

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027439.D
 Acq On : 19 Aug 2022 11:50
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

Quant Time: Aug 20 06:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	160247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55174	4.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.564	69	37600	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.108	63	124625	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.892	46	62872	44.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.600%
24) Chloroform-d	4.346	84	107867	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.031	65	46075	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.047	84	212631	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.066	67	60152	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.313	98	200850	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.622	79	21613	5.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.091	63	71122	50.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38415	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59934	4.835	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	85541	5.031	ug/L	99
3) Chloromethane	1.240	50	75914	5.113	ug/L	99
5) Vinyl chloride	1.310	62	76669	5.129	ug/L	97
6) Bromomethane	1.519	94	35439	4.795	ug/L	96
8) Chloroethane	1.584	64	42707	4.889	ug/L	98
9) Trichlorofluoromethane	1.751	101	119023	5.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	67603	5.043	ug/L	98
12) 1,1-Dichloroethene	2.117	96	60695	5.006	ug/L	93
13) Acetone	2.169	43	52468	38.709	ug/L	98
14) Carbon disulfide	2.291	76	165816	4.983	ug/L	98
15) Methyl Acetate	2.433	43	17422	4.641	ug/L #	88
16) Methylene chloride	2.503	84	68510	3.748	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	125976	5.022	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	65291	5.227	ug/L	93
19) 1,1-Dichloroethane	3.185	63	128100	4.954	ug/L	98
21) 2-Butanone	3.973	43	93185	51.658	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	68654	5.157	ug/L	97
23) Bromochloromethane	4.246	128	30316	5.164	ug/L	91
25) Chloroform	4.371	83	140419	4.994	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027439.D
 Acq On : 19 Aug 2022 11:50
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

Quant Time: Aug 20 06:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

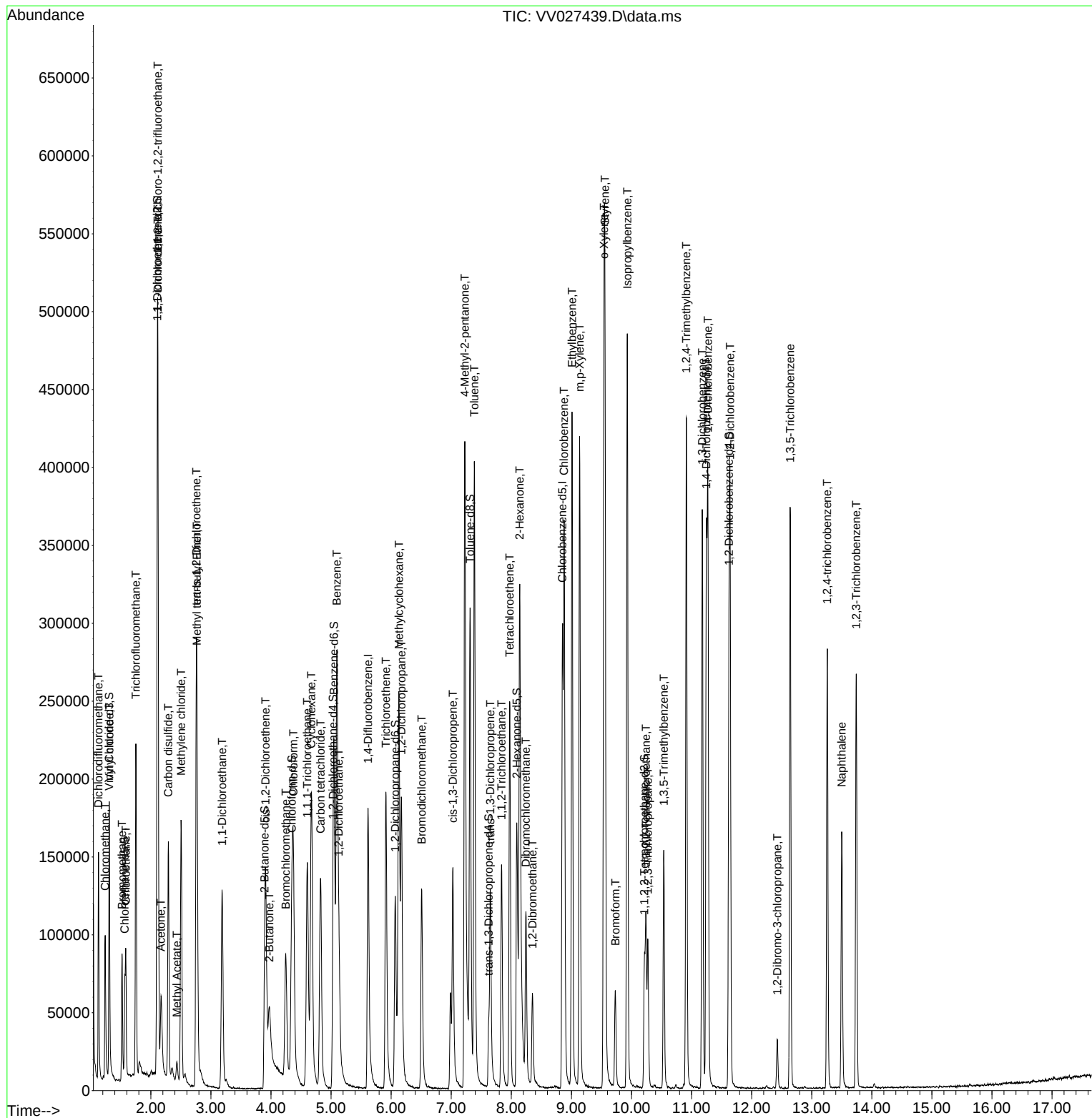
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	72156	5.050	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	121975	5.160	ug/L	99
30) Cyclohexane	4.670	56	99312	5.473	ug/L	99
31) Carbon tetrachloride	4.825	117	106342	5.173	ug/L	100
33) Benzene	5.095	78	280810	5.484	ug/L	100
34) Trichloroethene	5.912	95	71209	5.284	ug/L	98
35) Methylcyclohexane	6.130	83	102428	5.404	ug/L	96
37) 1,2-Dichloropropane	6.172	63	69083	5.060	ug/L	99
38) Bromodichloromethane	6.506	83	89844	5.191	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	88897	5.401	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	345866	56.704	ug/L	99
42) Toluene	7.384	91	294131	5.565	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	77749	5.587	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	46103	5.283	ug/L	98
47) Tetrachloroethene	7.973	164	56046	5.339	ug/L	96
48) 2-Hexanone	8.140	43	248885	56.627	ug/L	98
49) Dibromochloromethane	8.243	129	56544	5.268	ug/L	100
50) 1,2-Dibromoethane	8.352	107	41717	5.476	ug/L #	97
51) Chlorobenzene	8.879	112	185747	5.430	ug/L	99
52) Ethylbenzene	9.011	91	296582	5.497	ug/L	100
53) m,p-Xylene	9.136	106	115169	5.578	ug/L	98
54) o-Xylene	9.542	106	111655	5.576	ug/L	99
55) Styrene	9.558	104	194078	5.697	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	52816	5.372	ug/L	99
59) Bromoform	9.731	173	27926	4.983	ug/L	100
60) Isopropylbenzene	9.931	105	299878	5.450	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38324	5.224	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	79089	5.184	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	228985	5.327	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	146284	5.396	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	143626	5.314	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	131867	5.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	8265	5.071	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	108834	5.378	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	81575	5.547	ug/L	99
71) Naphthalene	13.500	128	128871	6.348	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75808	5.804	ug/L	98

