

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040130.D
 Acq On : 30 Jan 2023 13:24
 Operator : SY/MD
 Sample : VL0130ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	920219	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2503524	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2444616	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1896866	9.336	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	1662815	10.305	ppbv	100
3) Chlorodifluoromethane	2.658	51	1079890	9.784	ppbv	96
4) Chloromethane	2.796	50	708723	10.389	ppbv	99
5) Vinyl Chloride	2.902	62	591941	10.235	ppbv	98
6) Bromomethane	3.102	94	200973	9.523	ppbv	99
7) Chloroethane	3.182	64	214888	9.721	ppbv	97
8) Dichlorotetrafluoroethane	2.838	85	1456715	9.671	ppbv	99
9) Propene	2.677	41	476279	10.386	ppbv	99
10) Heptane	7.571	43	1172620	11.095	ppbv	98
11) Trichlorofluoromethane	3.546	101	1451754	9.016	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.050	101	1099823	9.085	ppbv	96
13) Ethanol	3.227	45	28656	6.789	ppbv	94
14) Bromoethene	3.349	108	433242	9.641	ppbv	95
15) Acetone	3.452	43	1035826	9.386	ppbv	98
16) 1,3-Butadiene	2.967	39	529602	10.293	ppbv	99
17) tert-Butyl alcohol	3.861	59	1077286	10.482	ppbv	100
18) 1,1-Dichloroethene	3.864	96	489883	9.314	ppbv	95
19) Isopropyl Alcohol	3.558	45	534424	9.897	ppbv #	96
20) Methylene Chloride	3.915	84	405956	8.338	ppbv	95
21) Allyl Chloride	3.983	41	742075	10.472	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	534075	9.938	ppbv	94
23) Vinyl Acetate	4.610	43	385288	10.770	ppbv #	98
24) 1,1-Dichloroethane	4.549	63	1059182	9.777	ppbv	100
25) Ethyl Acetate	5.189	43	2147274	11.044	ppbv	100
26) Hexane	5.198	57	918306	10.792	ppbv	98
27) Carbon Disulfide	4.108	76	1286029	11.667	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1003781	10.486	ppbv	100
29) Chloroform	5.263	83	1502634	11.045	ppbv	98
30) Cyclohexane	6.587	84	803623	11.881	ppbv	93
31) cis-1,2-Dichloroethene	5.066	61	824564	10.010	ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	1504850	10.883	ppbv	99
34) 2-Butanone	4.771	43	1189958	10.049	ppbv	99
35) Carbon Tetrachloride	6.481	117	1603497	11.328	ppbv	98
36) Benzene	6.359	78	2013480	10.868	ppbv	97
37) 1,2-Dichloroethane	5.793	62	1154534	9.695	ppbv	98
38) Trichloroethene	7.282	130	1169479	11.122	ppbv	97
39) 1,2-Dichloropropane	7.063	63	764920	10.555	ppbv	93
40) 1,4-Dioxane	7.275	88	305893	10.636	ppbv	98
41) Tetrahydrofuran	5.542	42	762560	11.157	ppbv	97
42) Bromodichloromethane	7.240	83	1735303	10.792	ppbv	98
43) Methyl Methacrylate	7.465	69	799584	11.761	ppbv	95
44) 2,2,4-Trimethylpentane	7.317	57	3235881	10.503	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	797947	13.162	ppbv	97

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

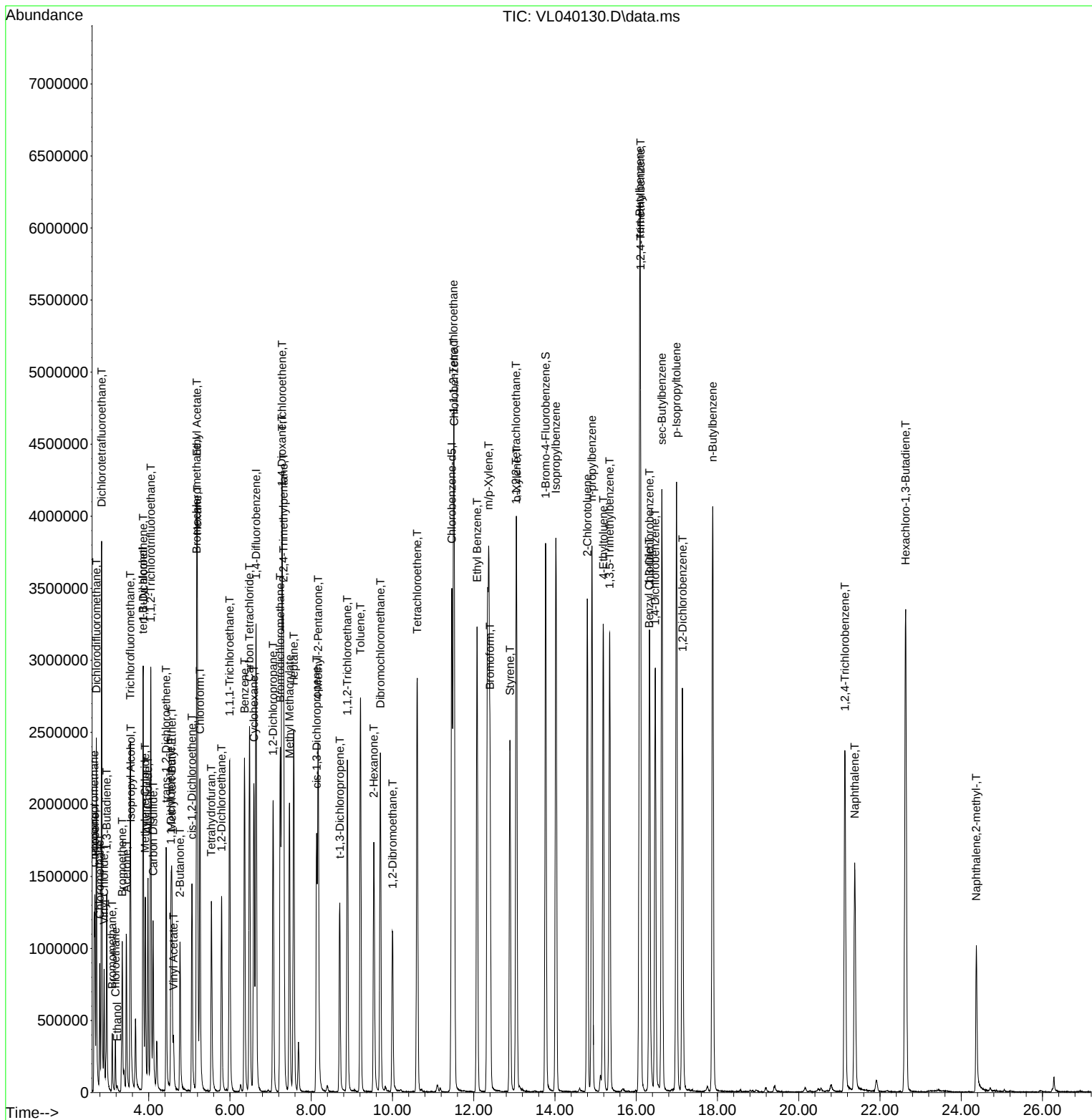
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 ClientSampleId :

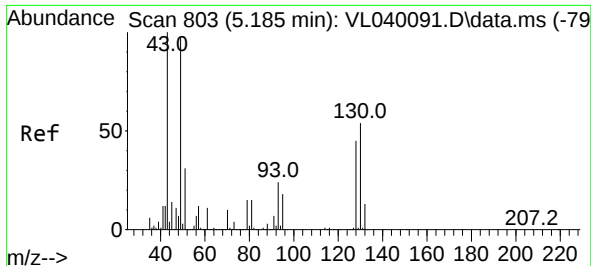
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1063037	12.832	ppbv	96
47) 1,1,2-Trichloroethane	8.889	97	830672	10.887	ppbv	100
48) Dibromochloromethane	9.703	129	1470113	11.989	ppbv	99
49) Bromoform	12.400	173	1183138	12.525	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	1998945	10.732	ppbv	98
51) 2-Hexanone	9.542	43	1594156	11.297	ppbv #	96
52) Tetrachloroethene	10.610	164	689409	11.375	ppbv	99
53) Toluene	9.211	91	2295779	11.618	ppbv	99
54) 1,2-Dibromoethane	10.005	107	946837	11.854	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.503	131	1020571	10.726	ppbv	98
57) Chlorobenzene	11.520	112	1783785	10.705	ppbv	94
58) Ethyl Benzene	12.082	91	3109801	11.399	ppbv	96
59) m/p-Xylene	12.365	91	2589538	10.557	ppbv #	26
60) o-Xylene	13.056	91	2498769	10.732	ppbv	98
61) Styrene	12.892	104	1499825	12.362	ppbv	98
62) Isopropylbenzene	14.024	105	3509841	10.481	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	832268	9.845	ppbv	99
64) n-propylbenzene	14.912	120	914595	10.986	ppbv	94
65) tert-Butylbenzene	16.085	119	3065352	10.691	ppbv	97
66) Benzyl Chloride	16.320	91	248506	12.682	ppbv #	92
67) sec-Butylbenzene	16.632	105	4277990	10.525	ppbv	99
69) p-Isopropyltoluene	16.992	119	3518187	11.014	ppbv	99
70) n-Butylbenzene	17.883	91	3693410	10.722	ppbv	99
71) 2-Chlorotoluene	14.799	91	2731588	10.606	ppbv	98
72) 4-Ethyltoluene	15.188	105	2890605	11.188	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2521926	10.841	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	2721876	10.563	ppbv	99
75) 1,3-Dichlorobenzene	16.326	146	1549624	10.828	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1499250	10.654	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1443936	10.550	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	976296	9.739	ppbv	99
79) Naphthalene	21.378	128	2038146	13.807	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	698200	14.037	ppbv	95
81) 1,2,4-Trichlorobenzene	21.140	180	1042664	11.460	ppbv	100

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

Quant Time: Jan 31 05:11:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

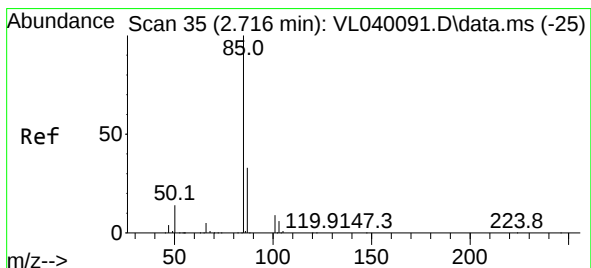
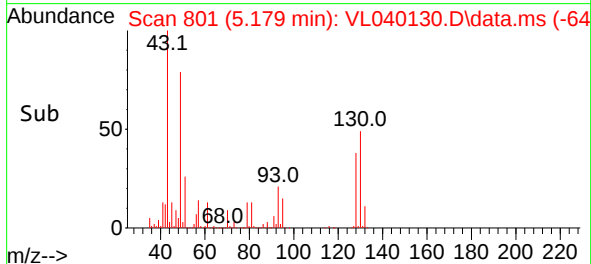
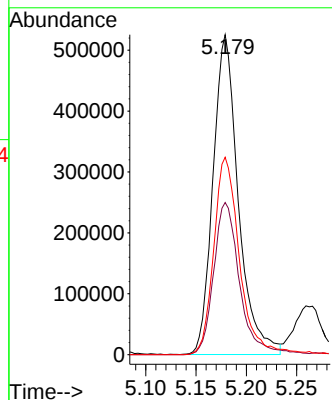
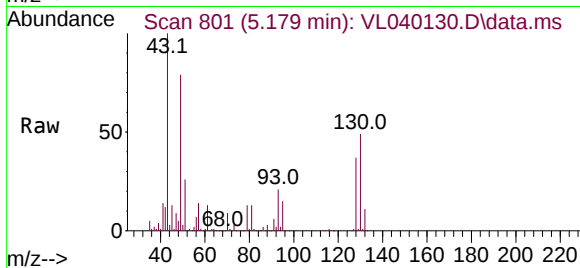




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

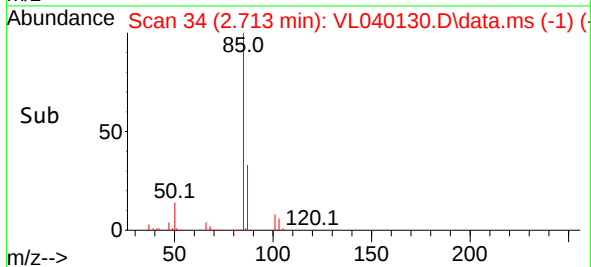
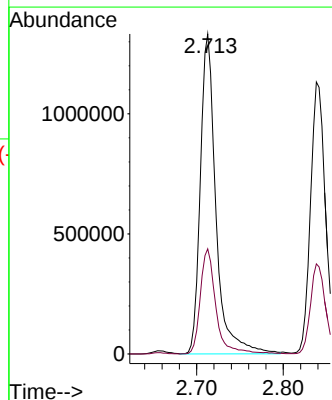
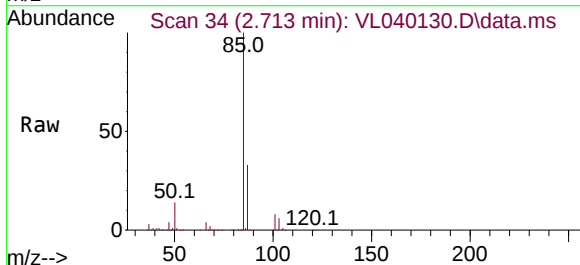
Instrument :
MSVOA_L
ClientSampleId :

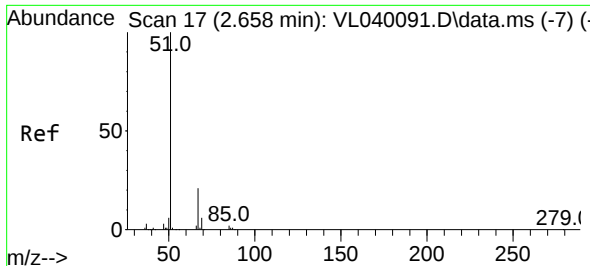
Tgt Ion: 49 Resp: 920219
Ion Ratio Lower Upper
49 100
128 49.5 23.6 71.0
130 63.9 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 10.305 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 85 Resp: 1662815
Ion Ratio Lower Upper
85 100
87 32.8 26.5 39.7

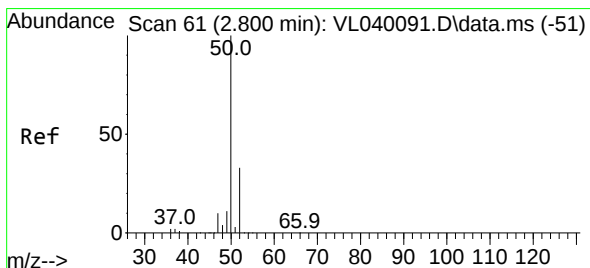
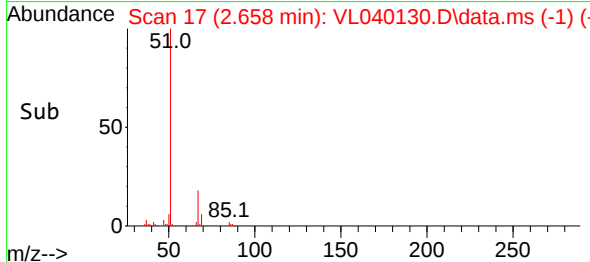
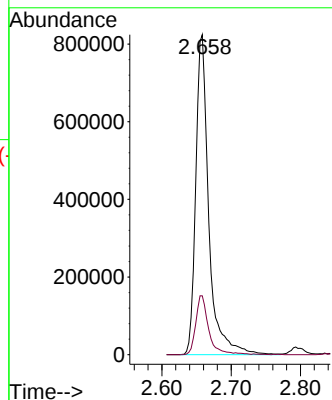
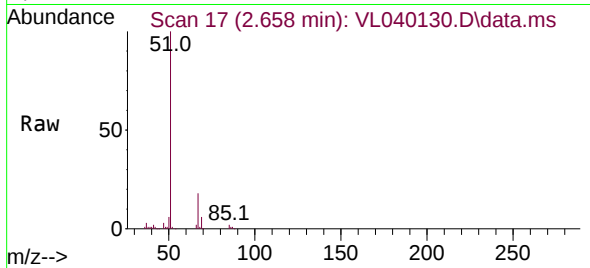




#3
Chlorodifluoromethane
Concen: 9.784 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

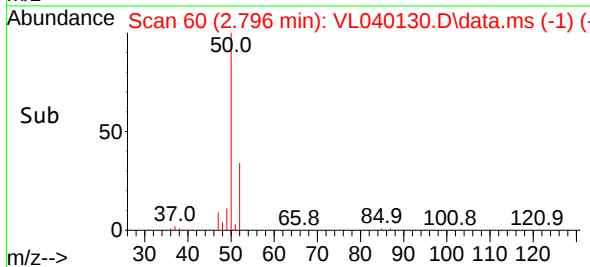
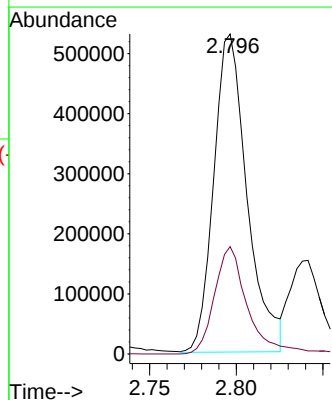
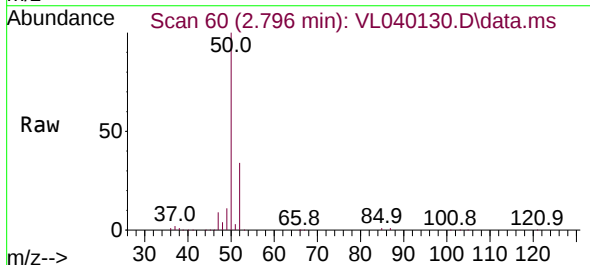
Instrument :
MSVOA_L
ClientSampleId :

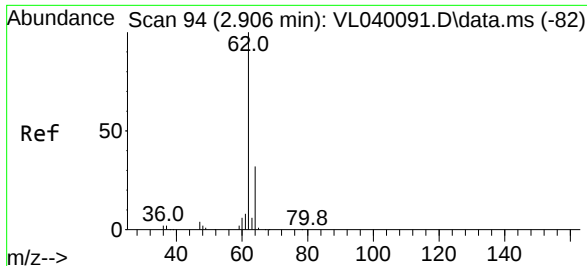
Tgt Ion: 51 Resp: 1079890
Ion Ratio Lower Upper
51 100
67 18.5 16.4 24.6



#4
Chloromethane
Concen: 10.389 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 50 Resp: 708723
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

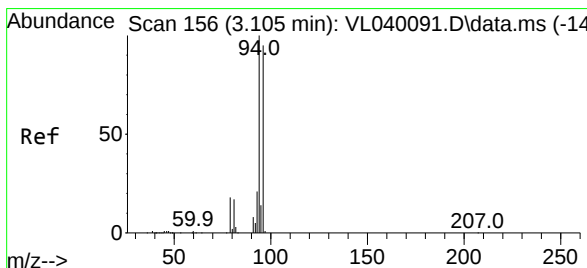
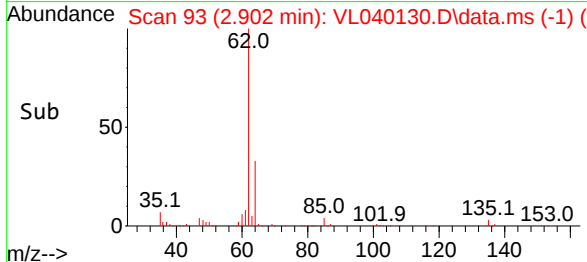
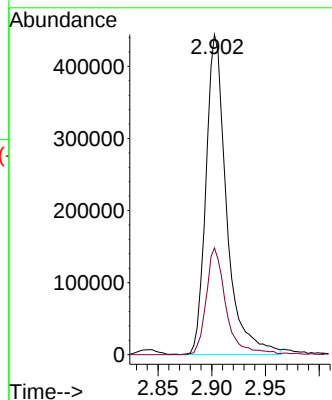
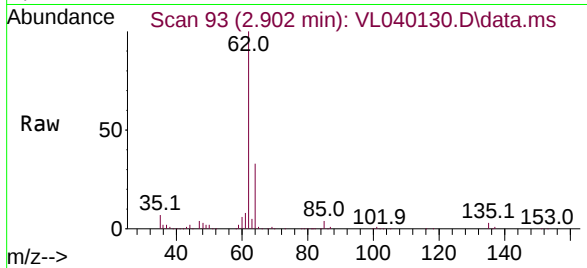




#5
 Vinyl Chloride
 Concen: 10.235 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

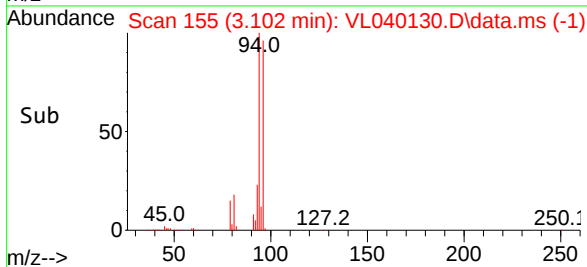
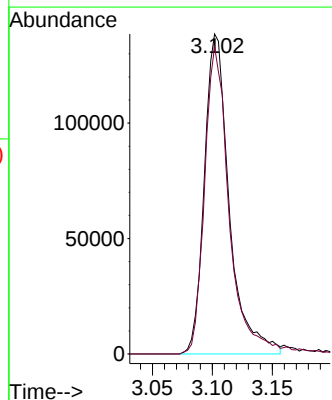
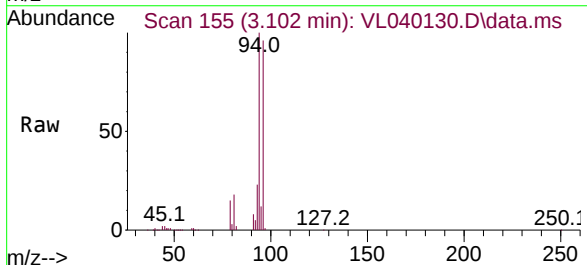
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 62 Resp: 591941
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.8 38.6



#6
 Bromomethane
 Concen: 9.523 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

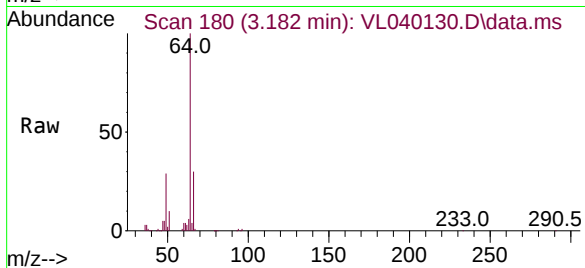
Tgt Ion: 94 Resp: 200973
 Ion Ratio Lower Upper
 94 100
 96 96.0 76.2 114.2



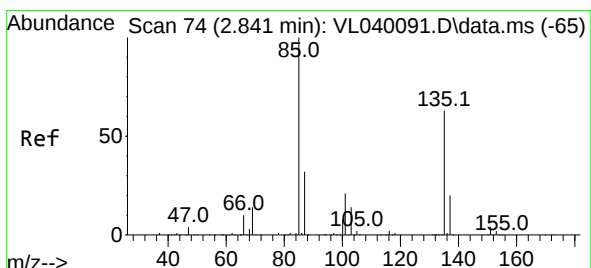
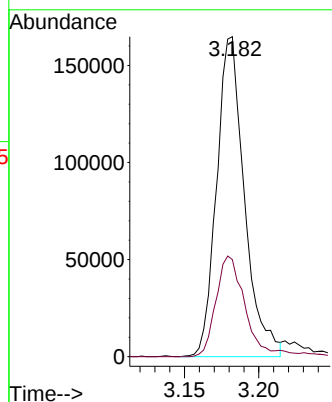
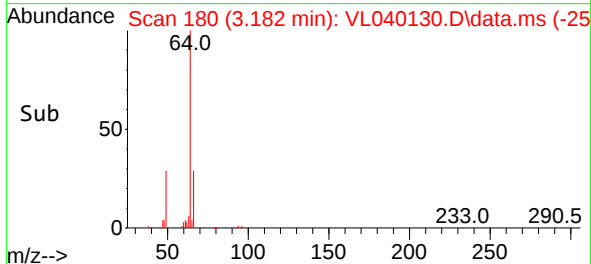


