

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039740.D
 Acq On : 21 Oct 2022 10:04
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Oct 22 03:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	947519	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2880352	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3259296	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1936543	8.370	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	1891870	11.924	ppbv	100
3) Chlorodifluoromethane	2.693	51	1169956	9.691	ppbv	100
4) Chloromethane	2.832	50	715058	9.466	ppbv	100
5) Vinyl Chloride	2.938	62	615800	10.385	ppbv	100
6) Bromomethane	3.140	94	219994	10.018	ppbv	100
7) Chloroethane	3.217	64	228661	10.405	ppbv	100
8) Dichlorotetrafluoroethane	2.877	85	1495679	10.160	ppbv	100
9) Propene	2.716	41	544581	9.879	ppbv	100
10) Heptane	7.577	43	1397434	10.924	ppbv	99
11) Trichlorofluoromethane	3.578	101	1521394	10.301	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.079	101	1186243	9.984	ppbv	100
13) Ethanol	3.263	45	30761	8.190	ppbv	91
14) Bromoethene	3.381	108	461228	10.191	ppbv	100
15) Acetone	3.484	43	1120729	9.796	ppbv	100
16) 1,3-Butadiene	3.005	39	588120	10.242	ppbv	100
17) tert-Butyl alcohol	3.889	59	1019033	10.484	ppbv	100
18) 1,1-Dichloroethene	3.893	96	514659	10.095	ppbv	100
19) Isopropyl Alcohol	3.590	45	564296	10.100	ppbv	98
20) Methylene Chloride	3.947	84	424567	9.231	ppbv	100
21) Allyl Chloride	4.008	41	800835	10.142	ppbv	96
22) trans-1,2-Dichloroethene	4.455	96	532738	10.292	ppbv	100
23) Vinyl Acetate	4.635	43	448753	9.296	ppbv	100
24) 1,1-Dichloroethane	4.574	63	1119951	10.176	ppbv	100
25) Ethyl Acetate	5.214	43	2233605	9.745	ppbv	100
26) Hexane	5.221	57	895014	9.588	ppbv	100
27) Carbon Disulfide	4.137	76	1343053	11.490	ppbv	99
28) Methyl tert-Butyl Ether	4.597	73	909887	10.278	ppbv	100
29) Chloroform	5.282	83	1482287	9.906	ppbv	100
30) Cyclohexane	6.600	84	834649	10.636	ppbv	100
31) cis-1,2-Dichloroethene	5.082	61	847117	10.120	ppbv	100
32) 1,1,1-Trichloroethane	6.008	97	1473421	11.352	ppbv	100
34) 2-Butanone	4.796	43	1266758	9.535	ppbv	100
35) Carbon Tetrachloride	6.494	117	1584331	10.613	ppbv	100
36) Benzene	6.375	78	2108531	9.700	ppbv	100
37) 1,2-Dichloroethane	5.812	62	1150252	9.823	ppbv	100
38) Trichloroethene	7.291	130	1235886	10.600	ppbv	100
39) 1,2-Dichloropropane	7.073	63	802923	9.629	ppbv	100
40) 1,4-Dioxane	7.282	88	159006	4.978	ppbv #	1
41) Tetrahydrofuran	5.561	42	869490	10.207	ppbv	100
42) Bromodichloromethane	7.246	83	1682128	10.460	ppbv	100
43) Methyl Methacrylate	7.475	69	839093	10.730	ppbv	99
44) 2,2,4-Trimethylpentane	7.323	57	3628799	9.852	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	782749	12.093	ppbv	100

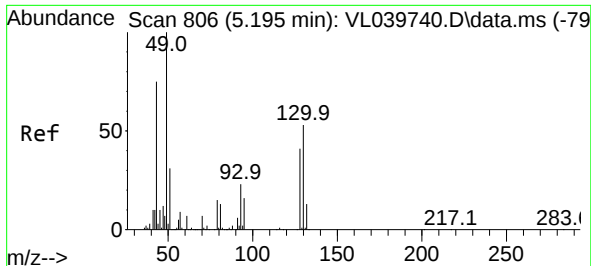
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1071865	11.690	ppbv	100
47) 1,1,2-Trichloroethane	8.893	97	882746	9.748	ppbv	100
48) Dibromochloromethane	9.703	129	1494082	10.936	ppbv	100
49) Bromoform	12.394	173	1254054	11.402	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2259309	10.430	ppbv	100
51) 2-Hexanone	9.548	43	1749486	11.268	ppbv	99
52) Tetrachloroethene	10.606	164	795947	10.143	ppbv	100
53) Toluene	9.217	91	2522412	10.746	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1003023	11.014	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.500	131	1070864	8.095	ppbv	97
57) Chlorobenzene	11.519	112	1894589	7.923	ppbv	100
58) Ethyl Benzene	12.079	91	3342886	8.880	ppbv	100
59) m/p-Xylene	12.365	91	3067946	9.221	ppbv #	43
60) o-Xylene	13.050	91	2719314	8.544	ppbv	100
61) Styrene	12.889	104	1631627	9.798	ppbv	100
62) Isopropylbenzene	14.021	105	3939036	8.309	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	966919	7.949	ppbv	100
64) n-propylbenzene	14.905	120	1010952	8.488	ppbv	100
65) tert-Butylbenzene	16.079	119	3430142	8.259	ppbv	100
66) Benzyl Chloride	16.317	91	255833	8.816	ppbv	99
67) sec-Butylbenzene	16.629	105	4779999	8.319	ppbv	100
69) p-Isopropyltoluene	16.985	119	3938139	8.505	ppbv	100
70) n-Butylbenzene	17.876	91	3840207	8.617	ppbv	100
71) 2-Chlorotoluene	14.793	91	2904405	8.609	ppbv	100
72) 4-Ethyltoluene	15.185	105	3174194	8.936	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2812650	8.505	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	2989439	8.229	ppbv	100
75) 1,3-Dichlorobenzene	16.323	146	1756873	8.076	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1726261	8.122	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1651388	7.810	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1042962	6.827	ppbv	100
79) Naphthalene	21.368	128	1955785	9.196	ppbv	100
80) Naphthalene,2-methyl-	24.371	142	575595	9.063	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	465190	3.265	ppbv #	100

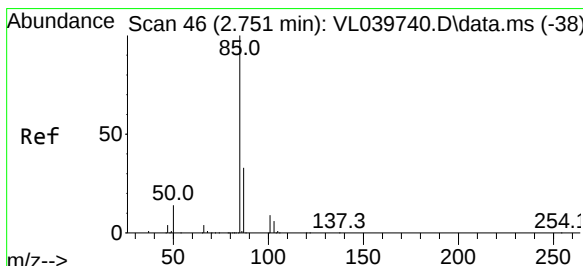
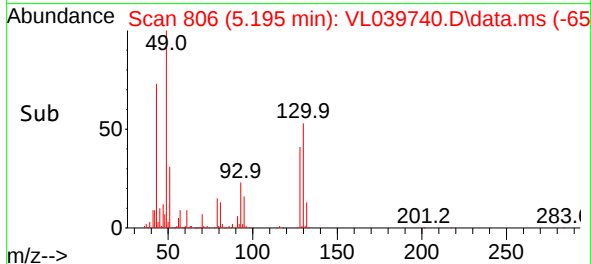
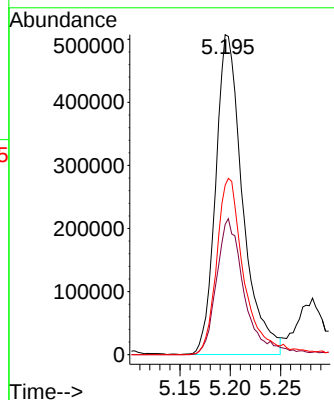
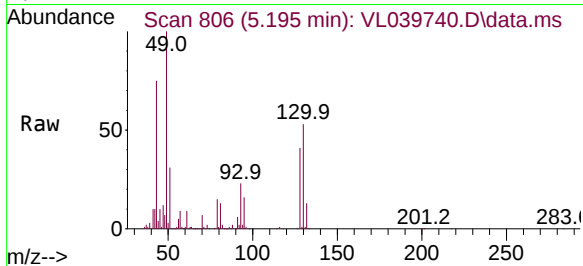
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

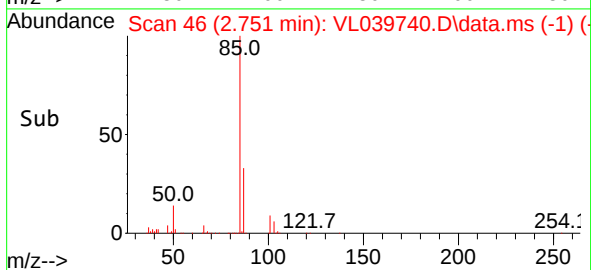
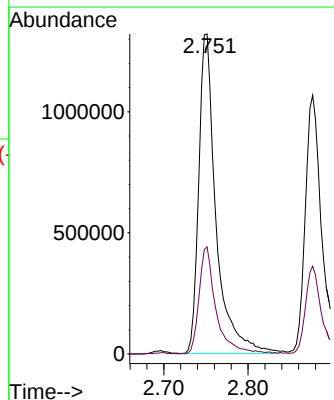
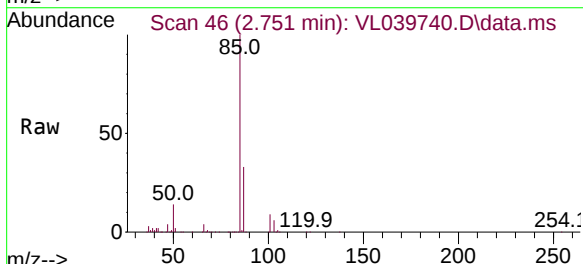
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

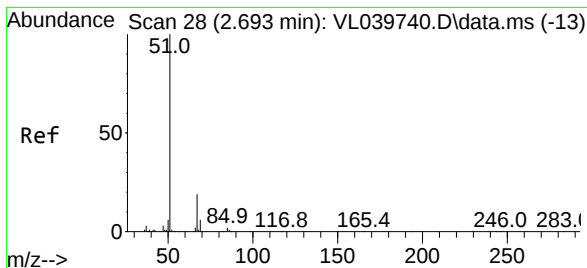
Tgt Ion: 49 Resp: 947519
Ion Ratio Lower Upper
49 100
128 45.2 22.6 67.8
130 58.0 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 11.924 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 85 Resp: 1891870
Ion Ratio Lower Upper
85 100
87 33.3 26.6 40.0

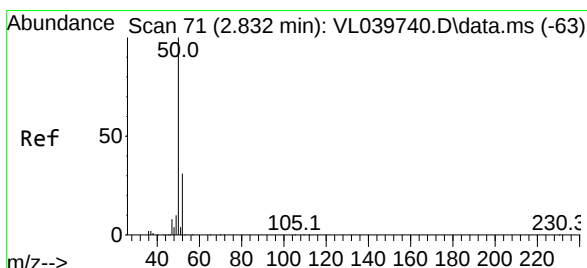
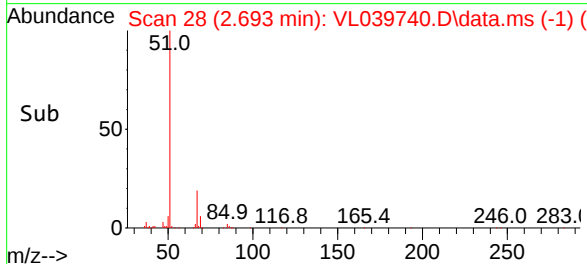
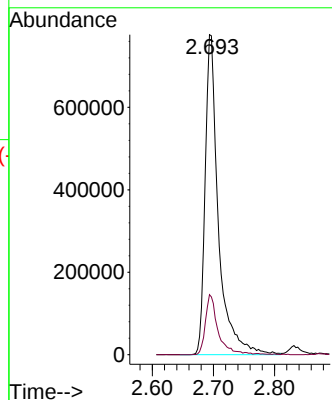
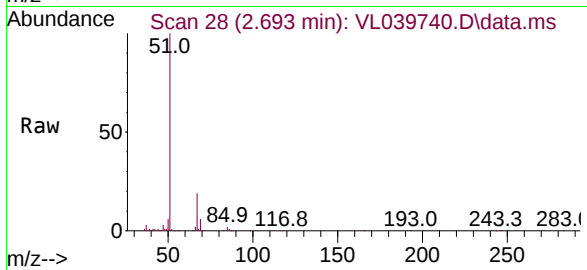




#3
Chlorodifluoromethane
Concen: 9.691 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

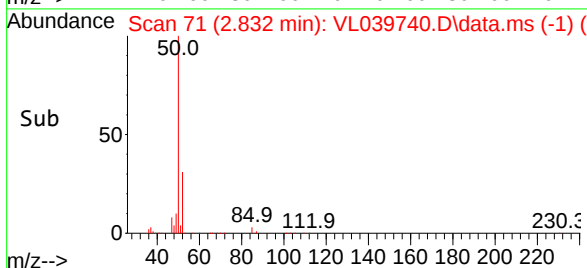
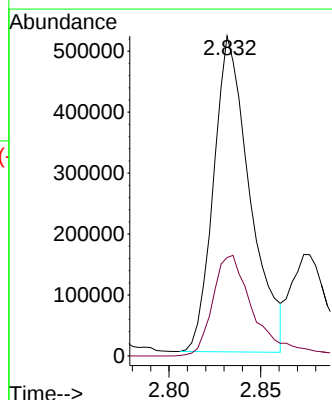
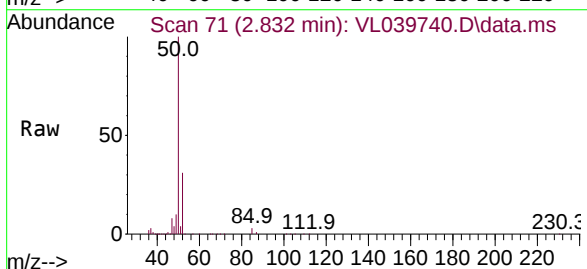
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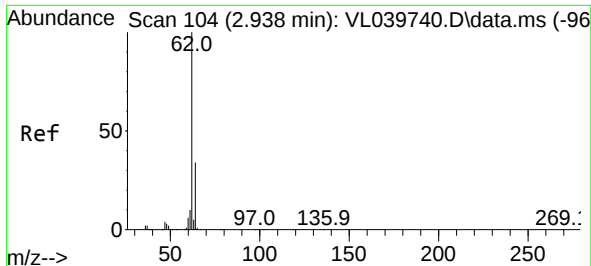
Tgt Ion: 51 Resp: 1169956
Ion Ratio Lower Upper
51 100
67 18.2 14.6 21.8



#4
Chloromethane
Concen: 9.466 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 50 Resp: 715058
Ion Ratio Lower Upper
50 100
52 31.0 24.8 37.2

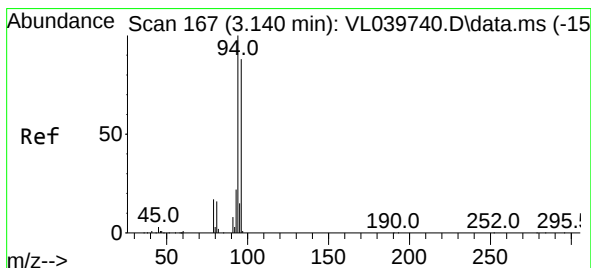
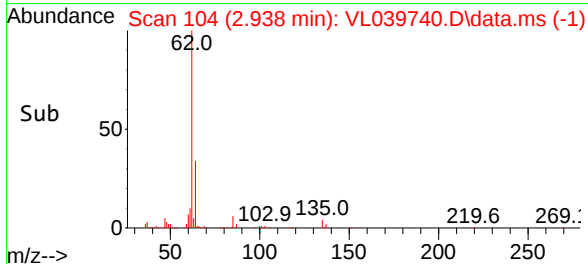
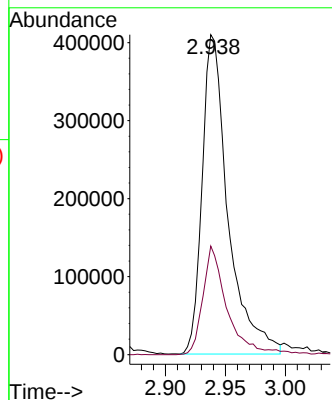
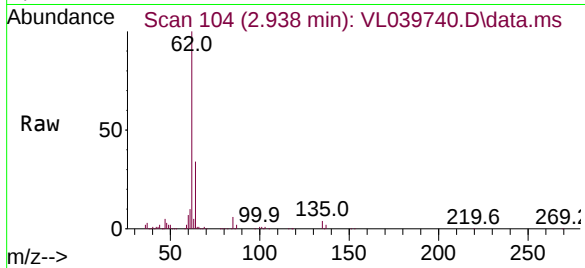




#5
 Vinyl Chloride
 Concen: 10.385 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

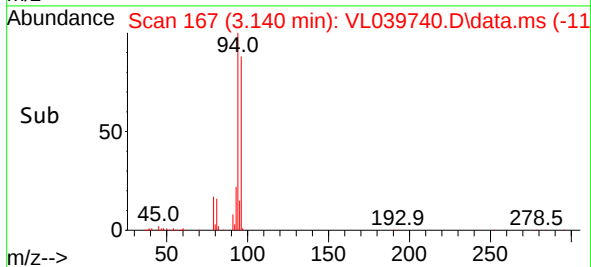
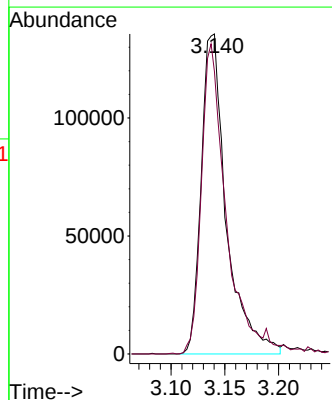
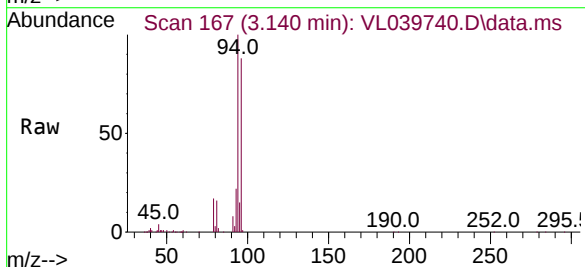
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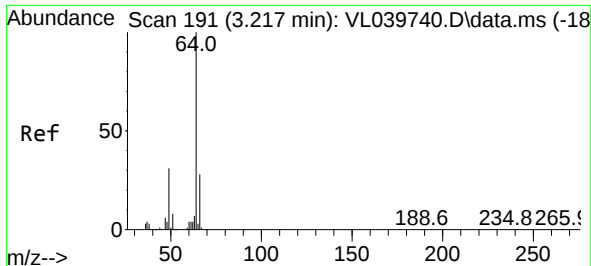
Tgt Ion: 62 Resp: 615800
 Ion Ratio Lower Upper
 62 100
 64 33.9 27.1 40.7



#6
 Bromomethane
 Concen: 10.018 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Tgt Ion: 94 Resp: 219994
 Ion Ratio Lower Upper
 94 100
 96 88.1 70.5 105.7

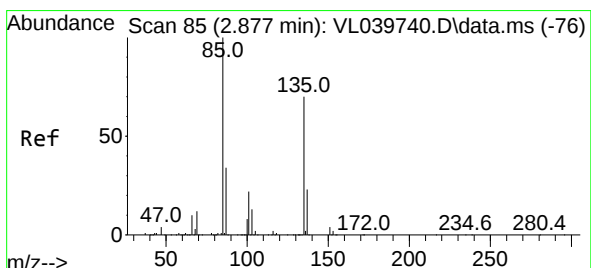
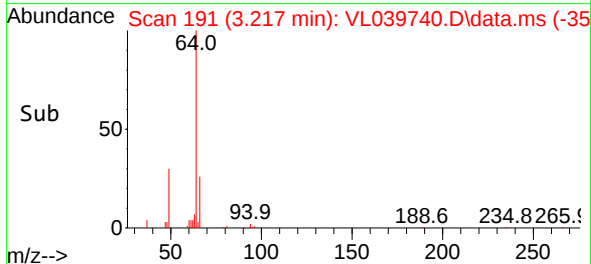
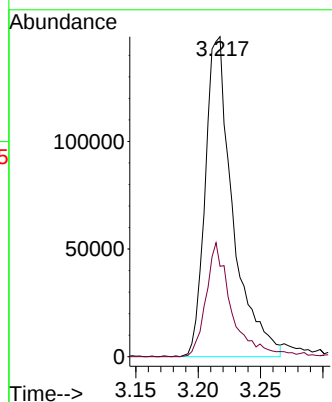
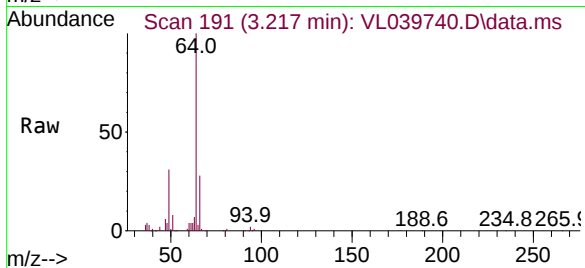




#7
Chloroethane
Concen: 10.405 ppbv
RT: 3.217 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

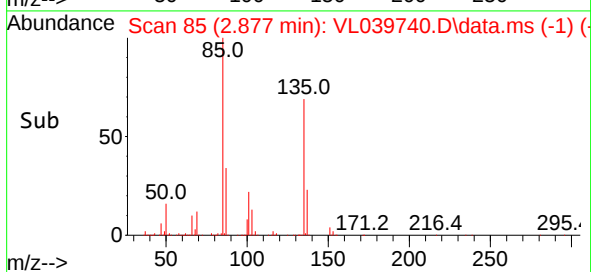
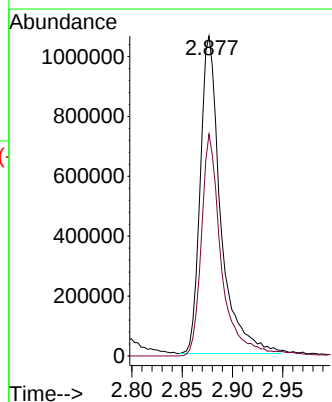
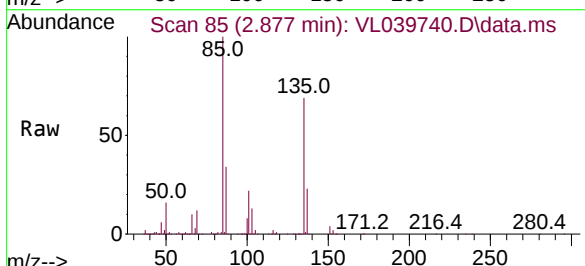
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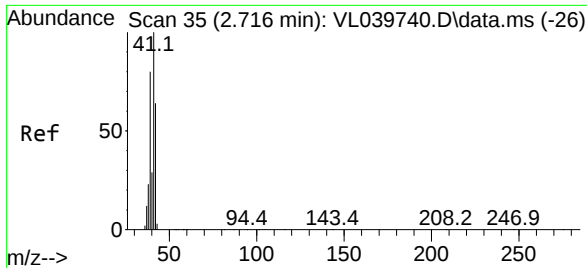
Tgt Ion: 64 Resp: 228661
Ion Ratio Lower Upper
64 100
66 28.3 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 10.160 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 85 Resp: 1495679
Ion Ratio Lower Upper
85 100
135 70.1 56.1 84.1