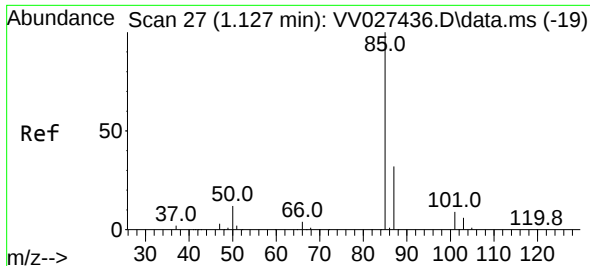
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027439.D
 Acq On : 19 Aug 2022 11:50
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

Quant Time: Aug 20 06:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

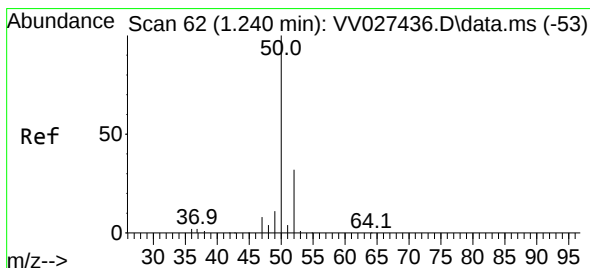
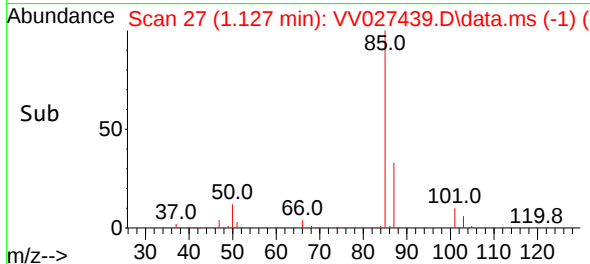
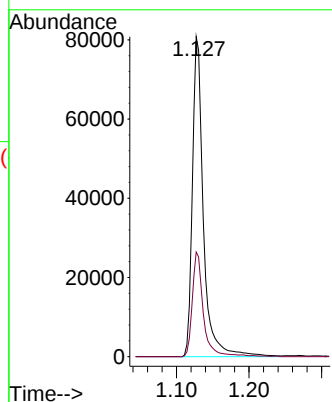
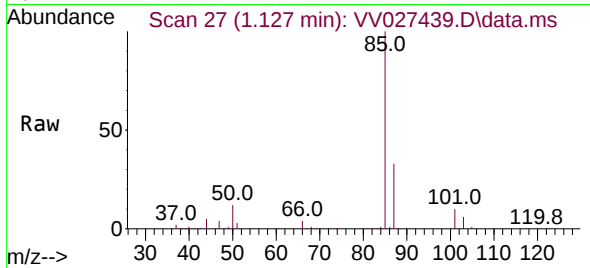




#2
 Dichlorodifluoromethane
 Concen: 5.031 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027439.D
 Acq: 19 Aug 2022 11:50

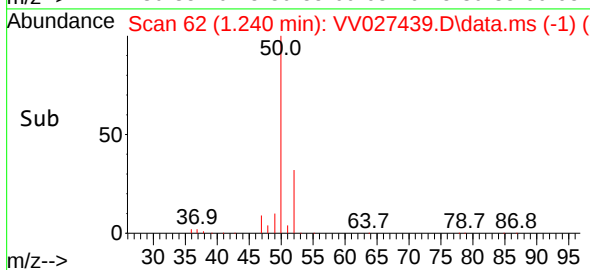
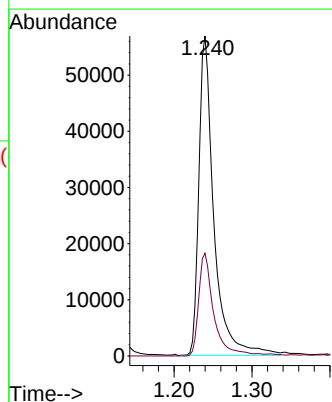
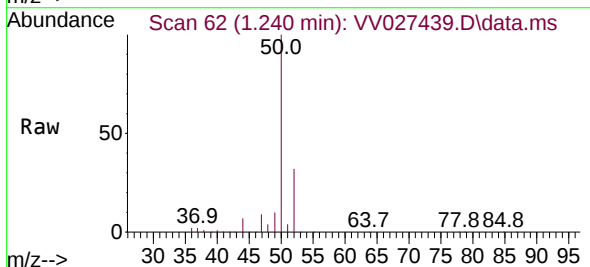
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

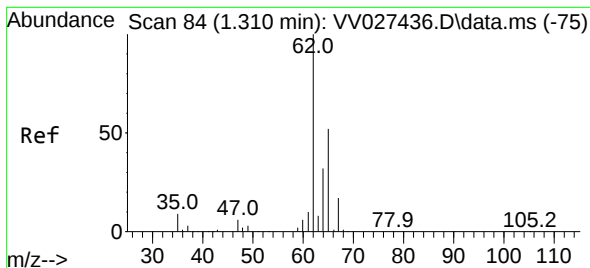
Tgt Ion: 85 Resp: 85541
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 5.113 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027439.D
 Acq: 19 Aug 2022 11:50

