

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040172.D
 Acq On : 15 Feb 2023 12:23
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Feb 16 05:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	973701	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2578544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2319012	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1902007	9.974	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	103502	0.570	ppbv	100
3) Chlorodifluoromethane	2.658	51	63015	0.542	ppbv	96
4) Chloromethane	2.803	50	36058	0.494	ppbv #	87
5) Vinyl Chloride	2.909	62	33938	0.578	ppbv	91
6) Bromomethane	3.108	94	11038	0.521	ppbv #	74
7) Chloroethane	3.182	64	11295	0.485	ppbv #	81
8) Dichlorotetrafluoroethane	2.845	85	83073	0.531	ppbv	100
9) Propene	2.681	41	25914	0.547	ppbv	95
10) Heptane	7.571	43	24796	0.220	ppbv #	9
11) Trichlorofluoromethane	3.552	101	82824	0.509	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.057	101	61194	0.509	ppbv	95
13) Ethanol	3.247	45	3377	0.774	ppbv #	19
14) Bromoethene	3.356	108	24528	0.532	ppbv	99
15) Acetone	3.468	43	66003	0.563	ppbv	97
16) 1,3-Butadiene	2.973	39	27672	0.517	ppbv	94
17) tert-Butyl alcohol	3.883	59	32010	0.299	ppbv #	70
18) 1,1-Dichloroethene	3.870	96	27901	0.535	ppbv	97
19) Isopropyl Alcohol	3.578	45	13736	0.246	ppbv #	62
20) Methylene Chloride	3.925	84	39409	0.646	ppbv	87
21) Allyl Chloride	3.986	41	34941	0.486	ppbv	92
22) trans-1,2-Dichloroethene	4.439	96	26376	0.488	ppbv	89
23) Vinyl Acetate	4.620	43	10265	0.289	ppbv #	90
24) 1,1-Dichloroethane	4.552	63	55007	0.495	ppbv #	96
25) Ethyl Acetate	5.205	43	113921	0.523	ppbv	99
26) Hexane	5.208	57	48668	0.520	ppbv	96
27) Carbon Disulfide	4.118	76	52623	0.443	ppbv #	90
28) Methyl tert-Butyl Ether	4.591	73	50860	0.507	ppbv	100
29) Chloroform	5.263	83	85072	0.530	ppbv	93
30) Cyclohexane	6.600	84	17581	0.239	ppbv #	8
31) cis-1,2-Dichloroethene	5.070	61	42988	0.484	ppbv	87
32) 1,1,1-Trichloroethane	5.996	97	77698	0.515	ppbv	98
34) 2-Butanone	4.787	43	57180	0.450	ppbv	93
35) Carbon Tetrachloride	6.488	117	76338	0.501	ppbv	87
36) Benzene	6.365	78	100994	0.503	ppbv	99
37) 1,2-Dichloroethane	5.800	62	60225	0.480	ppbv	98
38) Trichloroethene	7.285	130	52375	0.474	ppbv	93
39) 1,2-Dichloropropane	7.073	63	35797	0.459	ppbv	86
40) 1,4-Dioxane	7.308	88	5051	0.162	ppbv #	1
42) Bromodichloromethane	7.246	83	77833	0.449	ppbv	98
43) Methyl Methacrylate	7.475	69	19822	0.267	ppbv #	1
44) 2,2,4-Trimethylpentane	7.324	57	159922	0.477	ppbv	97
45) t-1,3-Dichloropropene	8.706	75	22488	0.341	ppbv #	79
46) cis-1,3-Dichloropropene	8.134	75	14727	0.160	ppbv	94

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Quant Time: Feb 16 05:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

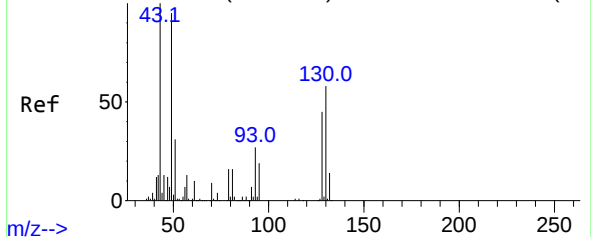
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.899	97	38862	0.460	ppbv	96
48) Dibromochloromethane	9.709	129	57184	0.423	ppbv	97
49) Bromoform	12.417	173	15664	0.149	ppbv #	1
50) 4-Methyl-2-Pentanone	8.201	43	92970	0.471	ppbv	99
51) 2-Hexanone	9.574	43	59731	0.393	ppbv #	94
52) Tetrachloroethene	10.613	164	12232	0.195	ppbv	87
53) Toluene	9.217	91	50301	0.234	ppbv #	20
54) 1,2-Dibromoethane	10.005	107	23638	0.269	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.510	131	48159	0.495	ppbv #	1
57) Chlorobenzene	11.526	112	83944	0.495	ppbv	97
58) Ethyl Benzene	12.095	91	129129	0.458	ppbv	89
59) m/p-Xylene	12.372	91	109025	0.437	ppbv #	25
60) o-Xylene	13.063	91	111477	0.464	ppbv	99
61) Styrene	12.905	104	50965	0.404	ppbv	98
62) Isopropylbenzene	14.037	105	166066	0.482	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	25258	0.292	ppbv #	24
64) n-propylbenzene	14.921	120	34250	0.401	ppbv #	47
65) tert-Butylbenzene	16.095	119	139638	0.466	ppbv	92
66) Benzyl Chloride	16.339	91	4023	0.202	ppbv #	87
67) sec-Butylbenzene	16.642	105	206465	0.481	ppbv	99
69) p-Isopropyltoluene	16.998	119	156084	0.458	ppbv	97
70) n-Butylbenzene	17.896	91	169685	0.459	ppbv	99
71) 2-Chlorotoluene	14.802	91	123826	0.470	ppbv	99
72) 4-Ethyltoluene	15.204	105	119656	0.451	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.359	105	110754	0.448	ppbv	93
74) 1,2,4-Trimethylbenzene	16.114	105	127634	0.470	ppbv	92
75) 1,3-Dichlorobenzene	16.339	146	56016	0.377	ppbv	75
76) 1,4-Dichlorobenzene	16.474	146	66264	0.455	ppbv	90
77) 1,2-Dichlorobenzene	17.150	146	37895	0.257	ppbv #	24
78) Hexachloro-1,3-Butadiene	22.651	225	25667	0.253	ppbv #	14
79) Naphthalene	21.407	128	34757	0.228	ppbv	97
80) Naphthalene,2-methyl-	24.397	142	10275	0.237	ppbv	92
81) 1,2,4-Trichlorobenzene	21.146	180	14288	0.150	ppbv #	11

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

Quant Time: Feb 16 05:15:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

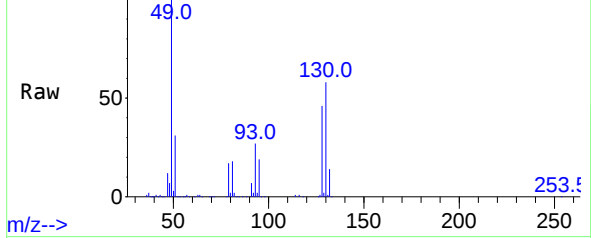


Abundance Scan 801 (5.179 min): VL040169.D\data.ms (-78)



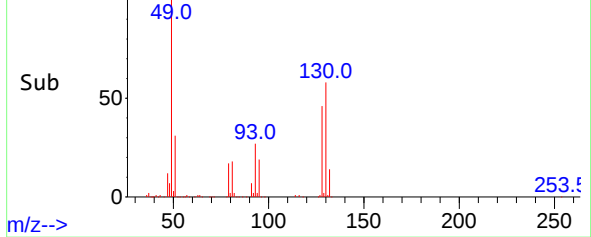
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Abundance Scan 802 (5.182 min): VL040172.D\data.ms



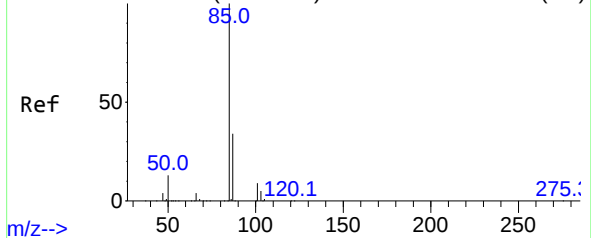
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Abundance Scan 802 (5.182 min): VL040172.D\data.ms (-64)



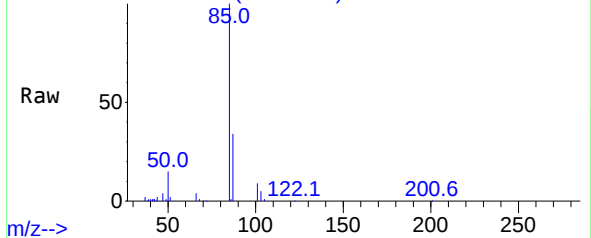
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Abundance Scan 34 (2.713 min): VL040169.D\data.ms (-25)



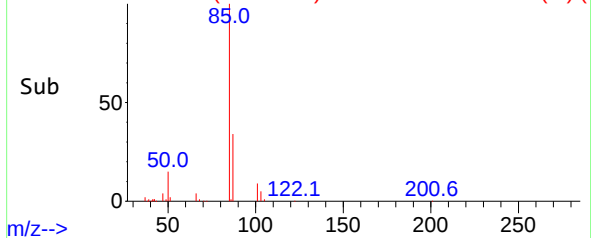
m/z-->

Abundance Scan 35 (2.716 min): VL040172.D\data.ms



m/z-->

Abundance Scan 35 (2.716 min): VL040172.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.182 min Scan# 80

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

Tgt Ion: 49 Resp: 973701

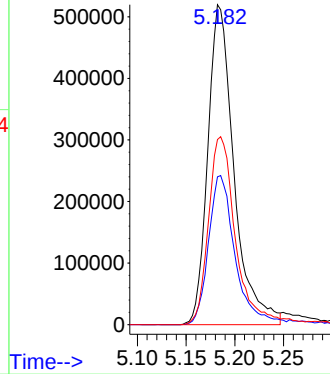
Ion Ratio Lower Upper

49 100

128 48.8 24.1 72.3

130 62.9 30.9 92.8

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 0.570 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

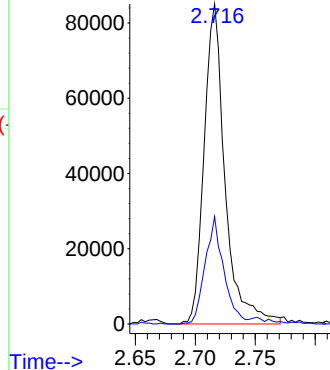
Tgt Ion: 85 Resp: 103502

Ion Ratio Lower Upper

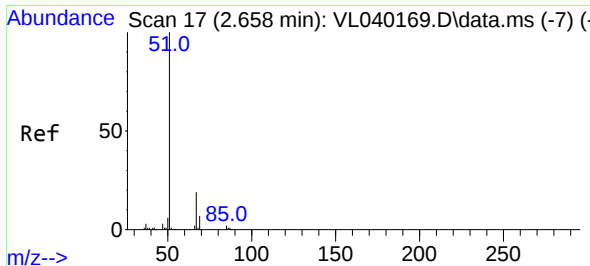
85 100

87 33.6 27.0 40.6

Abundance



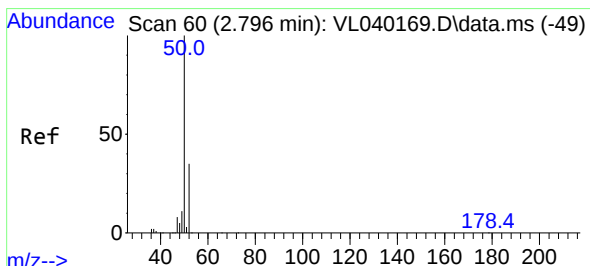
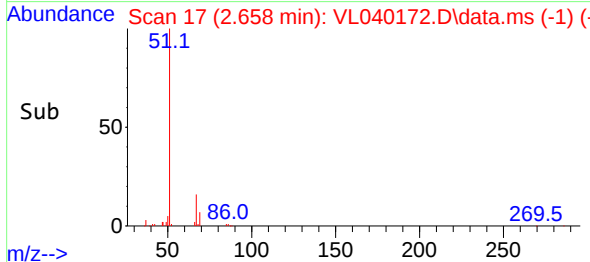
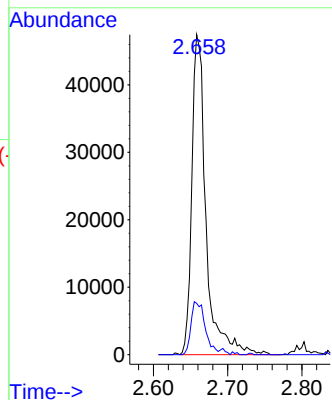
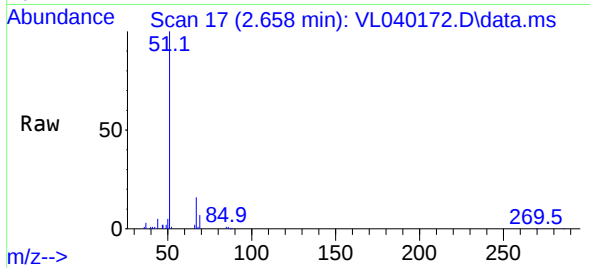
Time-->



#3
Chlorodifluoromethane
Concen: 0.542 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

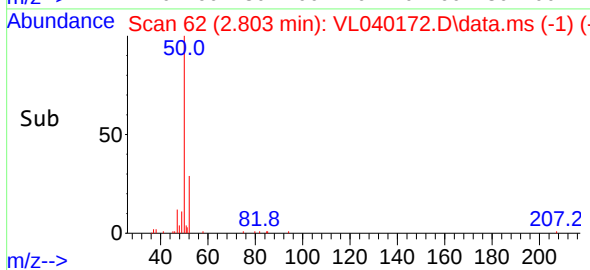
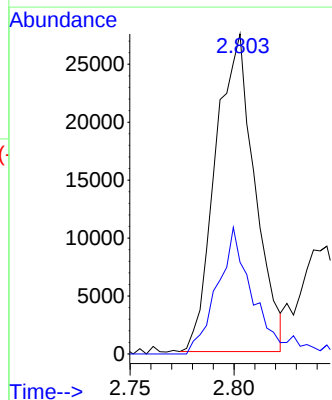
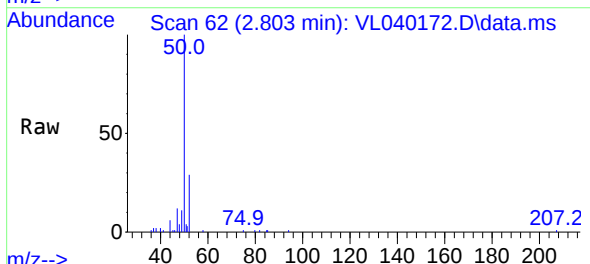
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 63015
Ion Ratio Lower Upper
51 100
67 17.6 15.4 23.2

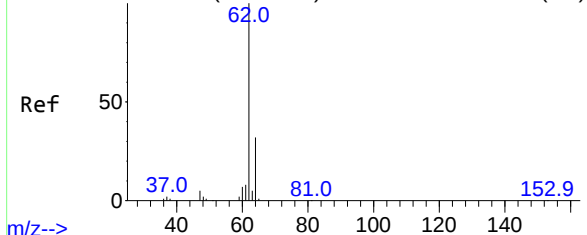


#4
Chloromethane
Concen: 0.494 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 50 Resp: 36058
Ion Ratio Lower Upper
50 100
52 27.7 28.3 42.5#



Abundance Scan 93 (2.902 min): VL040169.D\data.ms (-85)

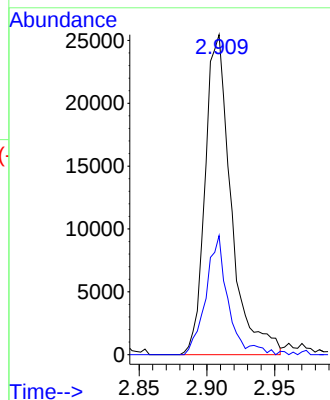
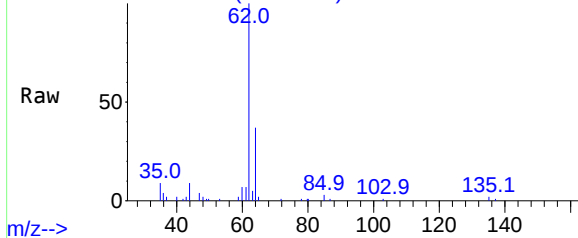


#5
Vinyl Chloride
Concen: 0.578 ppbv
RT: 2.909 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

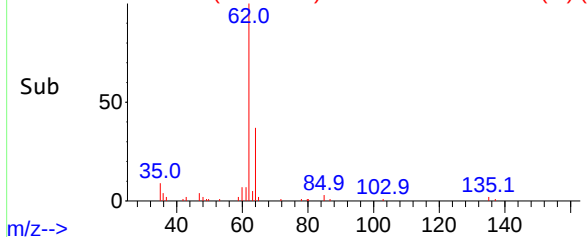
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 33938
Ion Ratio Lower Upper
62 100
64 37.2 25.6 38.4

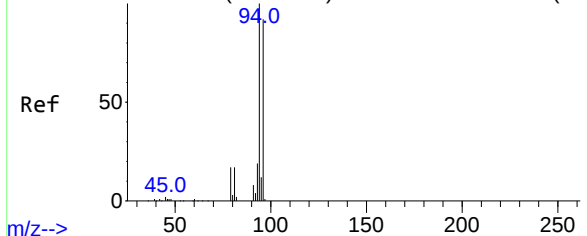
Abundance Scan 95 (2.909 min): VL040172.D\data.ms



Abundance Scan 95 (2.909 min): VL040172.D\data.ms (-1)



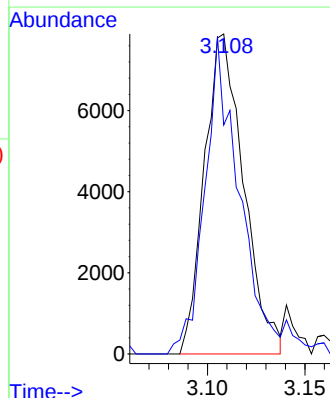
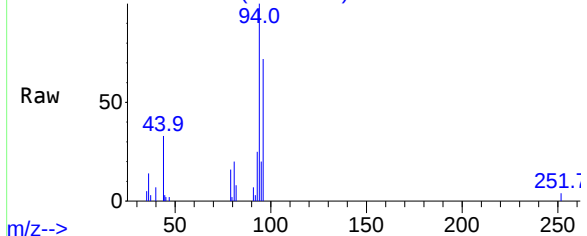
Abundance Scan 155 (3.102 min): VL040169.D\data.ms (-14)



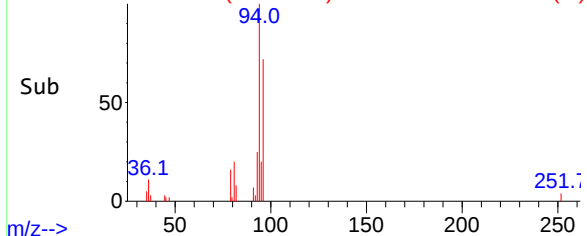
#6
Bromomethane
Concen: 0.521 ppbv
RT: 3.108 min Scan# 157
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

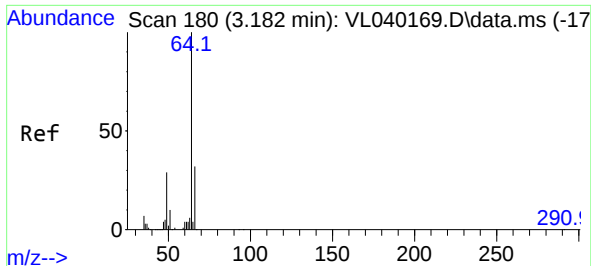
Tgt Ion: 94 Resp: 11038
Ion Ratio Lower Upper
94 100
96 67.2 73.4 110.2#

Abundance Scan 157 (3.108 min): VL040172.D\data.ms



Abundance Scan 157 (3.108 min): VL040172.D\data.ms (-1)

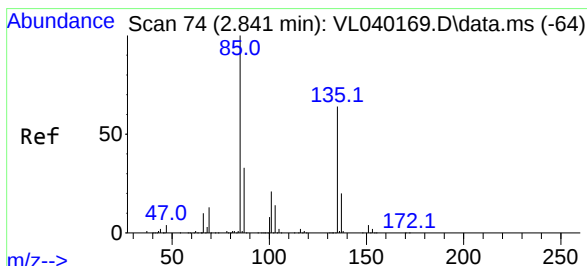
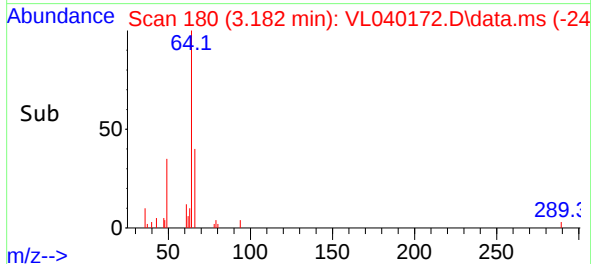
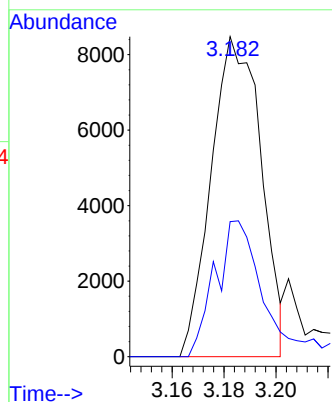
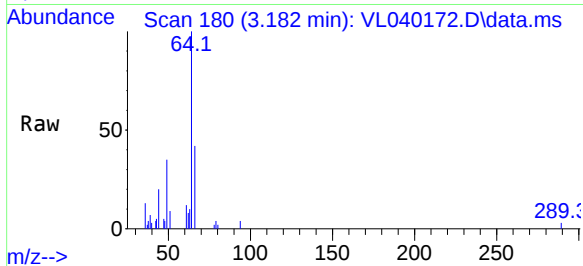




#7
Chloroethane
Concen: 0.485 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

