

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040402.D
 Acq On : 11 May 2023 16:03
 Operator : SY/MD
 Sample : VL0511ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

Quant Time: May 12 05:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1114019	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2894753	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3408239	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2101963	7.458	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	74.600%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.710	85	1543144	7.683	ppbv	99
3) Chlorodifluoromethane	2.655	51	1309269	8.994	ppbv	100
4) Chloromethane	2.793	50	837199	9.104	ppbv	97
5) Vinyl Chloride	2.902	62	730681	9.626	ppbv	98
6) Bromomethane	3.102	94	234684	9.384	ppbv	100
7) Chloroethane	3.179	64	268902	9.355	ppbv	93
8) Dichlorotetrafluoroethane	2.838	85	1781232	9.074	ppbv	97
9) Propene	2.674	41	549329	9.552	ppbv	100
10) Heptane	7.574	43	1395584	10.678	ppbv	100
11) Trichlorofluoromethane	3.546	101	1777159	8.740	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.050	101	1282831	9.020	ppbv	99
13) Ethanol	3.224	45	36432	7.588	ppbv	99
14) Bromoethene	3.349	108	557705	9.590	ppbv	97
15) Acetone	3.449	43	1310058	8.303	ppbv	98
16) 1,3-Butadiene	2.967	39	644669	9.873	ppbv	99
17) tert-Butyl alcohol	3.861	59	1420780	9.806	ppbv	100
18) 1,1-Dichloroethene	3.864	96	595313	9.281	ppbv	97
19) Isopropyl Alcohol	3.558	45	673158	9.350	ppbv	99
20) Methylene Chloride	3.919	84	502142	7.971	ppbv	99
21) Allyl Chloride	3.983	41	883026	9.849	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	602065	9.389	ppbv	96
23) Vinyl Acetate	4.613	43	387998	9.658	ppbv	97
24) 1,1-Dichloroethane	4.552	63	1236003	9.245	ppbv	99
25) Ethyl Acetate	5.192	43	2578669	9.712	ppbv	100
26) Hexane	5.201	57	1112966	9.943	ppbv	97
27) Carbon Disulfide	4.108	76	1483443	10.241	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1140812	9.873	ppbv	99
29) Chloroform	5.263	83	1874497	9.401	ppbv	99
30) Cyclohexane	6.594	84	945169	10.903	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1163464	10.487	ppbv	100
32) 1,1,1-Trichloroethane	5.992	97	1903580	9.826	ppbv	99
34) 2-Butanone	4.774	43	1529063	9.796	ppbv	98
35) Carbon Tetrachloride	6.484	117	1924083	9.442	ppbv	99
36) Benzene	6.362	78	2382538	10.088	ppbv	98
37) 1,2-Dichloroethane	5.796	62	1458086	9.399	ppbv	98
38) Trichloroethene	7.285	130	1447854	10.771	ppbv	98
39) 1,2-Dichloropropane	7.066	63	909447	9.786	ppbv	95
40) 1,4-Dioxane	7.282	88	329355	9.254	ppbv	# 99
41) Tetrahydrofuran	5.545	42	893812	10.456	ppbv	99
42) Bromodichloromethane	7.243	83	2063518	9.740	ppbv	99
43) Methyl Methacrylate	7.465	69	947991	10.807	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3846389	9.750	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	930141	11.871	ppbv	98

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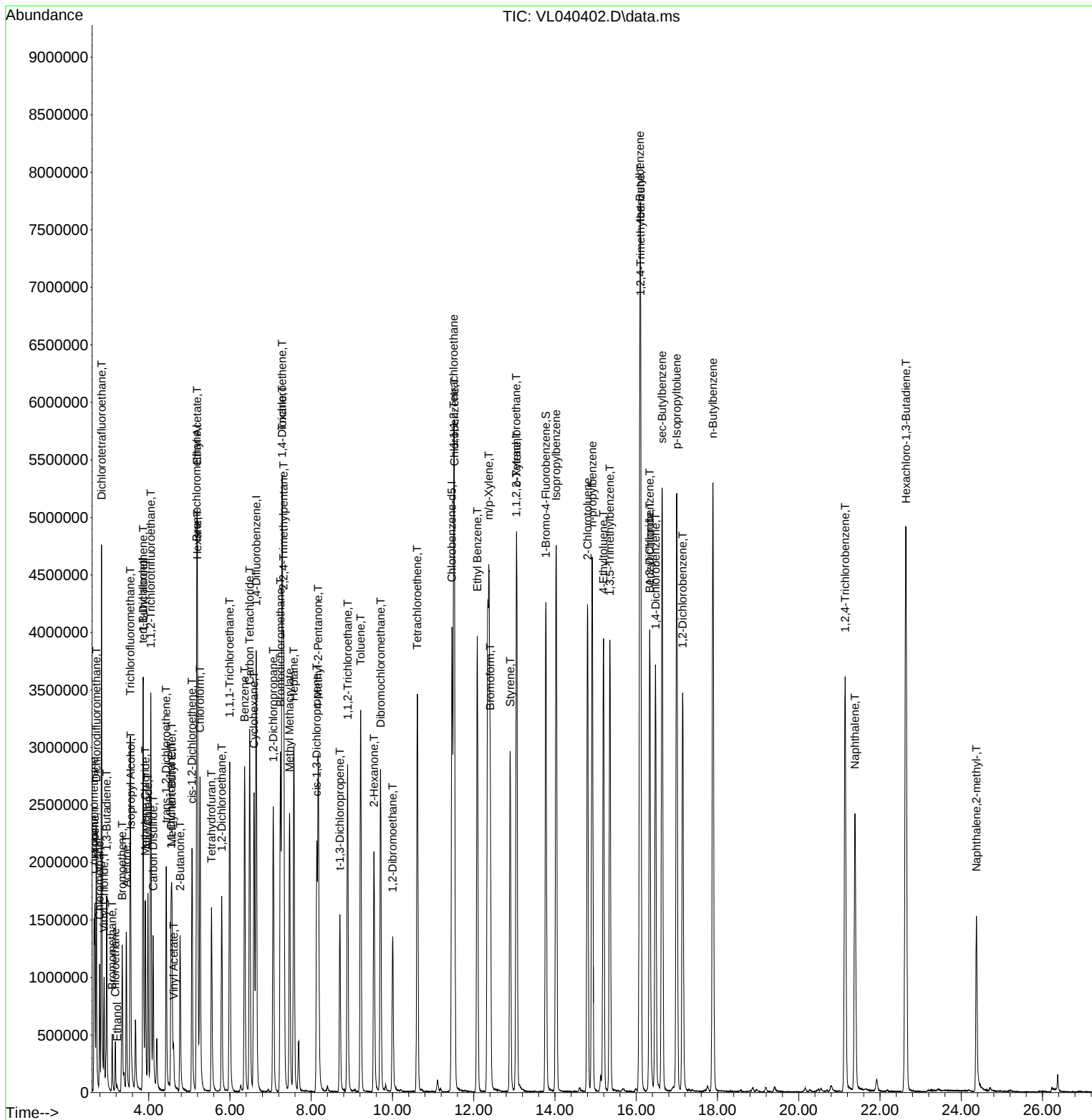
Instrument :
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 ClientSampleId :
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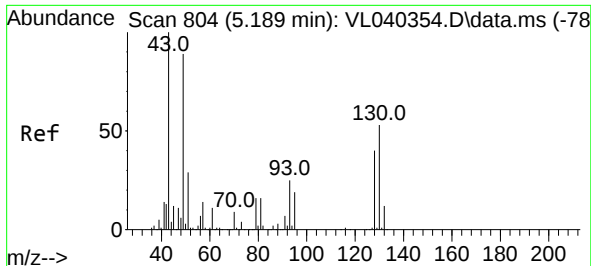
Quant Time: May 12 05:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1255641	11.513	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	1006926	9.882	ppbv	96
48) Dibromochloromethane	9.709	129	1709717	10.419	ppbv	100
49) Bromoform	12.407	173	1384627	10.819	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2361473	9.978	ppbv	99
51) 2-Hexanone	9.545	43	1847551	10.564	ppbv #	99
52) Tetrachloroethene	10.613	164	823064	11.141	ppbv	99
53) Toluene	9.217	91	2735419	10.925	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1104242	10.690	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1217751	7.828	ppbv	96
57) Chlorobenzene	11.526	112	2103461	7.882	ppbv	98
58) Ethyl Benzene	12.089	91	3704781	8.837	ppbv	97
59) m/p-Xylene	12.372	91	3323345	8.620	ppbv #	36
60) o-Xylene	13.056	91	3048155	8.238	ppbv	99
61) Styrene	12.899	104	1805585	9.741	ppbv	98
62) Isopropylbenzene	14.031	105	4317284	8.102	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	945419	6.982	ppbv	99
64) n-propylbenzene	14.921	120	1101681	8.402	ppbv	95
65) tert-Butylbenzene	16.092	119	3773326	8.048	ppbv	98
66) Benzyl Chloride	16.330	91	265998	9.163	ppbv	99
67) sec-Butylbenzene	16.638	105	5330251	7.915	ppbv	99
69) p-Isopropyltoluene	16.995	119	4296273	8.170	ppbv	98
70) n-Butylbenzene	17.889	91	4654551	7.985	ppbv	99
71) 2-Chlorotoluene	14.802	91	3347414	8.182	ppbv	98
72) 4-Ethyltoluene	15.195	105	3534544	8.653	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	3126200	8.285	ppbv	98
74) 1,2,4-Trimethylbenzene	16.111	105	3405455	7.896	ppbv	92
75) 1,3-Dichlorobenzene	16.333	146	1912310	8.095	ppbv	99
76) 1,4-Dichlorobenzene	16.477	146	1878645	8.049	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1818231	7.784	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1405145	7.503	ppbv	100
79) Naphthalene	21.384	128	2972627	10.211	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	1027556	11.857	ppbv	97
81) 1,2,4-Trichlorobenzene	21.143	180	1533899	8.574	ppbv	100

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

Quant Time: May 12 05:54:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
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QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

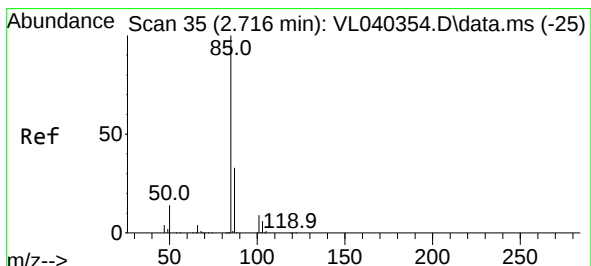
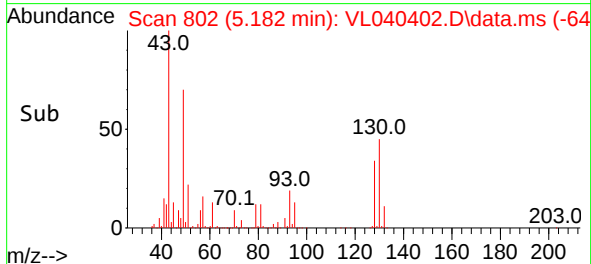
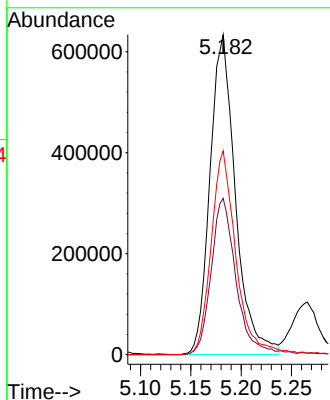
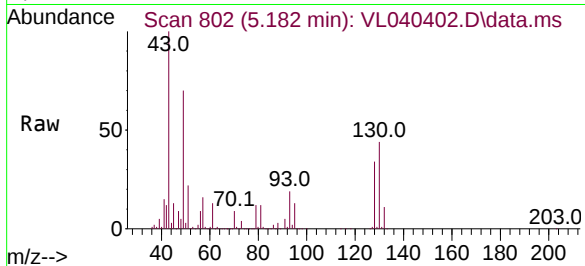




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

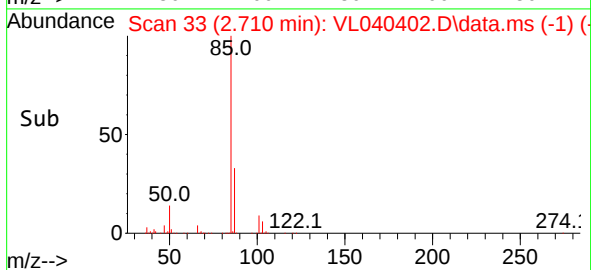
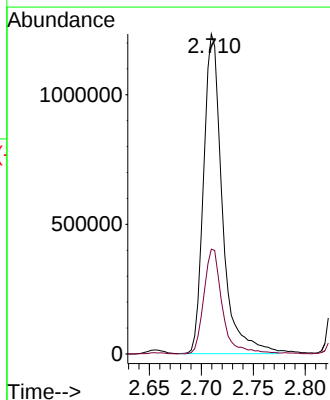
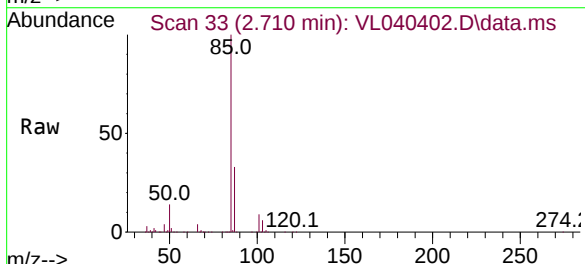
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

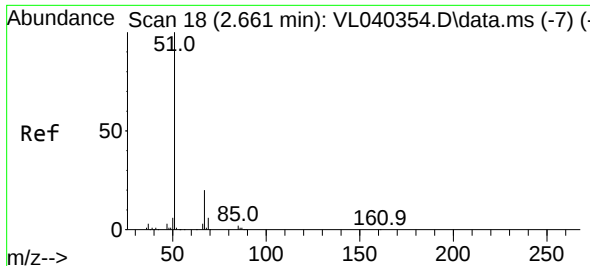
Tgt Ion: 49 Resp: 1114019
 Ion Ratio Lower Upper
 49 100
 128 48.8 23.7 71.1
 130 63.1 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 7.683 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion: 85 Resp: 1543144
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 40.0

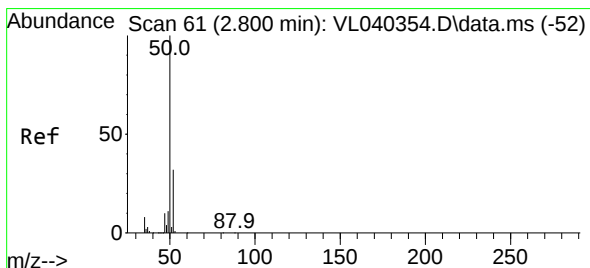
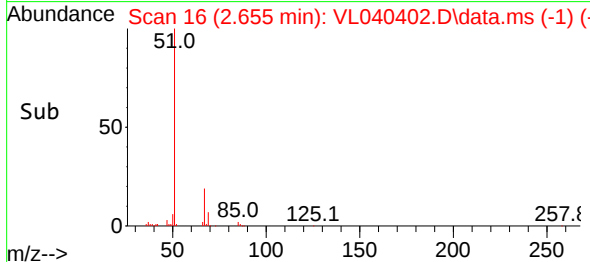
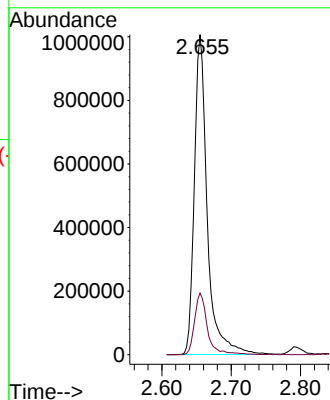
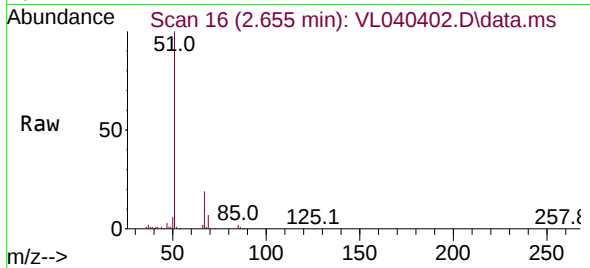




#3
Chlorodifluoromethane
Concen: 8.994 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

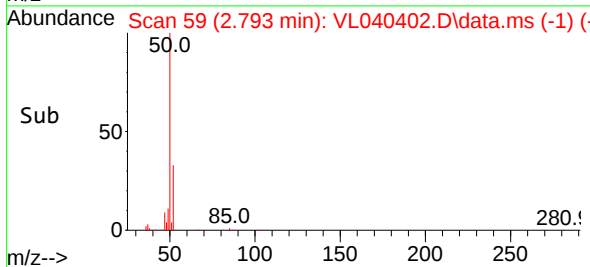
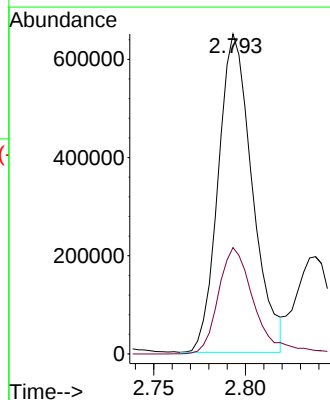
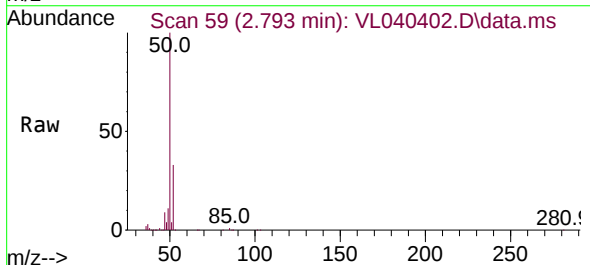
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ClientSampleId :
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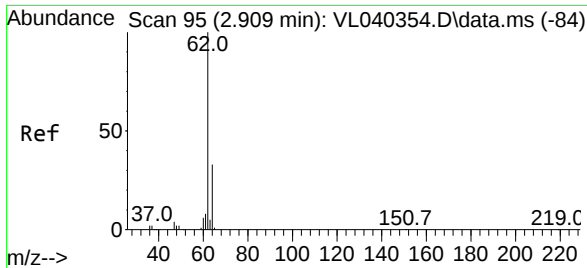
Tgt Ion: 51 Resp: 1309269
Ion Ratio Lower Upper
51 100
67 19.3 15.5 23.3



#4
Chloromethane
Concen: 9.104 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 50 Resp: 837199
Ion Ratio Lower Upper
50 100
52 33.4 25.3 37.9

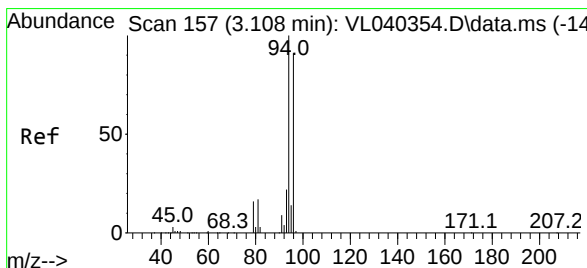
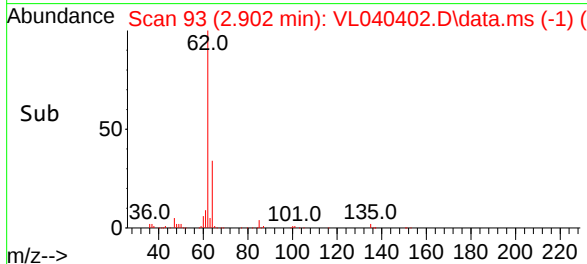
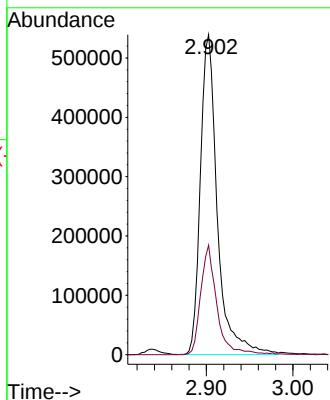
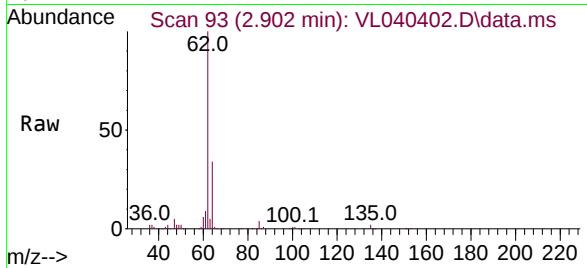




#5
 Vinyl Chloride
 Concen: 9.626 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

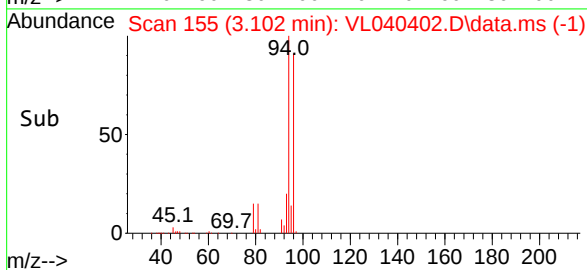
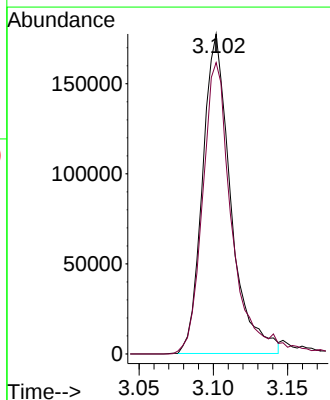
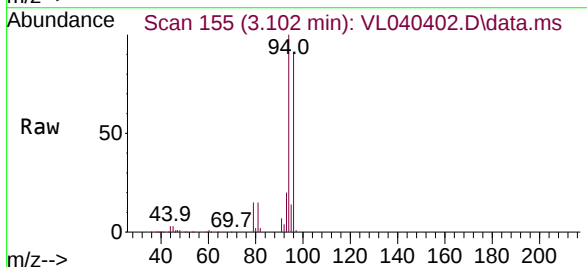
Instrument :
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 ClientSampleId :
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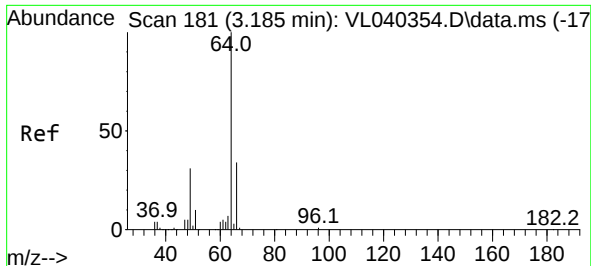
Tgt Ion: 62 Resp: 730681
 Ion Ratio Lower Upper
 62 100
 64 34.2 26.3 39.5



#6
 Bromomethane
 Concen: 9.384 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion: 94 Resp: 234684
 Ion Ratio Lower Upper
 94 100
 96 90.3 72.6 108.8