Tgt Ion: 50 Resp: 75914
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.8 42.4





#5

Vinyl chloride

Concen: 5.129 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

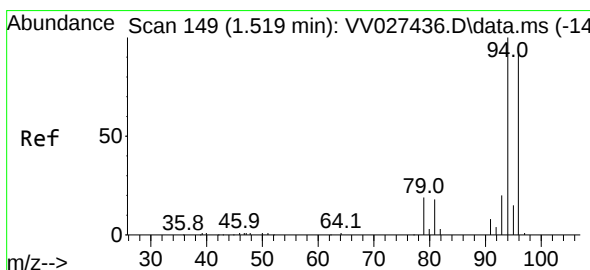
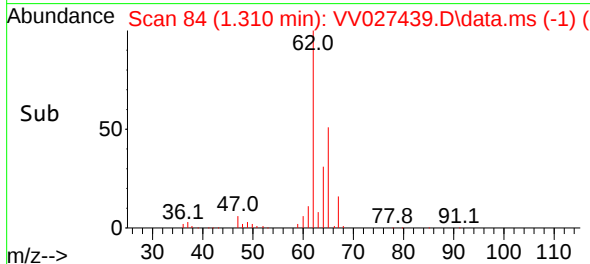
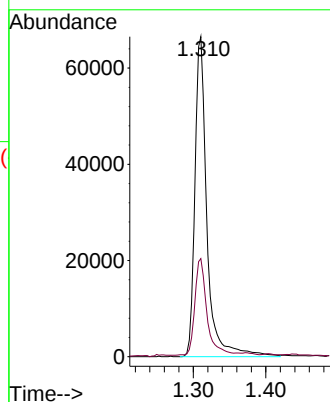
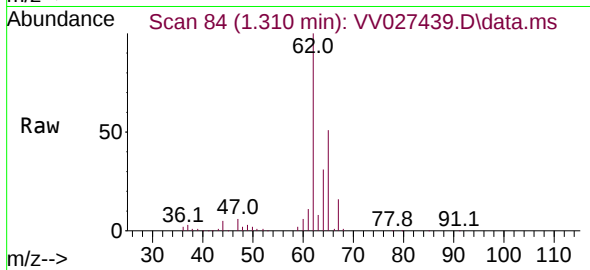
VICV218

Tgt Ion: 62 Resp: 76669

Ion Ratio Lower Upper

62 100

64 30.6 22.6 42.0



#6

Bromomethane

Concen: 4.795 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.000 min

Lab File: VV027439.D

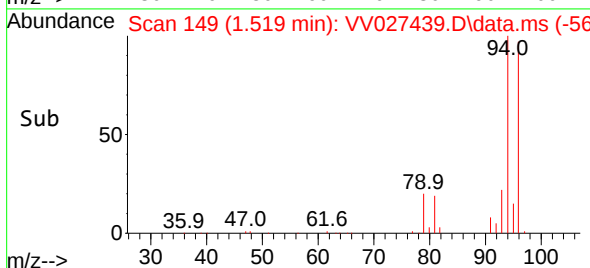
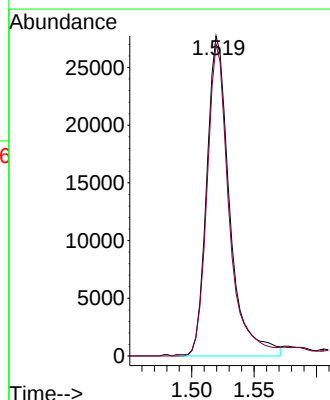
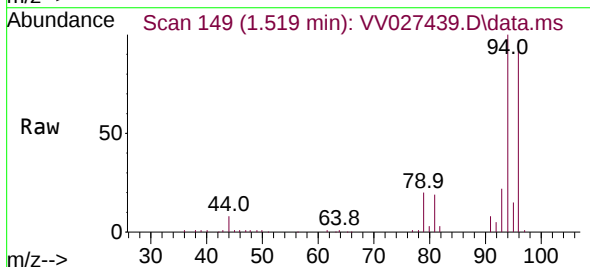
Acq: 19 Aug 2022 11:50

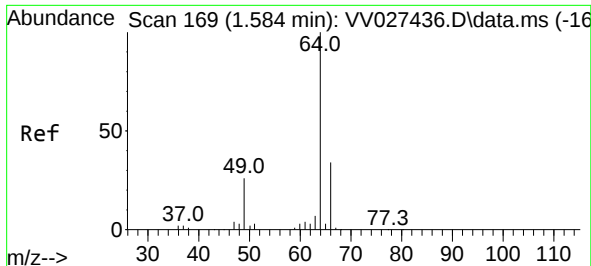
Tgt Ion: 94 Resp: 35439

Ion Ratio Lower Upper

94 100

96 97.3 65.2 121.0

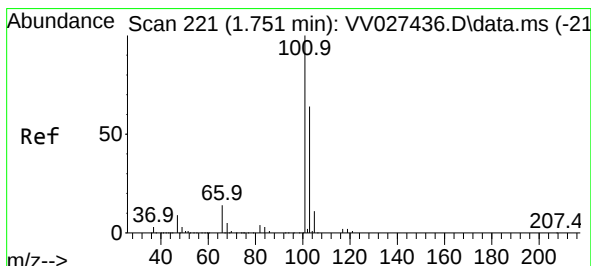
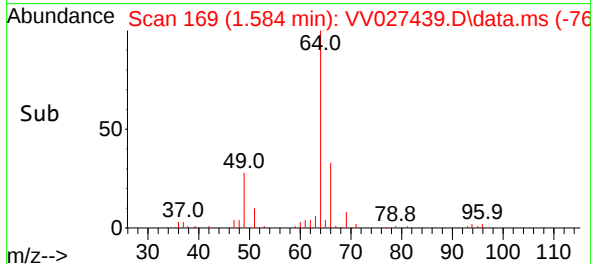
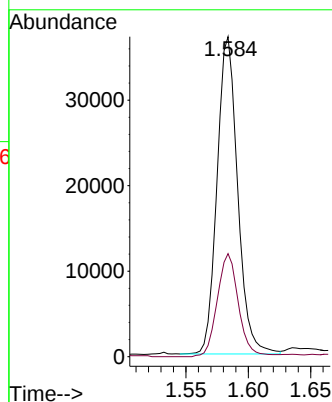
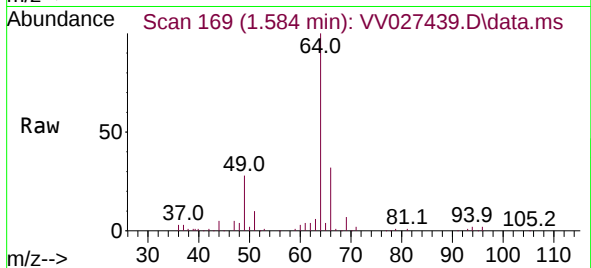