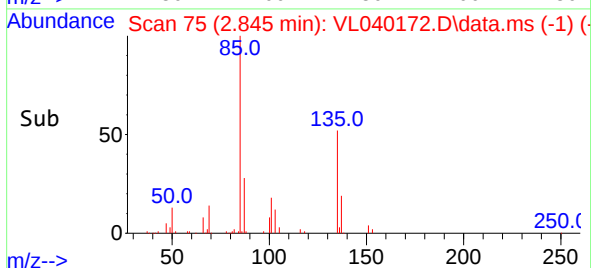
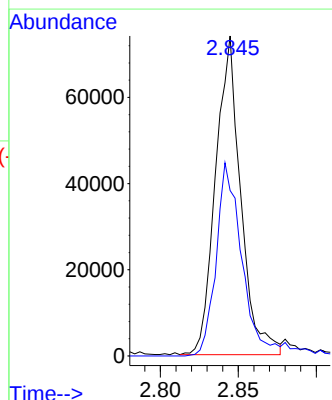
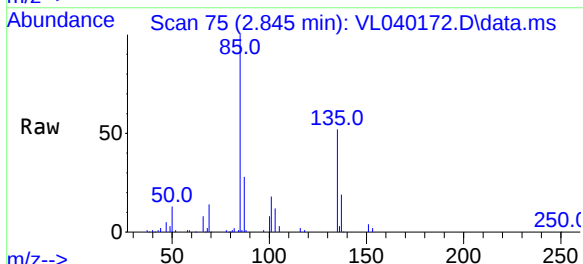
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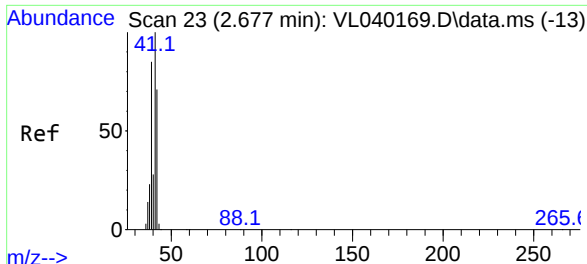
Tgt Ion: 64 Resp: 11295
Ion Ratio Lower Upper
64 100
66 42.2 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.531 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 85 Resp: 83073
Ion Ratio Lower Upper
85 100
135 64.7 51.5 77.3





#9

Propene

Concen: 0.547 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

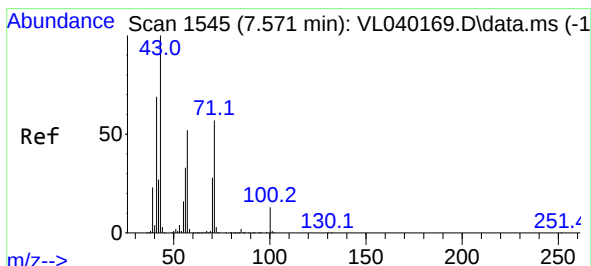
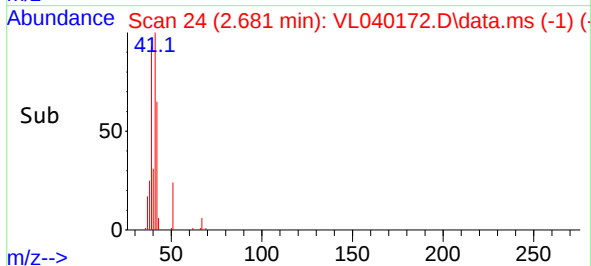
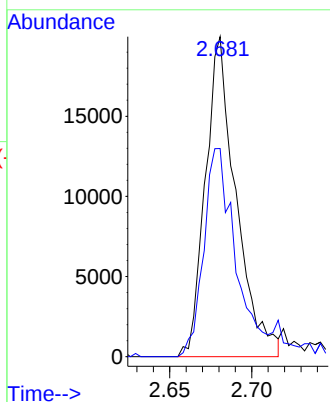
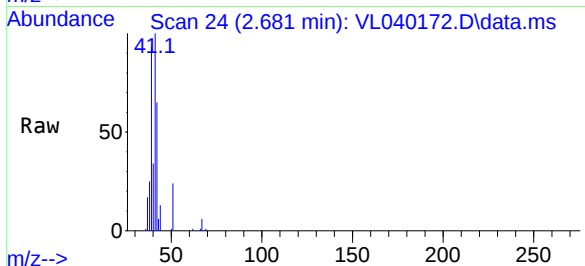
VSTDICC0.5

Tgt Ion: 41 Resp: 25914

Ion Ratio Lower Upper

41 100

42 74.9 56.9 85.3



#10

Heptane

Concen: 0.220 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. 0.000 min

Lab File: VL040172.D

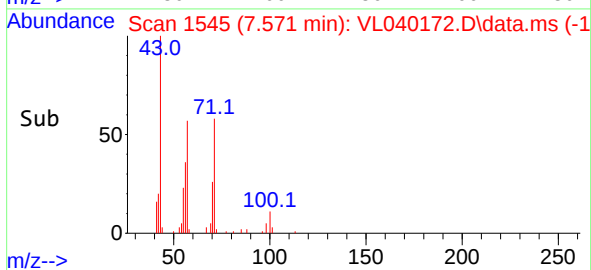
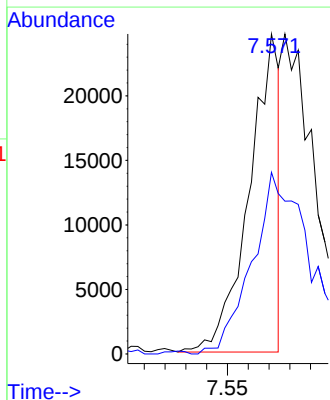
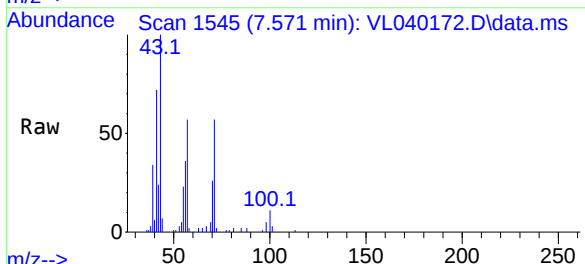
Acq: 15 Feb 2023 12:23

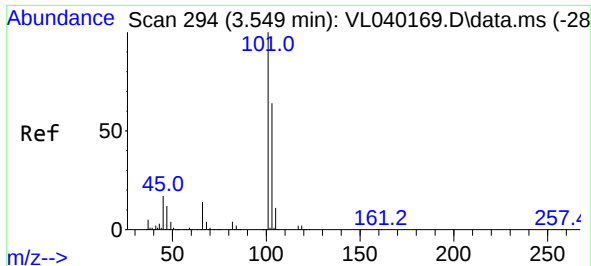
Tgt Ion: 43 Resp: 24796

Ion Ratio Lower Upper

43 100

57 115.7 41.4 62.2#

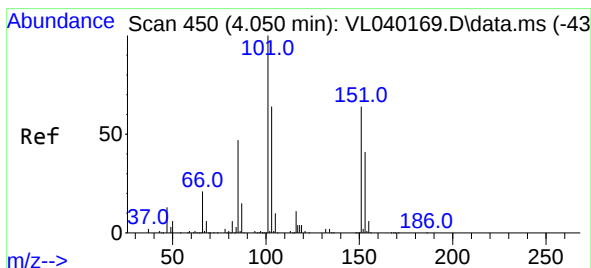
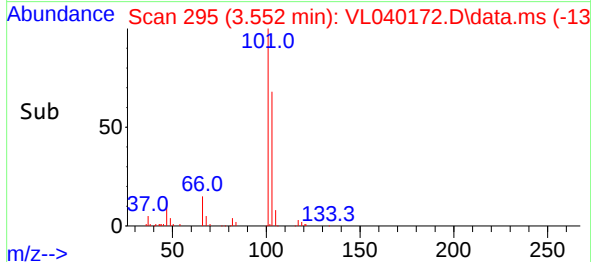
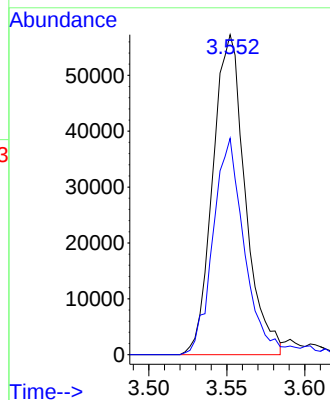
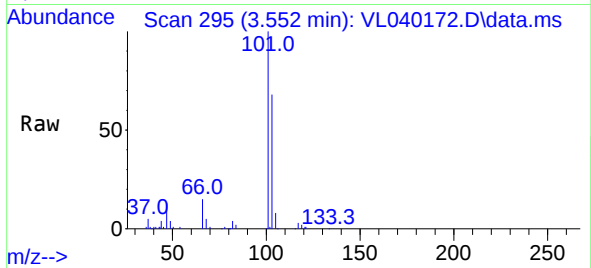




#11
Trichlorofluoromethane
Concen: 0.509 ppbv
RT: 3.552 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

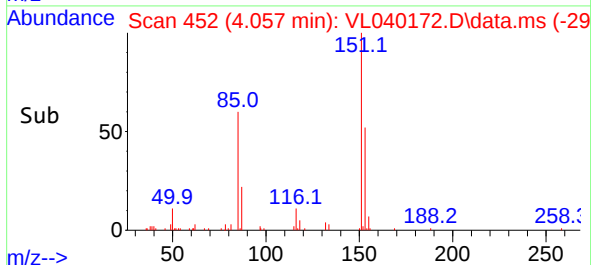
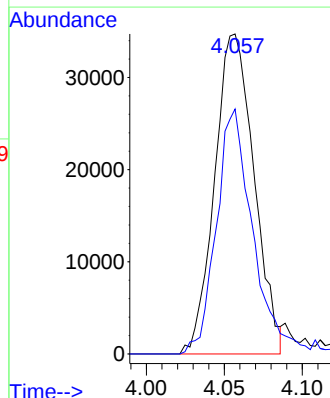
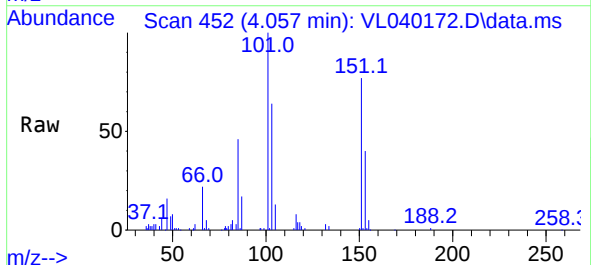
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

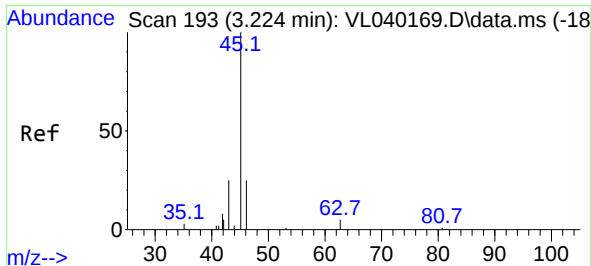
Tgt Ion:101 Resp: 82824
Ion Ratio Lower Upper
101 100
103 67.6 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.509 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:101 Resp: 61194
Ion Ratio Lower Upper
101 100
151 72.7 54.7 82.1

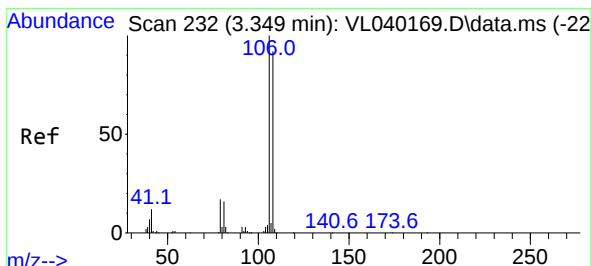
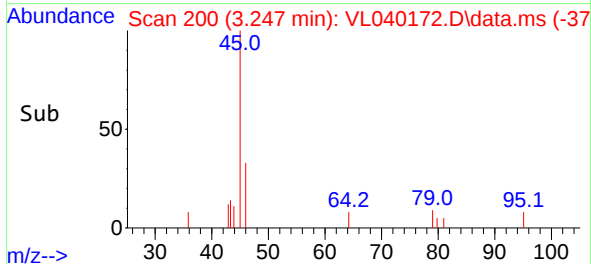
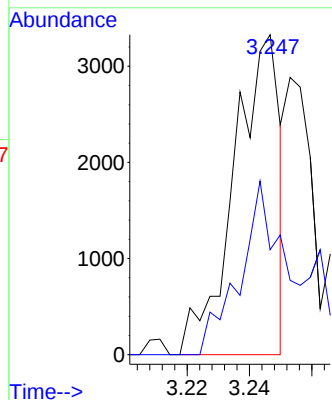
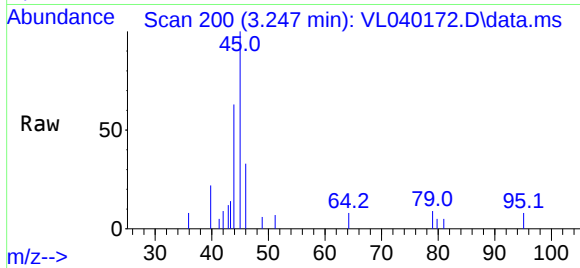




#13
Ethanol
Concen: 0.774 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

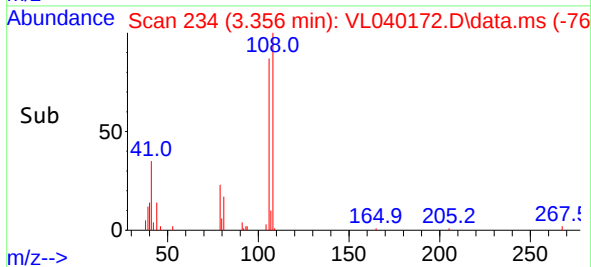
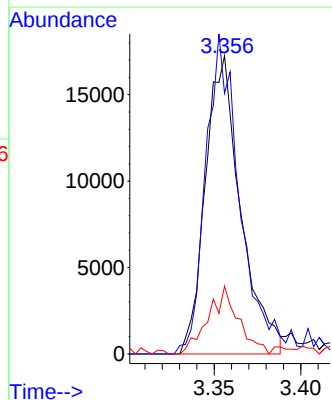
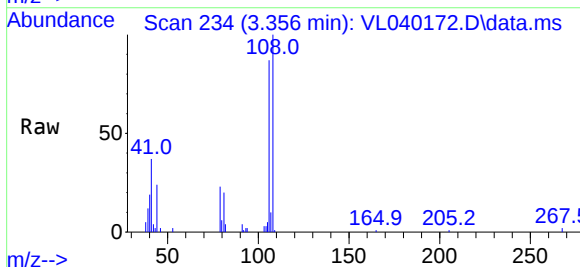
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

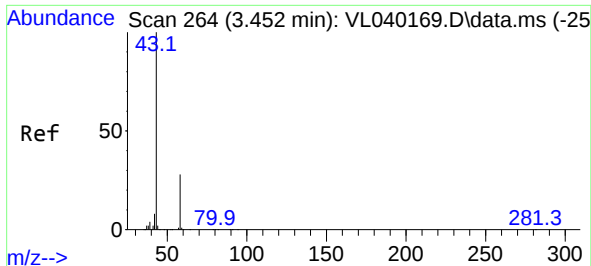
Tgt Ion: 45 Resp: 3377
Ion Ratio Lower Upper
45 100
46 79.0 13.3 53.1#



#14
Bromoethene
Concen: 0.532 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 108 Resp: 24528
Ion Ratio Lower Upper
108 100
106 107.5 87.1 130.7
79 20.2 15.4 23.2

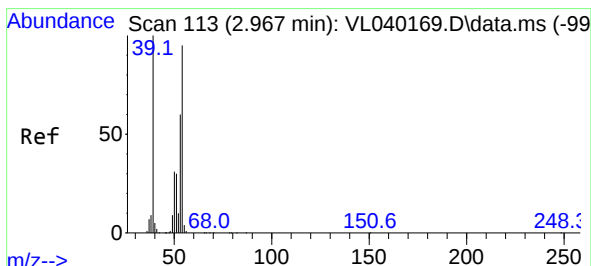
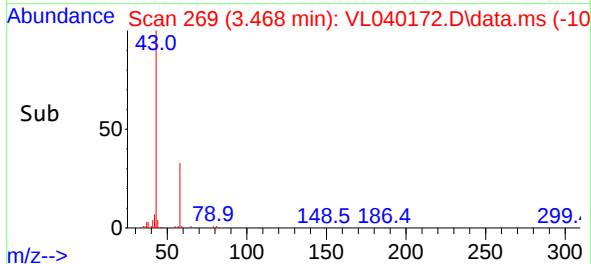
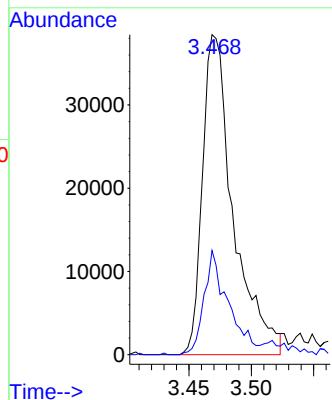
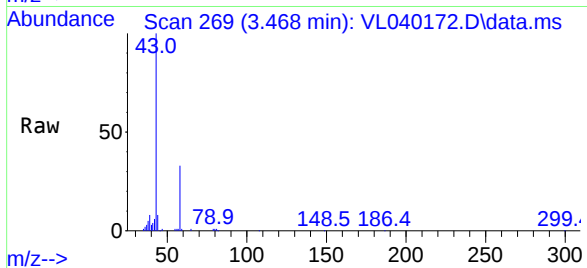




#15
Acetone
Concen: 0.563 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

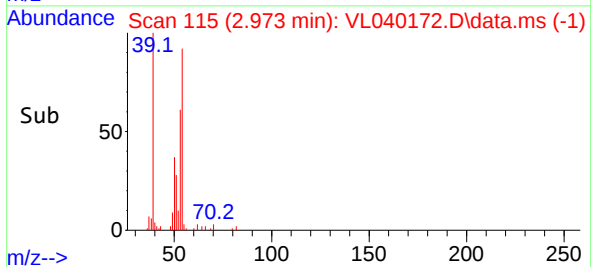
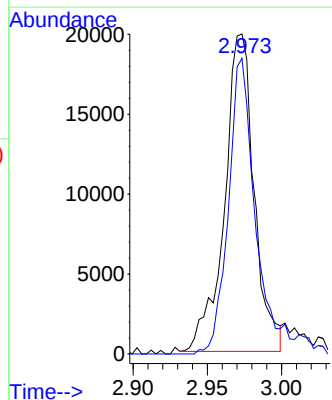
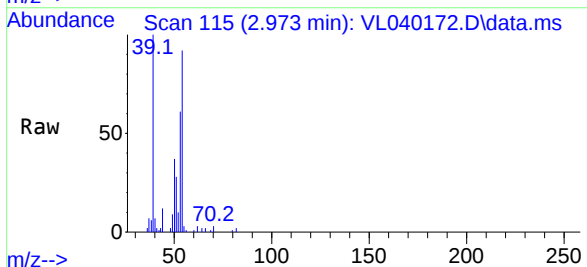
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

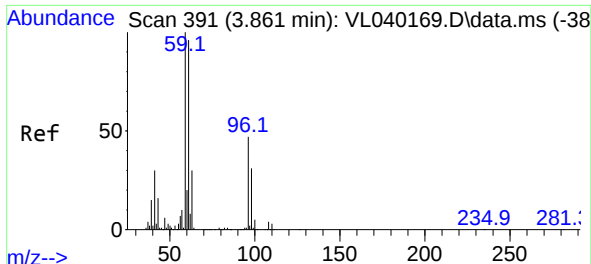
Tgt Ion: 43 Resp: 66003
Ion Ratio Lower Upper
43 100
58 29.5 22.4 33.6



#16
1,3-Butadiene
Concen: 0.517 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 39 Resp: 27672
Ion Ratio Lower Upper
39 100
54 88.9 66.7 100.1

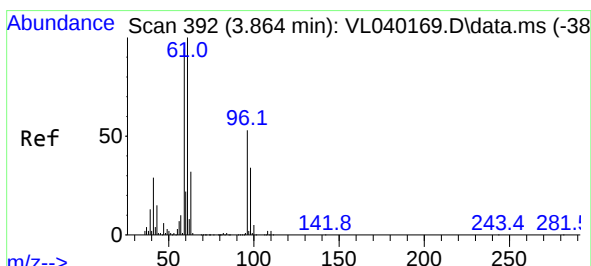
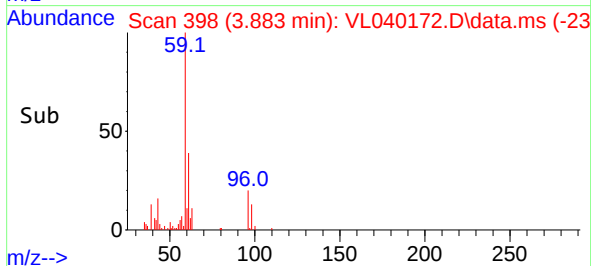
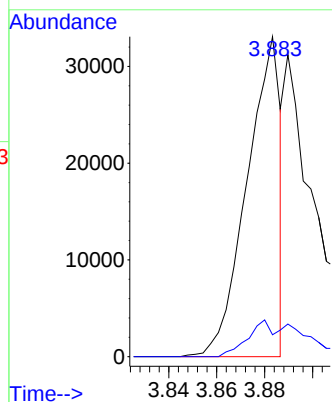
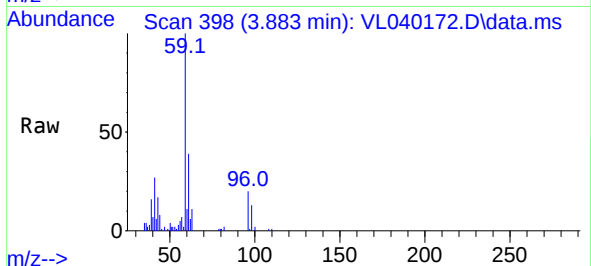




#17
tert-Butyl alcohol
Concen: 0.299 ppbv
RT: 3.883 min Scan# 391
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

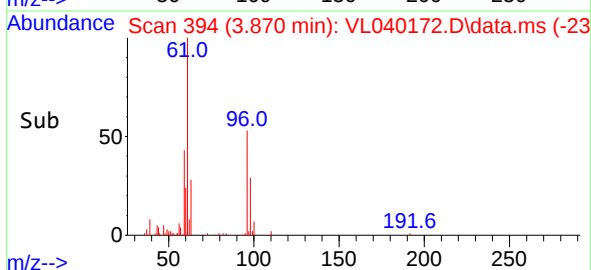
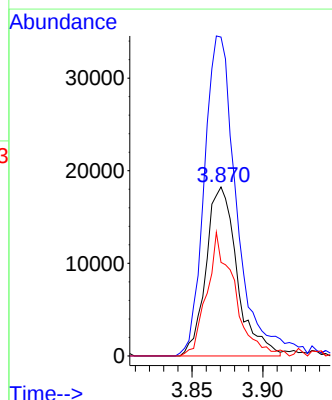
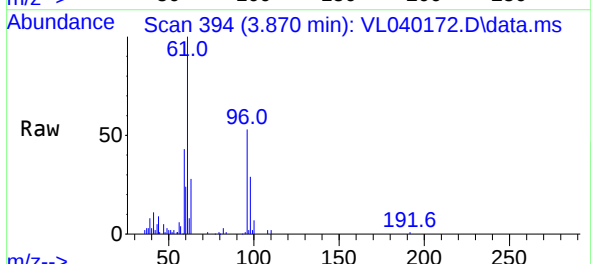
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

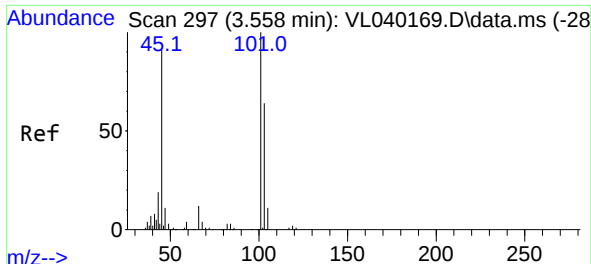
Tgt Ion: 59 Resp: 32010
Ion Ratio Lower Upper
59 100
57 21.7 8.5 12.7#