#7
Chloroethane
Concen: 9.721 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :

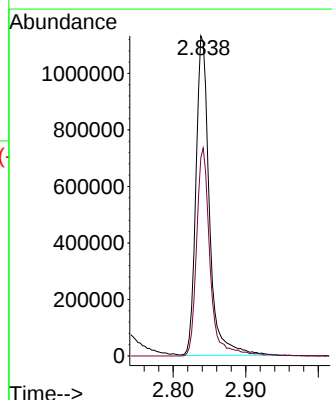
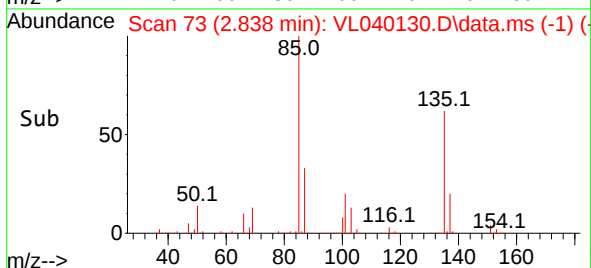
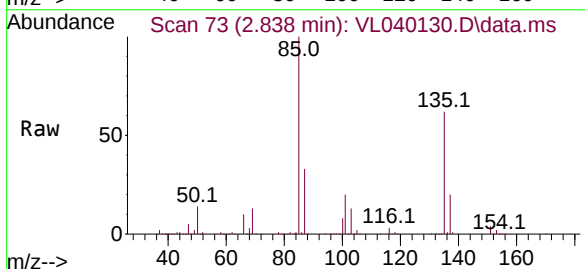


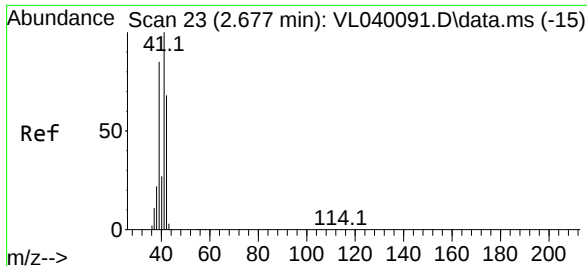
Tgt Ion: 64 Resp: 214888
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.671 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 85 Resp: 1456715
Ion Ratio Lower Upper
85 100
135 65.5 51.4 77.2

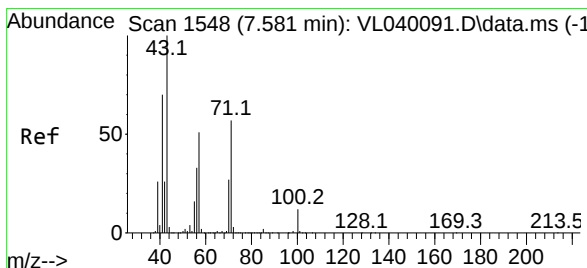
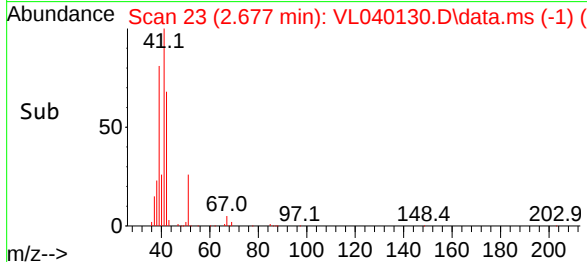
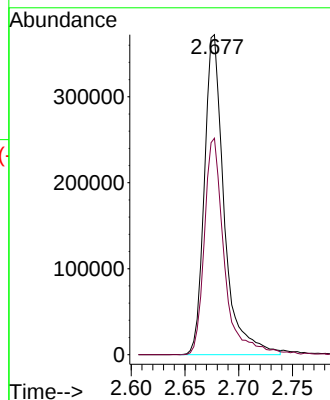
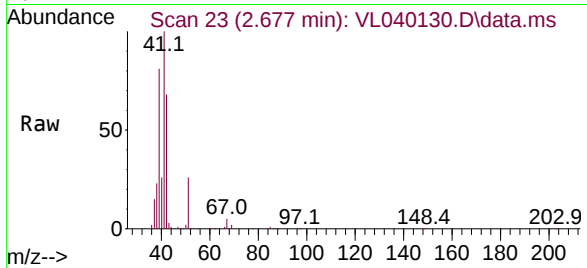




#9
 Propene
 Concen: 10.386 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

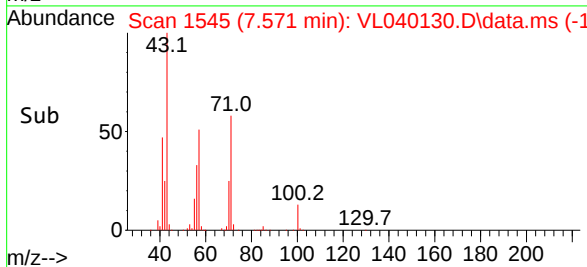
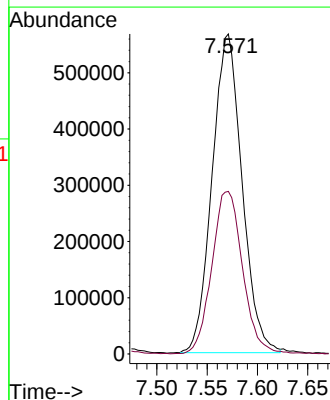
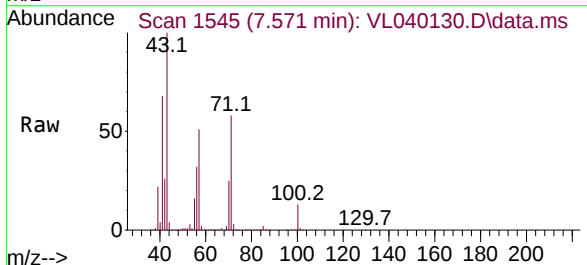
Instrument :
 MSVOA_L
 ClientSampleId :

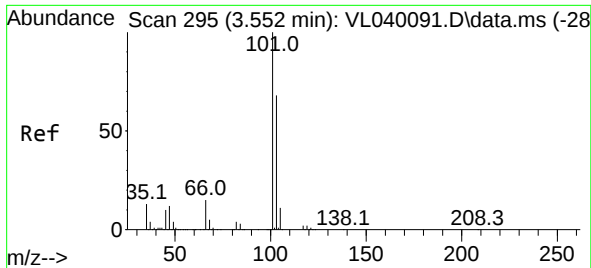
Tgt Ion: 41 Resp: 476279
 Ion Ratio Lower Upper
 41 100
 42 68.8 55.6 83.4



#10
 Heptane
 Concen: 11.095 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.010 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 43 Resp: 1172620
 Ion Ratio Lower Upper
 43 100
 57 52.5 40.9 61.3

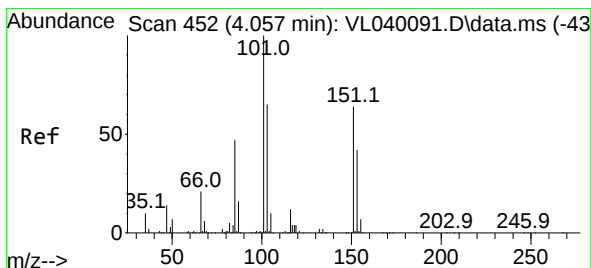
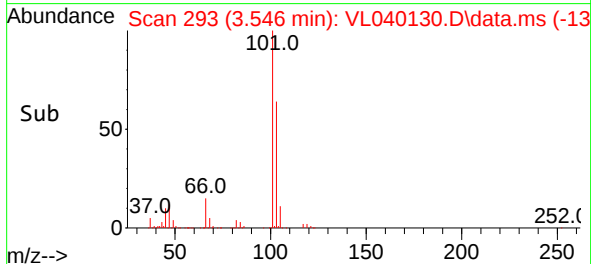
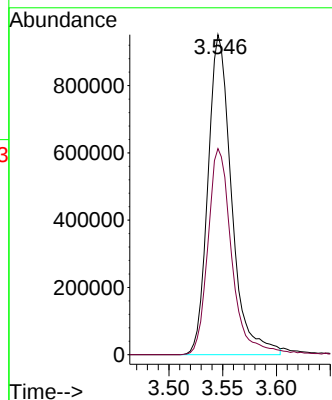
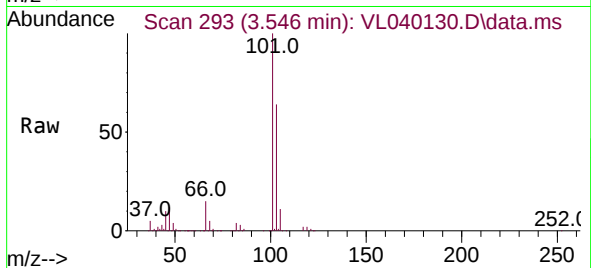




#11
 Trichlorofluoromethane
 Concen: 9.016 ppbv
 RT: 3.546 min Scan# 295
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

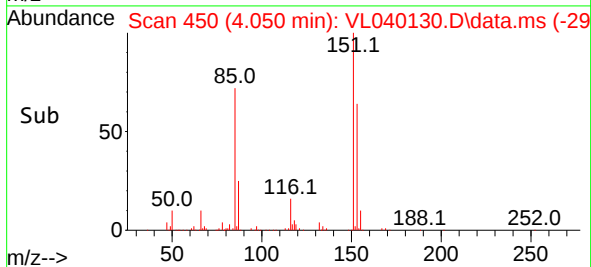
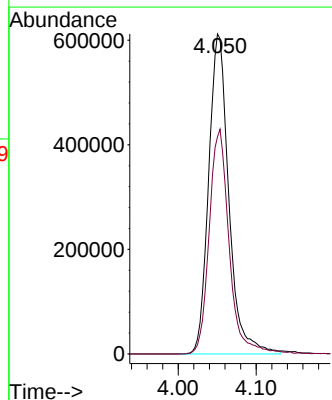
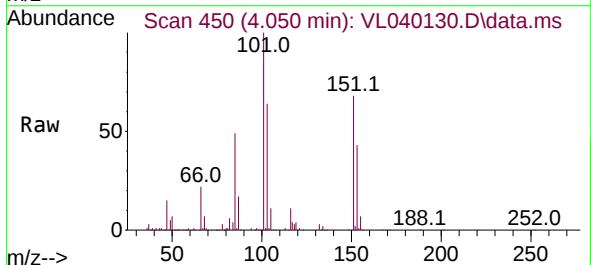
Instrument :
 MSVOA_L
 ClientSampleId :

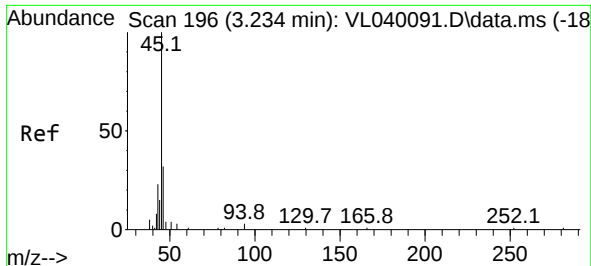
Tgt Ion:101 Resp: 1451754
 Ion Ratio Lower Upper
 101 100
 103 64.4 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.085 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion:101 Resp: 1099823
 Ion Ratio Lower Upper
 101 100
 151 69.8 53.2 79.8





#13

Ethanol

Concen: 6.789 ppbv

RT: 3.227 min Scan# 194

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

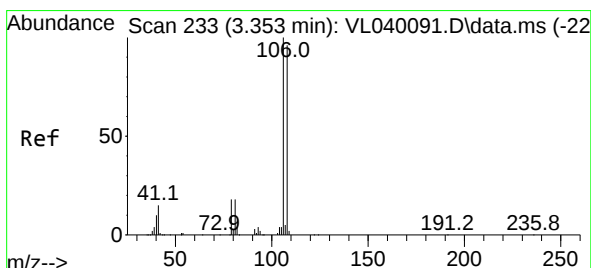
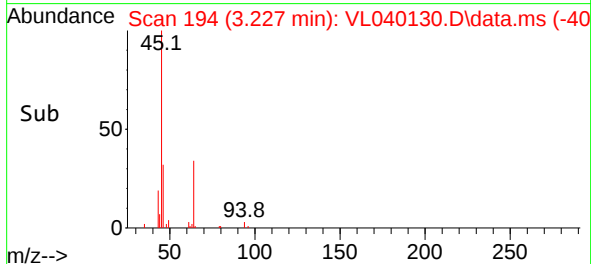
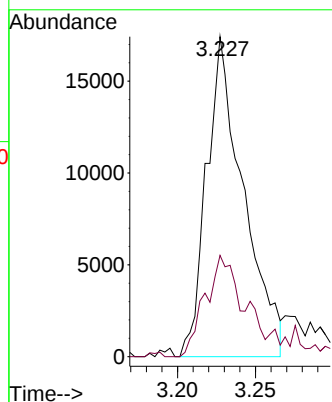
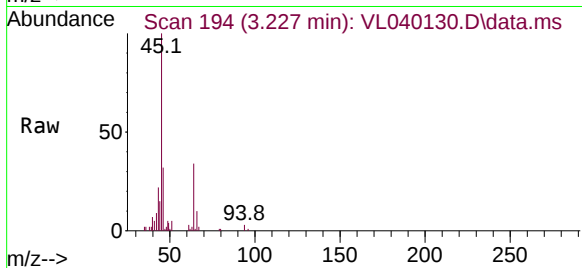
ClientSampleId :

Tgt Ion: 45 Resp: 28656

Ion Ratio Lower Upper

45 100

46 40.6 14.8 59.2



#14

Bromoethene

Concen: 9.641 ppbv

RT: 3.349 min Scan# 232

Delta R.T. -0.003 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

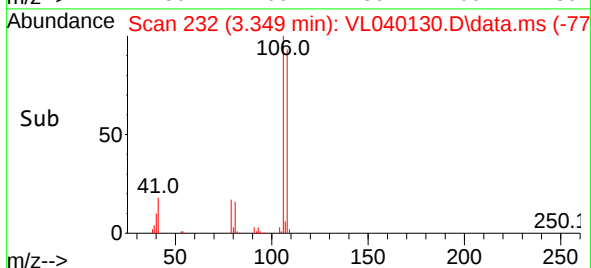
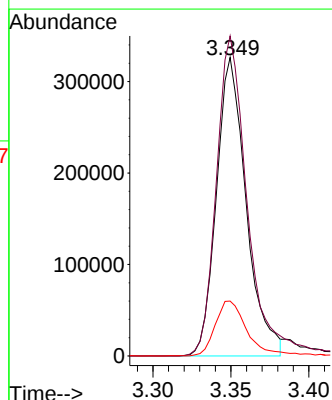
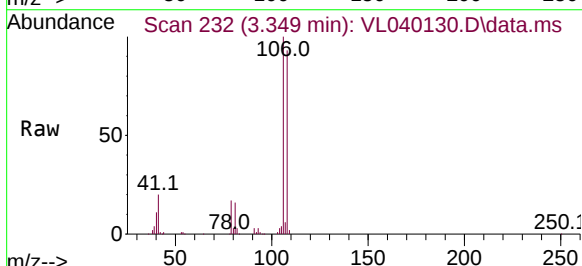
Tgt Ion: 108 Resp: 433242

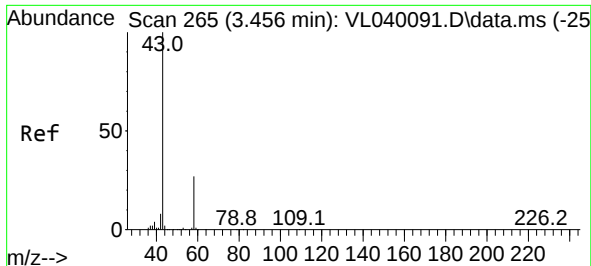
Ion Ratio Lower Upper

108 100

106 114.4 87.0 130.6

79 20.2 16.1 24.1

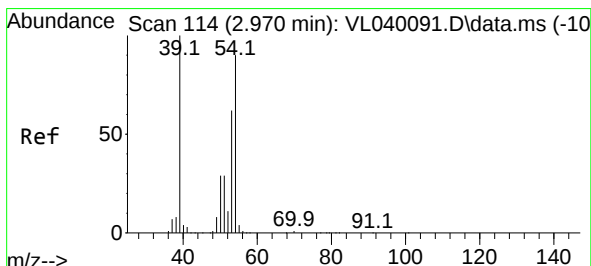
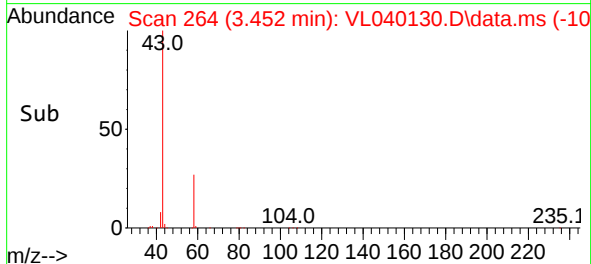
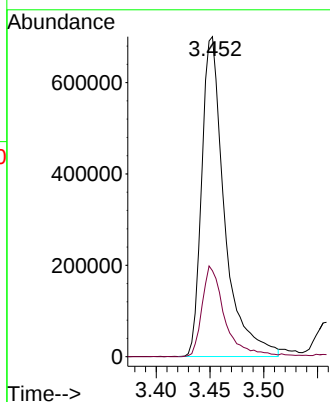
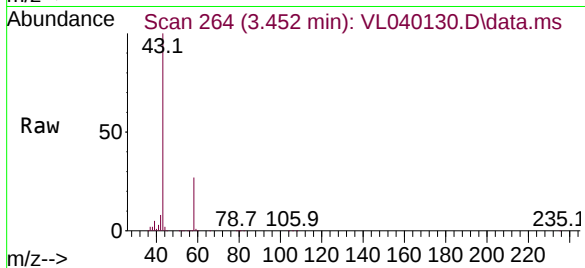




#15
Acetone
Concen: 9.386 ppbv
RT: 3.452 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

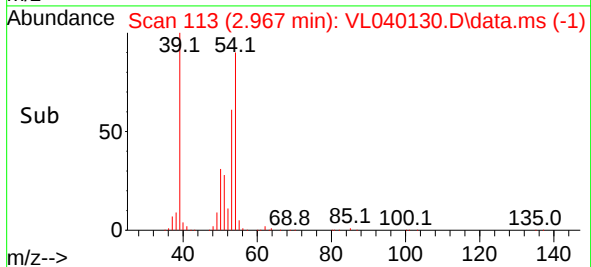
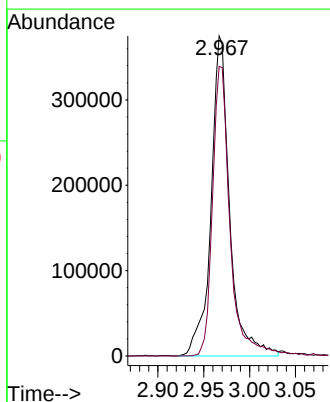
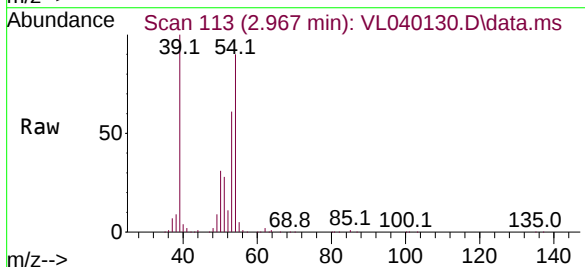
Instrument :
MSVOA_L
ClientSampleId :

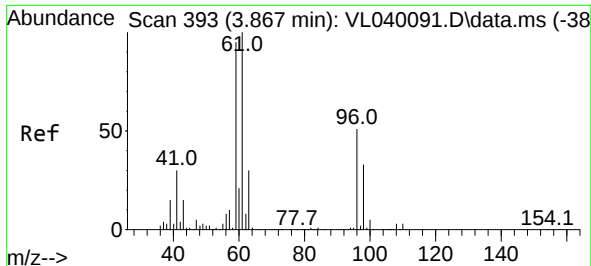
Tgt Ion: 43 Resp: 1035826
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.8



#16
1,3-Butadiene
Concen: 10.293 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 39 Resp: 529602
Ion Ratio Lower Upper
39 100
54 85.8 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.482 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

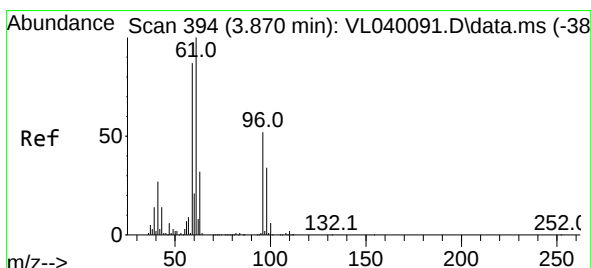
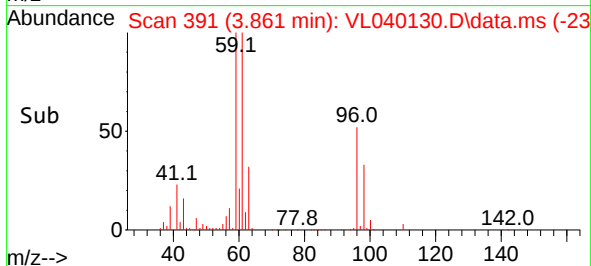
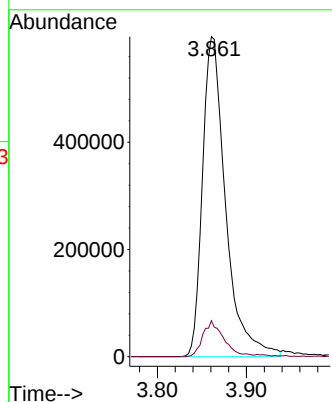
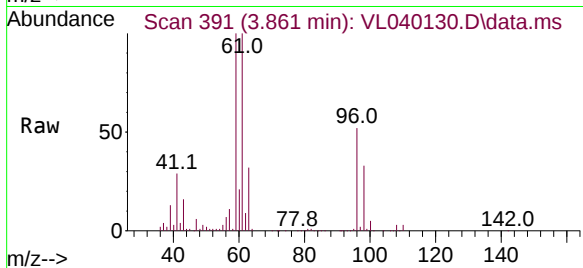
ClientSampleId :

Tgt Ion: 59 Resp: 1077286

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.314 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

