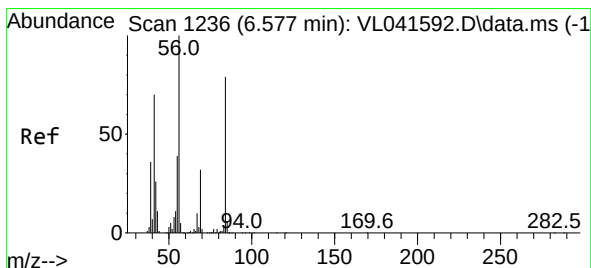
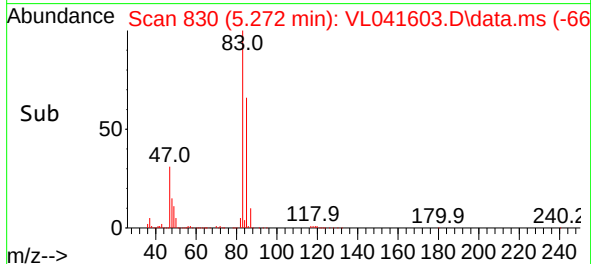
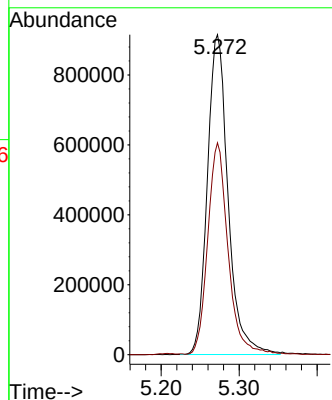
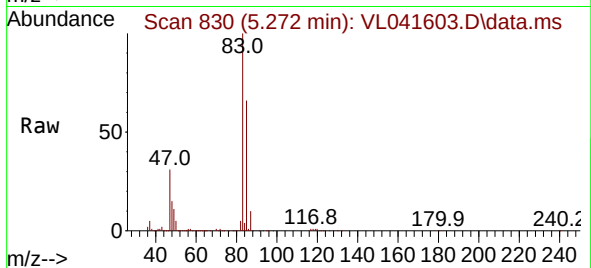
ClientSampleId :

Tgt Ion: 83 Resp: 1685499

Ion Ratio Lower Upper

83 100

85 65.9 53.8 80.6



#30

Cyclohexane

Concen: 10.858 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

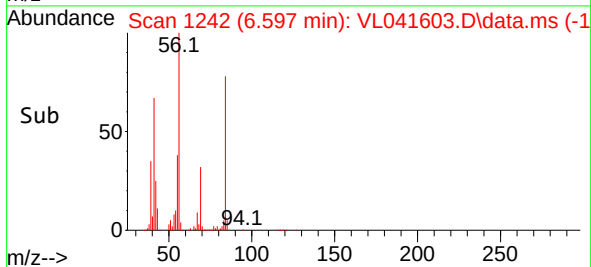
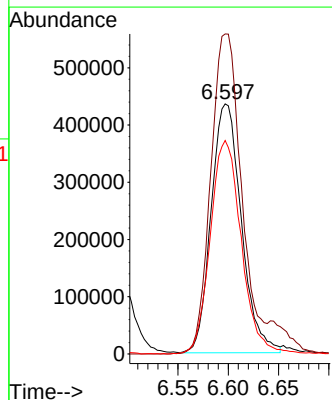
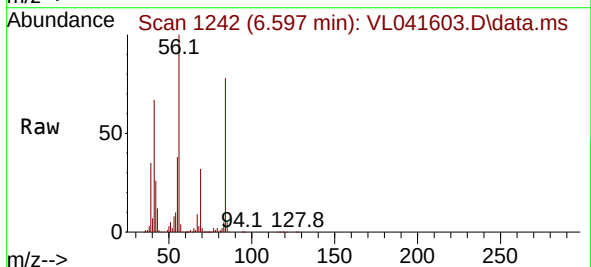
Tgt Ion: 84 Resp: 909681

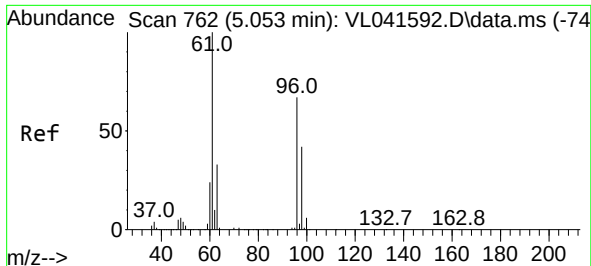
Ion Ratio Lower Upper

84 100

56 139.7 111.5 167.3

41 88.0 70.9 106.3



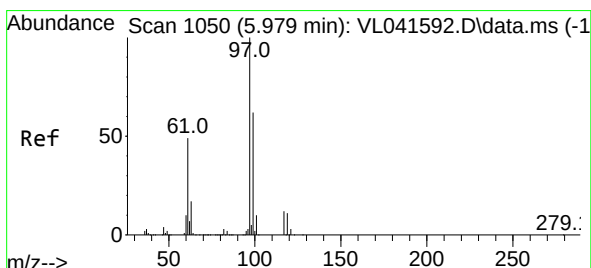
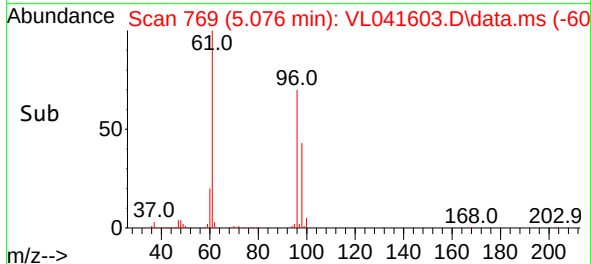
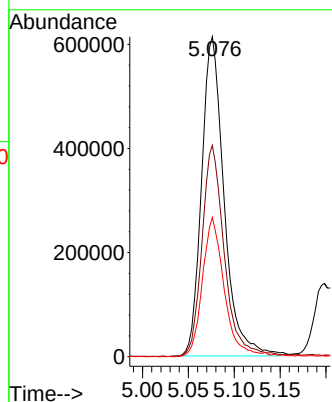
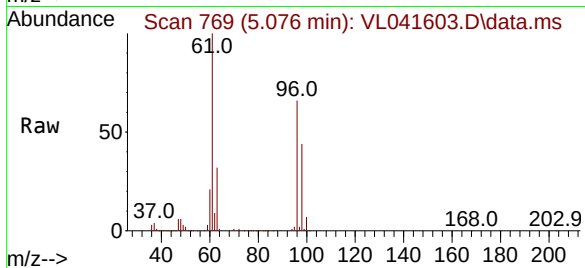


#31
 cis-1,2-Dichloroethene
 Concen: 10.129 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. 0.023 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 61 Resp: 1045127

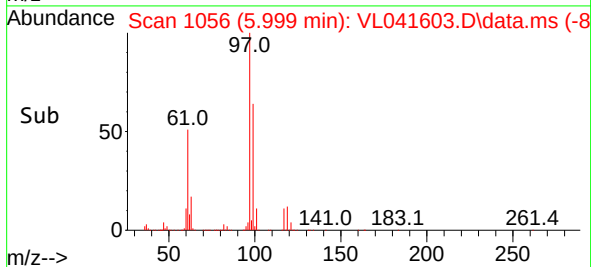
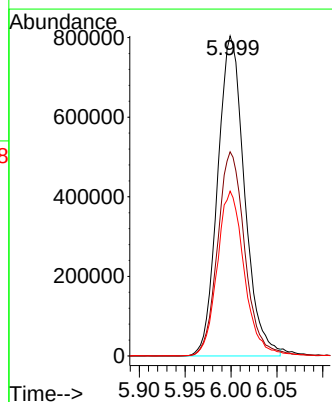
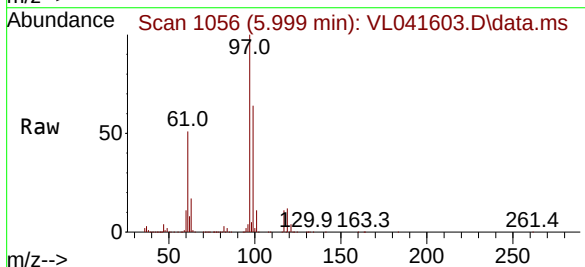
Ion	Ratio	Lower	Upper
61	100		
96	66.0	53.5	80.3
98	43.5	33.7	50.5

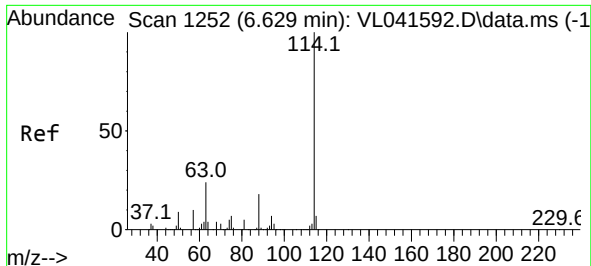


#32
 1,1,1-Trichloroethane
 Concen: 10.336 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Tgt Ion: 97 Resp: 1637346

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	52.5	41.0	61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

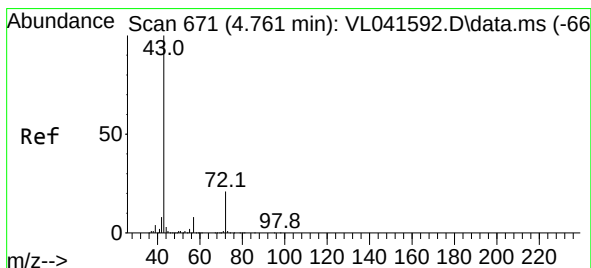
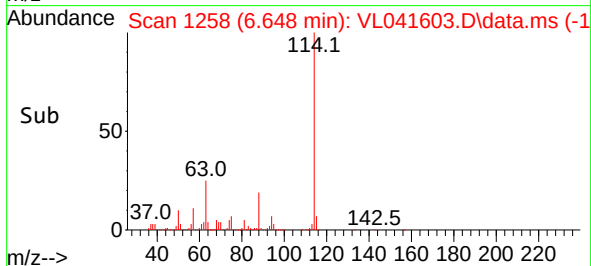
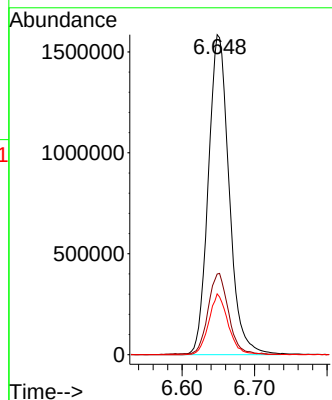
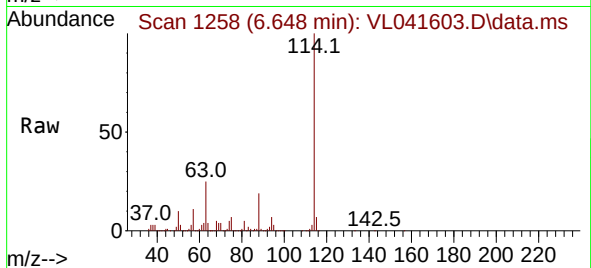
Tgt Ion:114 Resp: 3163270

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 9.965 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.023 min

Lab File: VL041603.D

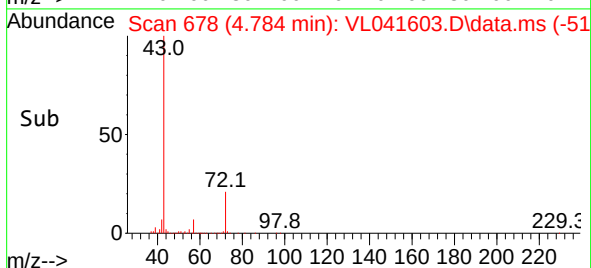
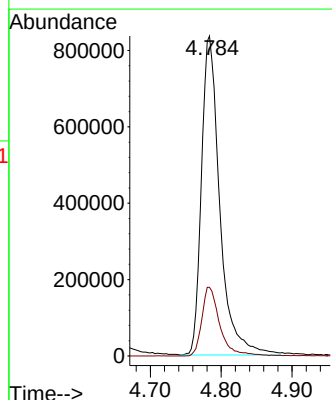
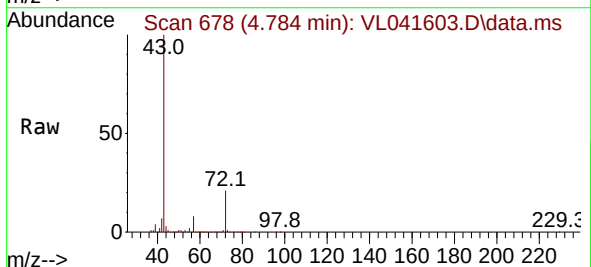
Acq: 18 Sep 2024 10:16

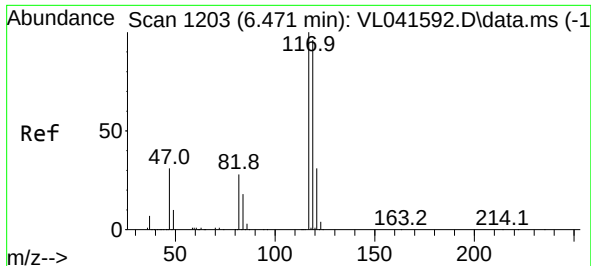
Tgt Ion: 43 Resp: 1503091

Ion Ratio Lower Upper

43 100

72 21.4 16.8 25.2

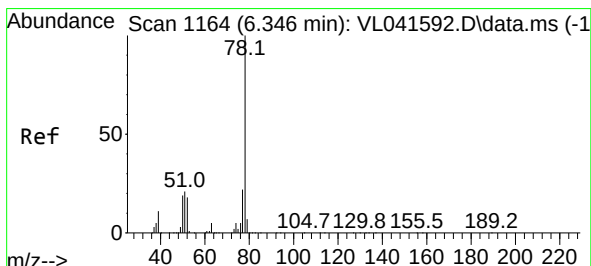
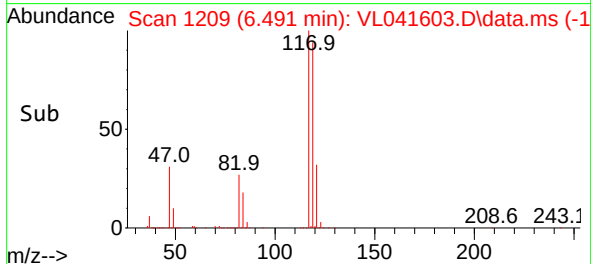
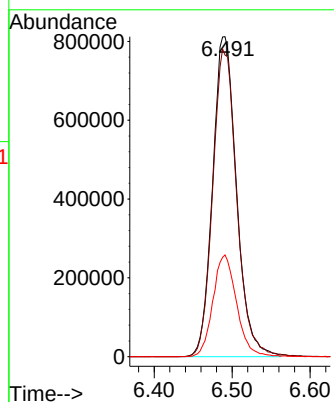
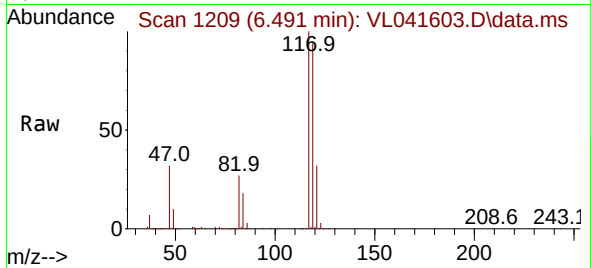