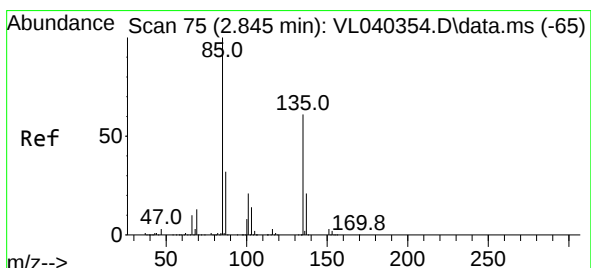
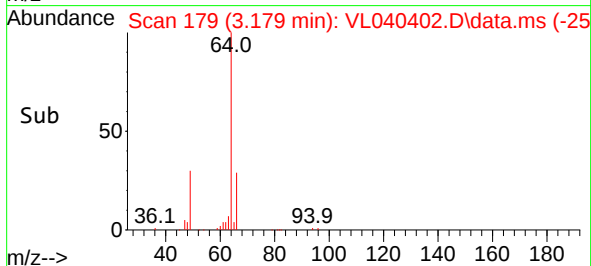
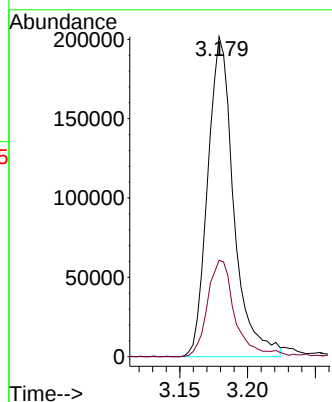
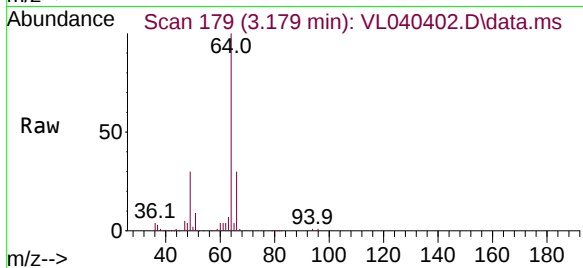




#7
Chloroethane
Concen: 9.355 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

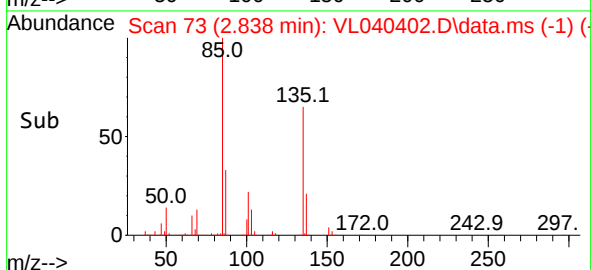
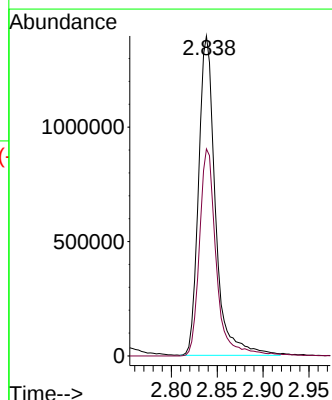
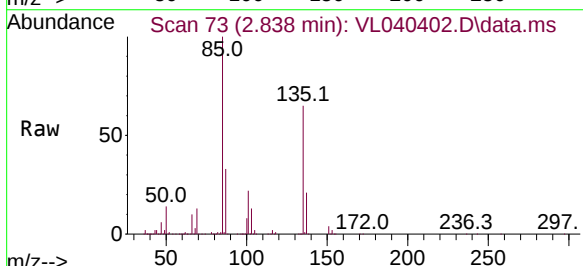
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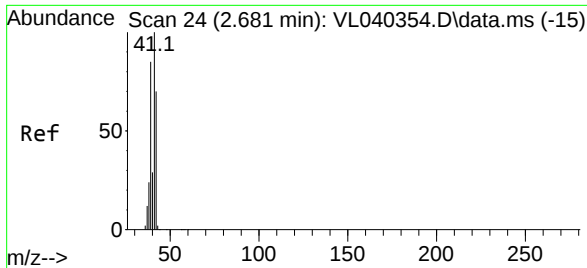
Tgt Ion: 64 Resp: 268902
Ion Ratio Lower Upper
64 100
66 30.1 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 9.074 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 85 Resp: 1781232
Ion Ratio Lower Upper
85 100
135 65.5 50.7 76.1

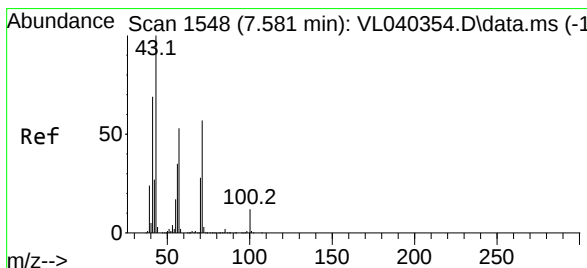
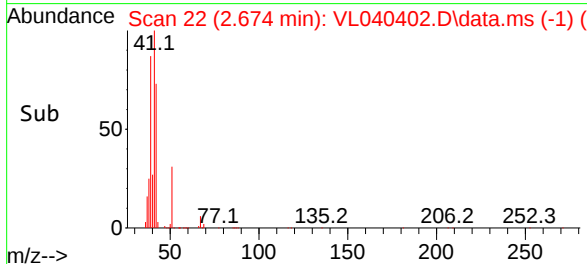
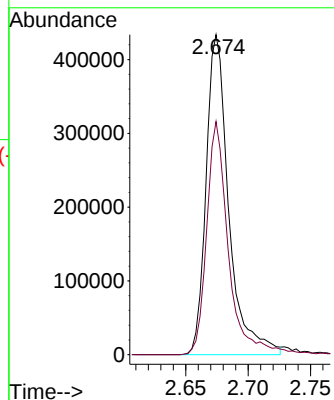
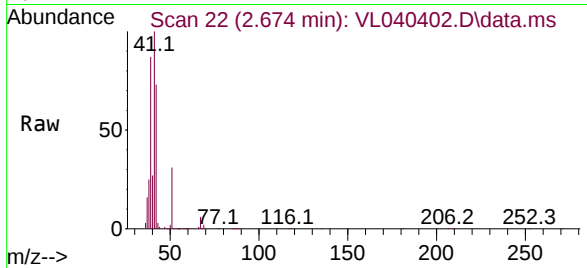




#9
 Propene
 Concen: 9.552 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

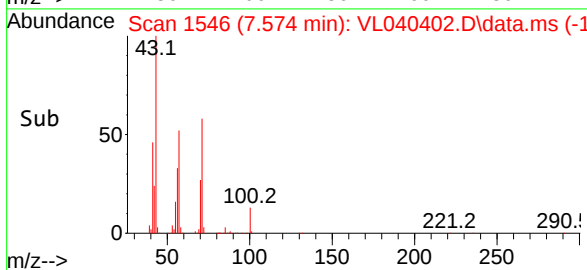
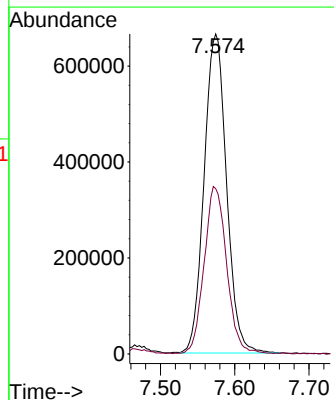
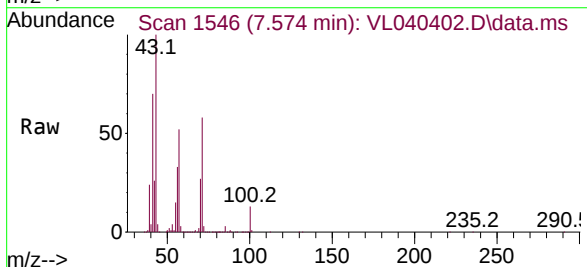
Instrument :
 MSVOA_L
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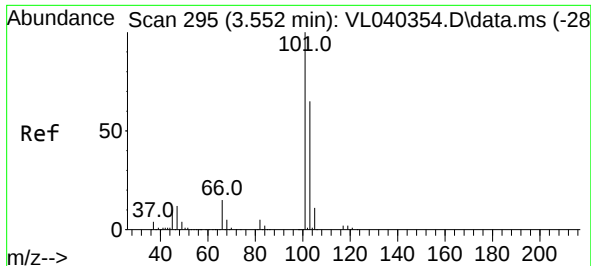
Tgt Ion: 41 Resp: 549329
 Ion Ratio Lower Upper
 41 100
 42 70.8 56.5 84.7



#10
 Heptane
 Concen: 10.678 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion: 43 Resp: 1395584
 Ion Ratio Lower Upper
 43 100
 57 52.7 42.2 63.4

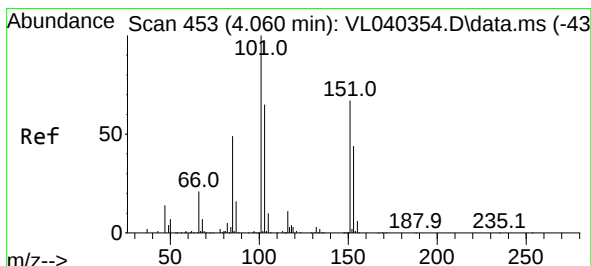
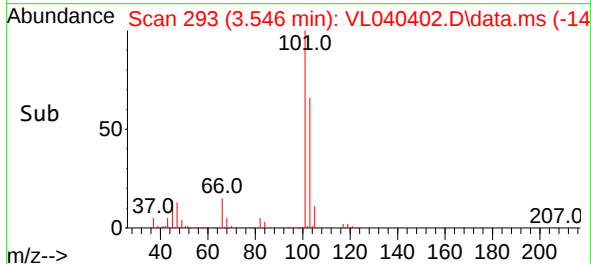
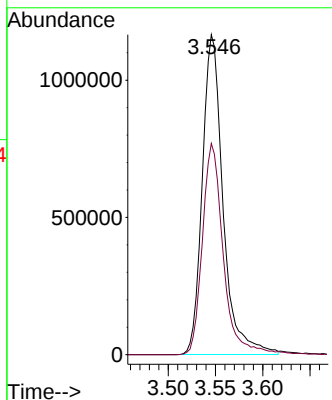
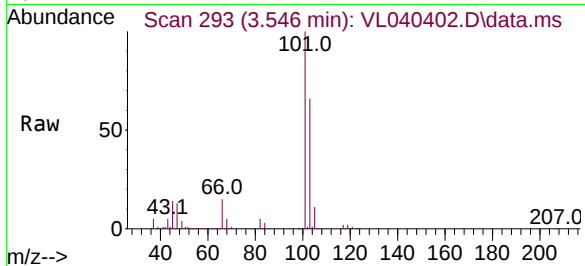




#11
 Trichlorofluoromethane
 Concen: 8.740 ppbv
 RT: 3.546 min Scan# 295
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

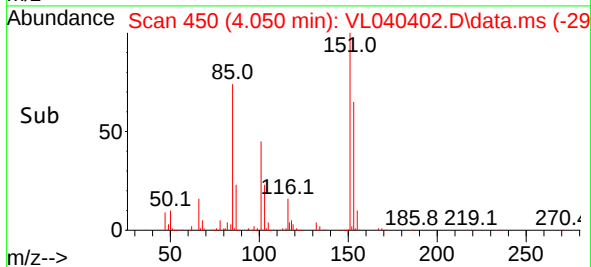
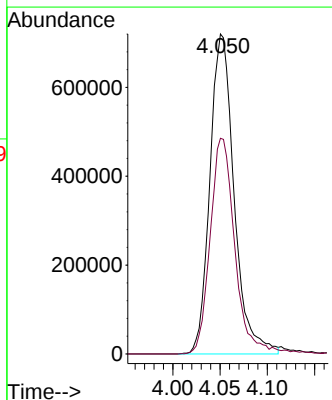
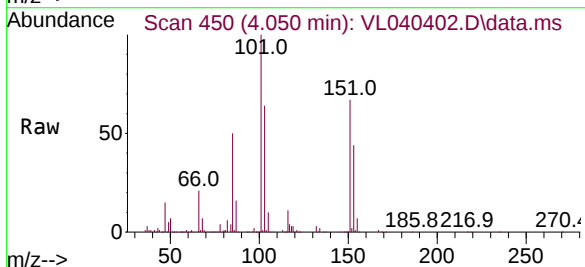
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

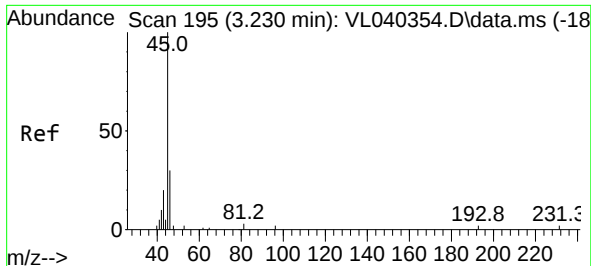
Tgt Ion:101 Resp: 1777159
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.020 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion:101 Resp: 1282831
 Ion Ratio Lower Upper
 101 100
 151 69.4 54.7 82.1

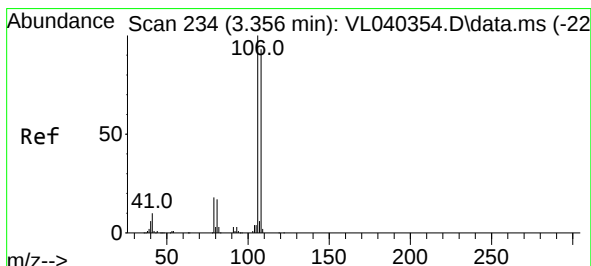
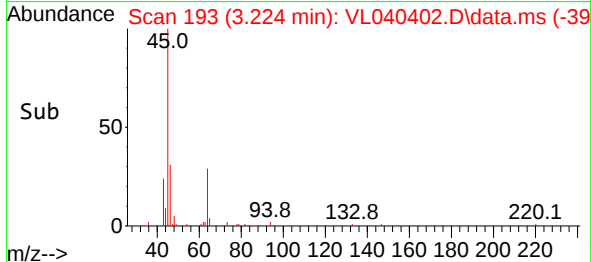
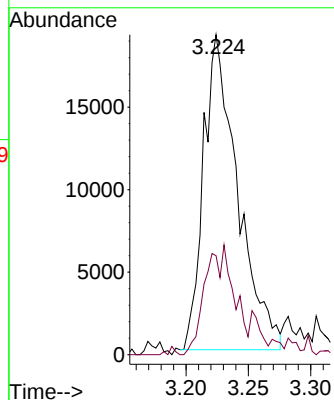
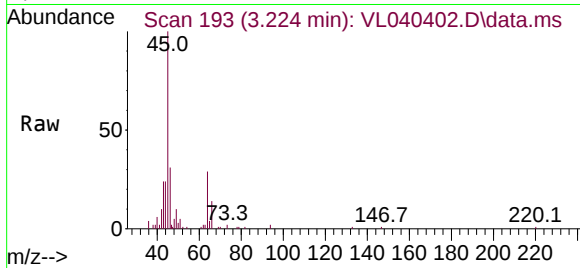




#13
Ethanol
Concen: 7.588 ppbv
RT: 3.224 min Scan# 195
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

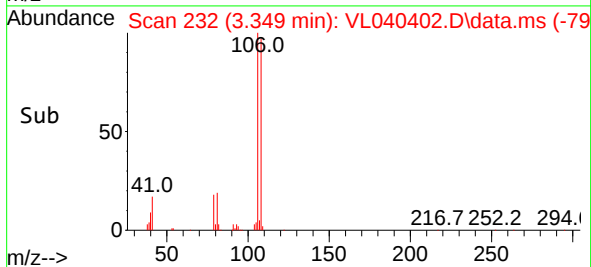
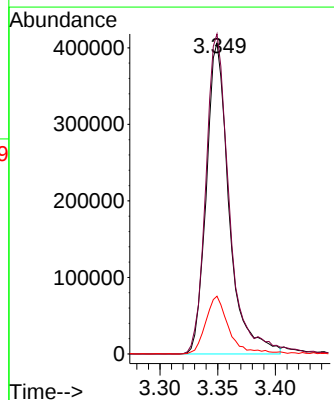
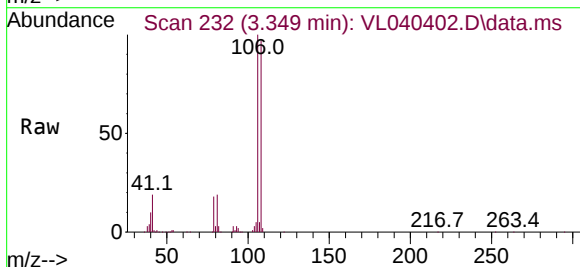
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

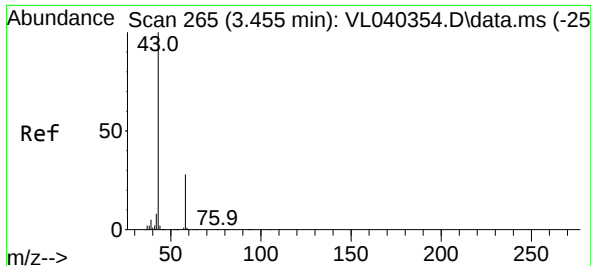
Tgt Ion: 45 Resp: 36432
Ion Ratio Lower Upper
45 100
46 38.0 15.3 61.3



#14
Bromoethene
Concen: 9.590 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 108 Resp: 557705
Ion Ratio Lower Upper
108 100
106 107.4 88.3 132.5
79 19.5 16.1 24.1





#15

Acetone

Concen: 8.303 ppbv

RT: 3.449 min Scan# 2

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

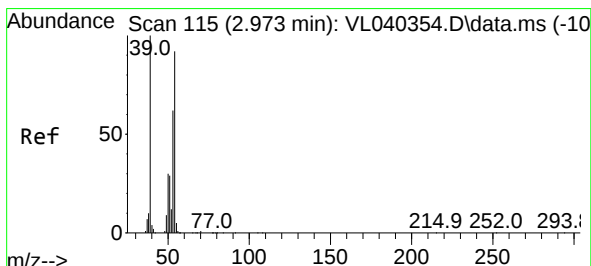
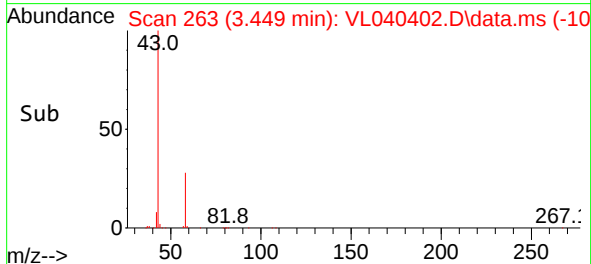
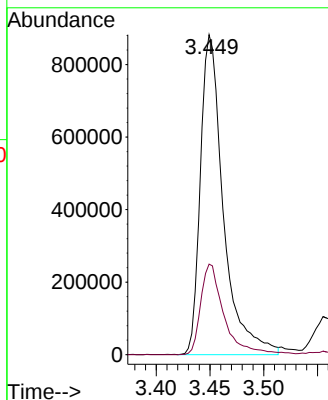
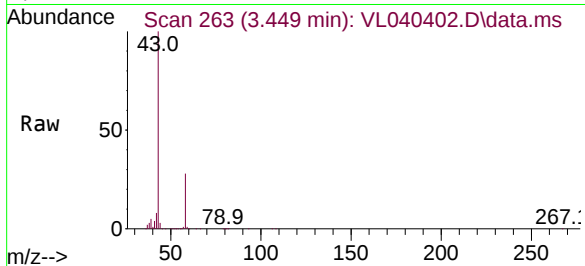
VL0511ABS01

Tgt Ion: 43 Resp: 1310058

Ion Ratio Lower Upper

43 100

58 28.8 22.2 33.2



#16

1,3-Butadiene

Concen: 9.873 ppbv

RT: 2.967 min Scan# 113

Delta R.T. -0.006 min

Lab File: VL040402.D

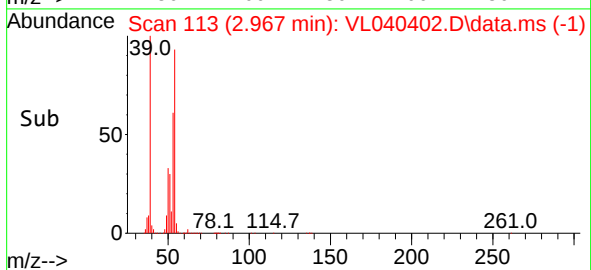
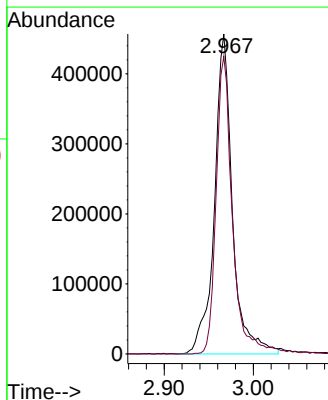
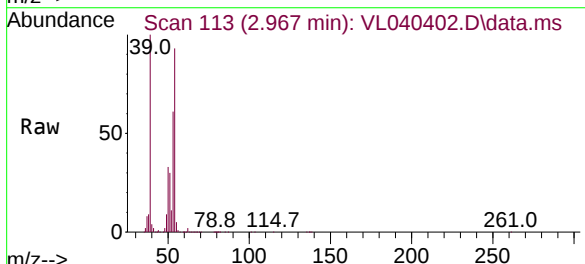
Acq: 11 May 2023 16:03

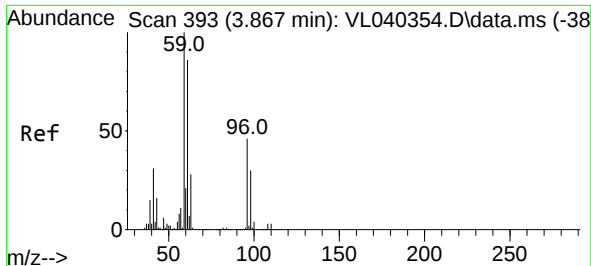
Tgt Ion: 39 Resp: 644669

Ion Ratio Lower Upper

39 100

54 84.9 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.806 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

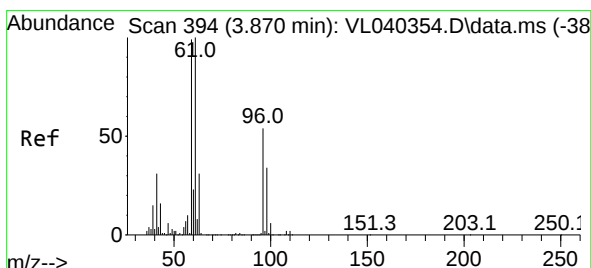
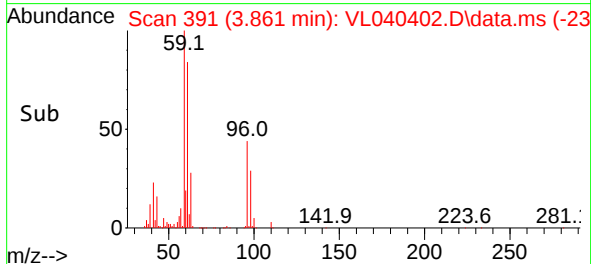
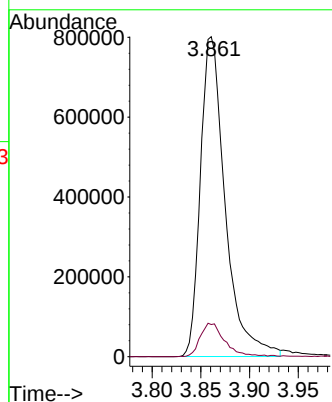
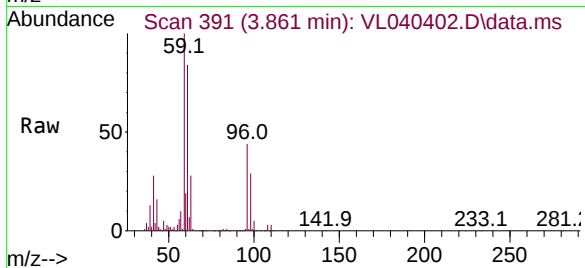
VL0511ABS01