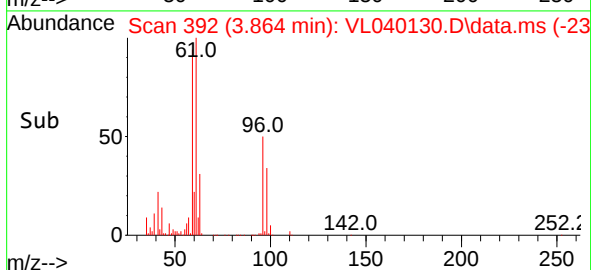
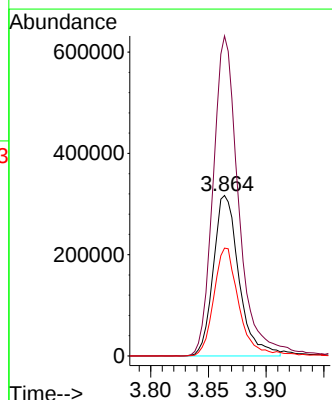
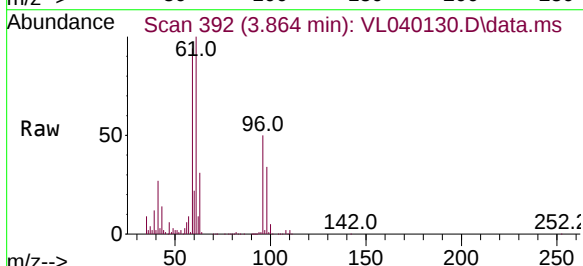
Tgt Ion: 96 Resp: 489883

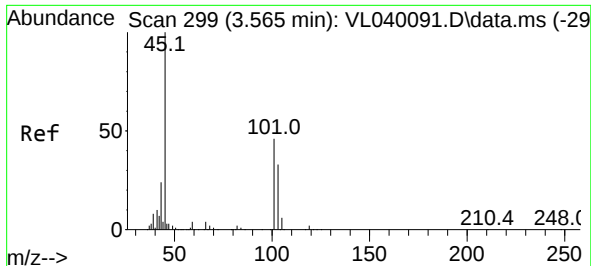
Ion Ratio Lower Upper

96 100

61 199.4 153.0 229.4

98 67.2 52.7 79.1





#19

Isopropyl Alcohol

Concen: 9.897 ppbv

RT: 3.558 min Scan# 299

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

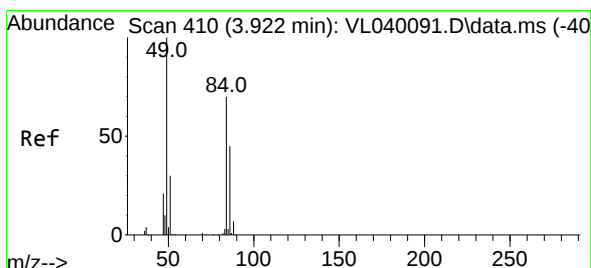
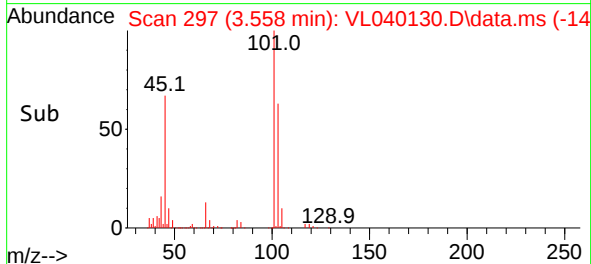
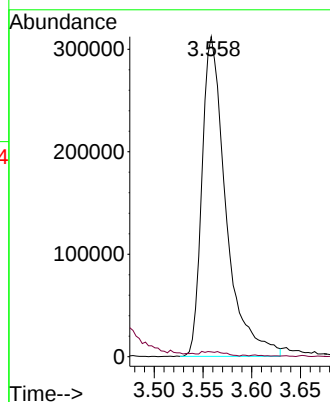
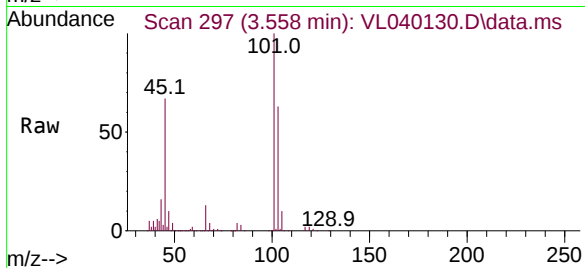
ClientSampleId :

Tgt Ion: 45 Resp: 534424

Ion Ratio Lower Upper

45 100

58 1.9 2.6 4.0#



#20

Methylene Chloride

Concen: 8.338 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Tgt Ion: 84 Resp: 405956

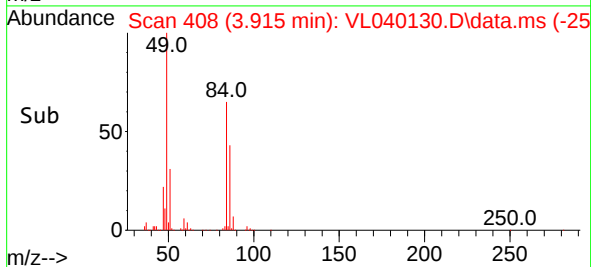
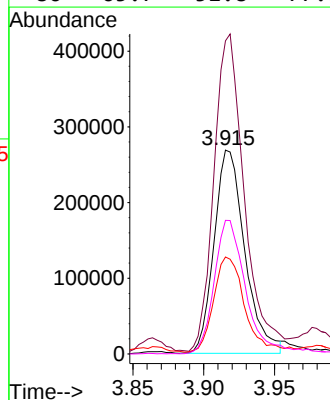
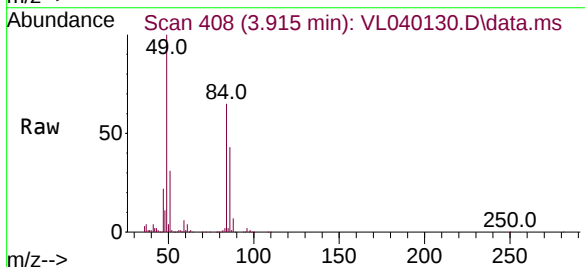
Ion Ratio Lower Upper

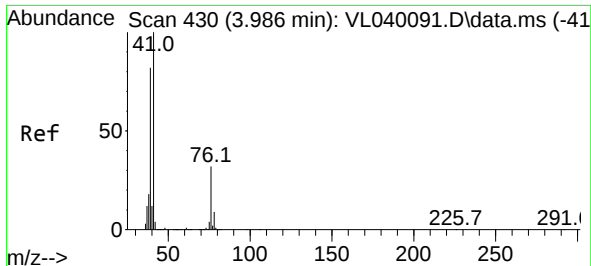
84 100

49 152.2 114.6 171.8

51 46.5 34.3 51.5

86 65.7 51.8 77.8

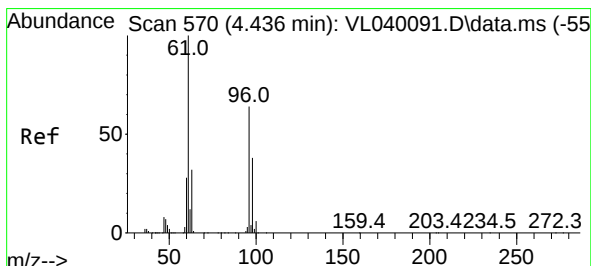
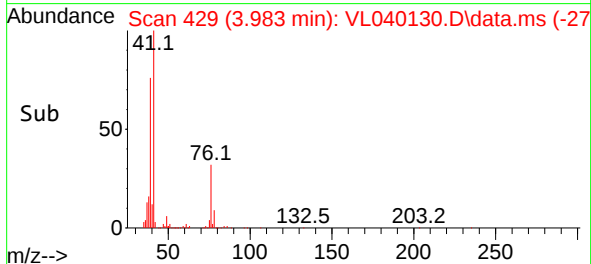
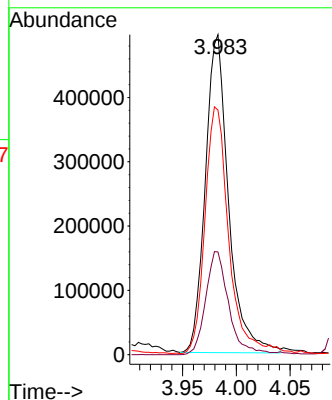
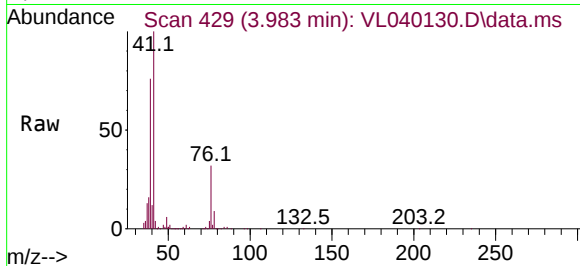




#21
 Allyl Chloride
 Concen: 10.472 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

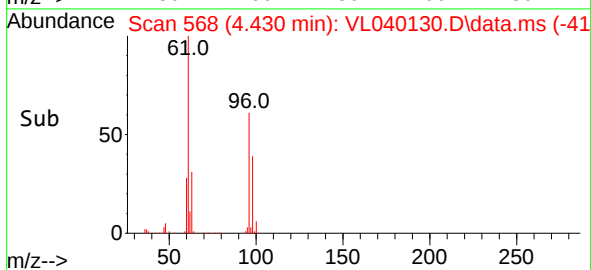
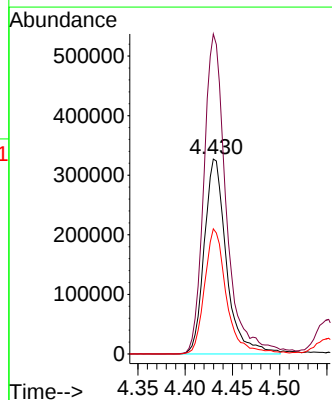
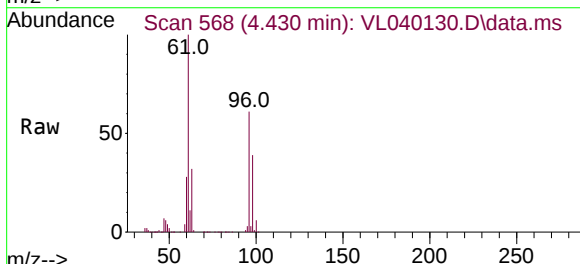
Instrument :
 MSVOA_L
 ClientSampleId :

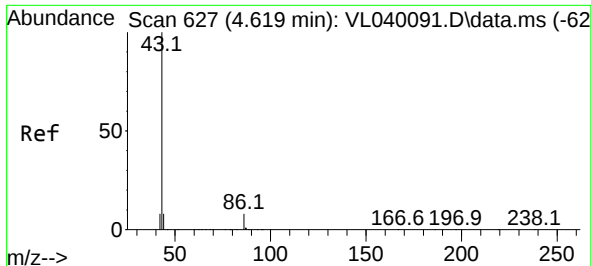
Tgt Ion: 41 Resp: 742075
 Ion Ratio Lower Upper
 41 100
 76 32.6 25.9 38.9
 39 80.1 66.8 100.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.938 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 96 Resp: 534075
 Ion Ratio Lower Upper
 96 100
 61 164.1 125.8 188.8
 98 64.2 47.4 71.2

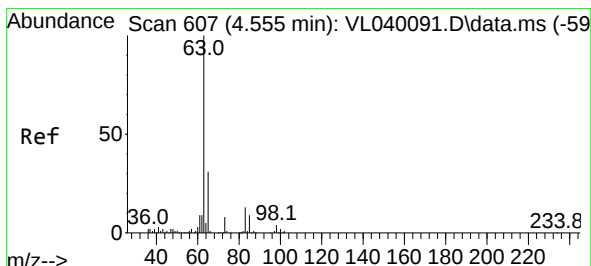
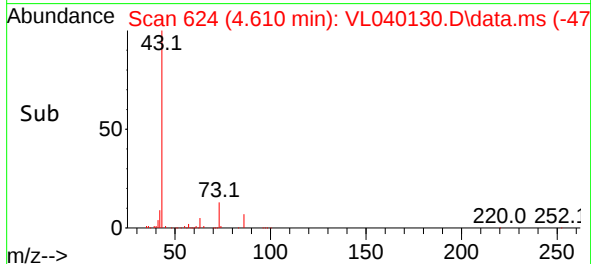
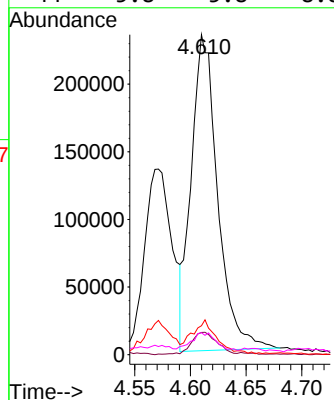
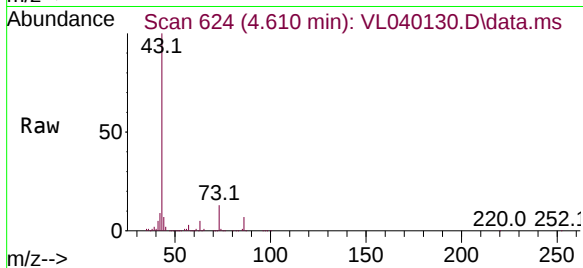




#23
 Vinyl Acetate
 Concen: 10.770 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

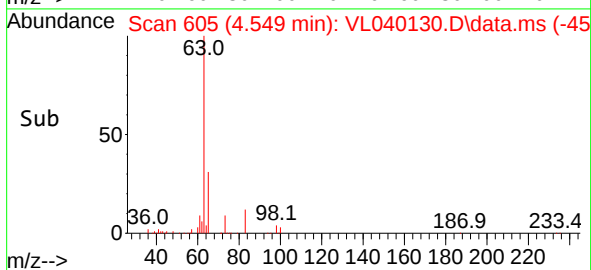
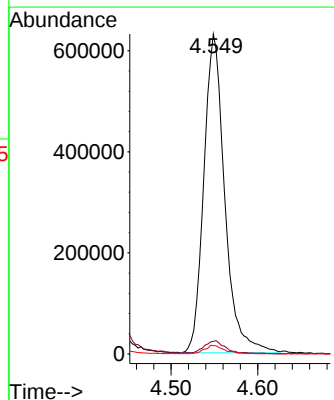
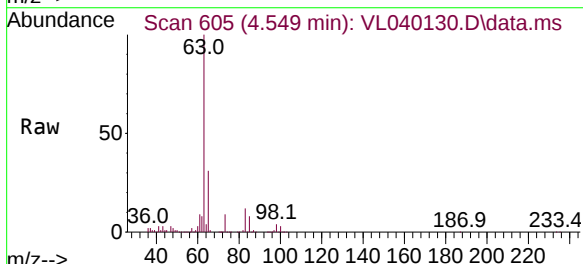
Instrument :
 MSVOA_L
 ClientSampleId :

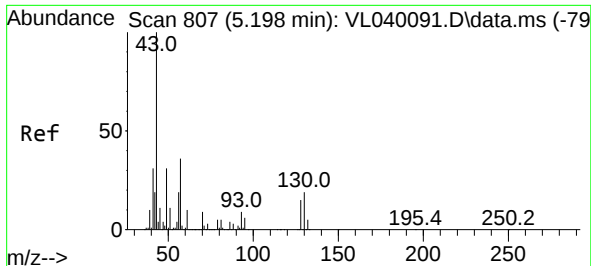
Tgt Ion: 43 Resp: 385288
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.6 8.4
 42 8.7 7.7 11.5
 44 5.8 5.8 8.8#



#24
 1,1-Dichloroethane
 Concen: 9.777 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 63 Resp: 1059182
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 5.8
 100 2.6 1.1 3.5





#25

Ethyl Acetate

Concen: 11.044 ppbv

RT: 5.189 min Scan# 807

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2147274

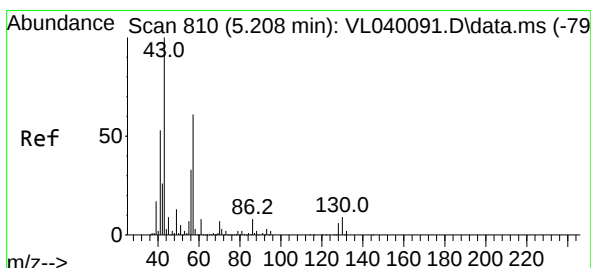
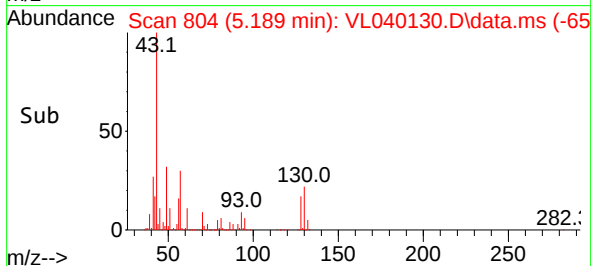
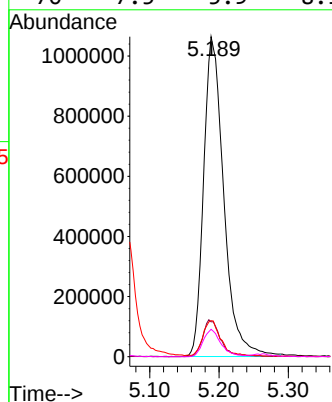
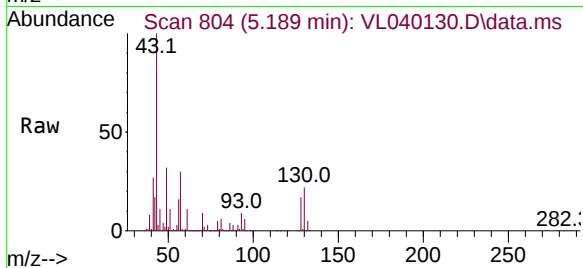
Ion Ratio Lower Upper

43 100

45 10.5 8.5 12.7

61 10.5 8.4 12.6

70 7.5 5.9 8.9



#26

Hexane

Concen: 10.792 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Tgt Ion: 57 Resp: 918306

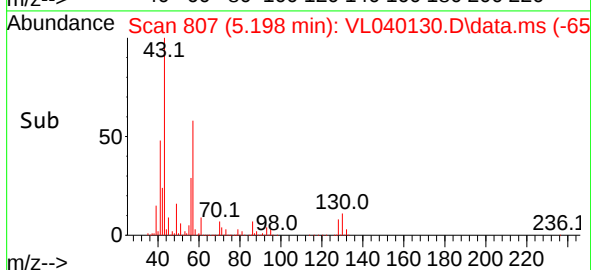
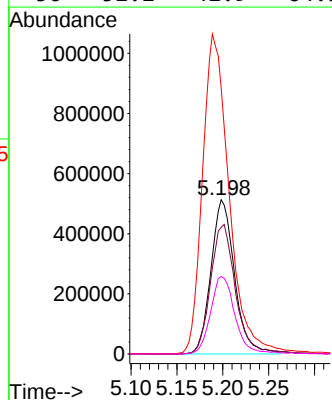
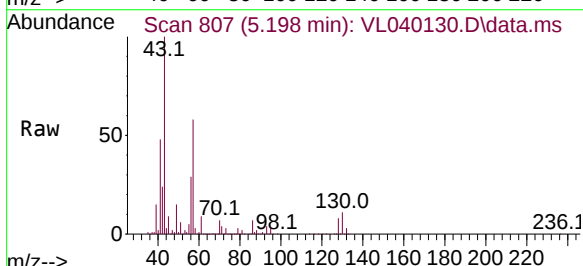
Ion Ratio Lower Upper

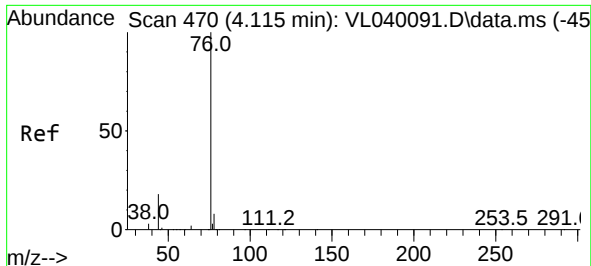
57 100

41 89.8 72.2 108.4

43 235.3 192.1 288.1

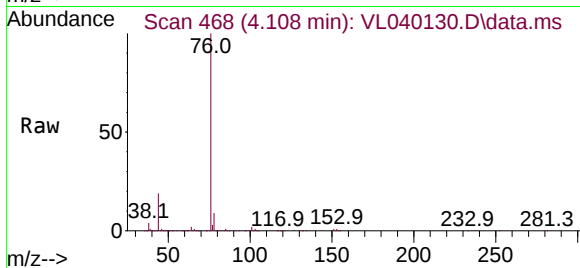
56 52.2 42.9 64.3





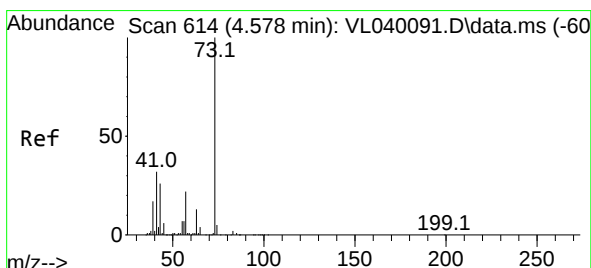
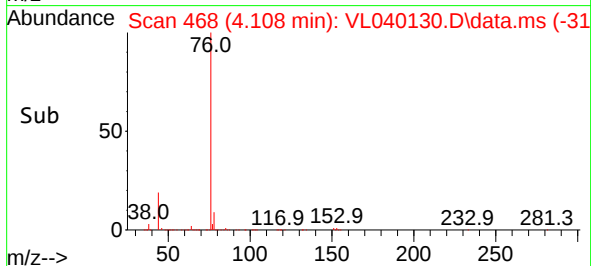
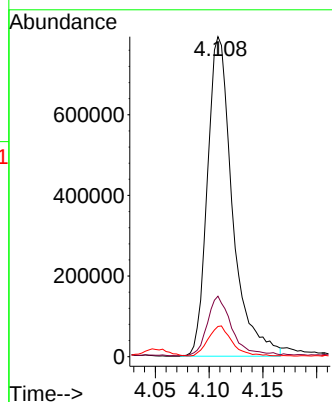
#27
Carbon Disulfide
Concen: 11.667 ppbv
RT: 4.108 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1286029

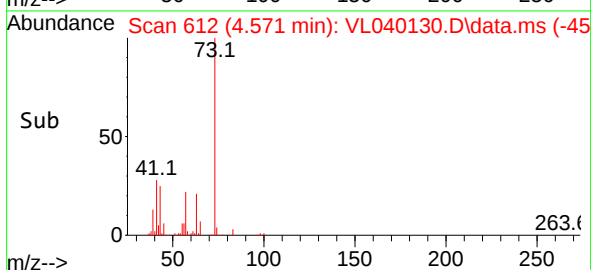
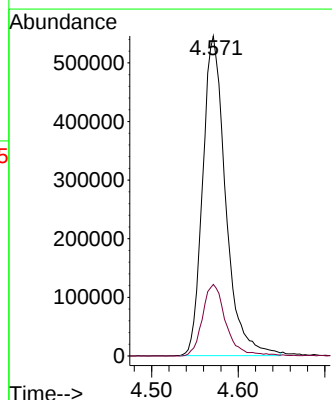
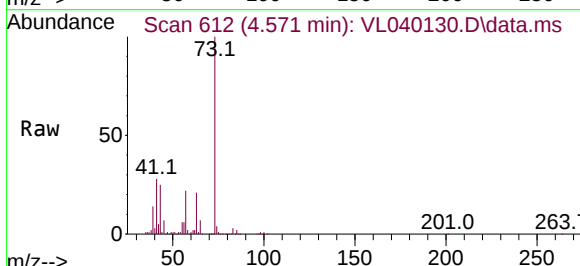
Ion	Ratio	Lower	Upper
76	100		
44	19.0	14.9	22.3
78	9.7	8.2	12.2