#9

Propene

Concen: 9.879 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

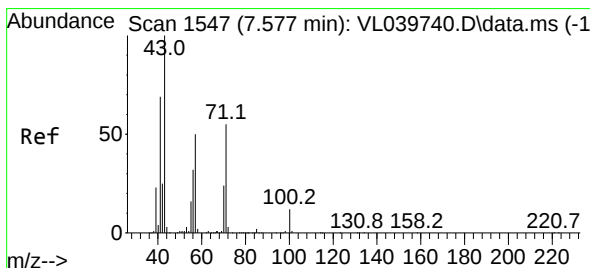
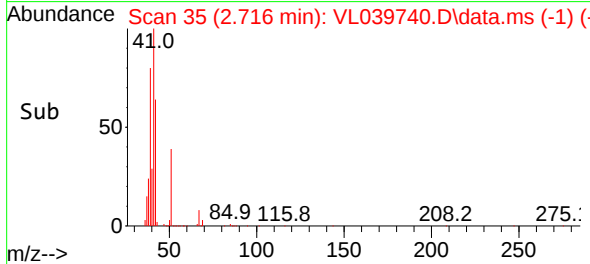
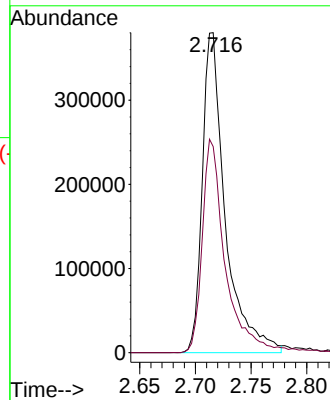
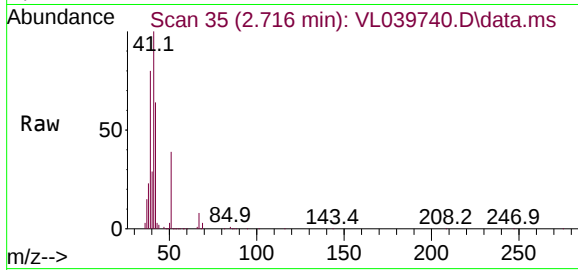
VSTDICCC010

Tgt Ion: 41 Resp: 544581

Ion Ratio Lower Upper

41 100

42 68.0 54.4 81.6



#10

Heptane

Concen: 10.924 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL039740.D

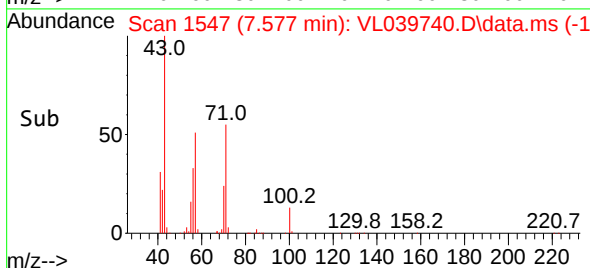
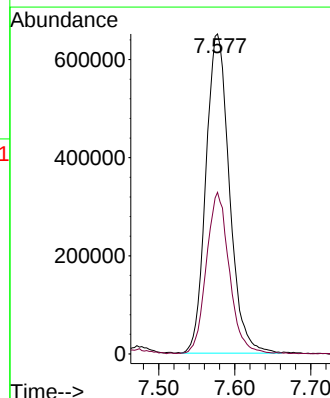
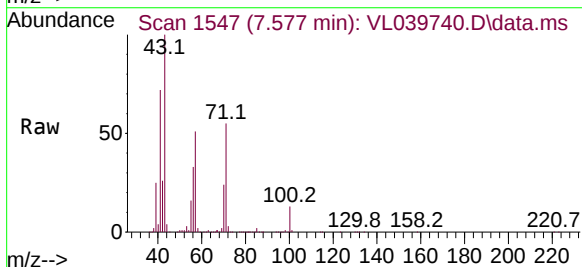
Acq: 21 Oct 2022 10:04

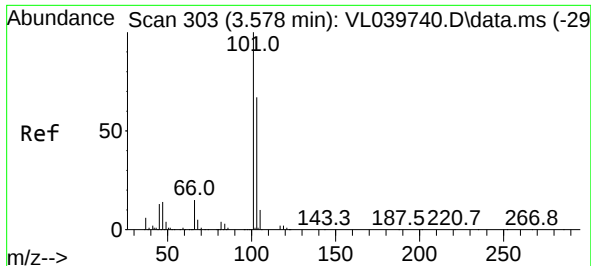
Tgt Ion: 43 Resp: 1397434

Ion Ratio Lower Upper

43 100

57 49.5 40.0 60.0

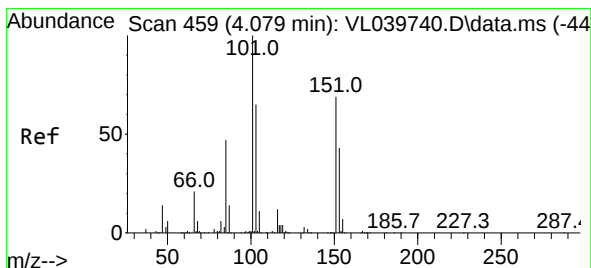
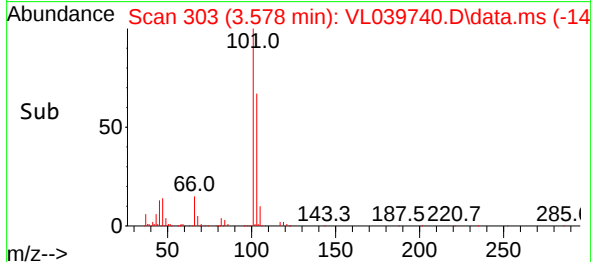
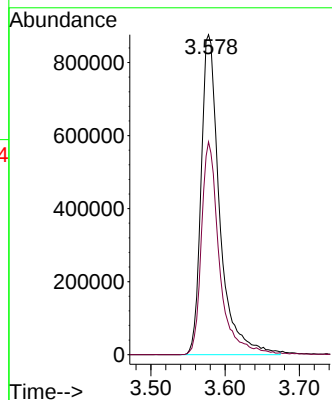
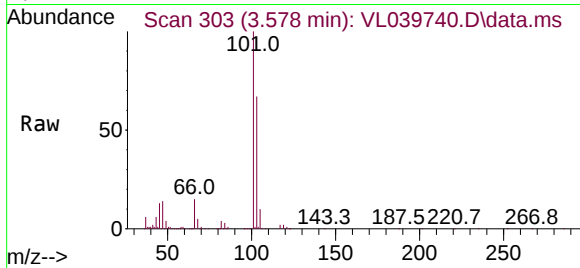




#11
Trichlorofluoromethane
Concen: 10.301 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

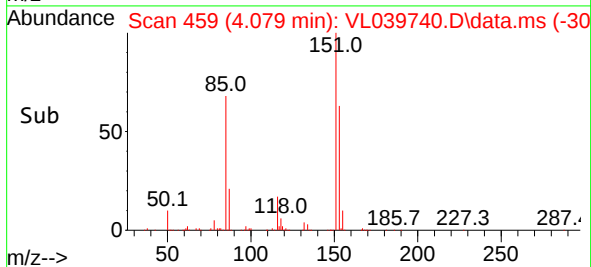
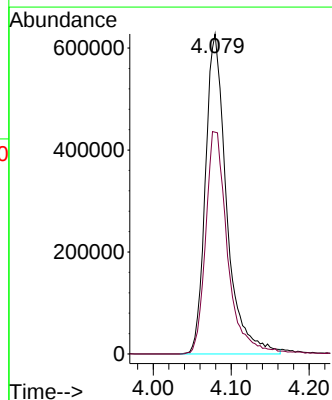
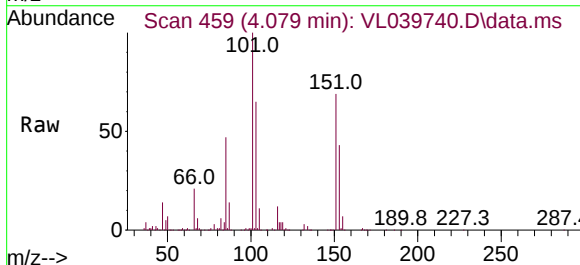
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

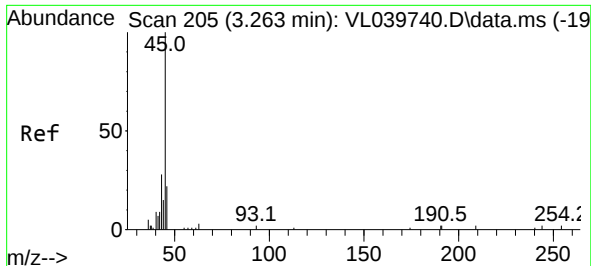
Tgt Ion:101 Resp: 1521394
Ion Ratio Lower Upper
101 100
103 66.5 53.2 79.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.984 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion:101 Resp: 1186243
Ion Ratio Lower Upper
101 100
151 72.5 58.0 87.0

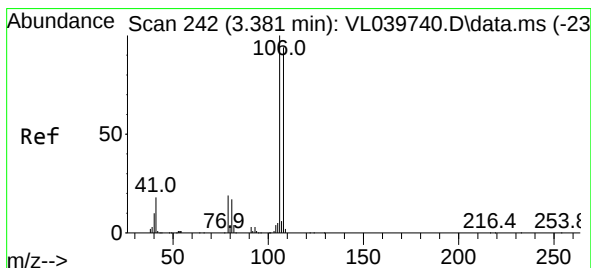
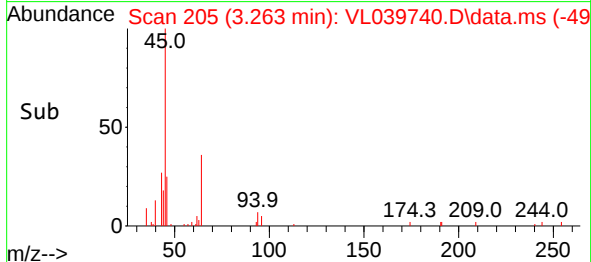
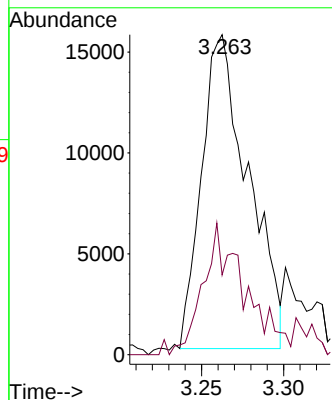
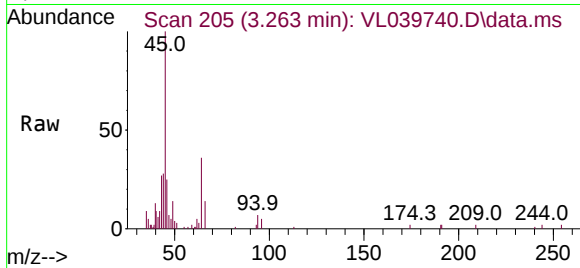




#13
Ethanol
Concen: 8.190 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

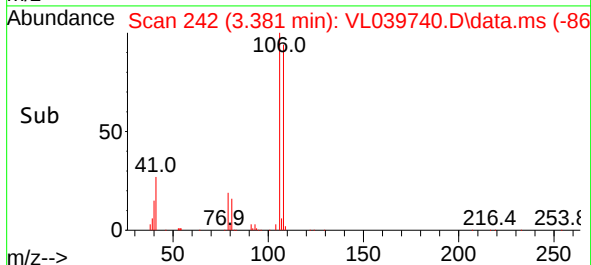
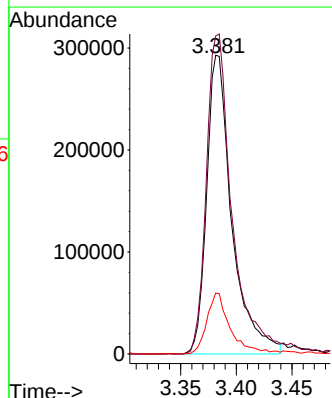
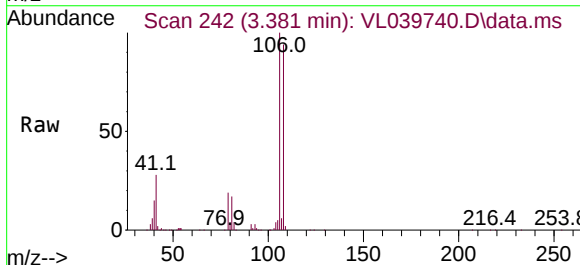
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

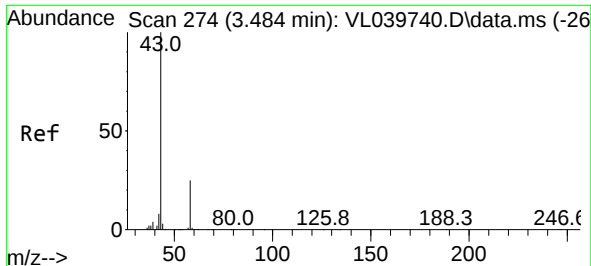
Tgt Ion: 45 Resp: 30761
Ion Ratio Lower Upper
45 100
46 42.5 14.8 59.2



#14
Bromoethene
Concen: 10.191 ppbv
RT: 3.381 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 108 Resp: 461228
Ion Ratio Lower Upper
108 100
106 112.8 90.2 135.4
79 19.8 16.2 24.2

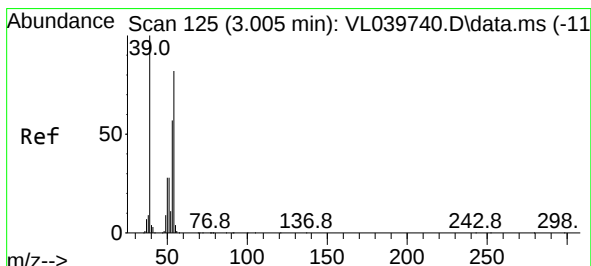
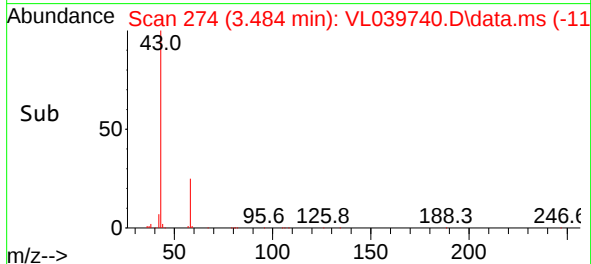
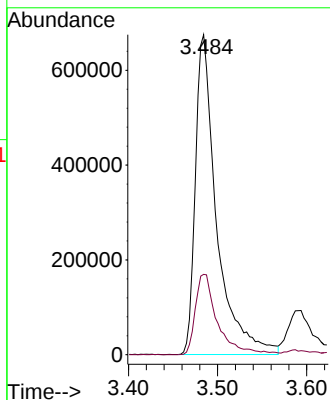
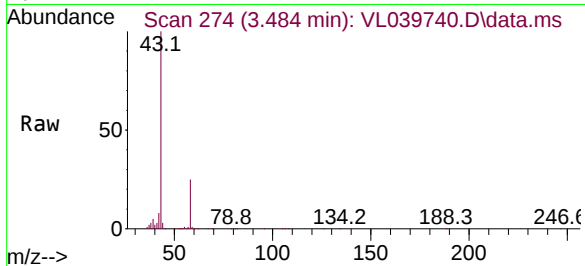




#15
Acetone
Concen: 9.796 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

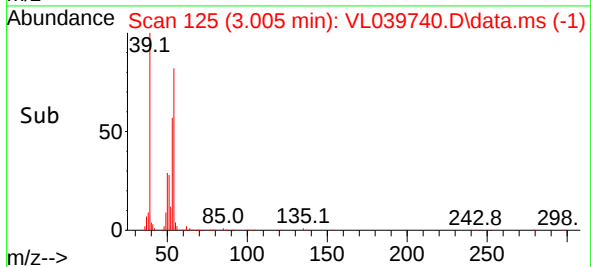
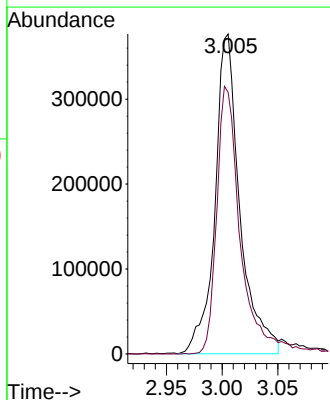
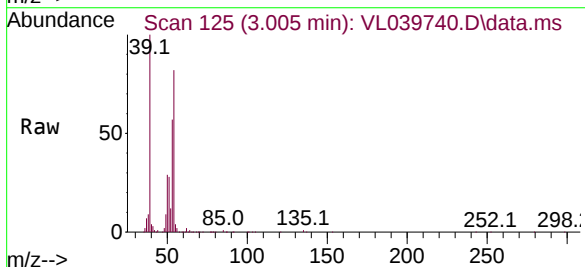
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

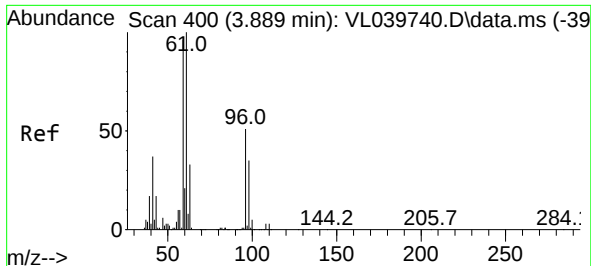
Tgt Ion: 43 Resp: 1120729
Ion Ratio Lower Upper
43 100
58 26.3 20.9 31.3



#16
1,3-Butadiene
Concen: 10.242 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 39 Resp: 588120
Ion Ratio Lower Upper
39 100
54 81.5 65.2 97.8





#17

tert-Butyl alcohol

Concen: 10.484 ppbv

RT: 3.889 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

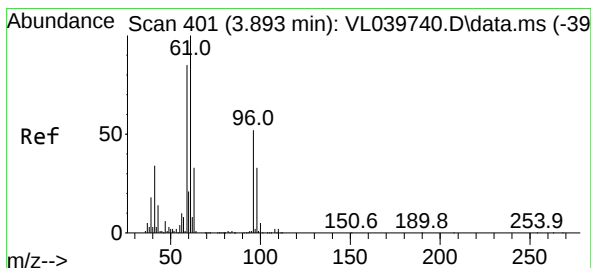
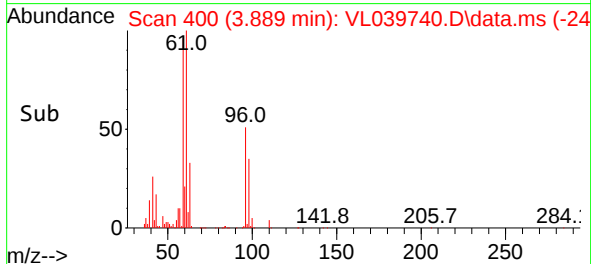
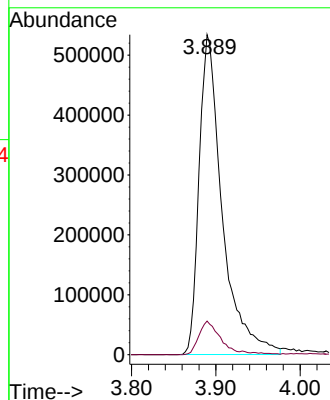
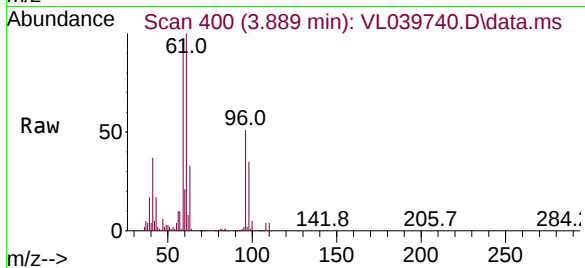
VSTDICCC010

Tgt Ion: 59 Resp: 1019033

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.095 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

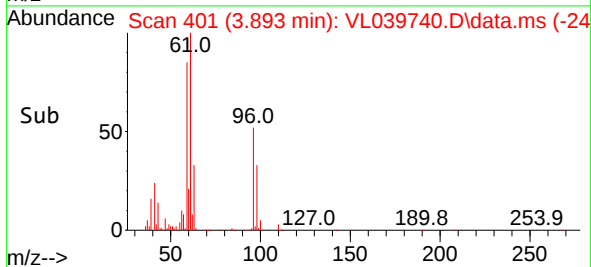
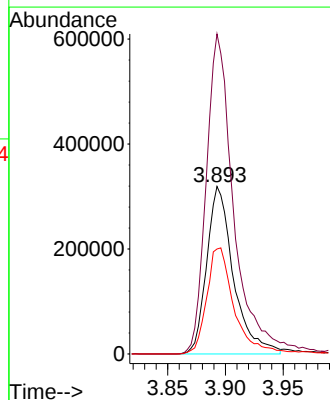
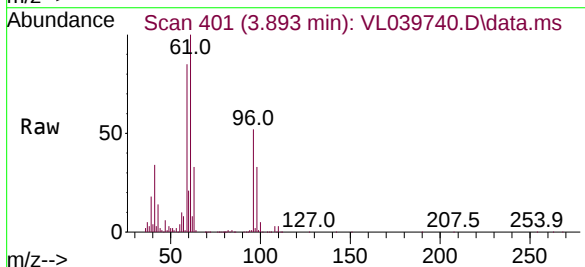
Tgt Ion: 96 Resp: 514659