#18
1,1-Dichloroethene
Concen: 0.535 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 96 Resp: 27901
Ion Ratio Lower Upper
96 100
61 187.0 149.6 224.4
98 55.3 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.246 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.019 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

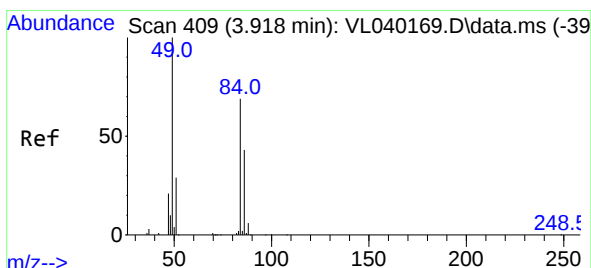
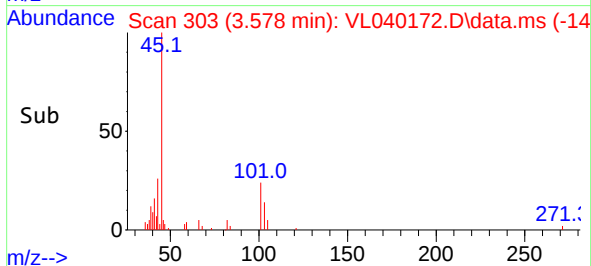
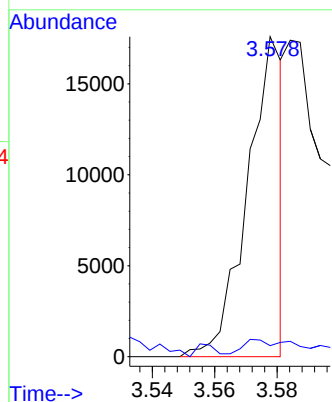
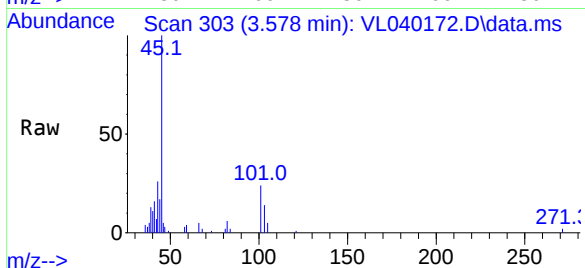
VSTDICC0.5

Tgt Ion: 45 Resp: 13736

Ion Ratio Lower Upper

45 100

58 15.8 2.6 3.8#



#20

Methylene Chloride

Concen: 0.646 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Tgt Ion: 84 Resp: 39409

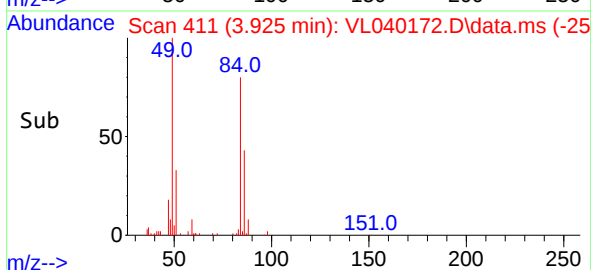
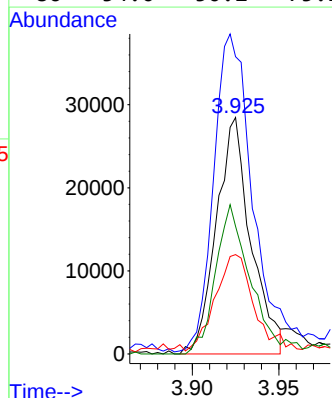
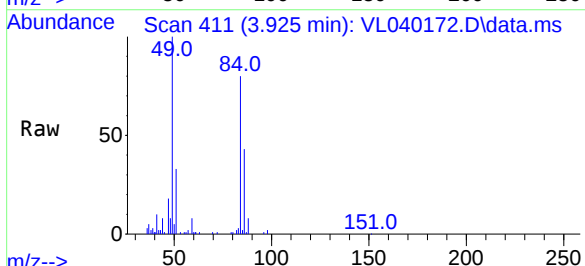
Ion Ratio Lower Upper

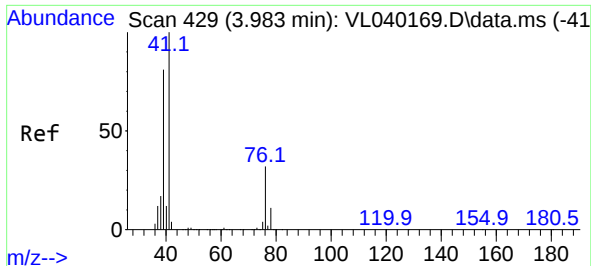
84 100

49 124.4 115.5 173.3

51 38.0 33.1 49.7

86 54.0 50.2 75.2





#21

Allyl Chloride

Concen: 0.486 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

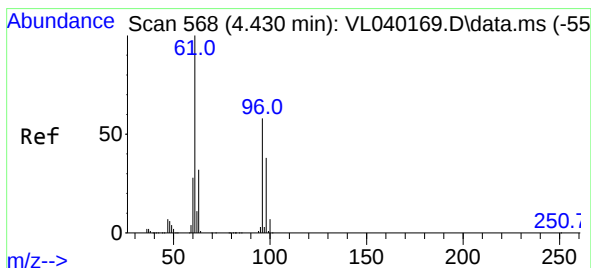
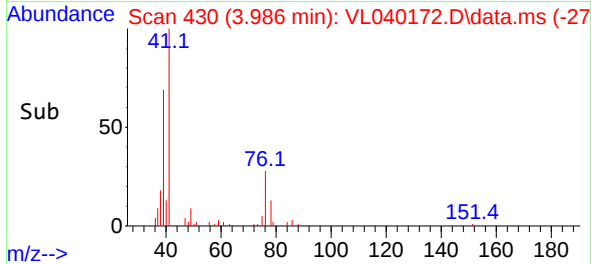
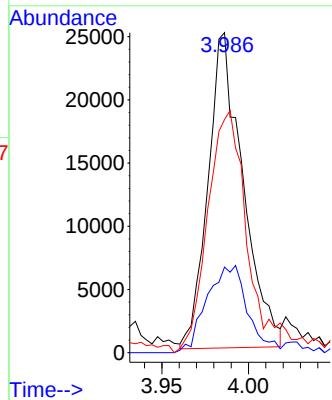
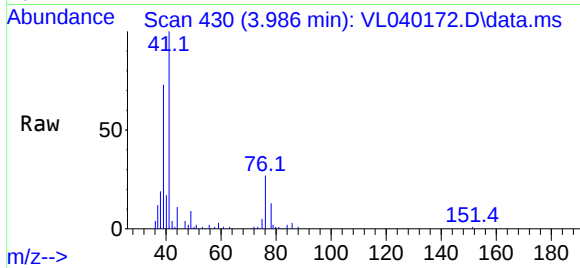
Tgt Ion: 41 Resp: 34941

Ion Ratio Lower Upper

41 100

76 34.5 25.5 38.3

39 89.4 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 0.488 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.010 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

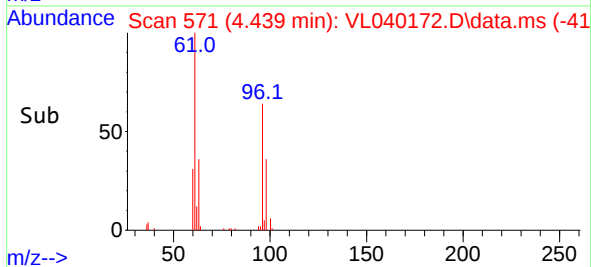
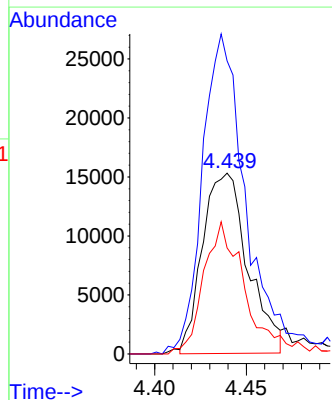
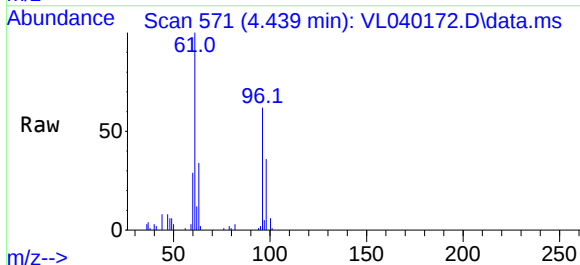
Tgt Ion: 96 Resp: 26376

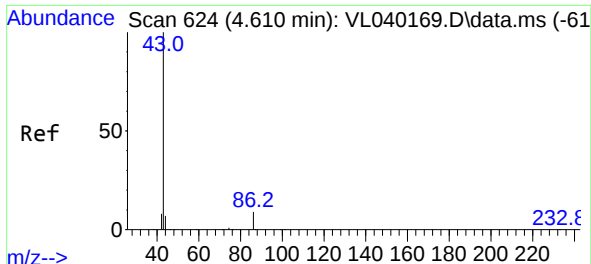
Ion Ratio Lower Upper

96 100

61 157.8 137.5 206.3

98 57.0 52.8 79.2

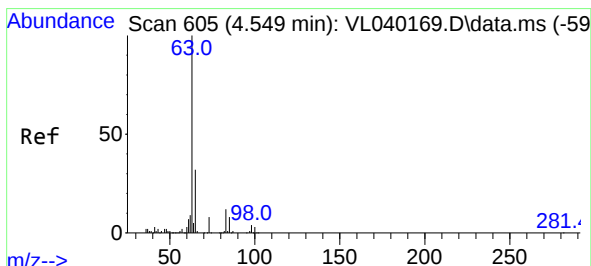
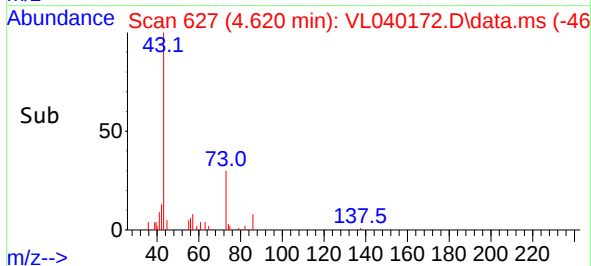
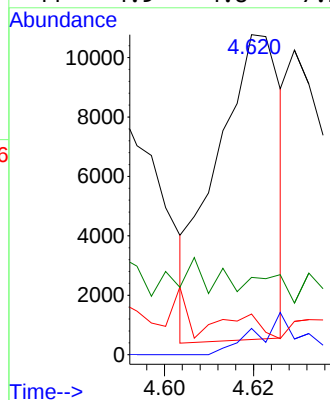
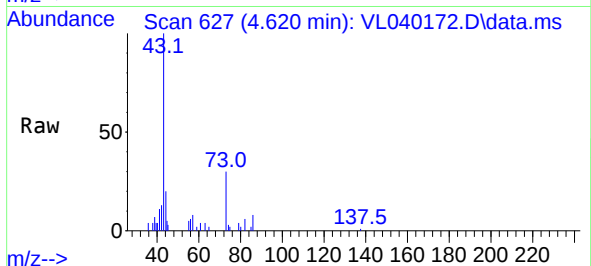




#23
 Vinyl Acetate
 Concen: 0.289 ppbv
 RT: 4.620 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

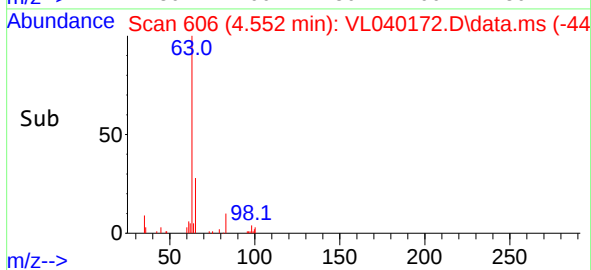
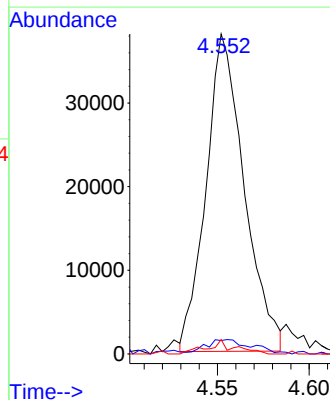
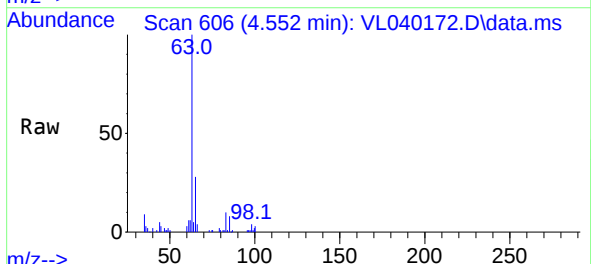
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

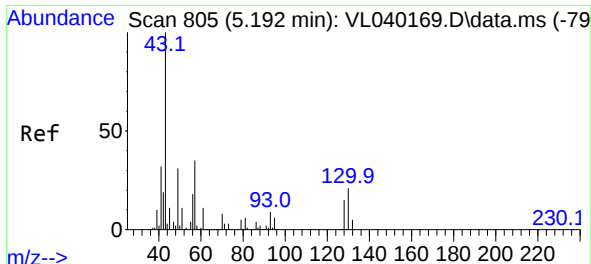
Tgt Ion: 43 Resp: 10265
 Ion Ratio Lower Upper
 43 100
 86 13.0 5.6 8.4#
 42 12.2 7.6 11.4#
 44 4.9 4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 0.495 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

Tgt Ion: 63 Resp: 55007
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.3 6.8
 100 4.7 1.4 4.0#



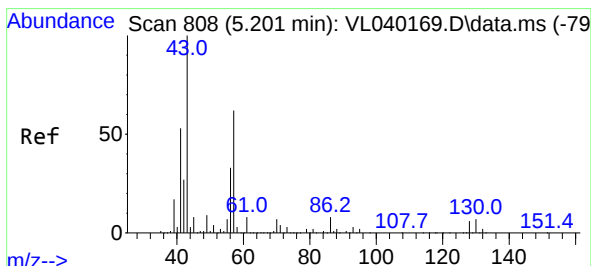
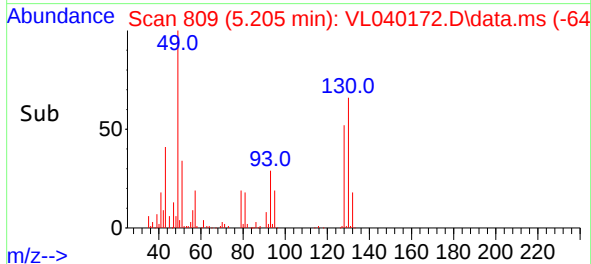
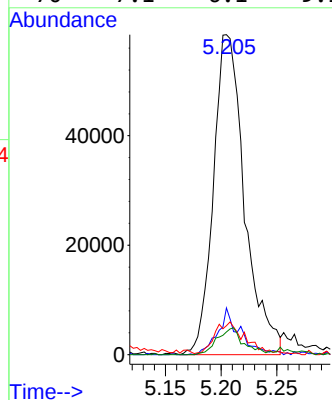
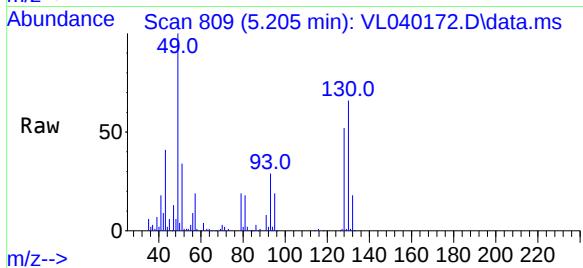


#25
Ethyl Acetate
Concen: 0.523 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 113921

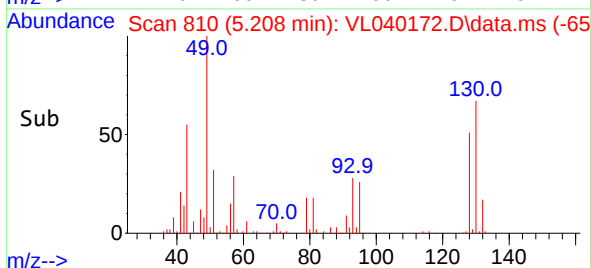
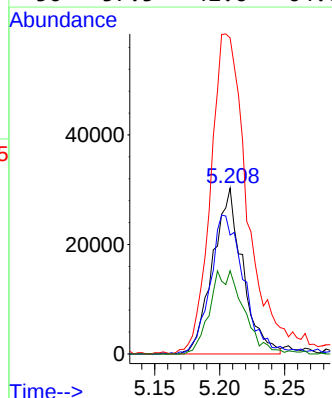
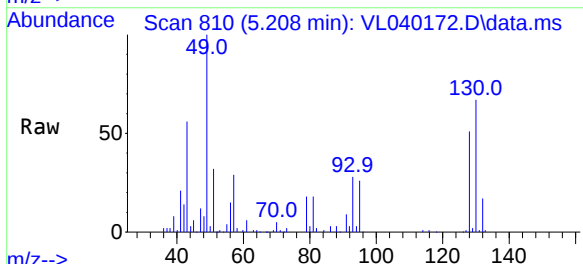
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	11.0	8.4	12.6
70	7.1	6.1	9.1

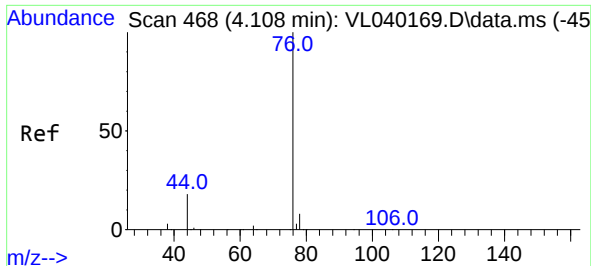


#26
Hexane
Concen: 0.520 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 57 Resp: 48668

Ion	Ratio	Lower	Upper
57	100		
41	97.3	74.3	111.5
43	247.7	193.0	289.4
56	57.5	42.6	64.0

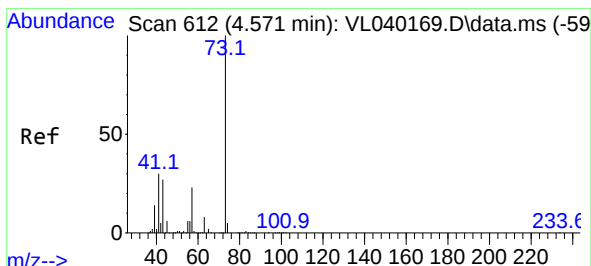
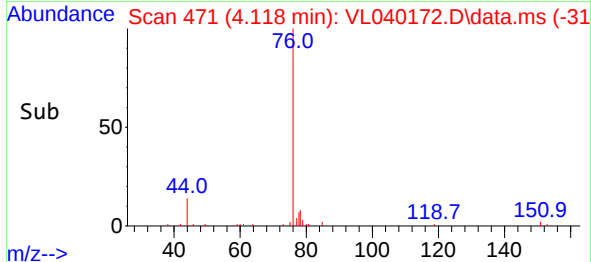
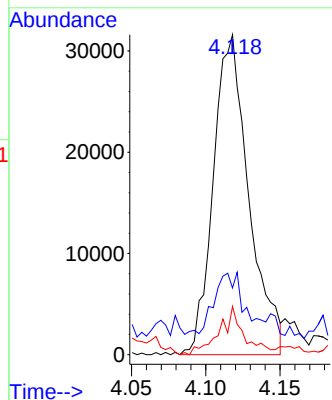
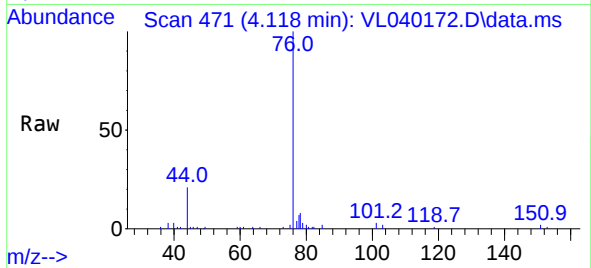




#27
Carbon Disulfide
Concen: 0.443 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

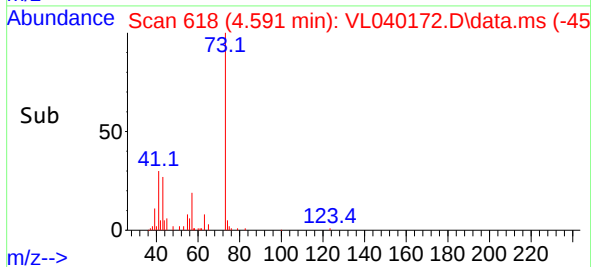
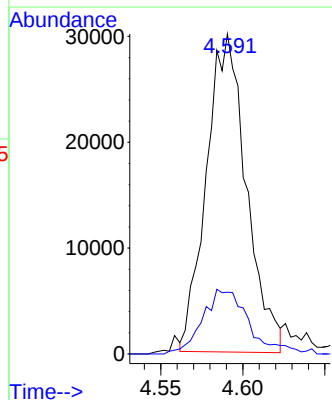
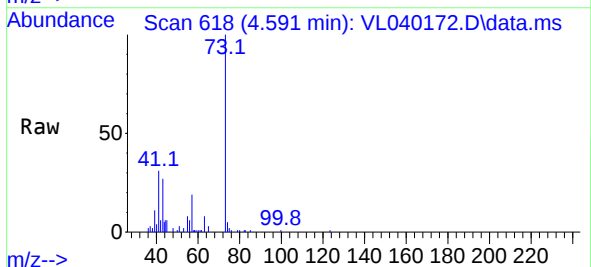
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

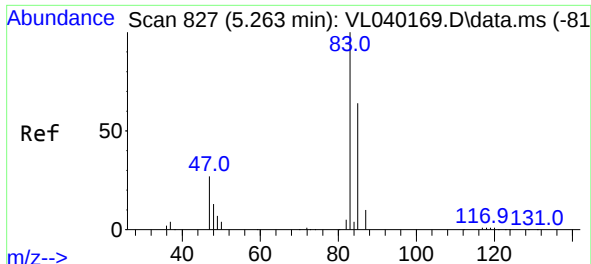
Tgt Ion: 76 Resp: 52623
Ion Ratio Lower Upper
76 100
44 23.4 15.3 22.9#
78 13.7 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.507 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.019 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 73 Resp: 50860
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2