#35
Carbon Tetrachloride
Concen: 11.163 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

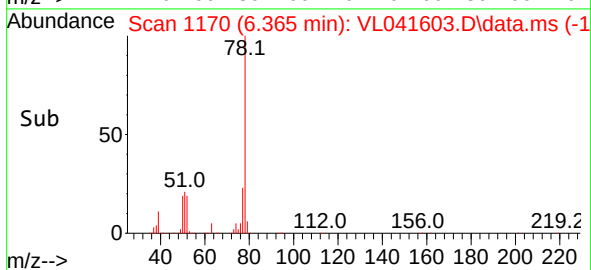
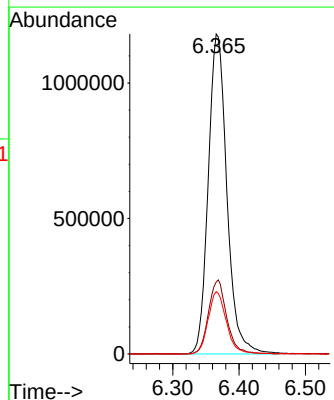
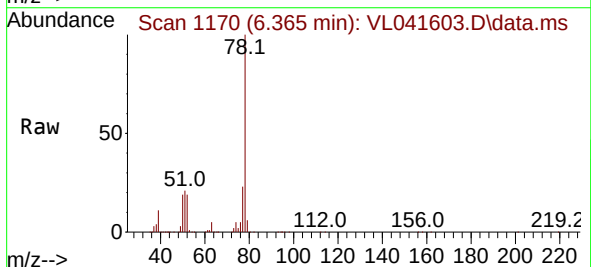
Instrument :
MSVOA_L
ClientSampleId :

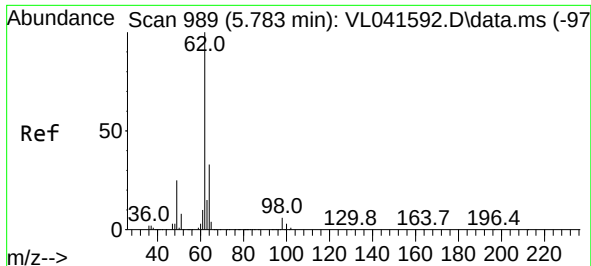
Tgt Ion:117 Resp: 1732518
Ion Ratio Lower Upper
117 100
119 94.2 76.8 115.2
121 31.8 25.0 37.6



#36
Benzene
Concen: 10.504 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 78 Resp: 2307599
Ion Ratio Lower Upper
78 100
77 22.5 17.8 26.6
50 19.5 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.122 ppbv

RT: 5.803 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

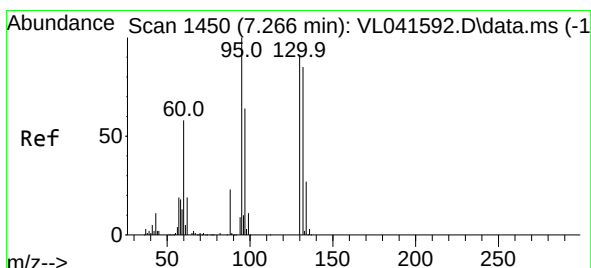
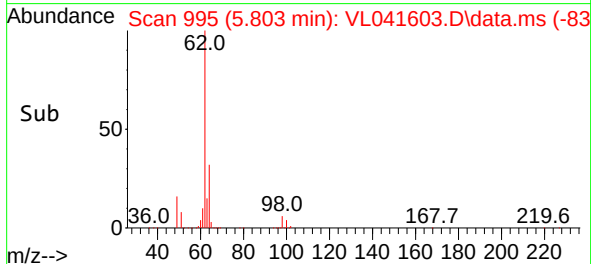
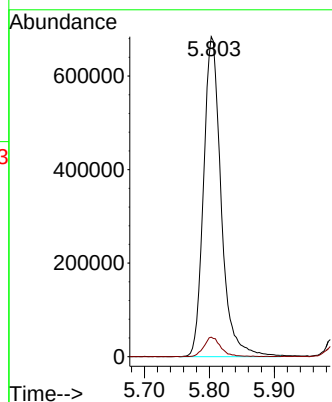
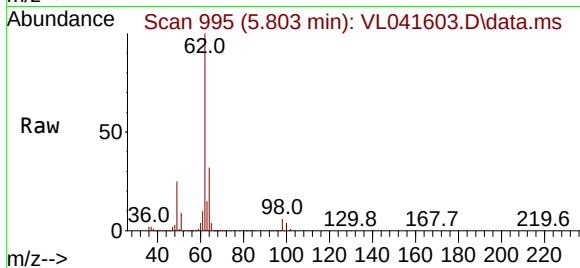
ClientSampleId :

Tgt Ion: 62 Resp: 1290133

Ion Ratio Lower Upper

62 100

98 6.2 4.8 7.2



#38

Trichloroethene

Concen: 10.871 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion:130 Resp: 1229916

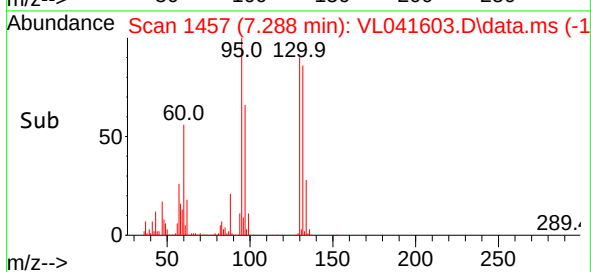
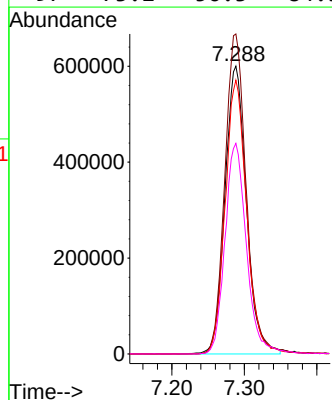
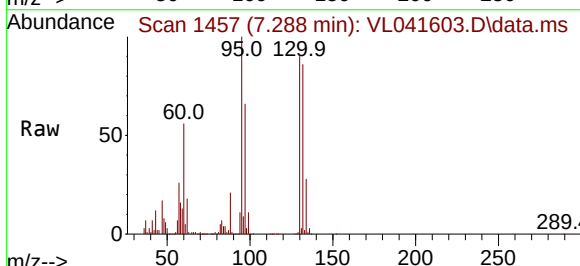
Ion Ratio Lower Upper

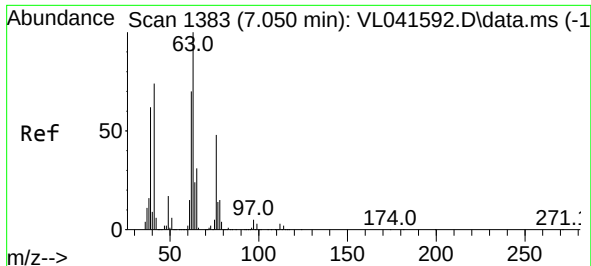
130 100

95 111.2 87.7 131.5

132 95.1 74.5 111.7

97 73.2 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.932 ppbv

RT: 7.070 min Scan# 11

Delta R.T. 0.019 min

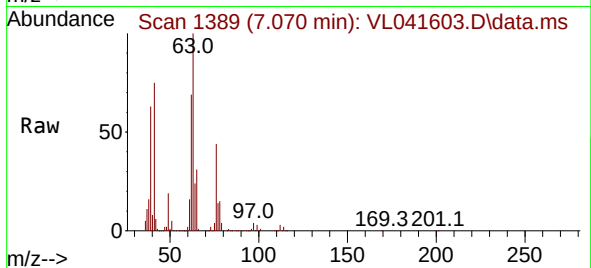
Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :



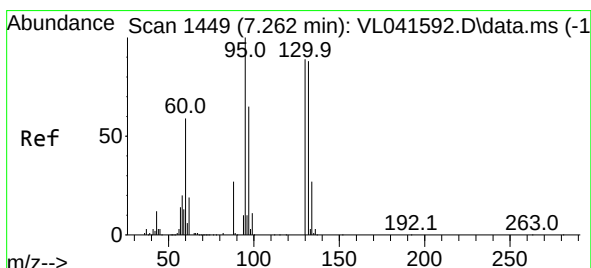
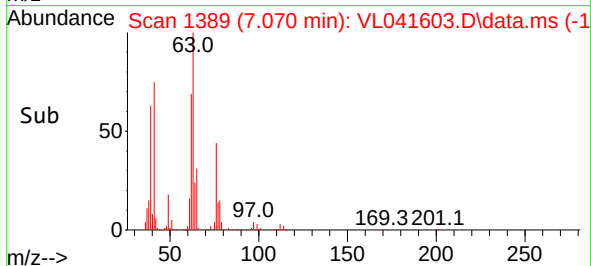
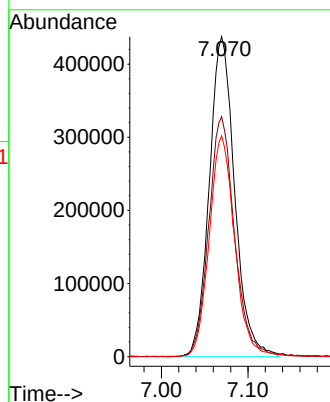
Tgt Ion: 63 Resp: 887630

Ion Ratio Lower Upper

63 100

41 74.9 59.5 89.3

62 69.0 56.2 84.2



#40

1,4-Dioxane

Concen: 10.808 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion: 88 Resp: 364111

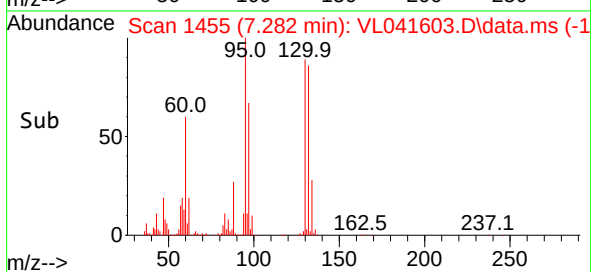
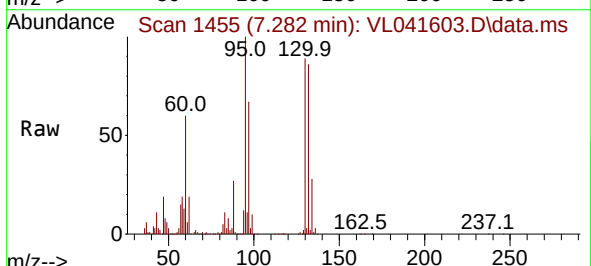
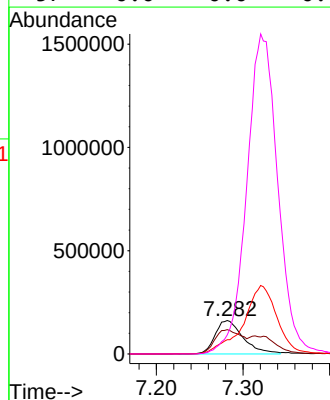
Ion Ratio Lower Upper

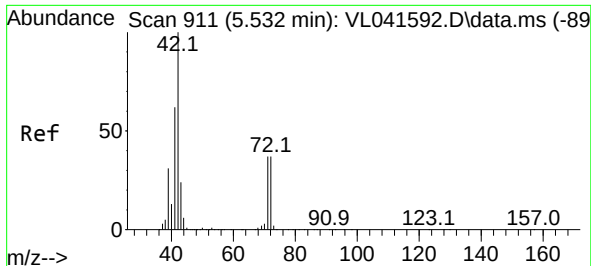
88 100

58 122.6 100.2 150.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 11.094 ppbv

RT: 5.552 min Scan# 911

Delta R.T. 0.019 min

Lab File: VL041603.D

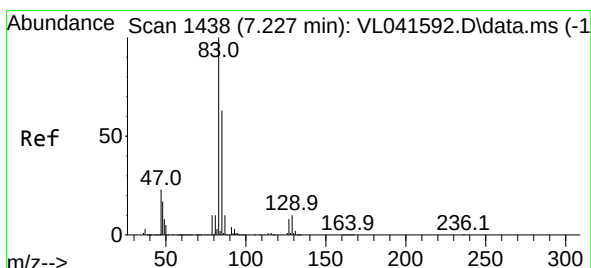
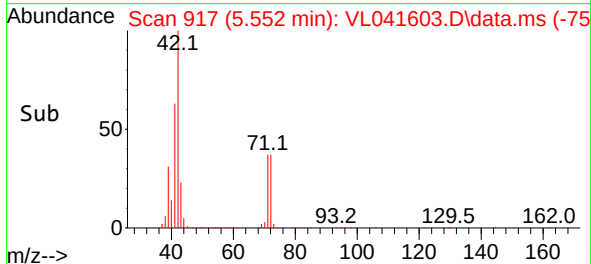
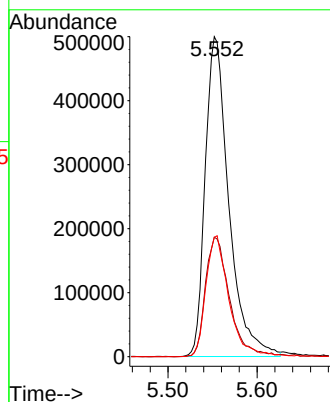
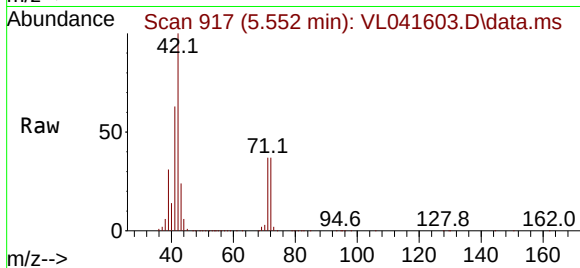
Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	920914
Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.2	45.2
71	37.3	29.6	44.4