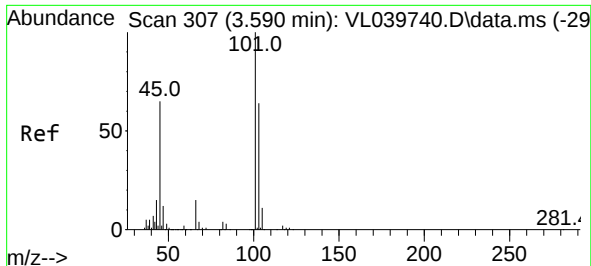
Ion Ratio Lower Upper

96 100

61 190.9 152.7 229.1

98 62.7 50.2 75.2

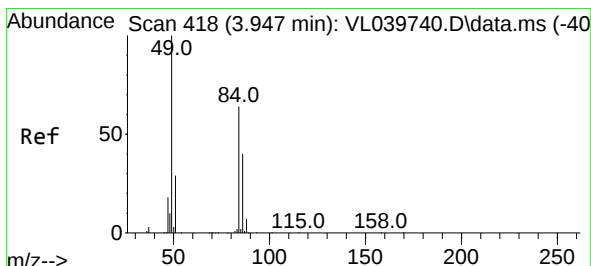
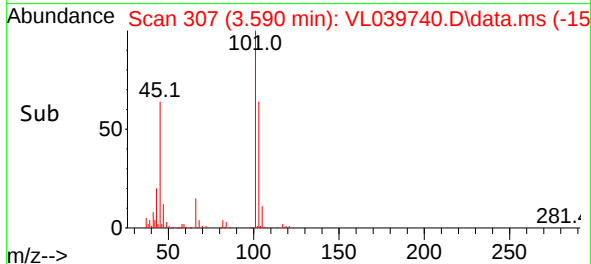
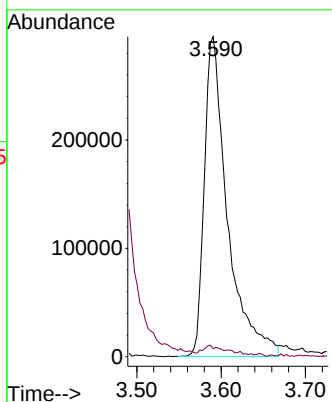
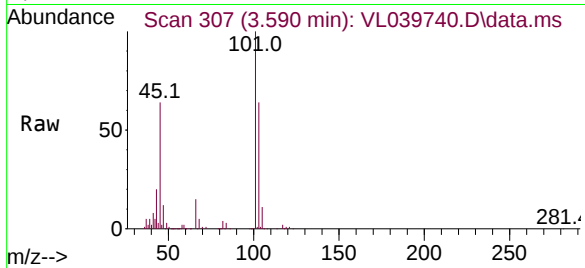




#19
Isopropyl Alcohol
Concen: 10.100 ppbv
RT: 3.590 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

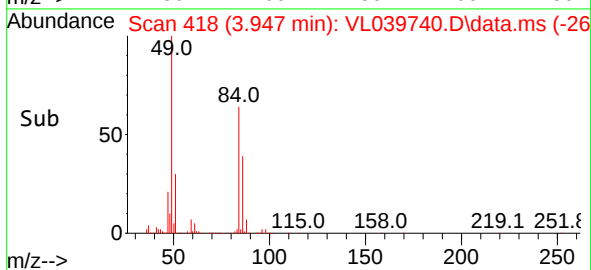
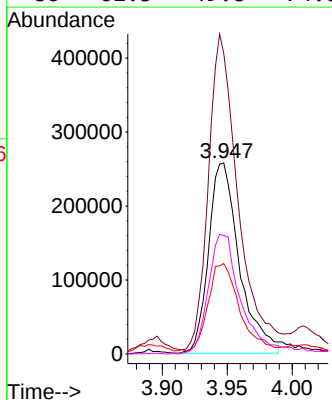
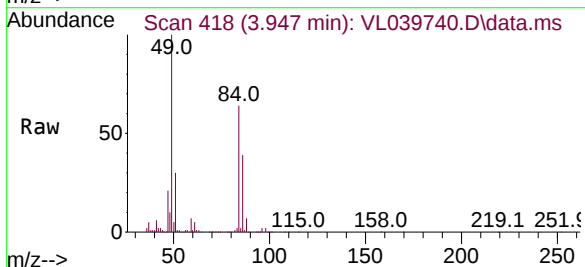
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

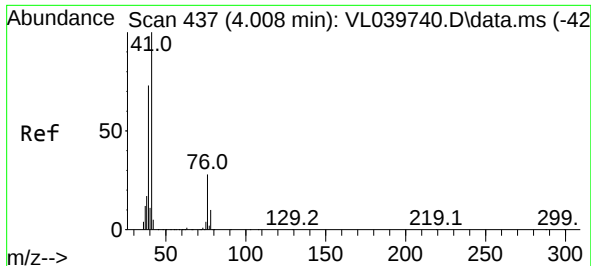
Tgt Ion: 45 Resp: 564296
Ion Ratio Lower Upper
45 100
58 4.7 3.3 4.9



#20
Methylene Chloride
Concen: 9.231 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 84 Resp: 424567
Ion Ratio Lower Upper
84 100
49 155.3 124.2 186.4
51 45.7 36.6 54.8
86 62.3 49.8 74.8





#21

Allyl Chloride

Concen: 10.142 ppbv

RT: 4.008 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

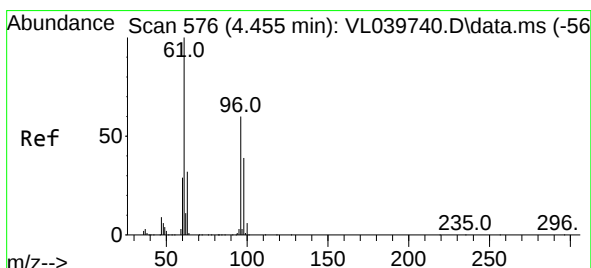
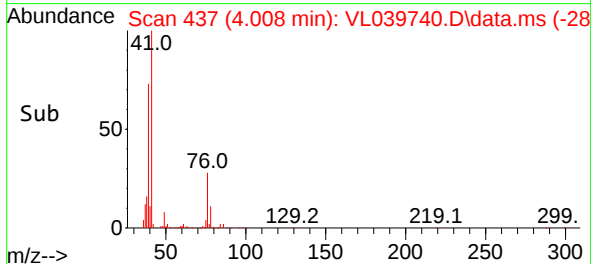
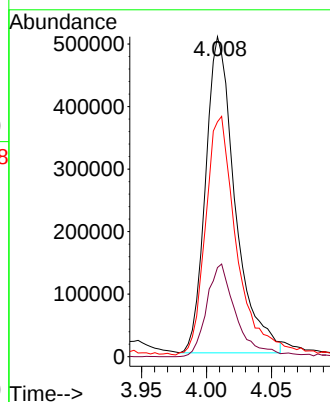
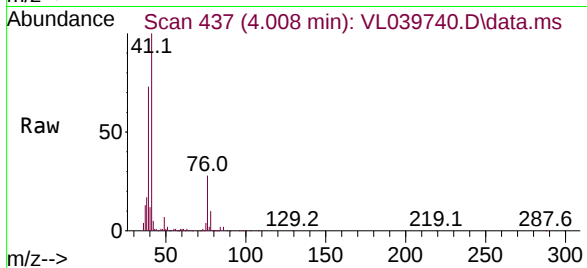
Tgt Ion: 41 Resp: 800835

Ion Ratio Lower Upper

41 100

76 29.7 23.5 35.3

39 79.6 67.4 101.2



#22

trans-1,2-Dichloroethene

Concen: 10.292 ppbv

RT: 4.455 min Scan# 576

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

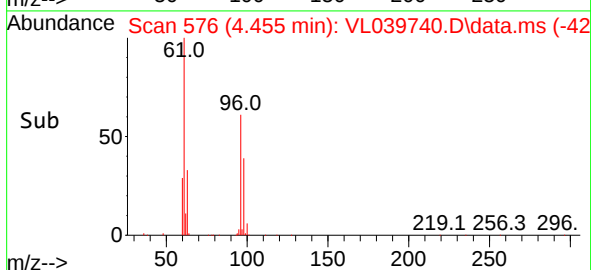
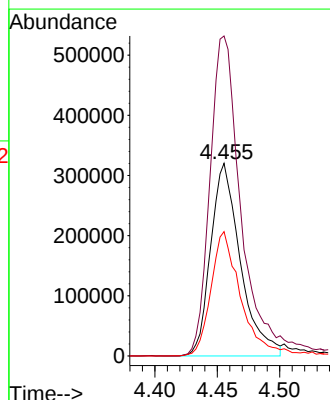
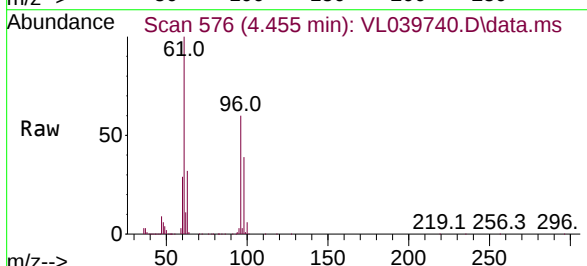
Tgt Ion: 96 Resp: 532738

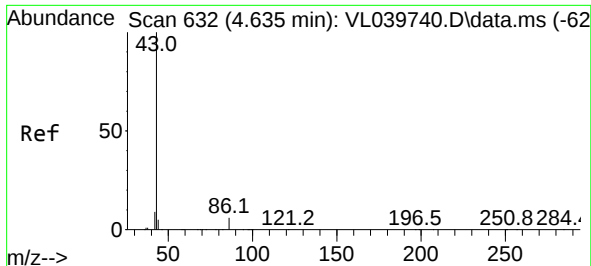
Ion Ratio Lower Upper

96 100

61 166.1 132.9 199.3

98 64.5 51.6 77.4

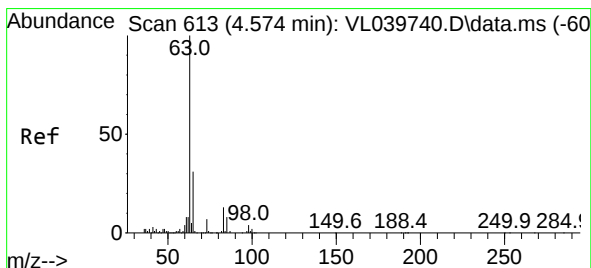
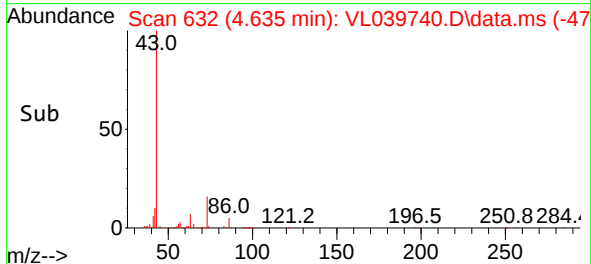
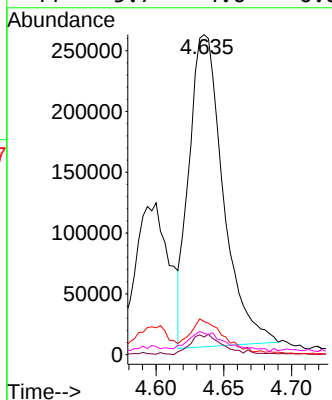
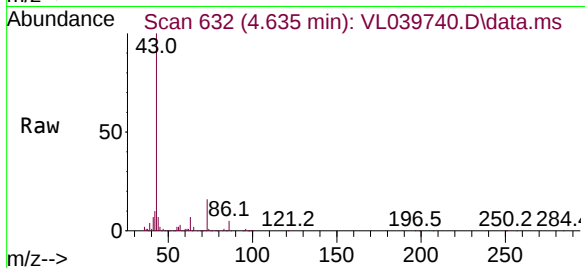




#23
 Vinyl Acetate
 Concen: 9.296 ppbv
 RT: 4.635 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

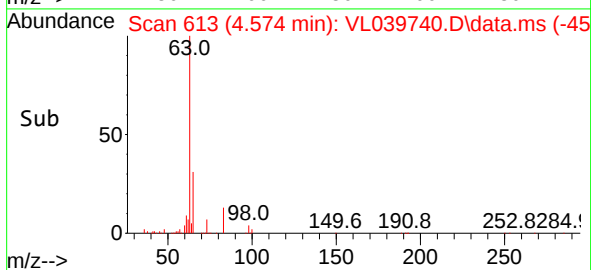
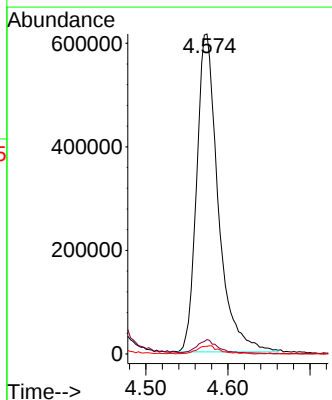
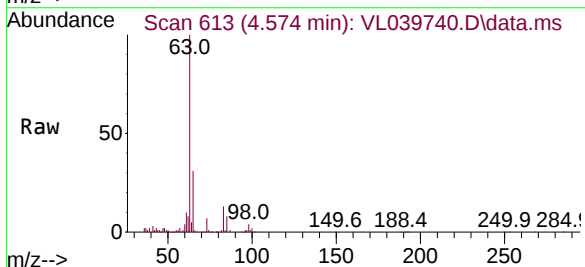
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

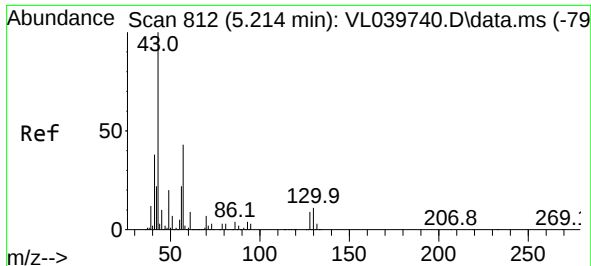
Tgt Ion:	43	Resp:	448753
Ion	Ratio	Lower	Upper
43	100		
86	5.4	4.3	6.5
42	9.9	7.9	11.9
44	5.7	4.6	6.8



#24
 1,1-Dichloroethane
 Concen: 10.176 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Tgt Ion:	63	Resp:	1119951
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.4	1.2	3.6



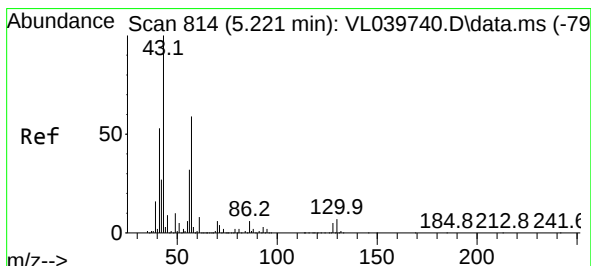
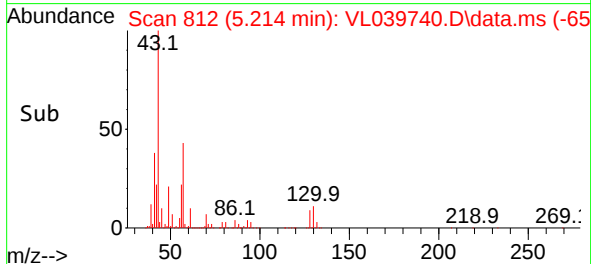
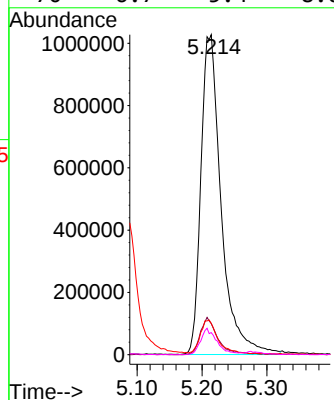
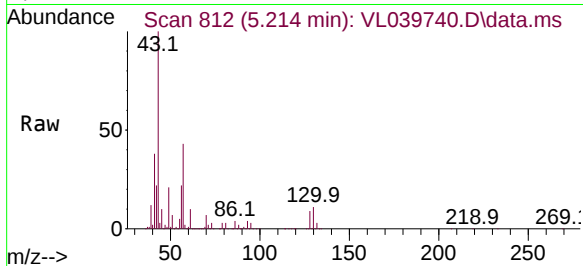


#25
Ethyl Acetate
Concen: 9.745 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2233605

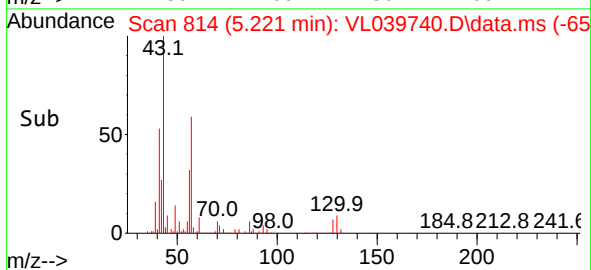
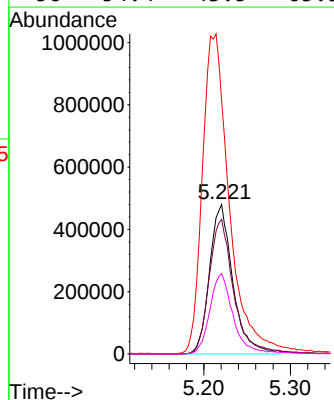
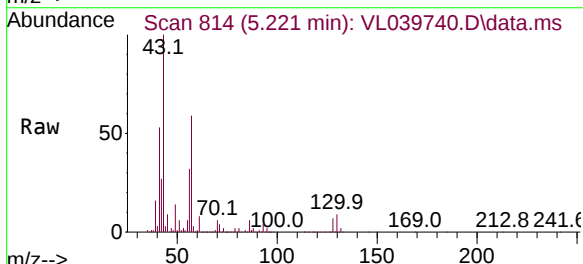
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.4	7.5	11.3
70	6.7	5.4	8.0

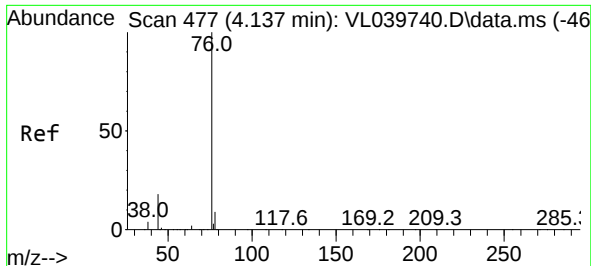


#26
Hexane
Concen: 9.588 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 57 Resp: 895014

Ion	Ratio	Lower	Upper
57	100		
41	96.0	76.8	115.2
43	251.2	201.0	301.4
56	54.4	43.5	65.3

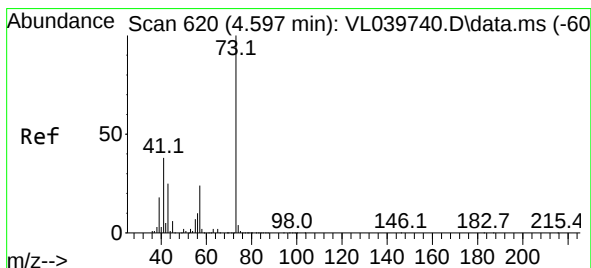
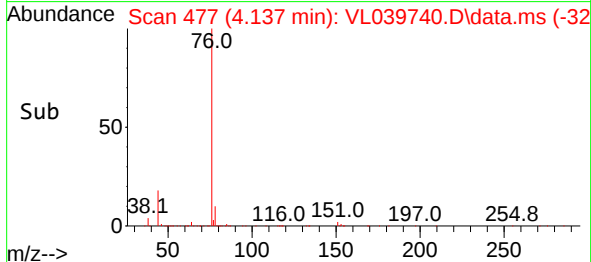
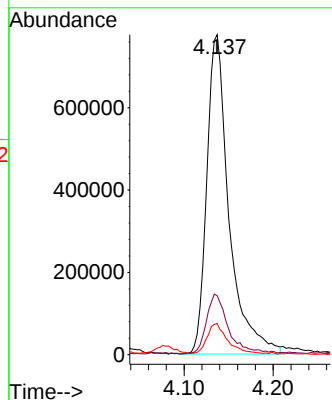
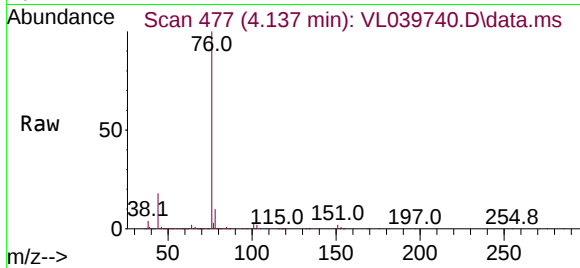




#27
Carbon Disulfide
Concen: 11.490 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

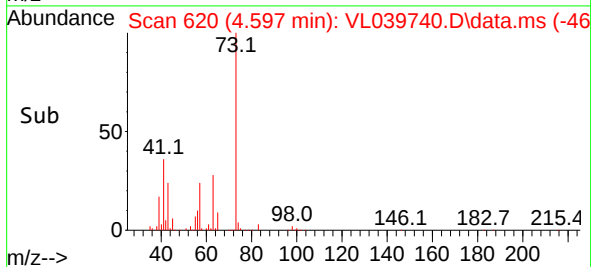
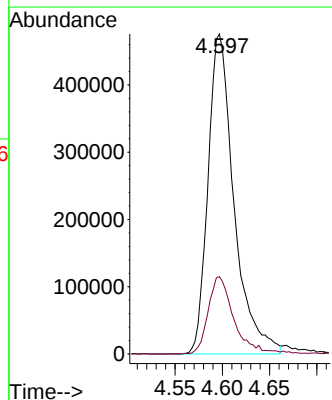
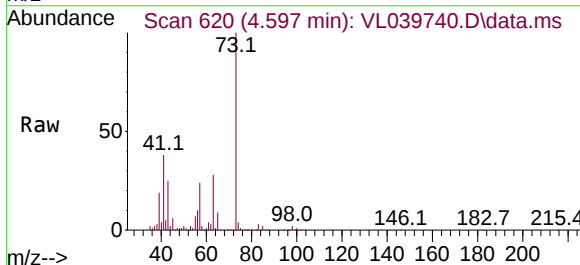
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

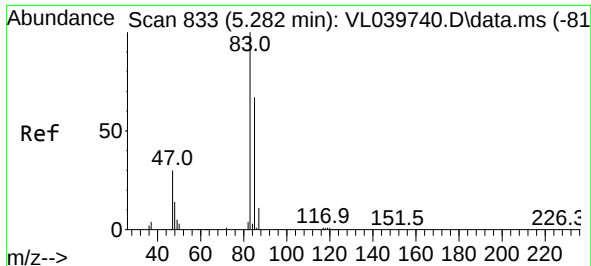
Tgt Ion: 76 Resp: 1343053
Ion Ratio Lower Upper
76 100
44 18.6 14.5 21.7
78 9.7 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 10.278 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 73 Resp: 909887
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2