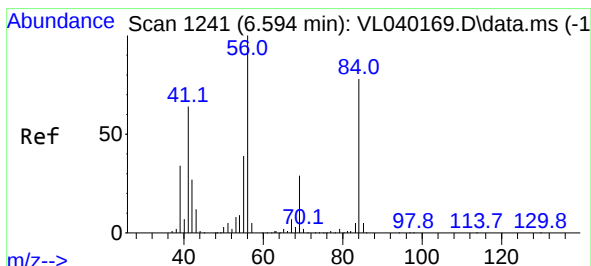
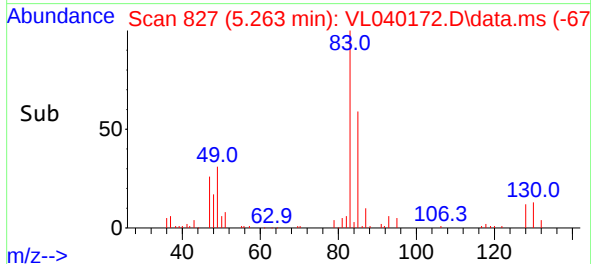
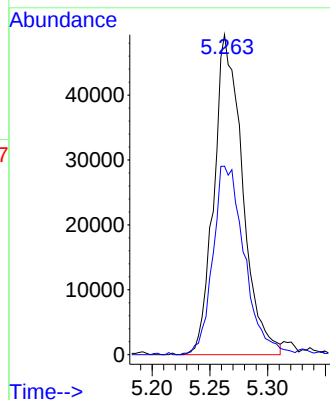
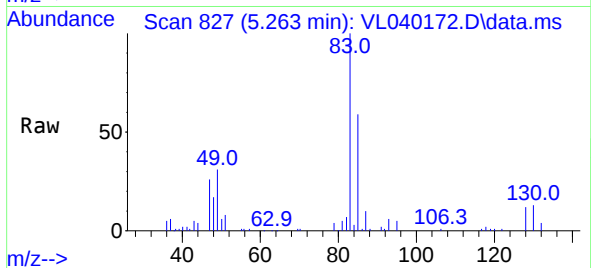




#29
Chloroform
Concen: 0.530 ppbv
RT: 5.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

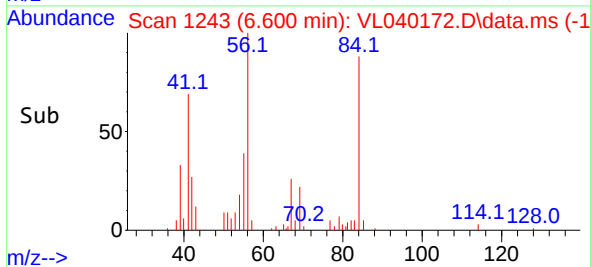
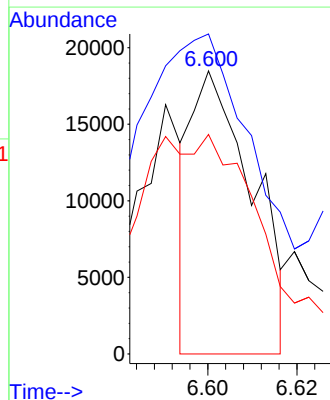
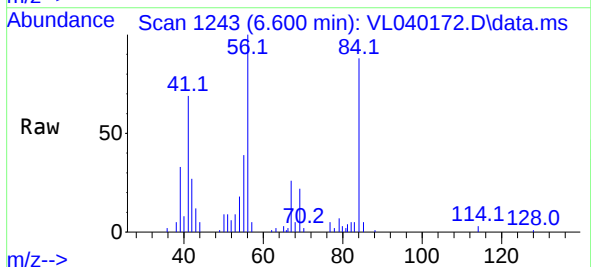
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

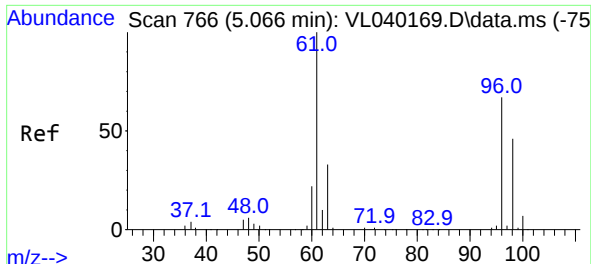
Tgt Ion: 83 Resp: 85072
Ion Ratio Lower Upper
83 100
85 58.9 51.5 77.3



#30
Cyclohexane
Concen: 0.239 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 84 Resp: 17581
Ion Ratio Lower Upper
84 100
56 238.8 109.9 164.9#
41 180.3 67.8 101.6#

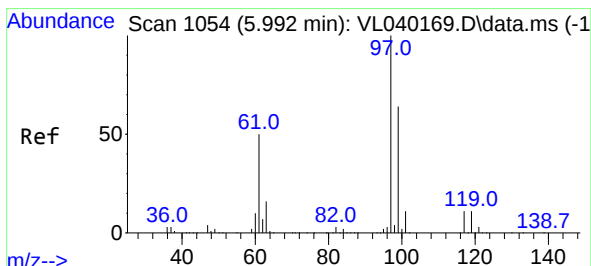
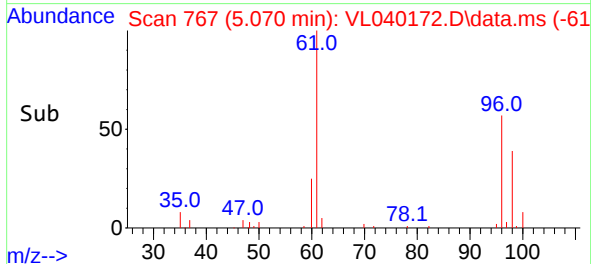
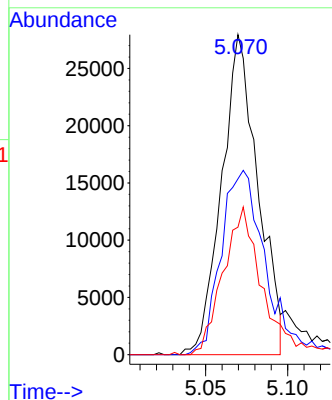
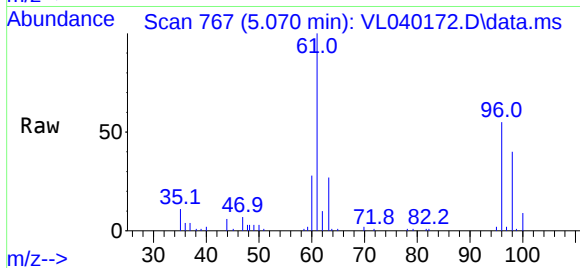




#31
 cis-1,2-Dichloroethene
 Concen: 0.484 ppbv
 RT: 5.070 min Scan# 767
 Delta R.T. 0.003 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

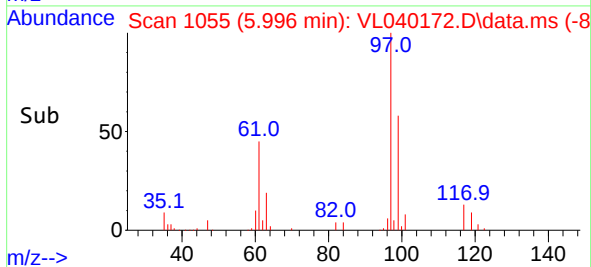
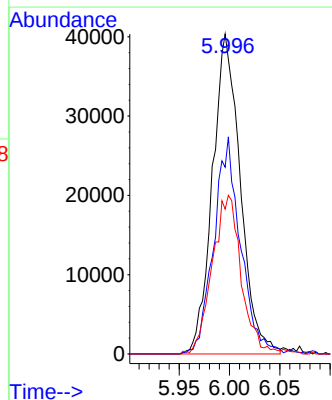
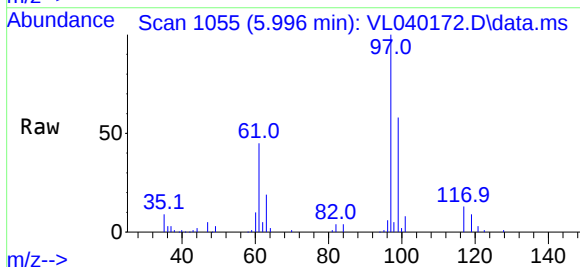
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

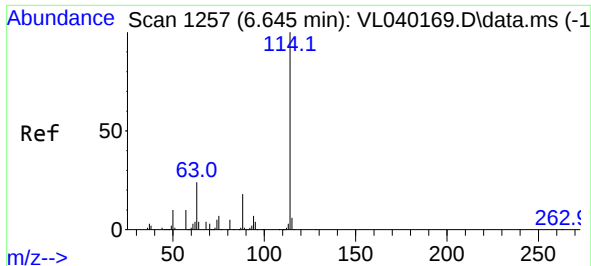
Tgt Ion: 61 Resp: 42988
 Ion Ratio Lower Upper
 61 100
 96 54.9 53.7 80.5
 98 39.8 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 0.515 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.003 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

Tgt Ion: 97 Resp: 77698
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.5 77.3
 61 51.9 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

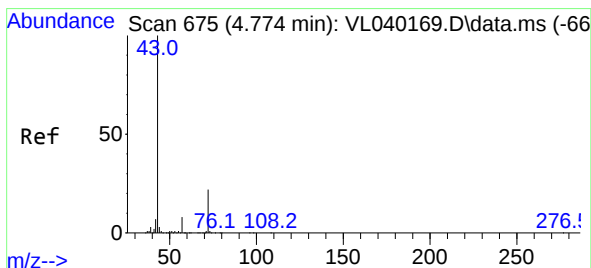
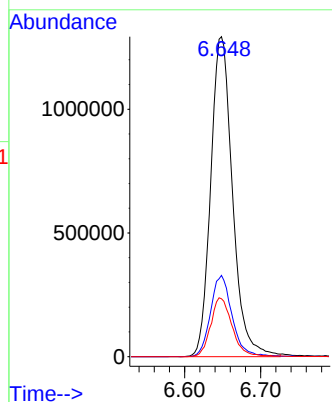
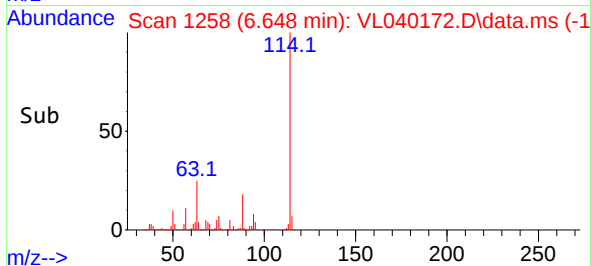
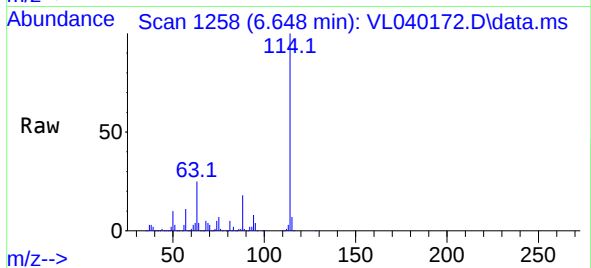
Tgt Ion:114 Resp: 2578544

Ion Ratio Lower Upper

114 100

63 25.3 20.4 30.6

88 18.3 14.3 21.5



#34

2-Butanone

Concen: 0.450 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.013 min

Lab File: VL040172.D

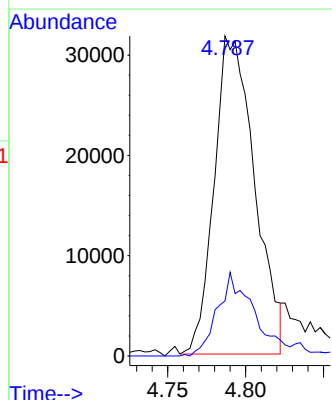
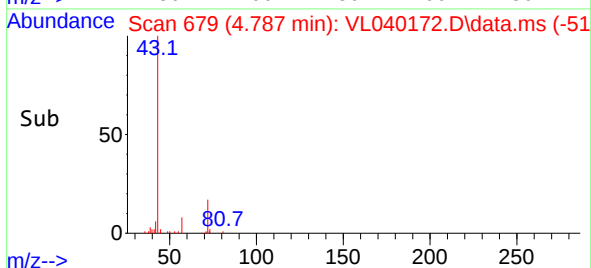
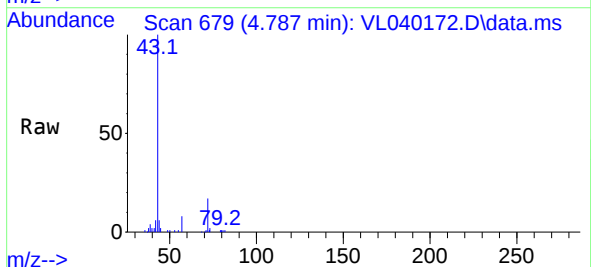
Acq: 15 Feb 2023 12:23

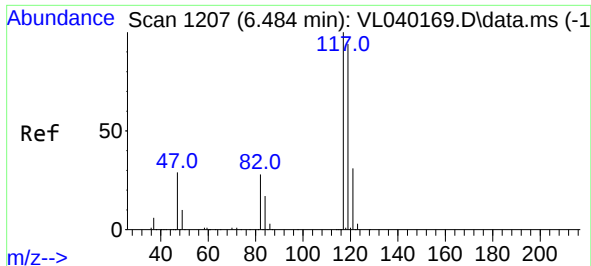
Tgt Ion: 43 Resp: 57180

Ion Ratio Lower Upper

43 100

72 25.7 17.8 26.8

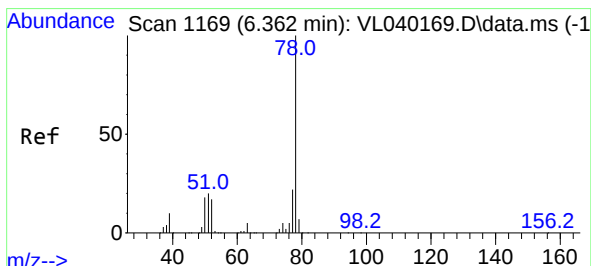
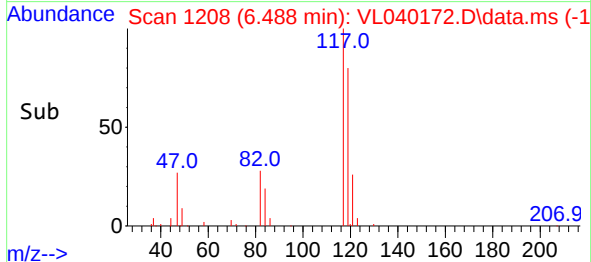
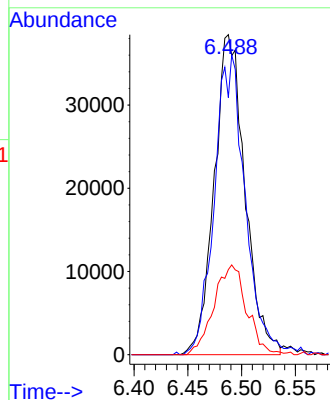
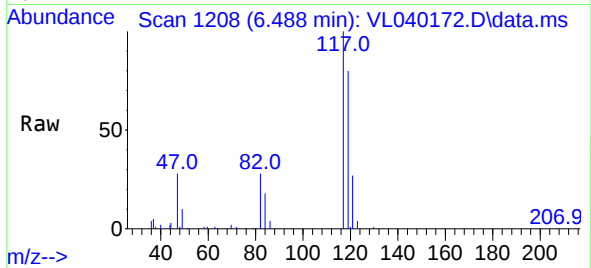




#35
Carbon Tetrachloride
Concen: 0.501 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

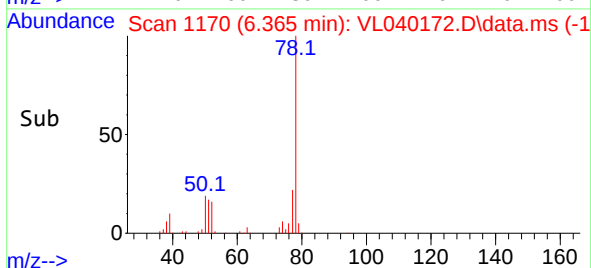
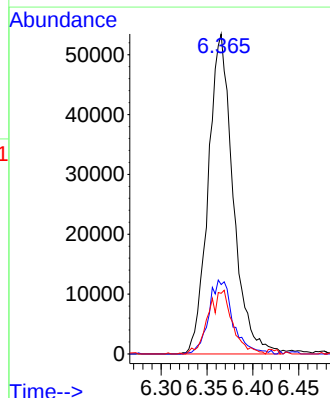
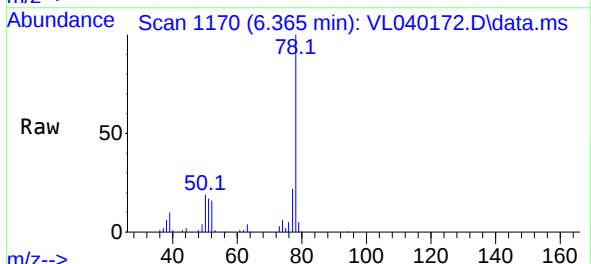
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

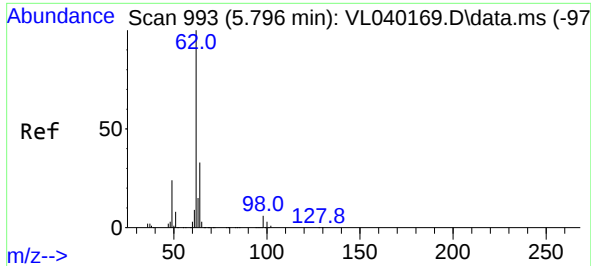
Tgt Ion:117 Resp: 76338
Ion Ratio Lower Upper
117 100
119 80.3 75.0 112.6
121 26.6 25.0 37.4



#36
Benzene
Concen: 0.503 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 78 Resp: 100994
Ion Ratio Lower Upper
78 100
77 21.7 17.5 26.3
50 18.9 14.6 22.0

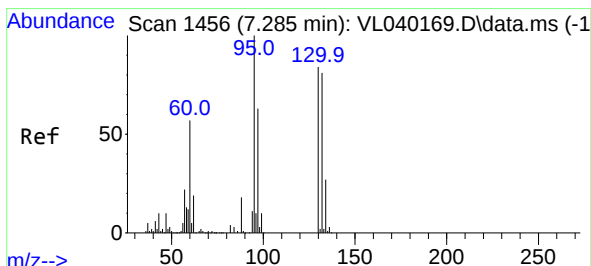
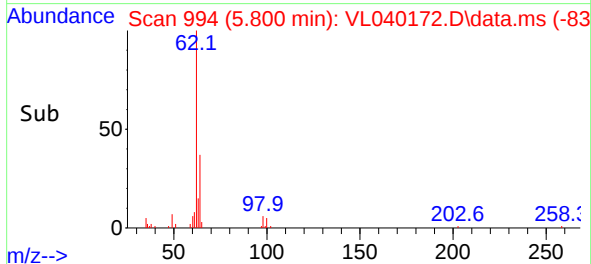
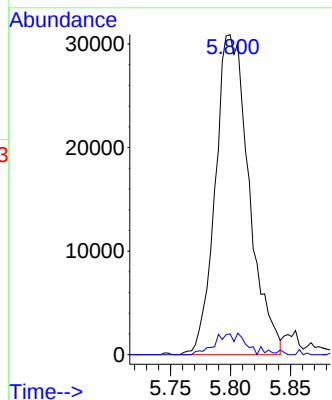
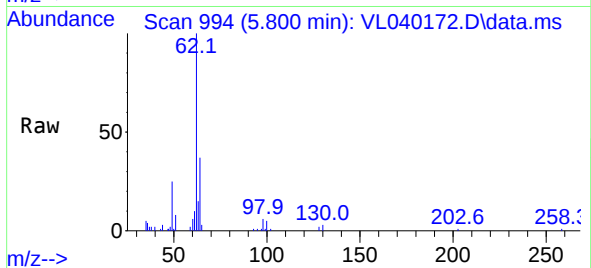




#37
1,2-Dichloroethane
Concen: 0.480 ppbv
RT: 5.800 min Scan# 994
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

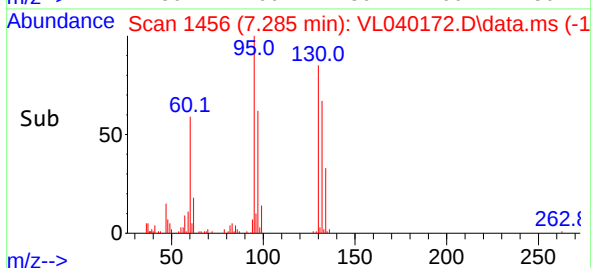
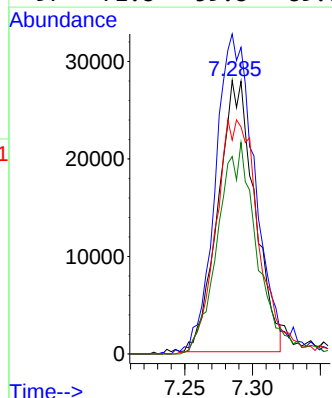
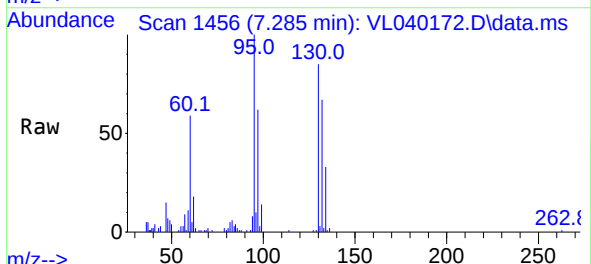
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

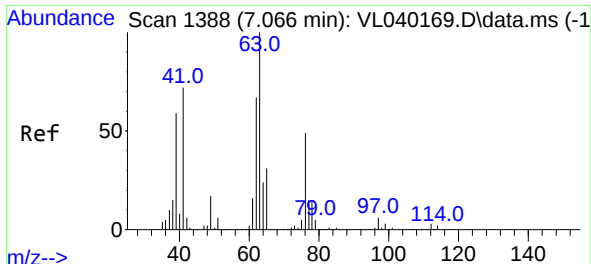
Tgt Ion: 62 Resp: 60225
Ion Ratio Lower Upper
62 100
98 6.6 4.7 7.1



#38
Trichloroethene
Concen: 0.474 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:130 Resp: 52375
Ion Ratio Lower Upper
130 100
95 117.1 94.7 142.1
132 78.2 76.4 114.6
97 72.8 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.459 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