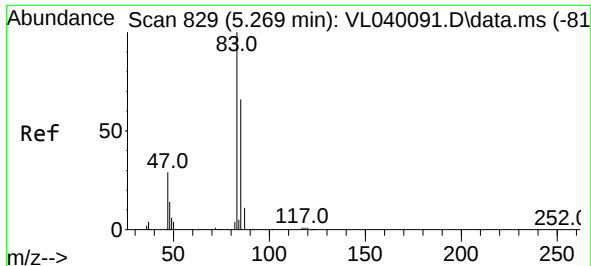


#28
Methyl tert-Butyl Ether
Concen: 10.486 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 73 Resp: 1003781

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.3	27.5





#29

Chloroform

Concen: 11.045 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

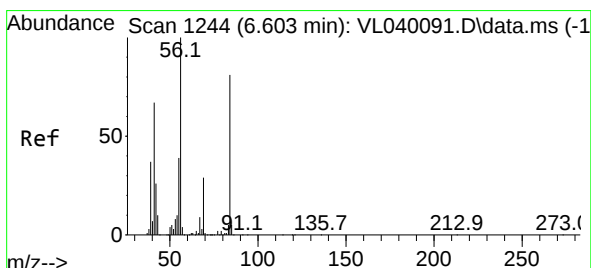
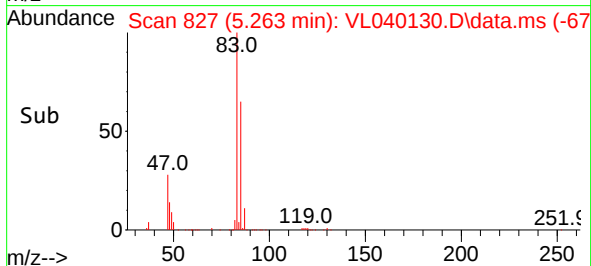
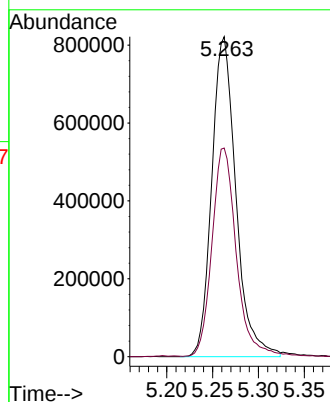
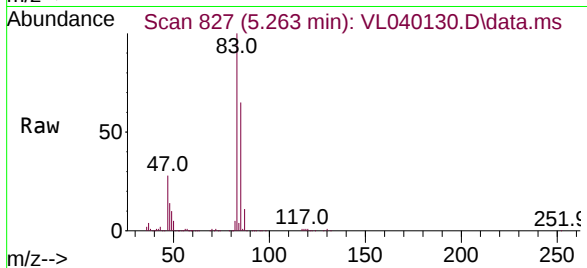
ClientSampleId :

Tgt Ion: 83 Resp: 1502634

Ion Ratio Lower Upper

83 100

85 65.0 53.1 79.7



#30

Cyclohexane

Concen: 11.881 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.016 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

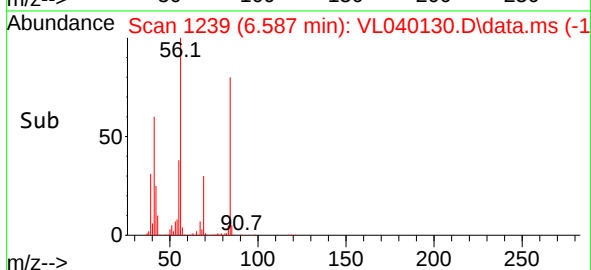
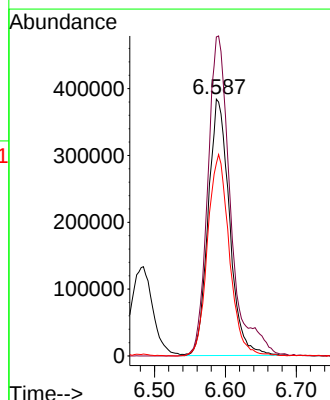
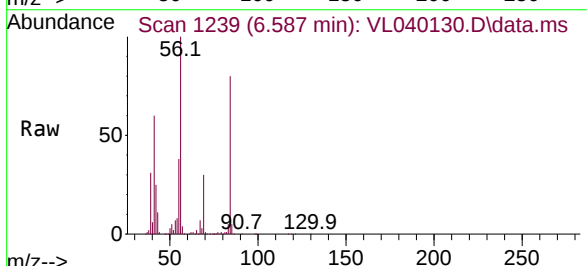
Tgt Ion: 84 Resp: 803623

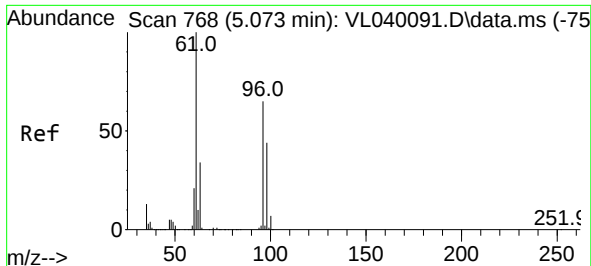
Ion Ratio Lower Upper

84 100

56 133.6 111.5 167.3

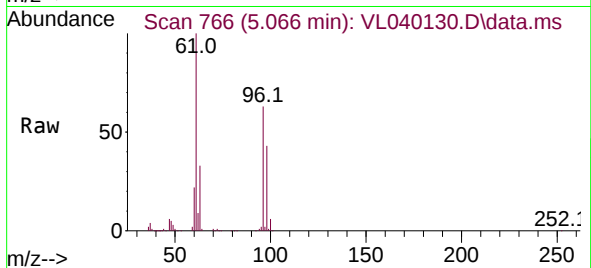
41 80.1 71.4 107.0



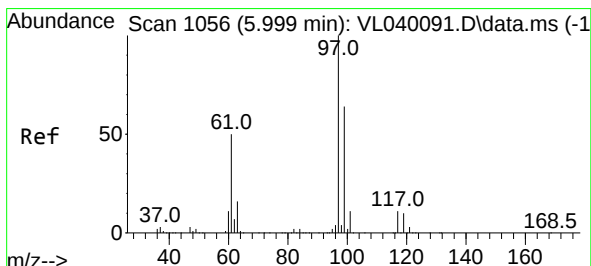
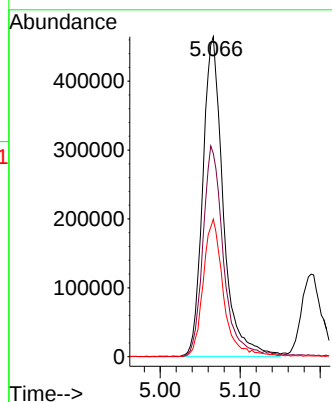
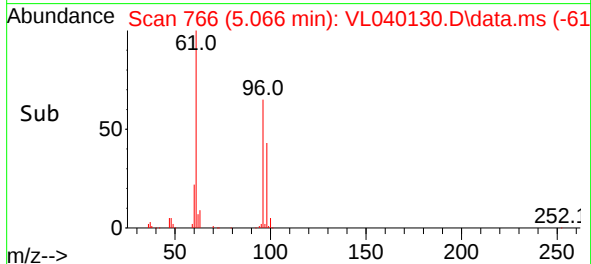


#31
 cis-1,2-Dichloroethene
 Concen: 10.010 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Instrument :
 MSVOA_L
 ClientSampleId :

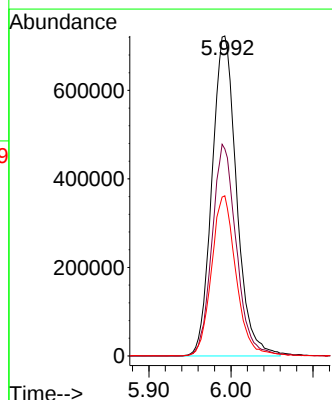
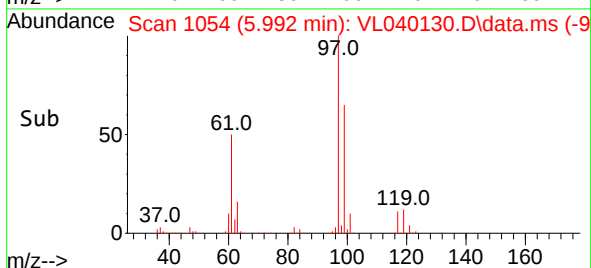
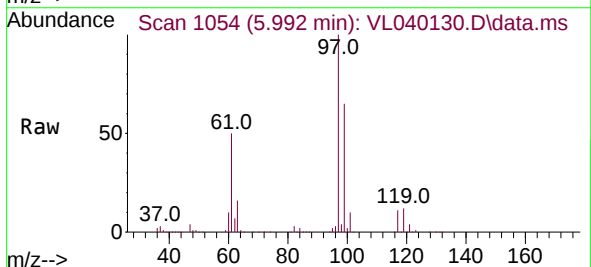


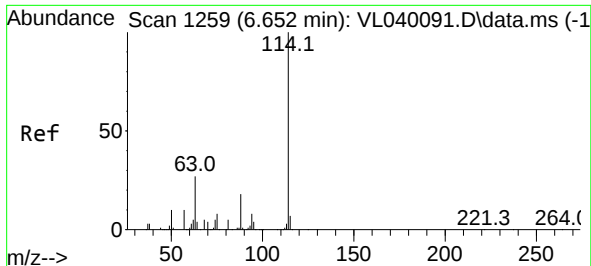
Tgt Ion: 61 Resp: 824564
 Ion Ratio Lower Upper
 61 100
 96 63.5 52.0 78.0
 98 43.0 35.3 52.9



#32
 1,1,1-Trichloroethane
 Concen: 10.883 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 97 Resp: 1504850
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.8 77.6
 61 50.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

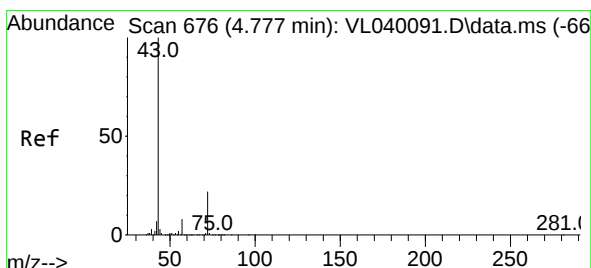
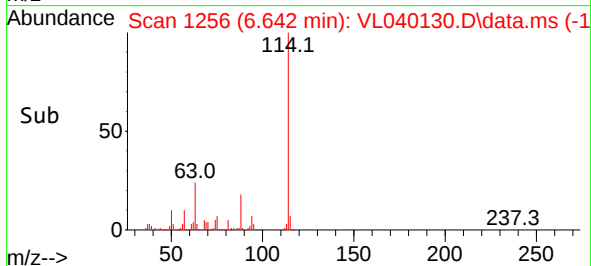
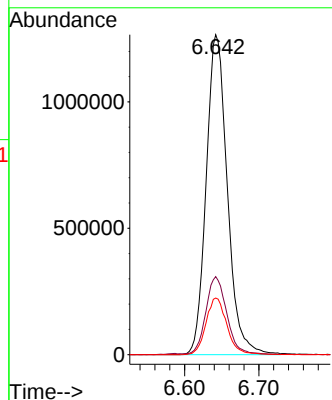
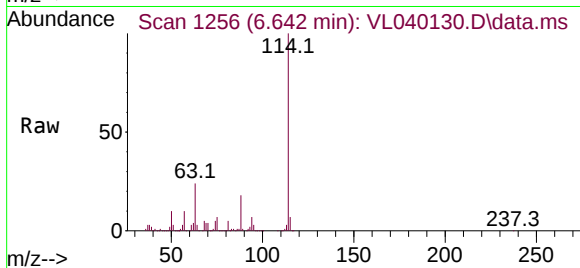
Tgt Ion:114 Resp: 2503524

Ion Ratio Lower Upper

114 100

63 24.8 21.8 32.8

88 17.6 14.8 22.2



#34

2-Butanone

Concen: 10.049 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.006 min

Lab File: VL040130.D

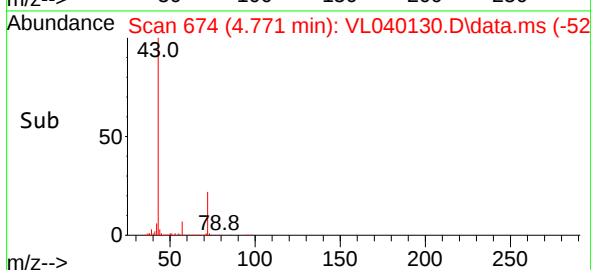
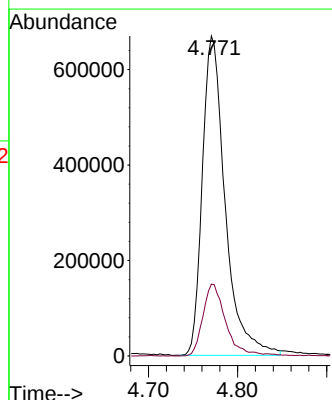
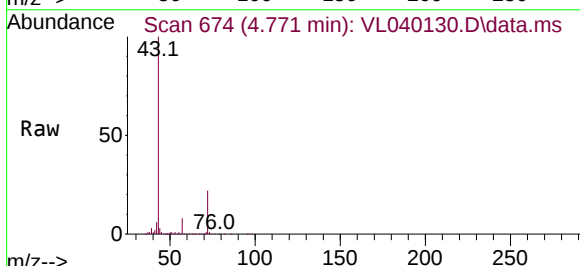
Acq: 30 Jan 2023 13:24

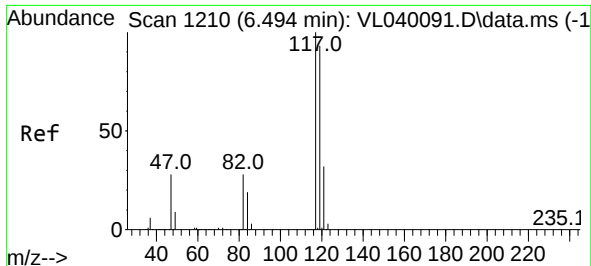
Tgt Ion: 43 Resp: 1189958

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6

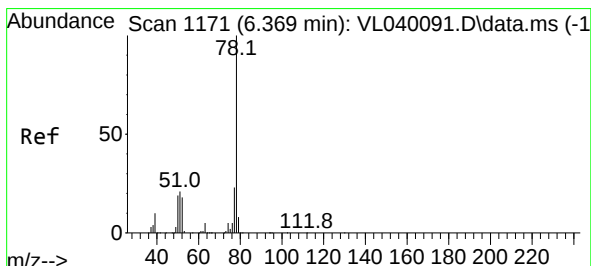
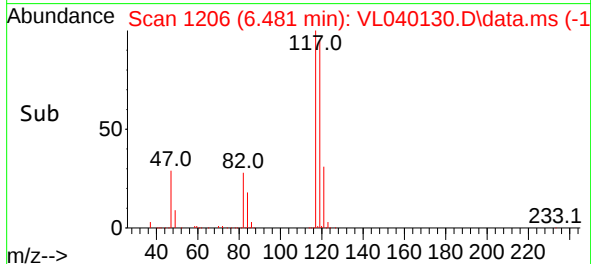
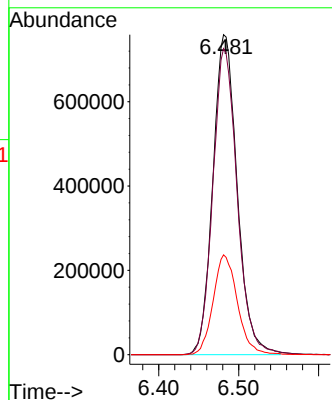
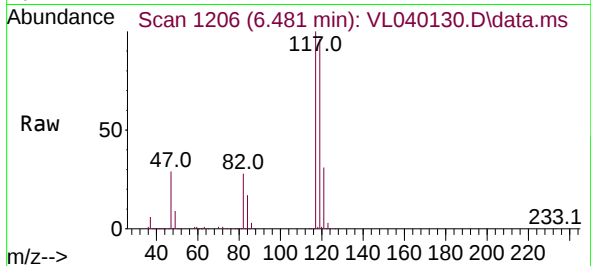




#35
Carbon Tetrachloride
Concen: 11.328 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

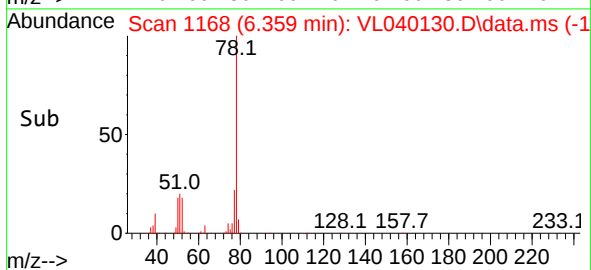
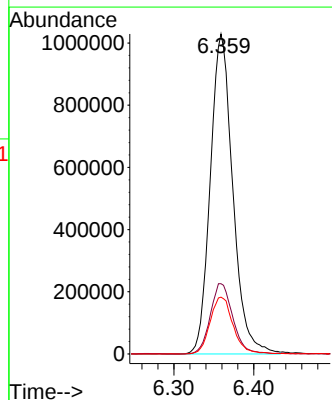
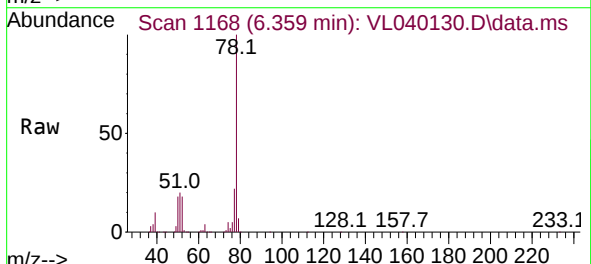
Instrument :
MSVOA_L
ClientSampleId :

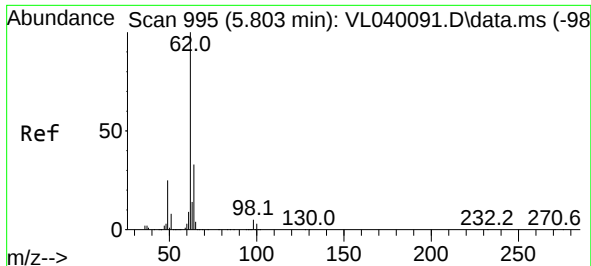
Tgt Ion:117 Resp: 1603497
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 31.2 25.4 38.0



#36
Benzene
Concen: 10.868 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 78 Resp: 2013480
Ion Ratio Lower Upper
78 100
77 21.9 18.1 27.1
50 17.8 15.6 23.4

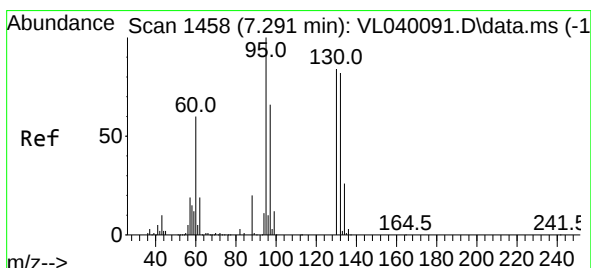
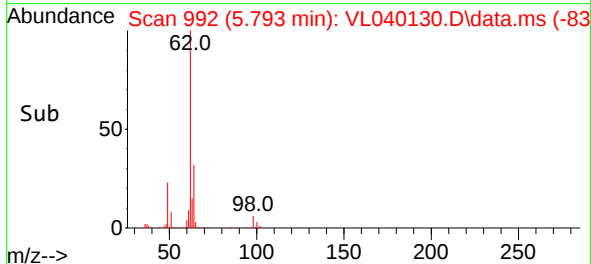
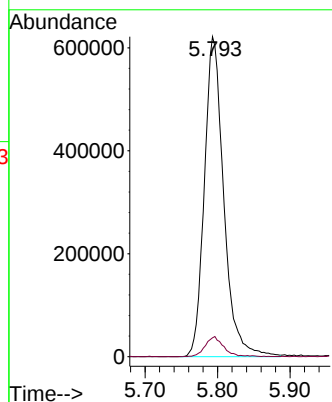
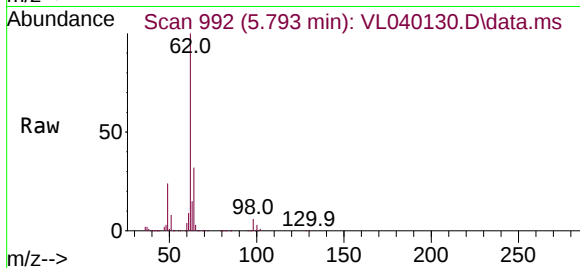




#37
1,2-Dichloroethane
Concen: 9.695 ppbv
RT: 5.793 min Scan# 995
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

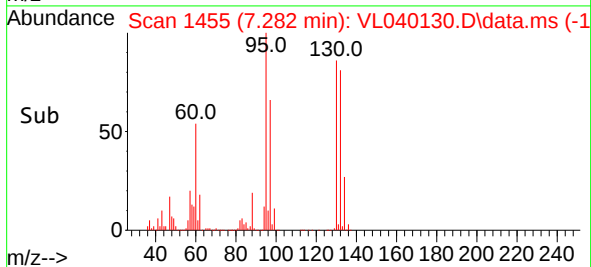
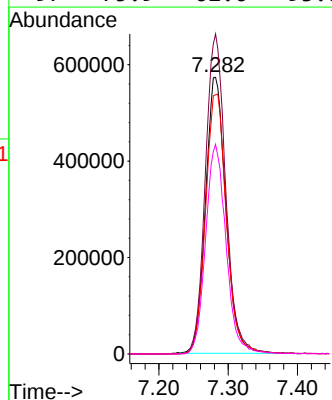
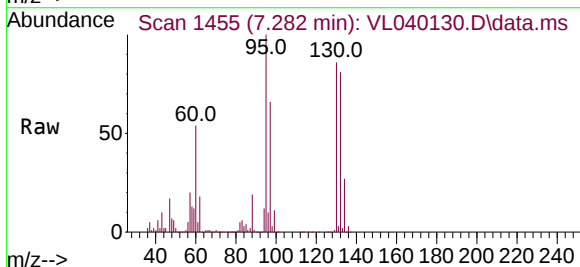
Instrument :
MSVOA_L
ClientSampleId :

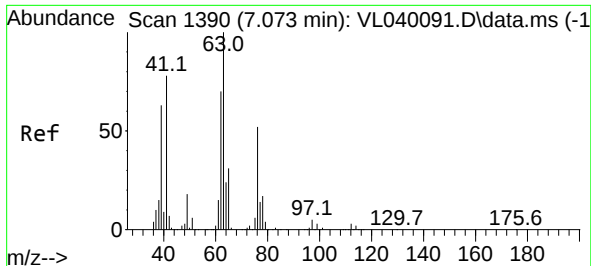
Tgt Ion: 62 Resp: 1154534
Ion Ratio Lower Upper
62 100
98 6.2 4.4 6.6



#38
Trichloroethene
Concen: 11.122 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion:130 Resp: 1169479
Ion Ratio Lower Upper
130 100
95 115.9 95.0 142.6
132 93.9 77.9 116.9
97 75.9 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.555 ppbv