#29

Chloroform

Concen: 9.906 ppbv

RT: 5.282 min Scan# 833

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

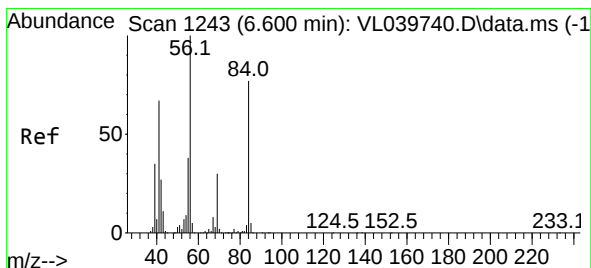
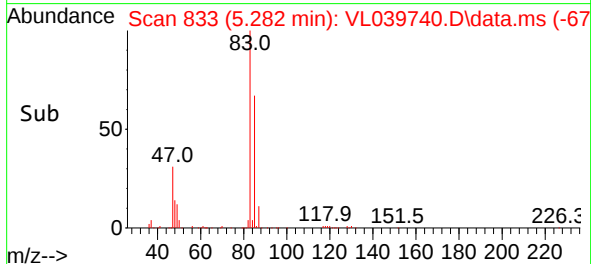
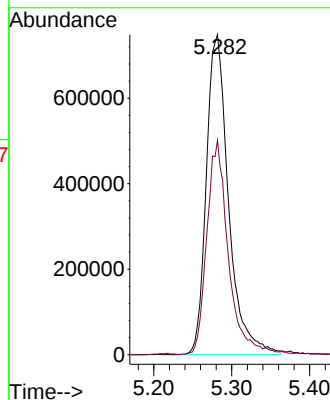
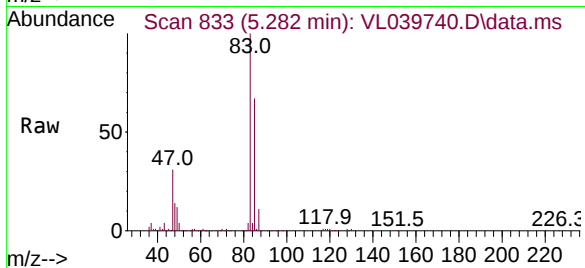
VSTDICCC010

Tgt Ion: 83 Resp: 1482287

Ion Ratio Lower Upper

83 100

85 66.9 53.5 80.3



#30

Cyclohexane

Concen: 10.636 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

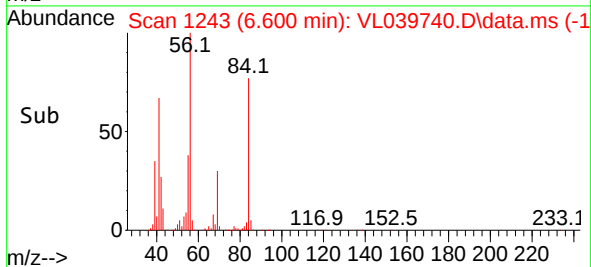
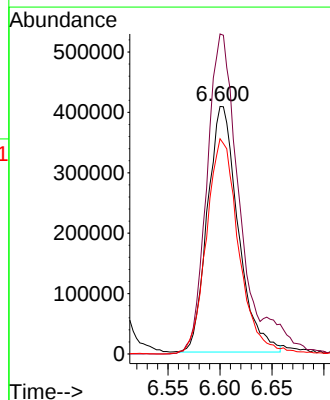
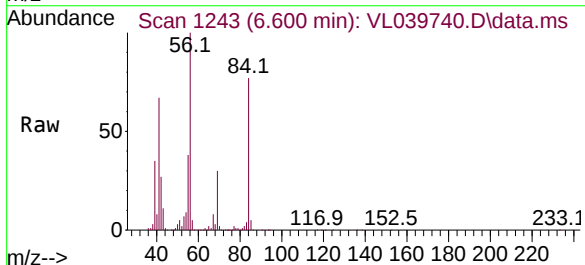
Tgt Ion: 84 Resp: 834649

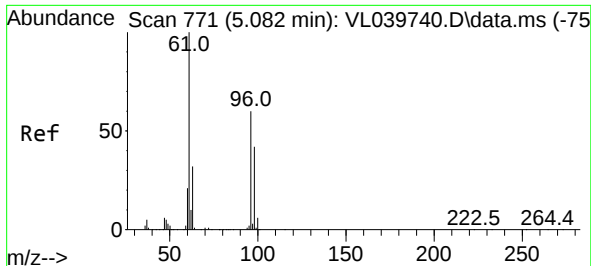
Ion Ratio Lower Upper

84 100

56 142.8 114.2 171.4

41 92.7 74.2 111.2

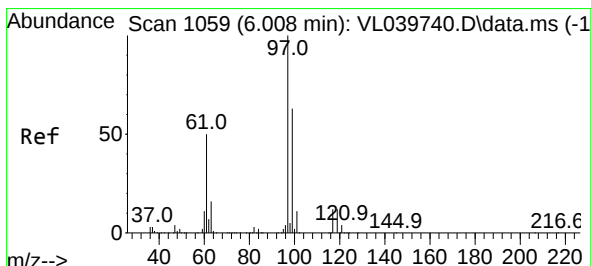
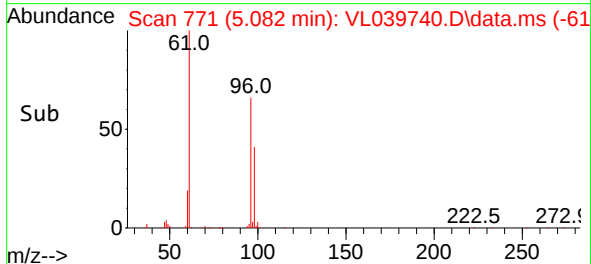
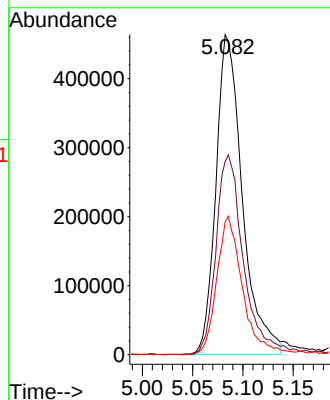
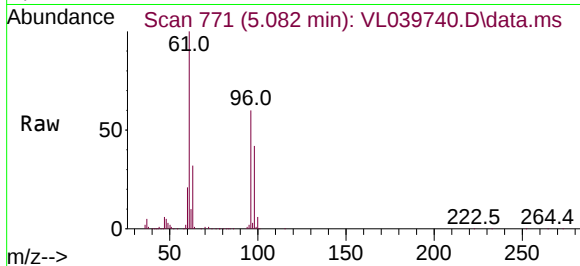




#31
 cis-1,2-Dichloroethene
 Concen: 10.120 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

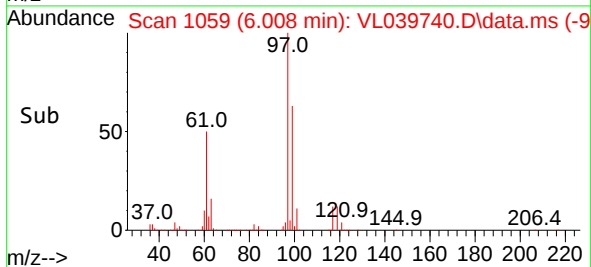
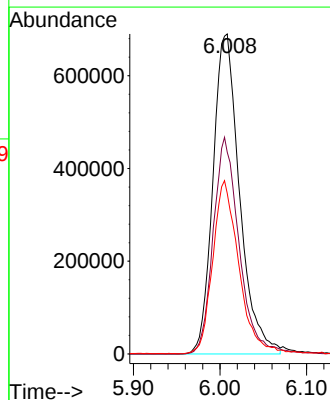
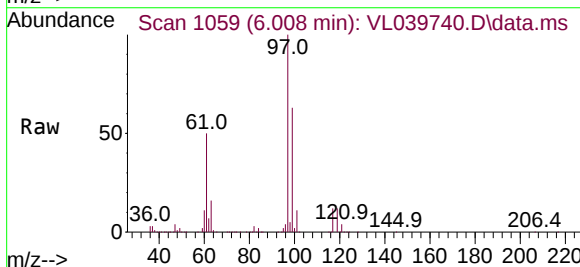
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

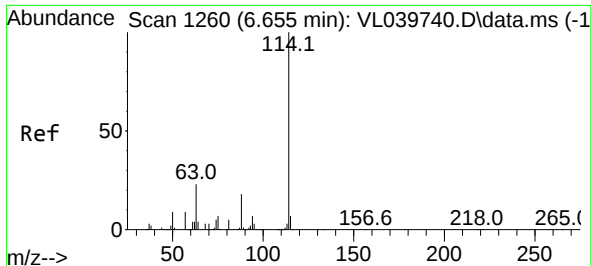
Tgt Ion: 61 Resp: 847117
 Ion Ratio Lower Upper
 61 100
 96 60.4 48.3 72.5
 98 41.5 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 11.352 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Tgt Ion: 97 Resp: 1473421
 Ion Ratio Lower Upper
 97 100
 99 66.2 53.0 79.4
 61 54.1 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

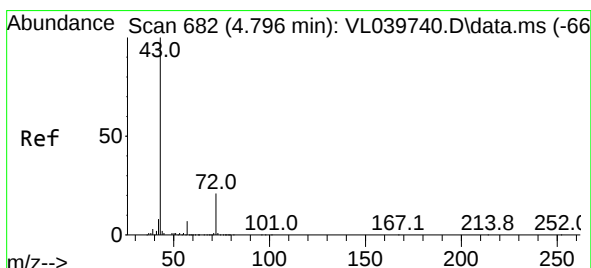
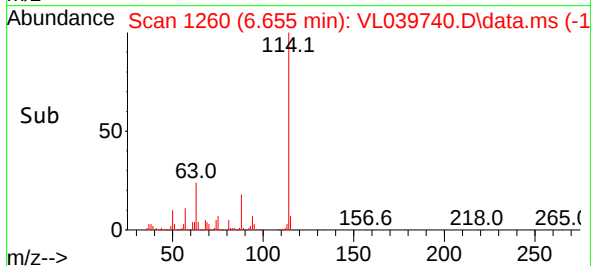
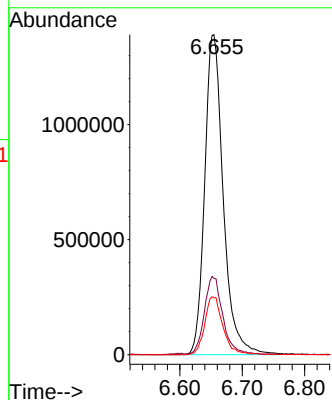
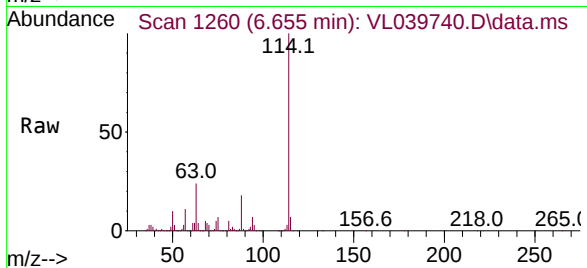
Tgt Ion:114 Resp: 2880352

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 9.535 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039740.D

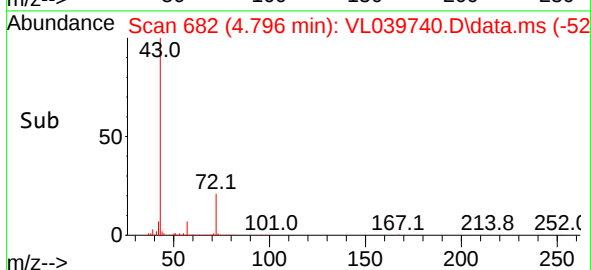
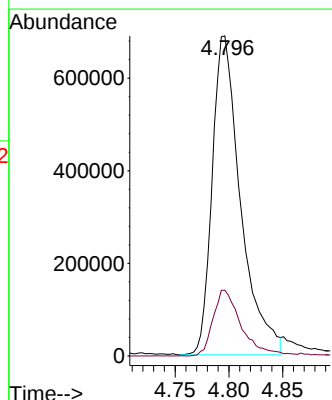
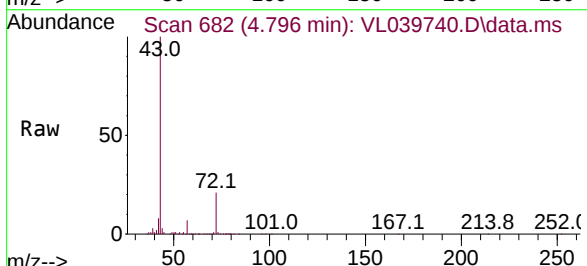
Acq: 21 Oct 2022 10:04

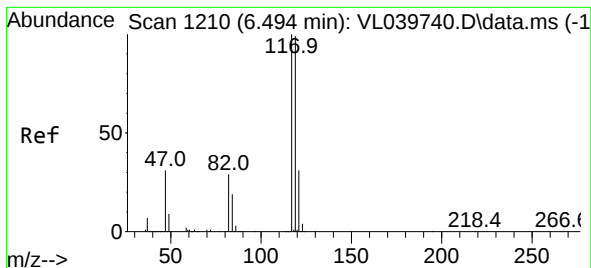
Tgt Ion: 43 Resp: 1266758

Ion Ratio Lower Upper

43 100

72 21.3 17.1 25.7





#35

Carbon Tetrachloride

Concen: 10.613 ppbv

RT: 6.494 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

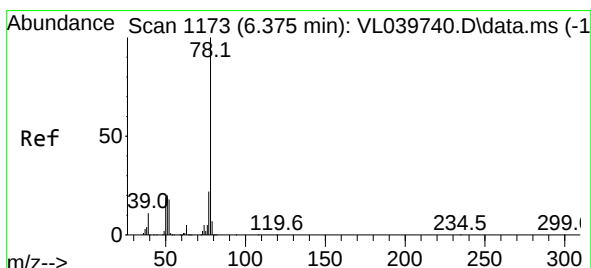
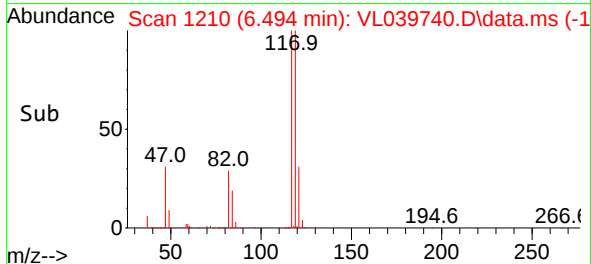
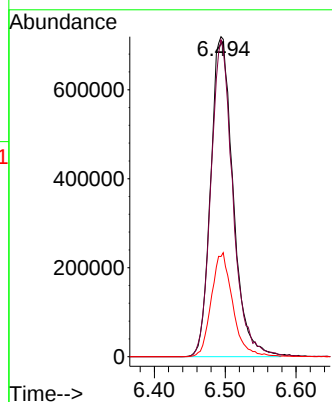
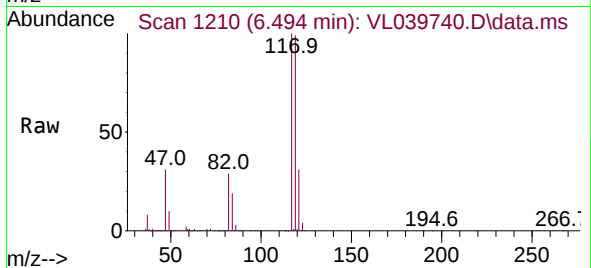
Tgt Ion:117 Resp: 1584331

Ion Ratio Lower Upper

117 100

119 99.0 79.2 118.8

121 31.3 25.0 37.6



#36

Benzene

Concen: 9.700 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

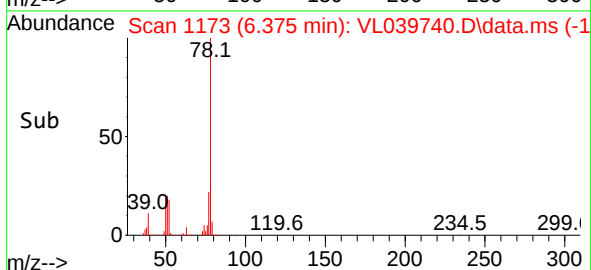
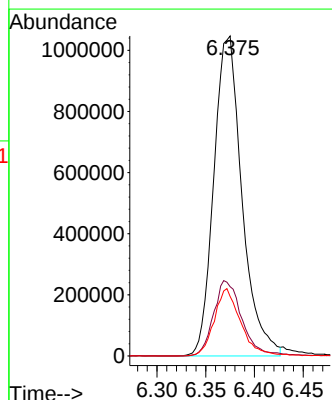
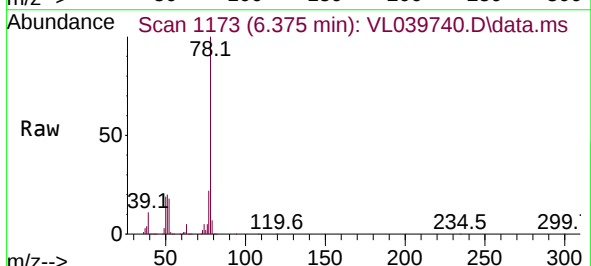
Tgt Ion: 78 Resp: 2108531

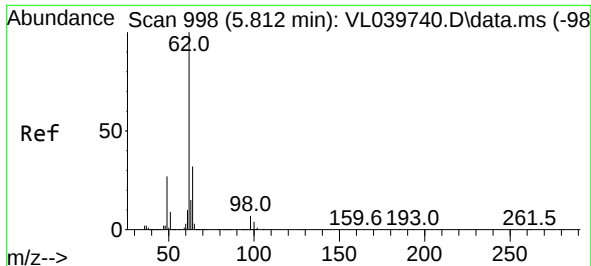
Ion Ratio Lower Upper

78 100

77 21.6 17.3 25.9

50 18.6 14.9 22.3





#37

1,2-Dichloroethane

Concen: 9.823 ppbv

RT: 5.812 min Scan# 998

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

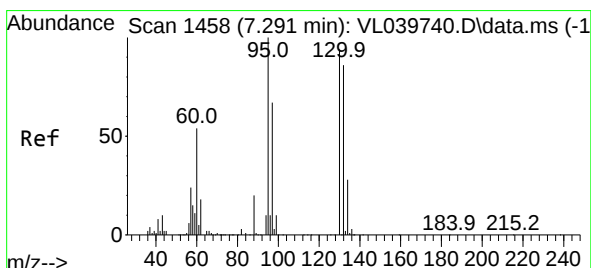
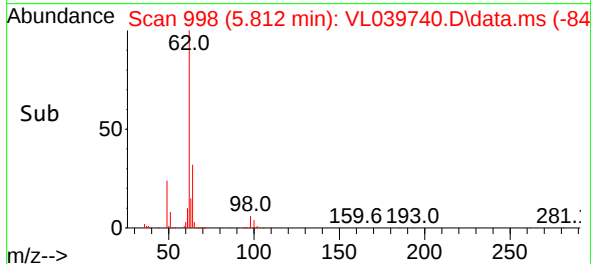
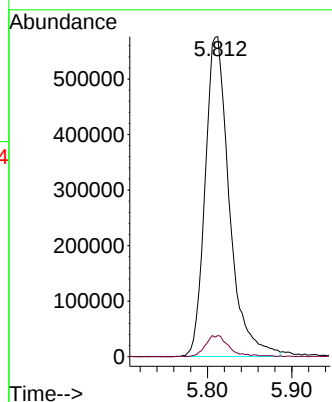
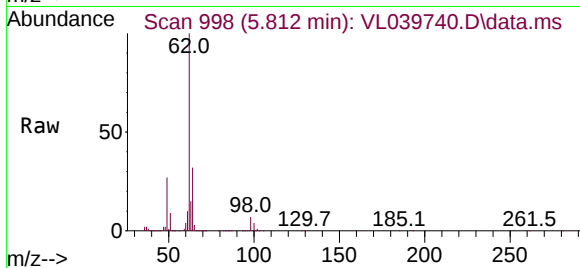
VSTDICCC010

Tgt Ion: 62 Resp: 1150252

Ion Ratio Lower Upper

62 100

98 6.6 5.4 8.0



#38

Trichloroethene

Concen: 10.600 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Tgt Ion:130 Resp: 1235886

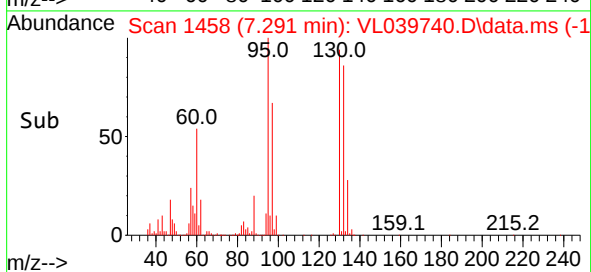
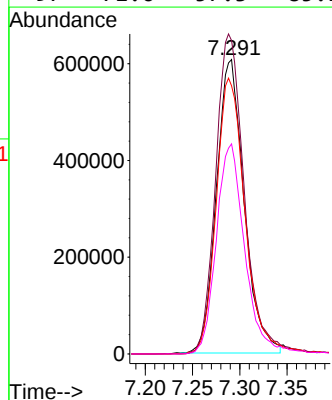
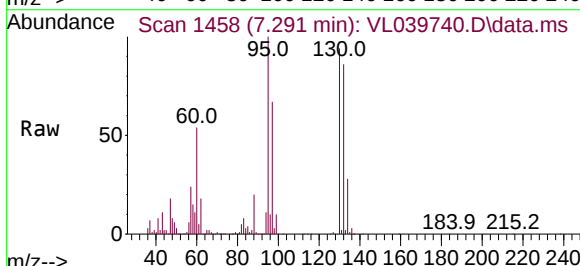
Ion Ratio Lower Upper

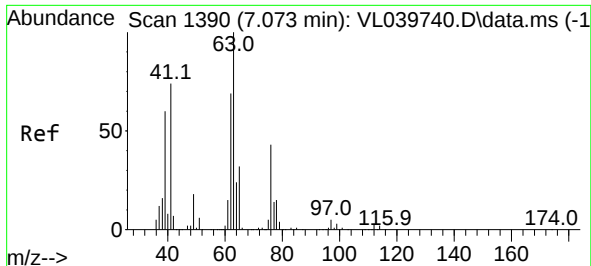
130 100

95 106.8 85.4 128.2

132 91.3 73.0 109.6

97 71.6 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.629 ppbv

RT: 7.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

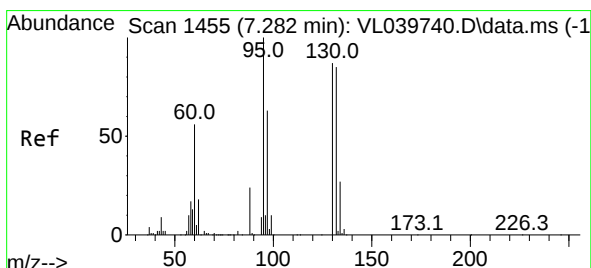
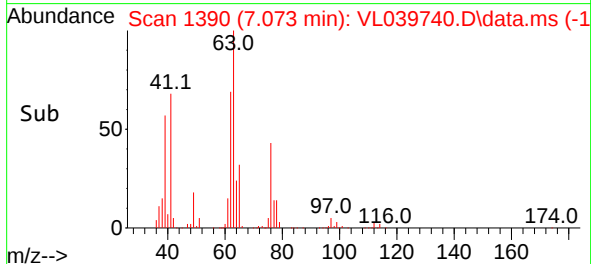
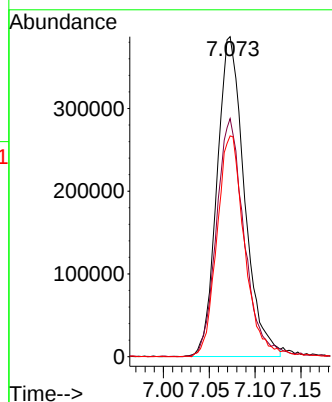
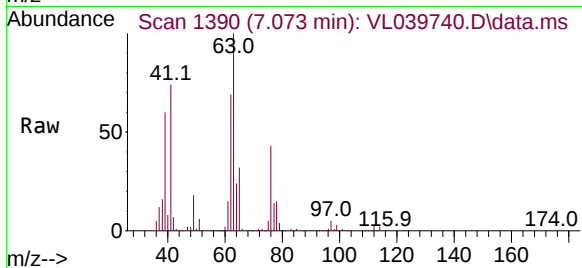
Tgt Ion: 63 Resp: 802923