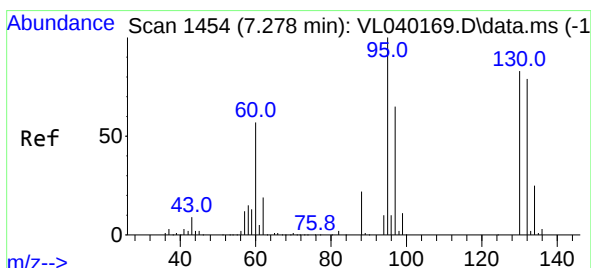
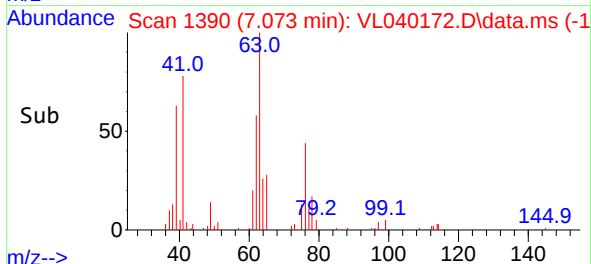
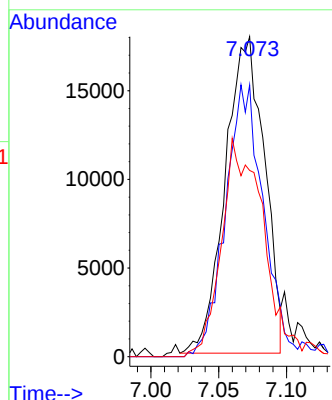
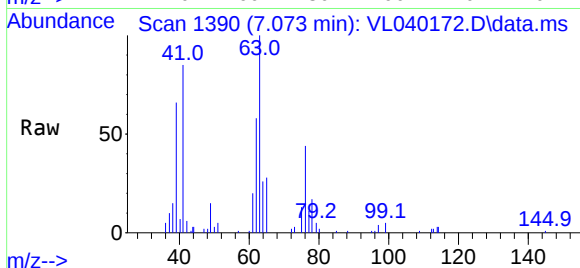
Tgt Ion: 63 Resp: 35797

Ion Ratio Lower Upper

63 100

41 85.9 57.6 86.4

62 58.9 54.0 81.0



#40

1,4-Dioxane

Concen: 0.162 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.029 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Tgt Ion: 88 Resp: 5051

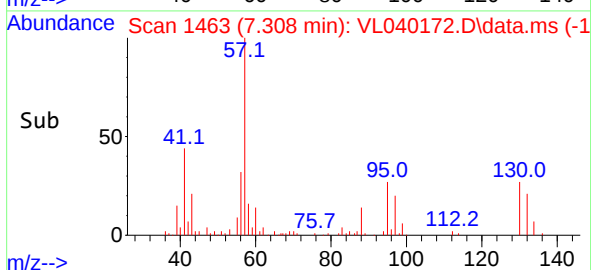
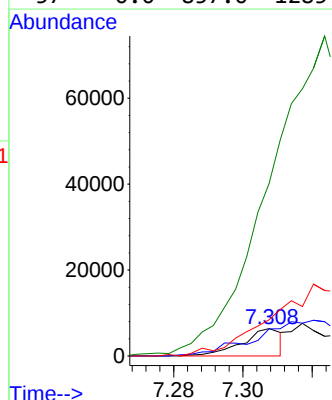
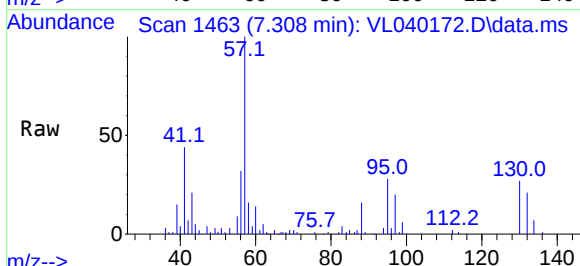
Ion Ratio Lower Upper

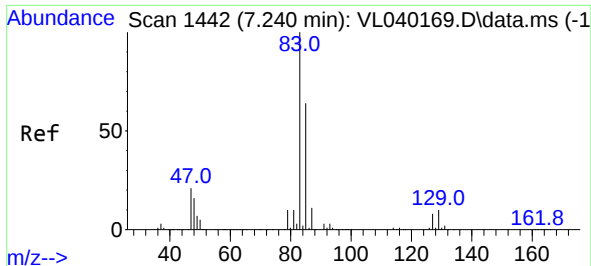
88 100

58 0.0 97.4 146.0#

43 0.0 193.5 290.3#

57 0.0 857.0 1285.6#

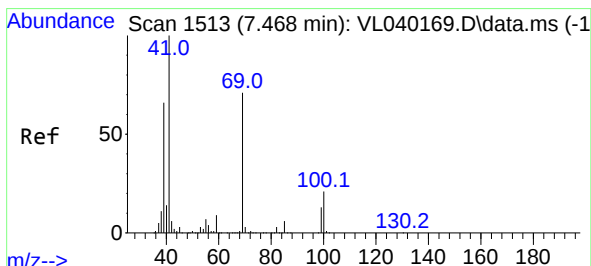
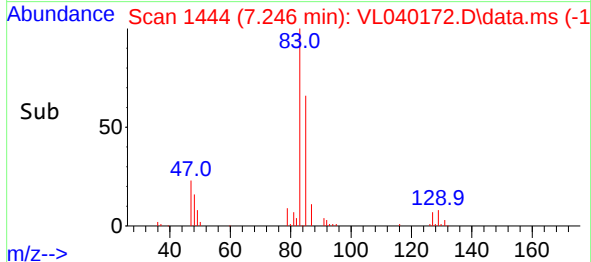
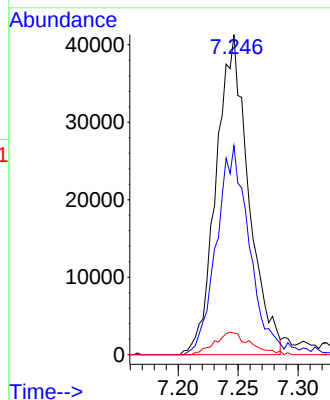
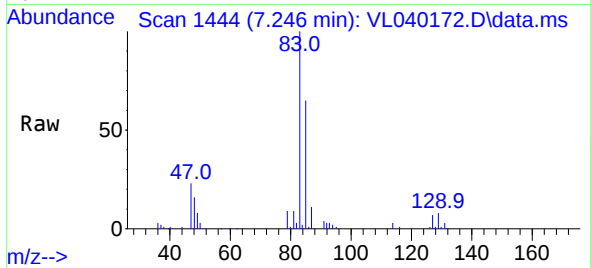




#42
Bromodichloromethane
Concen: 0.449 ppbv
RT: 7.246 min Scan# 1442
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

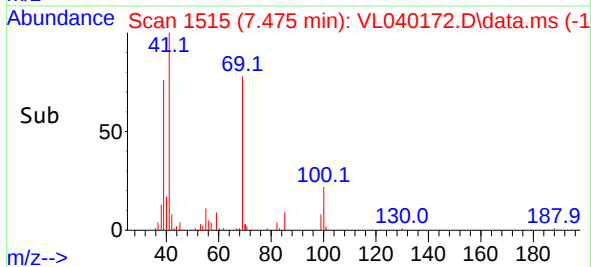
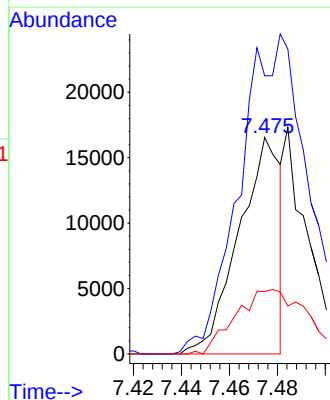
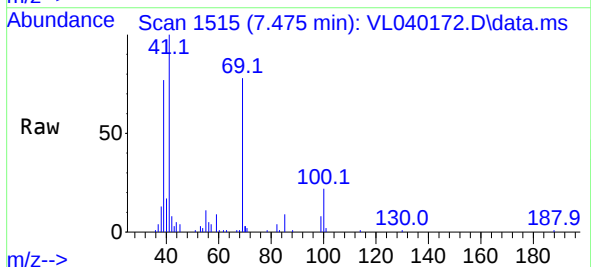
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

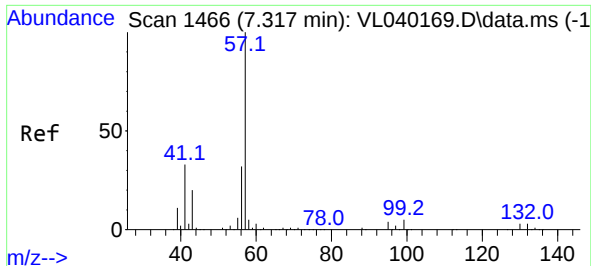
Tgt Ion: 83 Resp: 77833
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 6.7 6.2 9.2



#43
Methyl Methacrylate
Concen: 0.267 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 69 Resp: 19822
Ion Ratio Lower Upper
69 100
41 0.0 116.6 174.8#
100 0.0 25.6 38.4#





#44

2,2,4-Trimethylpentane

Concen: 0.477 ppbv

RT: 7.324 min Scan# 1466

Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

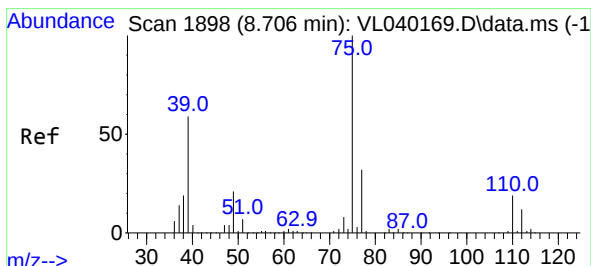
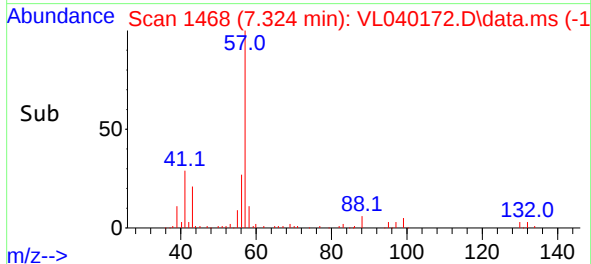
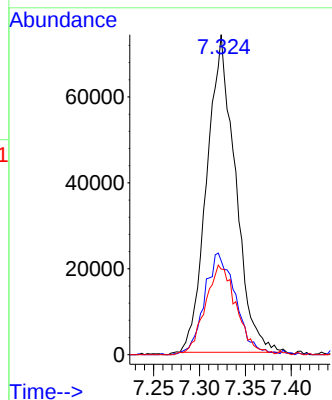
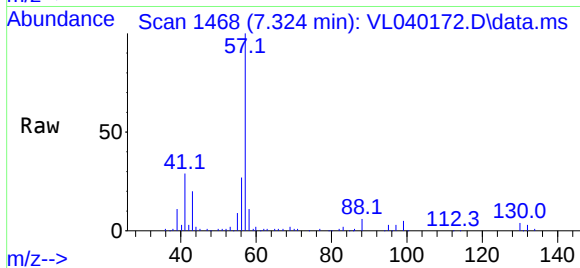
Tgt Ion: 57 Resp: 159922

Ion Ratio Lower Upper

57 100

41 35.5 26.2 39.4

56 31.3 24.9 37.3



#45

t-1,3-Dichloropropene

Concen: 0.341 ppbv

RT: 8.706 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VL040172.D

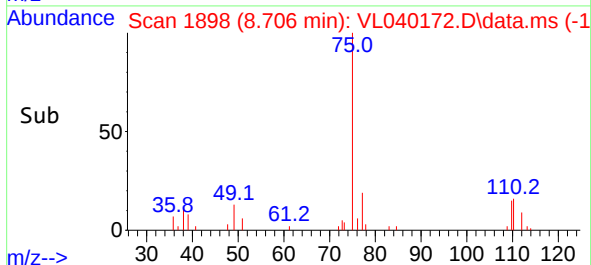
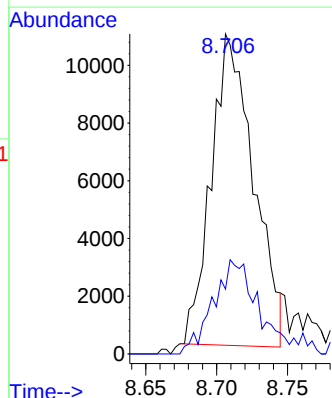
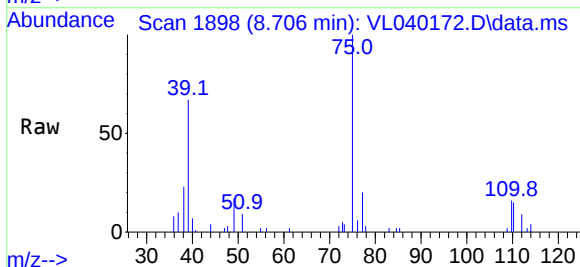
Acq: 15 Feb 2023 12:23

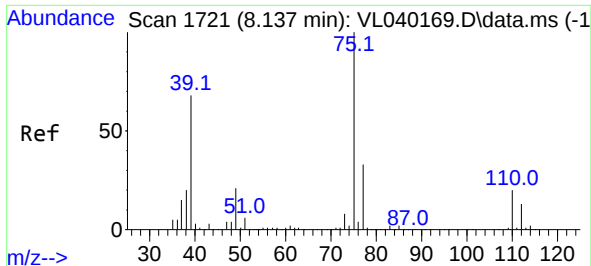
Tgt Ion: 75 Resp: 22488

Ion Ratio Lower Upper

75 100

77 20.2 25.7 38.5#

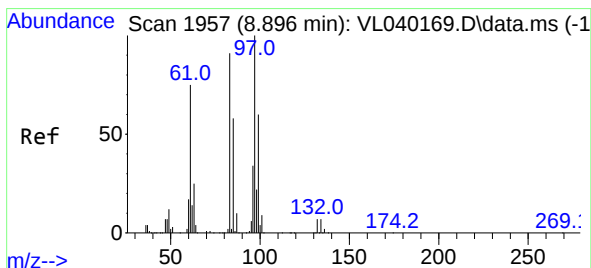
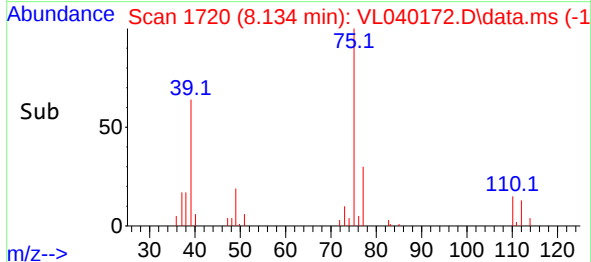
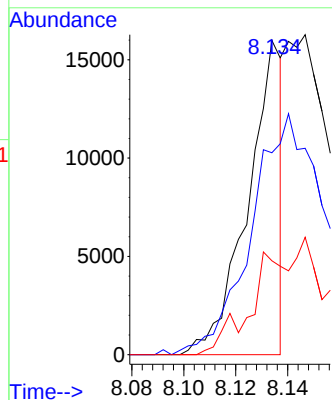
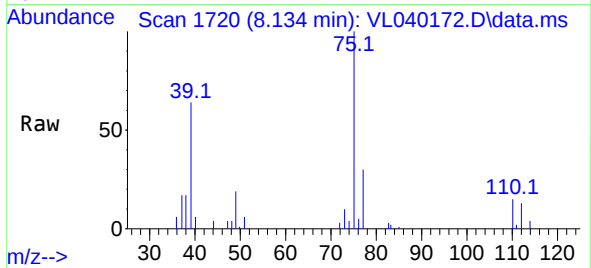




#46
cis-1,3-Dichloropropene
Concen: 0.160 ppbv
RT: 8.134 min Scan# 1721
Delta R.T. -0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

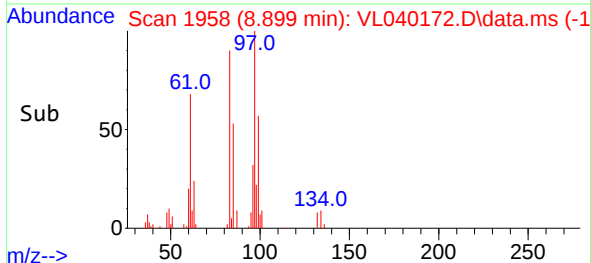
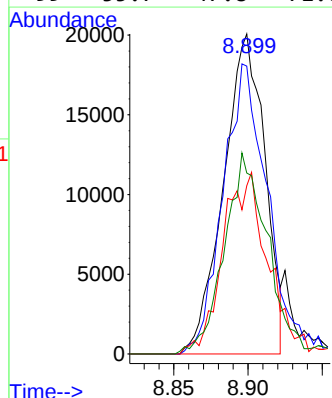
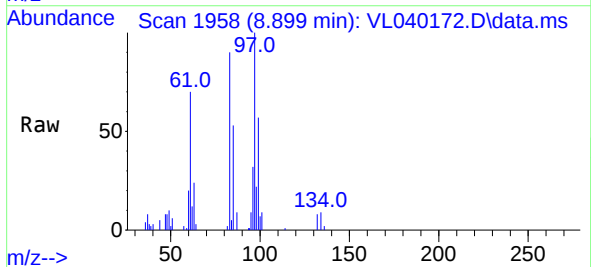
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

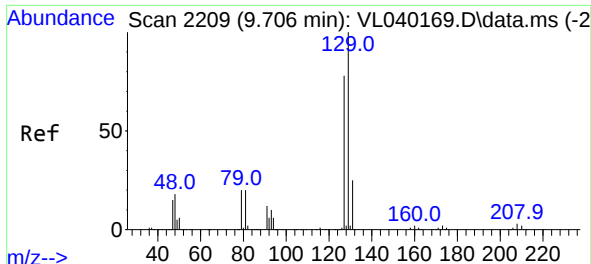
Tgt Ion: 75 Resp: 14727
Ion Ratio Lower Upper
75 100
39 62.8 54.2 81.2
77 29.9 26.0 39.0



#47
1,1,2-Trichloroethane
Concen: 0.460 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 97 Resp: 38862
Ion Ratio Lower Upper
97 100
83 90.0 72.8 109.2
85 52.6 46.6 69.8
99 55.7 47.8 71.6

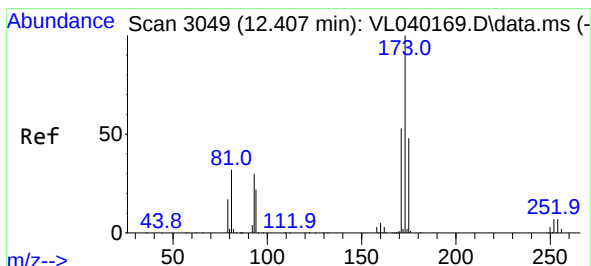
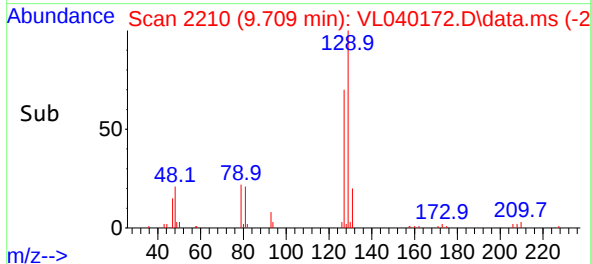
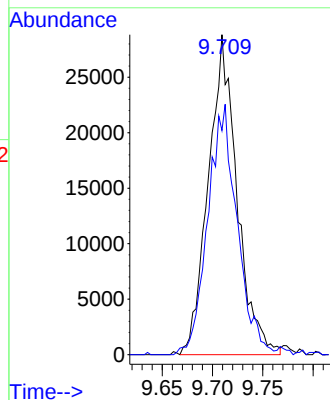
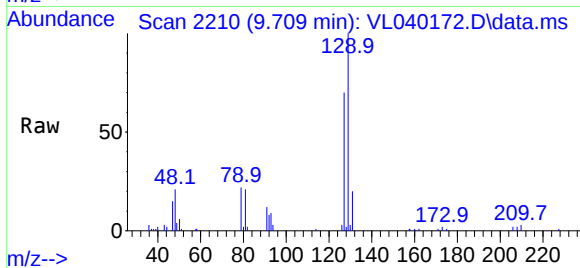




#48
Dibromochloromethane
Concen: 0.423 ppbv
RT: 9.709 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

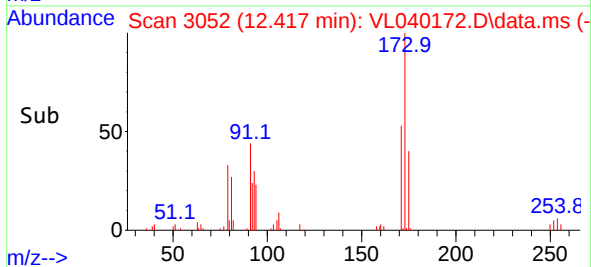
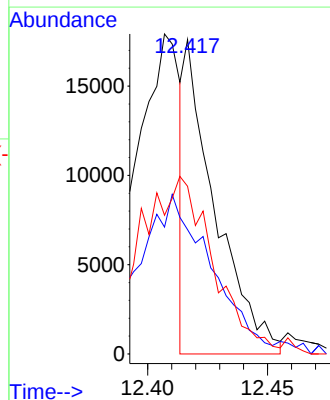
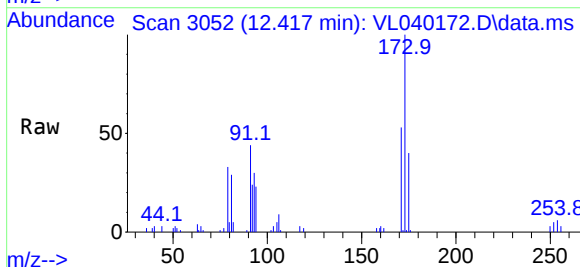
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

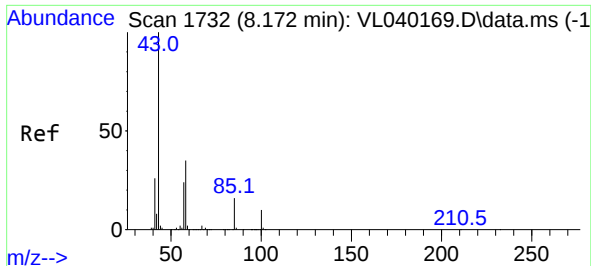
Tgt Ion:129 Resp: 57184
Ion Ratio Lower Upper
129 100
127 80.7 39.1 117.2



#49
Bromoform
Concen: 0.149 ppbv
RT: 12.417 min Scan# 3052
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:173 Resp: 15664
Ion Ratio Lower Upper
173 100
175 128.5 39.4 59.0#
171 143.8 41.8 62.6#