#42

Bromodichloromethane

Concen: 10.379 ppbv

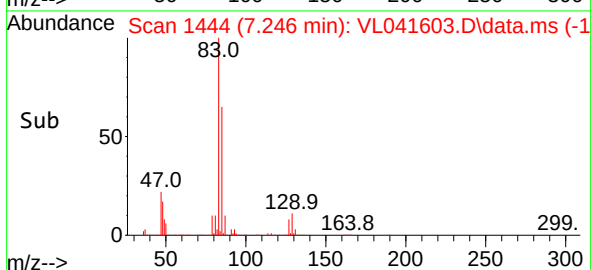
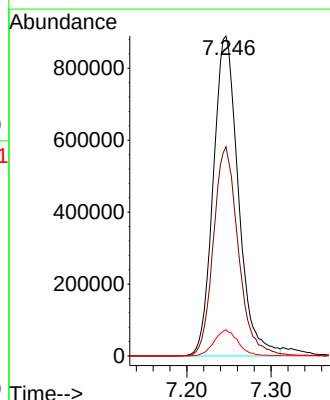
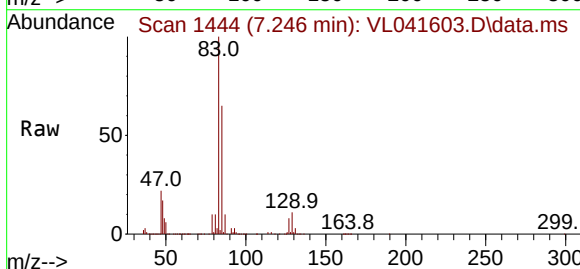
RT: 7.246 min Scan# 1444

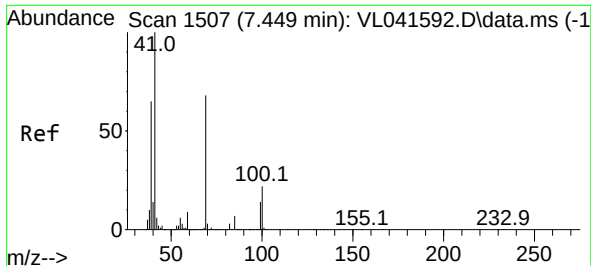
Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion:	83	Resp:	1840578
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.5	75.7
127	8.2	6.5	9.7

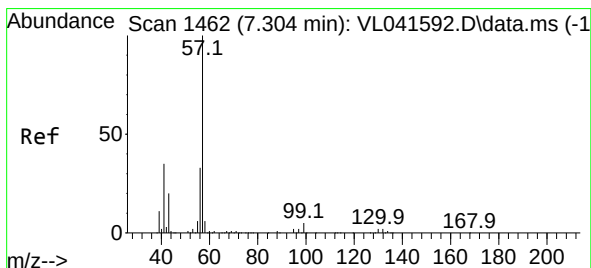
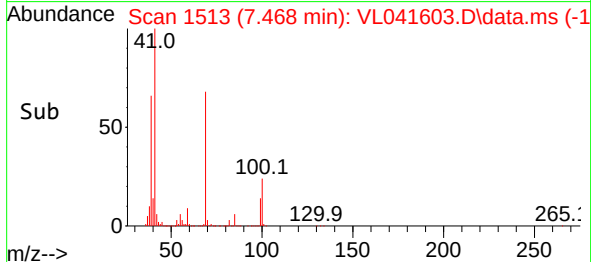
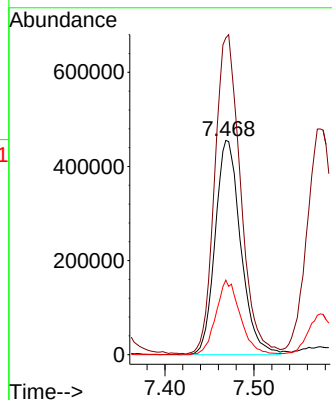
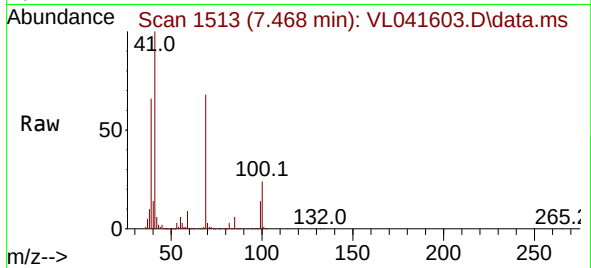




#43
Methyl Methacrylate
Concen: 11.522 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

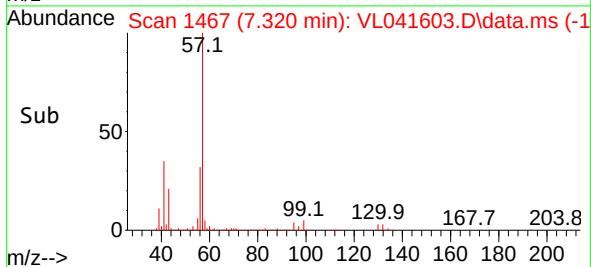
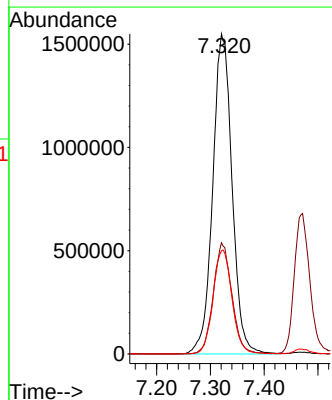
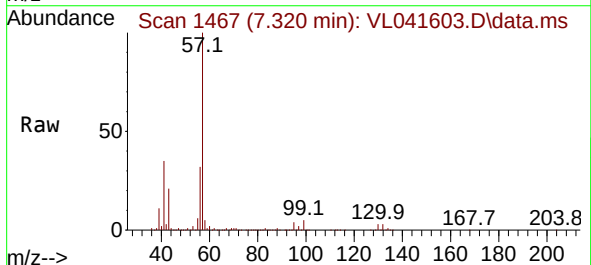
Instrument :
MSVOA_L
ClientSampleId :

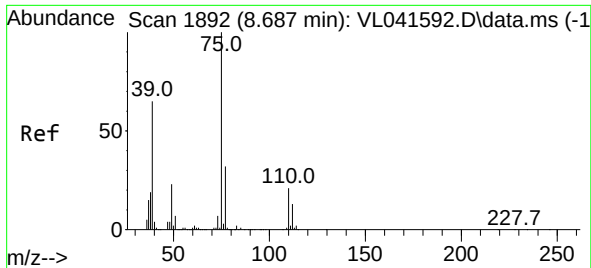
Tgt Ion: 69 Resp: 905817
Ion Ratio Lower Upper
69 100
41 150.8 121.8 182.6
100 33.3 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 10.196 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 57 Resp: 3875181
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.6
56 31.8 25.5 38.3

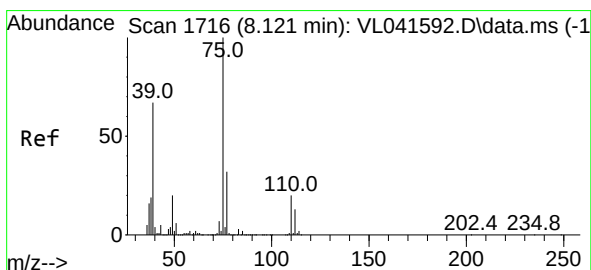
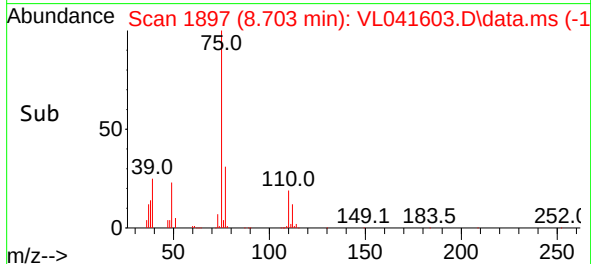
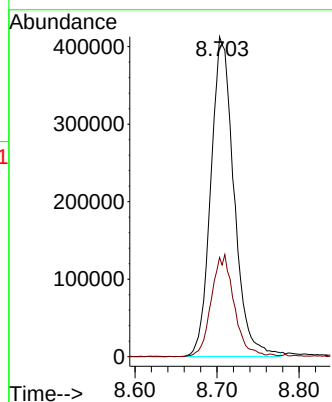
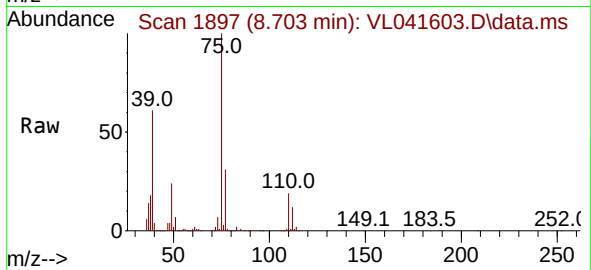




#45
t-1,3-Dichloropropene
Concen: 12.771 ppbv
RT: 8.703 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

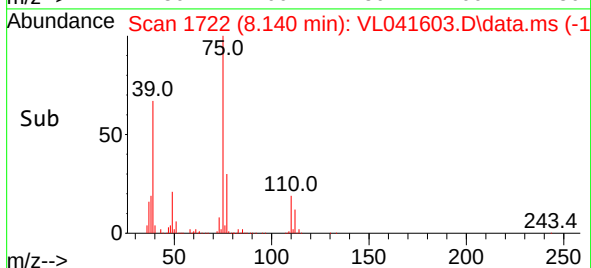
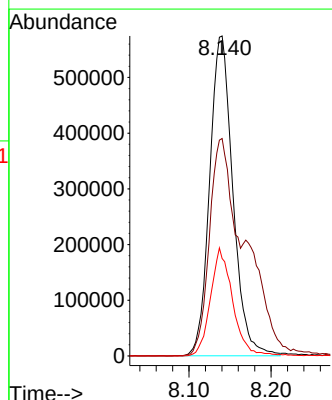
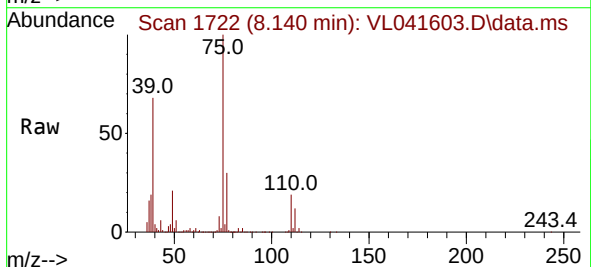
Instrument :
MSVOA_L
ClientSampleId :

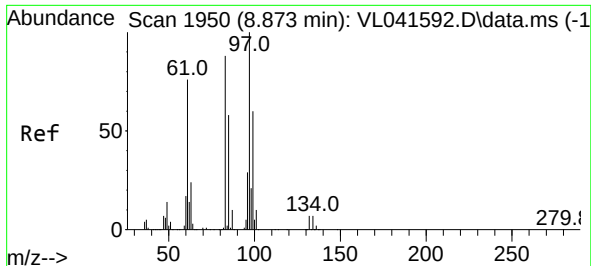
Tgt Ion: 75 Resp: 809504
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0



#46
cis-1,3-Dichloropropene
Concen: 12.181 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 75 Resp: 1131086
Ion Ratio Lower Upper
75 100
39 67.7 54.0 81.0
77 30.5 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.156 ppbv

RT: 8.893 min Scan# 1950

Delta R.T. 0.019 min

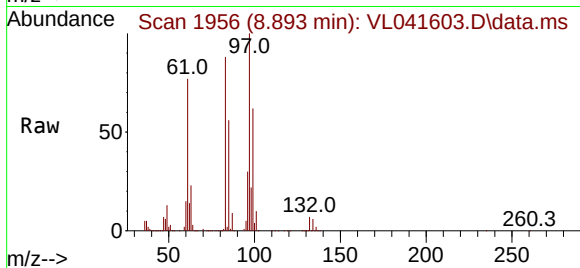
Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

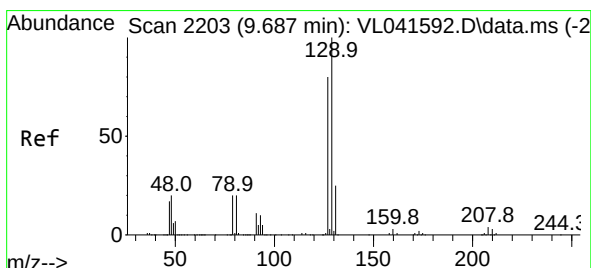
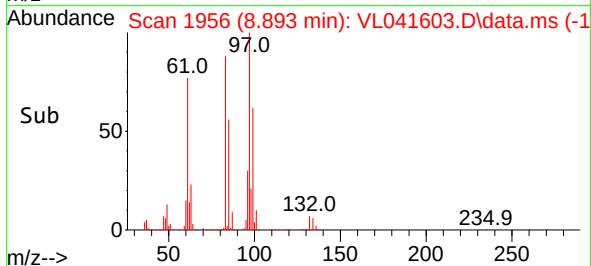
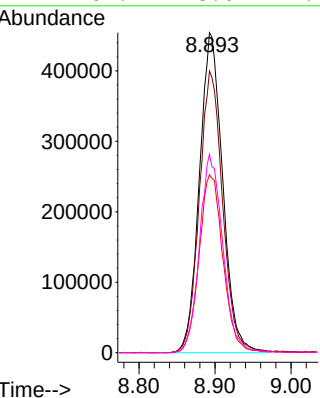
MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 963708

Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.4
85	55.5	46.3	69.5
99	61.9	48.0	72.0



#48

Dibromochloromethane

Concen: 11.034 ppbv

RT: 9.706 min Scan# 2209

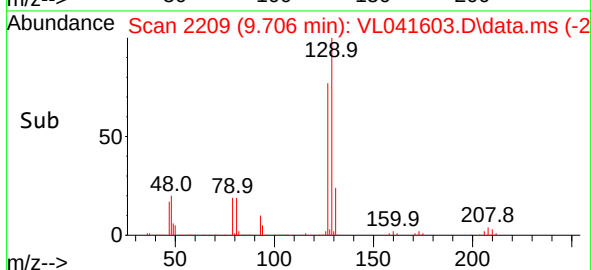
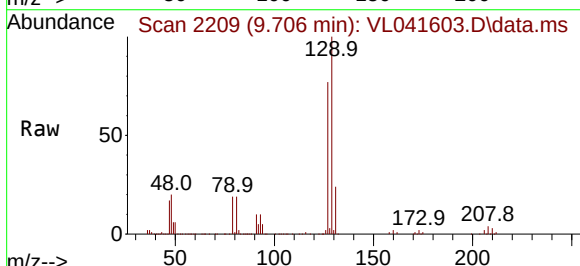
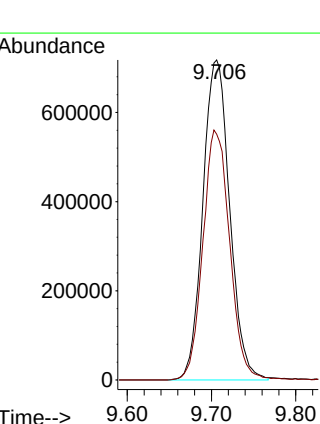
Delta R.T. 0.019 min