Ion Ratio Lower Upper

63 100

41 74.4 59.5 89.3

62 69.0 55.2 82.8



#40

1,4-Dioxane

Concen: 4.978 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Tgt Ion: 88 Resp: 159006

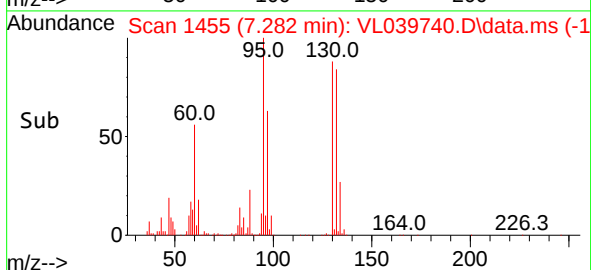
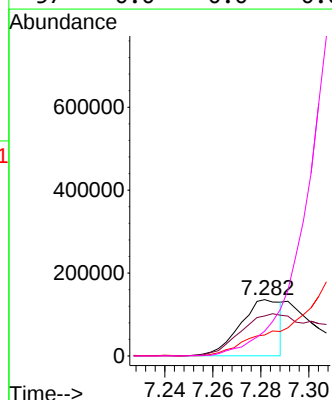
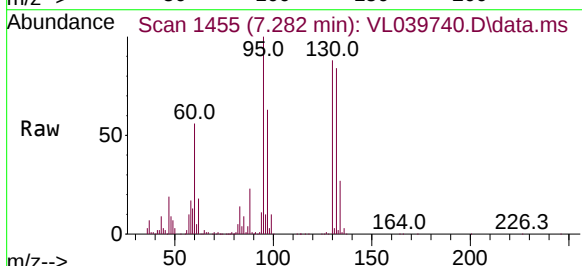
Ion Ratio Lower Upper

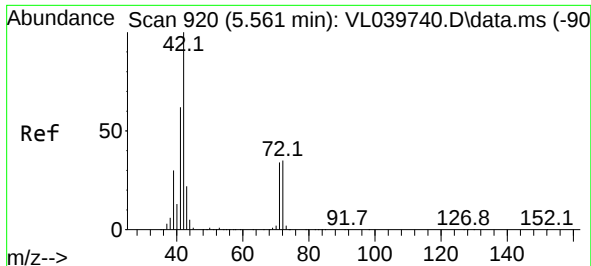
88 100

58 250.4 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.207 ppbv

RT: 5.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

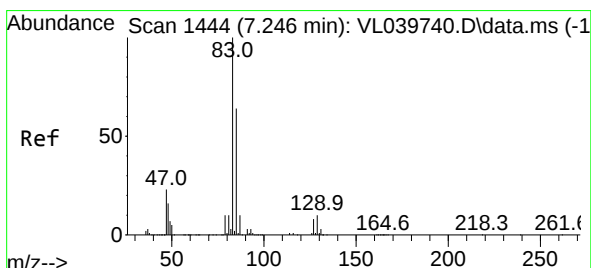
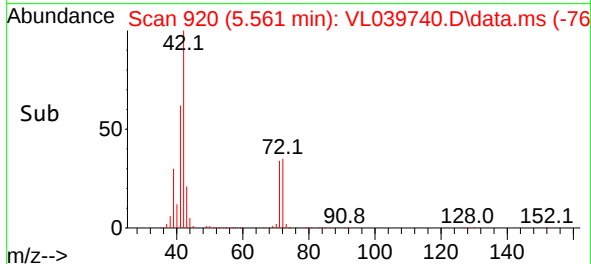
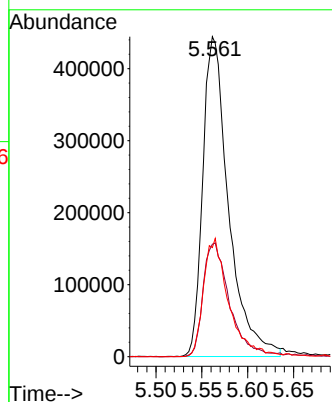
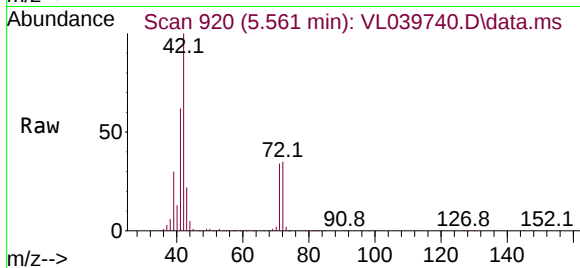
Tgt Ion: 42 Resp: 869490

Ion Ratio Lower Upper

42 100

72 37.5 30.0 45.0

71 36.9 29.3 43.9



#42

Bromodichloromethane

Concen: 10.460 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

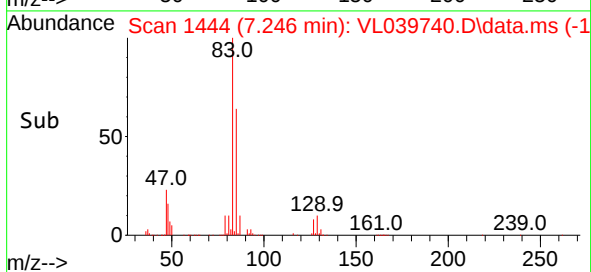
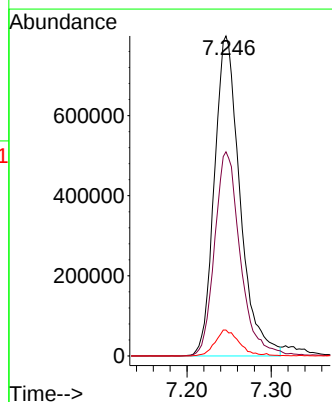
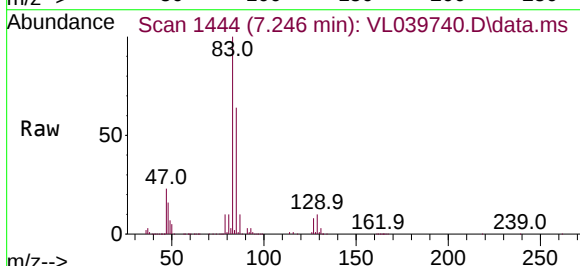
Tgt Ion: 83 Resp: 1682128

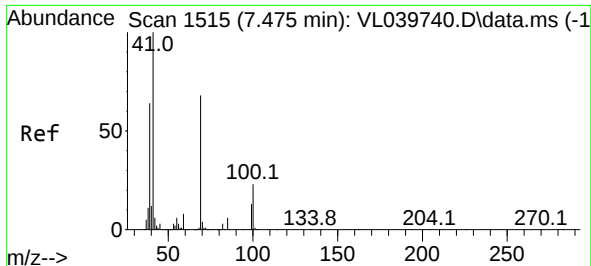
Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

127 8.1 6.5 9.7

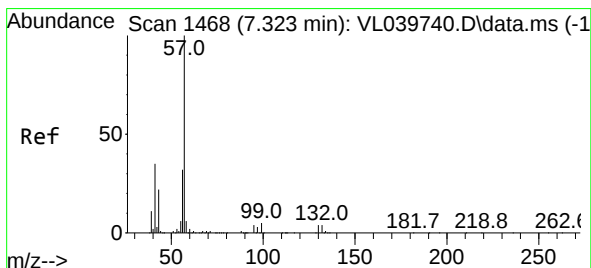
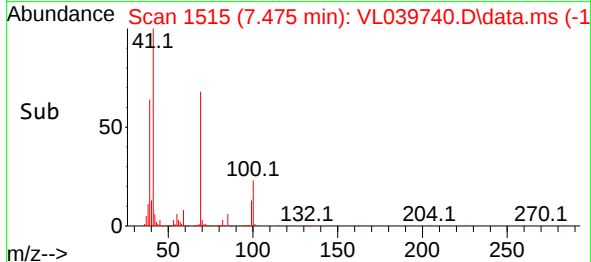
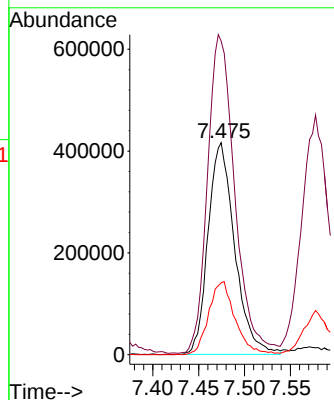
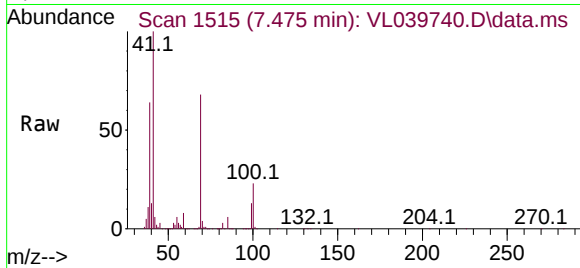




#43
Methyl Methacrylate
Concen: 10.730 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

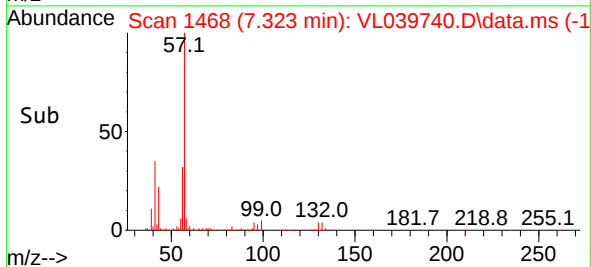
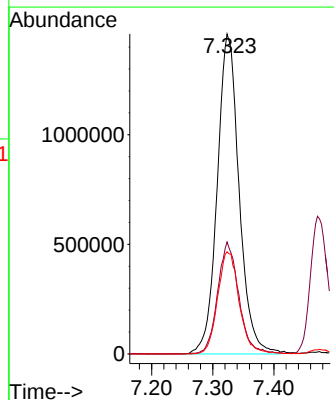
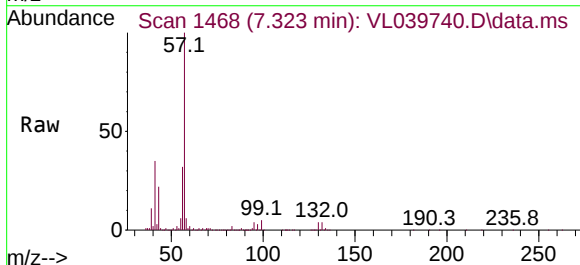
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

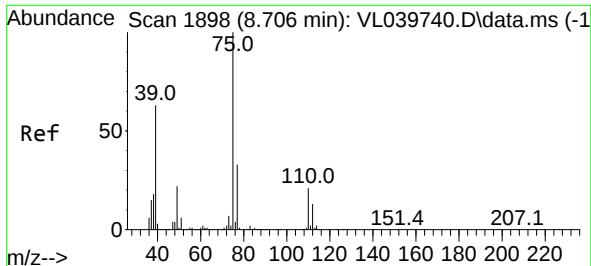
Tgt Ion: 69 Resp: 839093
Ion Ratio Lower Upper
69 100
41 154.6 124.6 186.8
100 34.3 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 9.852 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 57 Resp: 3628799
Ion Ratio Lower Upper
57 100
41 33.9 27.1 40.7
56 31.5 25.2 37.8

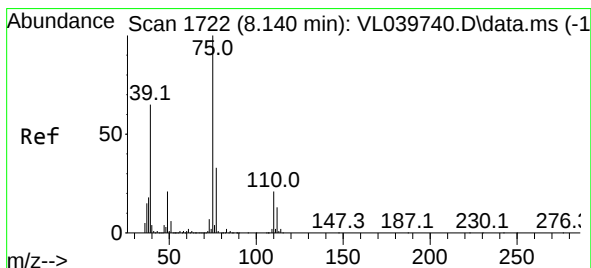
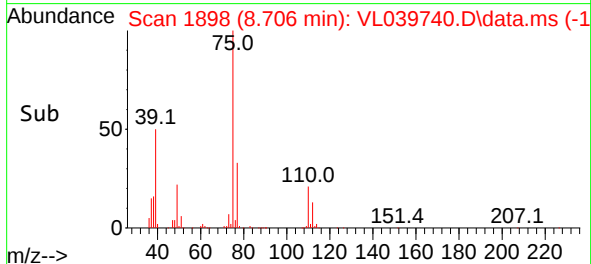
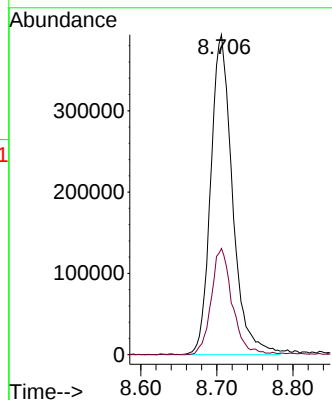
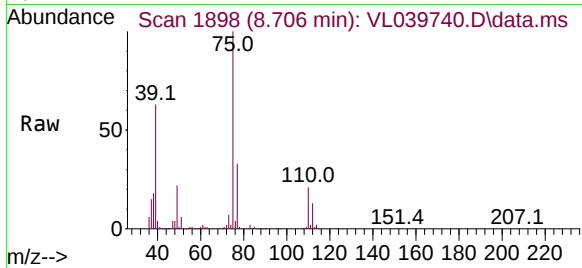




#45
 t-1,3-Dichloropropene
 Concen: 12.093 ppbv
 RT: 8.706 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

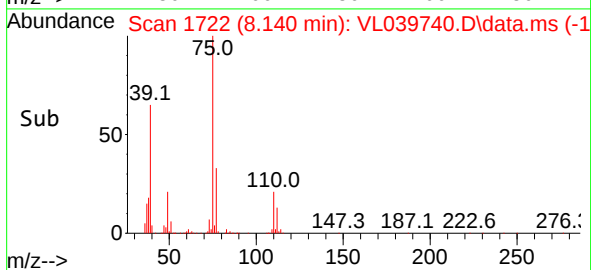
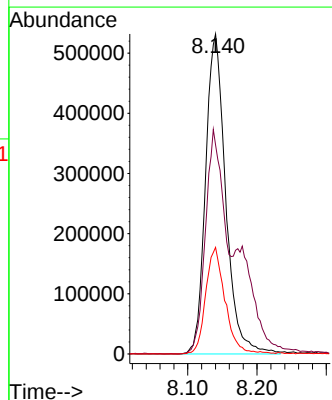
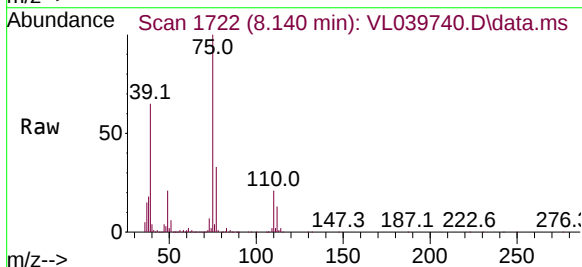
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

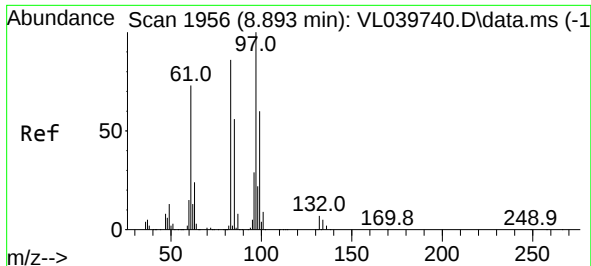
Tgt Ion: 75 Resp: 782749
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.6 39.8



#46
 cis-1,3-Dichloropropene
 Concen: 11.690 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Tgt Ion: 75 Resp: 1071865
 Ion Ratio Lower Upper
 75 100
 39 65.3 52.2 78.4
 77 33.3 26.6 40.0



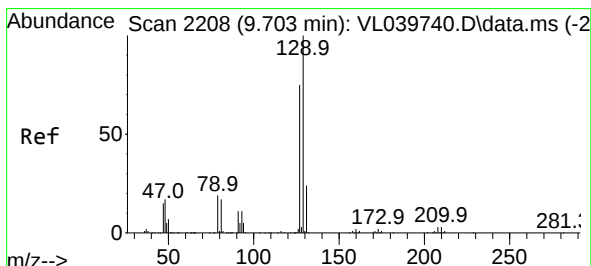
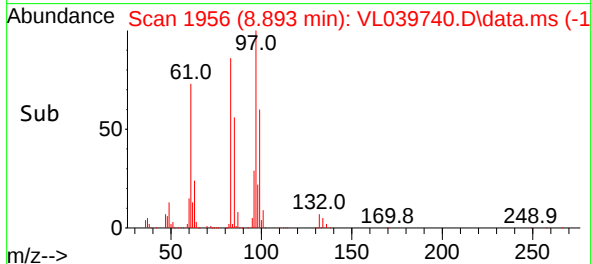
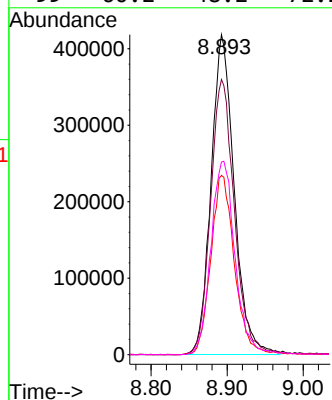
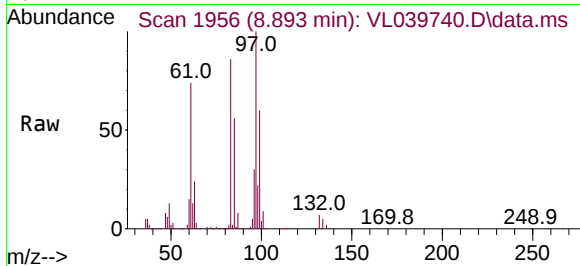


#47
 1,1,2-Trichloroethane
 Concen: 9.748 ppbv
 RT: 8.893 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 97 Resp: 882746

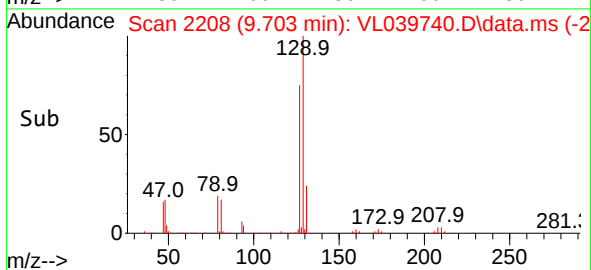
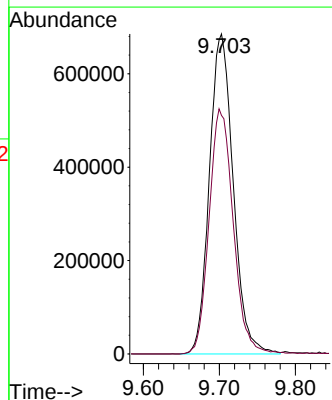
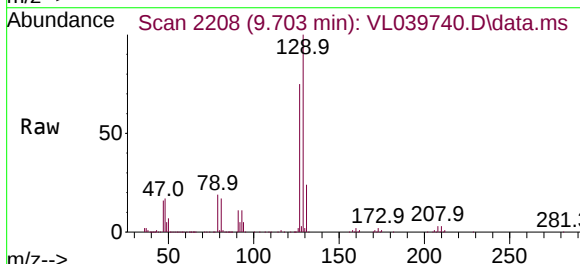
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.8	103.2
85	56.0	44.8	67.2
99	60.2	48.2	72.2

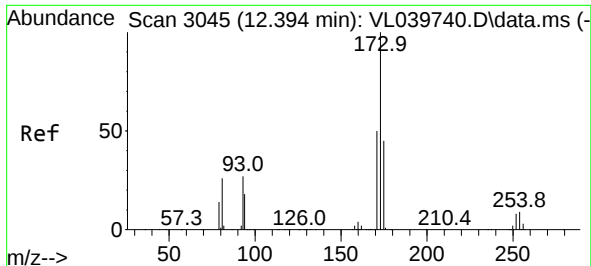


#48
 Dibromochloromethane
 Concen: 10.936 ppbv
 RT: 9.703 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Tgt Ion: 129 Resp: 1494082

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.9	116.6

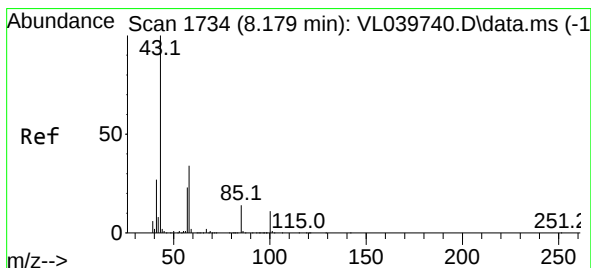
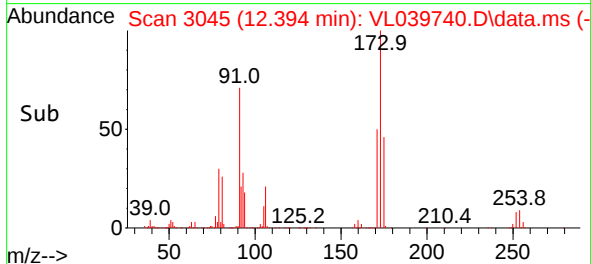
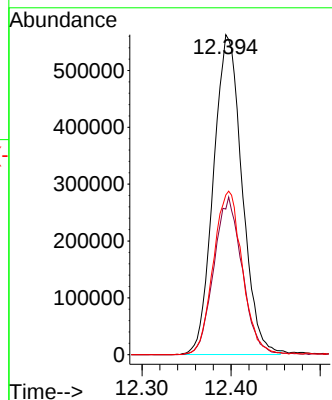
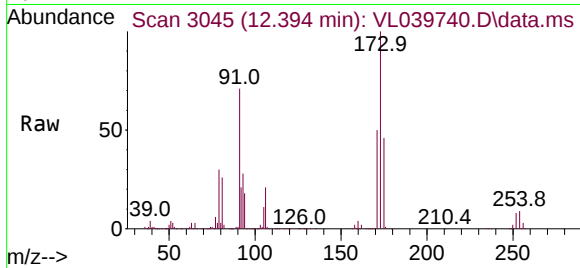




#49
Bromoform
Concen: 11.402 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