RT: 7.063 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

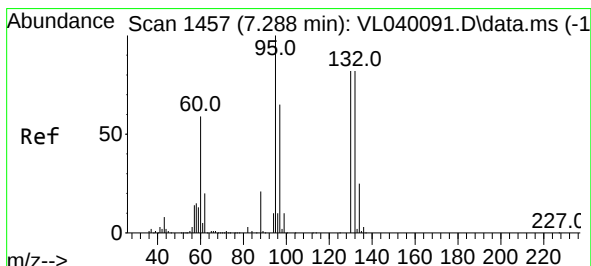
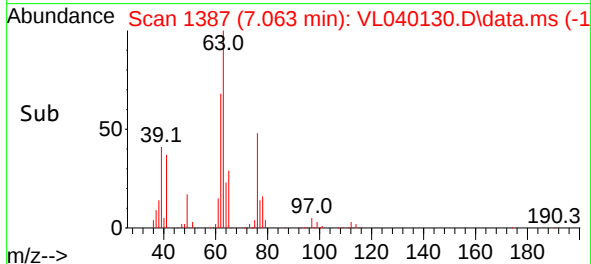
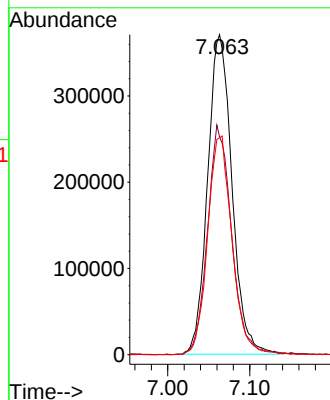
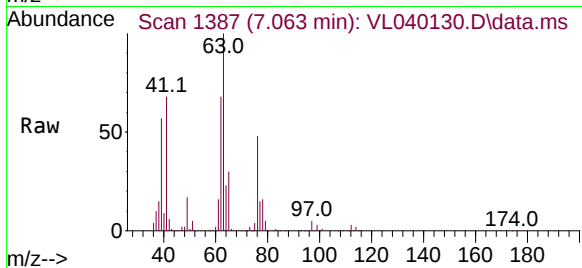
Tgt Ion: 63 Resp: 764920

Ion Ratio Lower Upper

63 100

41 68.1 62.2 93.4

62 67.8 55.8 83.8



#40

1,4-Dioxane

Concen: 10.636 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Tgt Ion: 88 Resp: 305893

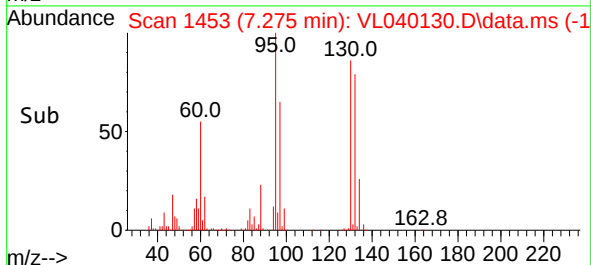
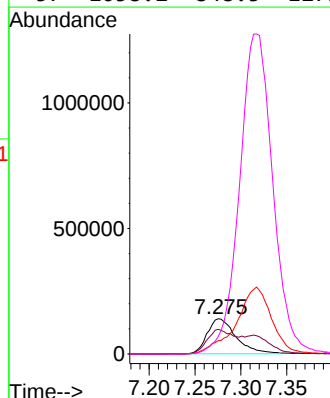
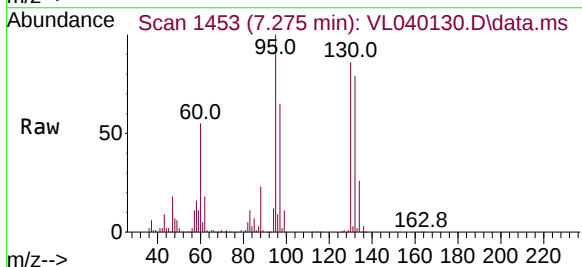
Ion Ratio Lower Upper

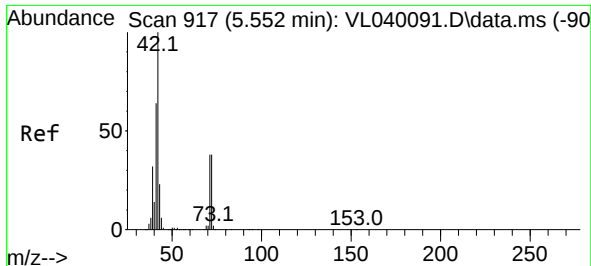
88 100

58 117.6 97.5 146.3

43 234.4 195.0 292.4

57 1058.2 848.5 1272.7





#41

Tetrahydrofuran

Concen: 11.157 ppbv

RT: 5.542 min Scan# 914

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

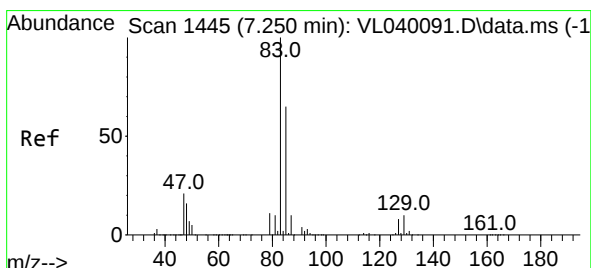
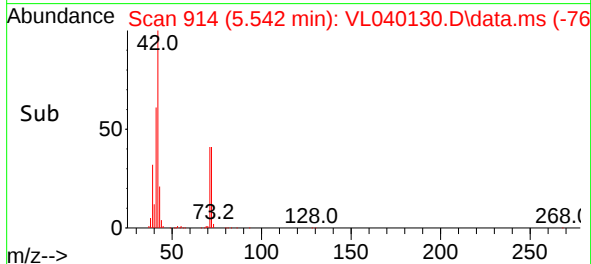
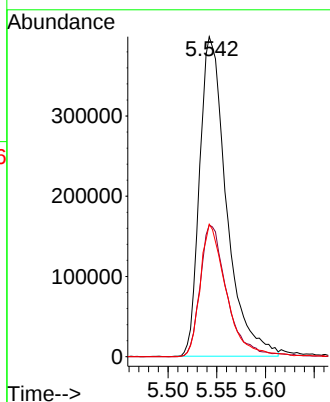
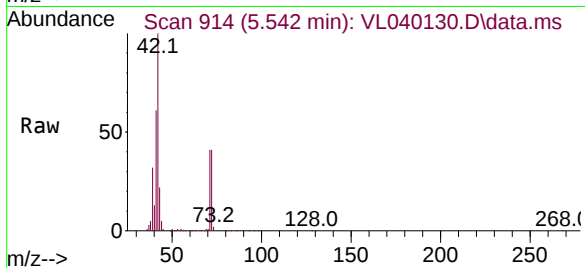
Tgt Ion: 42 Resp: 762560

Ion Ratio Lower Upper

42 100

72 41.5 31.9 47.9

71 40.8 31.4 47.2



#42

Bromodichloromethane

Concen: 10.792 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

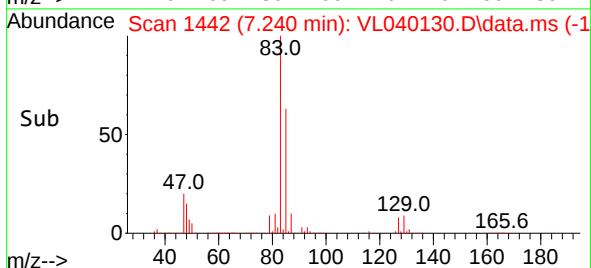
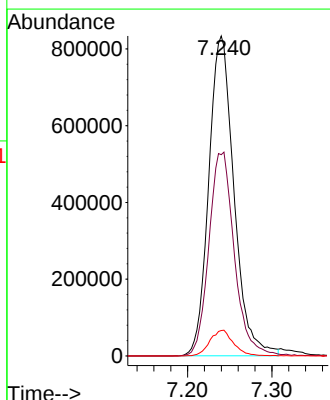
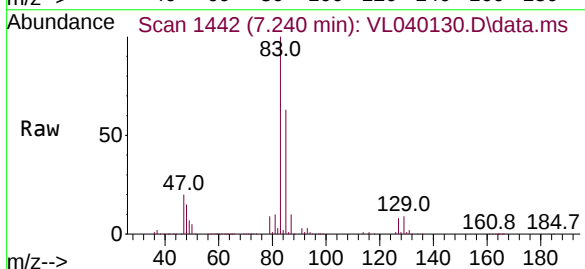
Tgt Ion: 83 Resp: 1735303

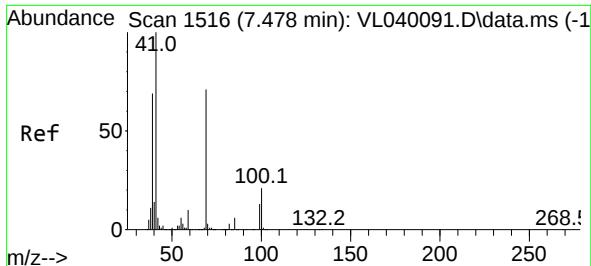
Ion Ratio Lower Upper

83 100

85 62.9 51.7 77.5

127 8.0 6.2 9.2

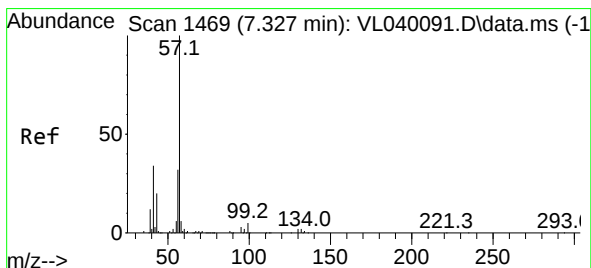
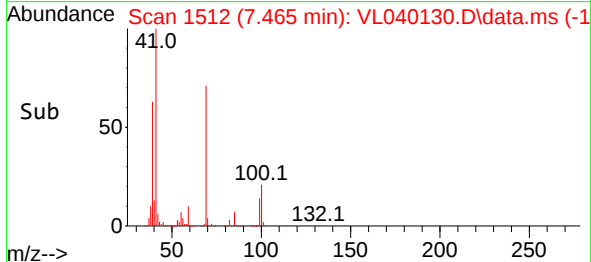
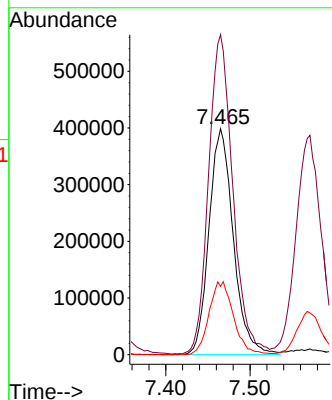
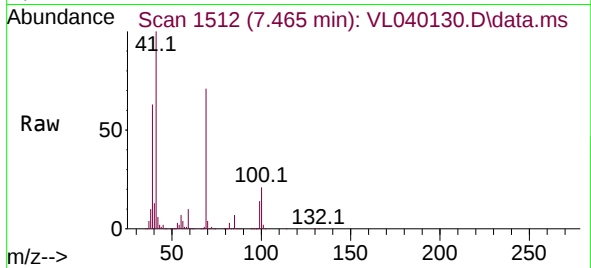




#43
Methyl Methacrylate
Concen: 11.761 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

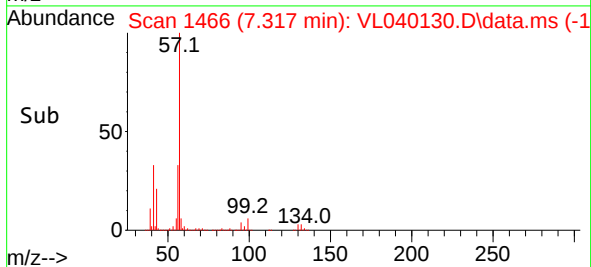
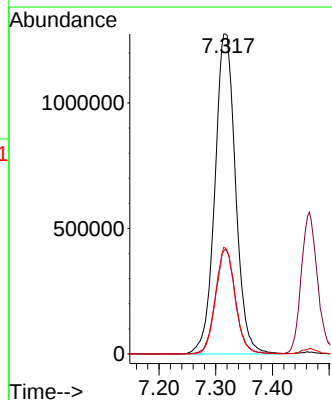
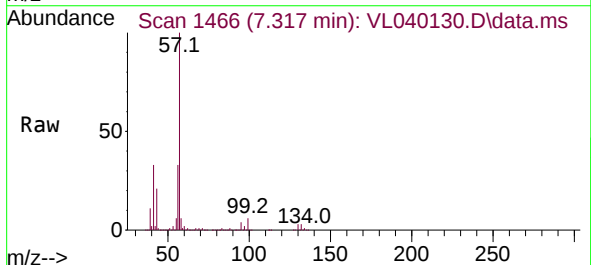
Instrument :
MSVOA_L
ClientSampleId :

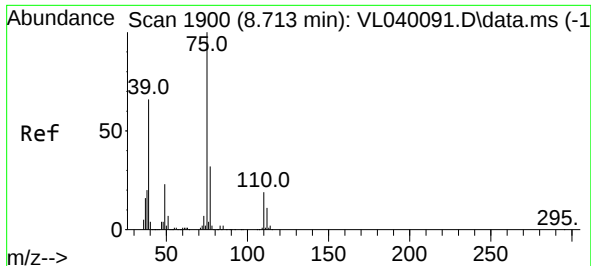
Tgt Ion: 69 Resp: 799584
Ion Ratio Lower Upper
69 100
41 141.6 118.2 177.2
100 32.6 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.503 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 57 Resp: 3235881
Ion Ratio Lower Upper
57 100
41 31.7 27.1 40.7
56 31.3 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 13.162 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

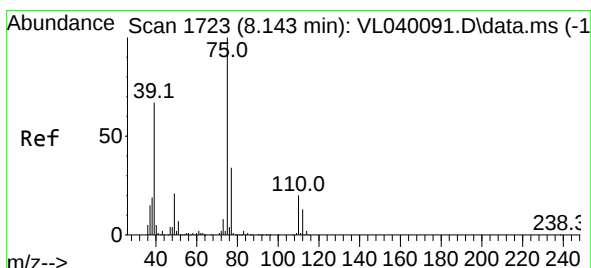
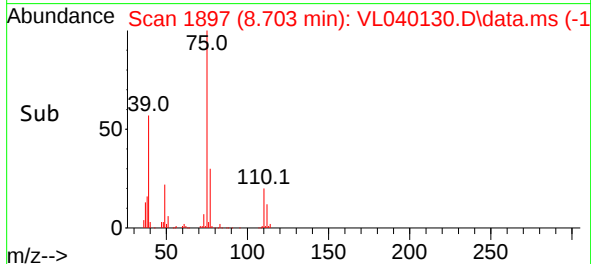
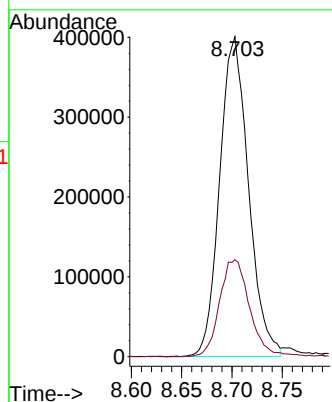
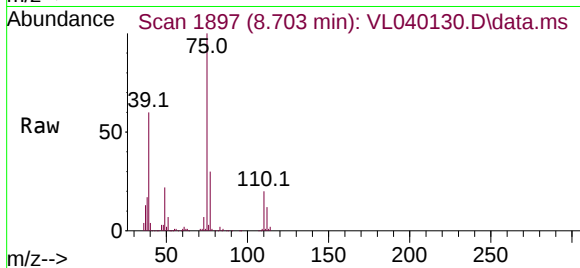
ClientSampleId :

Tgt Ion: 75 Resp: 797947

Ion Ratio Lower Upper

75 100

77 30.3 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 12.832 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

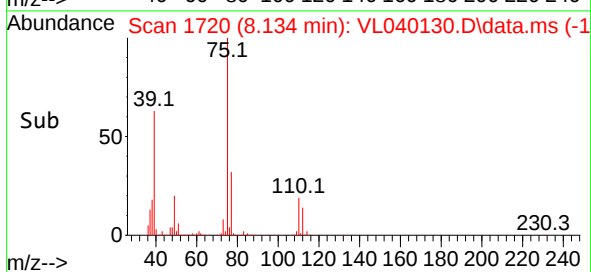
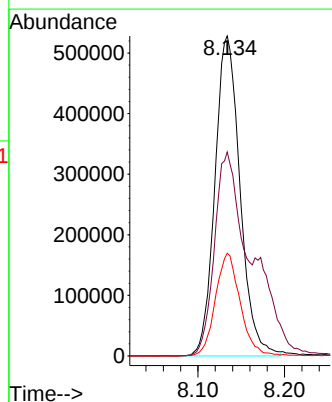
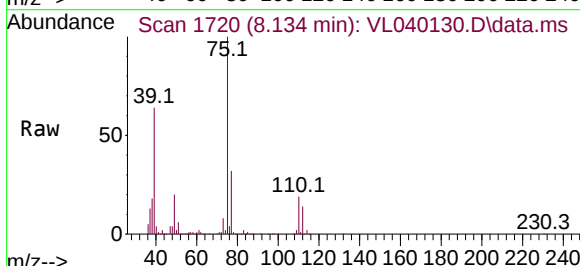
Tgt Ion: 75 Resp: 1063037

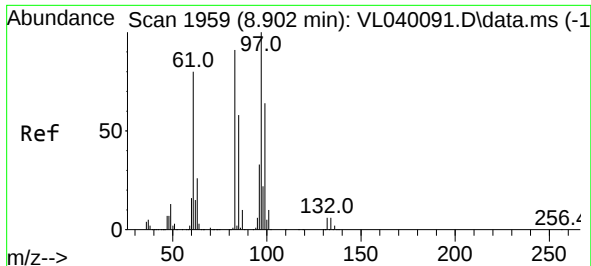
Ion Ratio Lower Upper

75 100

39 63.7 53.6 80.4

77 32.1 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.887 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. -0.013 min

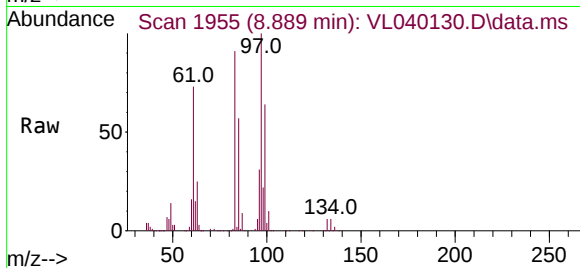
Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 830672

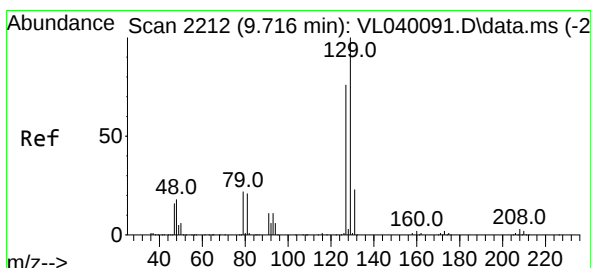
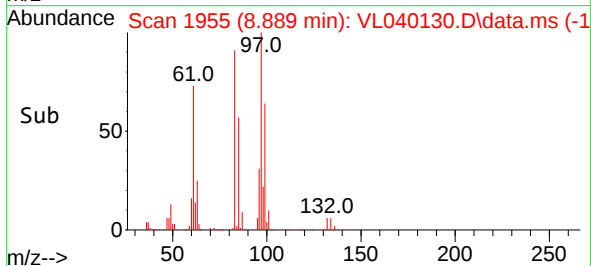
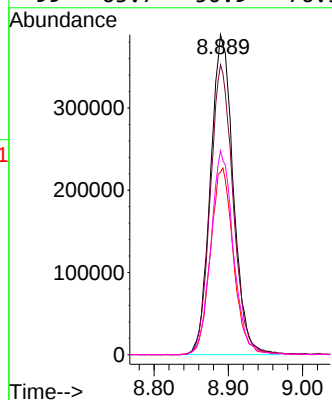
Ion Ratio Lower Upper

97 100

83 90.6 72.9 109.3

85 56.9 46.0 69.0

99 63.7 50.9 76.3



#48

Dibromochloromethane

Concen: 11.989 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.013 min

Lab File: VL040130.D

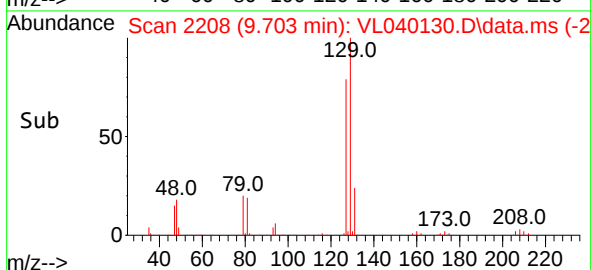
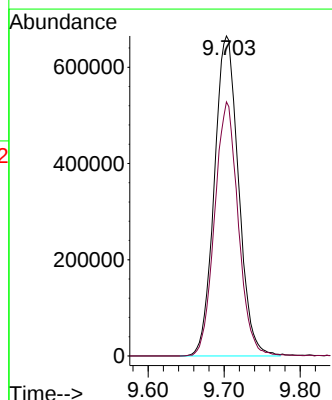
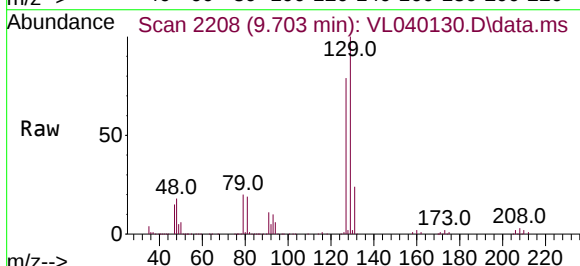
Acq: 30 Jan 2023 13:24

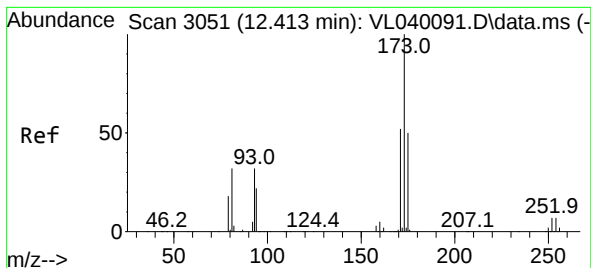
Tgt Ion: 129 Resp: 1470113

Ion Ratio Lower Upper

129 100

127 77.6 39.3 117.9





#49

Bromoform

Concen: 12.525 ppbv

RT: 12.400 min Scan# 3051

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

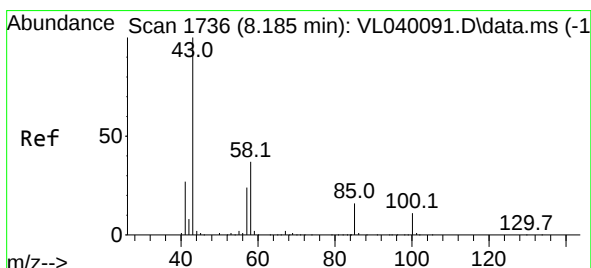
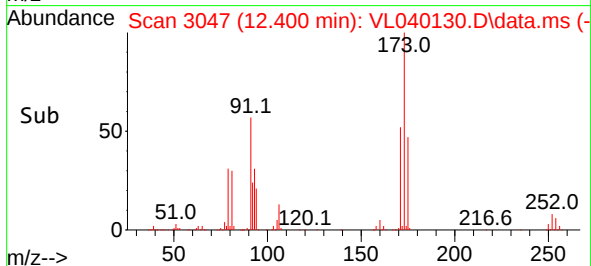
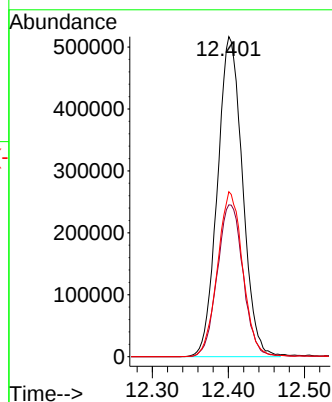
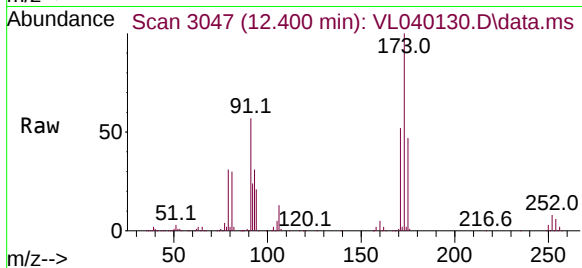
Tgt Ion:173 Resp: 1183138