#50

4-Methyl-2-Pentanone

Concen: 0.471 ppbv

RT: 8.201 min Scan# 1

Delta R.T. 0.029 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

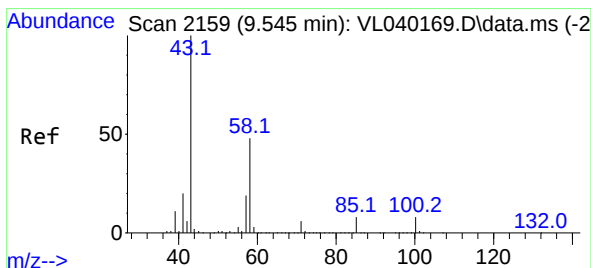
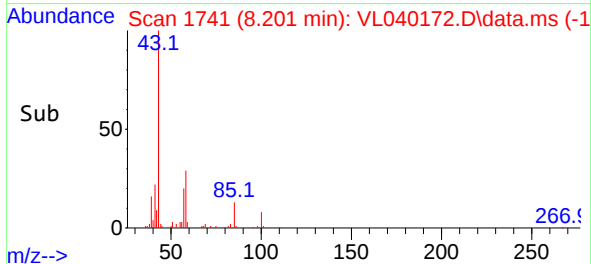
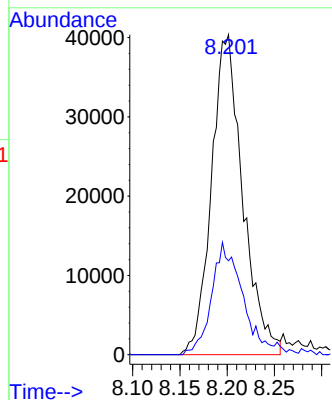
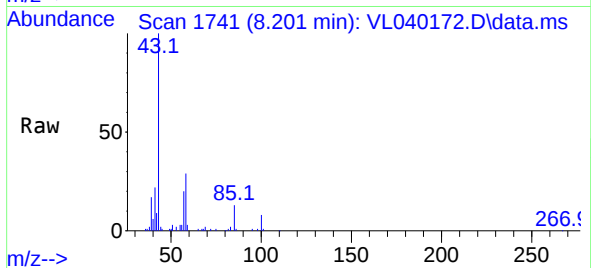
VSTDICC0.5

Tgt Ion: 43 Resp: 92970

Ion Ratio Lower Upper

43 100

58 35.9 29.2 43.8



#51

2-Hexanone

Concen: 0.393 ppbv

RT: 9.574 min Scan# 2168

Delta R.T. 0.029 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

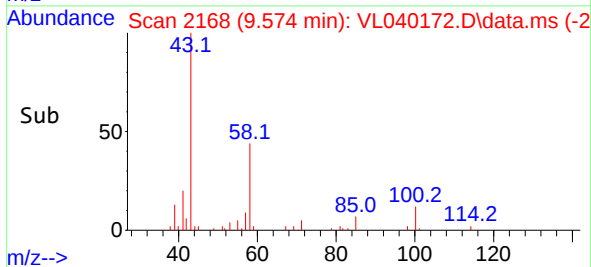
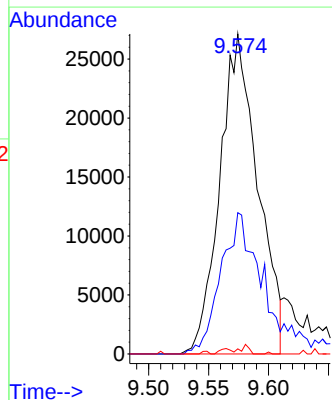
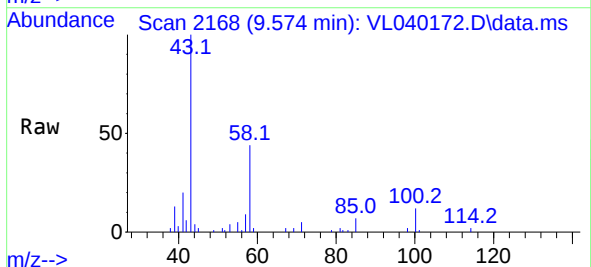
Tgt Ion: 43 Resp: 59731

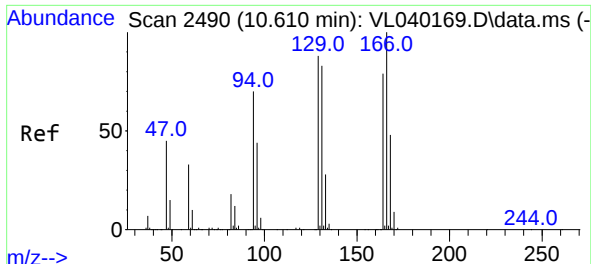
Ion Ratio Lower Upper

43 100

58 52.9 39.1 58.7

98 1.3 0.2 0.4#



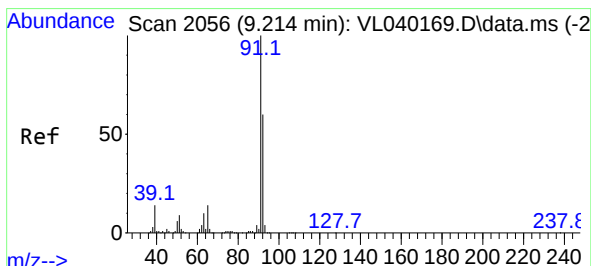
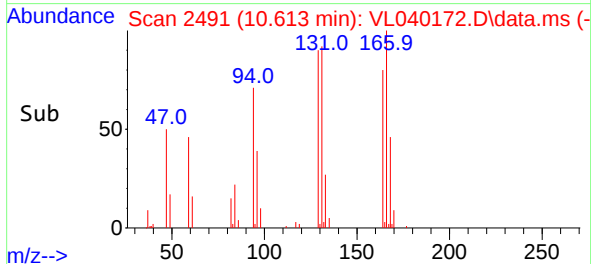
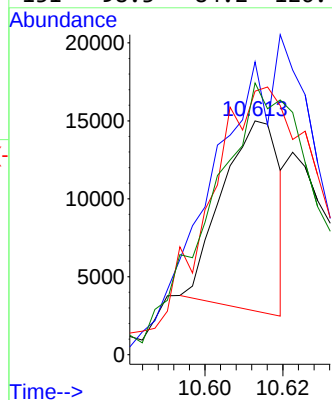
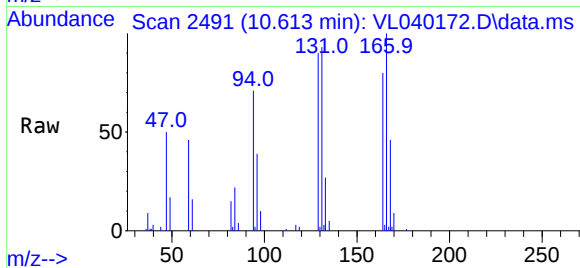


#52
Tetrachloroethene
Concen: 0.195 ppbv
RT: 10.613 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:164 Resp: 12232

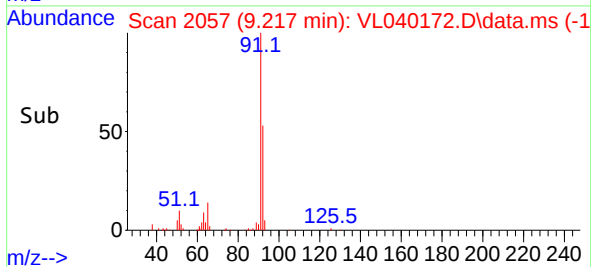
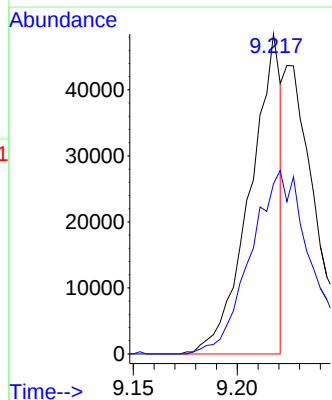
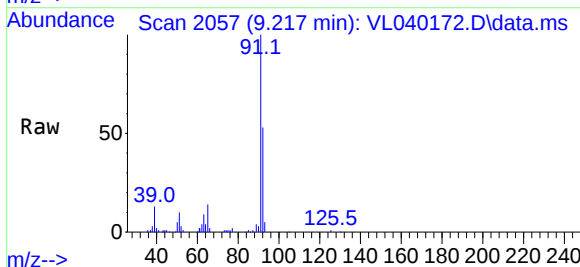
Ion	Ratio	Lower	Upper
164	100		
166	113.2	101.5	152.3
129	89.2	89.0	133.4
131	98.3	84.2	126.4

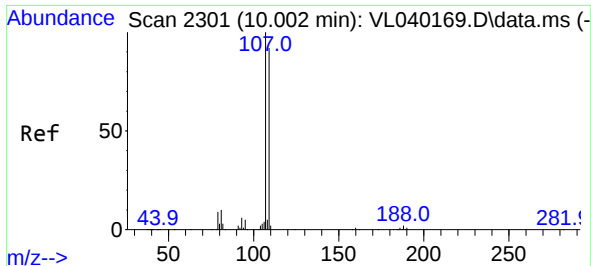


#53
Toluene
Concen: 0.234 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 91 Resp: 50301

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.9	73.3#

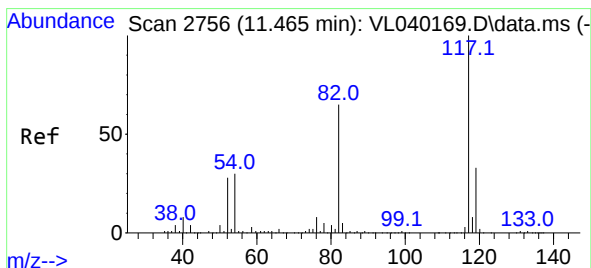
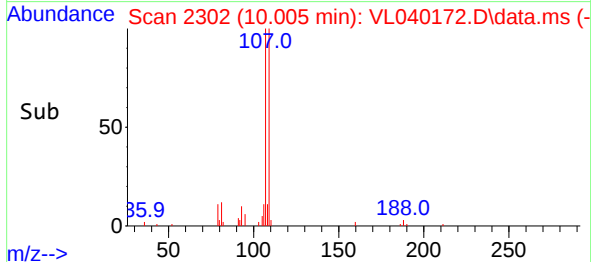
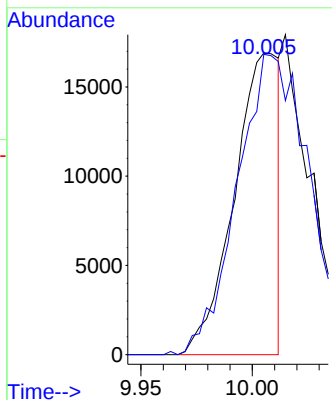
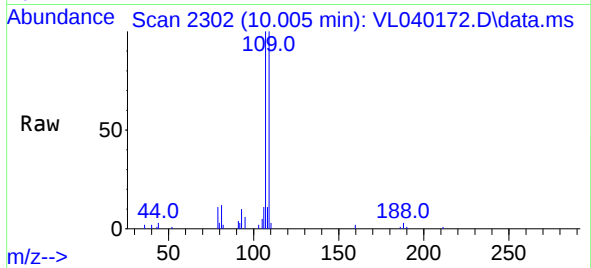




#54
1,2-Dibromoethane
Concen: 0.269 ppbv
RT: 10.005 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

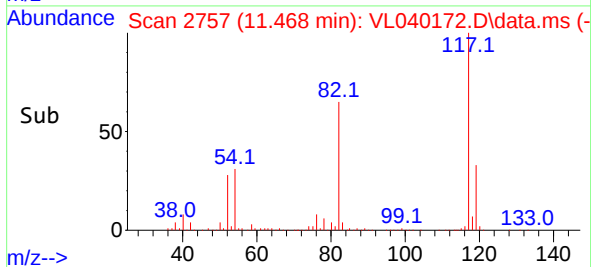
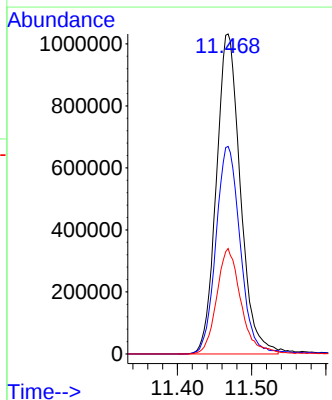
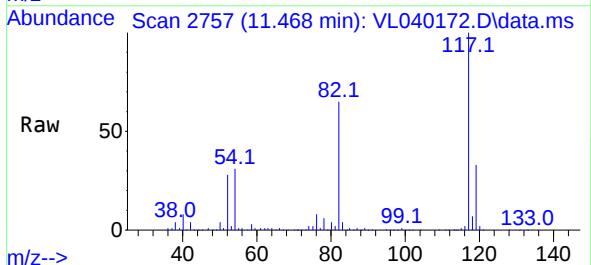
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

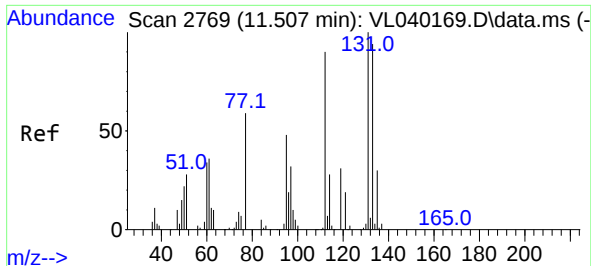
Tgt Ion:107 Resp: 23638
Ion Ratio Lower Upper
107 100
109 99.5 73.8 110.8



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:117 Resp: 2319012
Ion Ratio Lower Upper
117 100
82 66.6 53.3 79.9
119 33.4 24.6 37.0

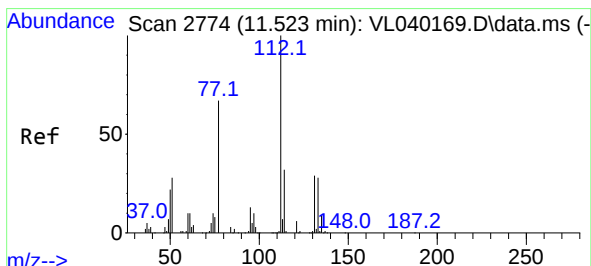
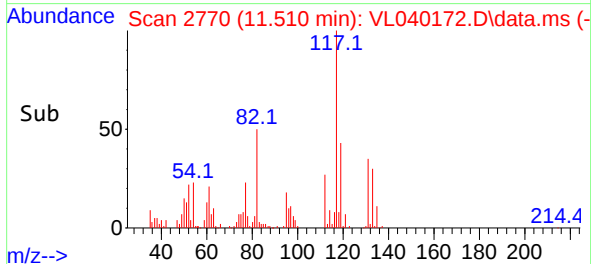
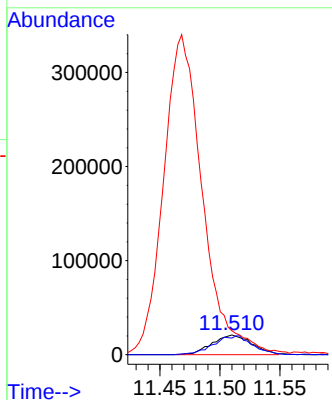
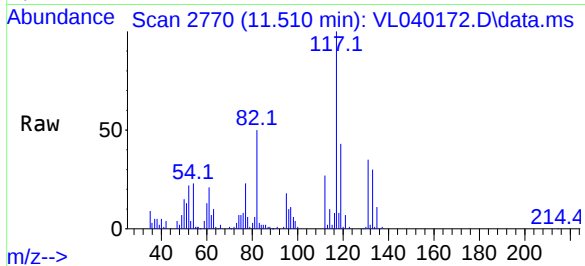




#56
1,1,1,2-Tetrachloroethane
Concen: 0.495 ppbv
RT: 11.510 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

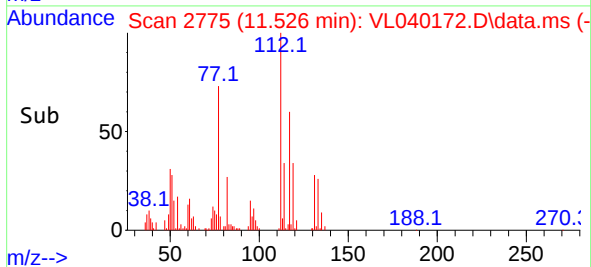
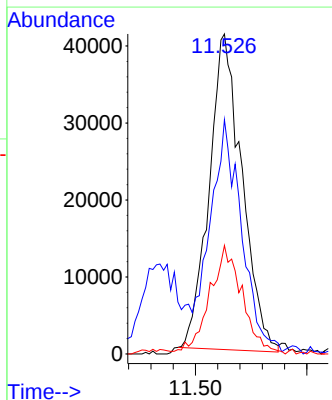
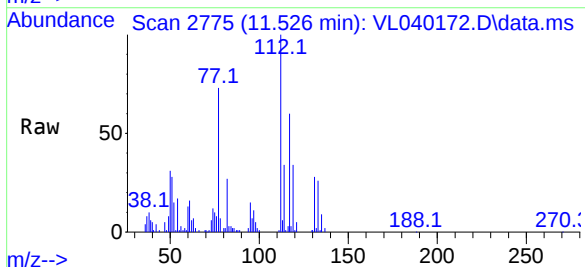
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

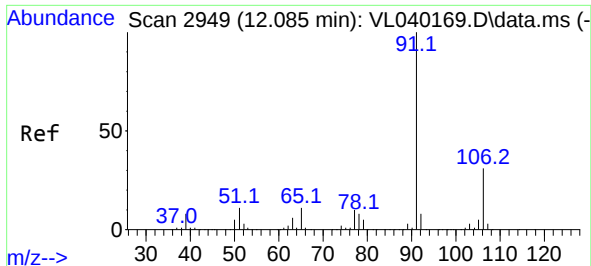
Tgt Ion:131 Resp: 48159
Ion Ratio Lower Upper
131 100
133 93.9 76.2 114.2
119 1608.0 45.4 68.0#



#57
Chlorobenzene
Concen: 0.495 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:112 Resp: 83944
Ion Ratio Lower Upper
112 100
77 71.3 55.0 82.4
114 33.6 29.0 35.4





#58

Ethyl Benzene

Concen: 0.458 ppbv

RT: 12.095 min Scan# 2949

Delta R.T. 0.010 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

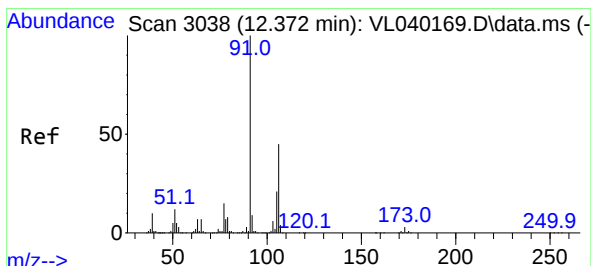
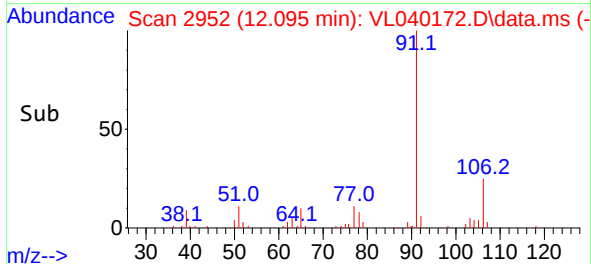
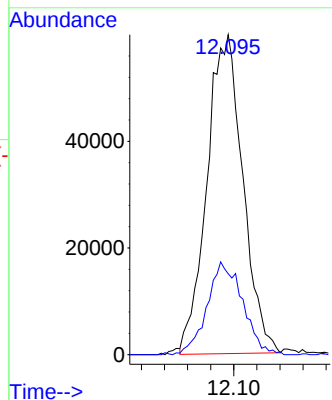
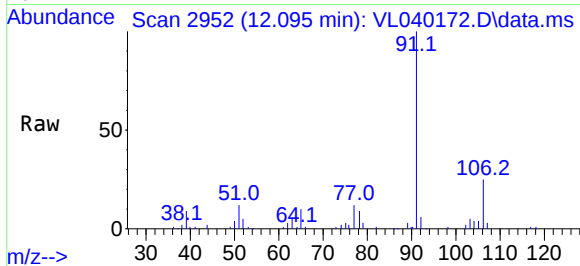
VSTDIC0.5

Tgt Ion: 91 Resp: 129129

Ion Ratio Lower Upper

91 100

106 24.9 24.9 37.3



#59

m/p-Xylene

Concen: 0.437 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL040172.D

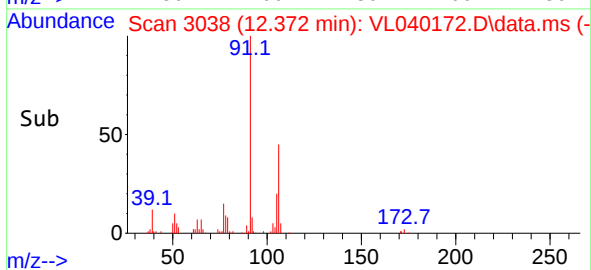
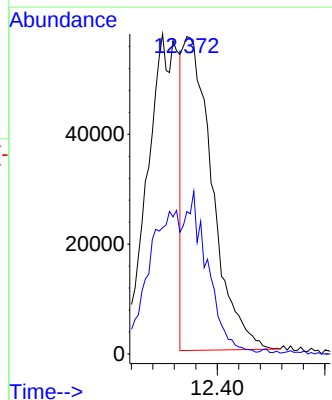
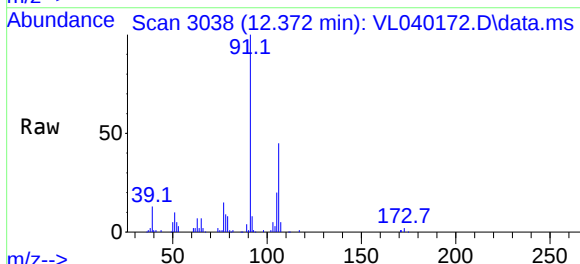
Acq: 15 Feb 2023 12:23

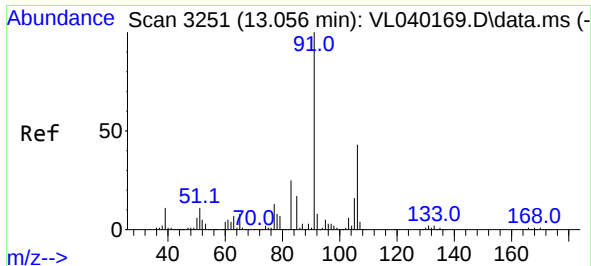
Tgt Ion: 91 Resp: 109025

Ion Ratio Lower Upper

91 100

106 91.0 34.6 51.8#

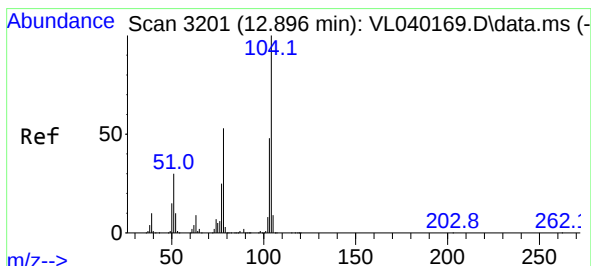
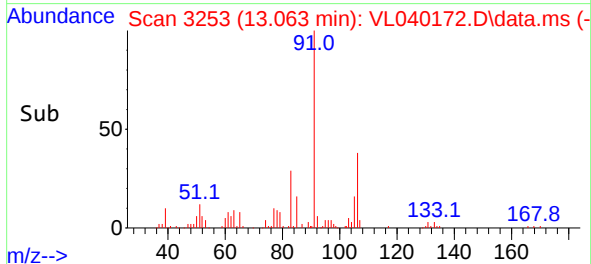
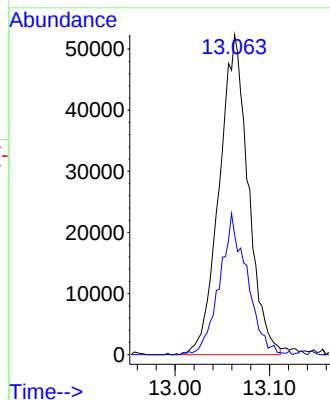
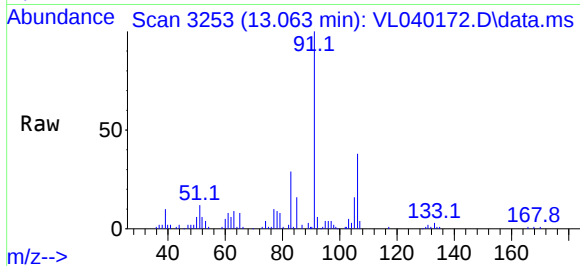