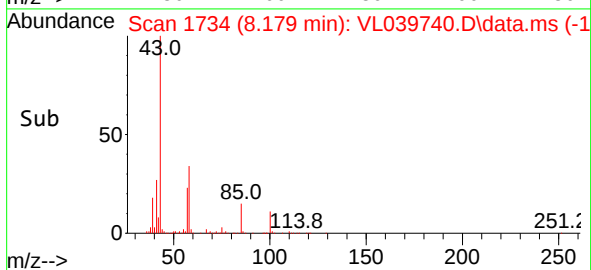
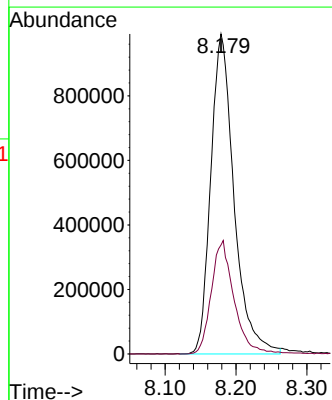
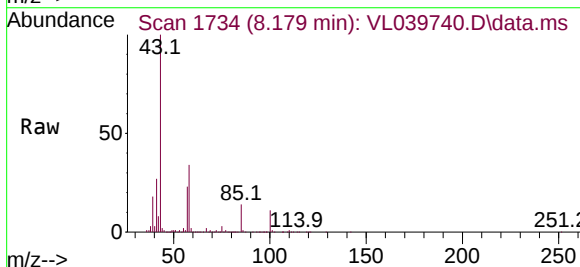
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

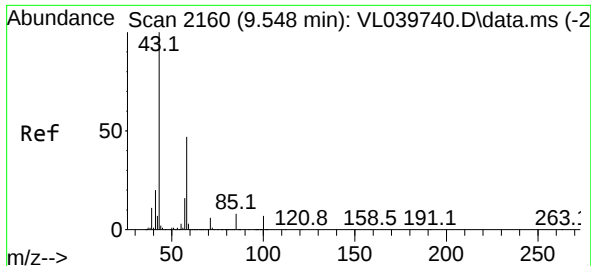
Tgt Ion:173 Resp: 1254054
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
171 52.0 41.6 62.4



#50
4-Methyl-2-Pentanone
Concen: 10.430 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 43 Resp: 2259309
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

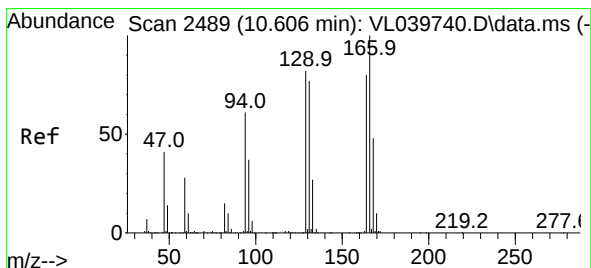
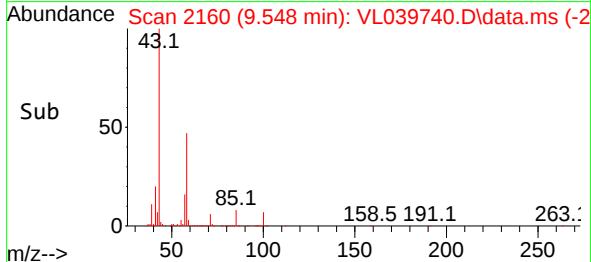
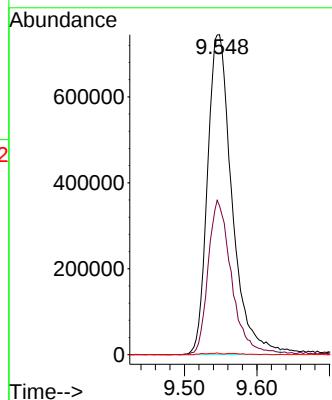
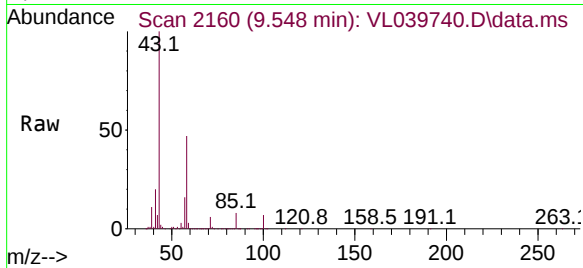




#51
2-Hexanone
Concen: 11.268 ppbv
RT: 9.548 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

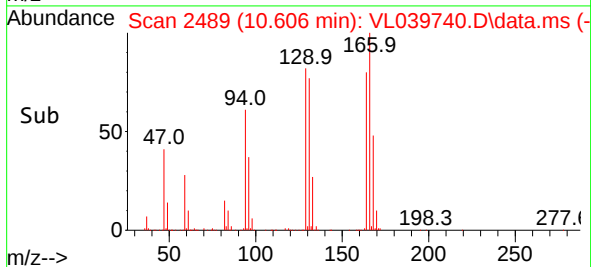
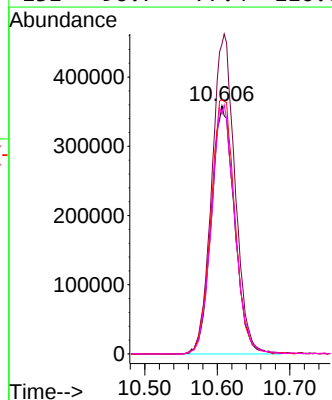
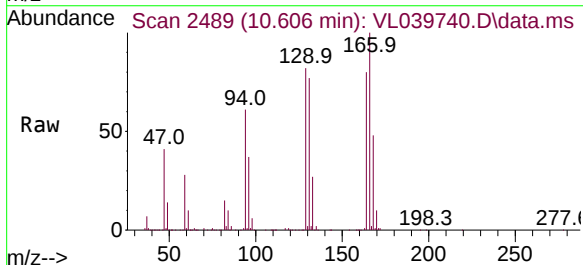
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

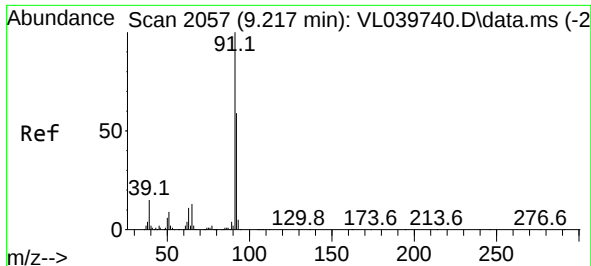
Tgt Ion: 43 Resp: 1749486
Ion Ratio Lower Upper
43 100
58 46.5 37.6 56.4
98 0.7 0.6 0.8



#52
Tetrachloroethene
Concen: 10.143 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion:164 Resp: 795947
Ion Ratio Lower Upper
164 100
166 125.0 100.0 150.0
129 102.6 82.1 123.1
131 96.7 77.4 116.0

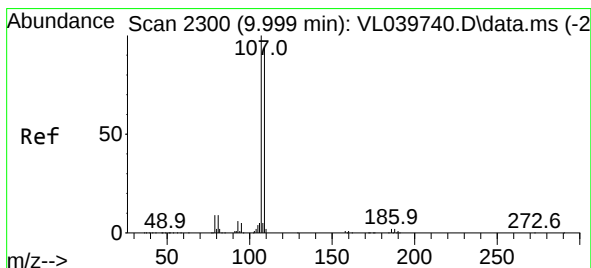
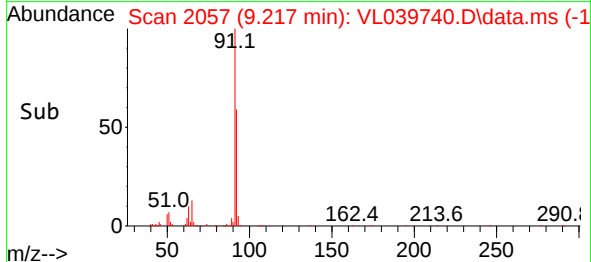
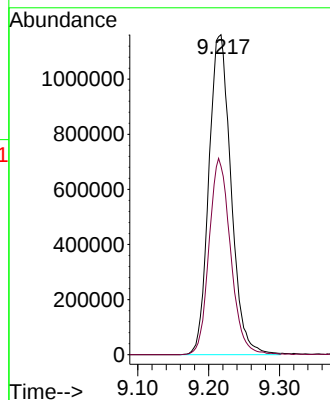
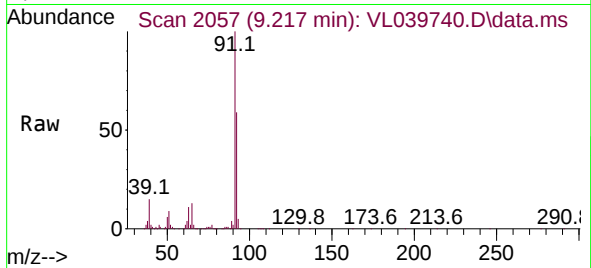




#53
Toluene
Concen: 10.746 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

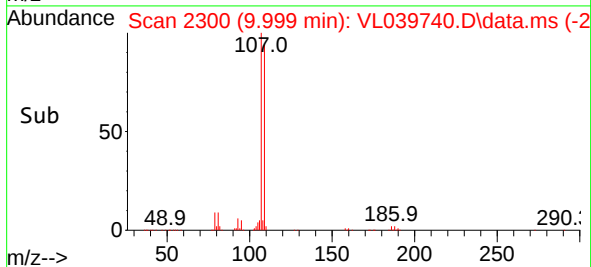
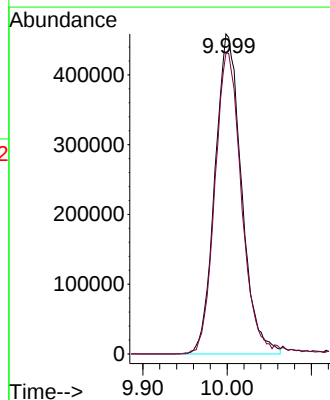
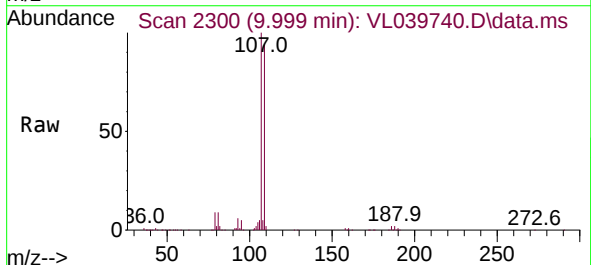
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

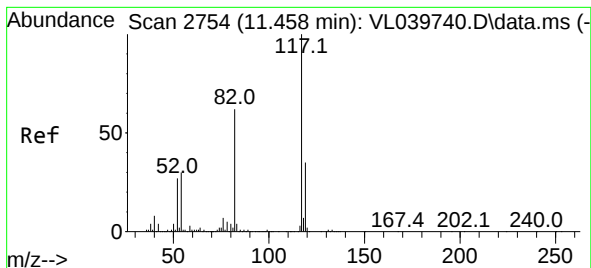
Tgt Ion: 91 Resp: 2522412
Ion Ratio Lower Upper
91 100
92 59.6 47.7 71.5



#54
1,2-Dibromoethane
Concen: 11.014 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 107 Resp: 1003023
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

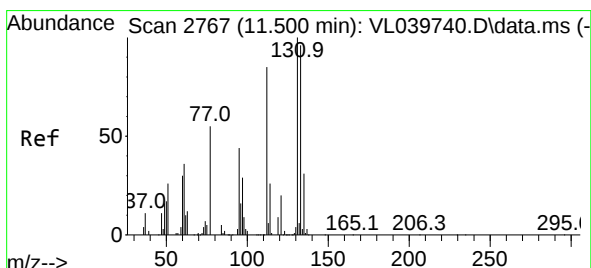
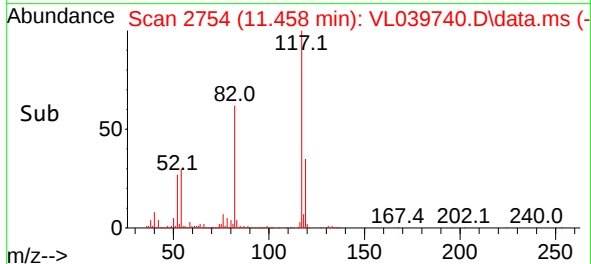
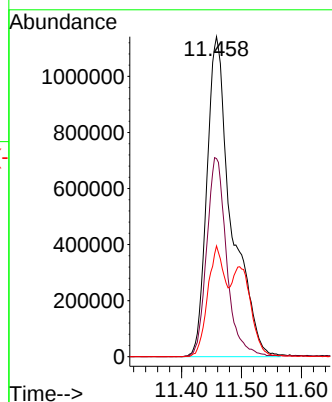
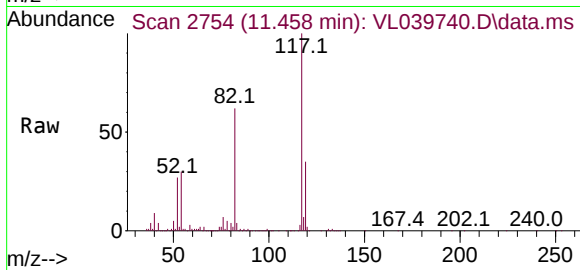




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

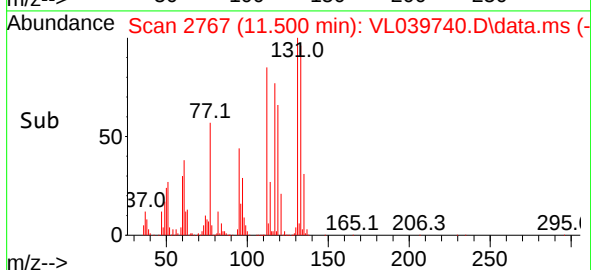
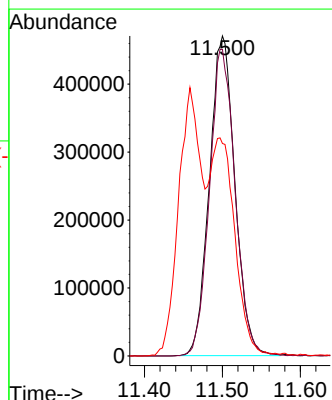
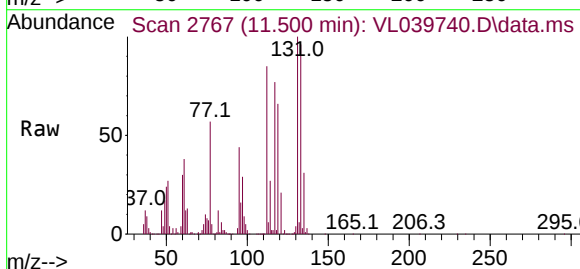
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

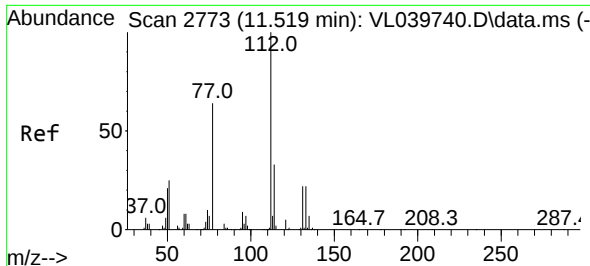
Tgt Ion:117 Resp: 3259296
Ion Ratio Lower Upper
117 100
82 50.9 51.4 77.0#
119 24.4 24.6 36.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.095 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion:131 Resp: 1070864
Ion Ratio Lower Upper
131 100
133 96.5 77.2 115.8
119 64.5 55.5 83.3

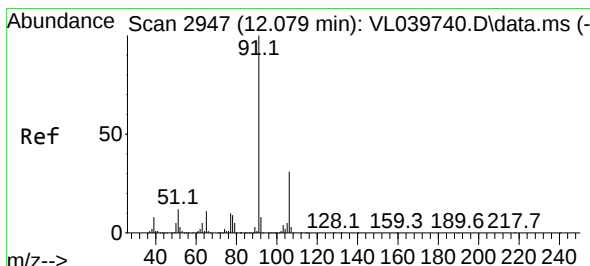
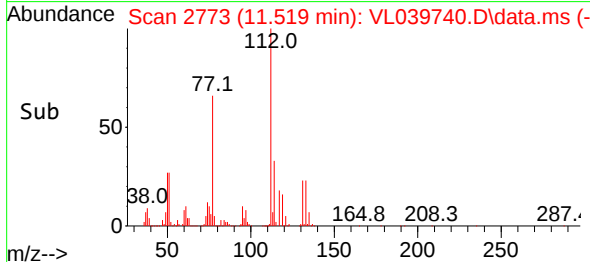
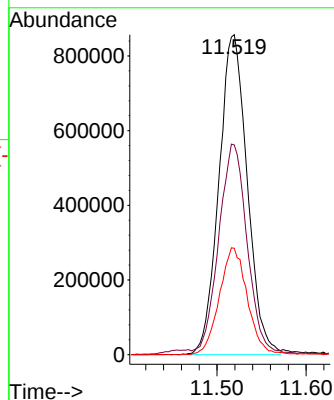
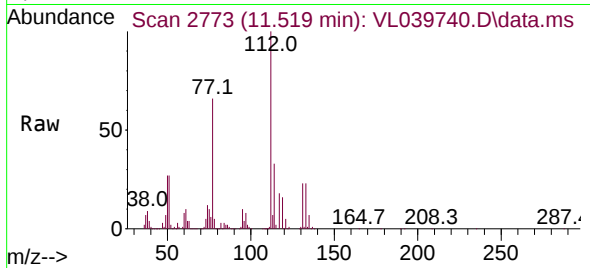




#57
Chlorobenzene
Concen: 7.923 ppbv
RT: 11.519 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

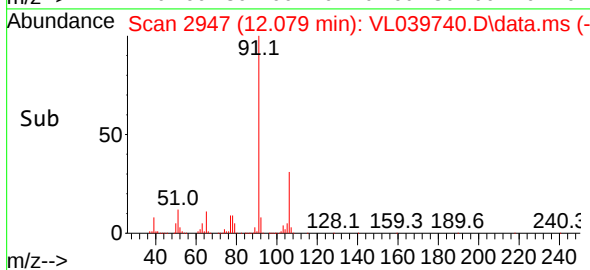
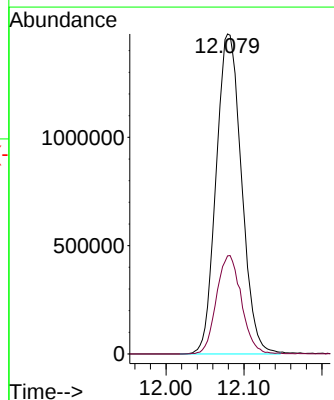
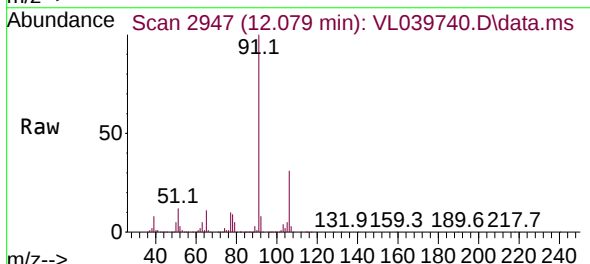
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

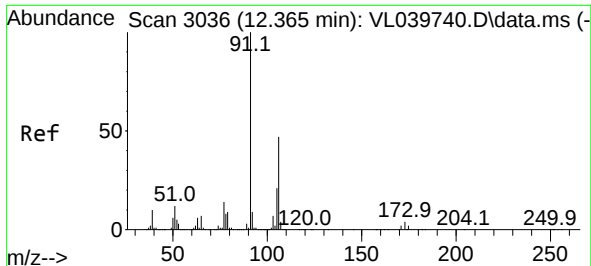
Tgt Ion:112 Resp: 1894589
Ion Ratio Lower Upper
112 100
77 64.3 51.4 77.2
114 33.3 30.0 36.6



#58
Ethyl Benzene
Concen: 8.880 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 91 Resp: 3342886
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8





#59

m/p-Xylene

Concen: 9.221 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

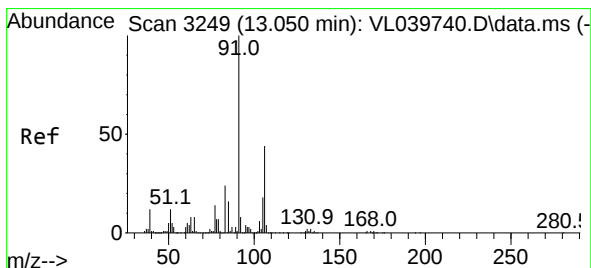
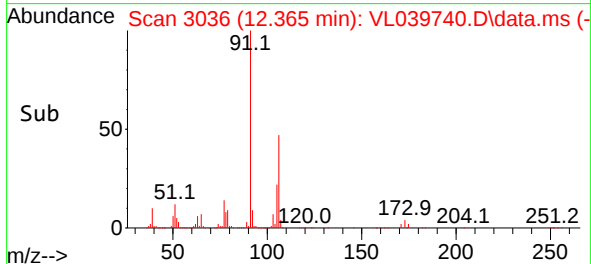
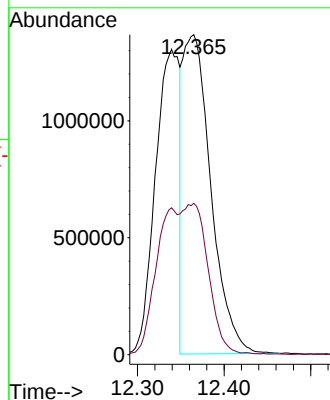
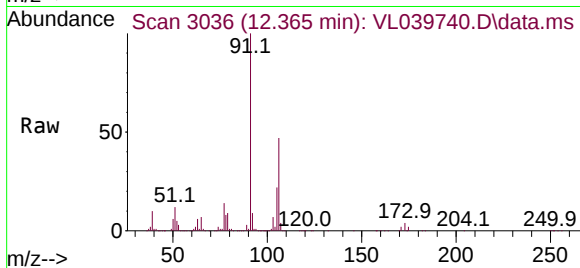
VSTDICCC010

Tgt Ion: 91 Resp: 3067946

Ion Ratio Lower Upper

91 100

106 83.0 36.2 54.4#



#60

o-Xylene

Concen: 8.544 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VL039740.D

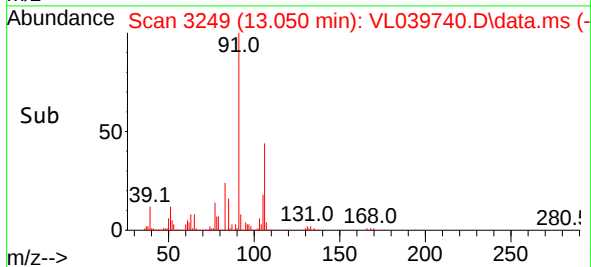
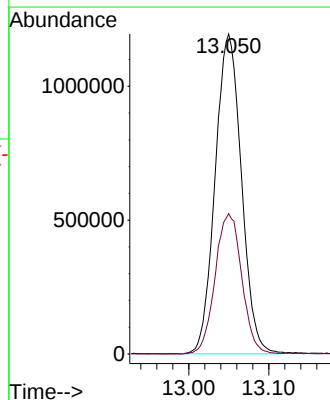
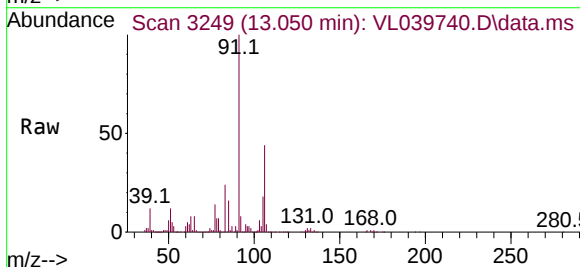
Acq: 21 Oct 2022 10:04