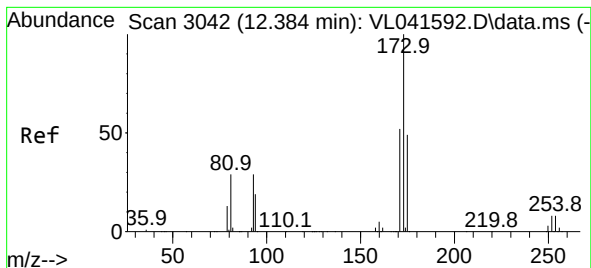
Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion: 129 Resp: 1586368

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.3	117.9





#49

Bromoform

Concen: 11.304 ppbv

RT: 12.404 min Scan# 3042

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

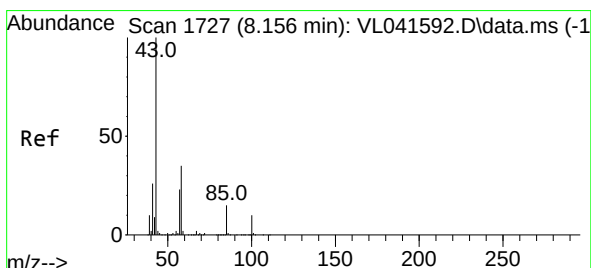
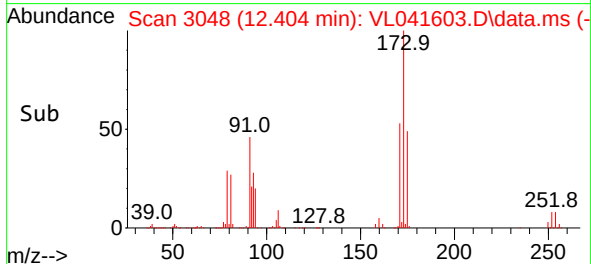
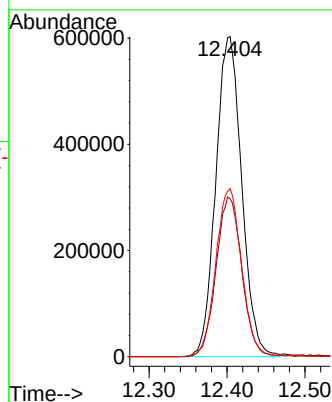
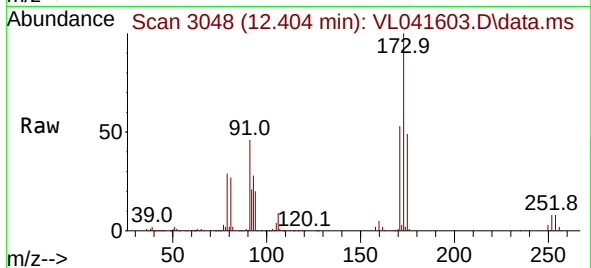
Tgt Ion:173 Resp: 1395106

Ion Ratio Lower Upper

173 100

175 49.8 40.1 60.1

171 52.6 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 10.982 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.019 min

Lab File: VL041603.D

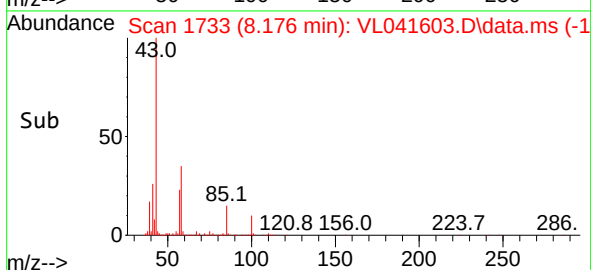
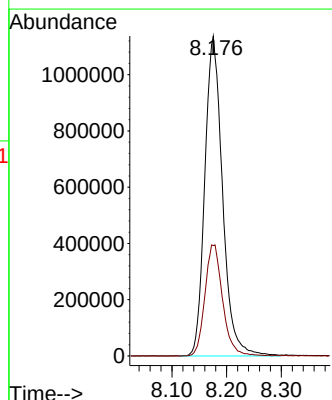
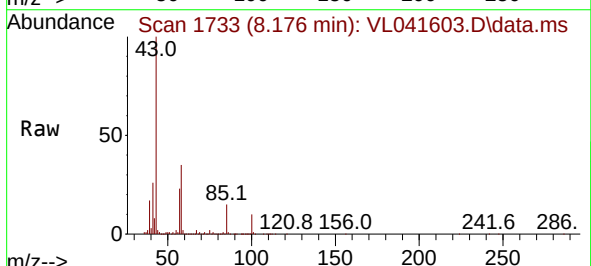
Acq: 18 Sep 2024 10:16

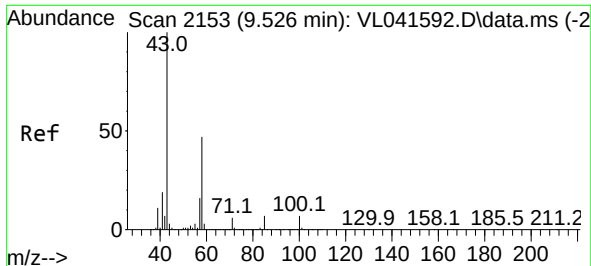
Tgt Ion: 43 Resp: 2558165

Ion Ratio Lower Upper

43 100

58 34.9 27.8 41.8

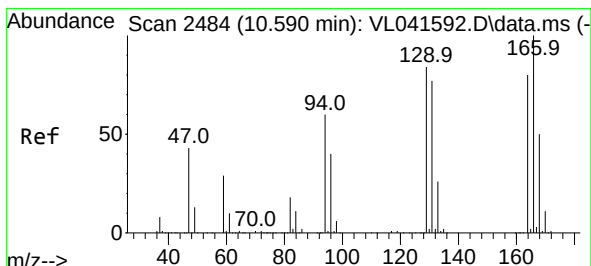
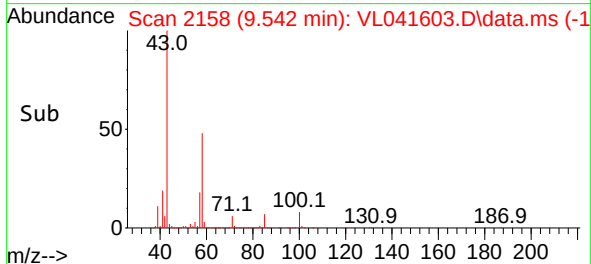
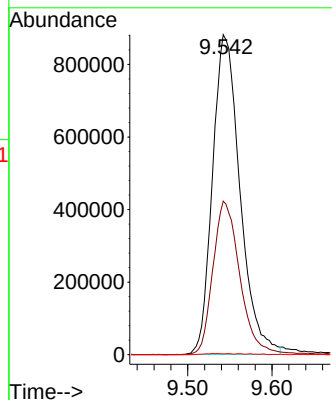
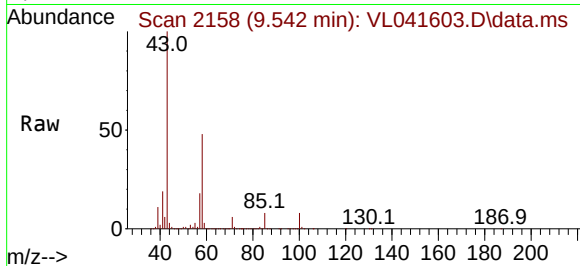




#51
2-Hexanone
Concen: 11.332 ppbv
RT: 9.542 min Scan# 2153
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

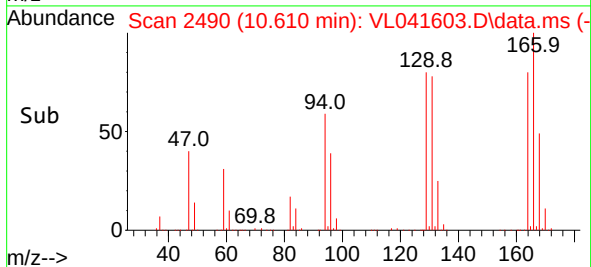
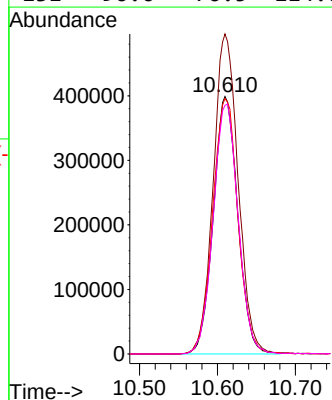
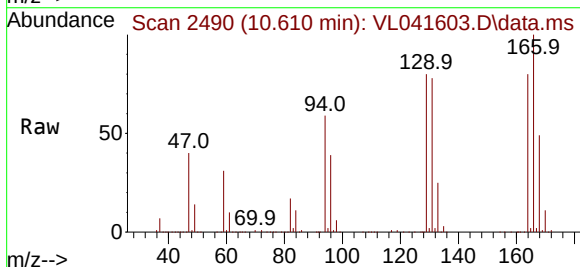
Instrument :
MSVOA_L
ClientSampleId :

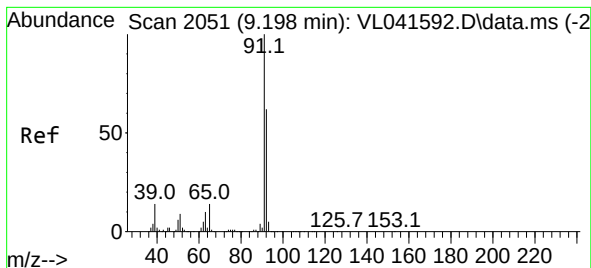
Tgt Ion: 43 Resp: 1996601
Ion Ratio Lower Upper
43 100
58 47.3 37.2 55.8
98 0.3 0.5 0.7#



#52
Tetrachloroethene
Concen: 10.941 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 164 Resp: 870327
Ion Ratio Lower Upper
164 100
166 124.3 99.4 149.2
129 99.2 83.5 125.3
131 96.6 76.5 114.7





#53

Toluene

Concen: 11.408 ppbv

RT: 9.214 min Scan# 2051

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

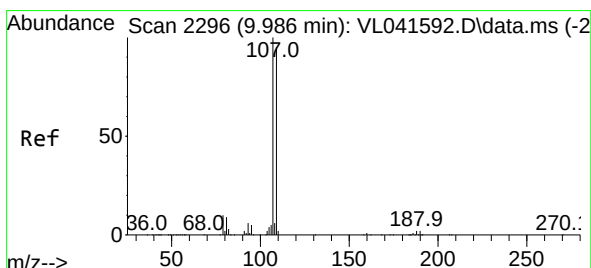
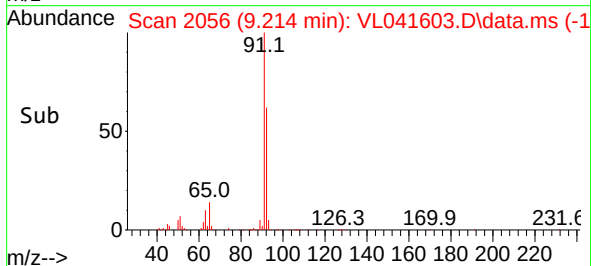
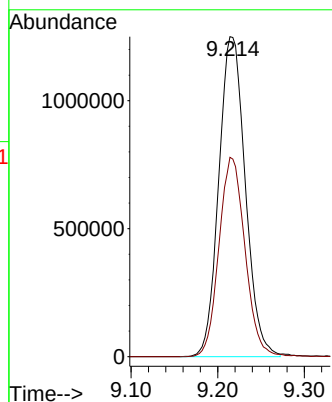
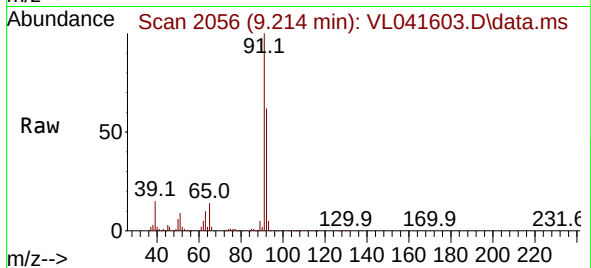
ClientSampleId :

Tgt Ion: 91 Resp: 2660302

Ion Ratio Lower Upper

91 100

92 61.4 48.9 73.3



#54

1,2-Dibromoethane

Concen: 11.130 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. 0.016 min

Lab File: VL041603.D

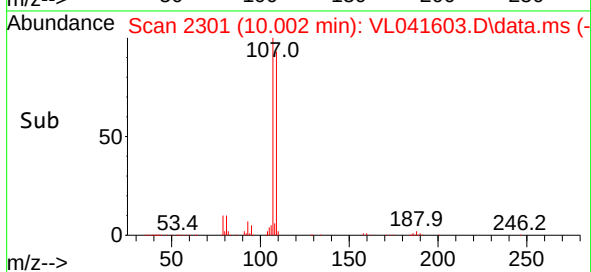
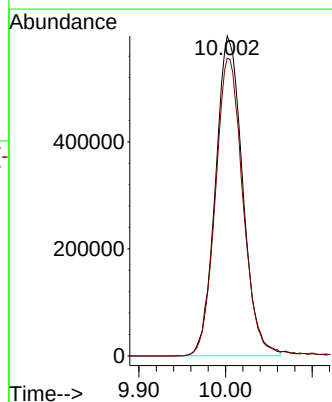
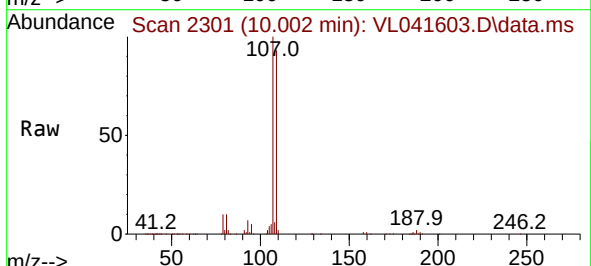
Acq: 18 Sep 2024 10:16