Tgt Ion: 59 Resp: 1420780

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.281 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

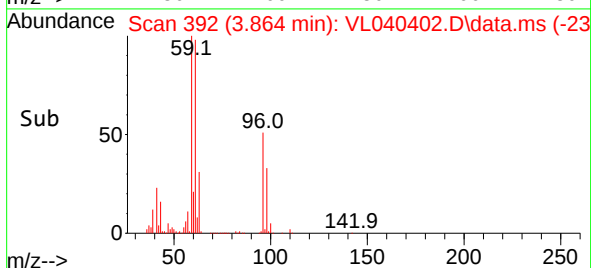
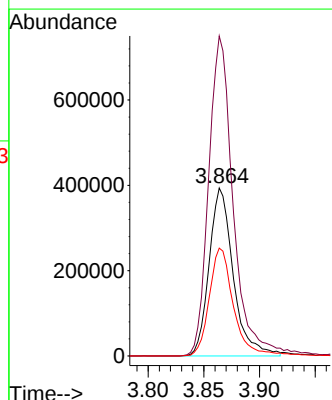
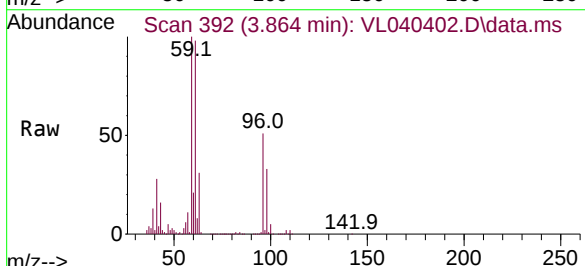
Tgt Ion: 96 Resp: 595313

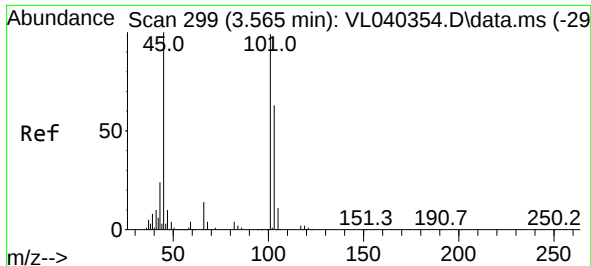
Ion Ratio Lower Upper

96 100

61 190.4 148.3 222.5

98 64.2 49.8 74.8

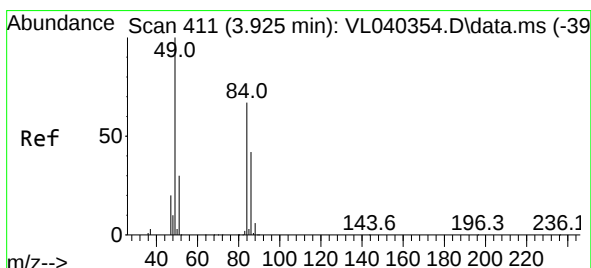
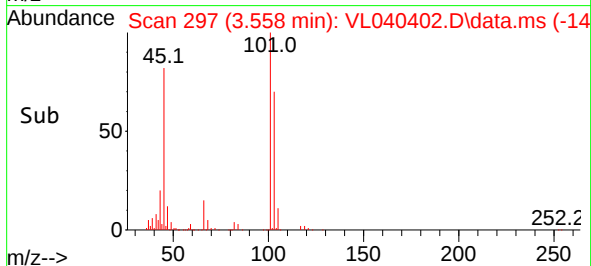
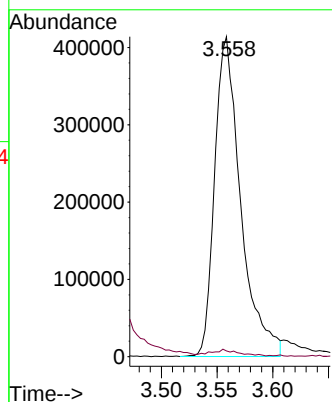
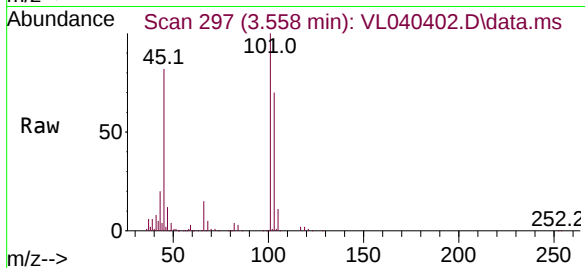




#19
Isopropyl Alcohol
Concen: 9.350 ppbv
RT: 3.558 min Scan# 299
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

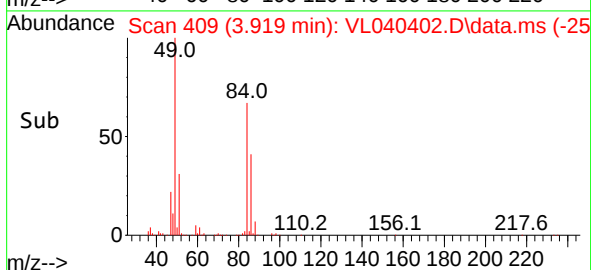
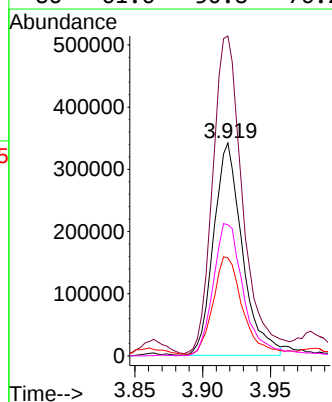
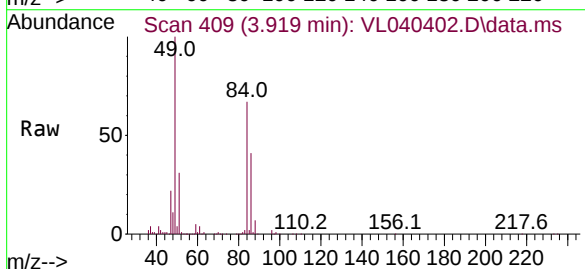
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

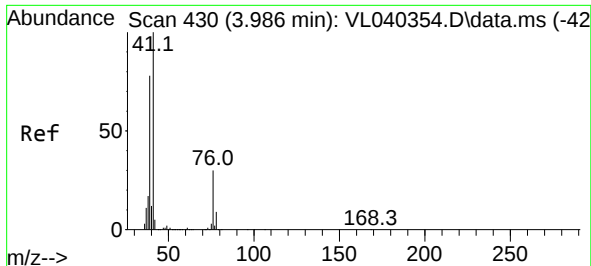
Tgt Ion: 45 Resp: 673158
Ion Ratio Lower Upper
45 100
58 2.8 2.6 4.0



#20
Methylene Chloride
Concen: 7.971 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 84 Resp: 502142
Ion Ratio Lower Upper
84 100
49 149.3 120.1 180.1
51 45.3 36.3 54.5
86 61.6 50.8 76.2

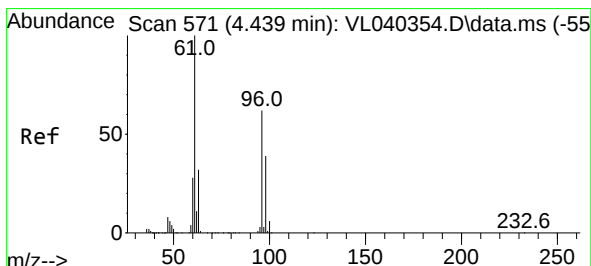
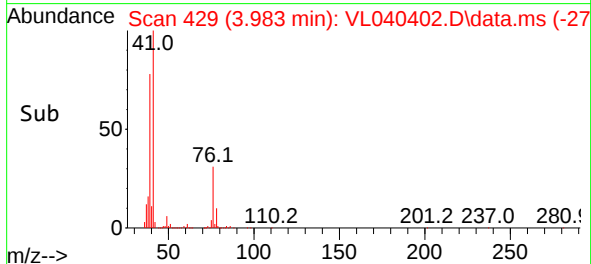
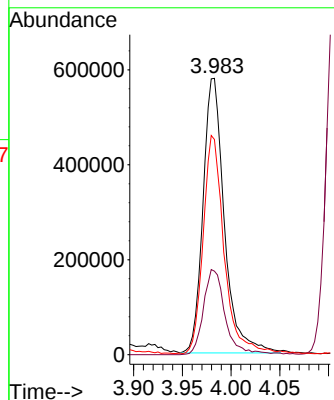
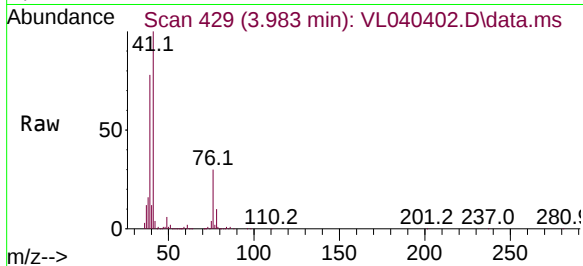




#21
 Allyl Chloride
 Concen: 9.849 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

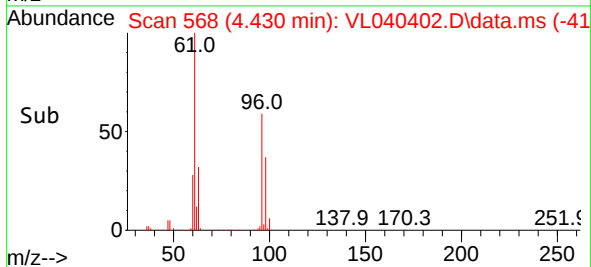
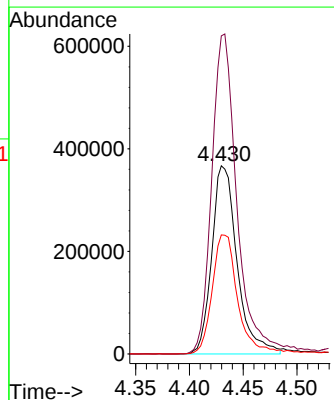
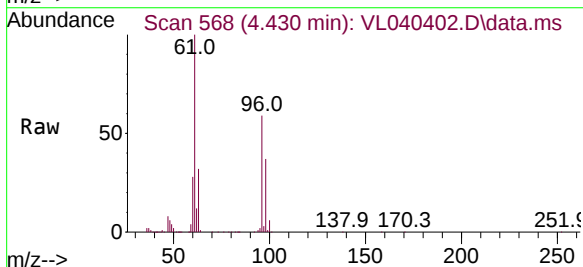
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

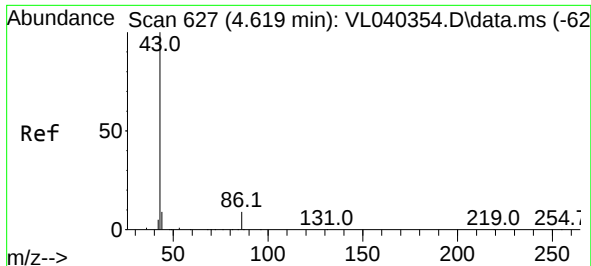
Tgt Ion: 41 Resp: 883026
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.5 38.3
 39 78.6 64.0 96.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.389 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.009 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion: 96 Resp: 602065
 Ion Ratio Lower Upper
 96 100
 61 168.9 129.4 194.2
 98 63.2 51.0 76.4

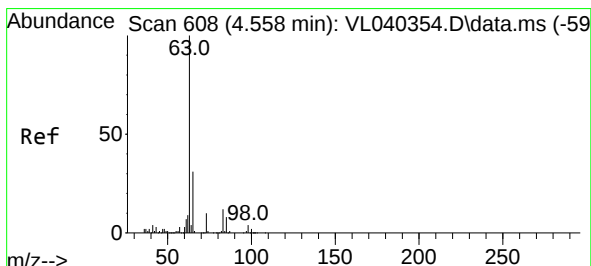
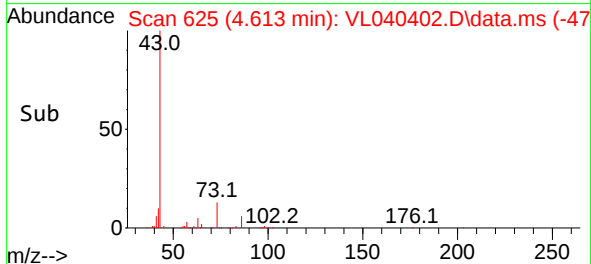
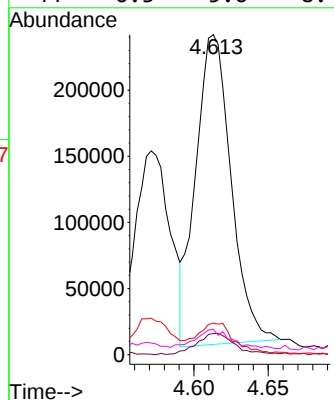
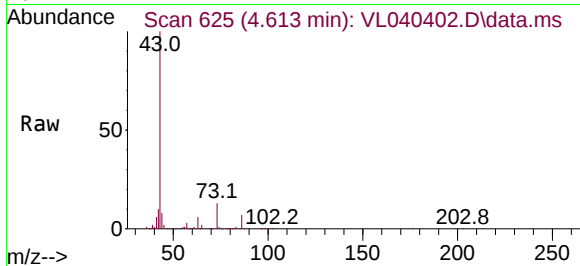




#23
 Vinyl Acetate
 Concen: 9.658 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

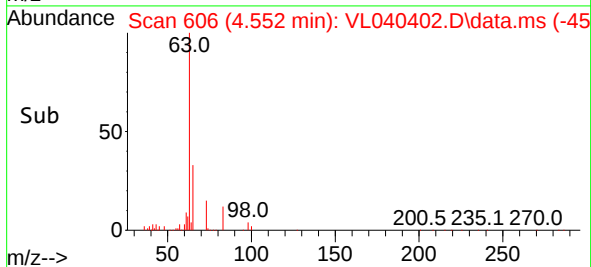
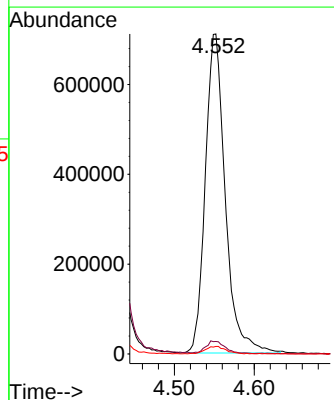
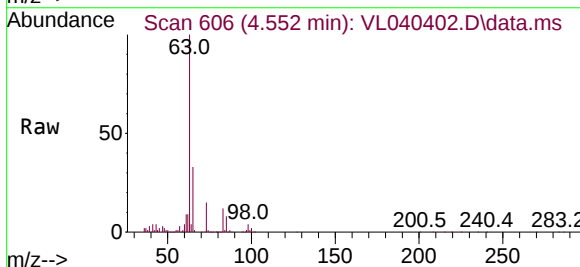
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0511ABS01

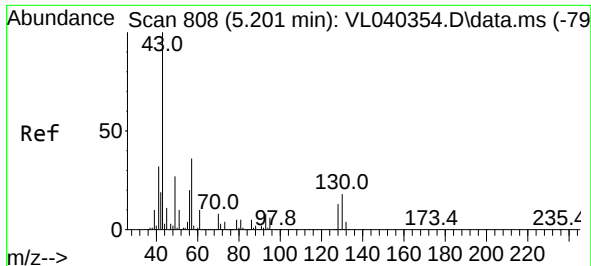
Tgt Ion:	43	Resp:	387998
Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.0	9.0
42	9.5	6.4	9.6
44	6.3	5.6	8.4



#24
 1,1-Dichloroethane
 Concen: 9.245 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion:	63	Resp:	1236003
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.2
100	2.3	1.2	3.6





#25

Ethyl Acetate

Concen: 9.712 ppbv

RT: 5.192 min Scan# 80

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 43 Resp: 2578669

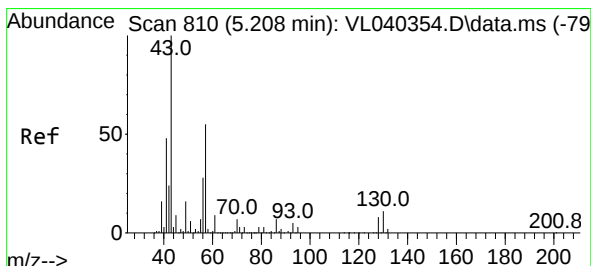
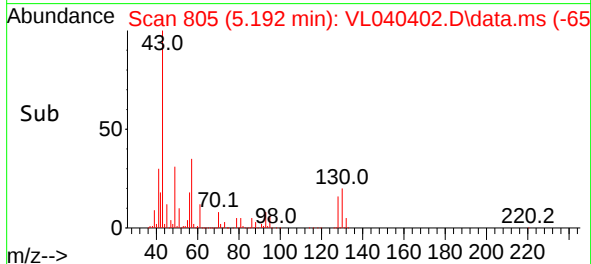
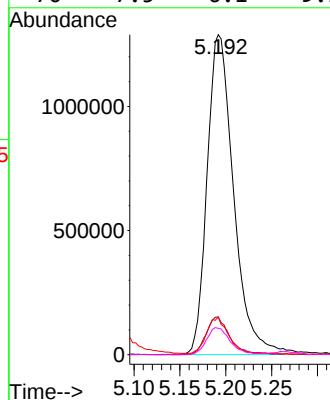
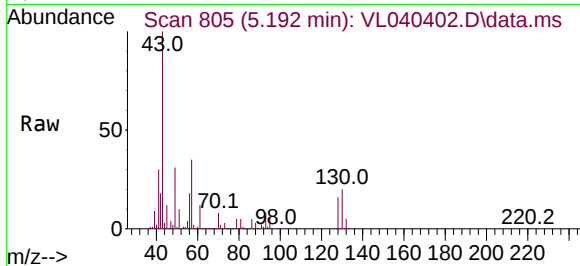
Ion Ratio Lower Upper

43 100

45 10.7 8.5 12.7

61 10.4 8.5 12.7

70 7.5 6.1 9.1



#26

Hexane

Concen: 9.943 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.007 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Tgt Ion: 57 Resp: 1112966

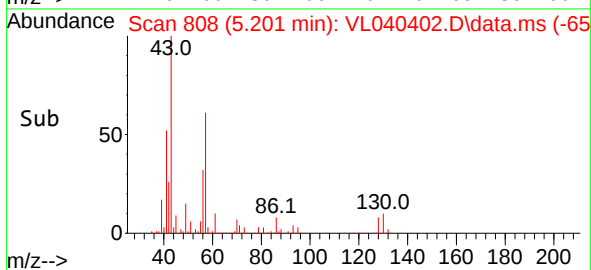
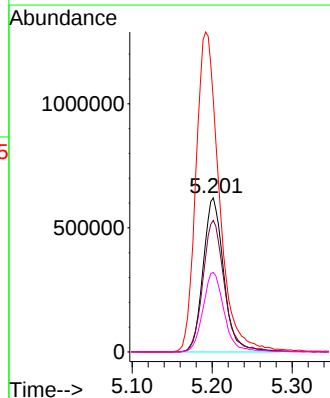
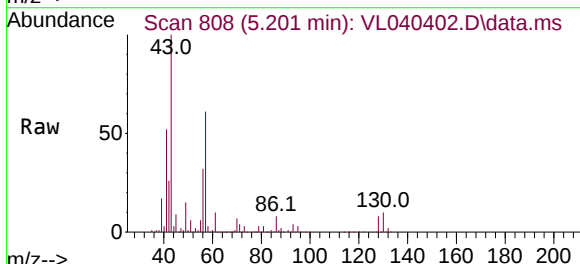
Ion Ratio Lower Upper

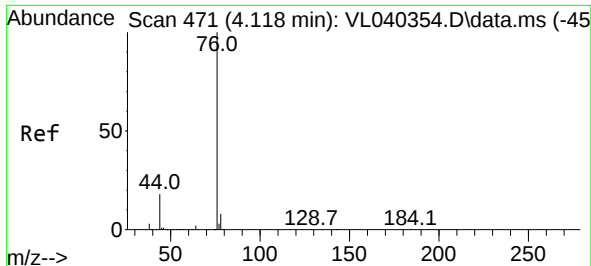
57 100

41 90.1 74.8 112.2

43 236.0 192.7 289.1

56 53.4 42.6 64.0





#27

Carbon Disulfide

Concen: 10.241 ppbv

RT: 4.108 min Scan# 4

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

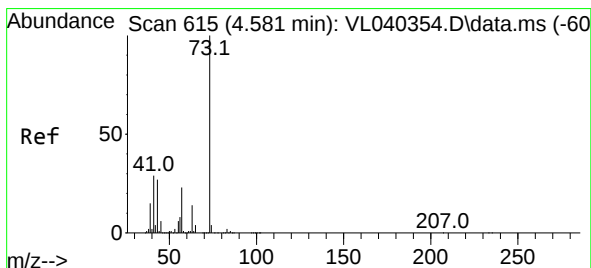
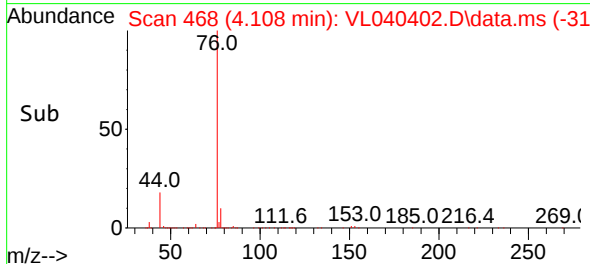
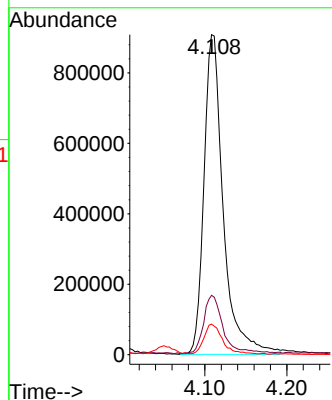
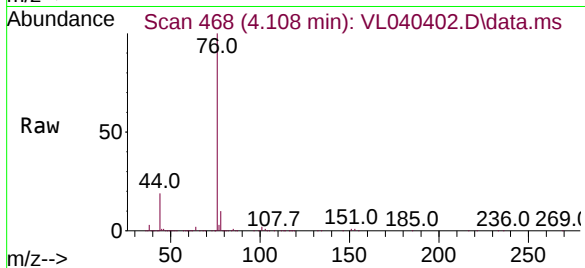
MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 76 Resp: 1483443

Ion	Ratio	Lower	Upper
76	100		
44	17.9	14.7	22.1
78	9.7	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 9.873 ppbv

RT: 4.571 min Scan# 612

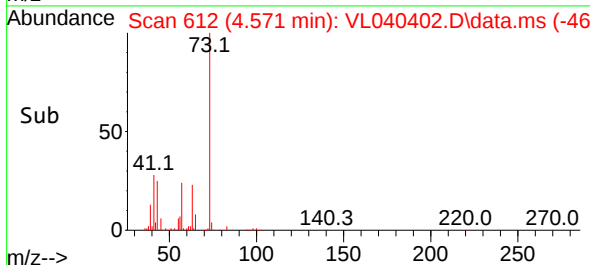
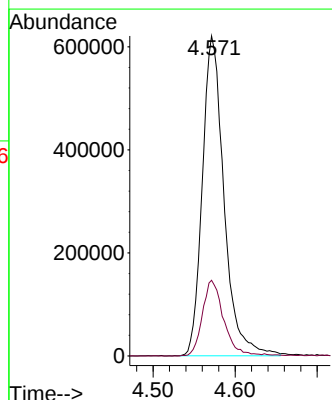
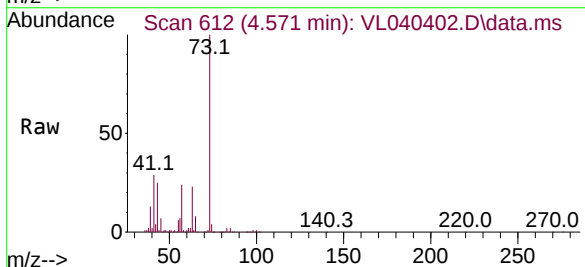
Delta R.T. -0.010 min