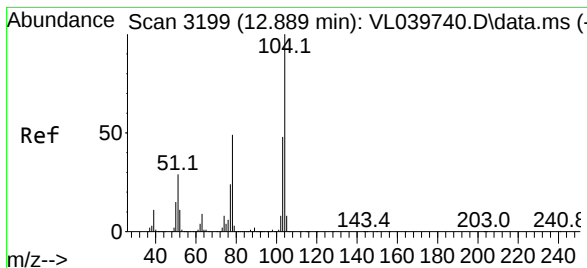
Tgt Ion: 91 Resp: 2719314

Ion Ratio Lower Upper

91 100

106 44.7 22.4 67.0





#61

Styrene

Concen: 9.798 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

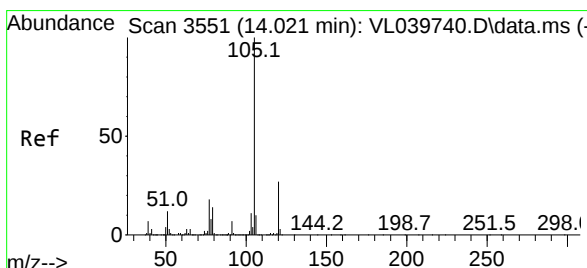
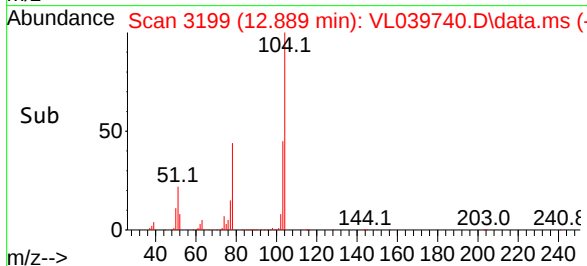
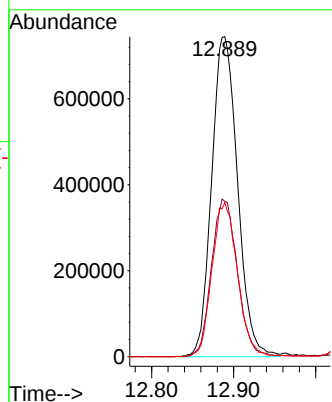
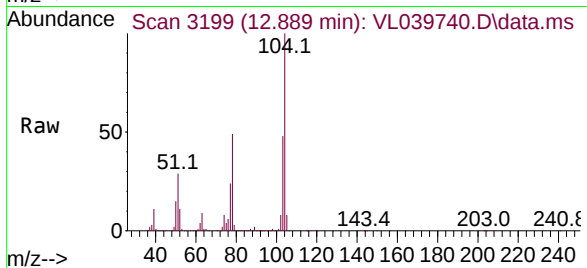
Tgt Ion:104 Resp: 1631627

Ion Ratio Lower Upper

104 100

78 49.5 39.6 59.4

103 47.6 38.1 57.1



#62

Isopropylbenzene

Concen: 8.309 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL039740.D

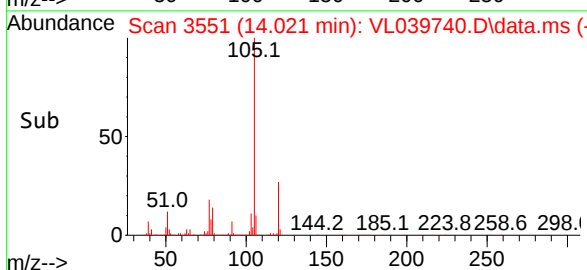
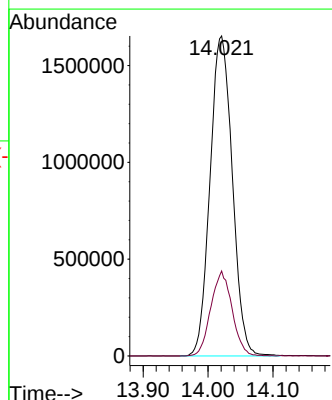
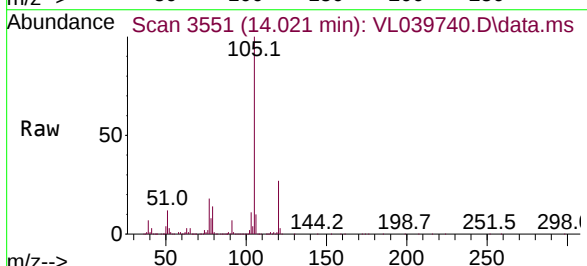
Acq: 21 Oct 2022 10:04

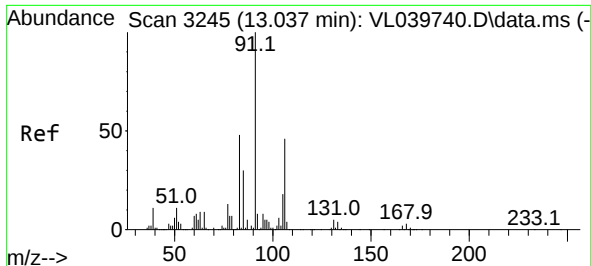
Tgt Ion:105 Resp: 3939036

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

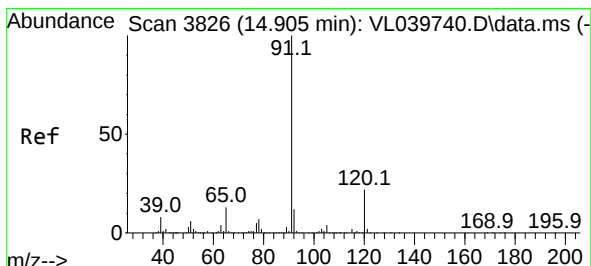
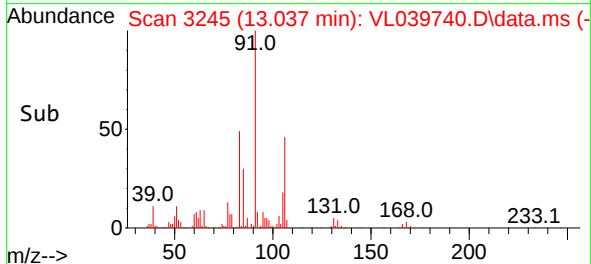
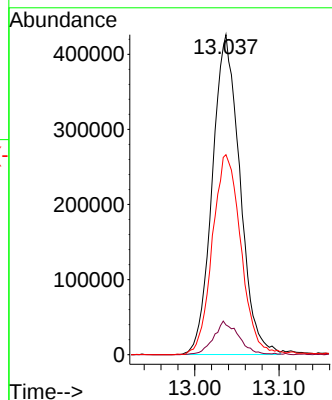
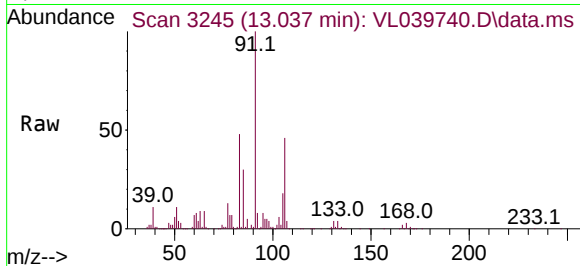




#63
1,1,2,2-Tetrachloroethane
Concen: 7.949 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

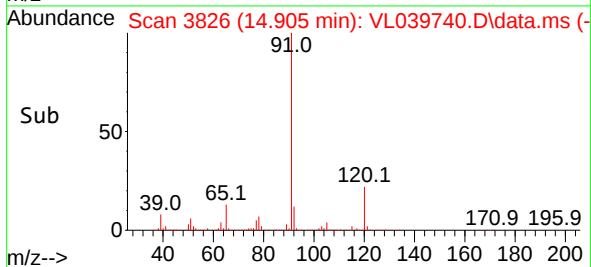
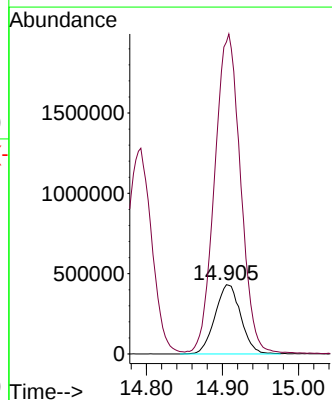
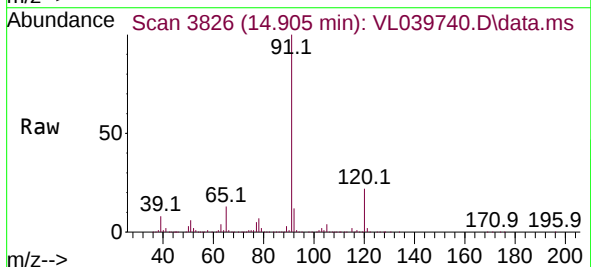
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

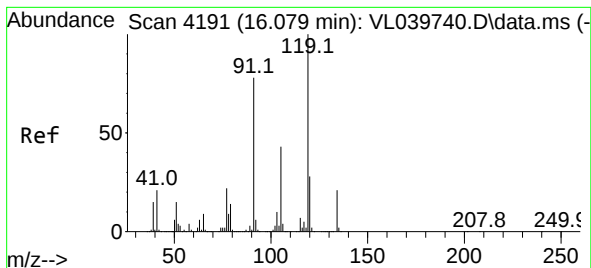
Tgt Ion: 83 Resp: 966919
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 65.6 32.8 98.4



#64
n-propylbenzene
Concen: 8.488 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 120 Resp: 1010952
Ion Ratio Lower Upper
120 100
91 469.1 376.2 564.2

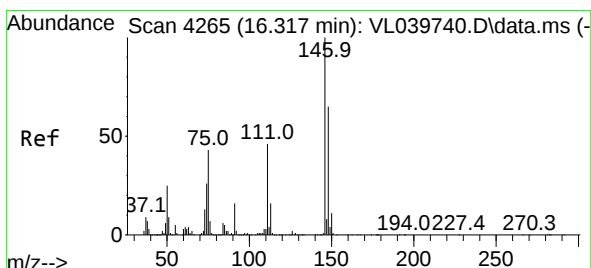
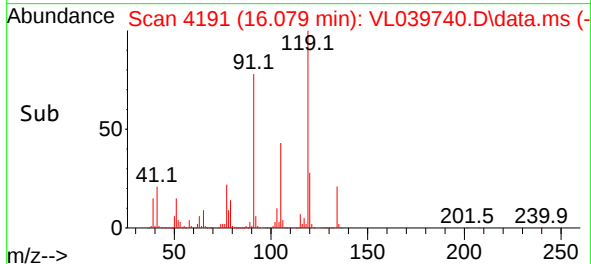
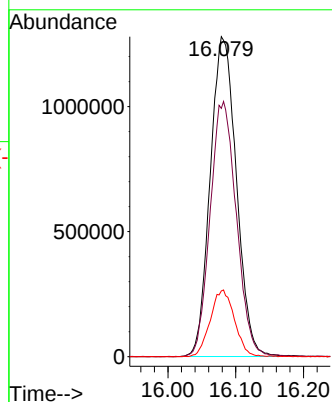
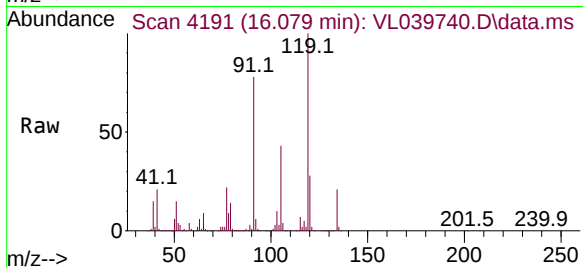




#65
tert-Butylbenzene
Concen: 8.259 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

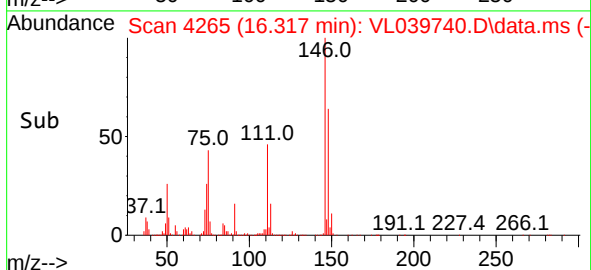
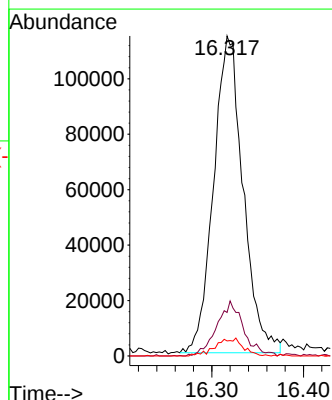
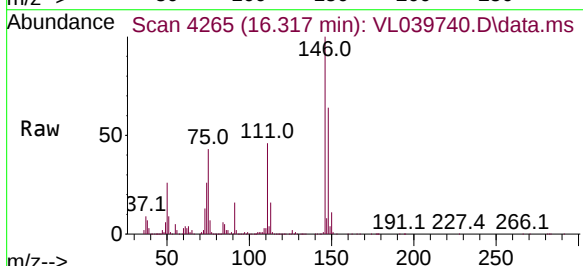
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

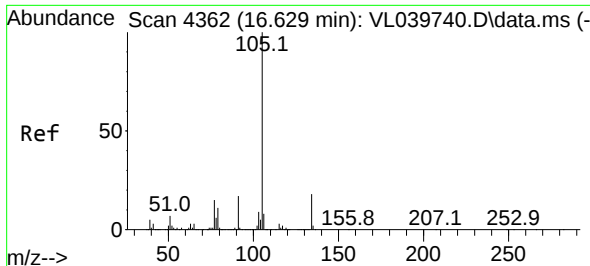
Tgt Ion:119 Resp: 3430142
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.4 15.5 23.3



#66
Benzyl Chloride
Concen: 8.816 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 91 Resp: 255833
Ion Ratio Lower Upper
91 100
126 16.1 12.6 18.8
128 5.2 4.2 6.2

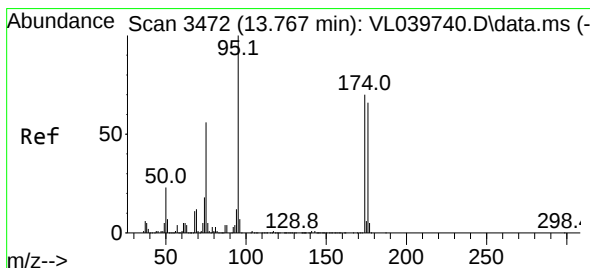
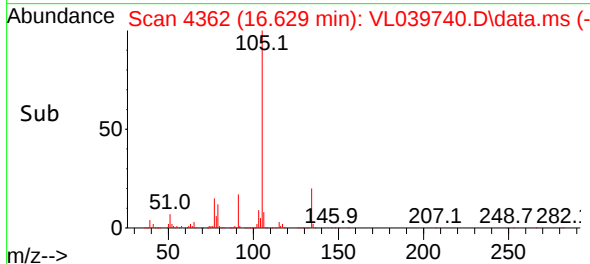
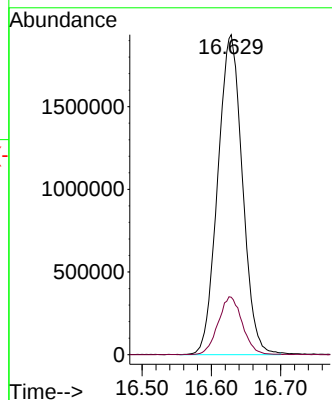
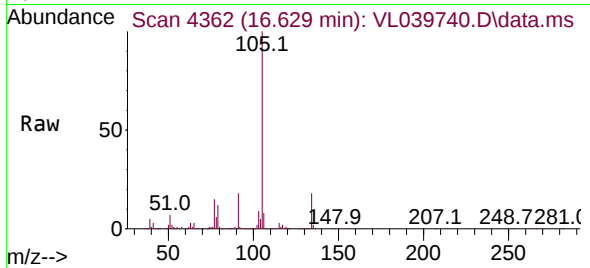




#67
 sec-Butylbenzene
 Concen: 8.319 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

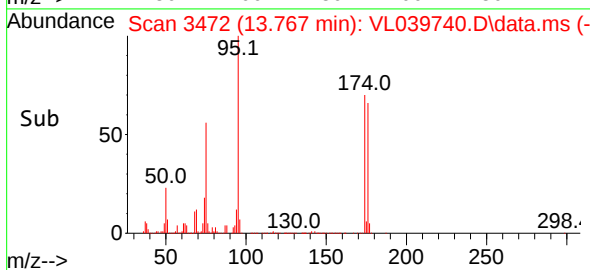
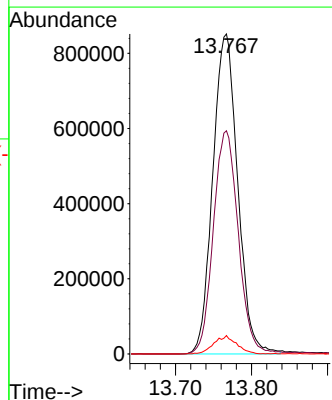
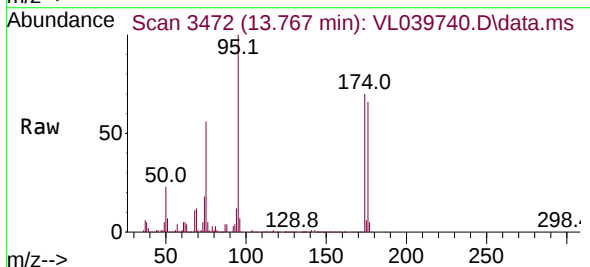
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

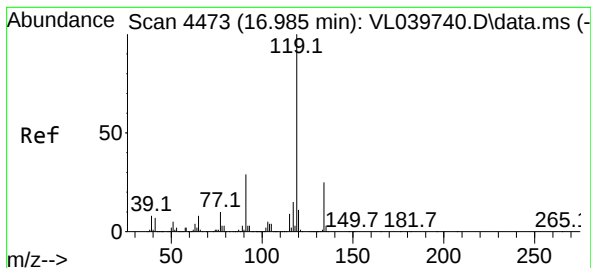
Tgt Ion:105 Resp: 4779999
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.370 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Tgt Ion: 95 Resp: 1936543
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.5 84.7
 175 5.3 4.2 6.4

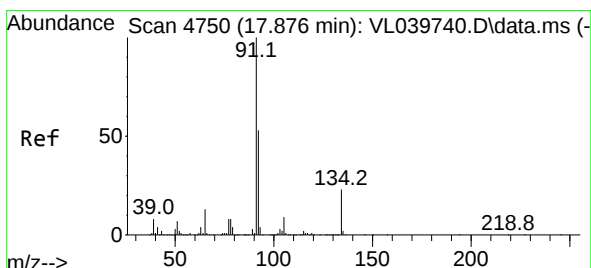
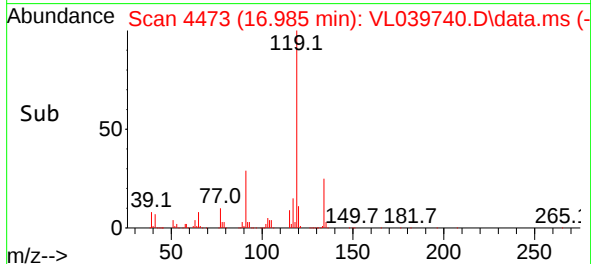
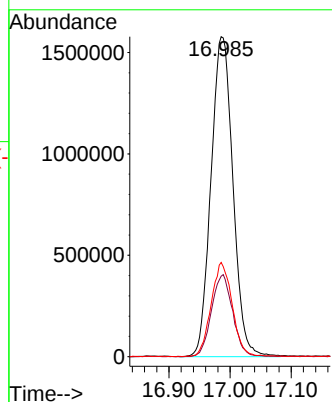
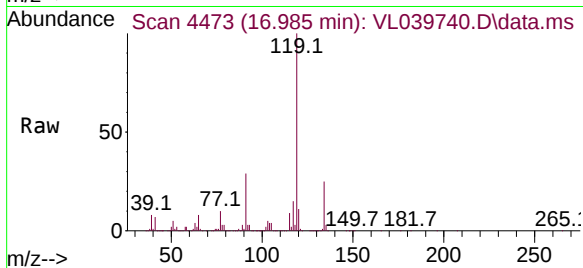




#69
p-Isopropyltoluene
Concen: 8.505 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

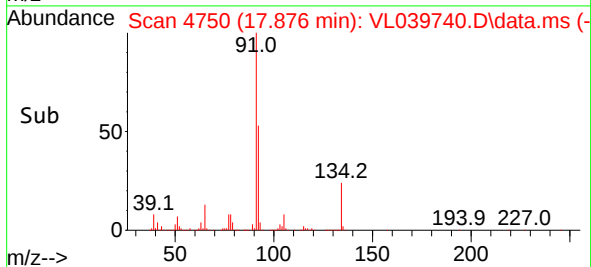
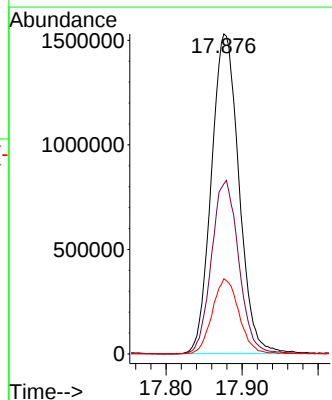
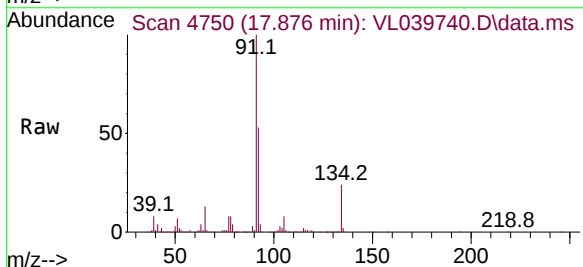
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

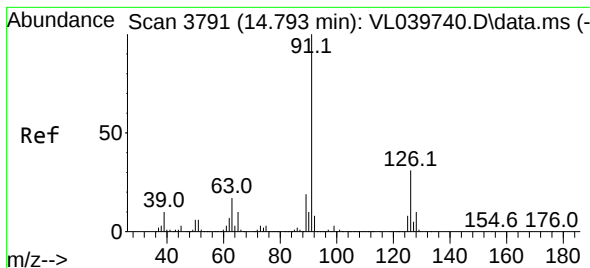
Tgt Ion:119 Resp: 3938139
Ion Ratio Lower Upper
119 100
134 24.8 19.8 29.8
91 28.4 22.7 34.1