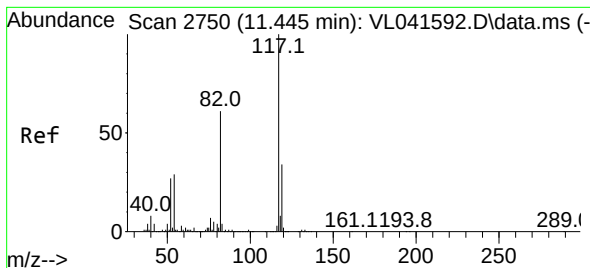
Tgt Ion: 107 Resp: 1300569

Ion Ratio Lower Upper

107 100

109 93.0 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

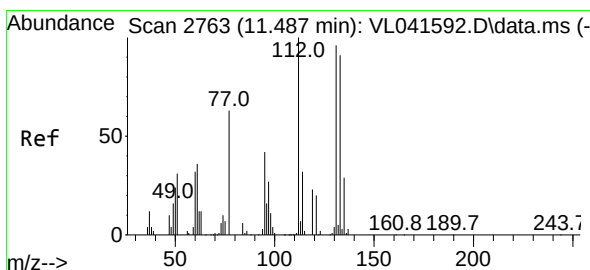
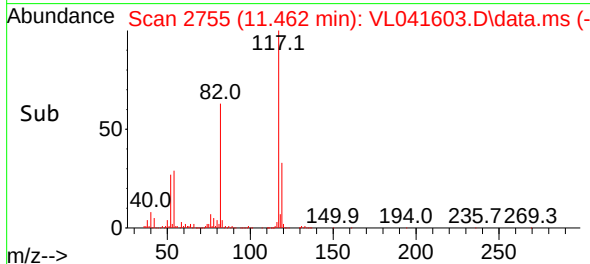
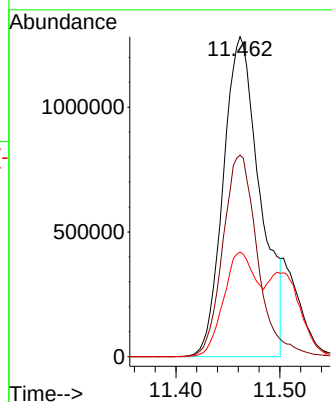
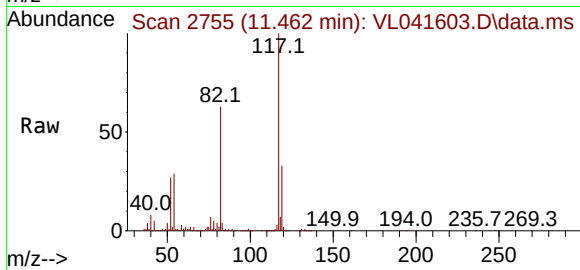
Tgt Ion:117 Resp: 3156402

Ion Ratio Lower Upper

117 100

82 60.1 49.4 74.2

119 31.9 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 9.527 ppbv

RT: 11.500 min Scan# 2767

Delta R.T. 0.013 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

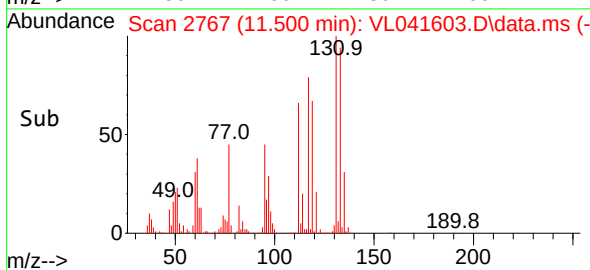
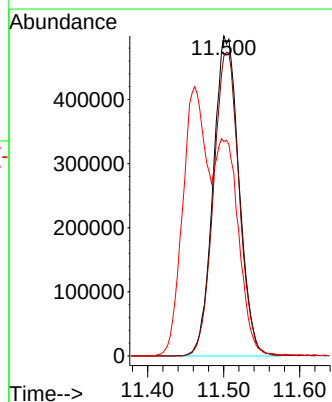
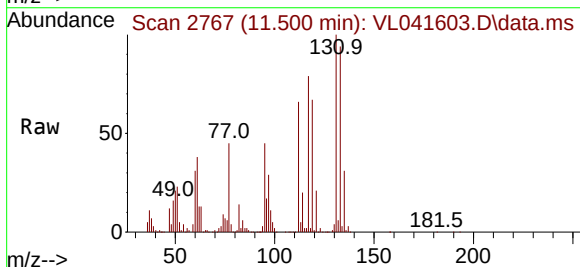
Tgt Ion:131 Resp: 1174089

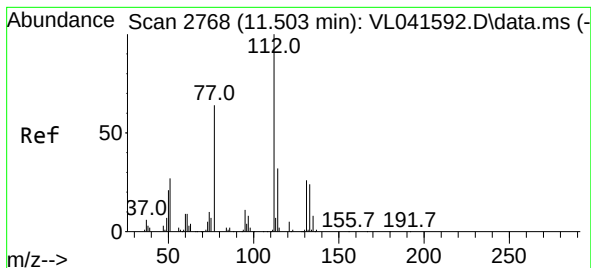
Ion Ratio Lower Upper

131 100

133 94.7 76.6 115.0

119 63.0 48.5 72.7





#57

Chlorobenzene

Concen: 9.156 ppbv

RT: 11.523 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

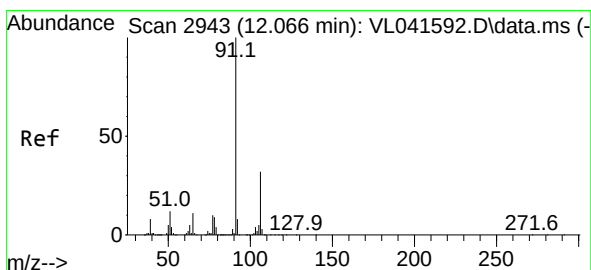
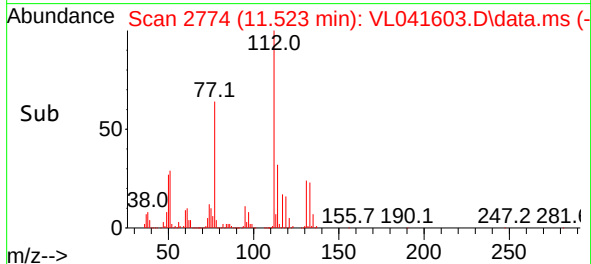
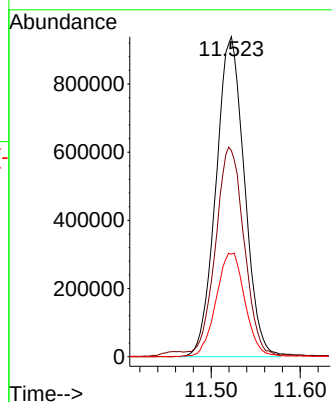
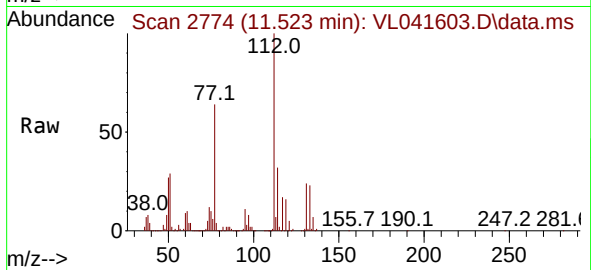
Tgt Ion:112 Resp: 2083591

Ion Ratio Lower Upper

112 100

77 63.9 52.0 78.0

114 31.9 28.6 35.0



#58

Ethyl Benzene

Concen: 10.686 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. 0.016 min

Lab File: VL041603.D

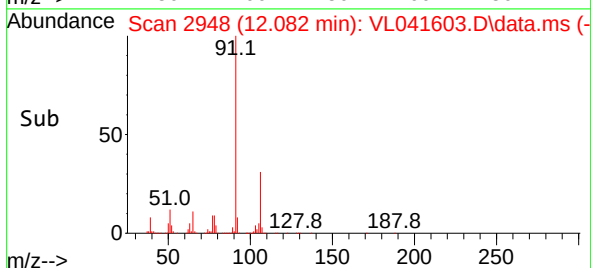
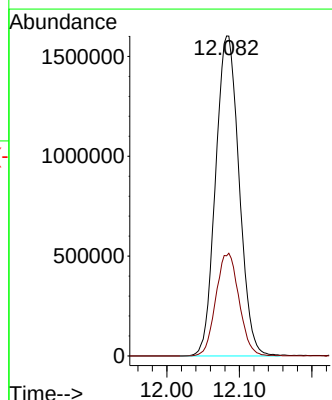
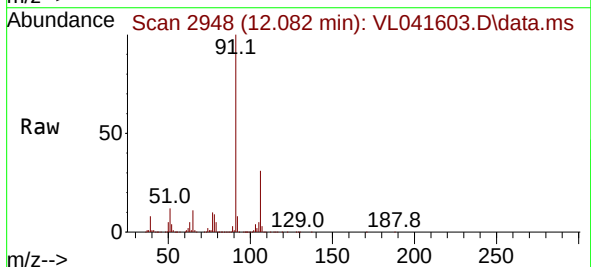
Acq: 18 Sep 2024 10:16

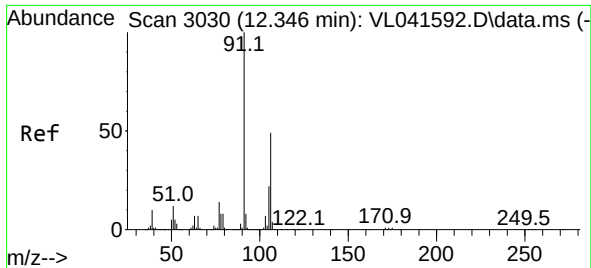
Tgt Ion: 91 Resp: 3610725

Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.6





#59

m/p-Xylene

Concen: 10.919 ppbv

RT: 12.365 min Scan# 3030

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

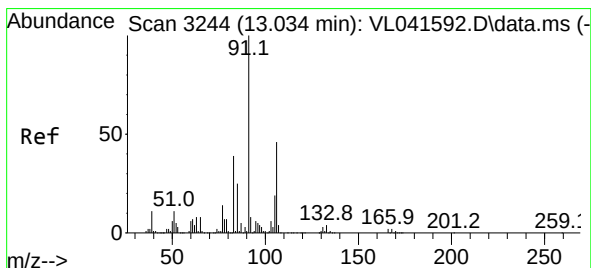
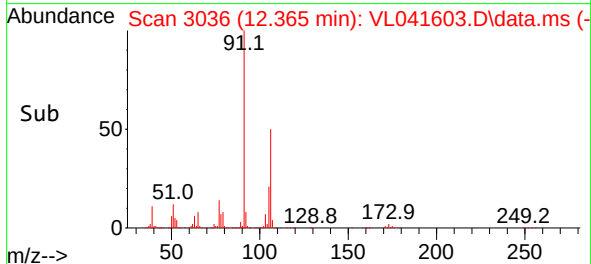
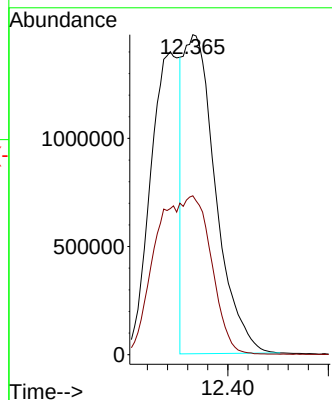
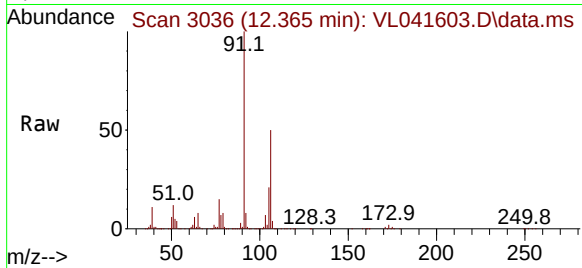
ClientSampleId :

Tgt Ion: 91 Resp: 3283702

Ion Ratio Lower Upper

91 100

106 86.5 36.8 55.2#



#60

o-Xylene

Concen: 10.241 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.019 min

Lab File: VL041603.D

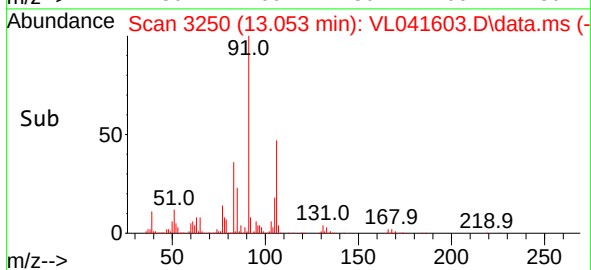
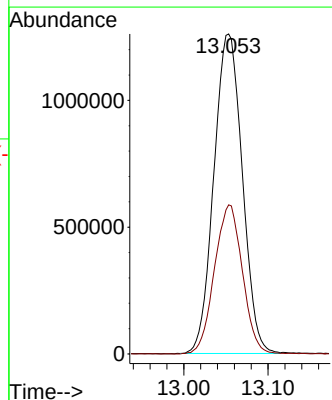
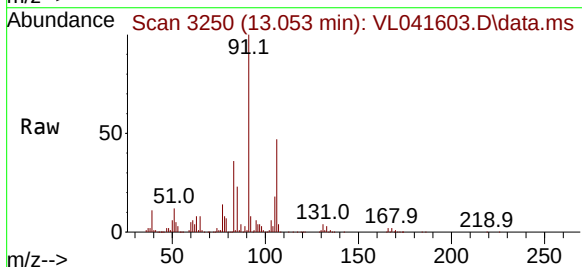
Acq: 18 Sep 2024 10:16

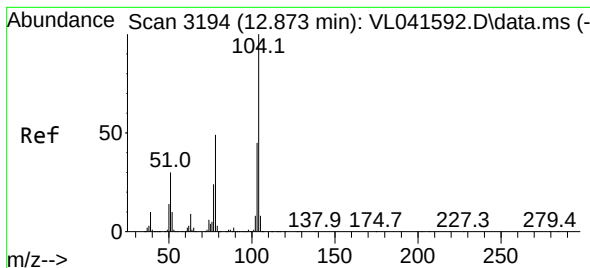
Tgt Ion: 91 Resp: 2952785

Ion Ratio Lower Upper

91 100

106 46.1 23.1 69.3





#61

Styrene

Concen: 11.906 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

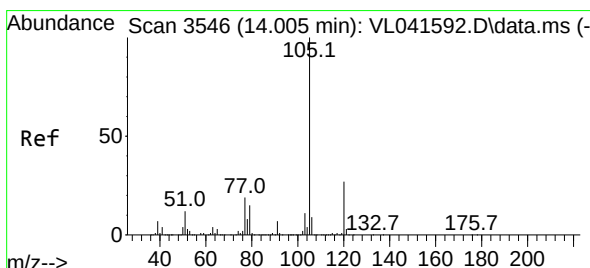
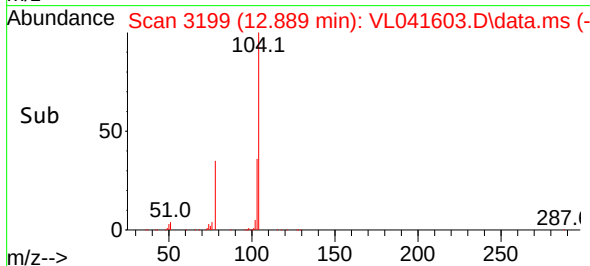
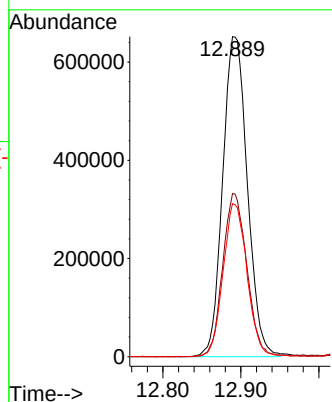
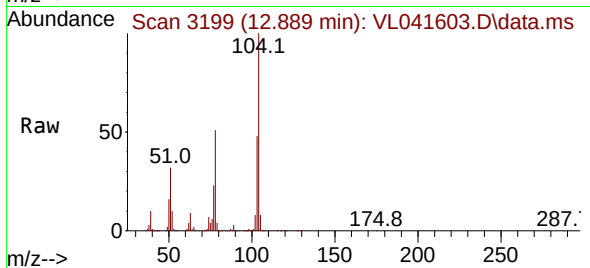
Tgt Ion:104 Resp: 1434081