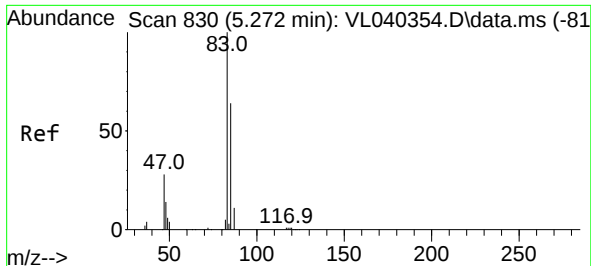
Lab File: VL040402.D

Acq: 11 May 2023 16:03

Tgt Ion: 73 Resp: 1140812

Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.6	27.8





#29

Chloroform

Concen: 9.401 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

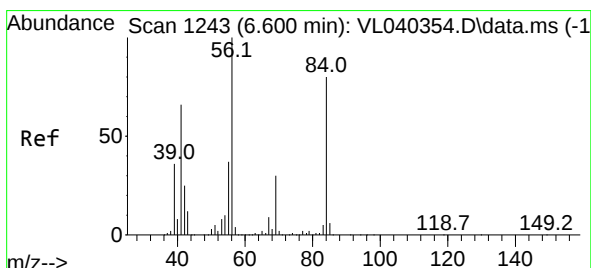
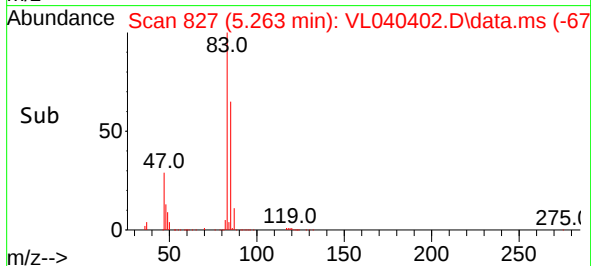
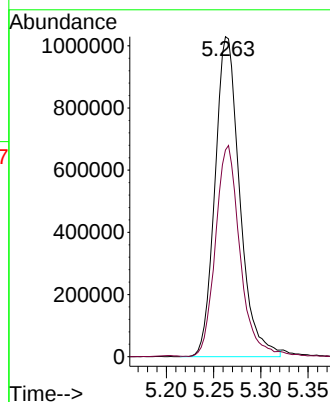
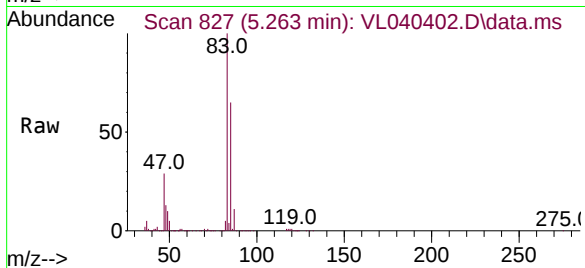
VL0511ABS01

Tgt Ion: 83 Resp: 1874497

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.4



#30

Cyclohexane

Concen: 10.903 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

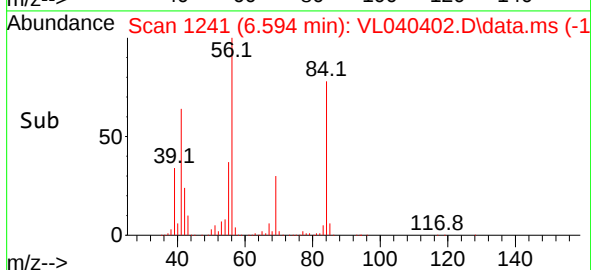
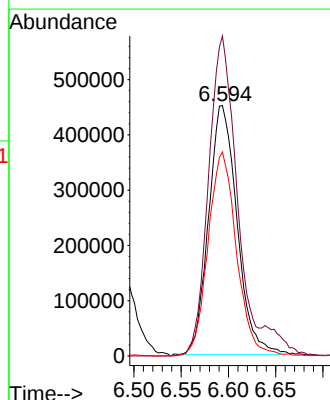
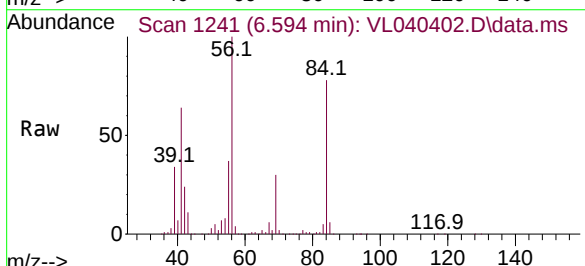
Tgt Ion: 84 Resp: 945169

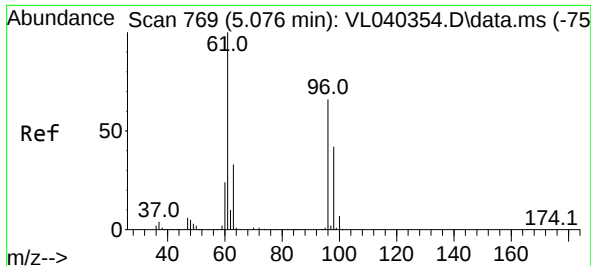
Ion Ratio Lower Upper

84 100

56 134.6 107.0 160.6

41 81.9 66.7 100.1



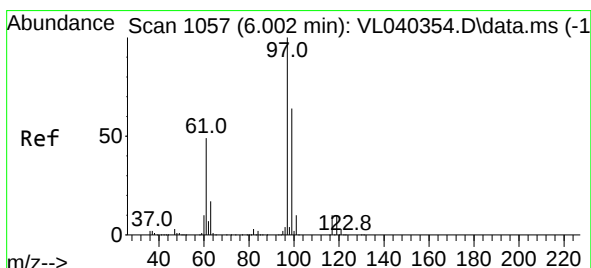
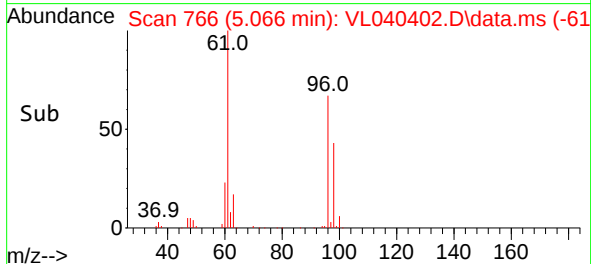
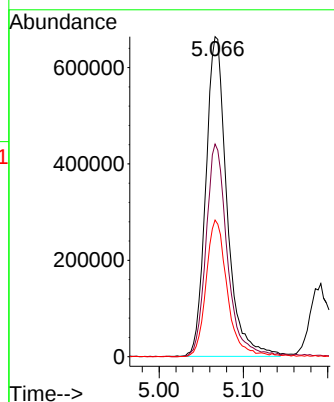
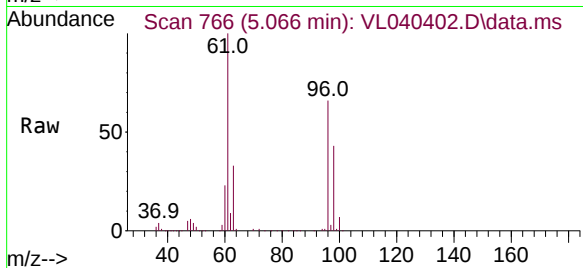


#31
 cis-1,2-Dichloroethene
 Concen: 10.487 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

Tgt Ion: 61 Resp: 1163464

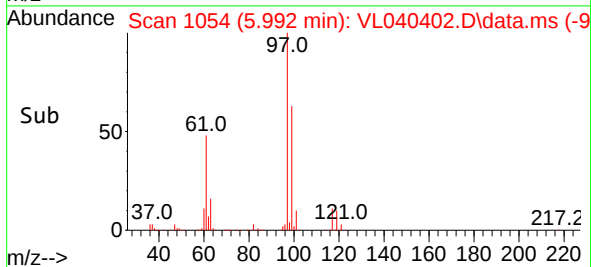
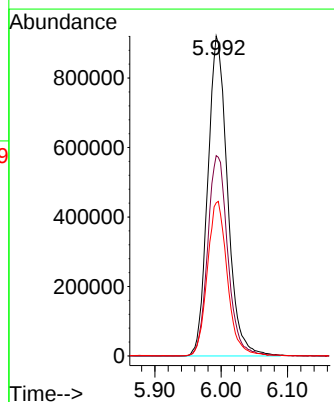
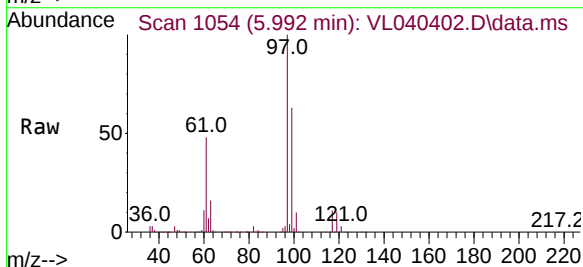
Ion	Ratio	Lower	Upper
61	100		
96	66.5	53.0	79.4
98	42.7	33.8	50.8

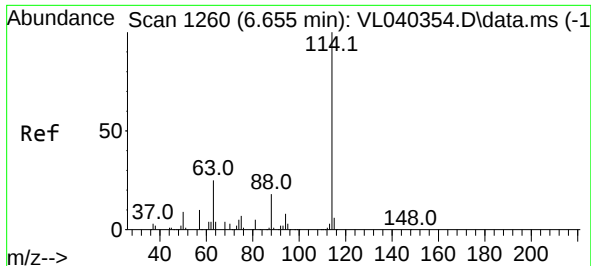


#32
 1,1,1-Trichloroethane
 Concen: 9.826 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion: 97 Resp: 1903580

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.8
61	49.3	40.4	60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

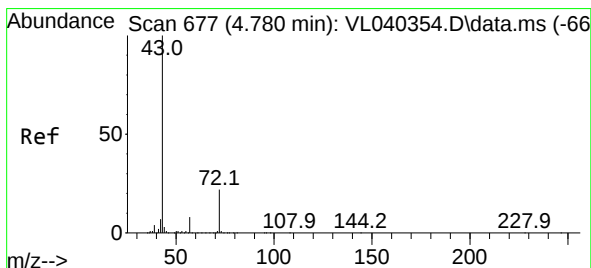
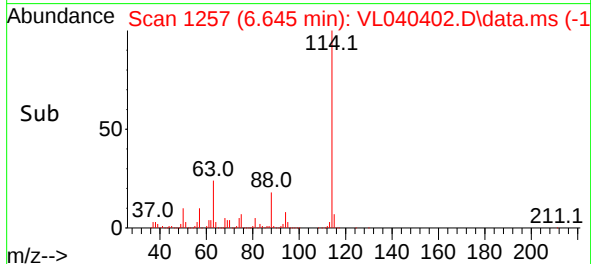
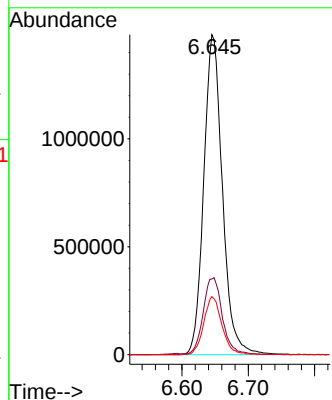
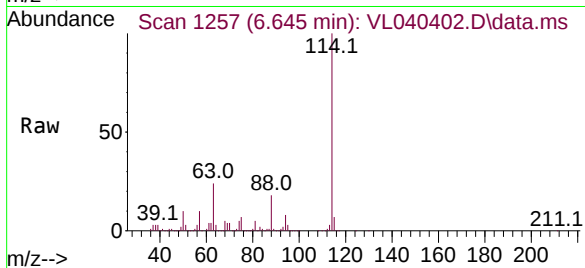
Tgt Ion:114 Resp: 2894753

Ion Ratio Lower Upper

114 100

63 25.2 21.4 32.0

88 17.8 14.6 22.0



#34

2-Butanone

Concen: 9.796 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.006 min

Lab File: VL040402.D

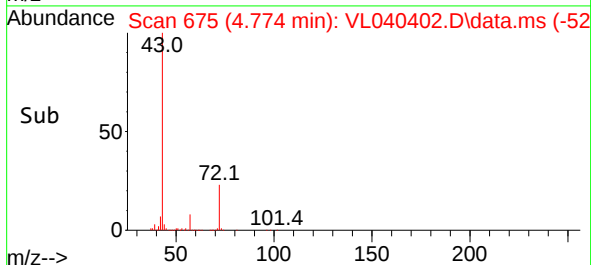
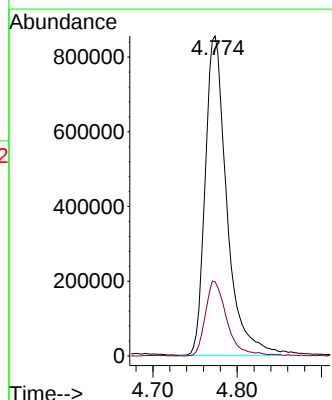
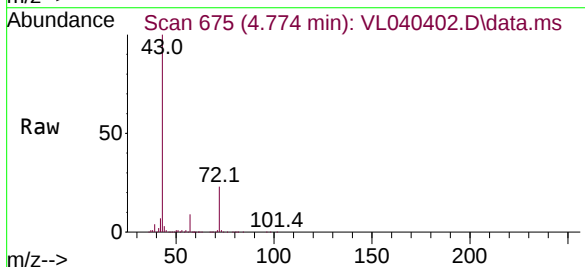
Acq: 11 May 2023 16:03

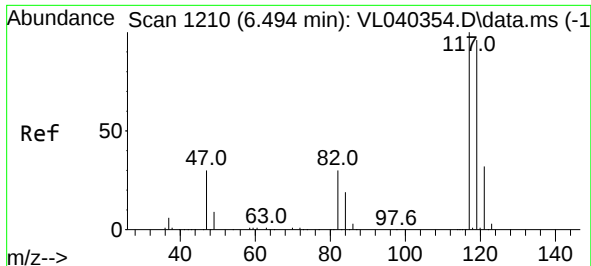
Tgt Ion: 43 Resp: 1529063

Ion Ratio Lower Upper

43 100

72 23.7 18.4 27.6



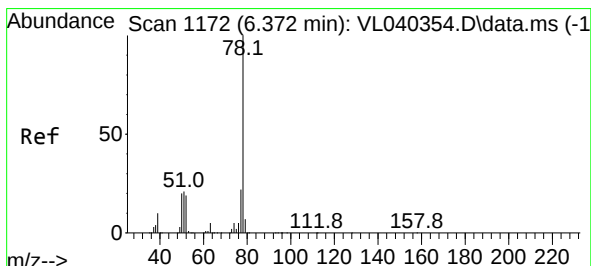
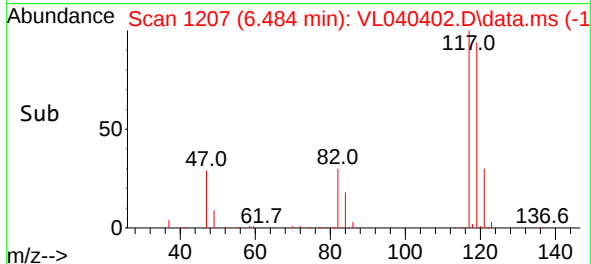
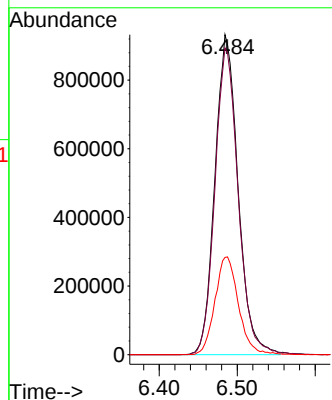
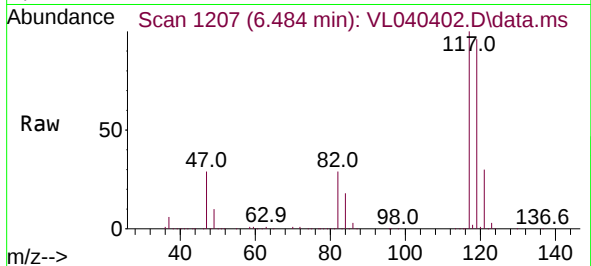


#35
Carbon Tetrachloride
Concen: 9.442 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion:117 Resp: 1924083

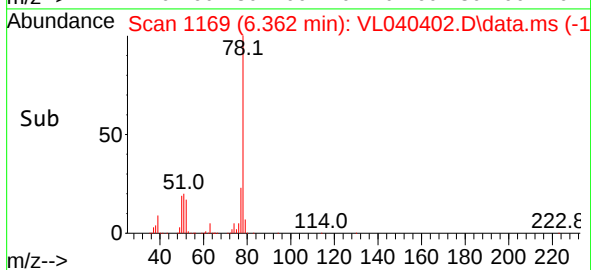
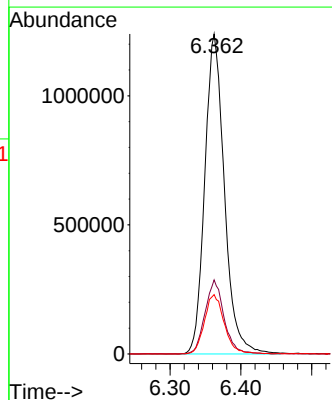
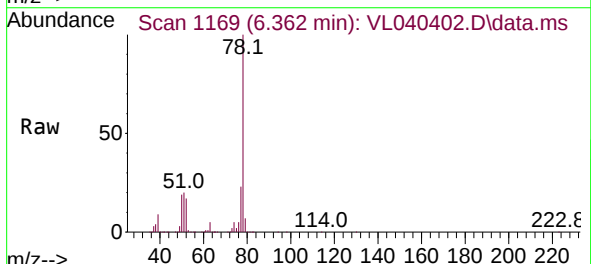
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	114.8
121	30.4	25.3	37.9

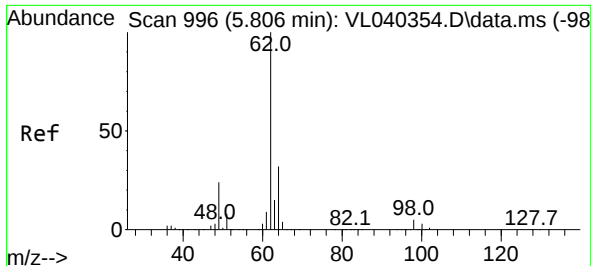


#36
Benzene
Concen: 10.088 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 78 Resp: 2382538

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.8	26.8
50	18.5	15.6	23.4

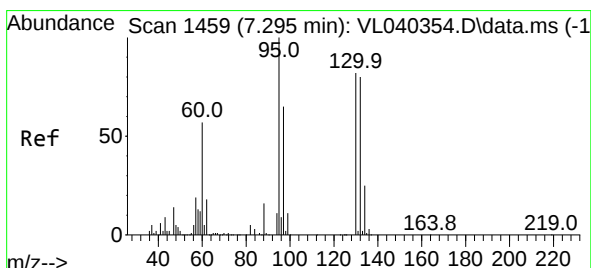
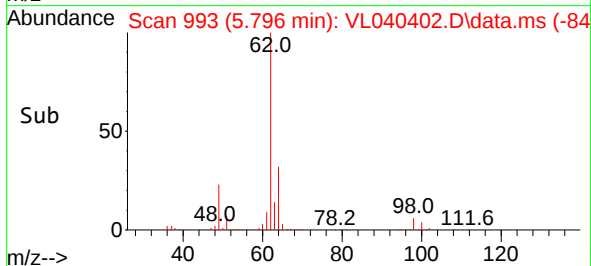
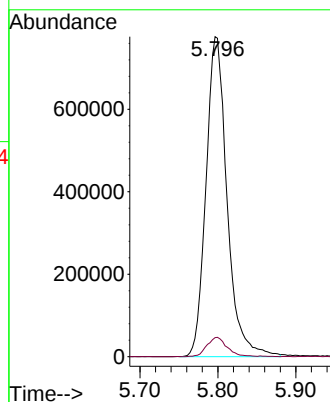
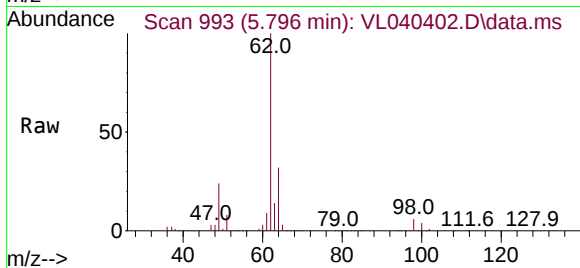




#37
1,2-Dichloroethane
Concen: 9.399 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

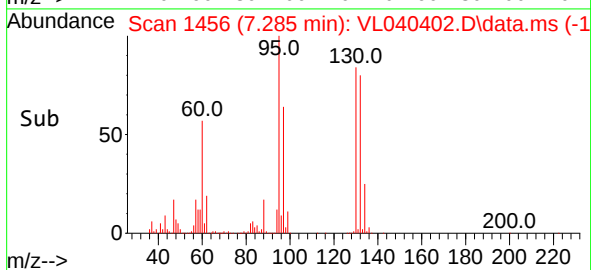
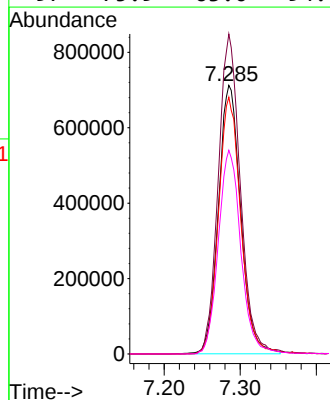
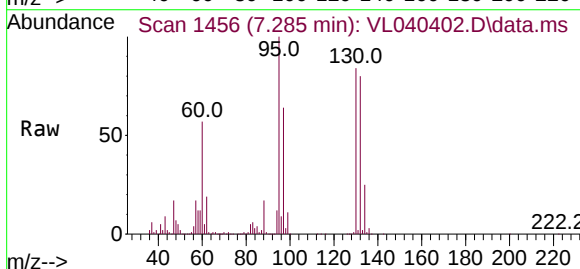
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

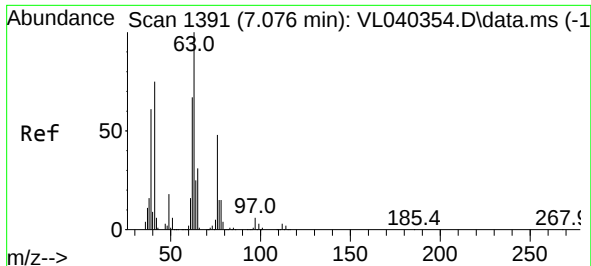
Tgt Ion: 62 Resp: 1458086
Ion Ratio Lower Upper
62 100
98 6.0 4.4 6.6



#38
Trichloroethene
Concen: 10.771 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:130 Resp: 1447854
Ion Ratio Lower Upper
130 100
95 119.2 97.4 146.0
132 95.6 77.5 116.3
97 75.9 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.786 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