Ion Ratio Lower Upper

173 100

175 49.3 39.7 59.5

171 52.1 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 10.732 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.013 min

Lab File: VL040130.D

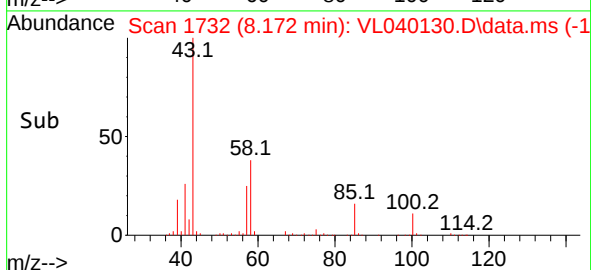
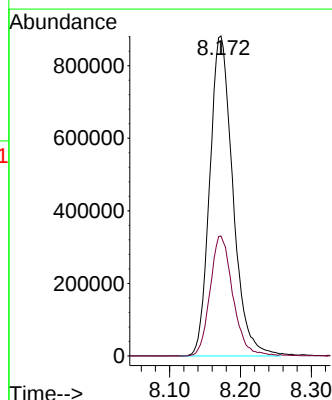
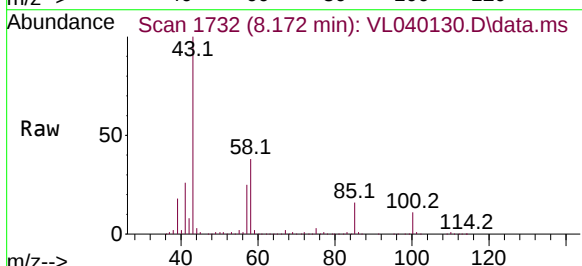
Acq: 30 Jan 2023 13:24

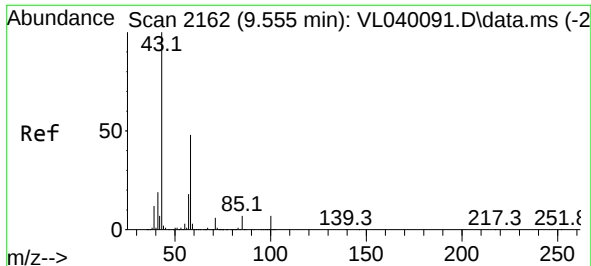
Tgt Ion: 43 Resp: 1998945

Ion Ratio Lower Upper

43 100

58 37.1 28.8 43.2

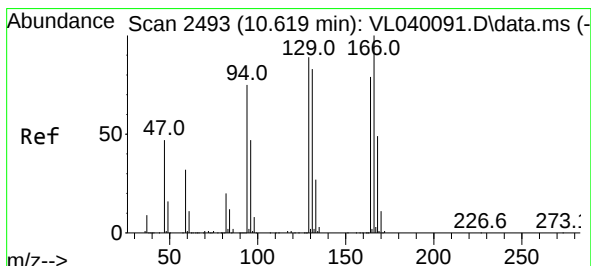
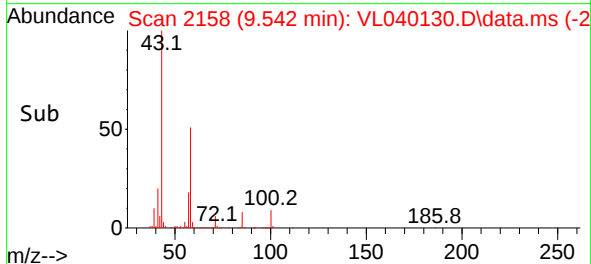
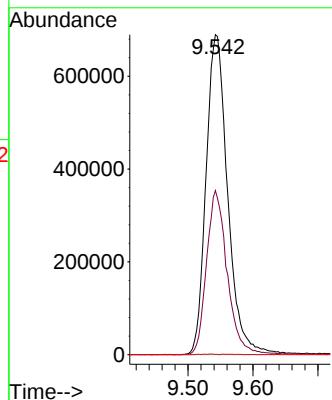
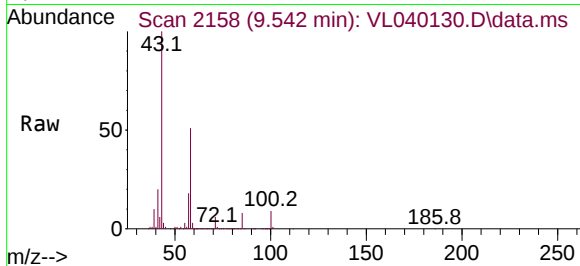




#51
2-Hexanone
Concen: 11.297 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

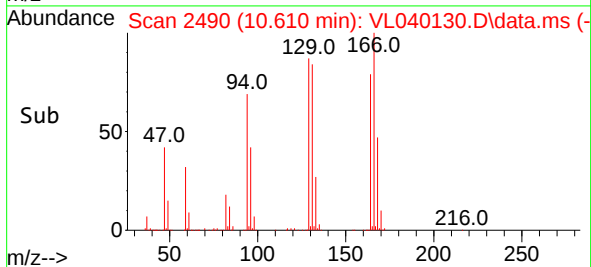
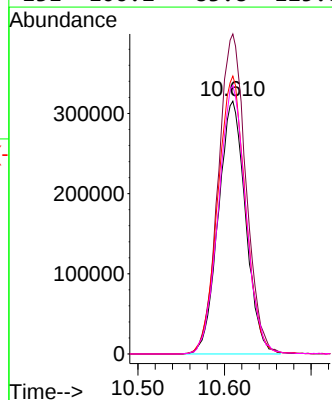
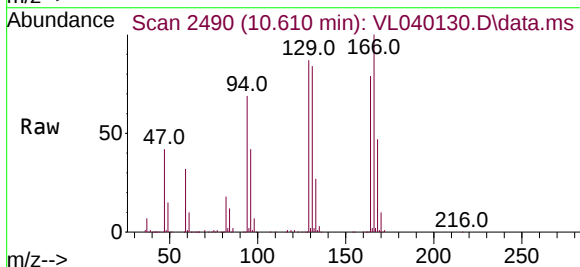
Instrument :
MSVOA_L
ClientSampleId :

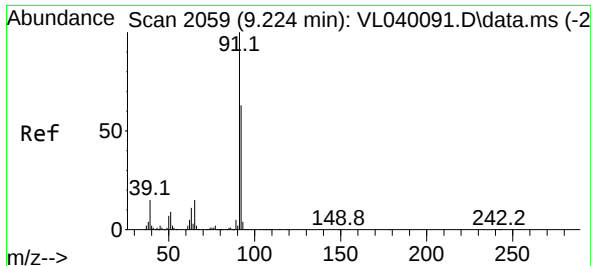
Tgt Ion: 43 Resp: 1594156
Ion Ratio Lower Upper
43 100
58 49.4 37.5 56.3
98 0.3 0.4 0.6#



#52
Tetrachloroethene
Concen: 11.375 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 164 Resp: 689409
Ion Ratio Lower Upper
164 100
166 126.6 101.2 151.8
129 109.9 90.2 135.2
131 106.2 83.8 125.8

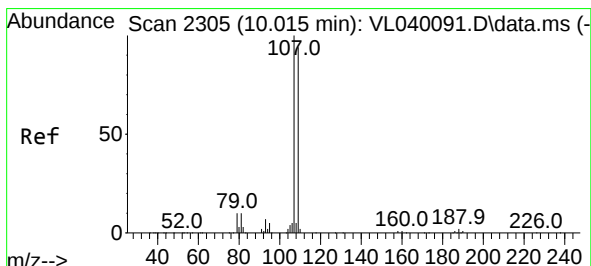
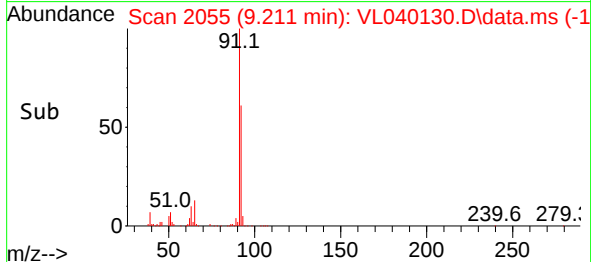
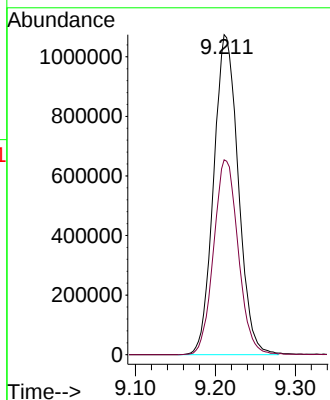
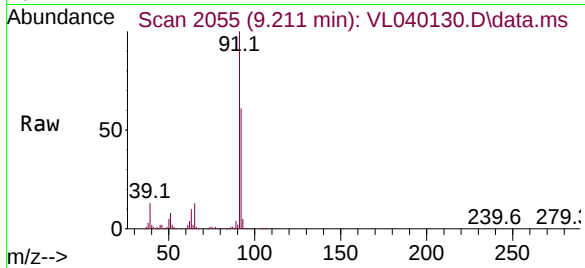




#53
Toluene
Concen: 11.618 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

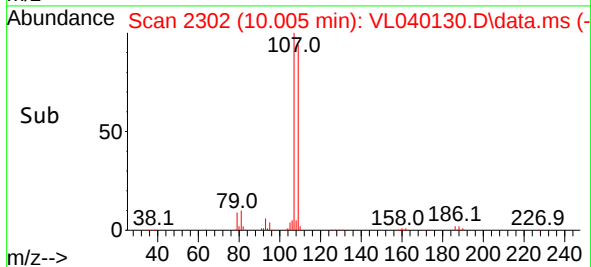
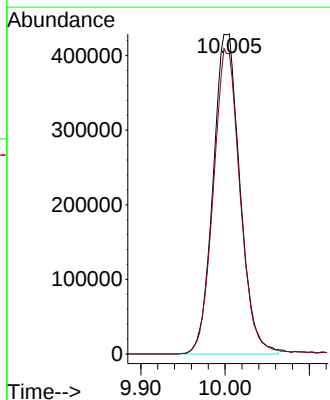
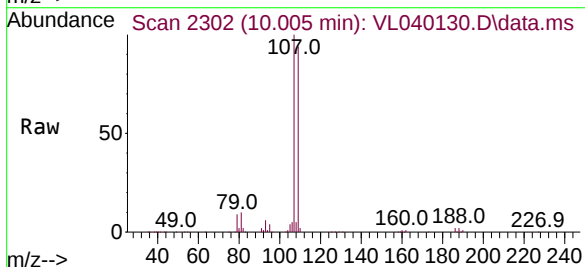
Instrument :
MSVOA_L
ClientSampleId :

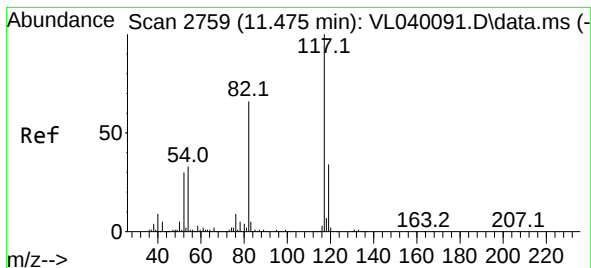
Tgt Ion: 91 Resp: 2295779
Ion Ratio Lower Upper
91 100
92 60.9 48.3 72.5



#54
1,2-Dibromoethane
Concen: 11.854 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

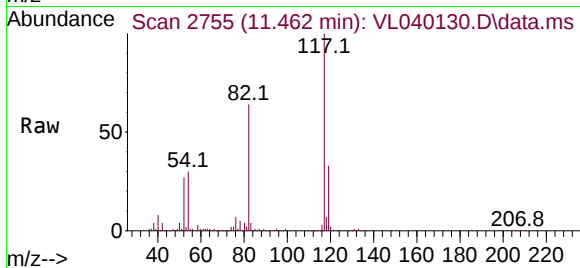
Tgt Ion: 107 Resp: 946837
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.4



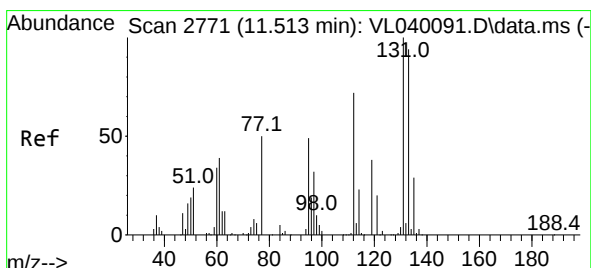
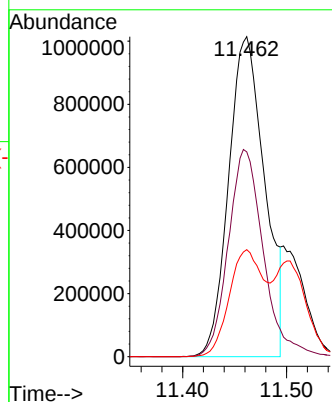
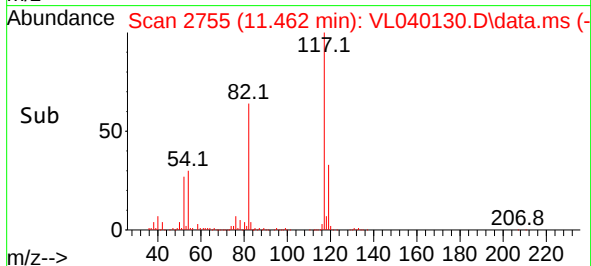


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :

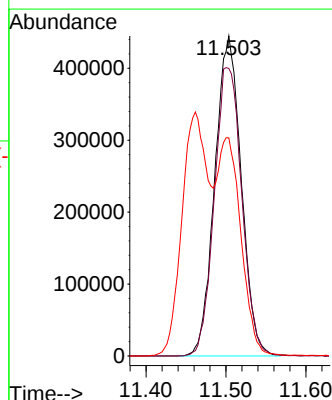
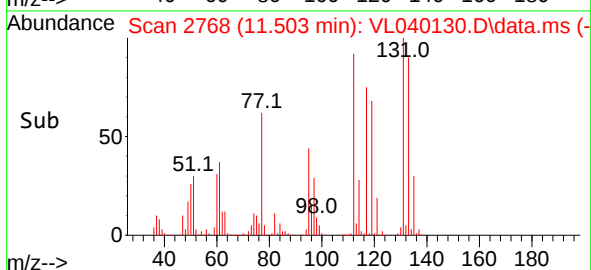
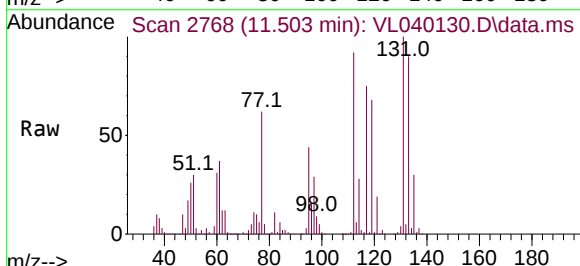


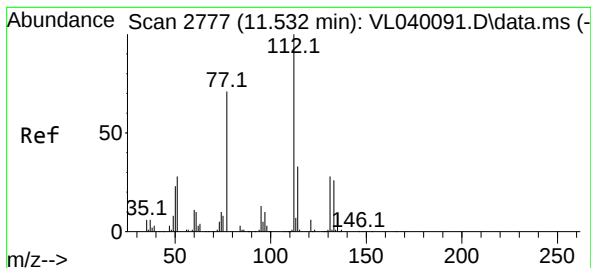
Tgt Ion:117 Resp: 2444616
Ion Ratio Lower Upper
117 100
82 63.3 54.4 81.6
119 30.6 26.8 40.2



#56
1,1,1,2-Tetrachloroethane
Concen: 10.726 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion:131 Resp: 1020571
Ion Ratio Lower Upper
131 100
133 93.9 75.6 113.4
119 61.9 47.2 70.8





#57

Chlorobenzene

Concen: 10.705 ppbv

RT: 11.520 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

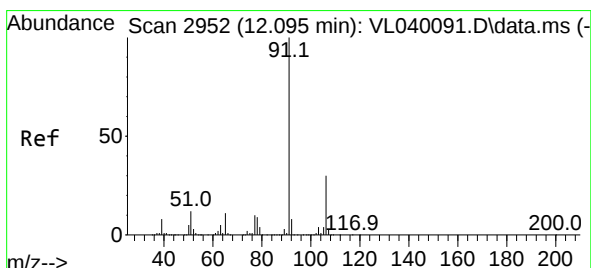
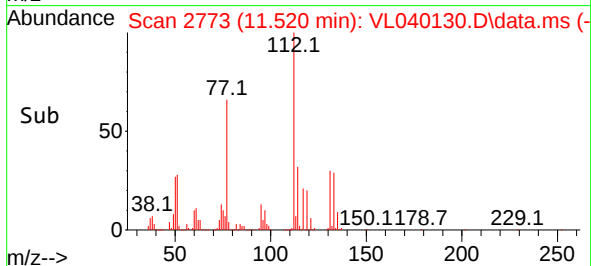
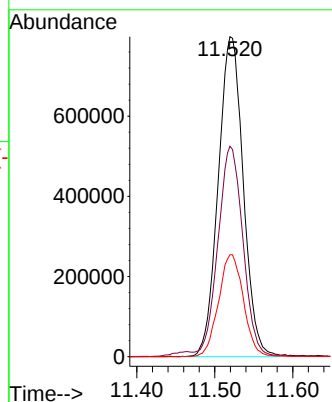
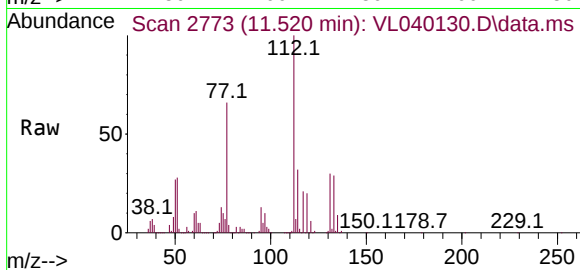
Tgt Ion:112 Resp: 1783785

Ion Ratio Lower Upper

112 100

77 65.3 57.3 85.9

114 31.9 29.6 36.2



#58

Ethyl Benzene

Concen: 11.399 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.013 min

Lab File: VL040130.D

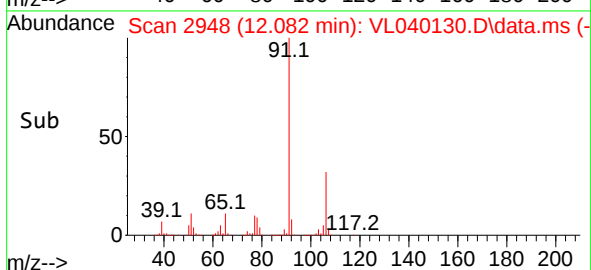
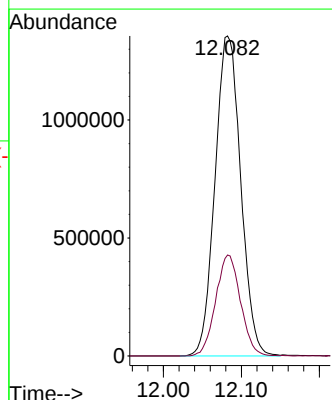
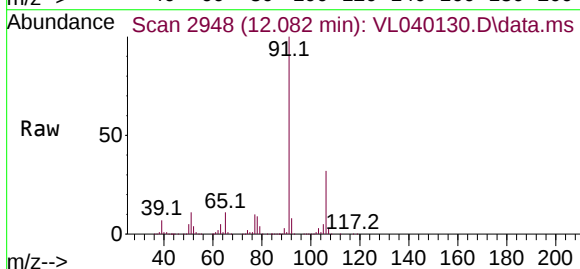
Acq: 30 Jan 2023 13:24

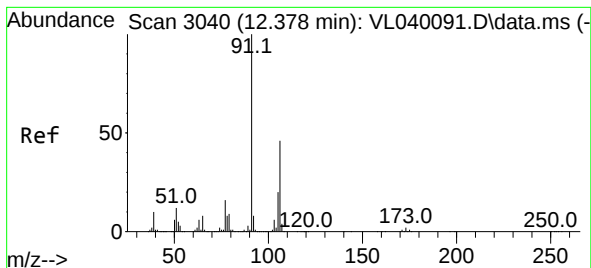
Tgt Ion: 91 Resp: 3109801

Ion Ratio Lower Upper

91 100

106 31.6 23.7 35.5





#59

m/p-Xylene

Concen: 10.557 ppbv

RT: 12.365 min Scan# 3040

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

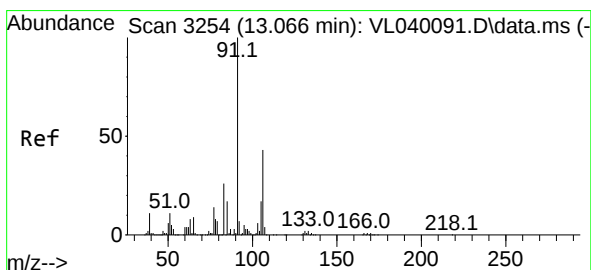
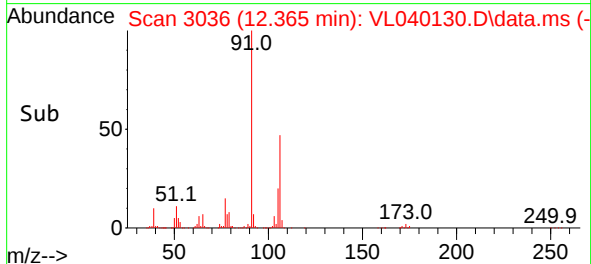
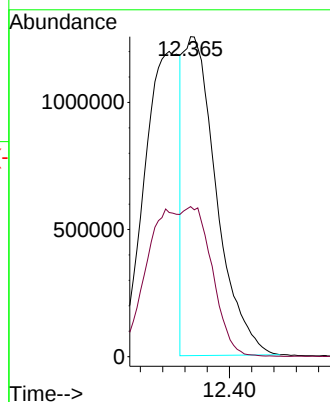
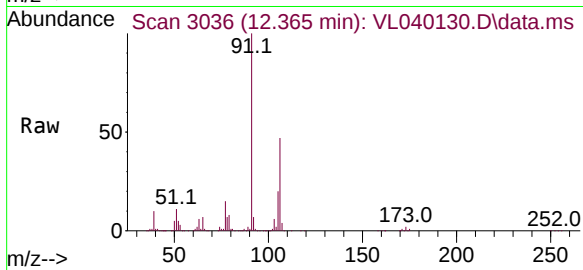
ClientSampleId :

Tgt Ion: 91 Resp: 2589538

Ion Ratio Lower Upper

91 100

106 89.7 34.2 51.4#



#60

o-Xylene

Concen: 10.732 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.010 min

Lab File: VL040130.D

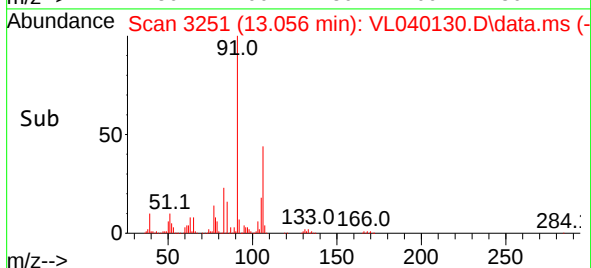
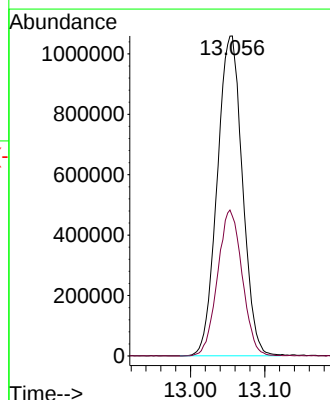
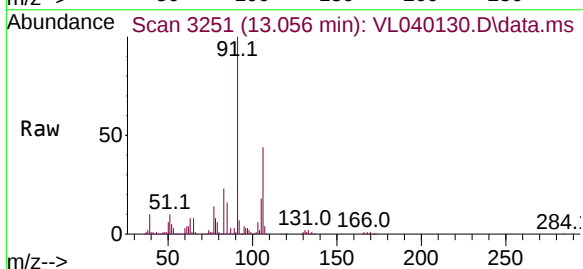
Acq: 30 Jan 2023 13:24