#8
Chloroethane
Concen: 4.889 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

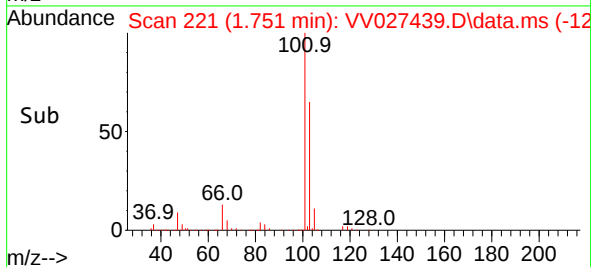
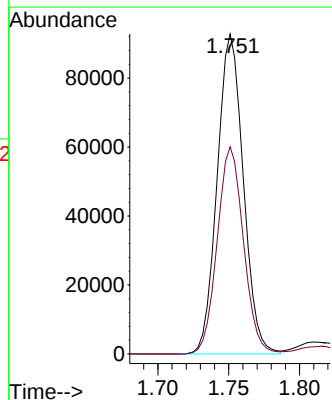
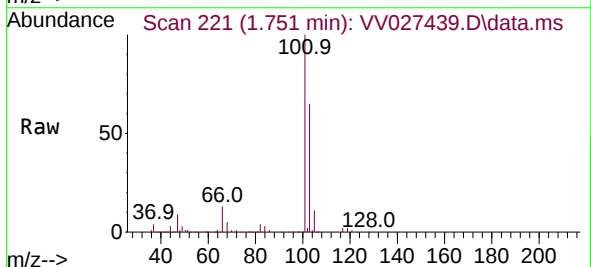
Instrument :
MSVOA_V
ClientSampleId :
VICV218

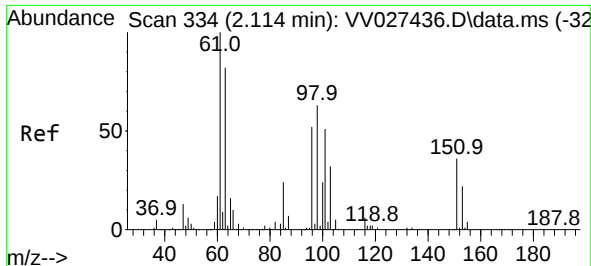
Tgt Ion: 64 Resp: 42707
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.012 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion:101 Resp: 119023
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

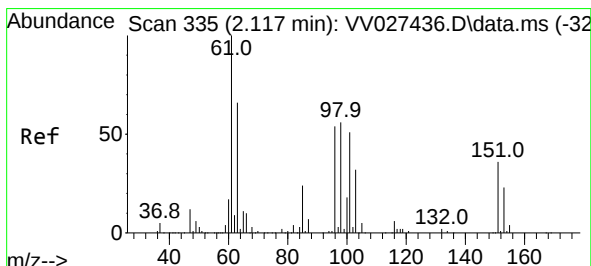
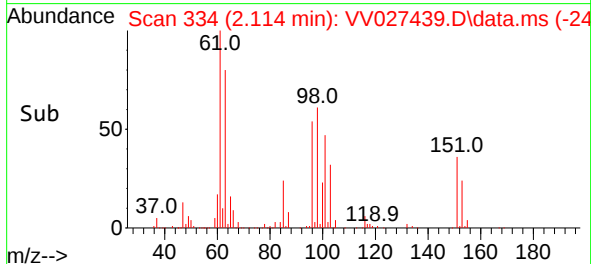
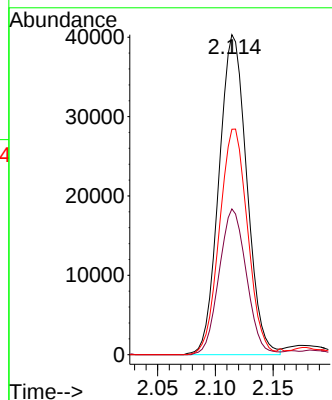
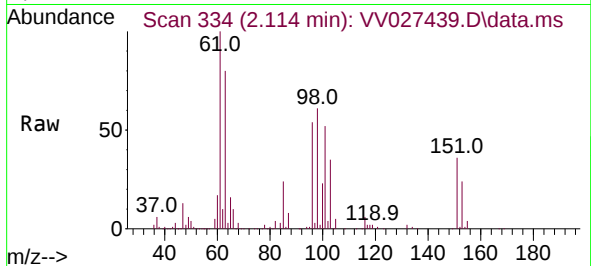




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.043 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027439.D
 Acq: 19 Aug 2022 11:50

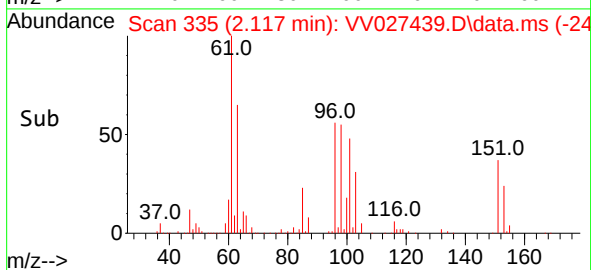
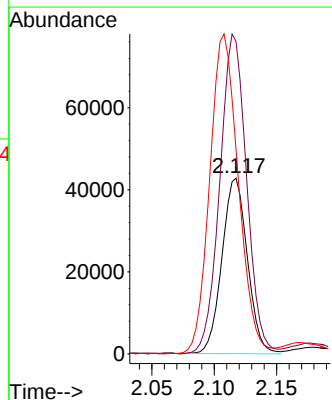
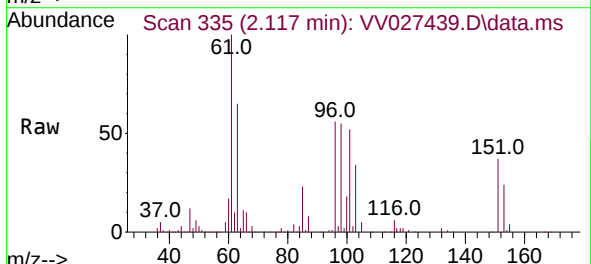
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