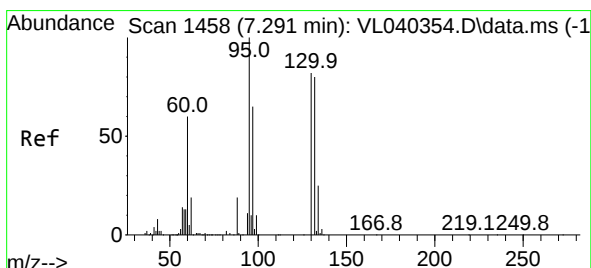
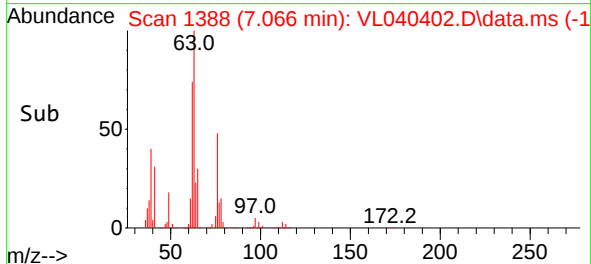
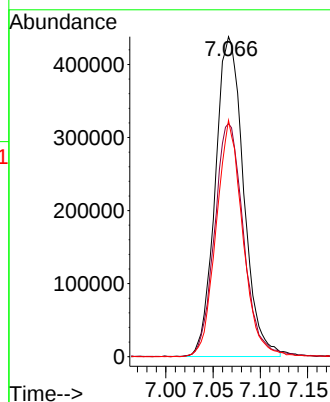
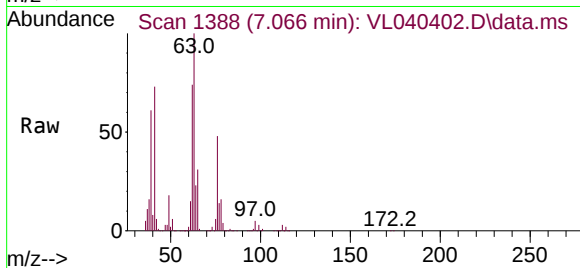
Tgt Ion: 63 Resp: 909447

Ion Ratio Lower Upper

63 100

41 72.8 59.6 89.4

62 73.9 53.9 80.9



#40

1,4-Dioxane

Concen: 9.254 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Tgt Ion: 88 Resp: 329355

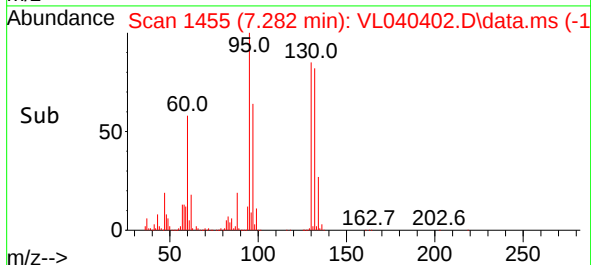
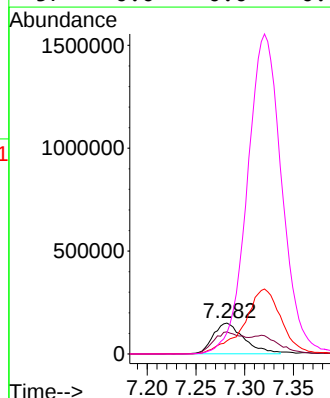
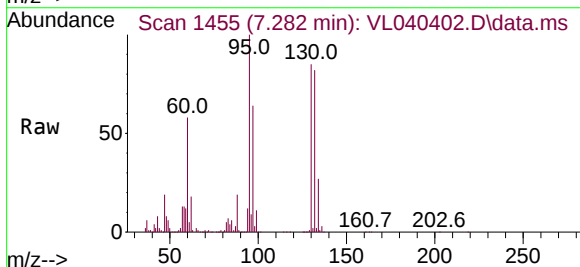
Ion Ratio Lower Upper

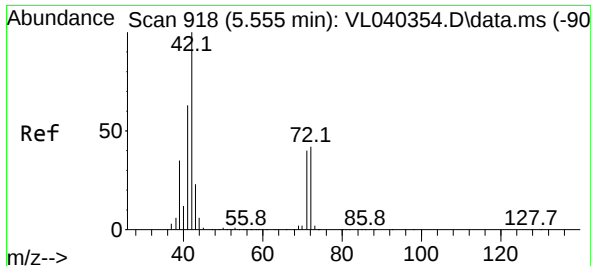
88 100

58 126.9 100.8 151.2

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.456 ppbv

RT: 5.545 min Scan# 918

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

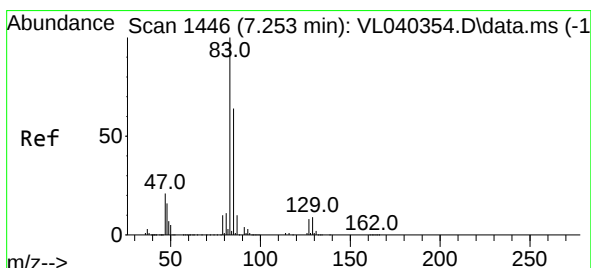
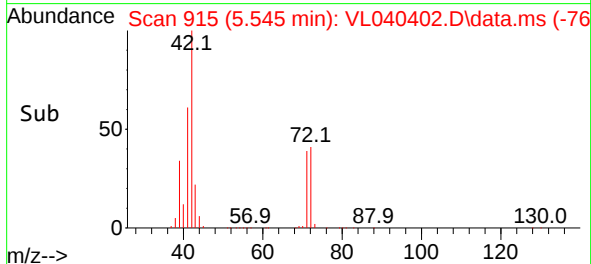
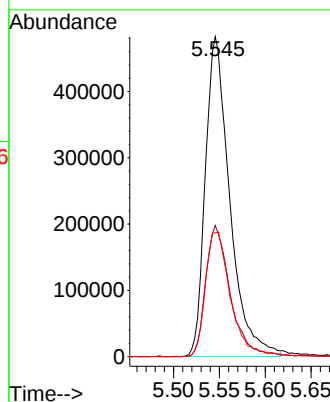
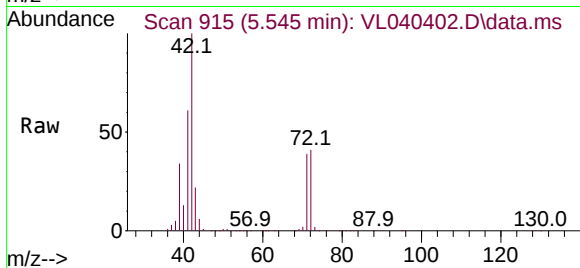
Tgt Ion: 42 Resp: 893812

Ion Ratio Lower Upper

42 100

72 41.7 33.7 50.5

71 40.7 32.2 48.2



#42

Bromodichloromethane

Concen: 9.740 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

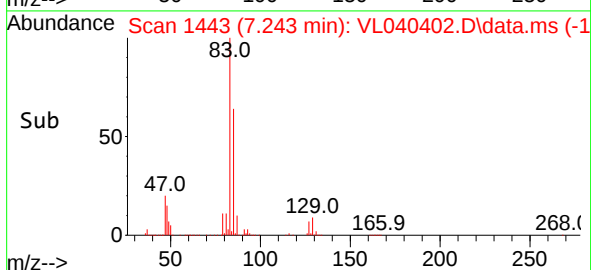
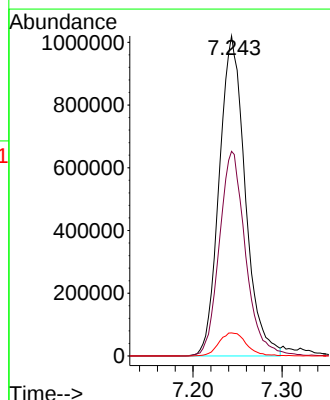
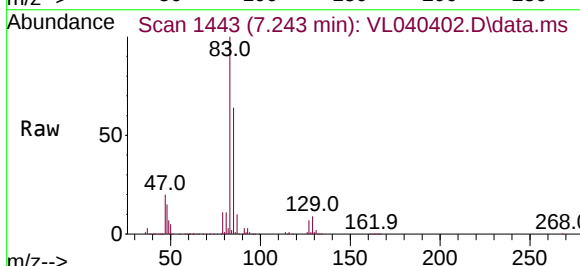
Tgt Ion: 83 Resp: 2063518

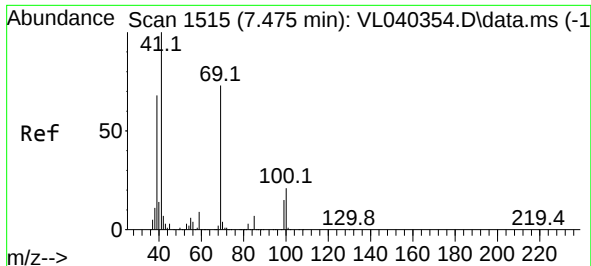
Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

127 7.2 6.4 9.6

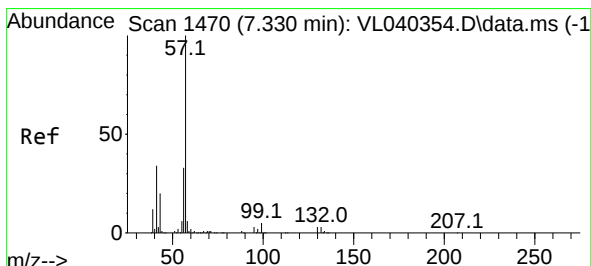
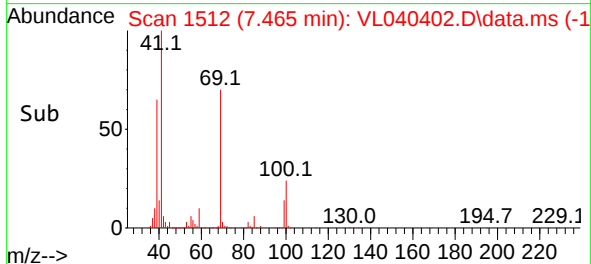
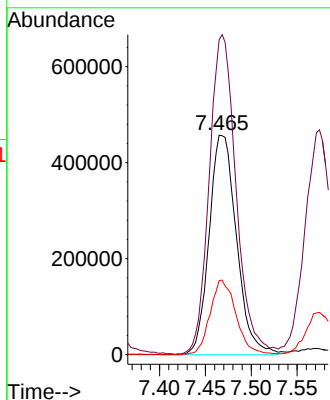
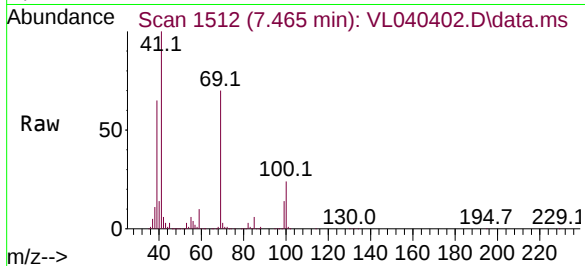




#43
Methyl Methacrylate
Concen: 10.807 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

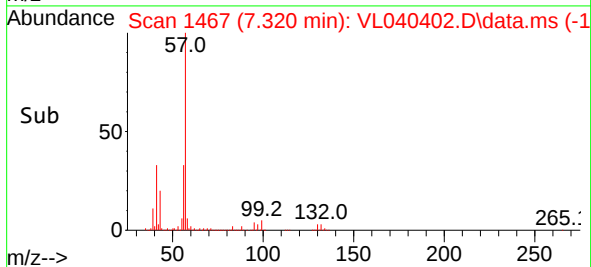
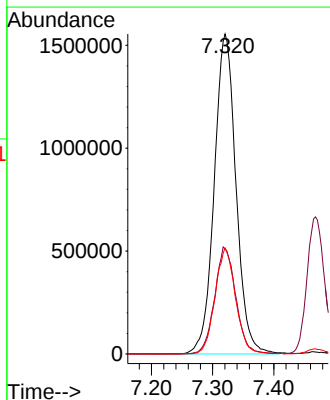
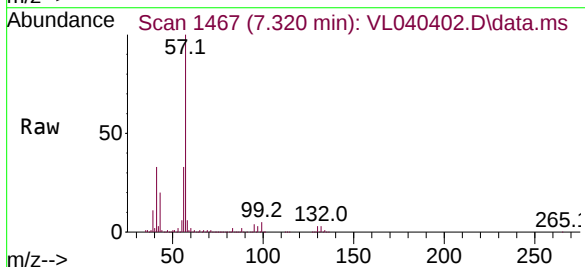
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

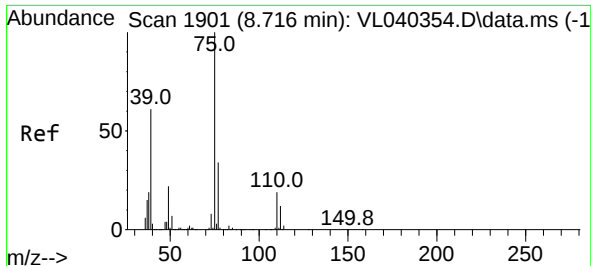
Tgt Ion: 69 Resp: 947991
Ion Ratio Lower Upper
69 100
41 142.8 114.3 171.5
100 32.4 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 9.750 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 57 Resp: 3846389
Ion Ratio Lower Upper
57 100
41 32.5 26.9 40.3
56 31.3 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.871 ppbv

RT: 8.706 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

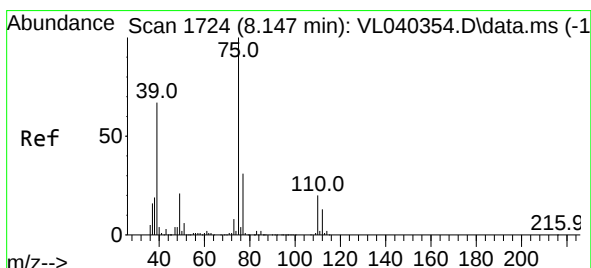
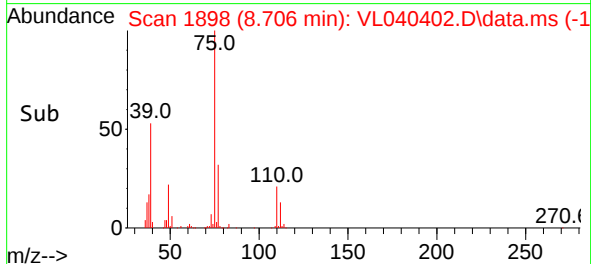
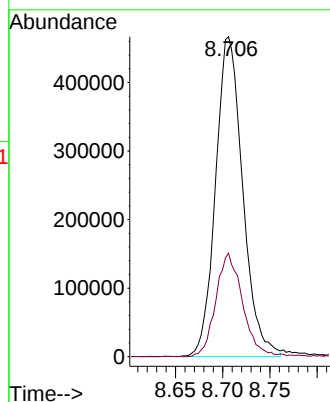
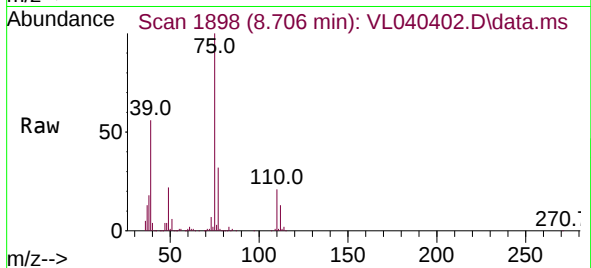
VL0511ABS01

Tgt Ion: 75 Resp: 930141

Ion Ratio Lower Upper

75 100

77 32.3 26.8 40.2



#46

cis-1,3-Dichloropropene

Concen: 11.513 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

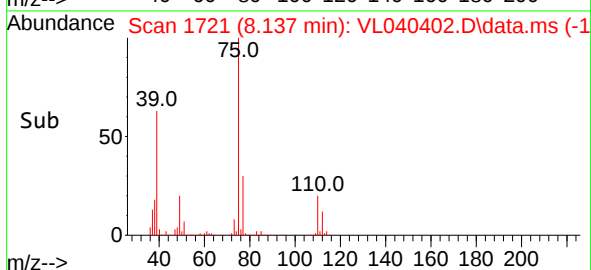
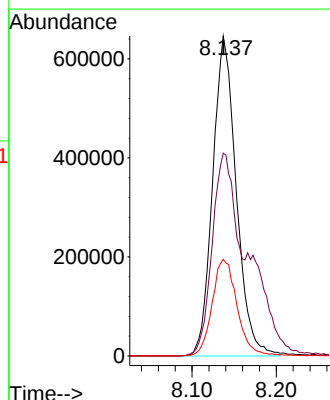
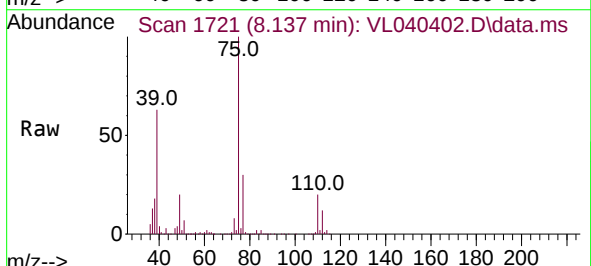
Tgt Ion: 75 Resp: 1255641

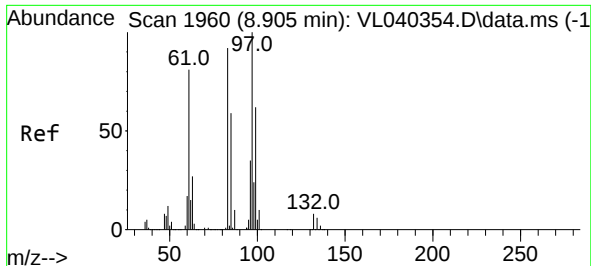
Ion Ratio Lower Upper

75 100

39 63.4 53.4 80.2

77 30.2 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.882 ppbv

RT: 8.896 min Scan# 1960

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 97 Resp: 1006926

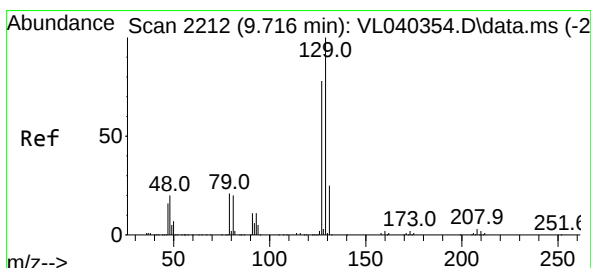
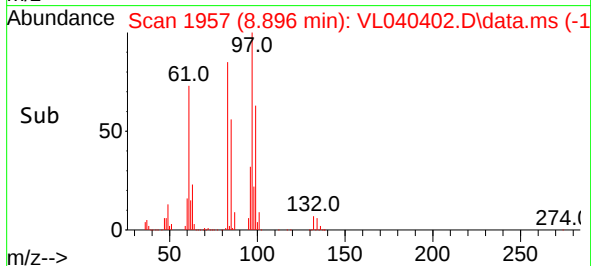
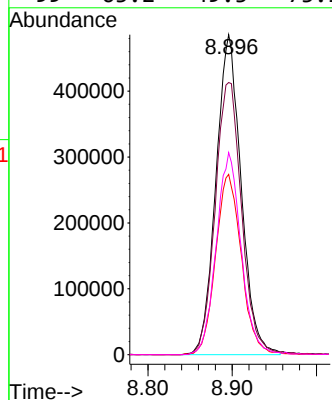
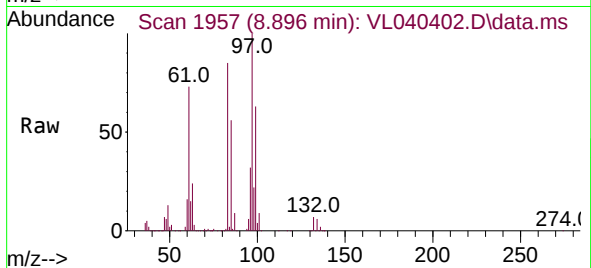
Ion Ratio Lower Upper

97 100

83 85.1 73.3 109.9

85 56.4 46.9 70.3

99 63.2 49.3 73.9



#48

Dibromochloromethane

Concen: 10.419 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.007 min

Lab File: VL040402.D

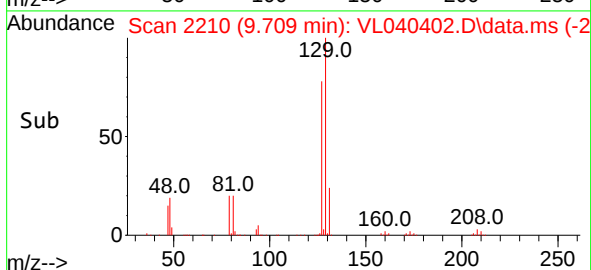
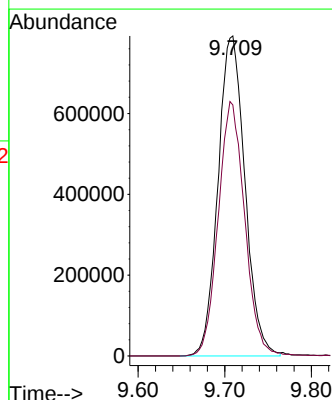
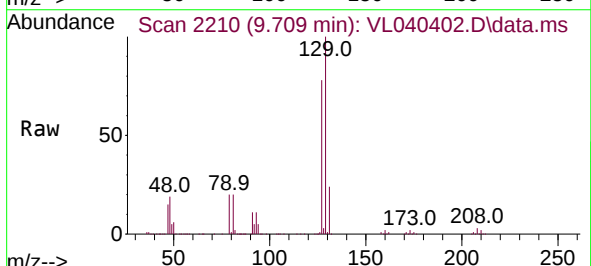
Acq: 11 May 2023 16:03

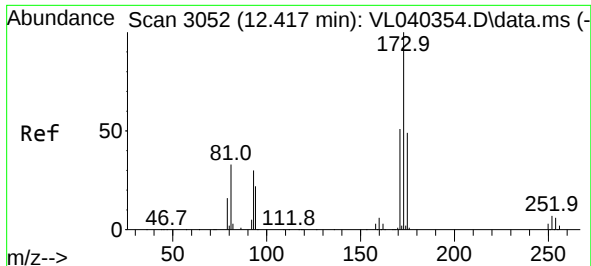
Tgt Ion: 129 Resp: 1709717

Ion Ratio Lower Upper

129 100

127 78.4 39.2 117.6

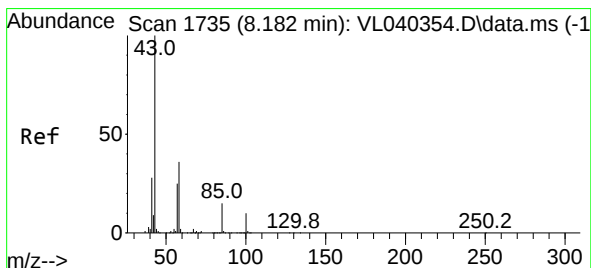
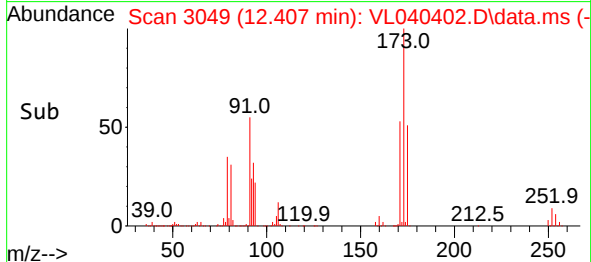
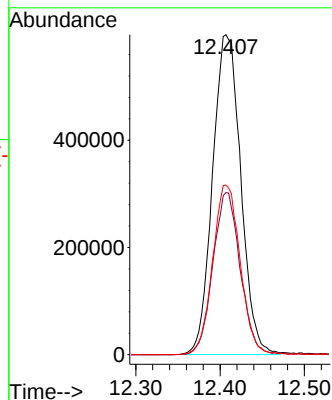
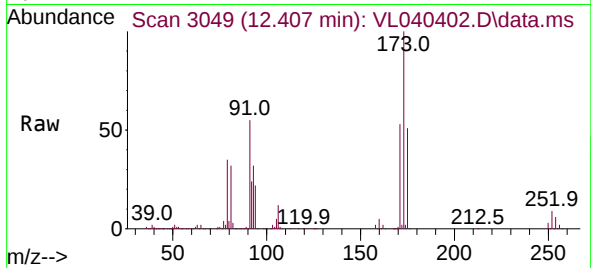