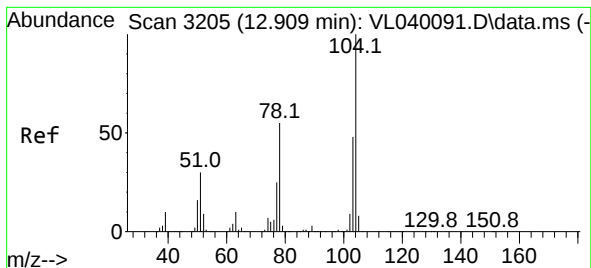
Tgt Ion: 91 Resp: 2498769

Ion Ratio Lower Upper

91 100

106 44.7 21.6 64.8





#61

Styrene

Concen: 12.362 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

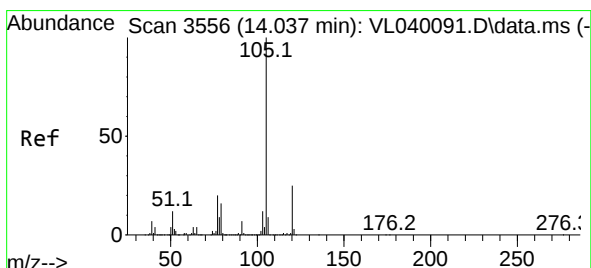
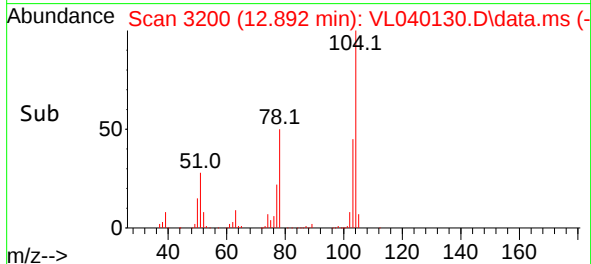
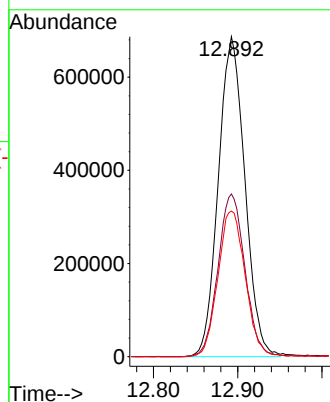
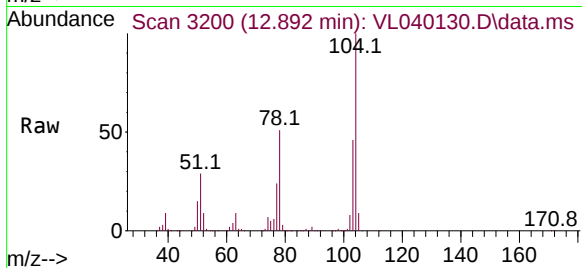
Tgt Ion:104 Resp: 1499825

Ion Ratio Lower Upper

104 100

78 51.8 44.0 66.0

103 47.1 37.8 56.6



#62

Isopropylbenzene

Concen: 10.481 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.013 min

Lab File: VL040130.D

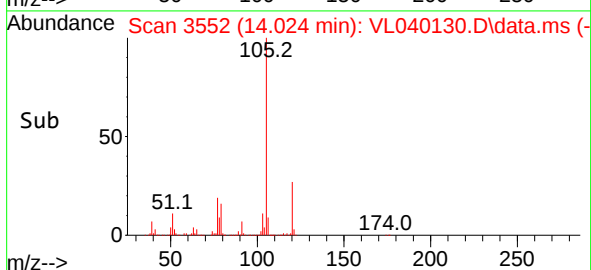
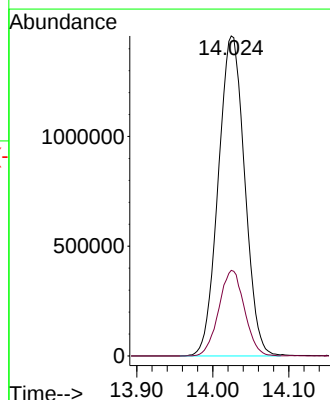
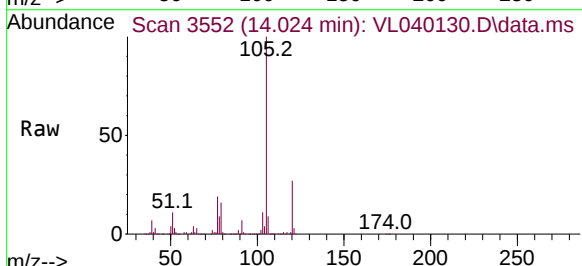
Acq: 30 Jan 2023 13:24

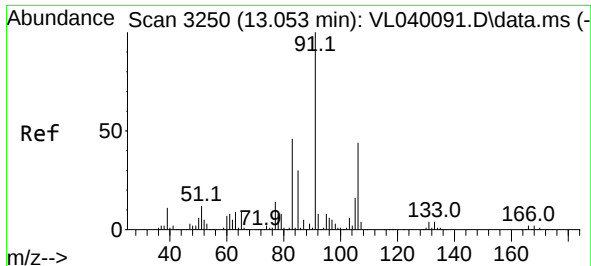
Tgt Ion:105 Resp: 3509841

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 9.845 ppbv

RT: 13.044 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

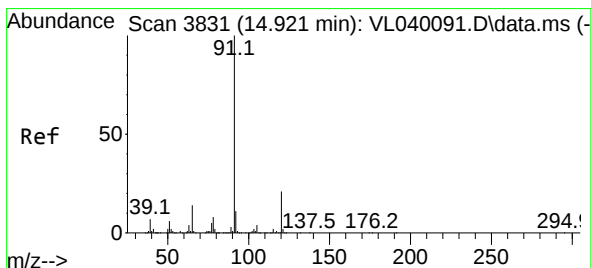
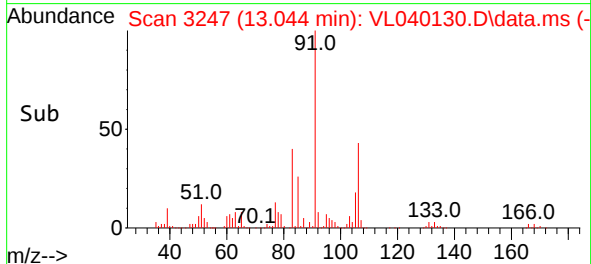
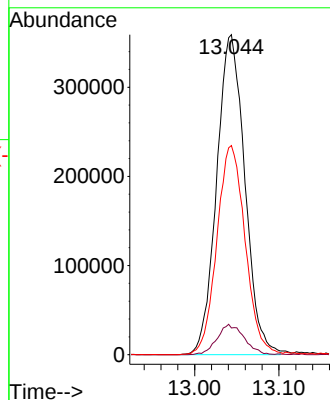
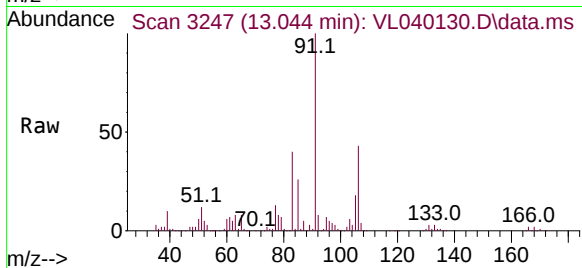
Tgt Ion: 83 Resp: 832268

Ion Ratio Lower Upper

83 100

131 9.2 4.3 13.1

85 66.0 32.5 97.5



#64

n-propylbenzene

Concen: 10.986 ppbv

RT: 14.912 min Scan# 3828

Delta R.T. -0.010 min

Lab File: VL040130.D

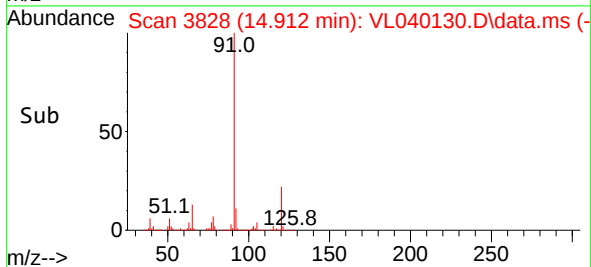
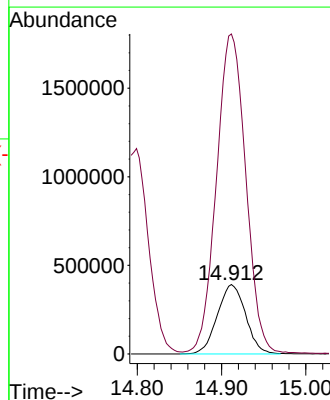
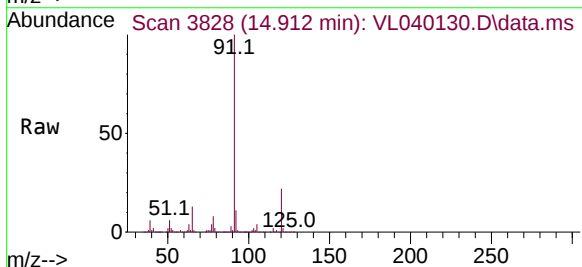
Acq: 30 Jan 2023 13:24

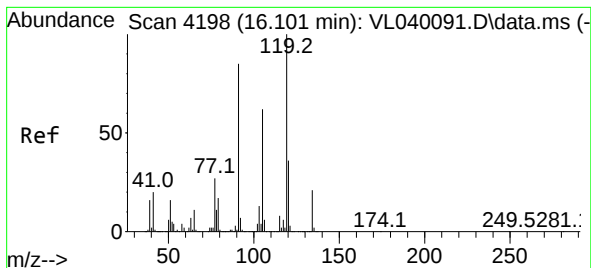
Tgt Ion:120 Resp: 914595

Ion Ratio Lower Upper

120 100

91 479.9 397.0 595.4

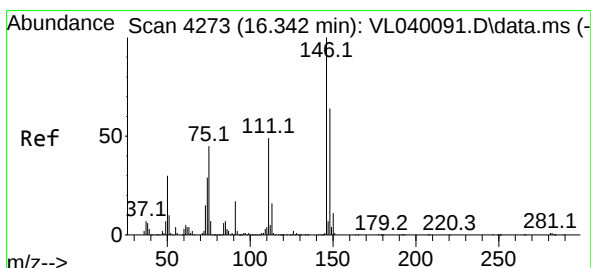
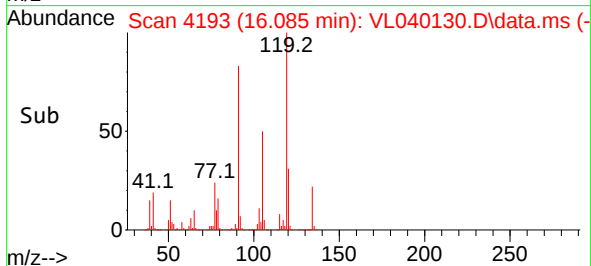
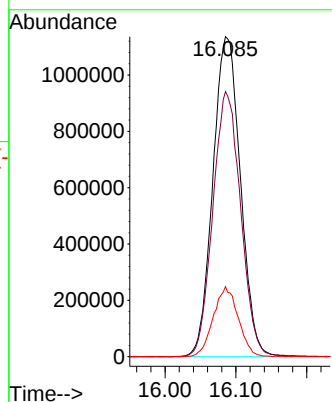
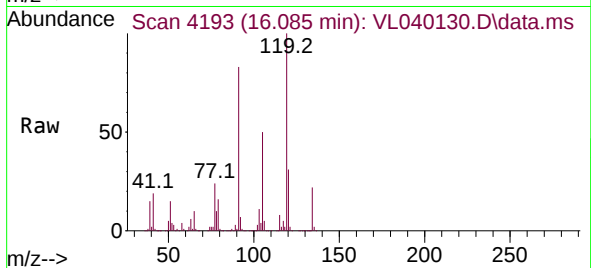




#65
tert-Butylbenzene
Concen: 10.691 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

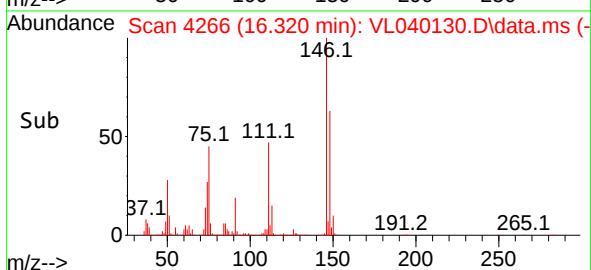
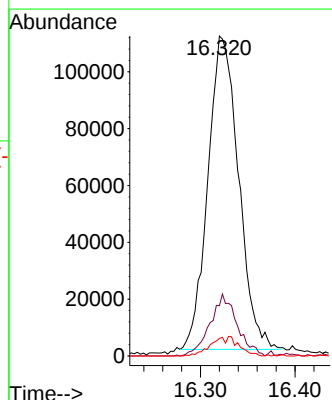
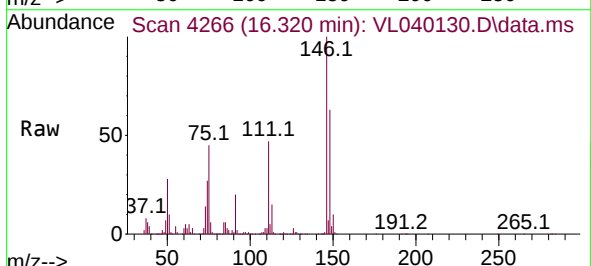
Instrument :
MSVOA_L
ClientSampleId :

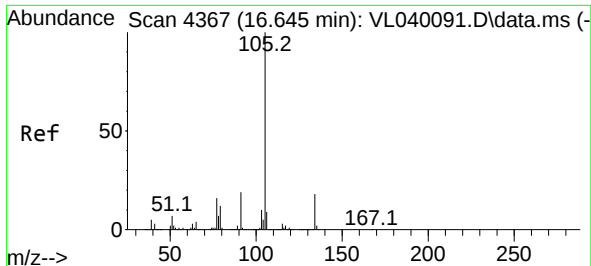
Tgt Ion:119 Resp: 3065352
Ion Ratio Lower Upper
119 100
91 83.7 69.5 104.3
134 19.9 15.8 23.8



#66
Benzyl Chloride
Concen: 12.682 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.023 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 91 Resp: 248506
Ion Ratio Lower Upper
91 100
126 17.9 11.5 17.3#
128 5.7 0.0 0.0#

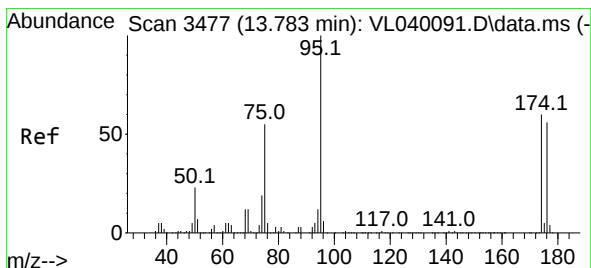
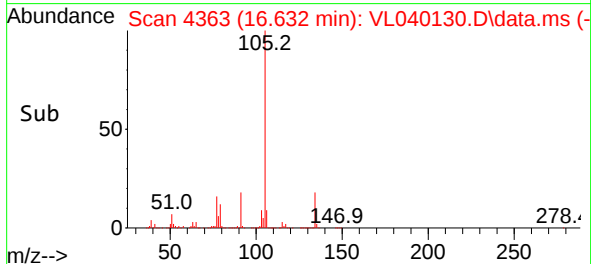
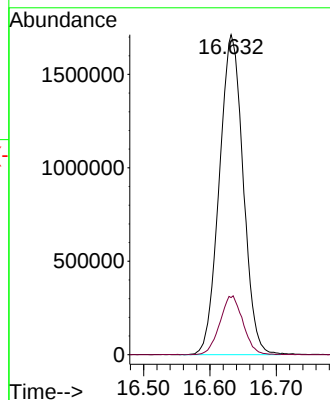
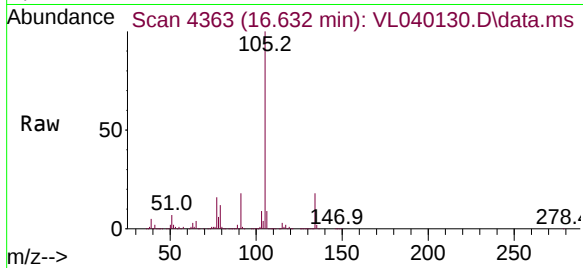




#67
 sec-Butylbenzene
 Concen: 10.525 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

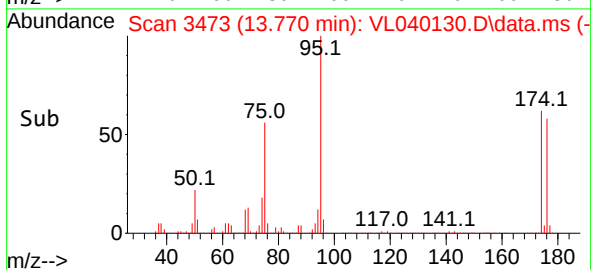
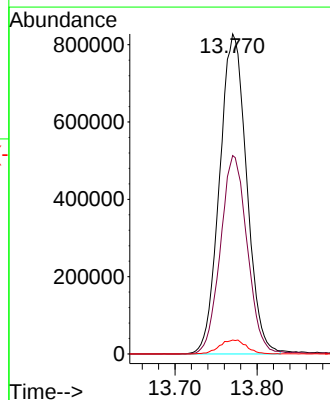
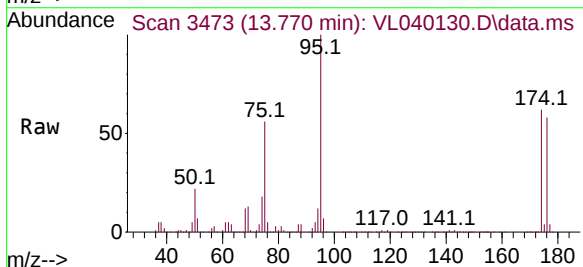
Instrument :
 MSVOA_L
 ClientSampleId :

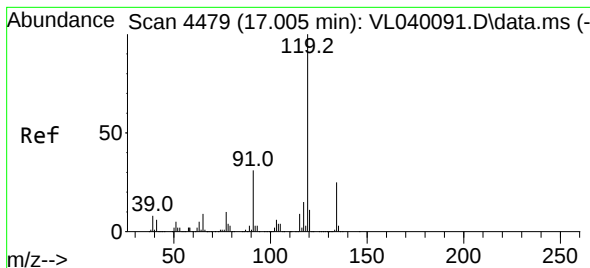
Tgt Ion:105 Resp: 4277990
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.336 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 95 Resp: 1896866
 Ion Ratio Lower Upper
 95 100
 174 62.0 47.7 71.5
 175 4.4 3.4 5.2





#69

p-Isopropyltoluene

Concen: 11.014 ppbv

RT: 16.992 min Scan# 4475

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

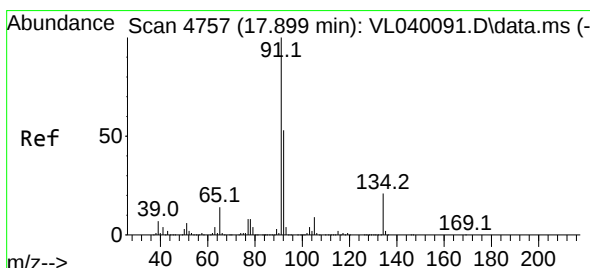
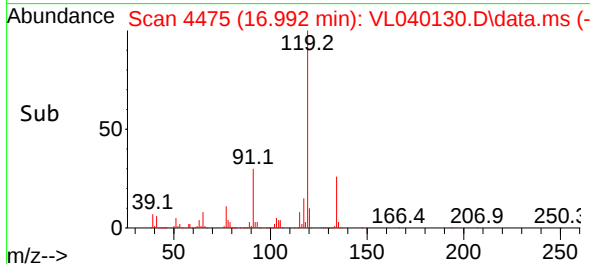
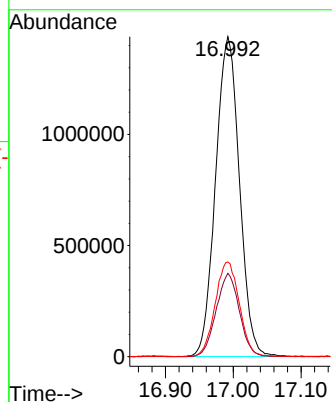
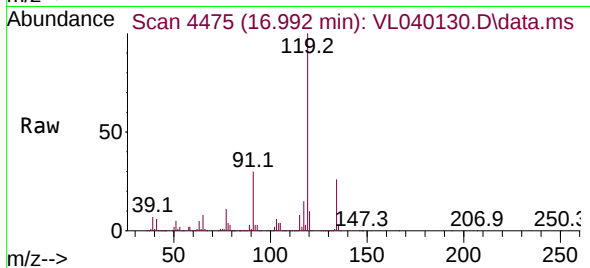
Tgt Ion:119 Resp: 3518187

Ion Ratio Lower Upper

119 100

134 25.4 20.1 30.1

91 30.0 25.0 37.4



#70

n-Butylbenzene

Concen: 10.722 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. -0.016 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

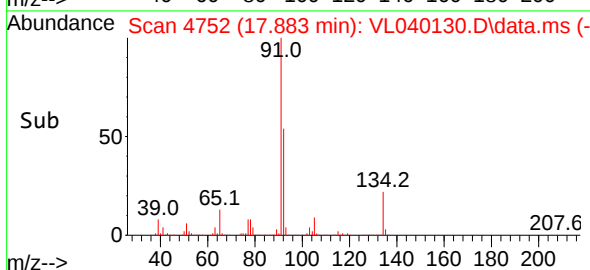
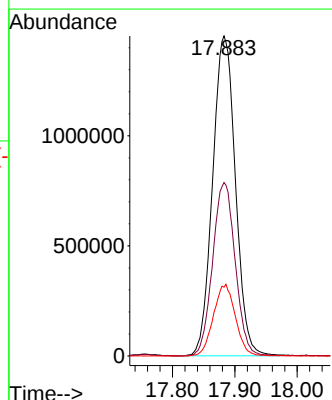
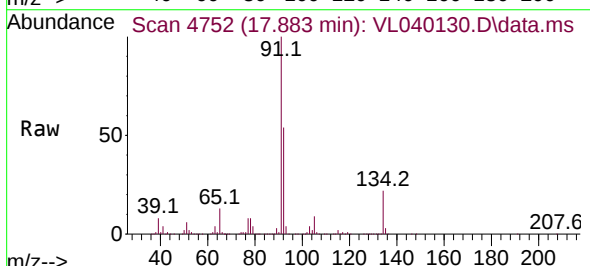
Tgt Ion: 91 Resp: 3693410