Ion Ratio Lower Upper

104 100

78 50.1 39.8 59.6

103 46.8 37.4 56.0



#62

Isopropylbenzene

Concen: 9.852 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.019 min

Lab File: VL041603.D

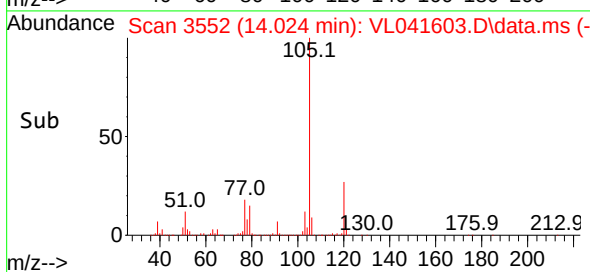
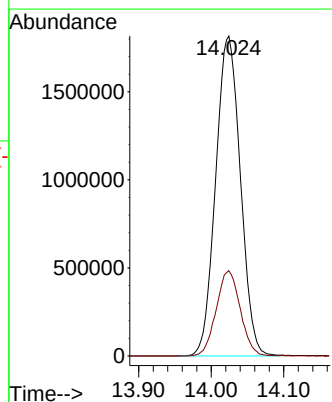
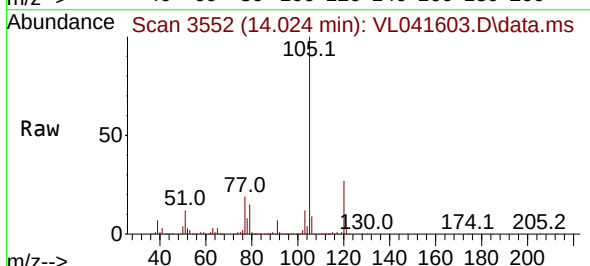
Acq: 18 Sep 2024 10:16

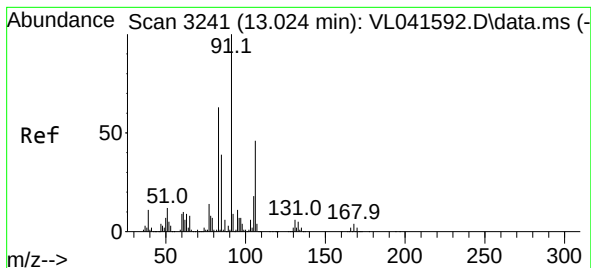
Tgt Ion:105 Resp: 4303632

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

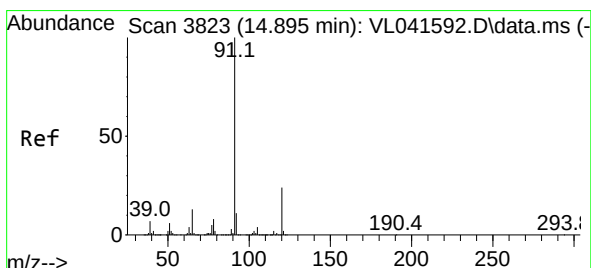
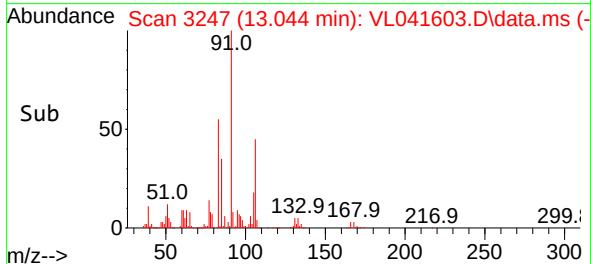
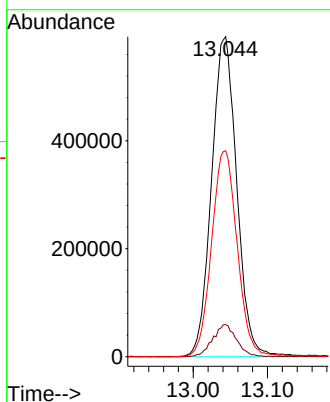
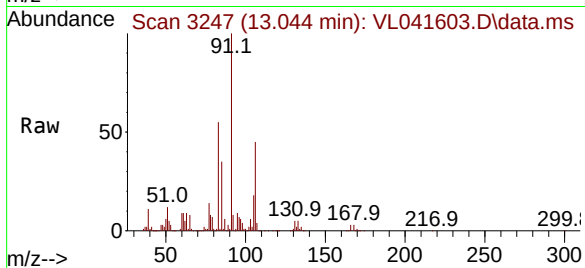




#63
1,1,2,2-Tetrachloroethane
Concen: 9.469 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

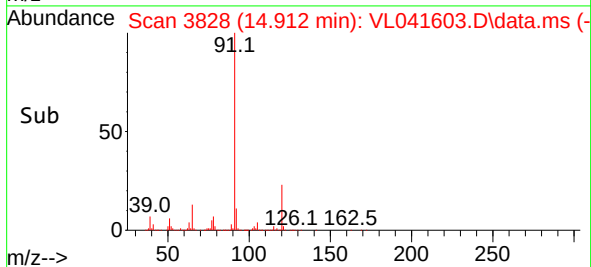
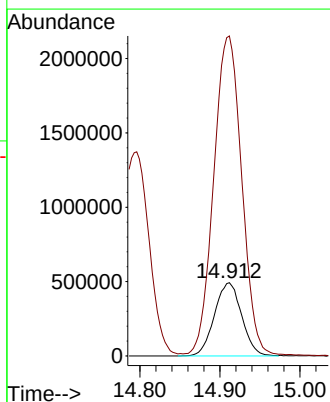
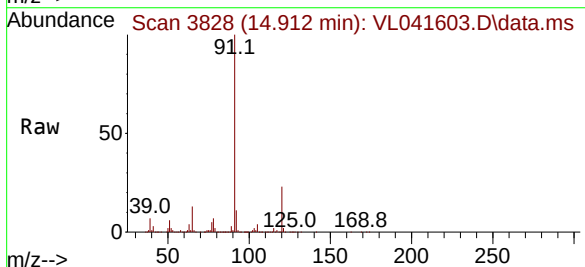
Instrument :
MSVOA_L
ClientSampleId :

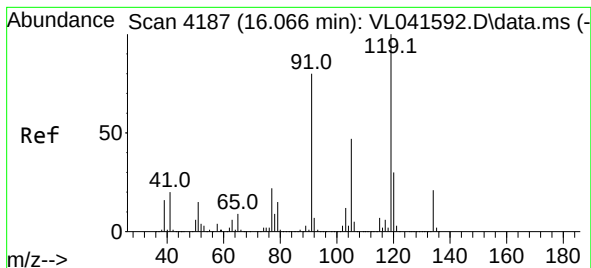
Tgt Ion: 83 Resp: 1395823
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 66.1 32.5 97.4



#64
n-propylbenzene
Concen: 10.315 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion:120 Resp: 1163609
Ion Ratio Lower Upper
120 100
91 452.7 366.4 549.6





#65

tert-Butylbenzene

Concen: 9.602 ppbv

RT: 16.085 min Scan# 4187

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

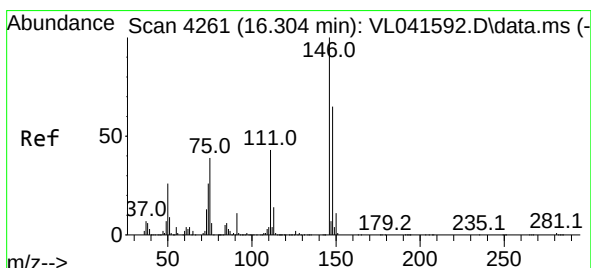
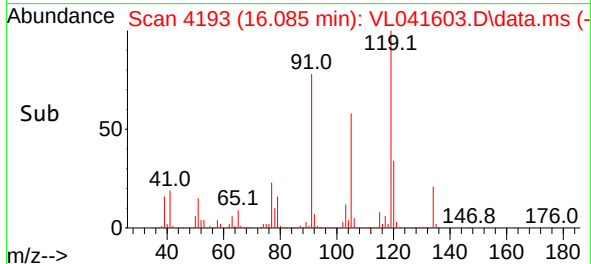
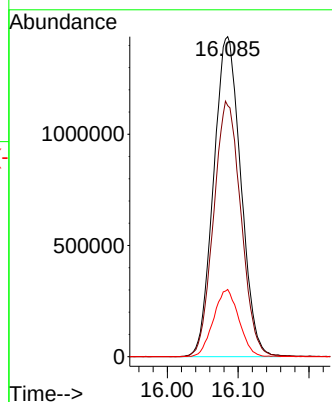
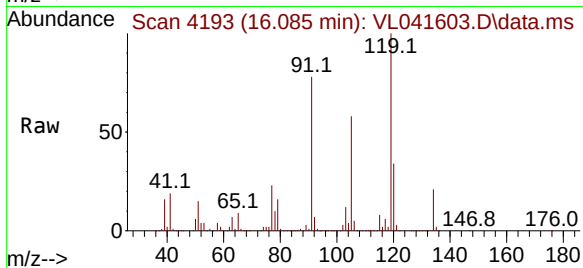
Tgt Ion:119 Resp: 3844766

Ion Ratio Lower Upper

119 100

91 80.2 64.6 96.8

134 19.7 15.8 23.8



#66

Benzyl Chloride

Concen: 10.193 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

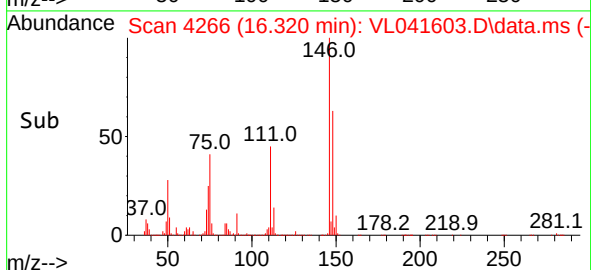
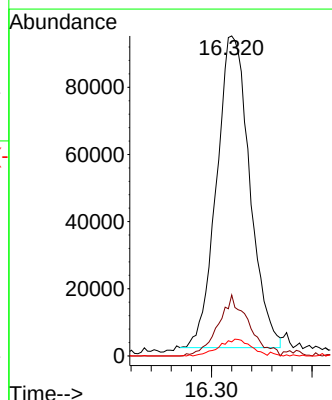
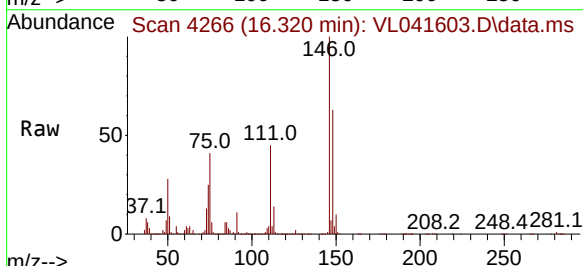
Tgt Ion: 91 Resp: 212184

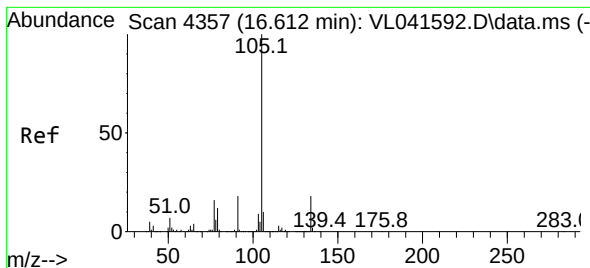
Ion Ratio Lower Upper

91 100

126 19.0 15.4 23.2

128 5.5 4.8 7.2

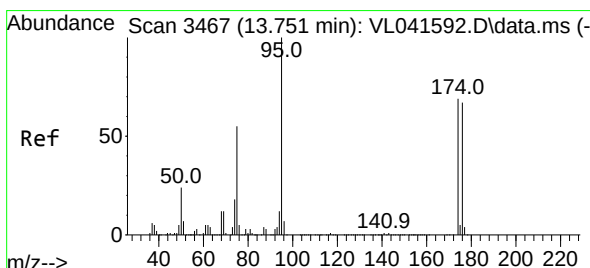
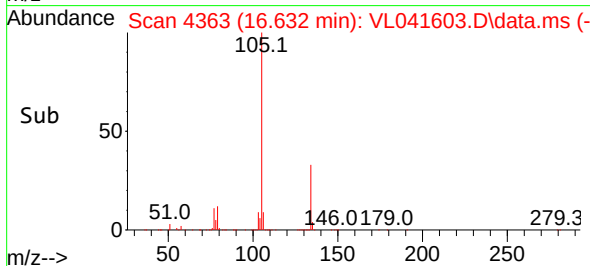
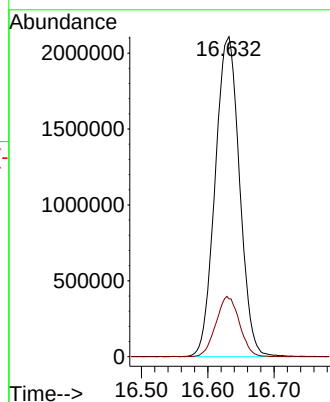
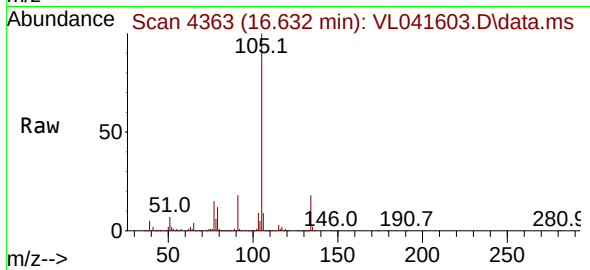




#67
 sec-Butylbenzene
 Concen: 9.689 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