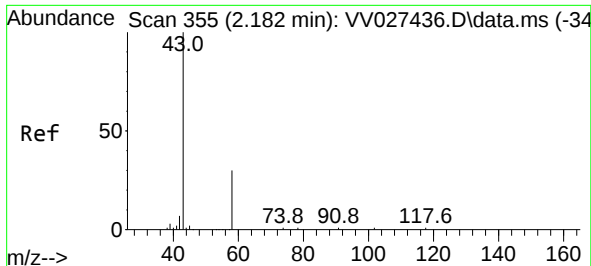
Tgt Ion:101 Resp: 67603
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.3 52.9
 151 71.3 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.006 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV027439.D
 Acq: 19 Aug 2022 11:50

Tgt Ion: 96 Resp: 60695
 Ion Ratio Lower Upper
 96 100
 61 177.6 130.2 241.8
 63 116.2 87.4 162.4





#13

Acetone

Concen: 38.709 ug/L

RT: 2.169 min Scan# 351

Delta R.T. -0.013 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

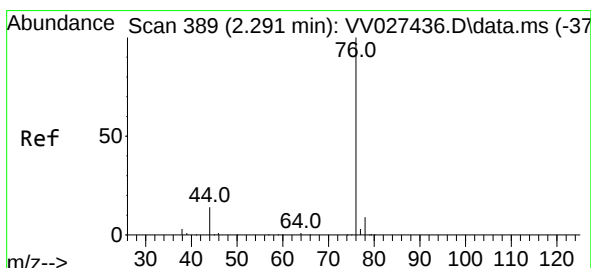
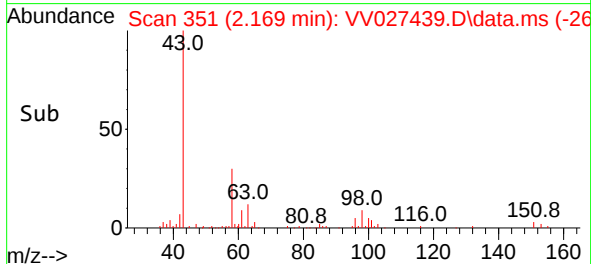
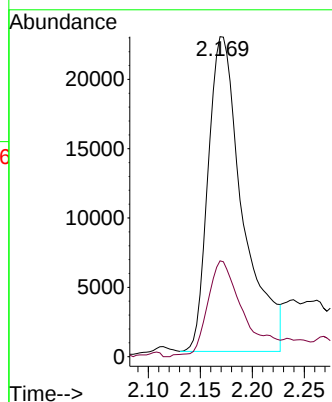
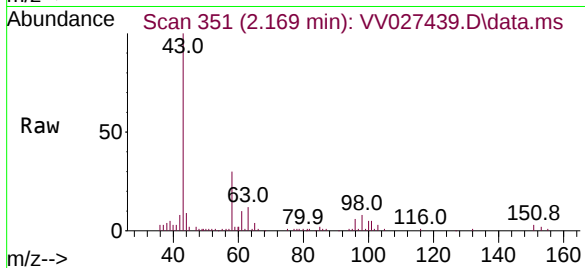
VICV218

Tgt Ion: 43 Resp: 52468

Ion Ratio Lower Upper

43 100

58 31.9 0.0 62.2



#14

Carbon disulfide

Concen: 4.983 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV027439.D

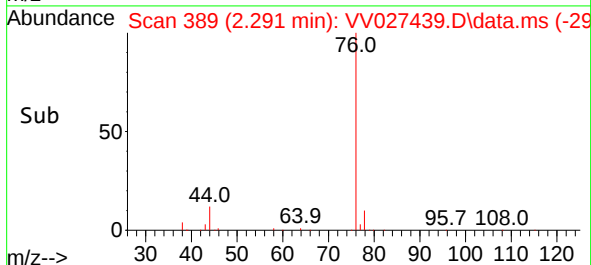
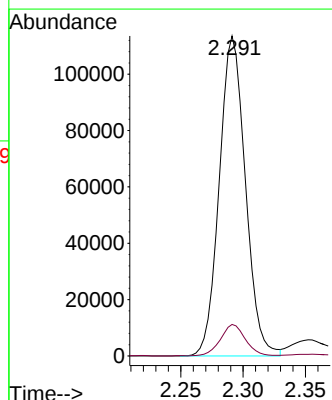
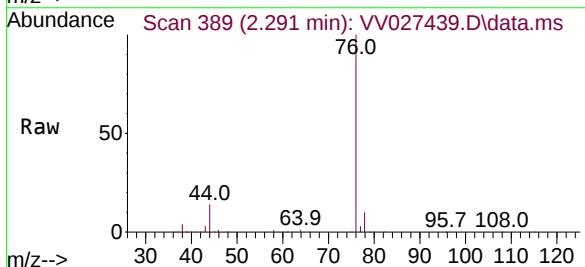
Acq: 19 Aug 2022 11:50