#70
n-Butylbenzene
Concen: 8.617 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 91 Resp: 3840207
Ion Ratio Lower Upper
91 100
92 54.1 43.3 64.9
134 23.0 18.4 27.6

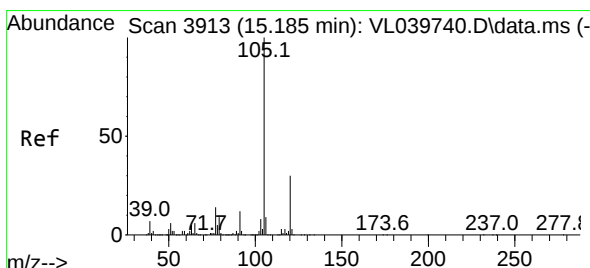
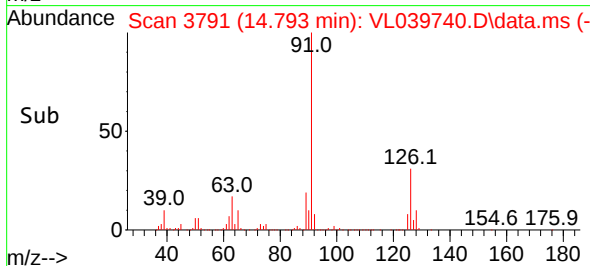
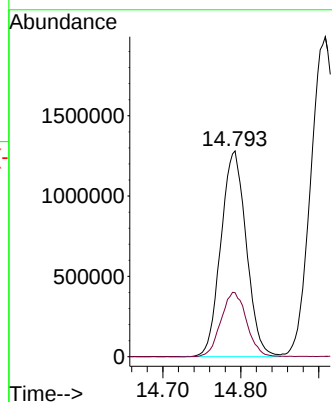
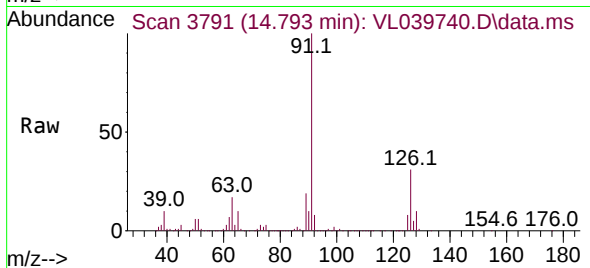




#71
2-Chlorotoluene
Concen: 8.609 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

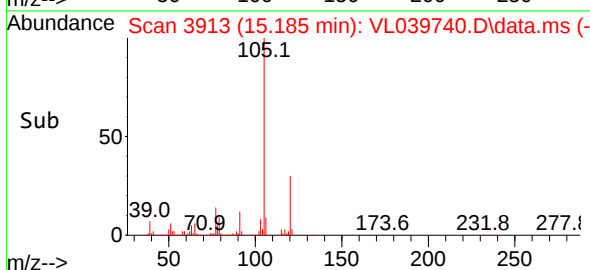
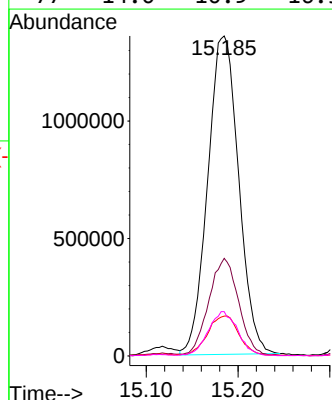
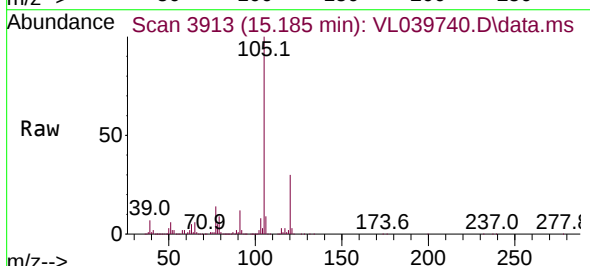
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

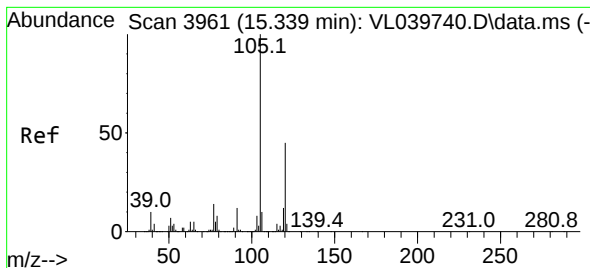
Tgt Ion: 91 Resp: 2904405
Ion Ratio Lower Upper
91 100
126 31.7 12.7 50.7



#72
4-Ethyltoluene
Concen: 8.936 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion: 105 Resp: 3174194
Ion Ratio Lower Upper
105 100
120 30.7 23.9 35.9
91 12.8 10.3 15.5
77 14.0 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 8.505 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

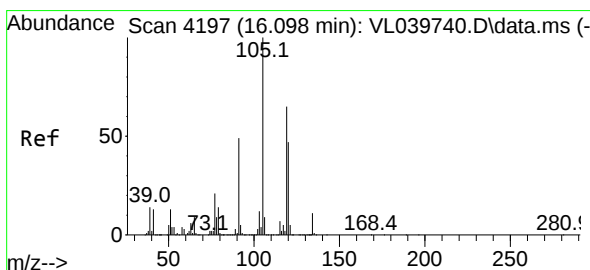
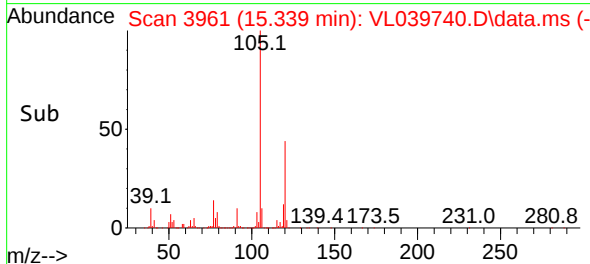
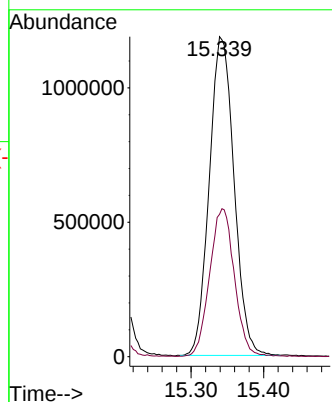
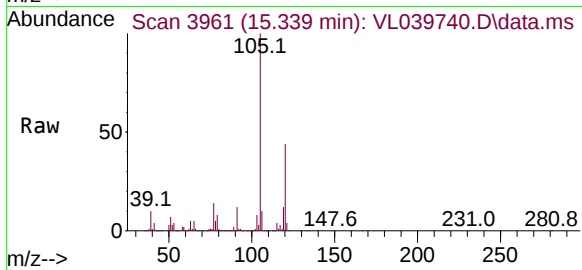
VSTDICCC010

Tgt Ion:105 Resp: 2812650

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4



#74

1,2,4-Trimethylbenzene

Concen: 8.229 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.000 min

Lab File: VL039740.D

Acq: 21 Oct 2022 10:04

Tgt Ion:105 Resp: 2989439

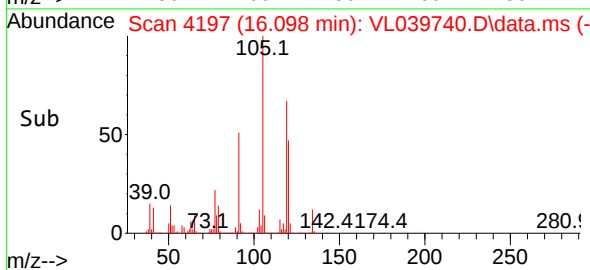
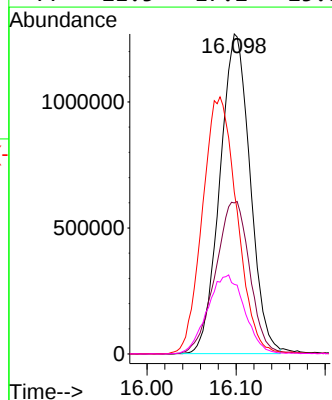
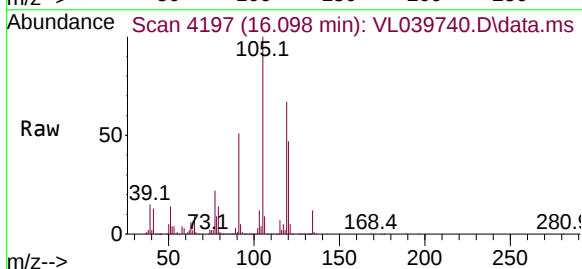
Ion Ratio Lower Upper

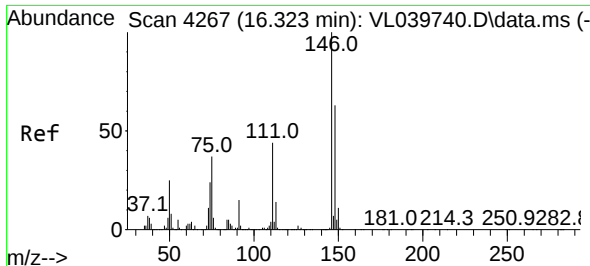
105 100

120 47.0 37.6 56.4

91 50.1 40.1 60.1

77 21.5 17.2 25.8

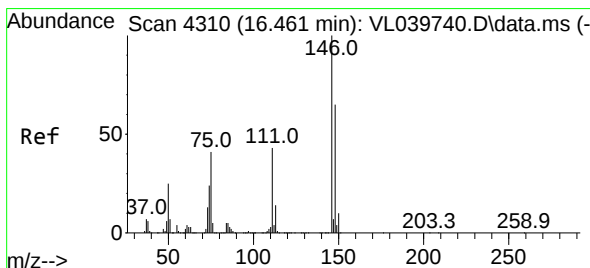
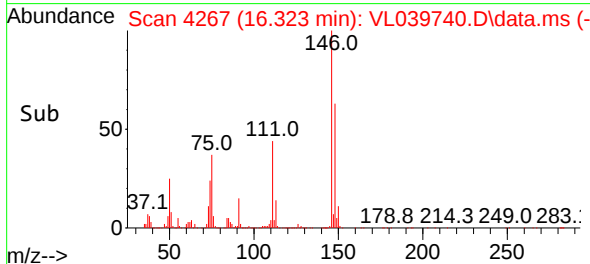
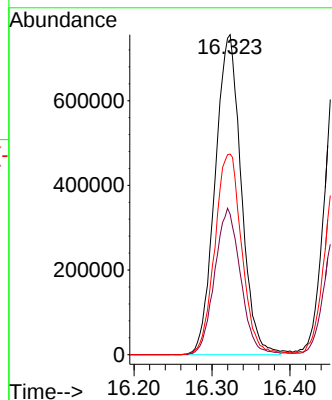
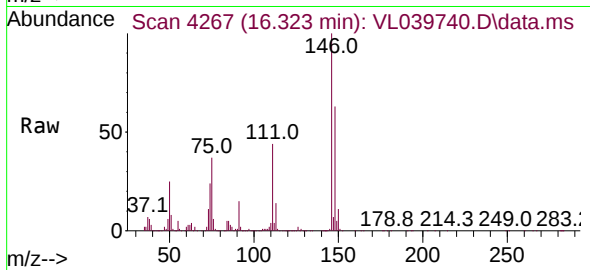




#75
1,3-Dichlorobenzene
Concen: 8.076 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

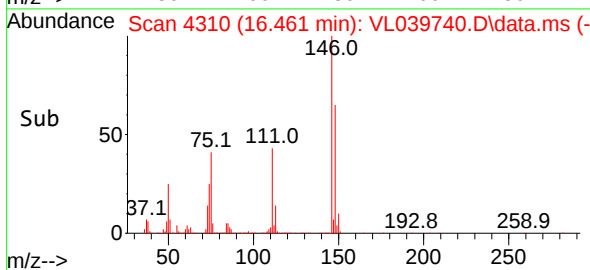
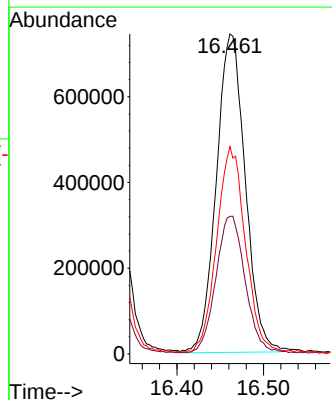
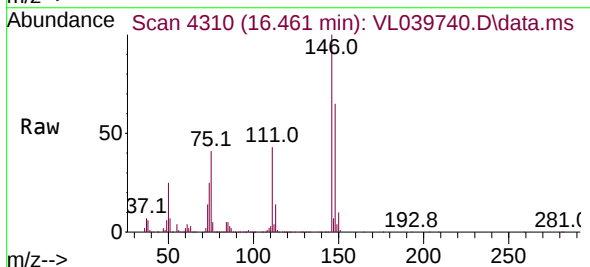
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

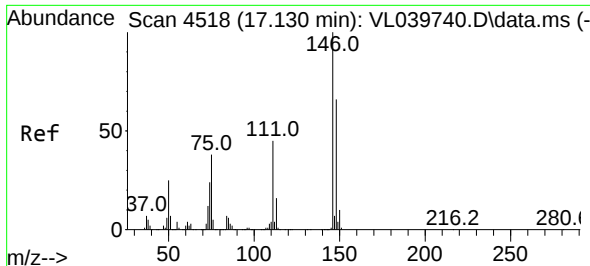
Tgt Ion:146 Resp: 1756873
Ion Ratio Lower Upper
146 100
111 45.5 22.8 68.3
148 65.0 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 8.122 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion:146 Resp: 1726261
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.5
148 65.2 33.2 99.6

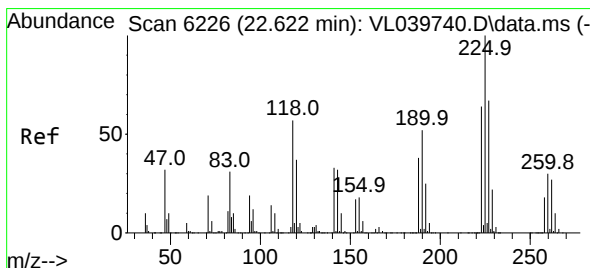
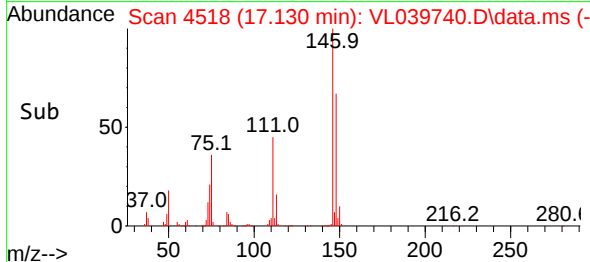
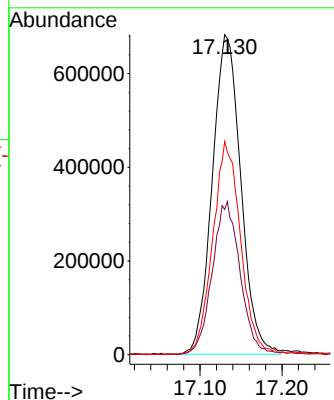
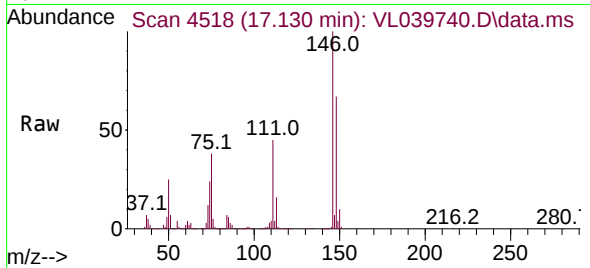




#77
1,2-Dichlorobenzene
Concen: 7.810 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

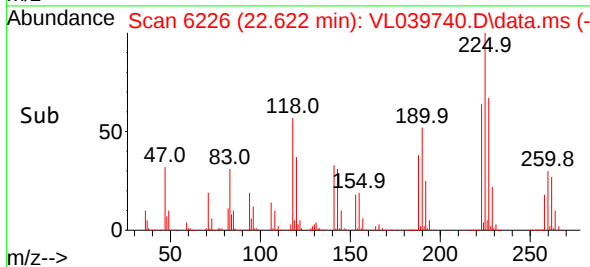
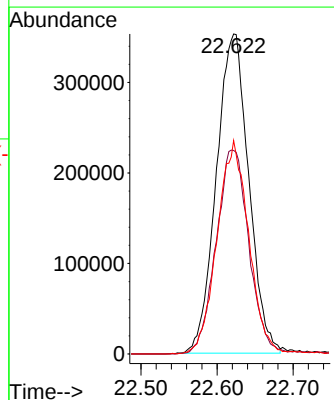
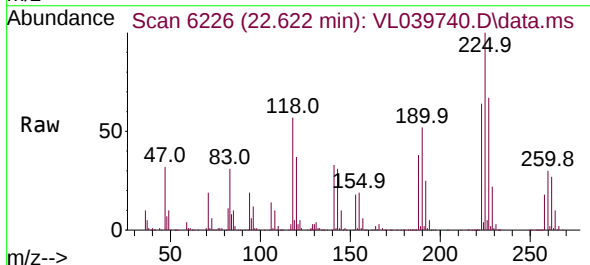
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

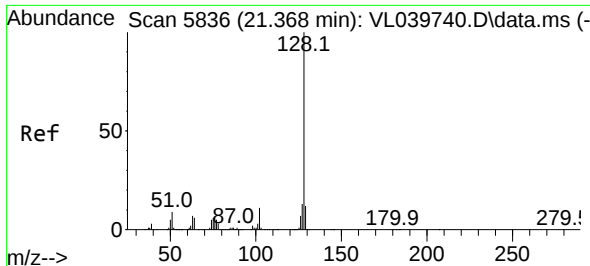
Tgt Ion:146 Resp: 1651388
Ion Ratio Lower Upper
146 100
111 46.9 23.6 70.8
148 65.4 32.8 98.3



#78
Hexachloro-1,3-Butadiene
Concen: 6.827 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion:225 Resp: 1042962
Ion Ratio Lower Upper
225 100
223 65.6 52.4 78.6
227 66.1 52.7 79.1

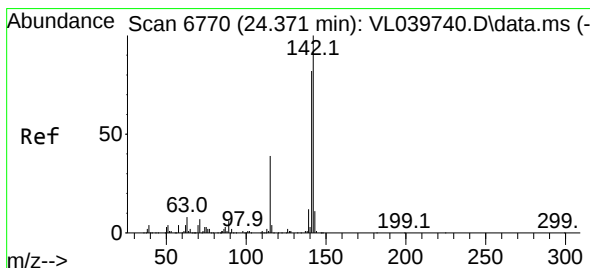
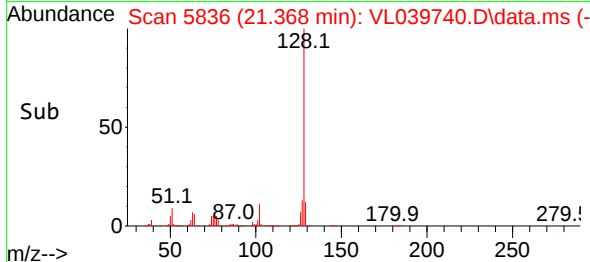
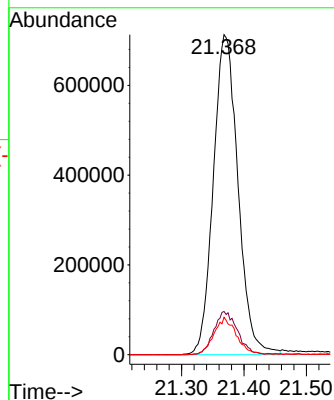
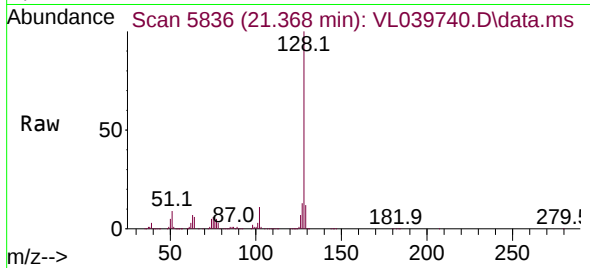




#79
Naphthalene
Concen: 9.196 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

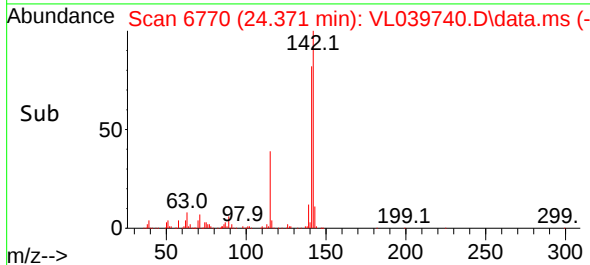
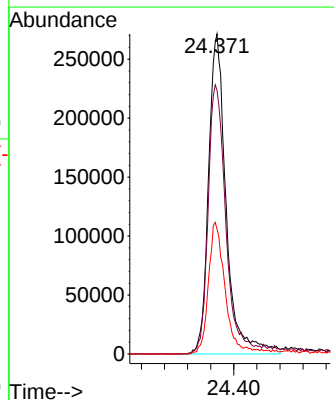
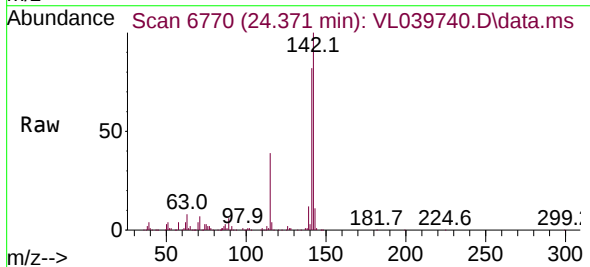
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

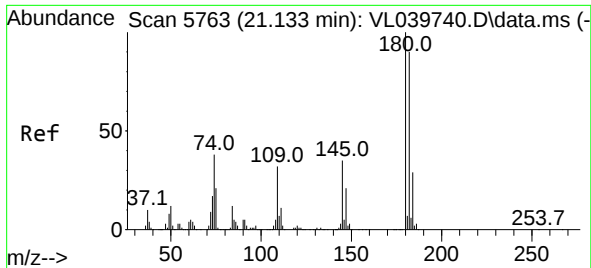
Tgt Ion:128 Resp: 1955785
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.7 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 9.063 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.000 min
Lab File: VL039740.D
Acq: 21 Oct 2022 10:04

Tgt Ion:142 Resp: 575595
Ion Ratio Lower Upper
142 100
141 84.1 70.0 105.0
115 40.0 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 3.265 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039740.D
 Acq: 21 Oct 2022 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 465190
 Ion Ratio Lower Upper
 180 100
 182 234.6 0.0 0.0#
 184 74.5 0.0 0.0#