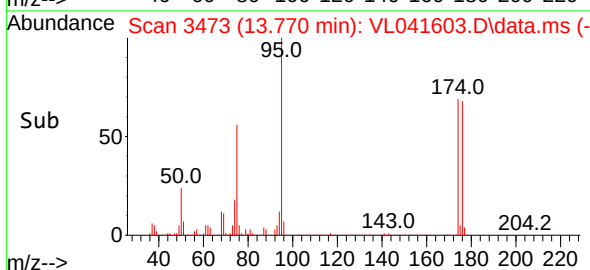
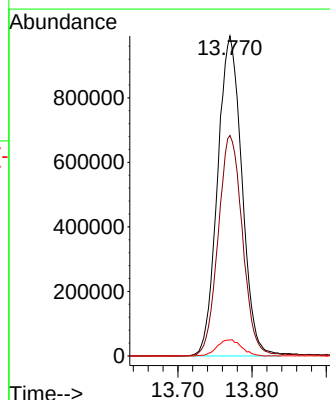
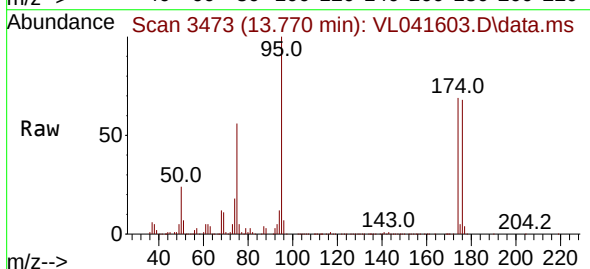
Instrument :
 MSVOA_L
 ClientSampleId :

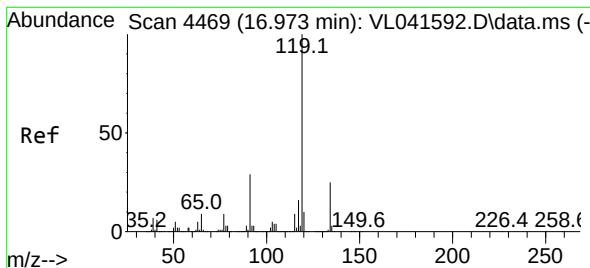
Tgt Ion:105 Resp: 5382674
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.723 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Tgt Ion: 95 Resp: 2259237
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.8 83.8
 175 5.1 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.021 ppbv

RT: 16.989 min Scan# 4469

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_1

ClientSampleId :

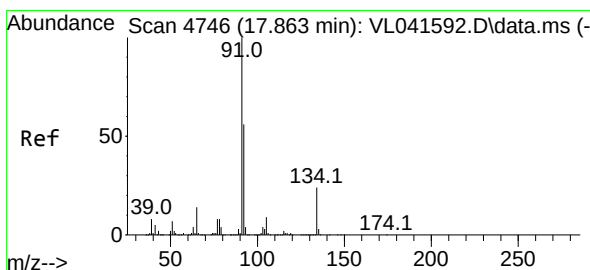
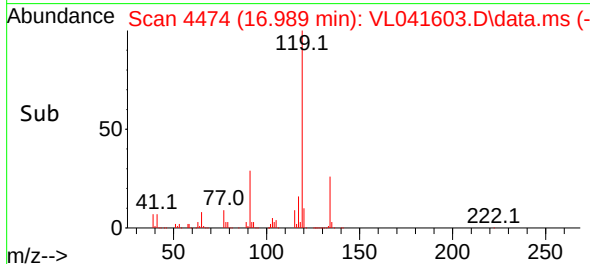
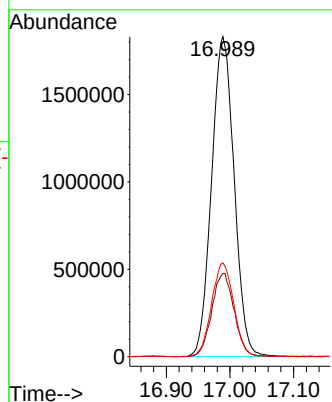
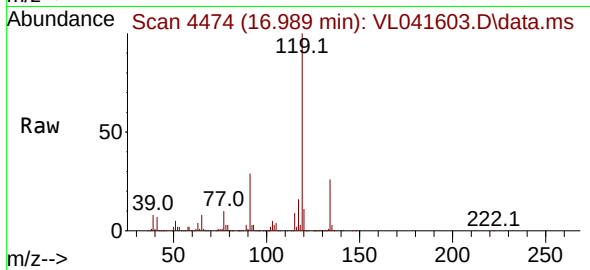
Tgt Ion:119 Resp: 4506080

Ion Ratio Lower Upper

119 100

134 25.9 20.5 30.7

91 28.9 23.1 34.7



#70

n-Butylbenzene

Concen: 9.853 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

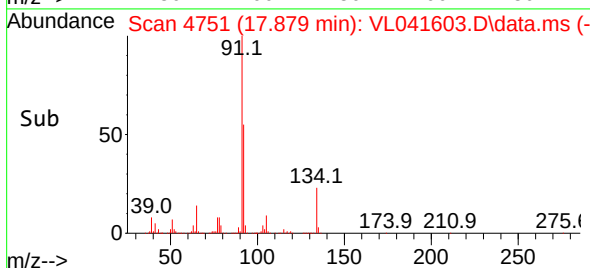
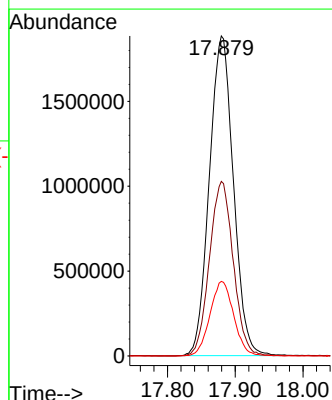
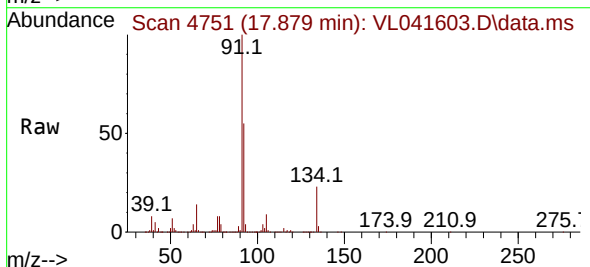
Tgt Ion: 91 Resp: 4641102

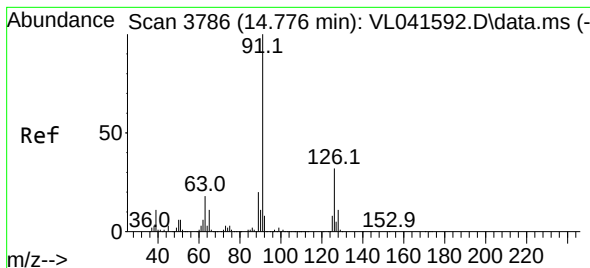
Ion Ratio Lower Upper

91 100

92 54.4 43.2 64.8

134 23.1 18.6 27.8





#71

2-Chlorotoluene

Concen: 10.080 ppbv

RT: 14.796 min Scan# 31

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

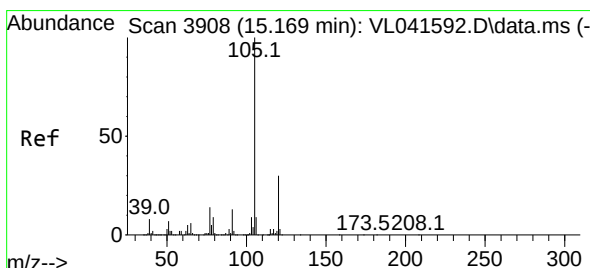
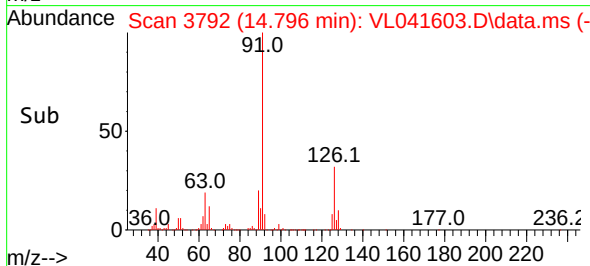
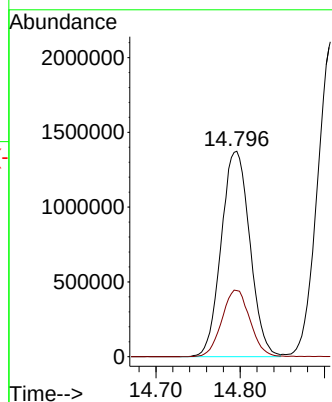
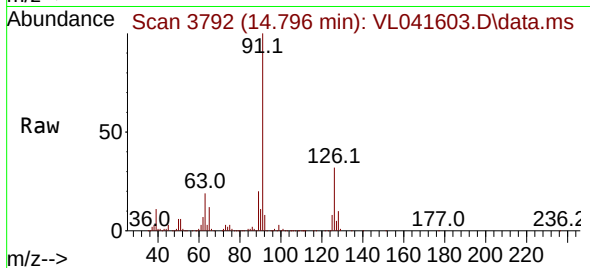
ClientSampleId :

Tgt Ion: 91 Resp: 3239678

Ion Ratio Lower Upper

91 100

126 31.9 12.9 51.5



#72

4-Ethyltoluene

Concen: 10.600 ppbv

RT: 15.188 min Scan# 3914

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion:105 Resp: 3572445

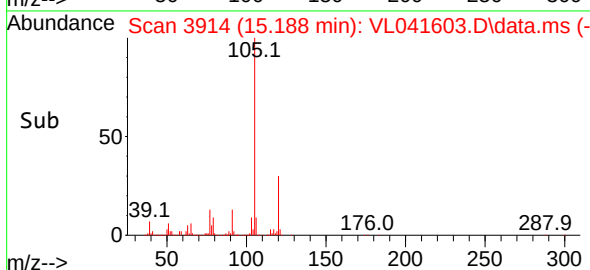
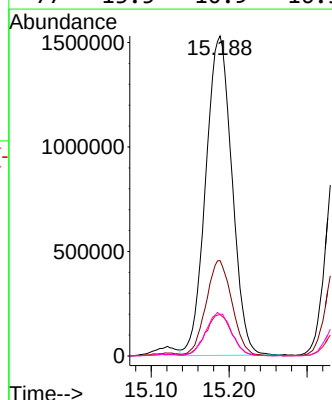
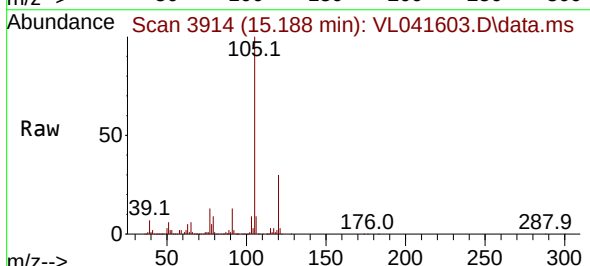
Ion Ratio Lower Upper

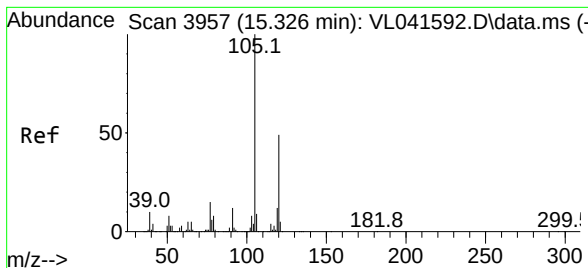
105 100

120 30.7 24.1 36.1

91 12.9 10.2 15.2

77 13.5 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 10.176 ppbv

RT: 15.346 min Scan# 3957

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

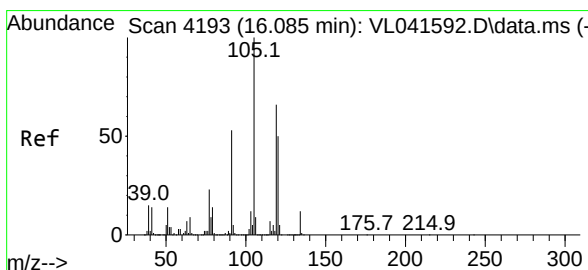
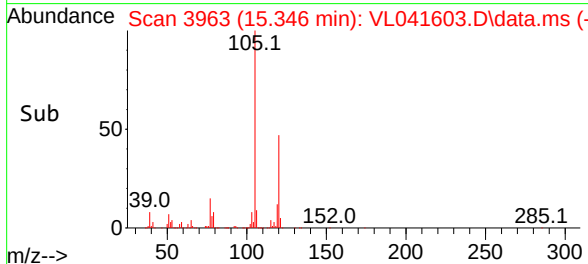
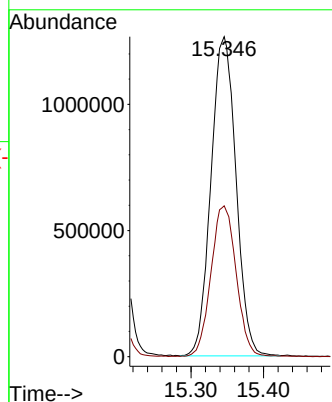
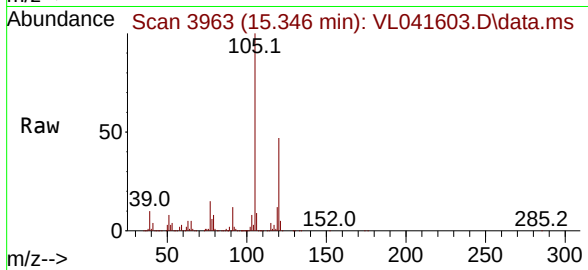
ClientSampleId :

Tgt Ion:105 Resp: 3028398

Ion Ratio Lower Upper

105 100

120 47.2 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 9.634 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion:105 Resp: 3355900

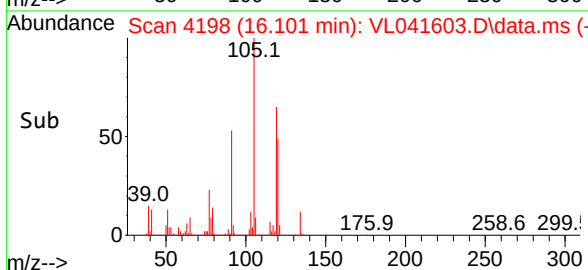
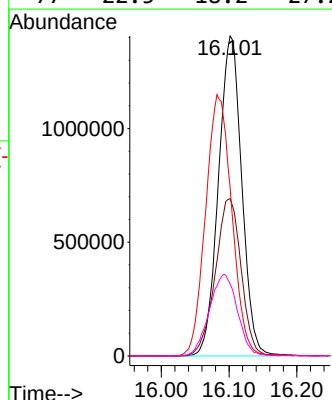
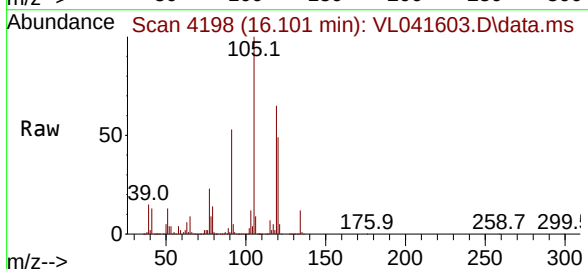
Ion Ratio Lower Upper