#60
o-Xylene
Concen: 0.464 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

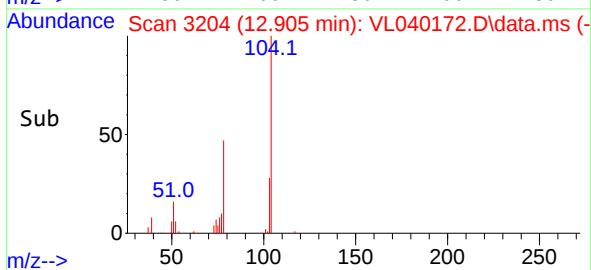
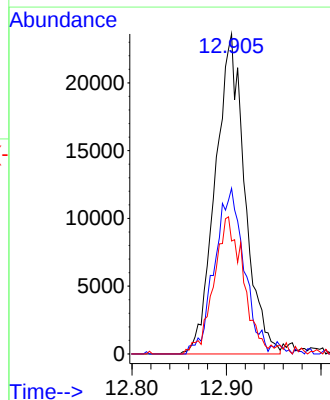
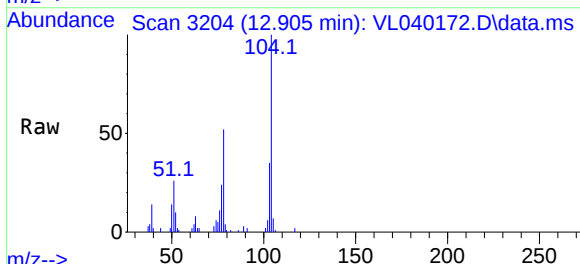
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

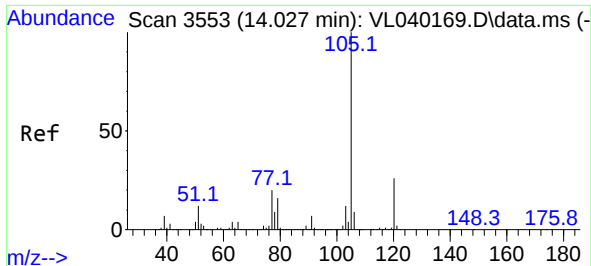
Tgt Ion: 91 Resp: 111477
Ion Ratio Lower Upper
91 100
106 42.5 21.6 65.0



#61
Styrene
Concen: 0.404 ppbv
RT: 12.905 min Scan# 3204
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 104 Resp: 50965
Ion Ratio Lower Upper
104 100
78 53.1 42.3 63.5
103 44.2 37.5 56.3

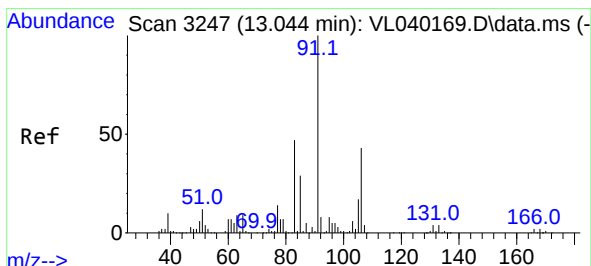
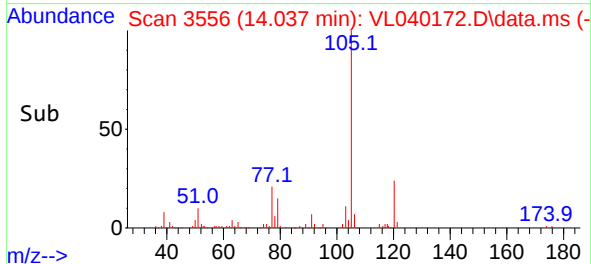
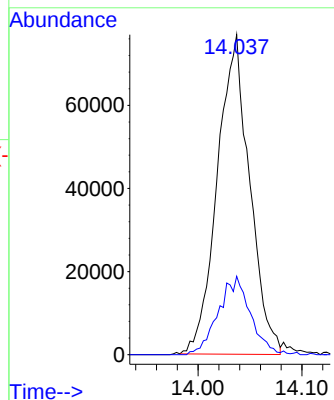
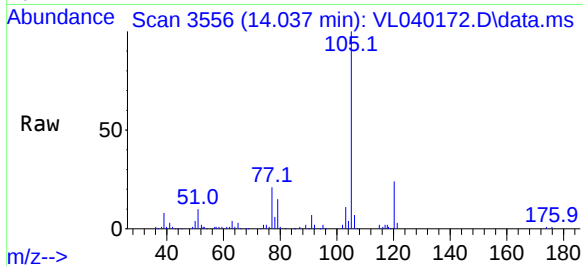




#62
Isopropylbenzene
Concen: 0.482 ppbv
RT: 14.037 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

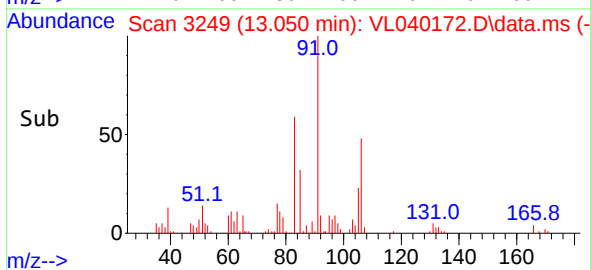
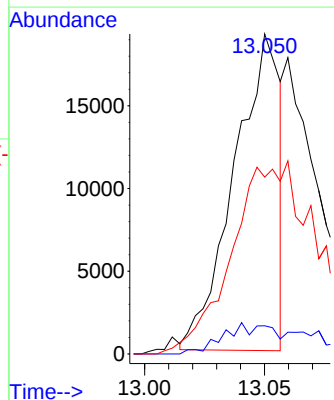
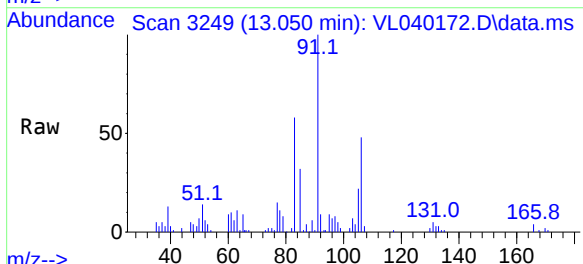
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

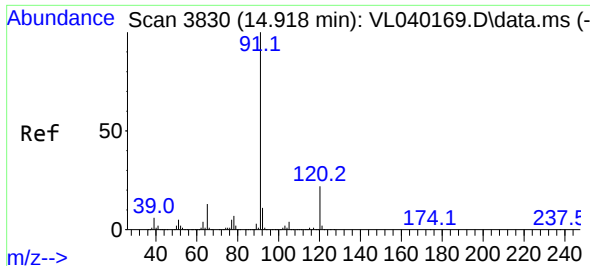
Tgt Ion:105 Resp: 166066
Ion Ratio Lower Upper
105 100
120 24.5 20.3 30.5



#63
1,1,2,2-Tetrachloroethane
Concen: 0.292 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 83 Resp: 25258
Ion Ratio Lower Upper
83 100
131 16.9 4.4 13.2#
85 0.0 33.0 99.0#

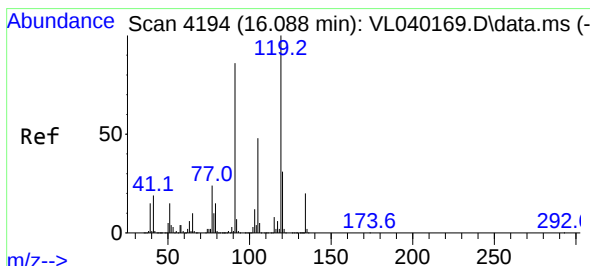
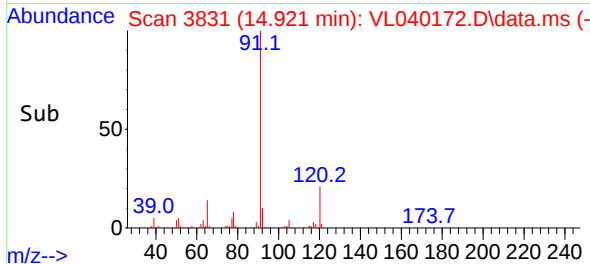
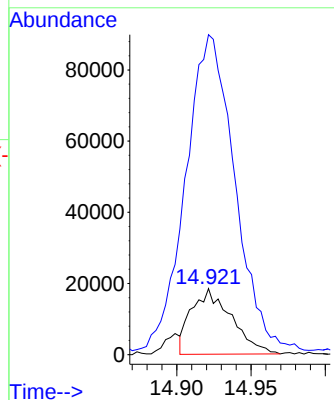
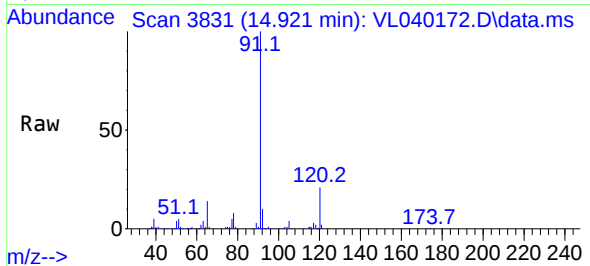




#64
n-propylbenzene
Concen: 0.401 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

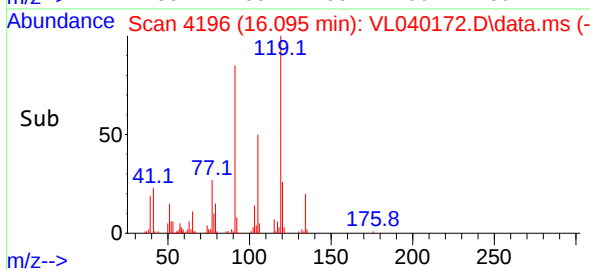
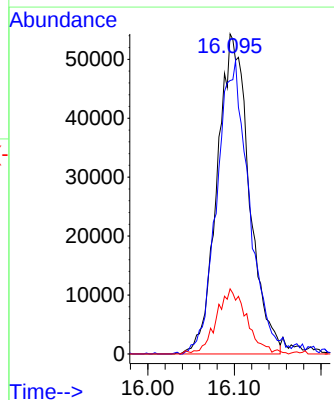
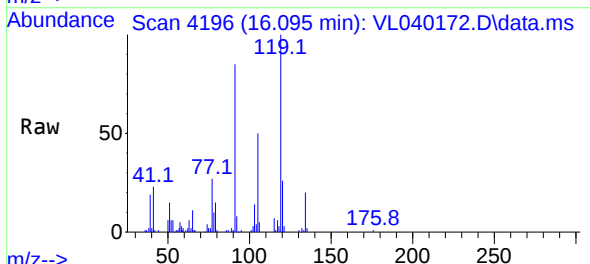
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

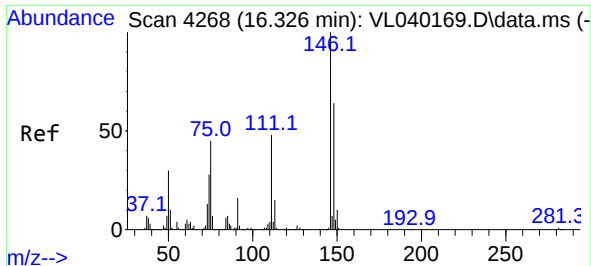
Tgt Ion:120 Resp: 34250
Ion Ratio Lower Upper
120 100
91 629.6 389.8 584.8#



#65
tert-Butylbenzene
Concen: 0.466 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:119 Resp: 139638
Ion Ratio Lower Upper
119 100
91 94.6 68.6 102.8
134 19.4 15.9 23.9

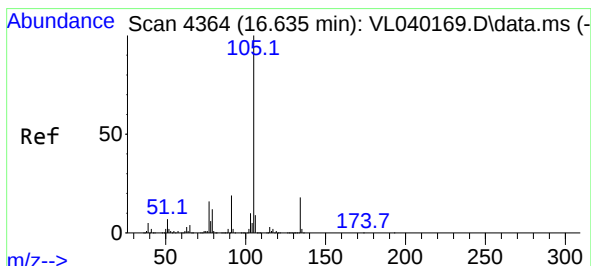
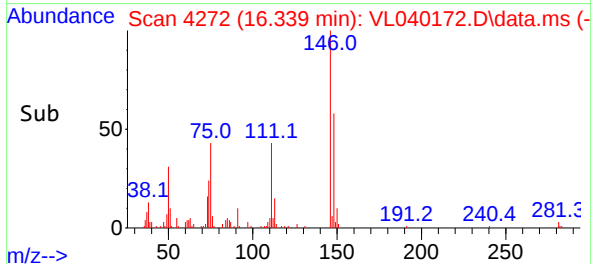
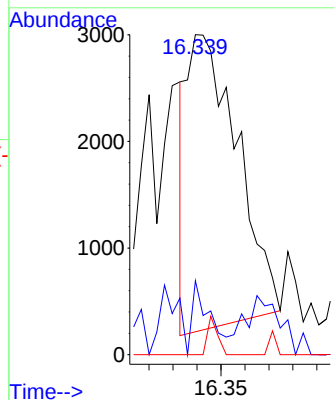
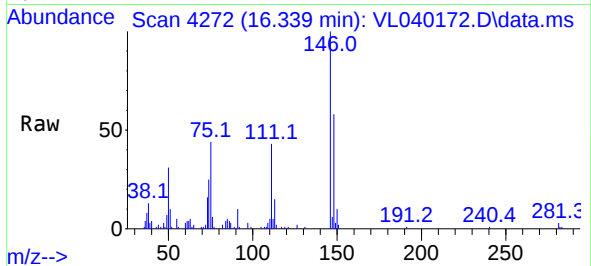




#66
Benzyl Chloride
Concen: 0.202 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

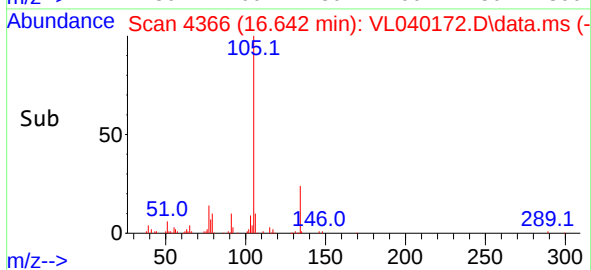
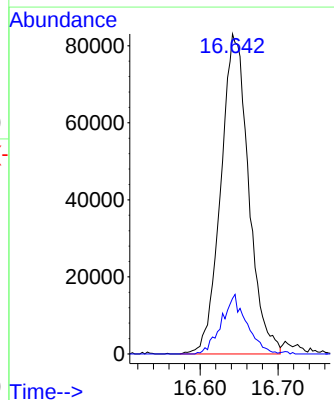
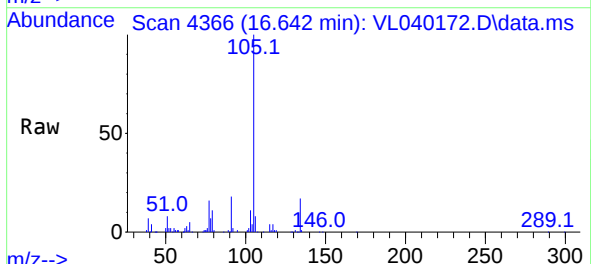
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

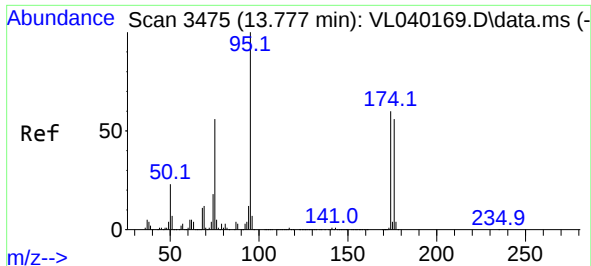
Tgt Ion: 91 Resp: 4023
Ion Ratio Lower Upper
91 100
126 21.5 13.1 19.7#
128 0.0 4.1 6.1#



#67
sec-Butylbenzene
Concen: 0.481 ppbv
RT: 16.642 min Scan# 4366
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 105 Resp: 206465
Ion Ratio Lower Upper
105 100
134 17.0 14.1 21.1

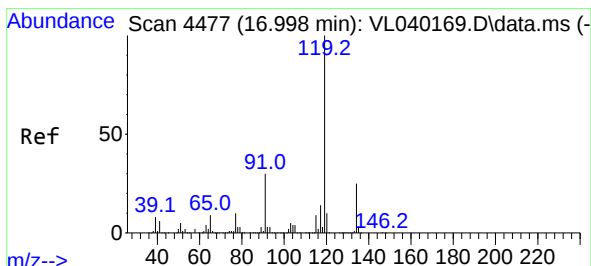
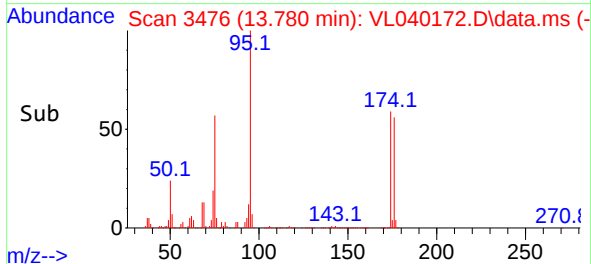
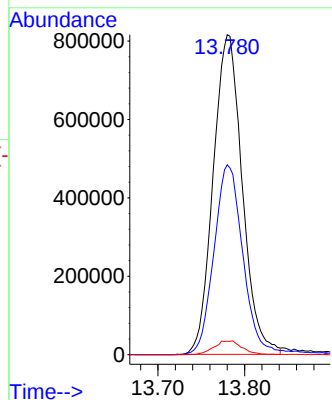
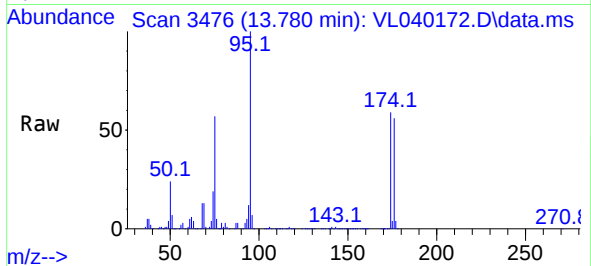




#68
1-Bromo-4-Fluorobenzene
Concen: 9.974 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

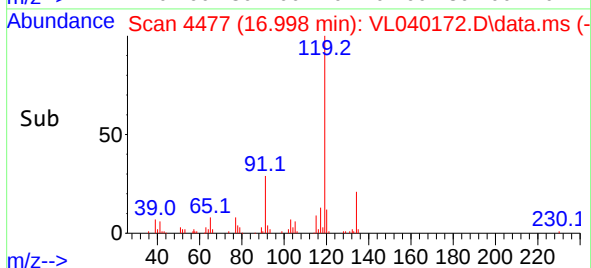
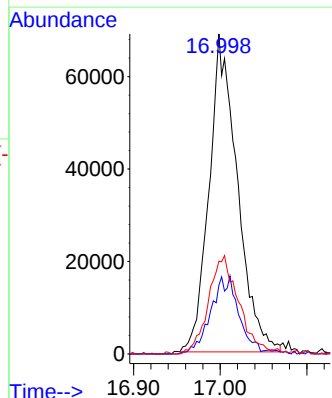
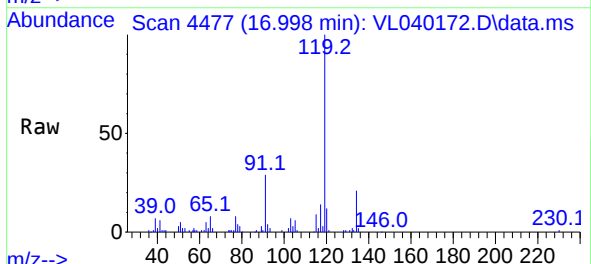
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

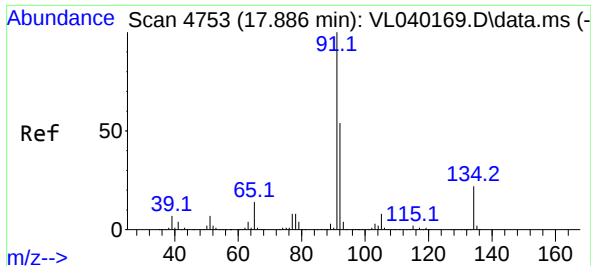
Tgt Ion: 95 Resp: 1902007
Ion Ratio Lower Upper
95 100
174 60.6 48.2 72.2
175 4.3 3.4 5.2



#69
p-Isopropyltoluene
Concen: 0.458 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 119 Resp: 156084
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.2
91 33.6 24.7 37.1

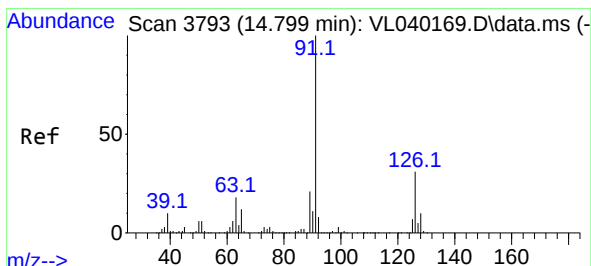
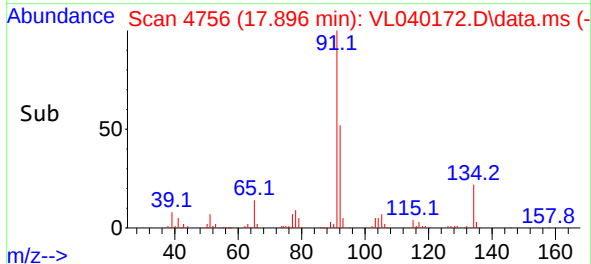
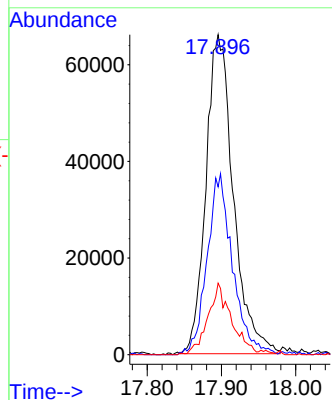
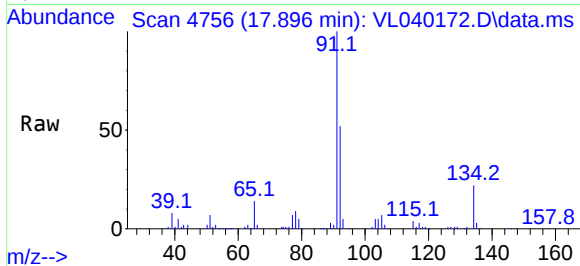