#49
Bromoform
Concen: 10.819 ppbv
RT: 12.407 min Scan# 3052
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

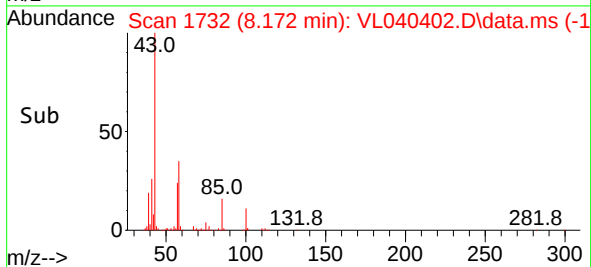
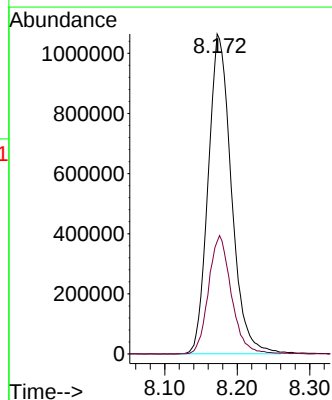
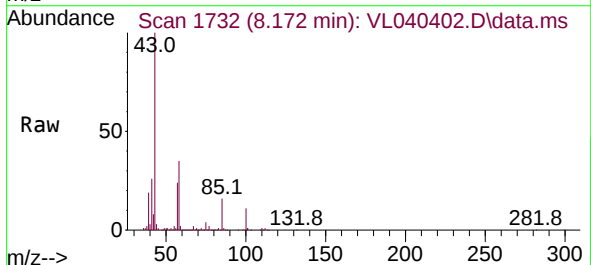
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

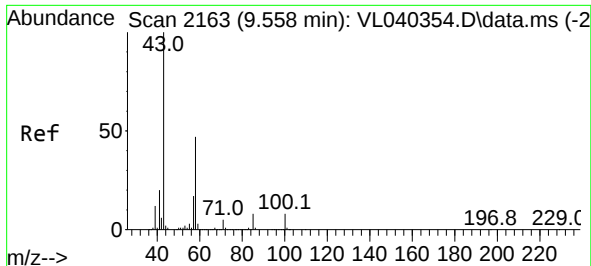
Tgt Ion:173 Resp: 1384627
Ion Ratio Lower Upper
173 100
175 49.2 39.8 59.8
171 52.3 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 9.978 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 43 Resp: 2361473
Ion Ratio Lower Upper
43 100
58 36.6 28.6 43.0

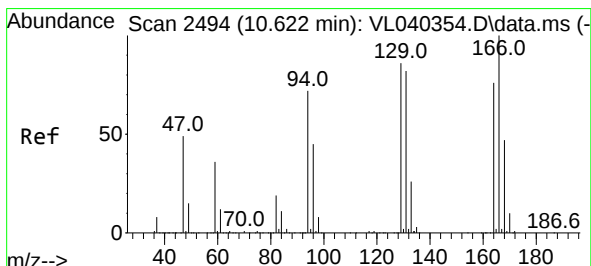
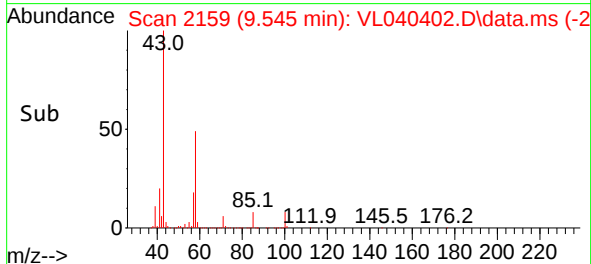
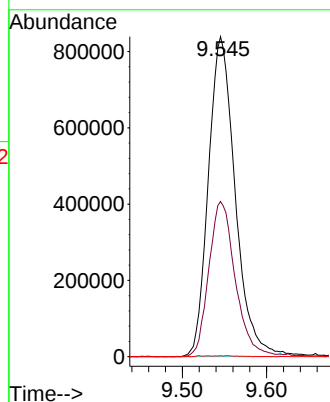
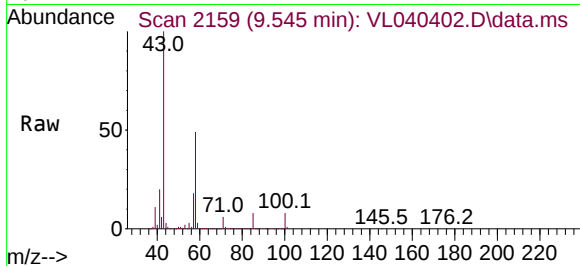




#51
2-Hexanone
Concen: 10.564 ppbv
RT: 9.545 min Scan# 2163
Delta R.T. -0.013 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

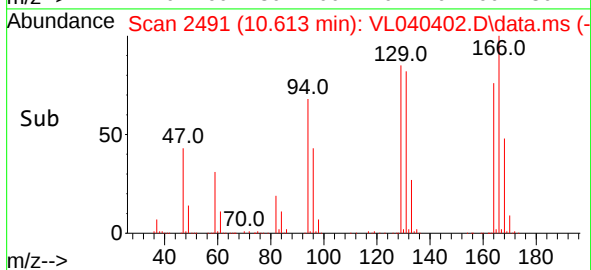
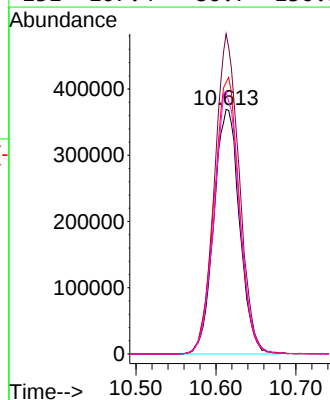
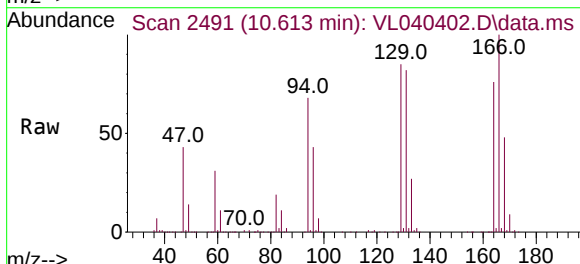
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

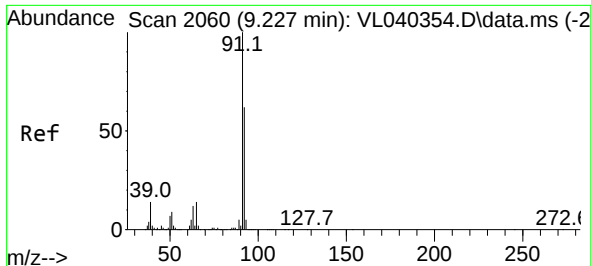
Tgt Ion: 43 Resp: 1847551
Ion Ratio Lower Upper
43 100
58 48.6 38.3 57.5
98 0.4 0.4 0.6#



#52
Tetrachloroethene
Concen: 11.141 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:164 Resp: 823064
Ion Ratio Lower Upper
164 100
166 130.7 105.2 157.8
129 111.1 90.3 135.5
131 107.4 86.7 130.1

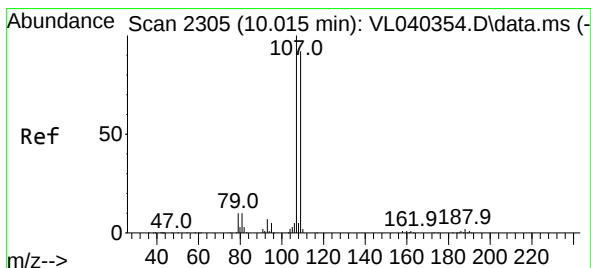
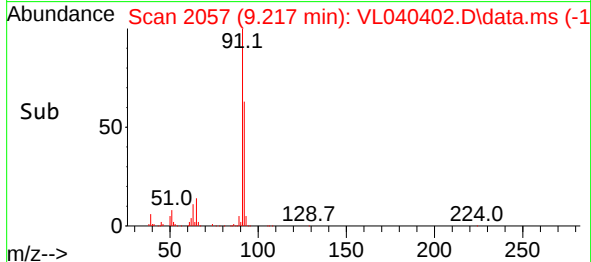
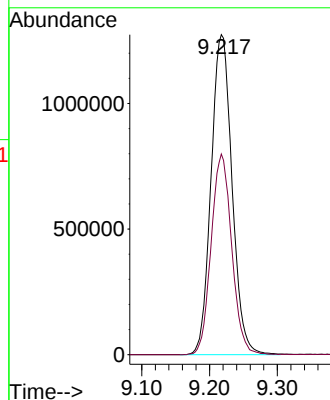
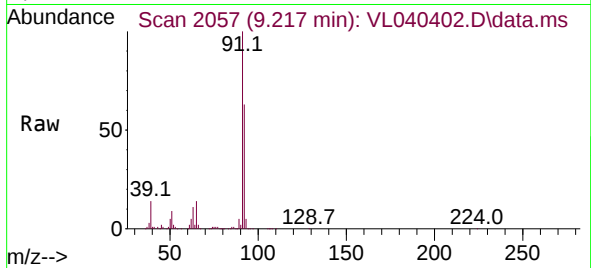




#53
Toluene
Concen: 10.925 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

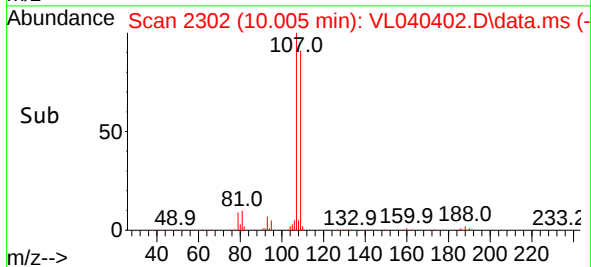
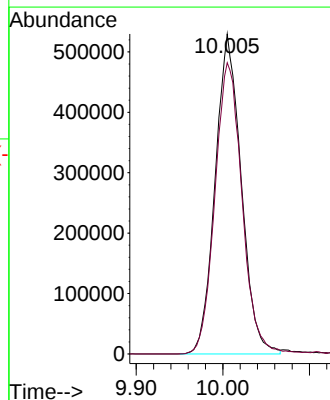
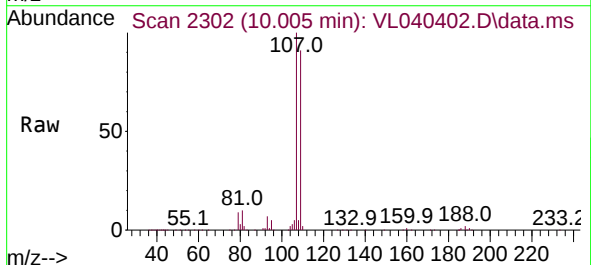
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

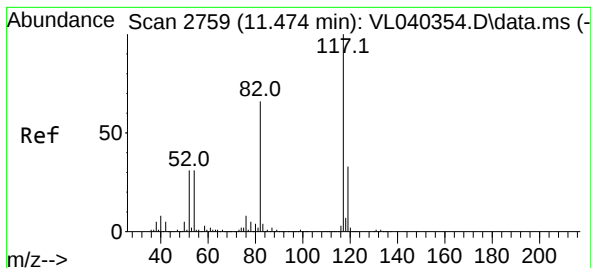
Tgt Ion: 91 Resp: 2735419
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.690 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 107 Resp: 1104242
Ion Ratio Lower Upper
107 100
109 90.9 73.6 110.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

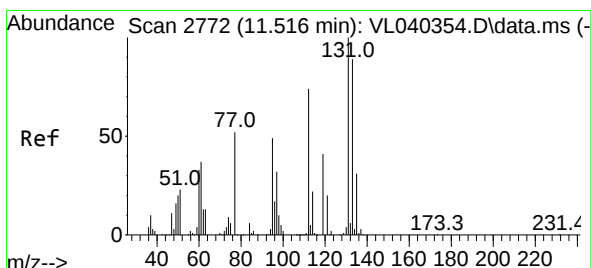
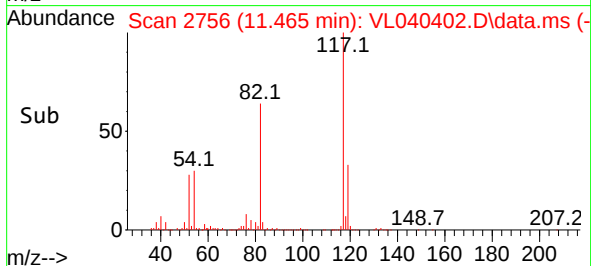
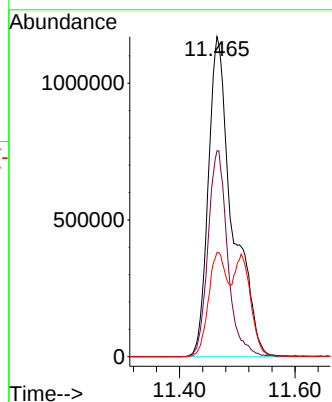
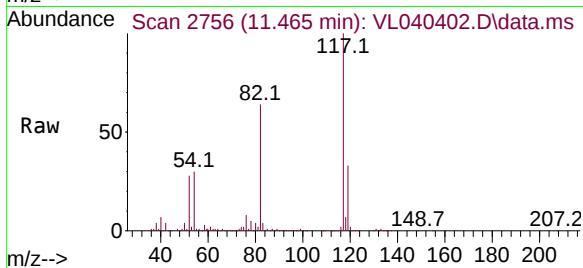
Tgt Ion:117 Resp: 3408239

Ion Ratio Lower Upper

117 100

82 52.4 52.5 78.7#

119 25.3 24.3 36.5



#56

1,1,1,2-Tetrachloroethane

Concen: 7.828 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

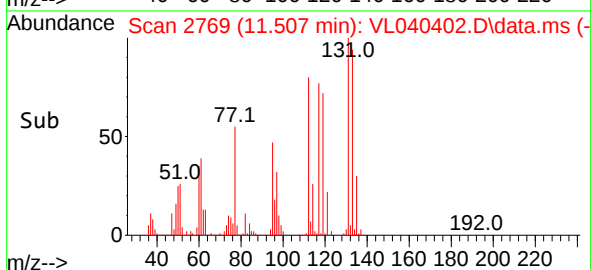
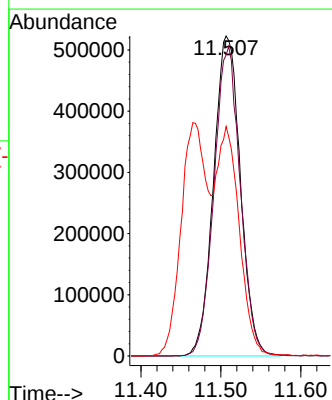
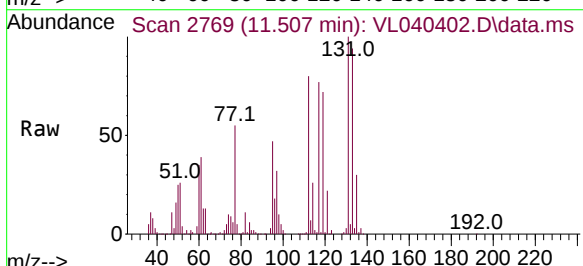
Tgt Ion:131 Resp: 1217751

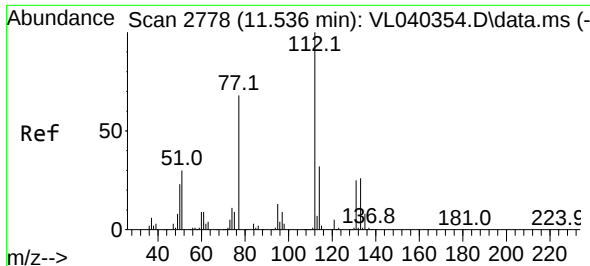
Ion Ratio Lower Upper

131 100

133 94.6 75.3 112.9

119 59.7 53.9 80.9

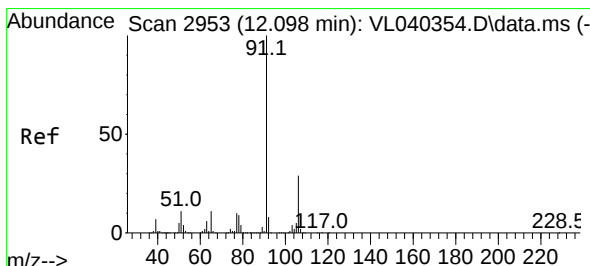
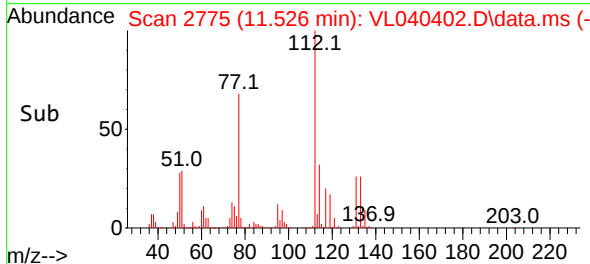
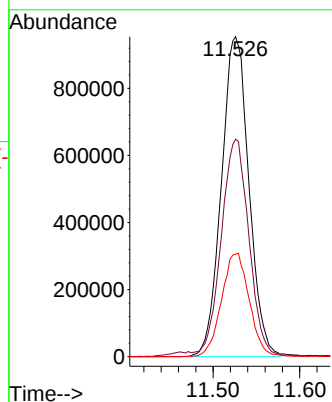
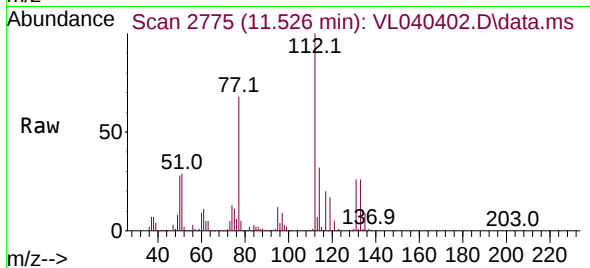




#57
Chlorobenzene
Concen: 7.882 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

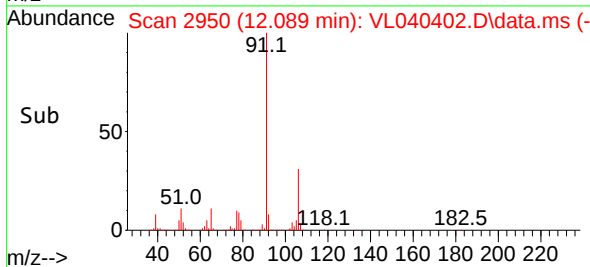
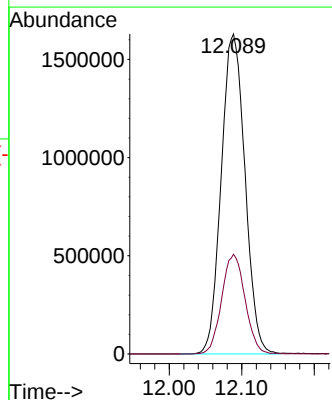
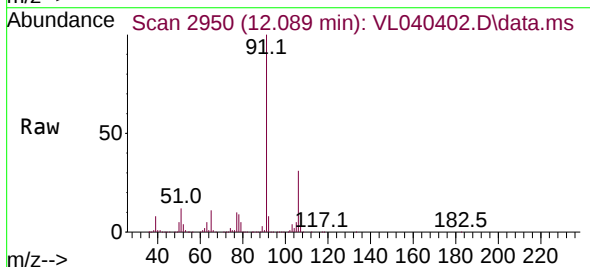
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

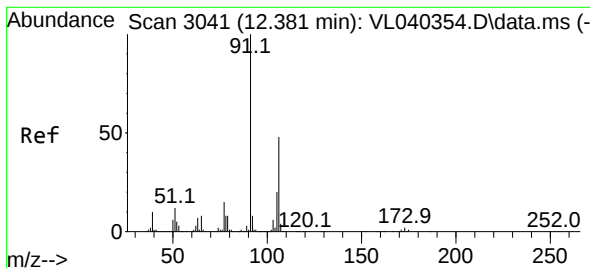
Tgt Ion:112 Resp: 2103461
Ion Ratio Lower Upper
112 100
77 67.1 55.8 83.8
114 32.1 29.1 35.5



#58
Ethyl Benzene
Concen: 8.837 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 91 Resp: 3704781
Ion Ratio Lower Upper
91 100
106 31.1 23.5 35.3

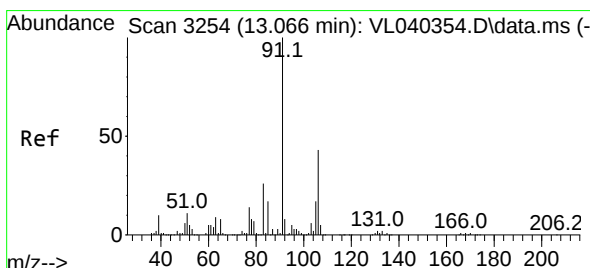
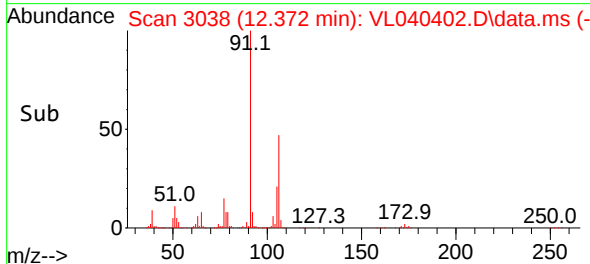
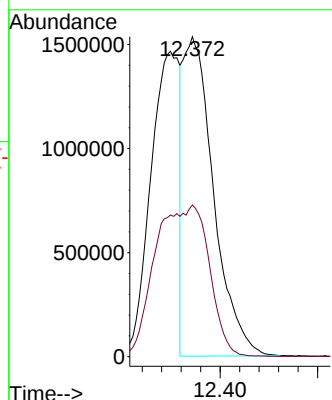
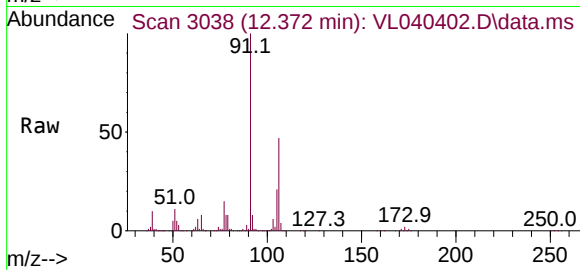




#59
m/p-Xylene
Concen: 8.620 ppbv
RT: 12.372 min Scan# 3041
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