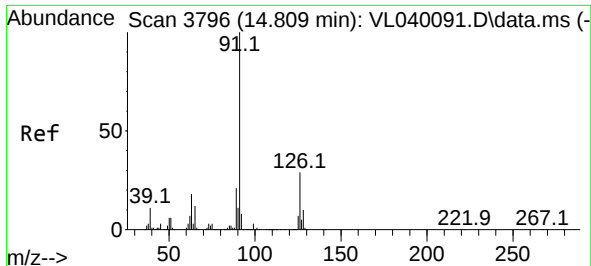
Ion Ratio Lower Upper

91 100

92 53.7 42.8 64.2

134 21.6 16.9 25.3

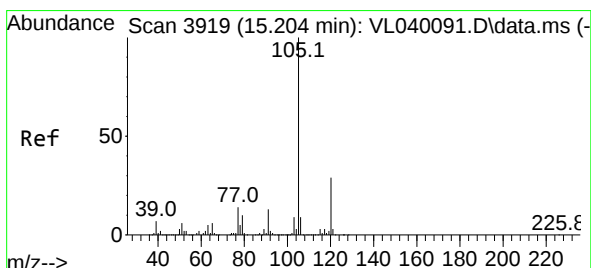
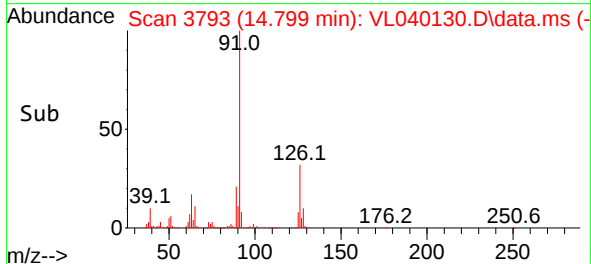
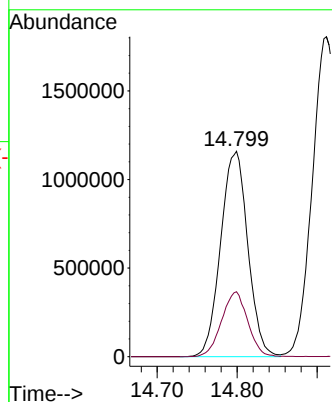
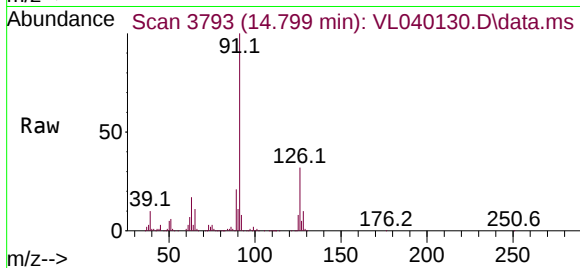




#71
2-Chlorotoluene
Concen: 10.606 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

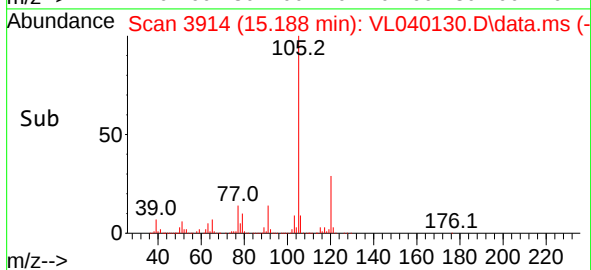
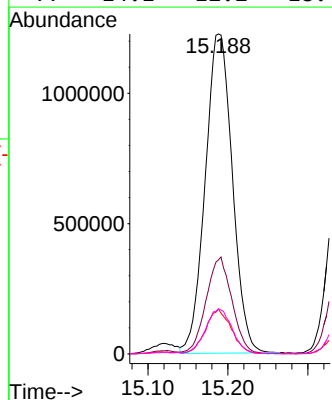
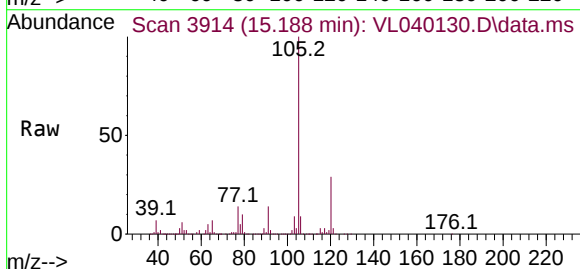
Instrument :
MSVOA_L
ClientSampleId :

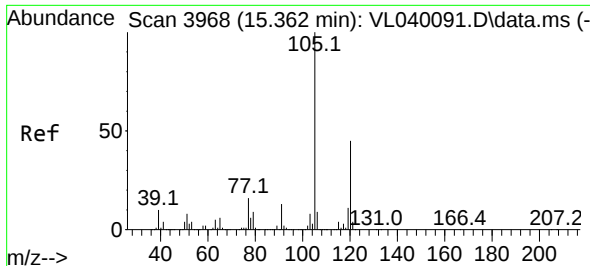
Tgt Ion: 91 Resp: 2731588
Ion Ratio Lower Upper
91 100
126 30.6 11.9 47.5



#72
4-Ethyltoluene
Concen: 11.188 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion:105 Resp: 2890605
Ion Ratio Lower Upper
105 100
120 29.1 23.1 34.7
91 14.1 11.2 16.8
77 14.1 12.2 18.4

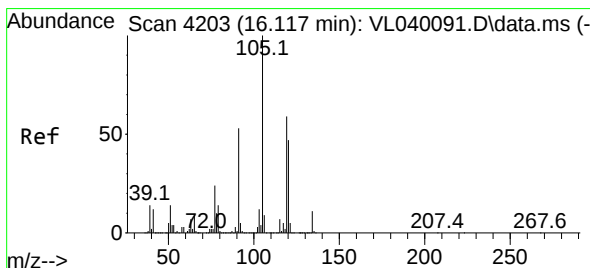
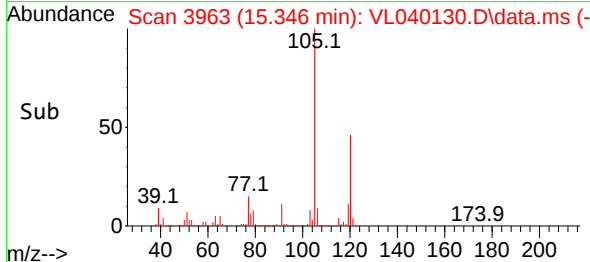
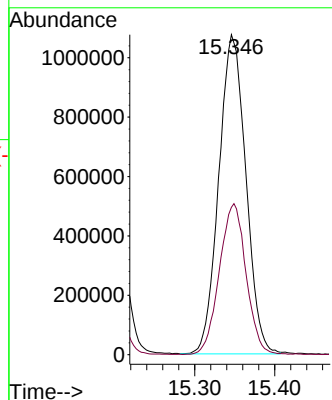
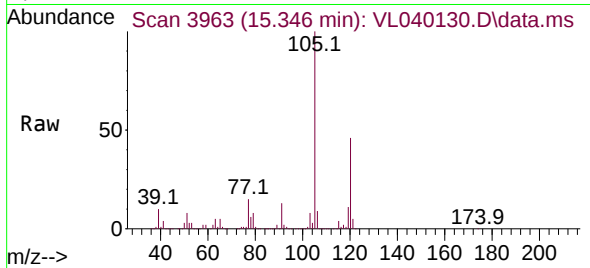




#73
 1,3,5-Trimethylbenzene
 Concen: 10.841 ppbv
 RT: 15.346 min Scan# 3968
 Delta R.T. -0.016 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

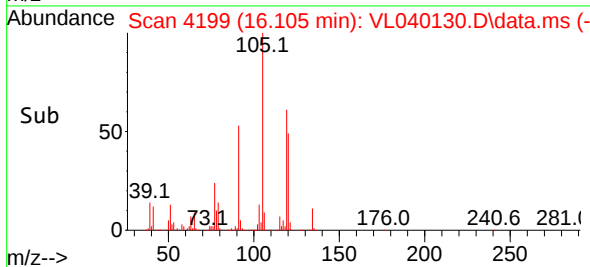
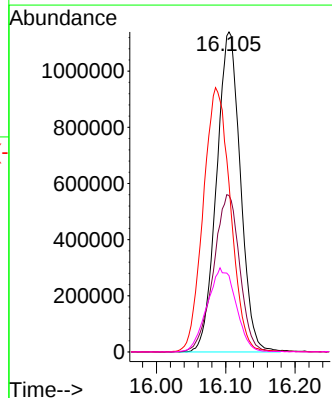
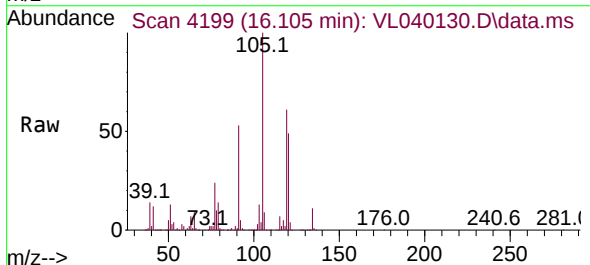
Instrument :
 MSVOA_L
 ClientSampleId :

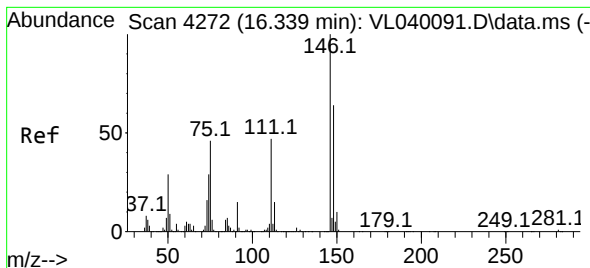
Tgt Ion:105 Resp: 2521926
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.2 54.4



#74
 1,2,4-Trimethylbenzene
 Concen: 10.563 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. -0.013 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion:105 Resp: 2721876
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.0 57.0
 91 52.5 42.1 63.1
 77 23.7 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 10.828 ppbv

RT: 16.326 min Scan# 4312

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

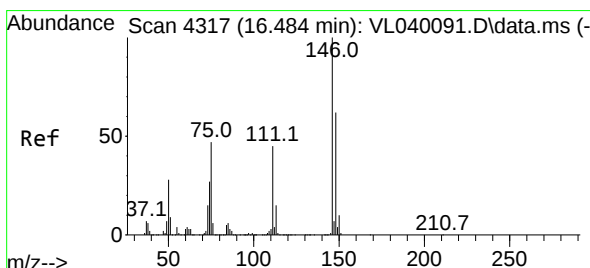
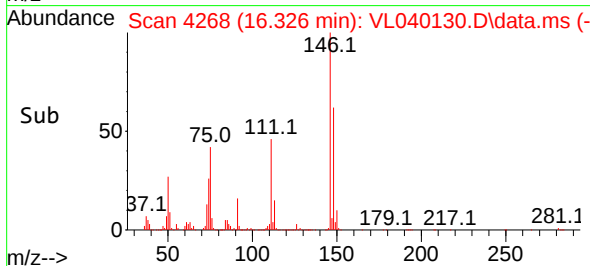
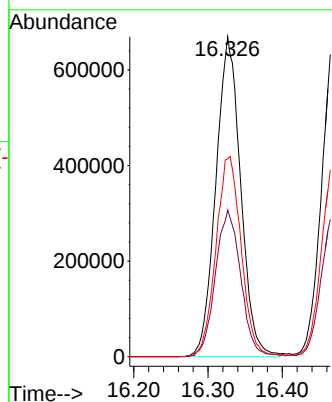
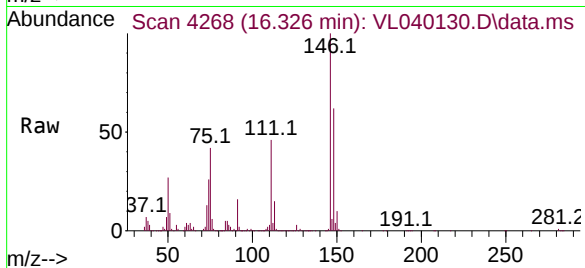
Tgt Ion:146 Resp: 1549624

Ion Ratio Lower Upper

146 100

111 46.9 24.3 73.0

148 64.1 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 10.654 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.016 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

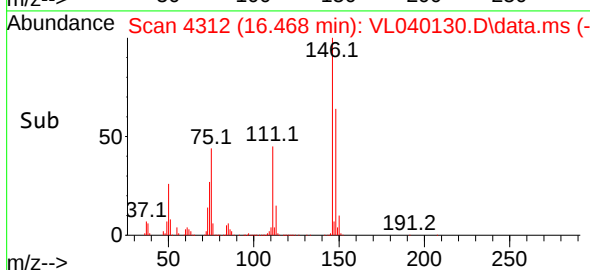
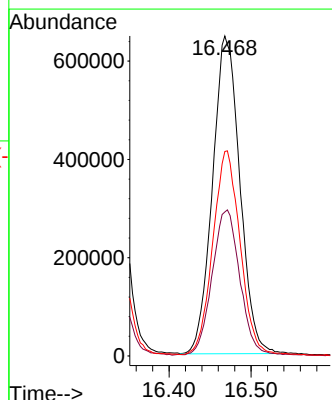
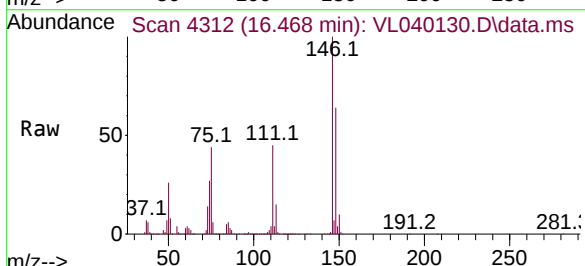
Tgt Ion:146 Resp: 1499250

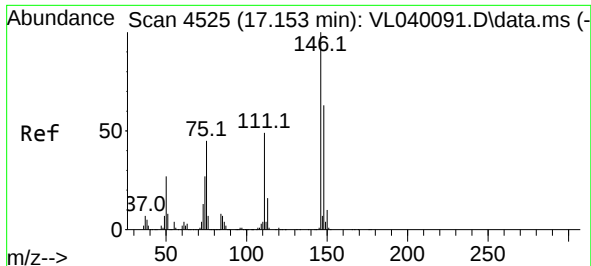
Ion Ratio Lower Upper

146 100

111 46.8 23.8 71.2

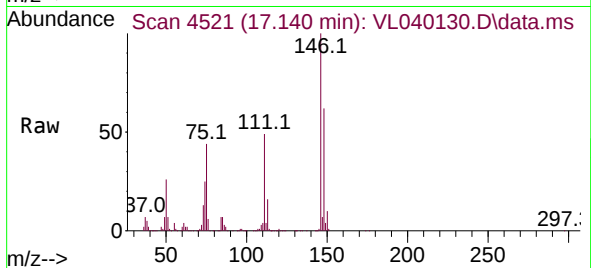
148 65.6 32.8 98.4



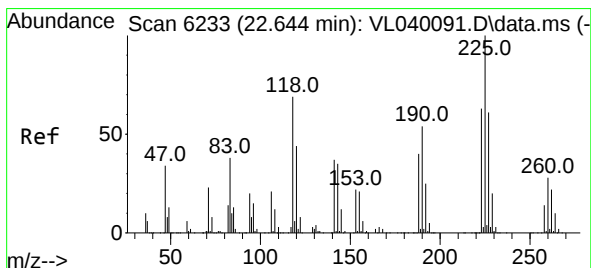
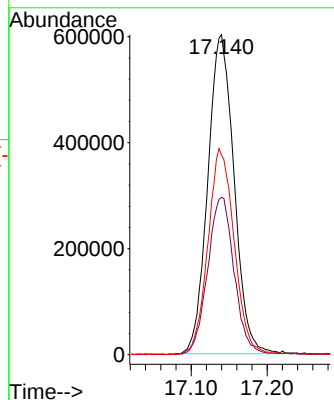
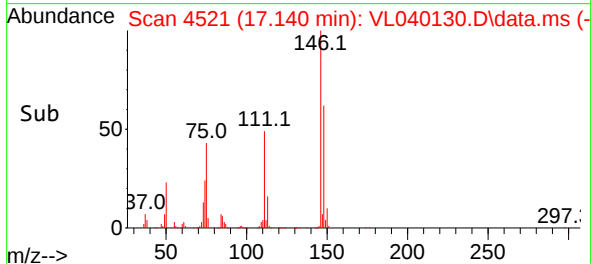


#77
1,2-Dichlorobenzene
Concen: 10.550 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :

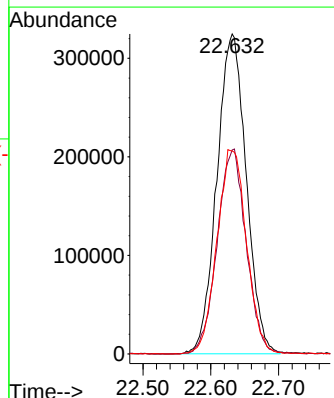
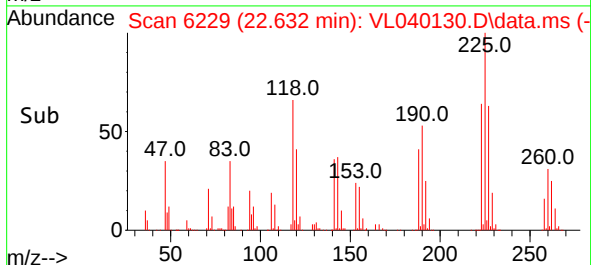
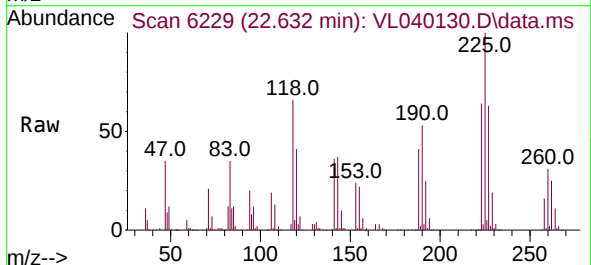


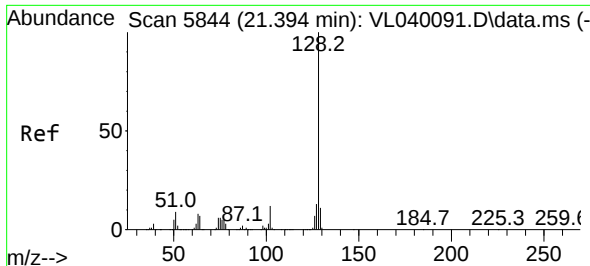
Tgt Ion:146 Resp: 1443936
Ion Ratio Lower Upper
146 100
111 49.8 25.1 75.2
148 64.8 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 9.739 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion:225 Resp: 976296
Ion Ratio Lower Upper
225 100
223 63.6 51.5 77.3
227 64.4 50.6 76.0

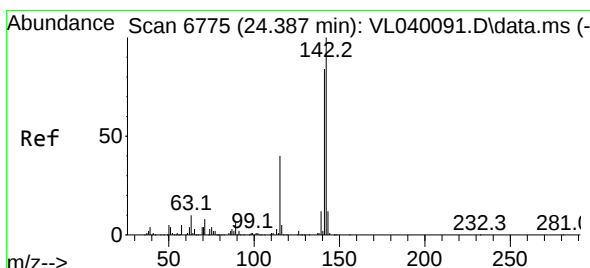
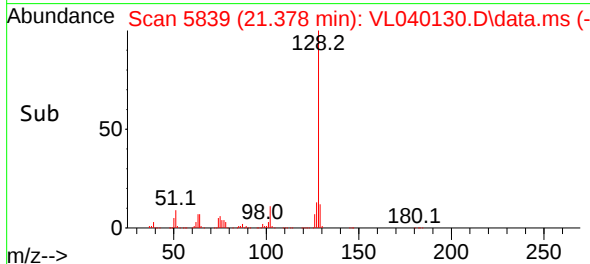
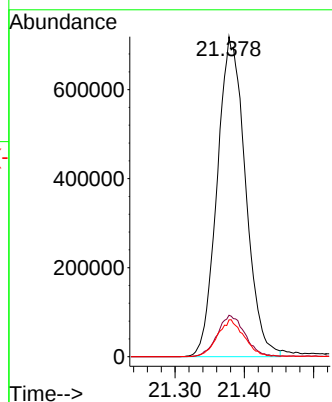
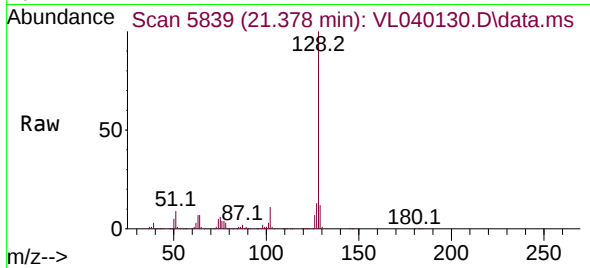




#79
Naphthalene
Concen: 13.807 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

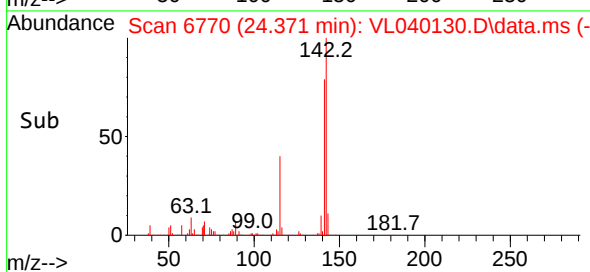
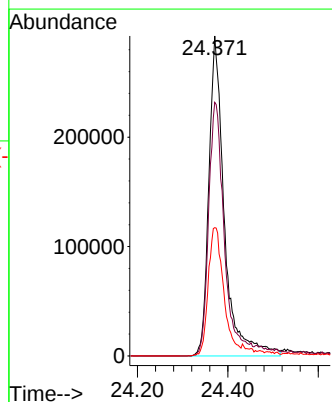
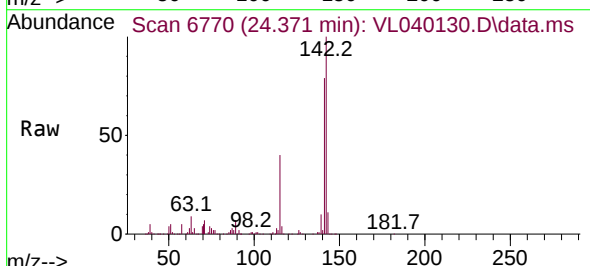
Instrument :
MSVOA_L
ClientSampleId :

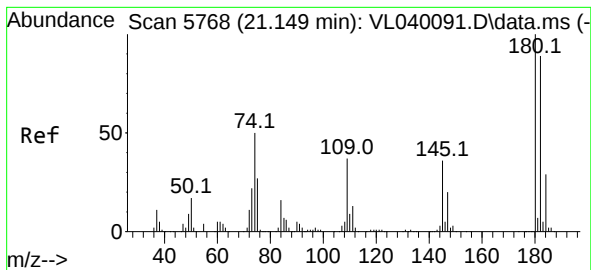
Tgt Ion:128 Resp: 2038146
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.5 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 14.037 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion:142 Resp: 698200
Ion Ratio Lower Upper
142 100
141 85.6 65.0 97.6
115 43.6 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.460 ppbv

RT: 21.140 min Scan# 51

Delta R.T. -0.010 min

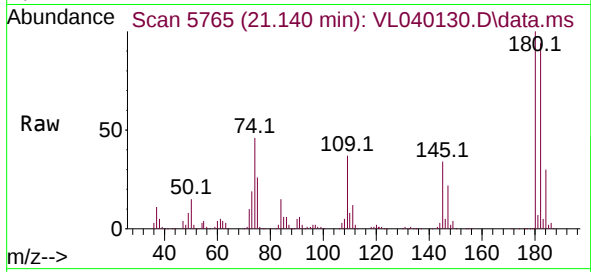
Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1042664

Ion Ratio Lower Upper

180 100

182 98.1 78.6 117.8

184 30.7 25.1 37.7