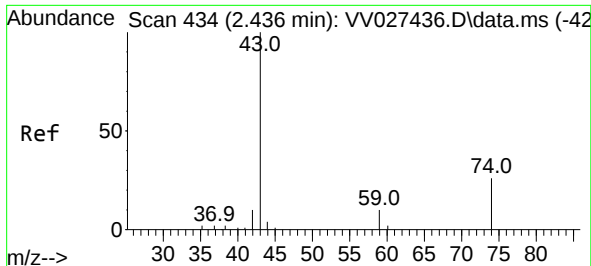
Tgt Ion: 76 Resp: 165816

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9

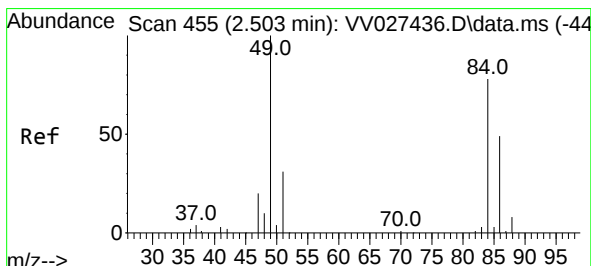
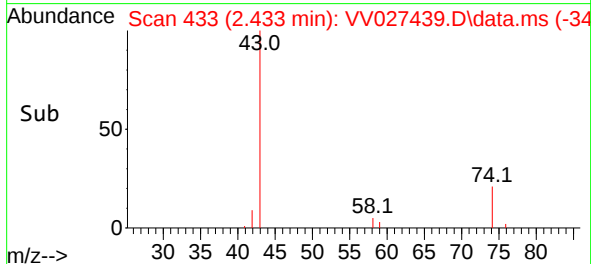
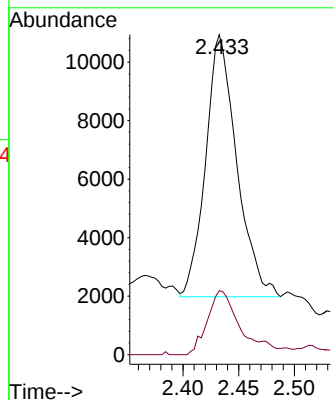
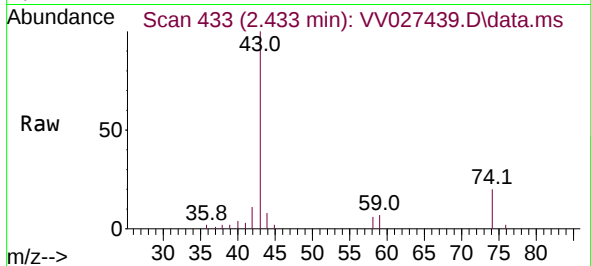




#15
Methyl Acetate
Concen: 4.641 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

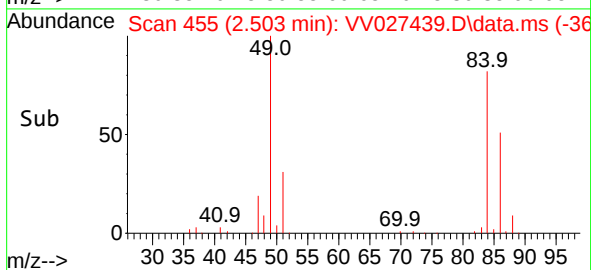
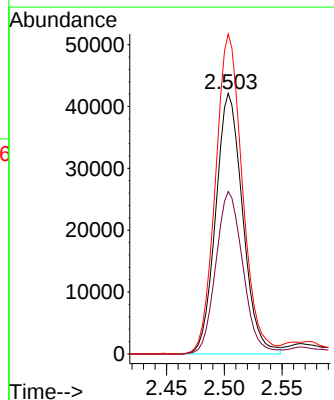
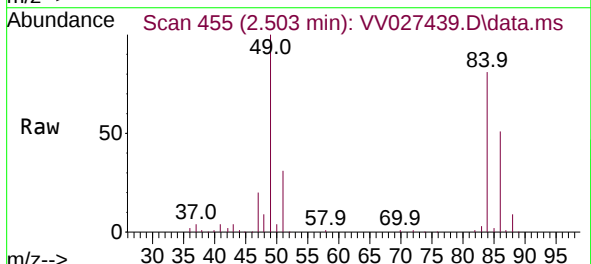
Instrument :
MSVOA_V
ClientSampleId :
VICV218

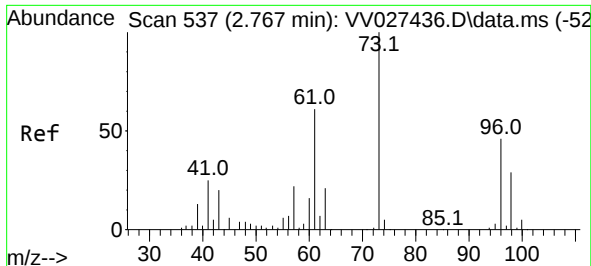
Tgt Ion: 43 Resp: 17422
Ion Ratio Lower Upper
43 100
74 25.9 16.3 24.5#



#16
Methylene chloride
Concen: 3.748 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 84 Resp: 68510
Ion Ratio Lower Upper
84 100
86 62.3 44.0 81.6
49 122.8 89.4 166.0

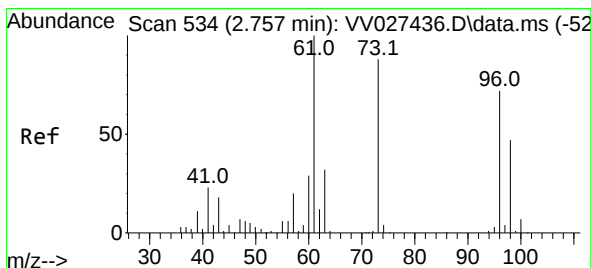
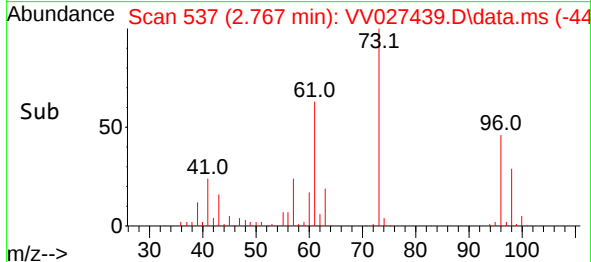
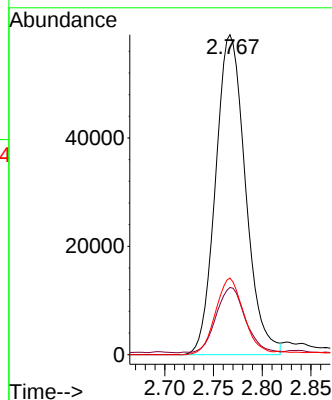
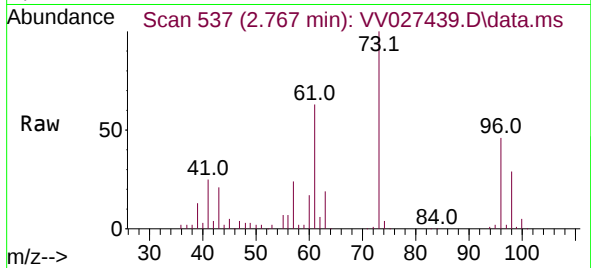