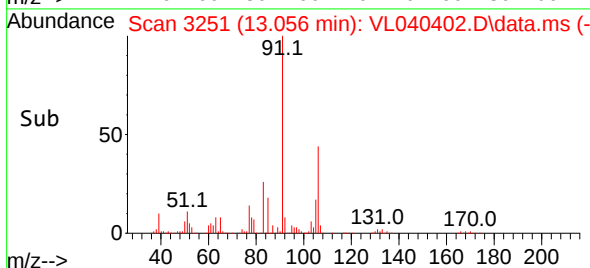
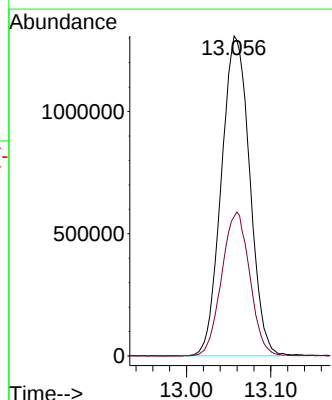
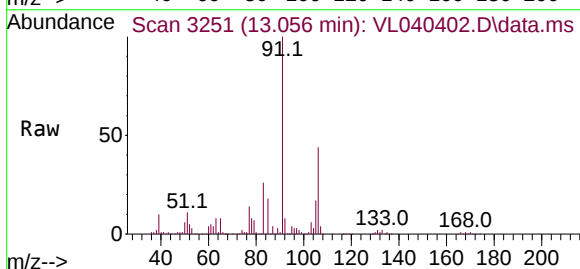
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

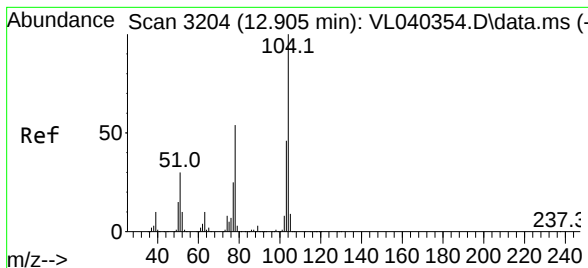
Tgt Ion: 91 Resp: 3323345
Ion Ratio Lower Upper
91 100
106 84.7 34.7 52.1#



#60
o-Xylene
Concen: 8.238 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 91 Resp: 3048155
Ion Ratio Lower Upper
91 100
106 44.8 21.9 65.8





#61

Styrene

Concen: 9.741 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

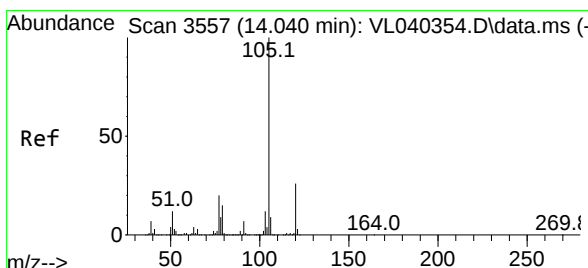
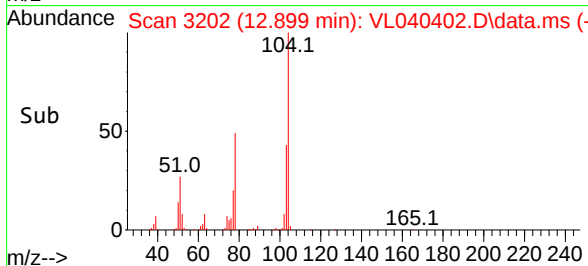
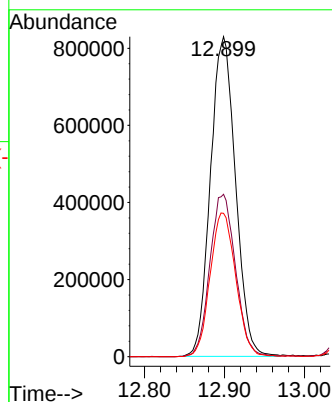
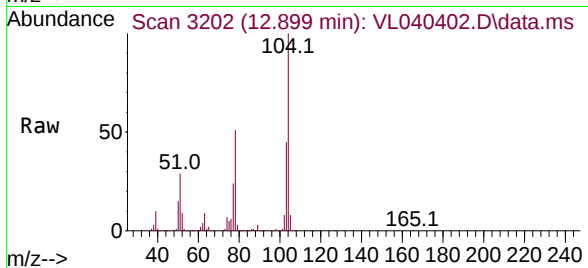
Tgt Ion:104 Resp: 1805585

Ion Ratio Lower Upper

104 100

78 52.1 43.4 65.0

103 46.2 37.0 55.4



#62

Isopropylbenzene

Concen: 8.102 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. -0.009 min

Lab File: VL040402.D

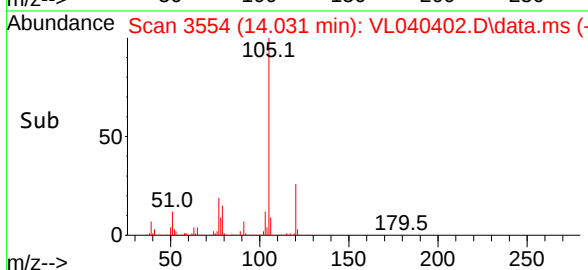
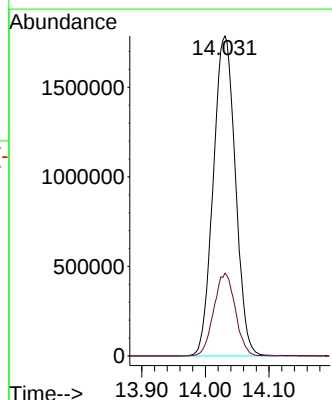
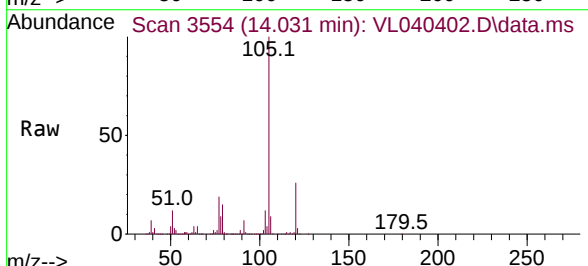
Acq: 11 May 2023 16:03

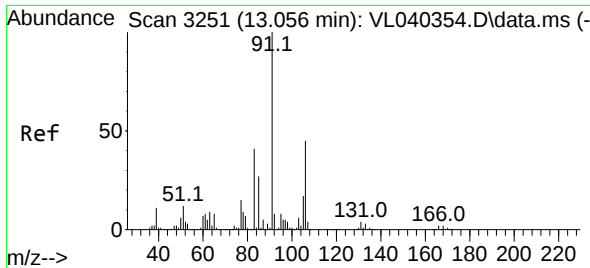
Tgt Ion:105 Resp: 4317284

Ion Ratio Lower Upper

105 100

120 25.2 19.9 29.9

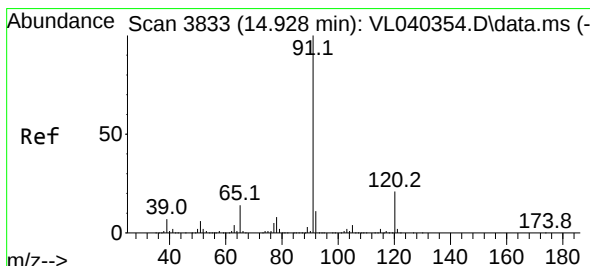
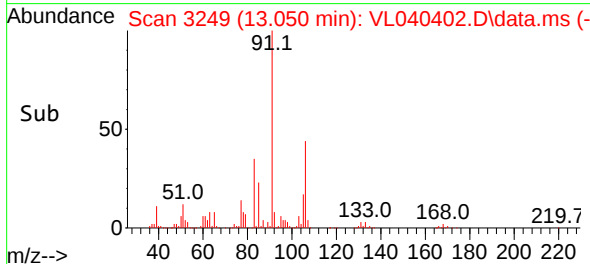
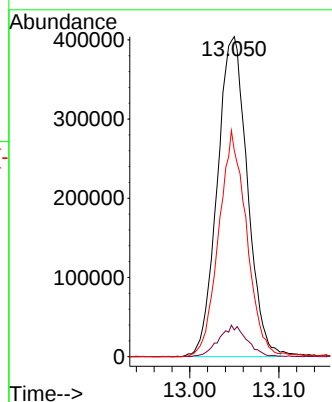
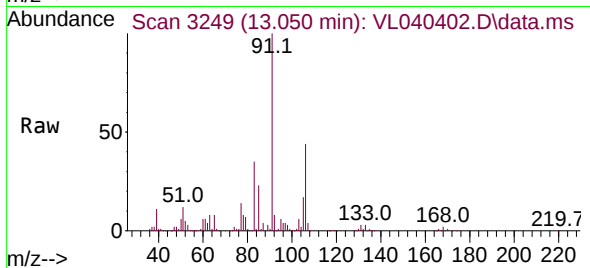




#63
1,1,2,2-Tetrachloroethane
Concen: 6.982 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

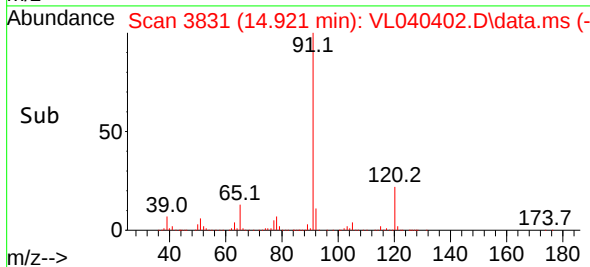
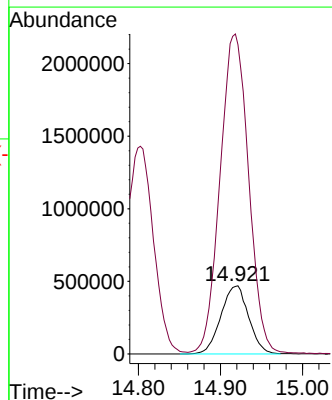
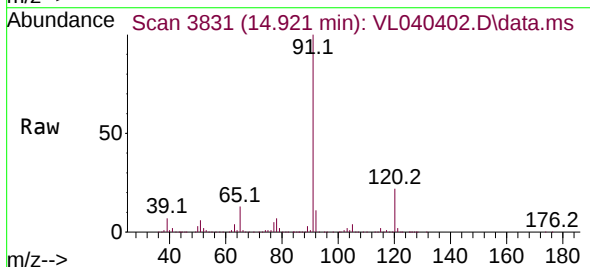
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

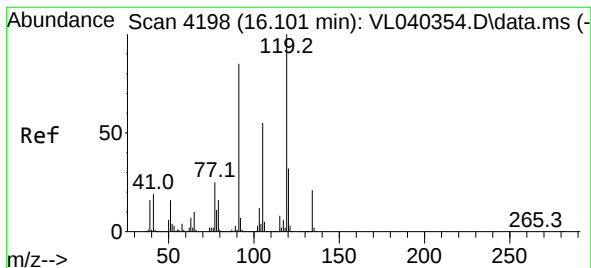
Tgt Ion: 83 Resp: 945419
Ion Ratio Lower Upper
83 100
131 9.3 4.3 13.1
85 66.3 32.9 98.6



#64
n-propylbenzene
Concen: 8.402 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:120 Resp: 1101681
Ion Ratio Lower Upper
120 100
91 483.8 397.4 596.0





#65

tert-Butylbenzene

Concen: 8.048 ppbv

RT: 16.092 min Scan# 41

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

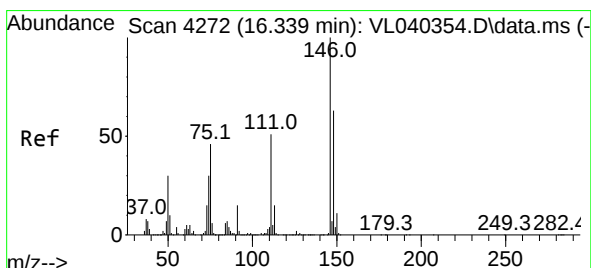
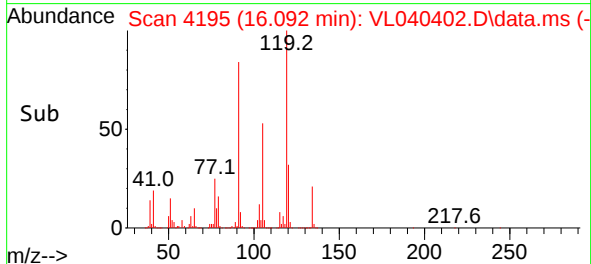
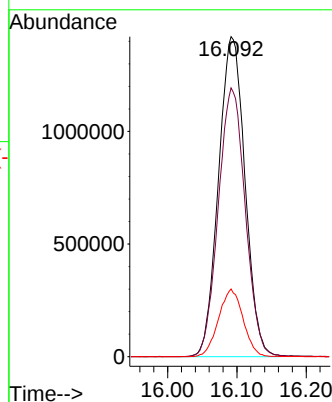
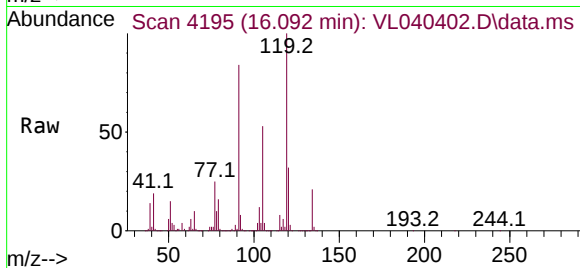
Tgt Ion:119 Resp: 3773326

Ion Ratio Lower Upper

119 100

91 85.5 70.1 105.1

134 19.7 15.6 23.4



#66

Benzyl Chloride

Concen: 9.163 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

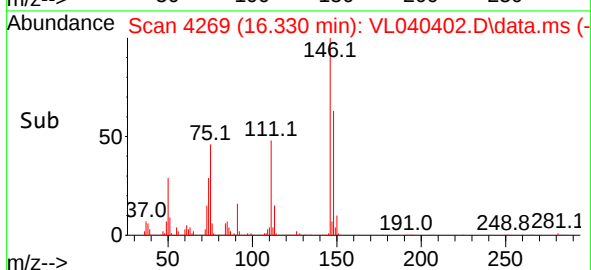
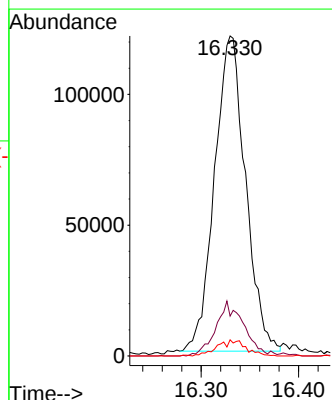
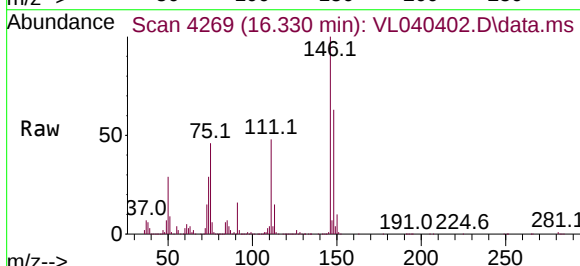
Tgt Ion: 91 Resp: 265998

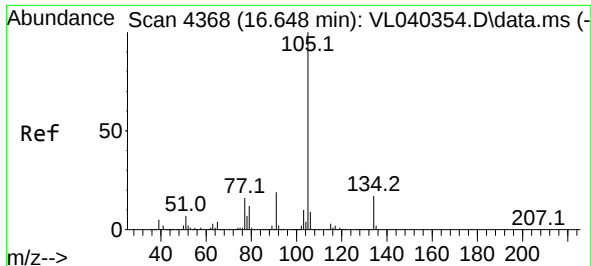
Ion Ratio Lower Upper

91 100

126 16.0 12.3 18.5

128 4.8 4.1 6.1

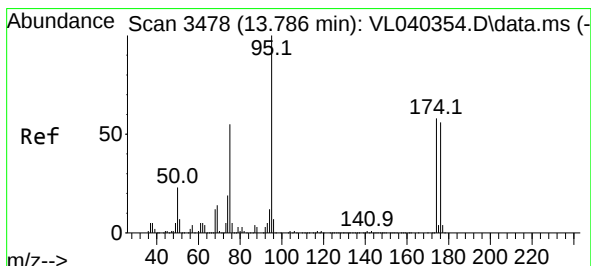
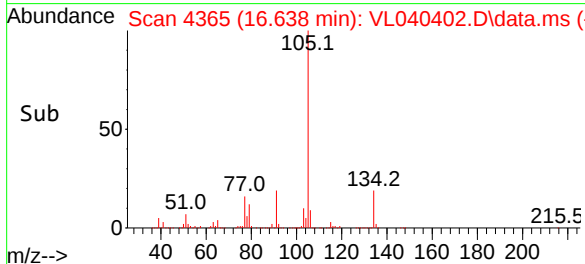
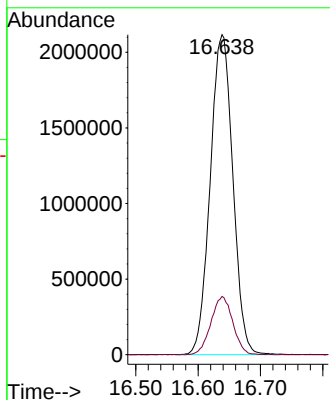
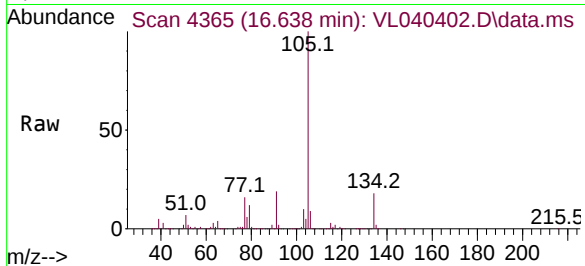




#67
 sec-Butylbenzene
 Concen: 7.915 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

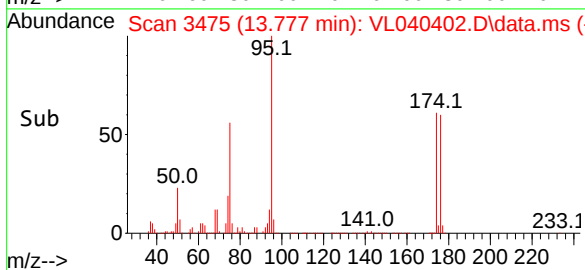
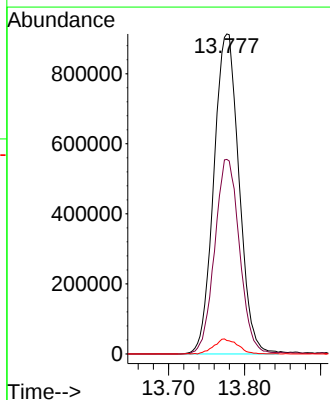
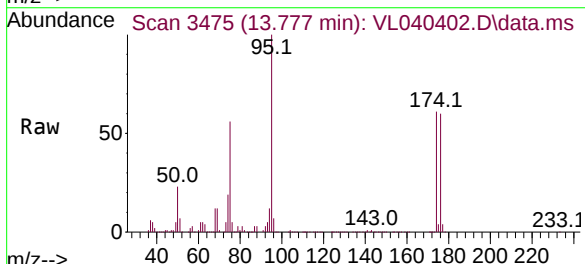
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0511ABS01

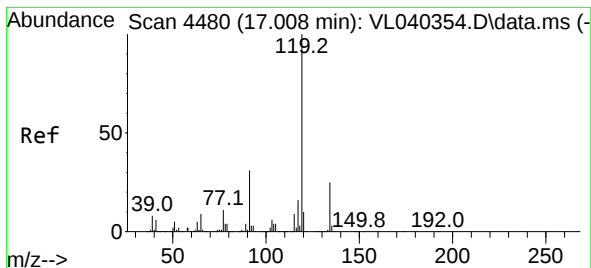
Tgt Ion:105 Resp: 5330251
 Ion Ratio Lower Upper
 105 100
 134 17.6 13.8 20.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.458 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.009 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion: 95 Resp: 2101963
 Ion Ratio Lower Upper
 95 100
 174 60.3 47.2 70.8
 175 4.5 3.5 5.3





#69

p-Isopropyltoluene

Concen: 8.170 ppbv

RT: 16.995 min Scan# 4480

Delta R.T. -0.013 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

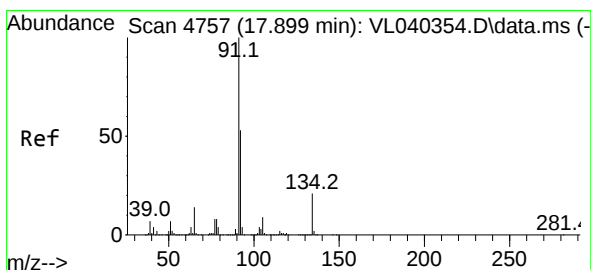
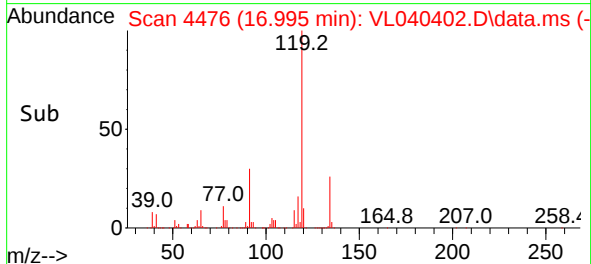
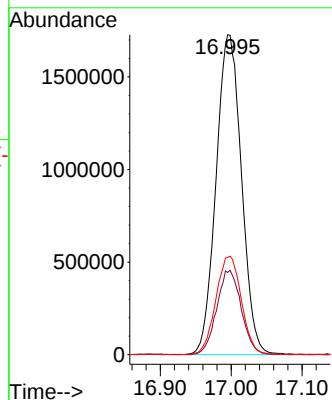
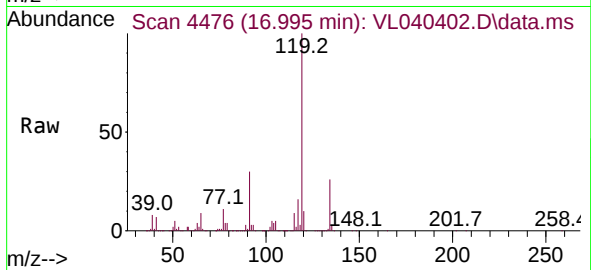
Tgt Ion:119 Resp: 4296273

Ion Ratio Lower Upper

119 100

134 25.6 20.2 30.4

91 30.8 25.7 38.5



#70

n-Butylbenzene

Concen: 7.985 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

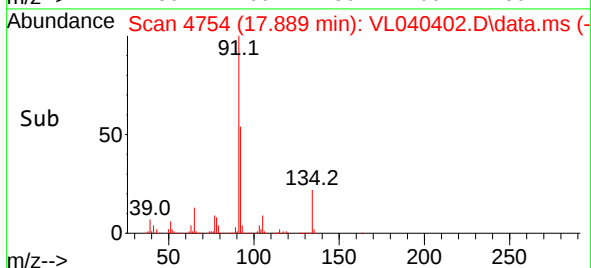
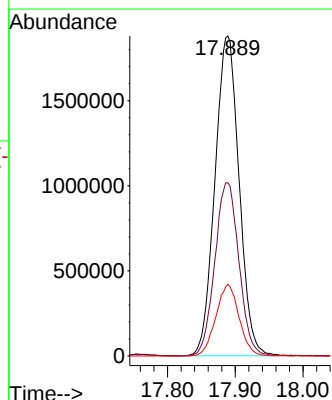
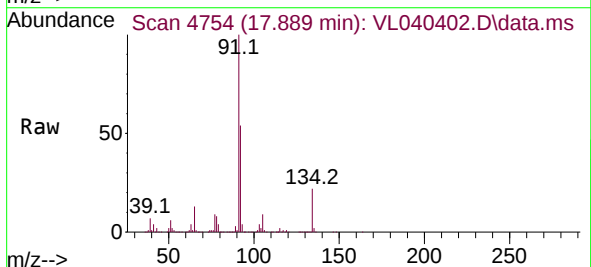
Tgt Ion: 91 Resp: 4654551