#70
n-Butylbenzene
Concen: 0.459 ppbv
RT: 17.896 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

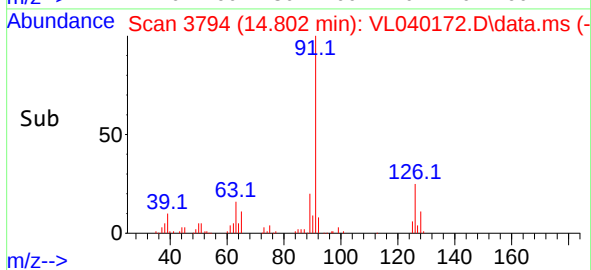
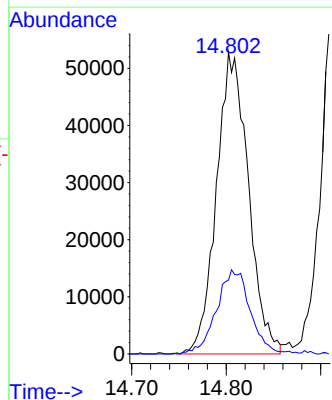
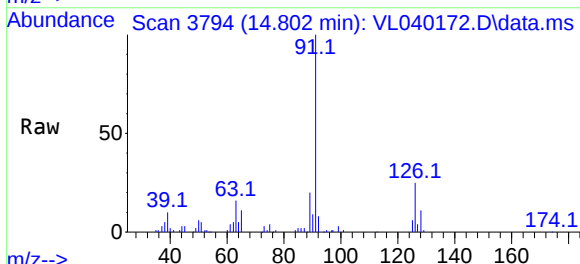
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

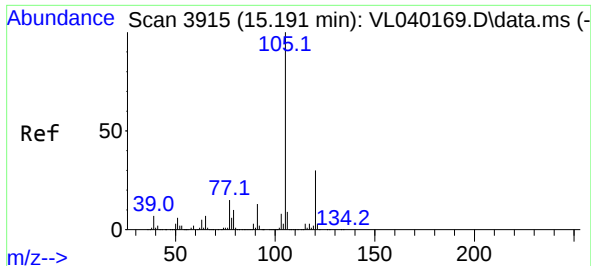
Tgt Ion: 91 Resp: 169685
Ion Ratio Lower Upper
91 100
92 53.5 43.0 64.6
134 20.0 16.9 25.3



#71
2-Chlorotoluene
Concen: 0.470 ppbv
RT: 14.802 min Scan# 3794
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 91 Resp: 123826
Ion Ratio Lower Upper
91 100
126 29.7 12.0 48.2

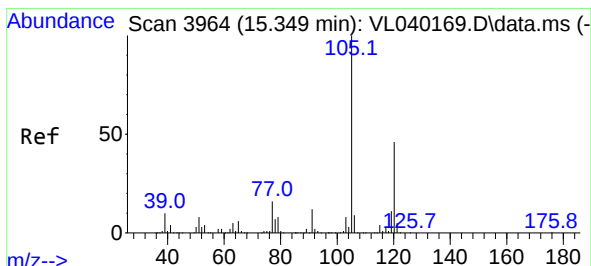
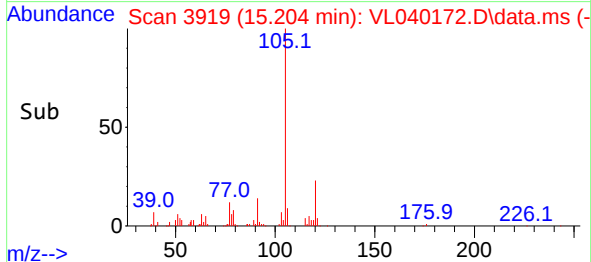
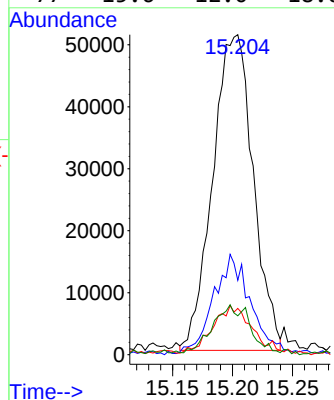
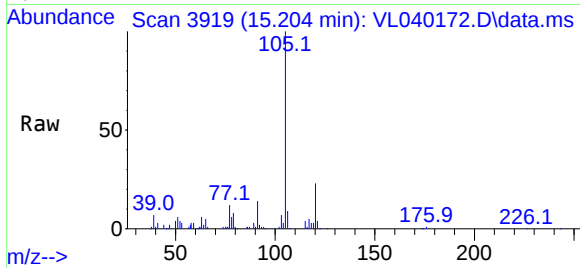




#72
4-Ethyltoluene
Concen: 0.451 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

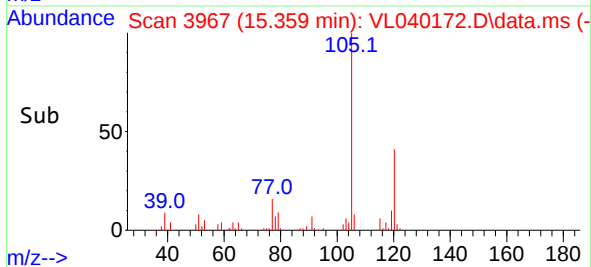
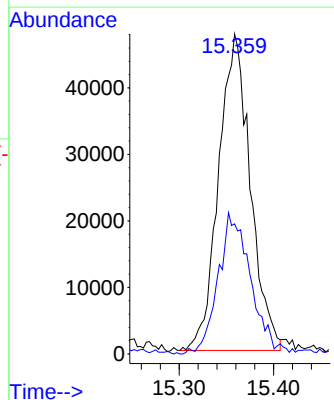
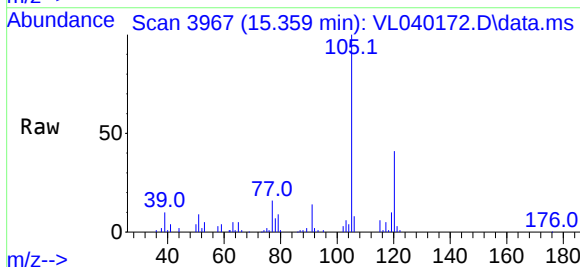
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

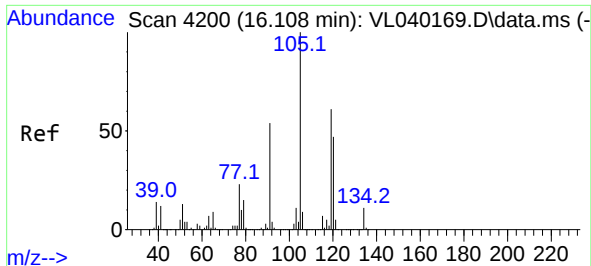
Tgt Ion:105 Resp: 119656
Ion Ratio Lower Upper
105 100
120 30.7 23.2 34.8
91 17.1 11.3 16.9#
77 15.6 12.0 18.0



#73
1,3,5-Trimethylbenzene
Concen: 0.448 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:105 Resp: 110754
Ion Ratio Lower Upper
105 100
120 41.1 36.8 55.2



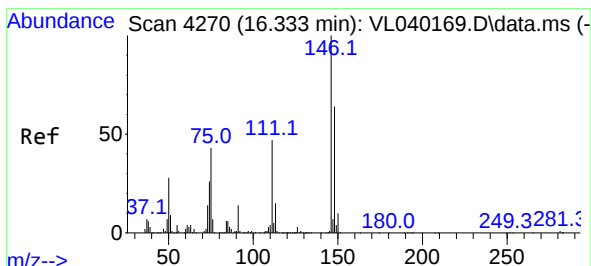
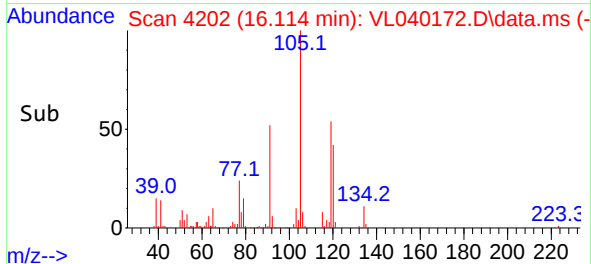
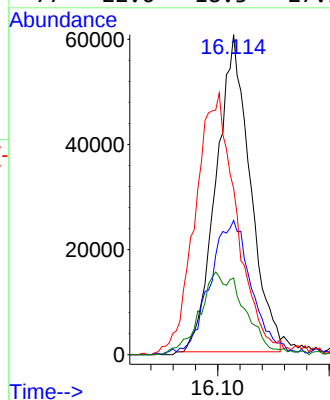
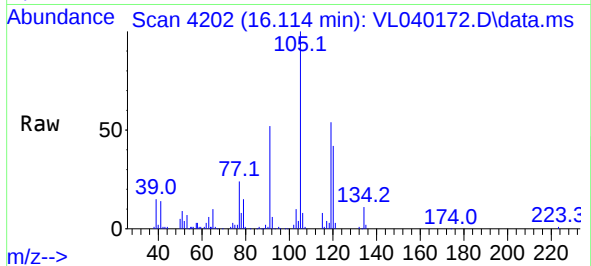


#74
1,2,4-Trimethylbenzene
Concen: 0.470 ppbv
RT: 16.114 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 127634

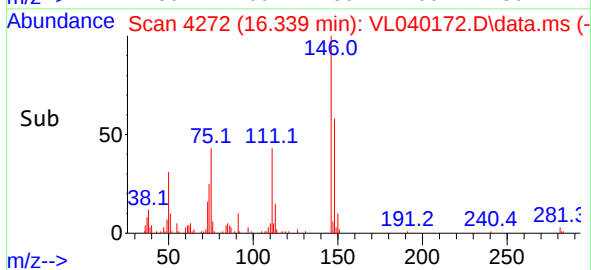
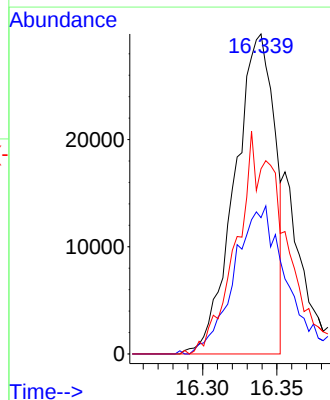
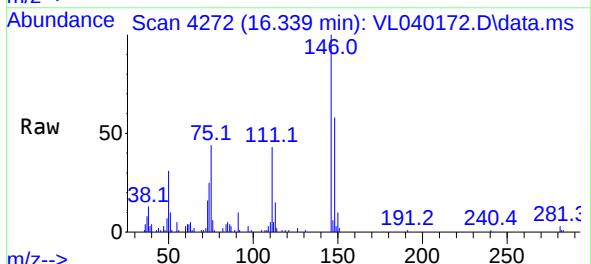
Ion	Ratio	Lower	Upper
105	100		
120	40.3	37.9	56.9
91	47.8	43.7	65.5
77	22.6	18.3	27.5

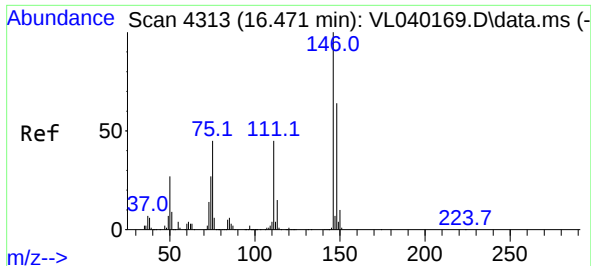


#75
1,3-Dichlorobenzene
Concen: 0.377 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:146 Resp: 56016

Ion	Ratio	Lower	Upper
146	100		
111	62.6	23.9	71.8
148	85.1	32.1	96.5

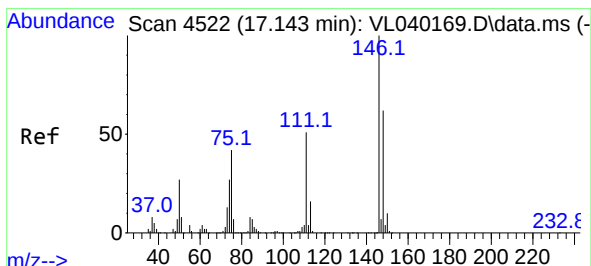
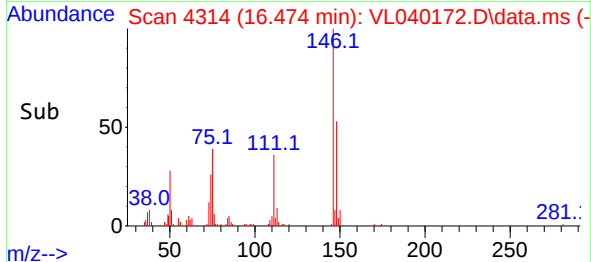
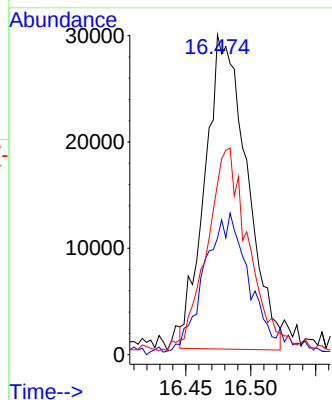
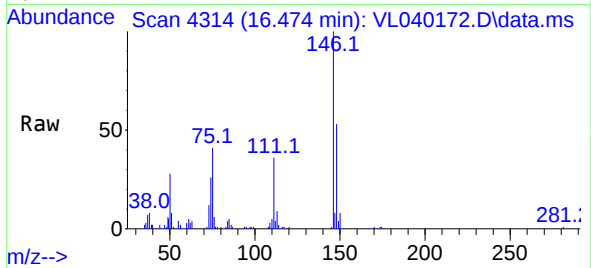




#76
1,4-Dichlorobenzene
Concen: 0.455 ppbv
RT: 16.474 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

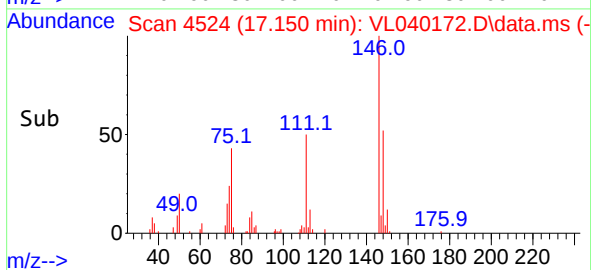
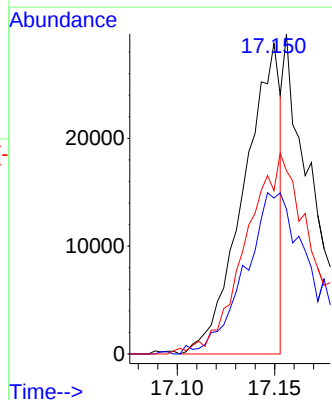
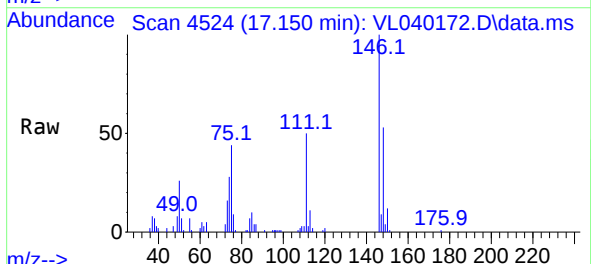
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

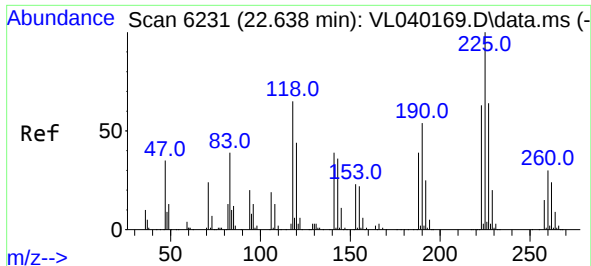
Tgt Ion:146 Resp: 66264
Ion Ratio Lower Upper
146 100
111 53.7 23.5 70.5
148 72.3 32.5 97.4



#77
1,2-Dichlorobenzene
Concen: 0.257 ppbv
RT: 17.150 min Scan# 4524
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:146 Resp: 37895
Ion Ratio Lower Upper
146 100
111 97.5 25.3 75.8#
148 0.0 32.0 96.2#

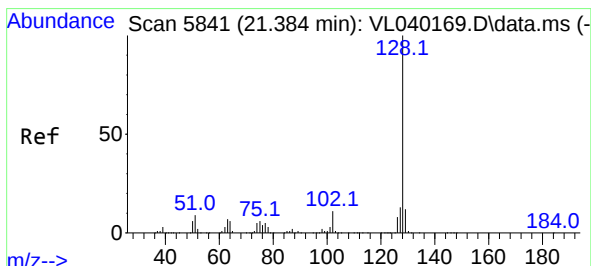
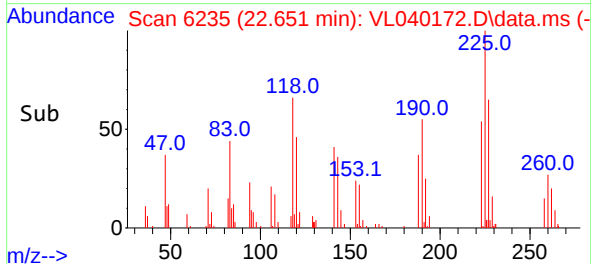
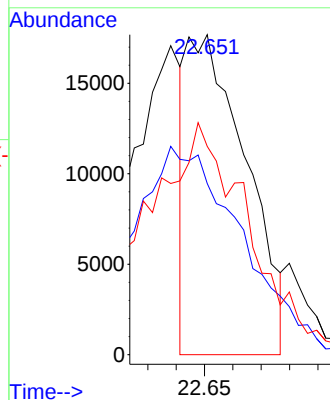
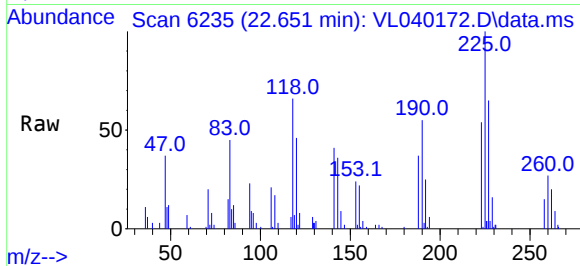




#78
Hexachloro-1,3-Butadiene
Concen: 0.253 ppbv
RT: 22.651 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

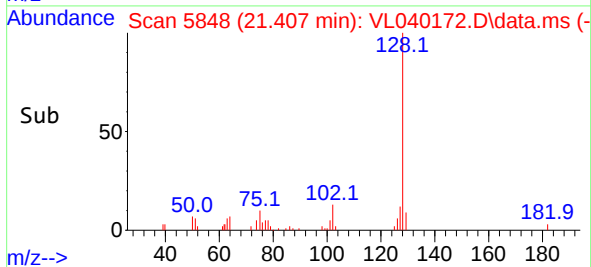
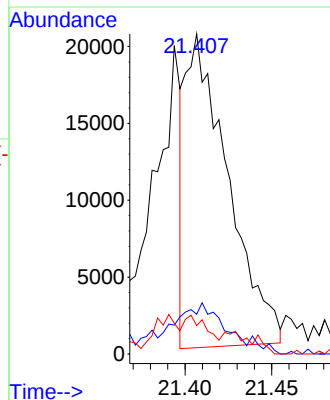
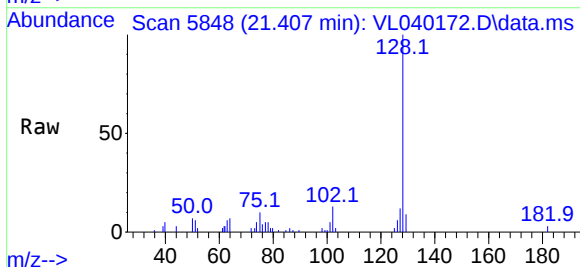
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

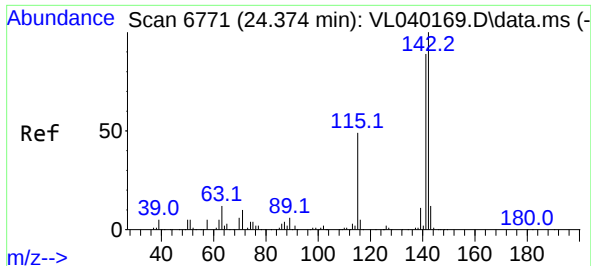
Tgt Ion:225 Resp: 25667
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 134.2 51.2 76.8#



#79
Naphthalene
Concen: 0.228 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:128 Resp: 34757
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 9.6 9.4 14.0

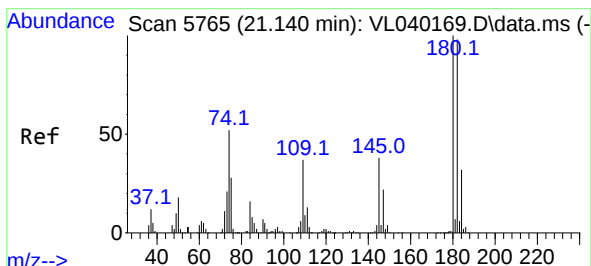
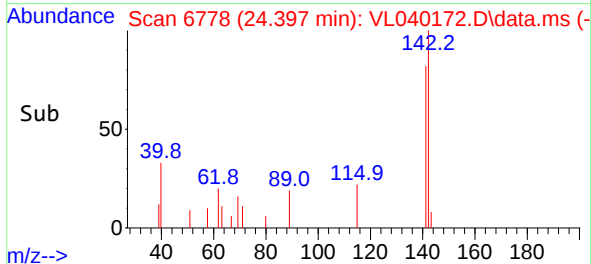
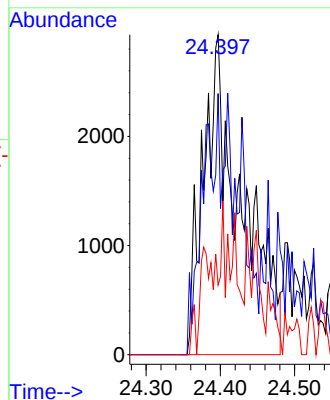
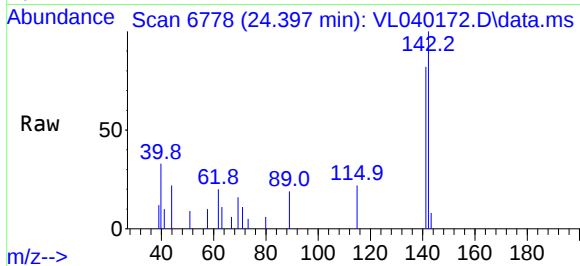




#80
Naphthalene, 2-methyl-
Concen: 0.237 ppbv
RT: 24.397 min Scan# 61
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:142 Resp: 10275
Ion Ratio Lower Upper
142 100
141 76.2 67.3 100.9
115 50.4 36.5 54.7



#81
1,2,4-Trichlorobenzene
Concen: 0.150 ppbv
RT: 21.146 min Scan# 5767
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:180 Resp: 14288
Ion Ratio Lower Upper
180 100
182 0.0 79.0 118.6#
184 0.0 24.6 36.8#