#17
Methyl tert-butyl Ether
Concen: 5.022 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

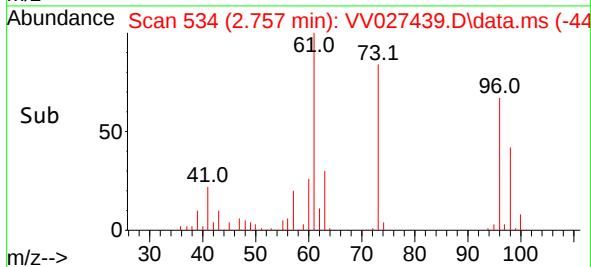
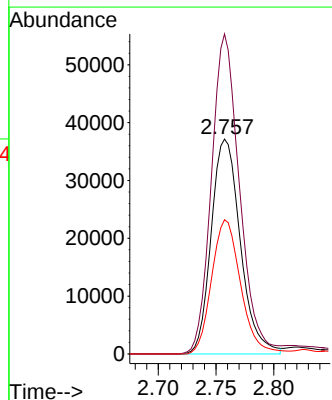
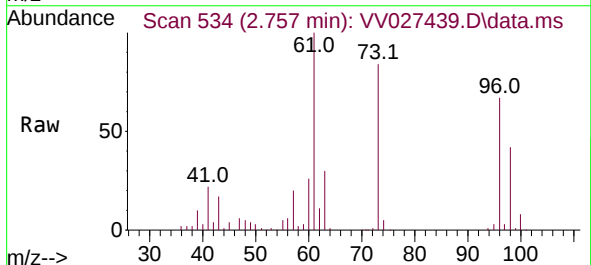
Instrument :
MSVOA_V
ClientSampleId :
VICV218

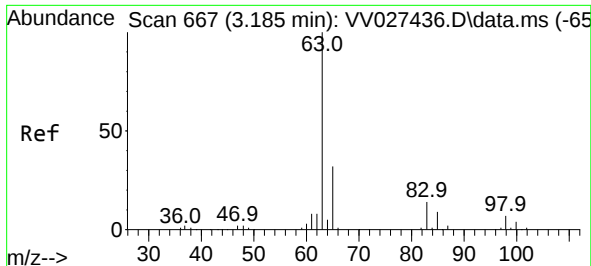
Tgt Ion: 73 Resp: 125976
Ion Ratio Lower Upper
73 100
43 20.0 15.6 23.4
57 22.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.227 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 96 Resp: 65291
Ion Ratio Lower Upper
96 100
61 148.9 97.6 181.4
98 62.5 45.9 85.3

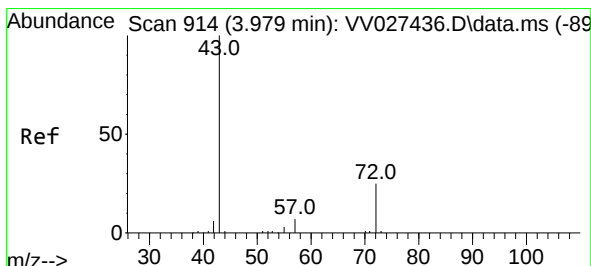
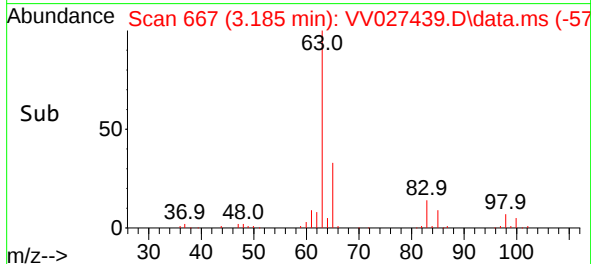
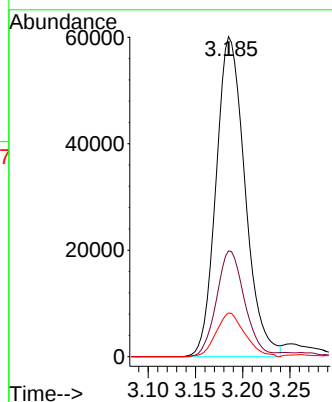
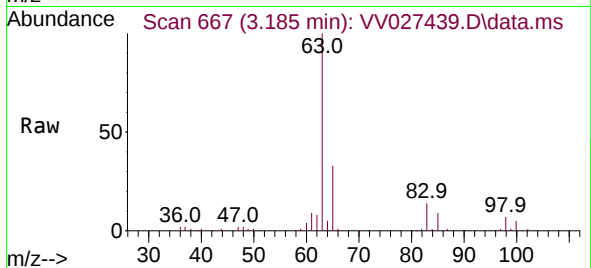




#19
1,1-Dichloroethane
Concen: 4.954 ug/L
RT: 3.185 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

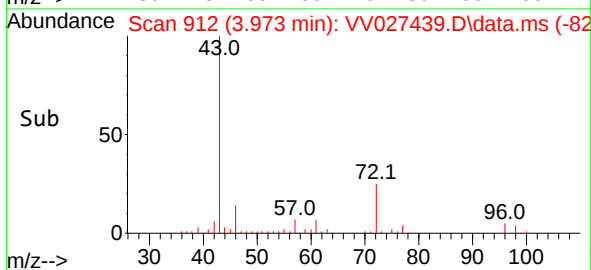
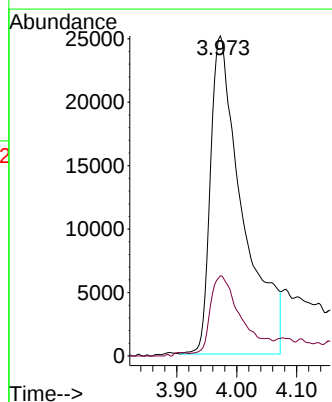
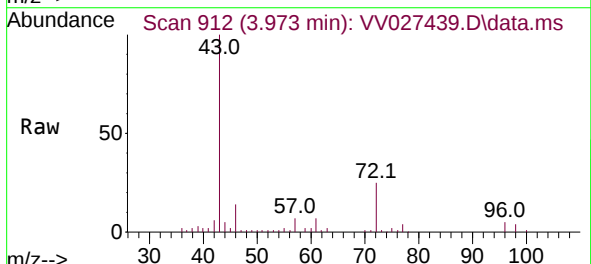
Instrument :
MSVOA_V
ClientSampleId :
VICV218