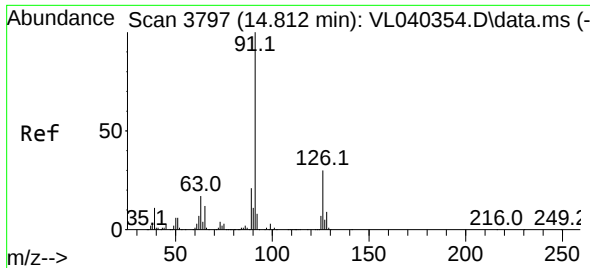
Ion Ratio Lower Upper

91 100

92 54.1 43.0 64.4

134 21.6 16.6 25.0

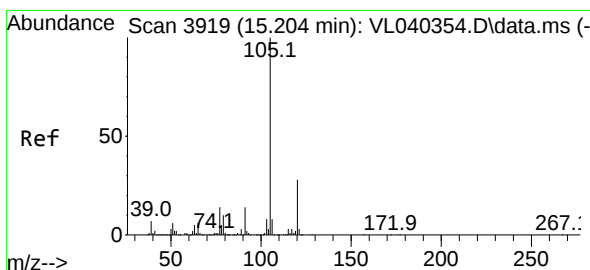
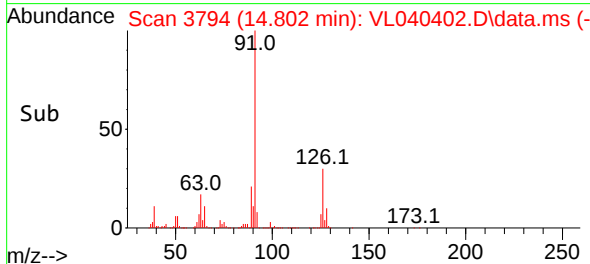
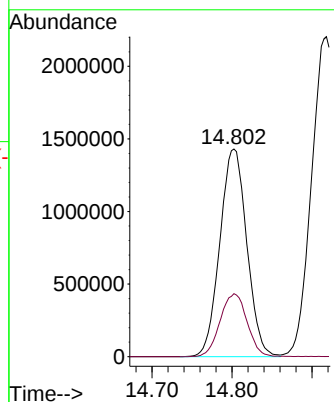
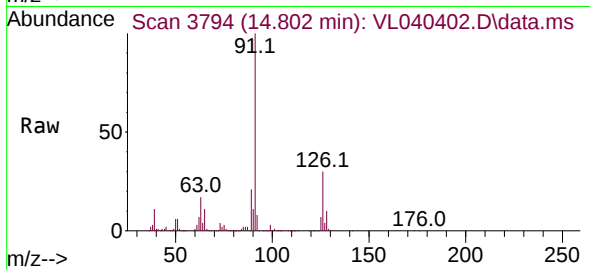




#71
2-Chlorotoluene
Concen: 8.182 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

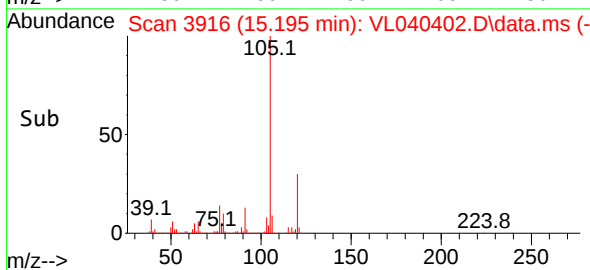
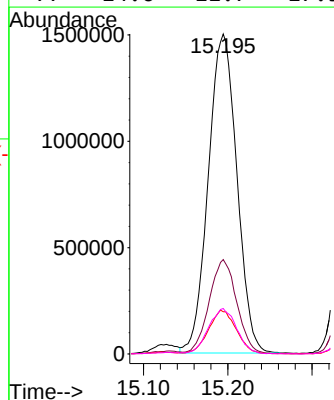
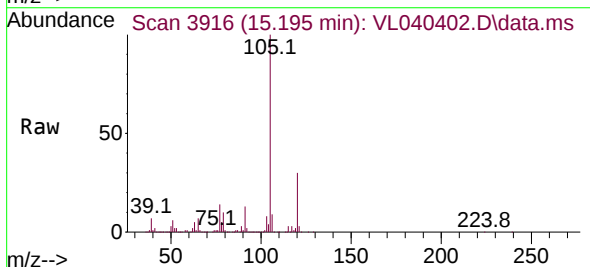
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

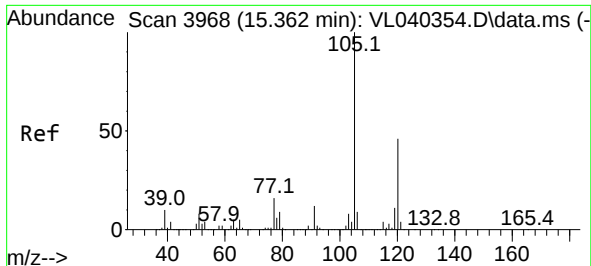
Tgt Ion: 91 Resp: 3347414
Ion Ratio Lower Upper
91 100
126 30.4 11.8 47.4



#72
4-Ethyltoluene
Concen: 8.653 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 105 Resp: 3534544
Ion Ratio Lower Upper
105 100
120 29.6 23.0 34.6
91 13.3 11.3 16.9
77 14.6 11.7 17.5

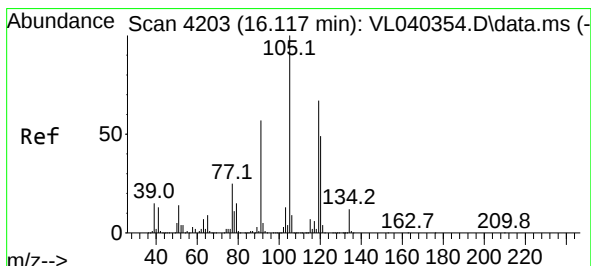
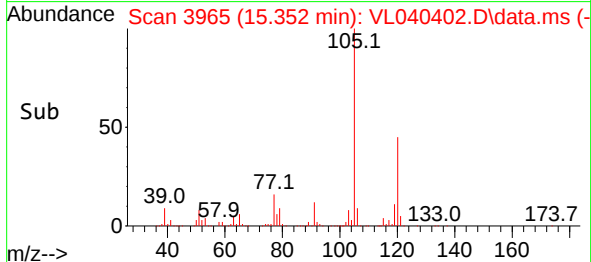
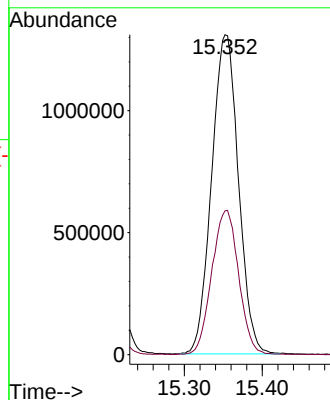
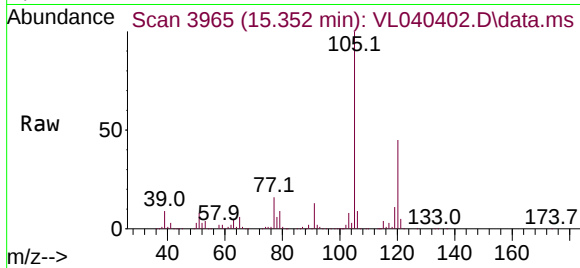




#73
 1,3,5-Trimethylbenzene
 Concen: 8.285 ppbv
 RT: 15.352 min Scan# 3965
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

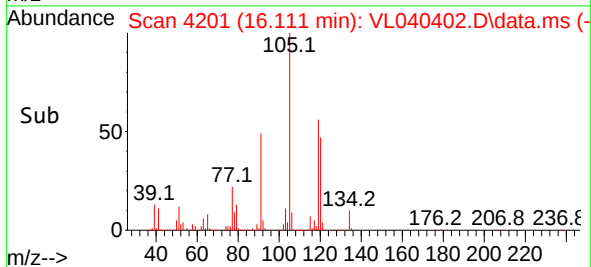
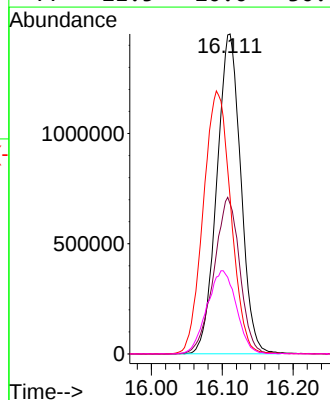
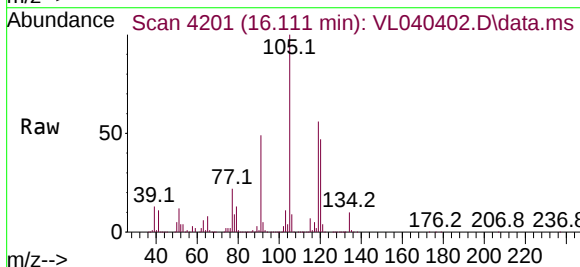
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

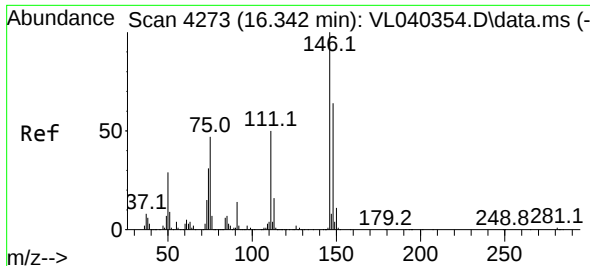
Tgt Ion:105 Resp: 3126200
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 7.896 ppbv
 RT: 16.111 min Scan# 4201
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Tgt Ion:105 Resp: 3405455
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.9 58.3
 91 48.6 46.0 69.0
 77 21.5 20.0 30.0

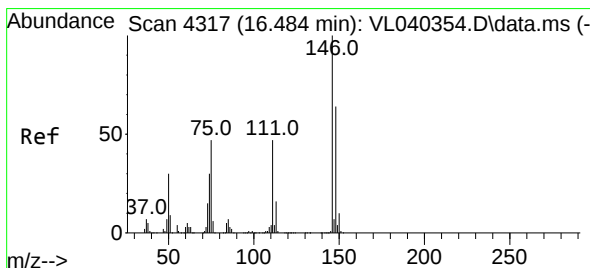
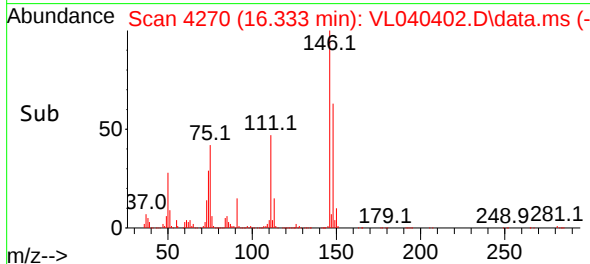
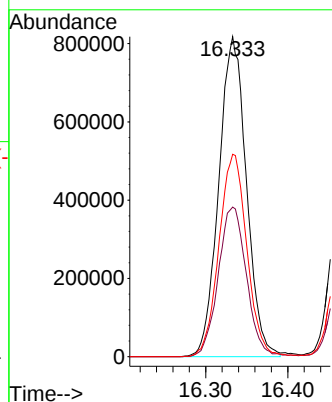
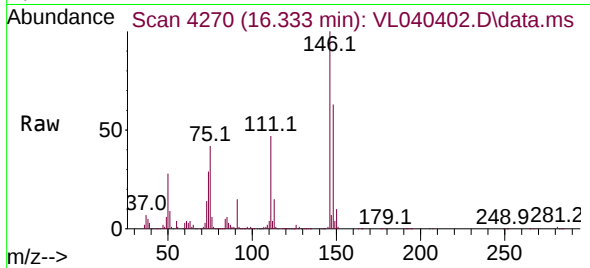




#75
1,3-Dichlorobenzene
Concen: 8.095 ppbv
RT: 16.333 min Scan# 4315
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

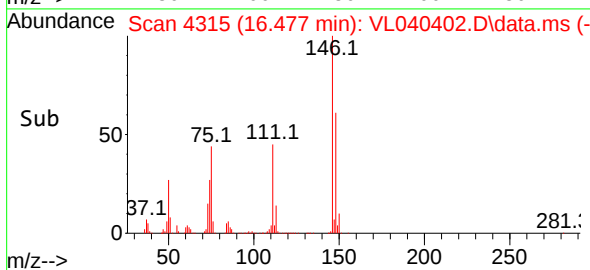
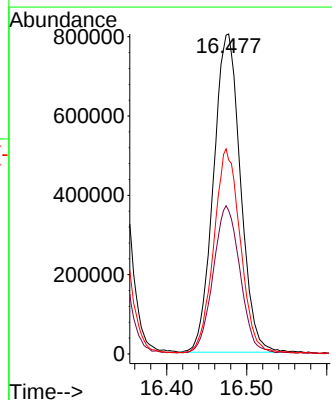
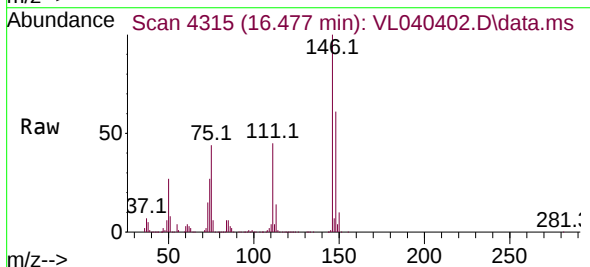
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

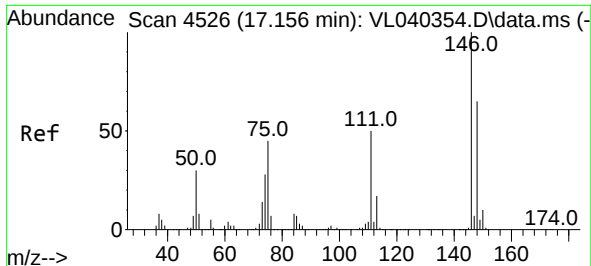
Tgt Ion:146 Resp: 1912310
Ion Ratio Lower Upper
146 100
111 47.8 24.6 74.0
148 64.1 32.1 96.3



#76
1,4-Dichlorobenzene
Concen: 8.049 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:146 Resp: 1878645
Ion Ratio Lower Upper
146 100
111 46.5 23.8 71.4
148 64.1 32.4 97.2

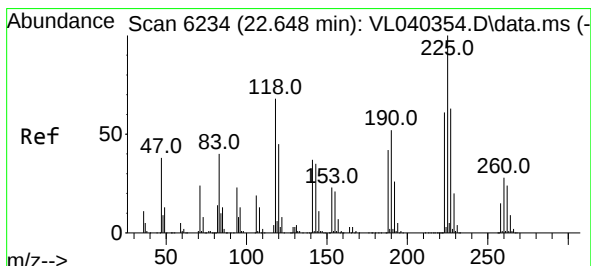
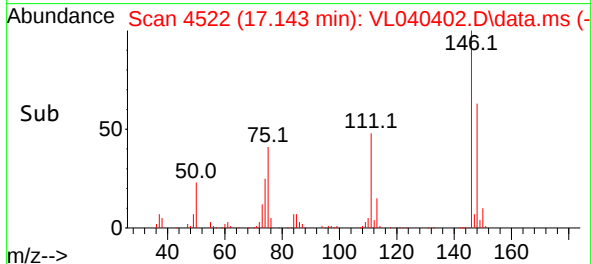
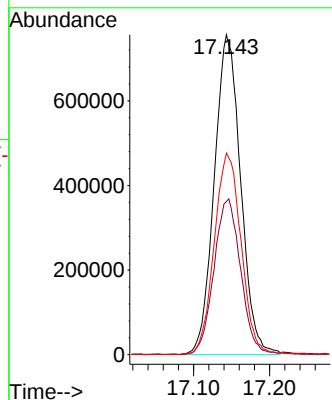
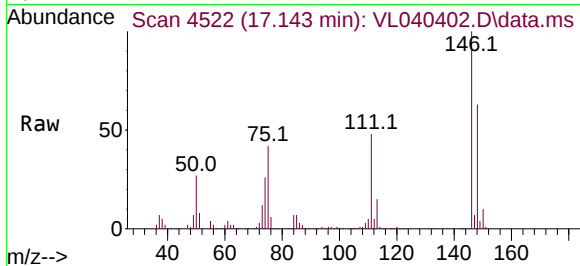




#77
1,2-Dichlorobenzene
Concen: 7.784 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

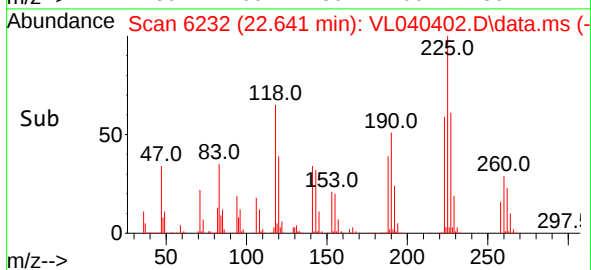
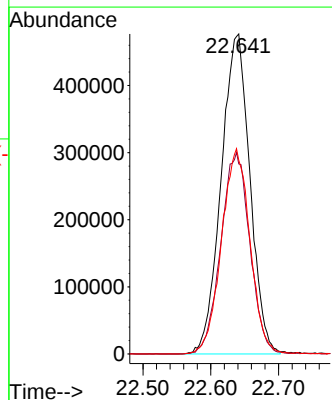
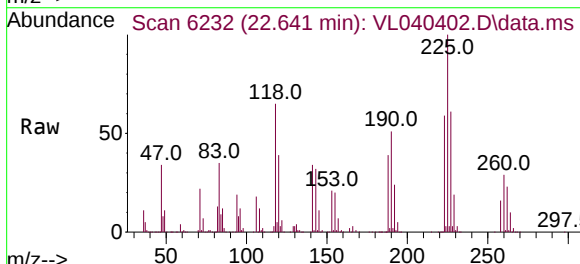
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

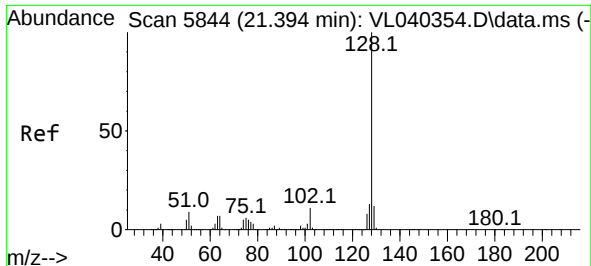
Tgt Ion:146 Resp: 1818231
Ion Ratio Lower Upper
146 100
111 49.7 25.4 76.0
148 64.7 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.503 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:225 Resp: 1405145
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 63.8 51.0 76.4

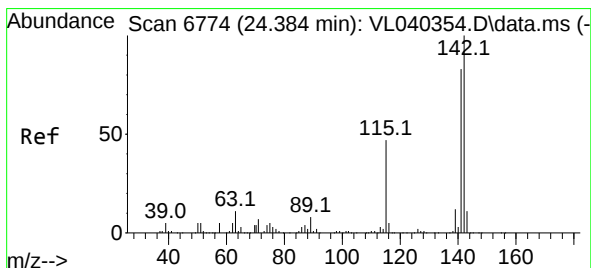
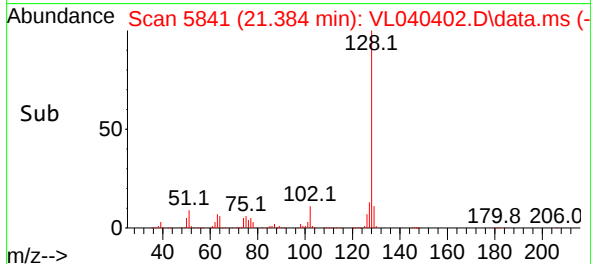
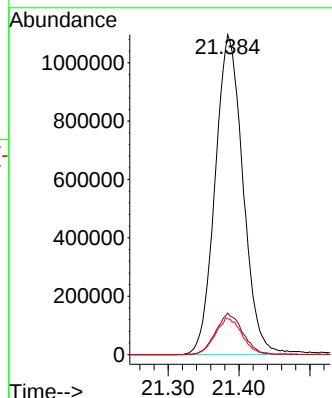
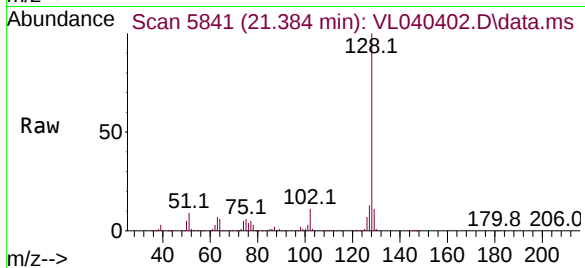




#79
Naphthalene
Concen: 10.211 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

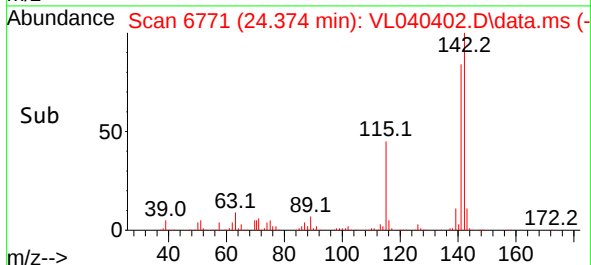
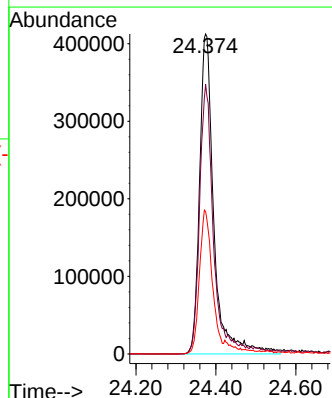
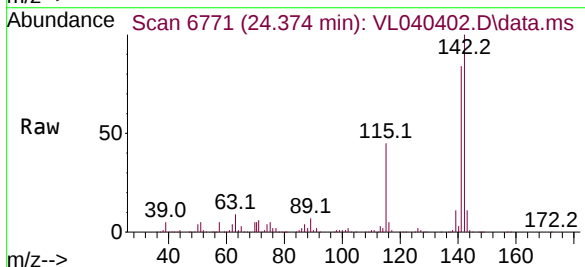
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

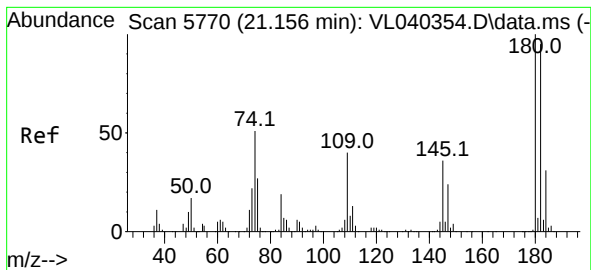
Tgt Ion:128 Resp: 2972627
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.2 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 11.857 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

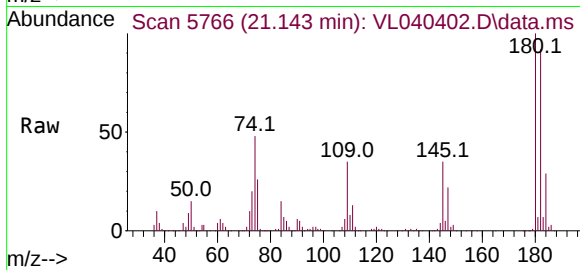
Tgt Ion:142 Resp: 1027556
Ion Ratio Lower Upper
142 100
141 83.8 65.1 97.7
115 43.8 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 8.574 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



Tgt Ion:180 Resp: 1533899
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.7 116.5
 184 31.1 24.2 36.2