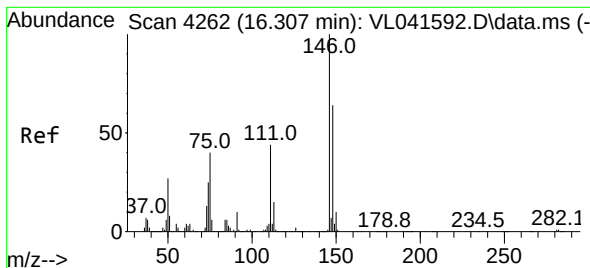
105 100

120 49.1 39.9 59.9

91 52.4 42.6 63.8

77 22.5 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.560 ppbv

RT: 16.323 min Scan# 4312

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

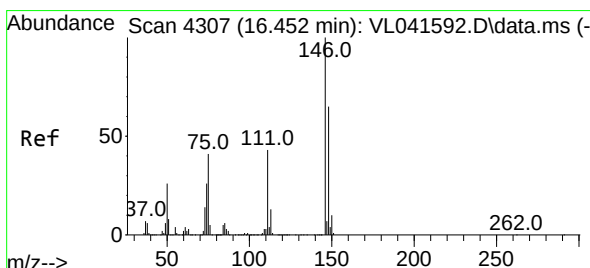
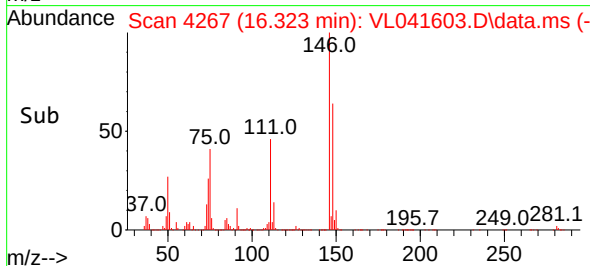
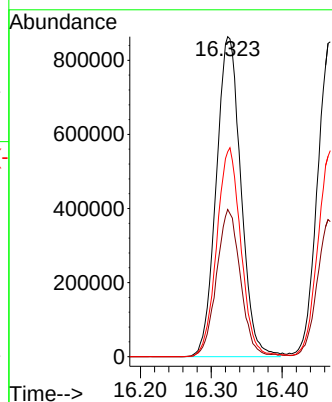
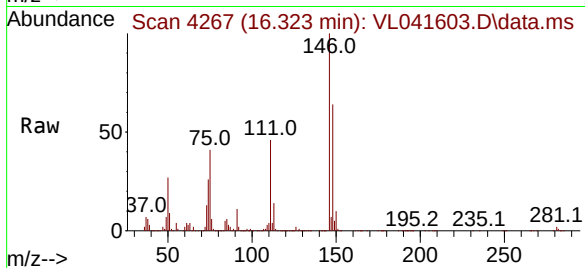
Tgt Ion:146 Resp: 2087035

Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.0

148 64.1 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 9.592 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

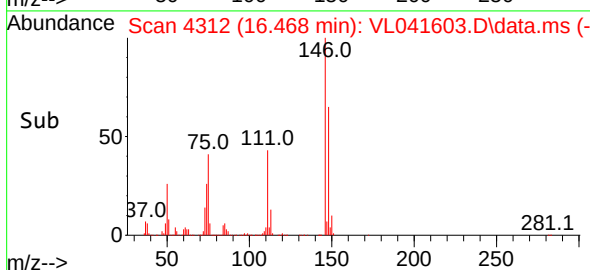
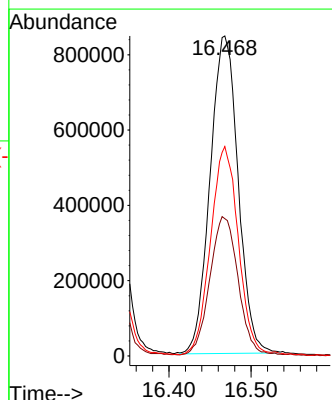
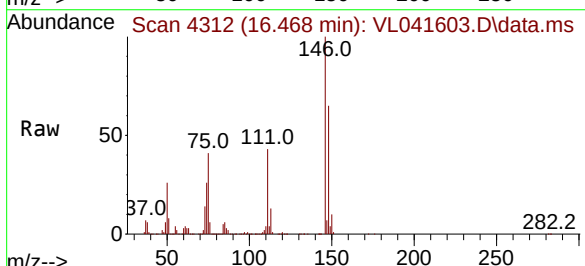
Tgt Ion:146 Resp: 2006487

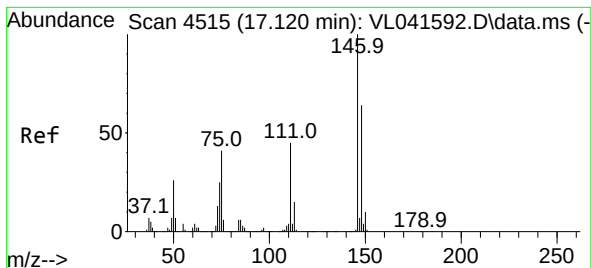
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.3

148 66.1 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 9.312 ppbv

RT: 17.137 min Scan# 4515

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

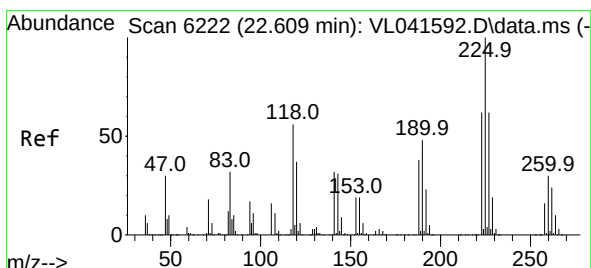
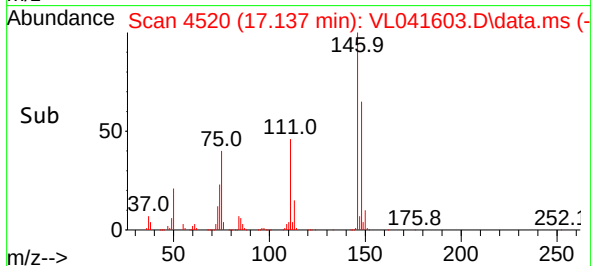
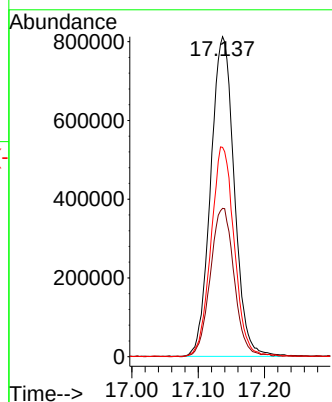
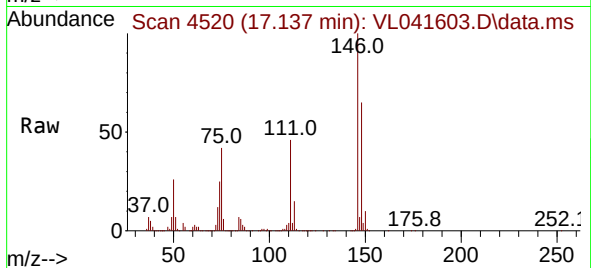
Tgt Ion:146 Resp: 2006971

Ion Ratio Lower Upper

146 100

111 47.1 23.4 70.0

148 64.8 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 8.425 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

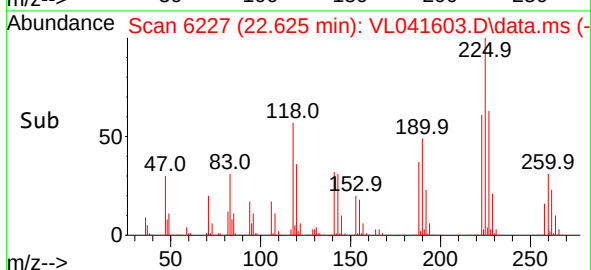
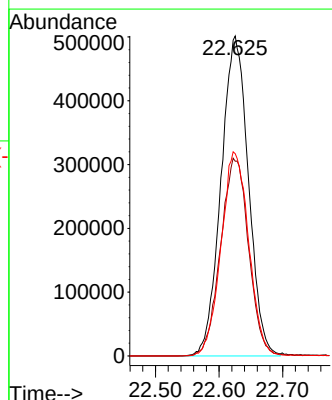
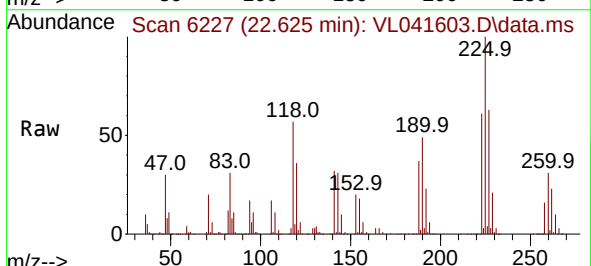
Tgt Ion:225 Resp: 1497828

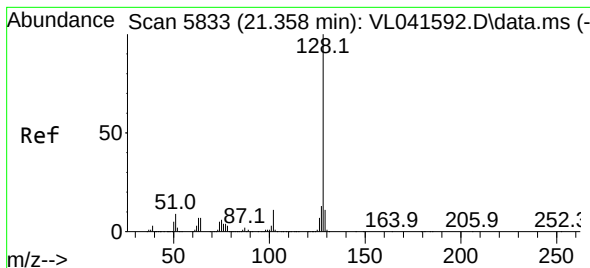
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 64.6 50.9 76.3





#79

Naphthalene

Concen: 12.291 ppbv

RT: 21.374 min Scan# 5838

Delta R.T. 0.016 min

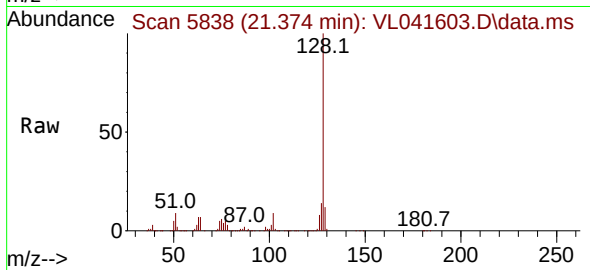
Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :



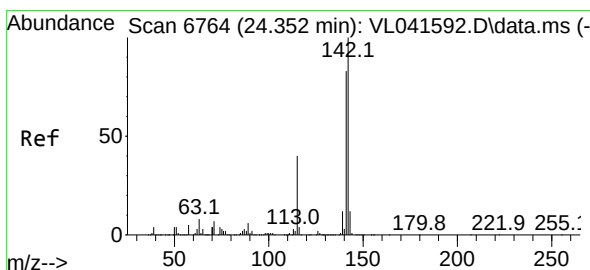
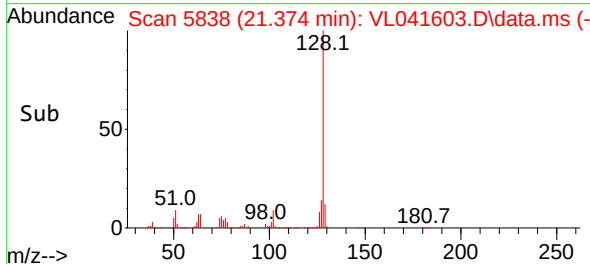
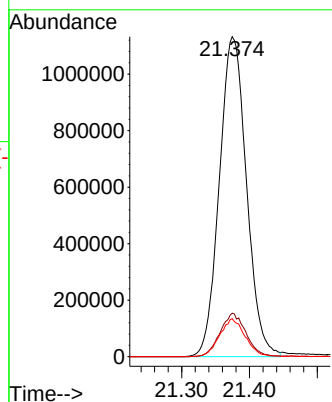
Tgt Ion:128 Resp: 3150966

Ion Ratio Lower Upper

128 100

127 13.6 10.1 15.1

129 11.9 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 12.308 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

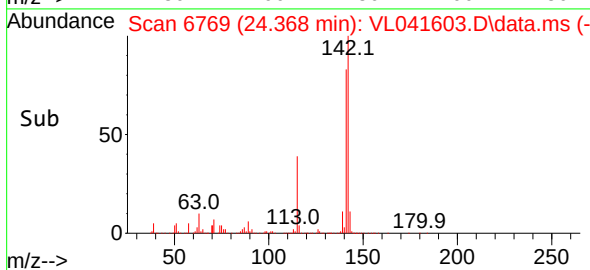
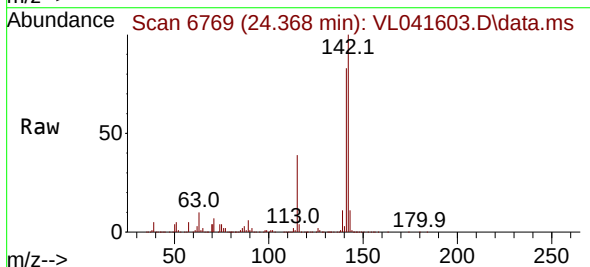
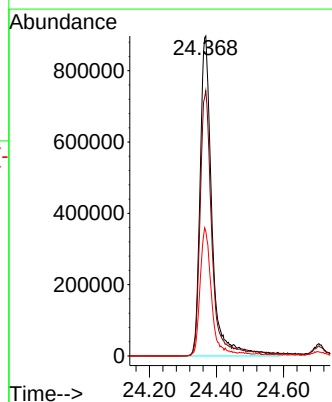
Tgt Ion:142 Resp: 2210947

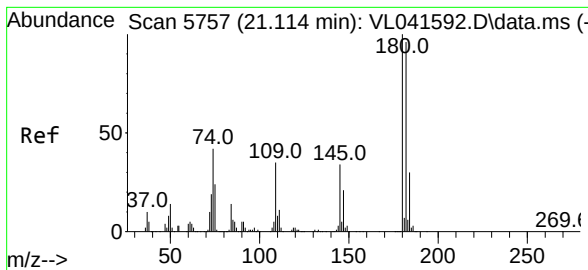
Ion Ratio Lower Upper

142 100

141 84.3 66.3 99.5

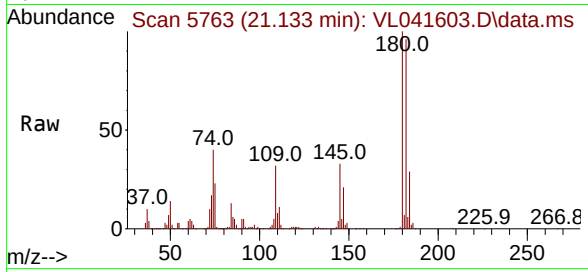
115 40.0 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.215 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1664970

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.5	114.7
184	30.6	24.7	37.1