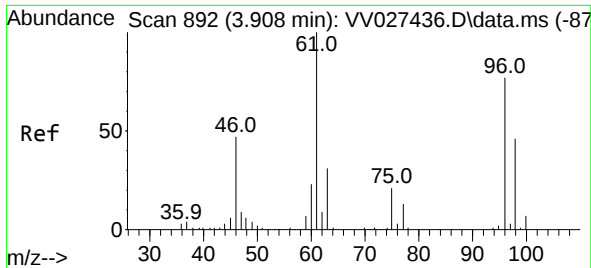
Tgt Ion: 63 Resp: 128100
Ion Ratio Lower Upper
63 100
65 33.1 22.1 41.1
83 13.6 9.6 17.8



#21
2-Butanone
Concen: 51.658 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.006 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 43 Resp: 93185
Ion Ratio Lower Upper
43 100
72 22.1 12.0 36.1

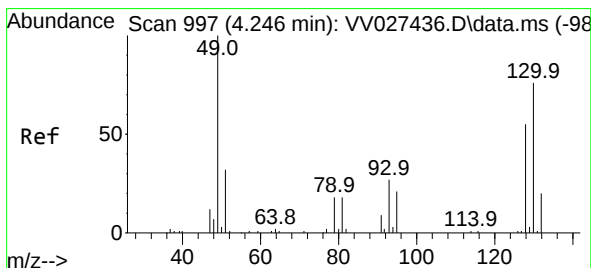
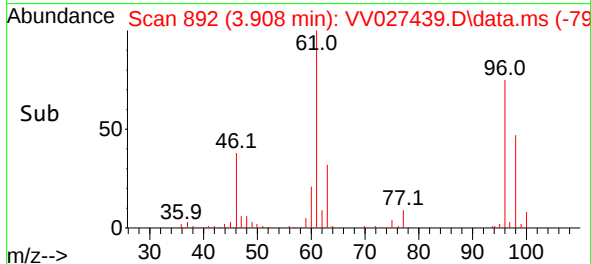
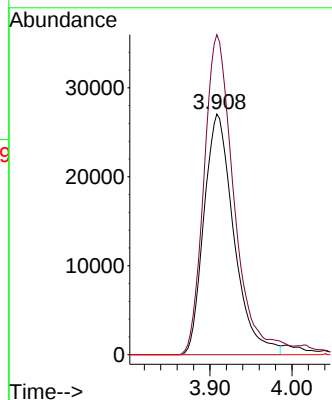
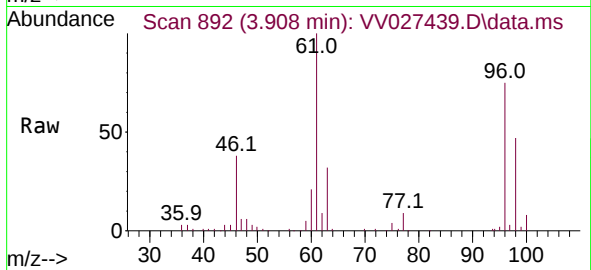




#22
 cis-1,2-Dichloroethene
 Concen: 5.157 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV027439.D
 Acq: 19 Aug 2022 11:50

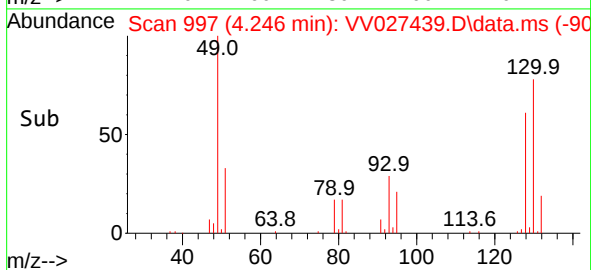
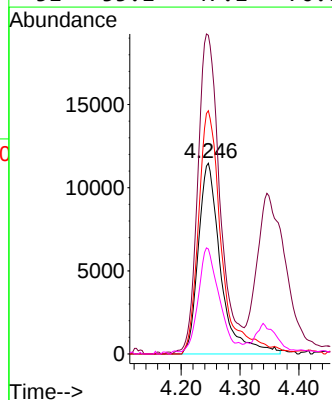
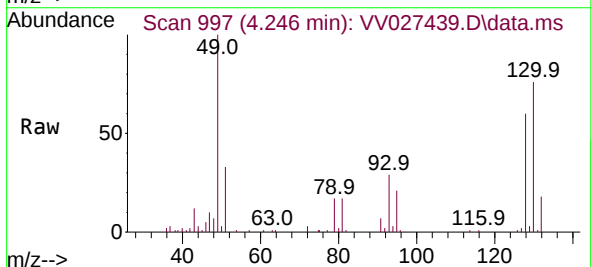
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

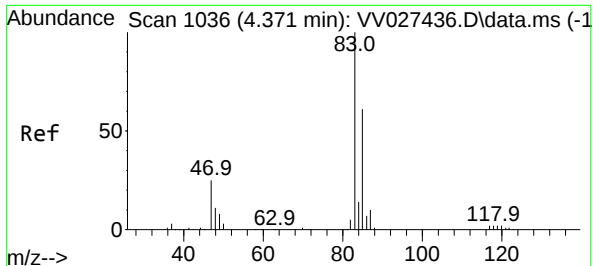
Tgt Ion: 96 Resp: 68654
 Ion Ratio Lower Upper
 96 100
 61 133.0 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.164 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV027439.D
 Acq: 19 Aug 2022 11:50

Tgt Ion: 128 Resp: 30316
 Ion Ratio Lower Upper
 128 100
 49 167.1 127.5 236.7
 130 127.5 97.0 180.2
 51 55.1 47.1 70.7





#25

Chloroform

Concen: 4.994 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

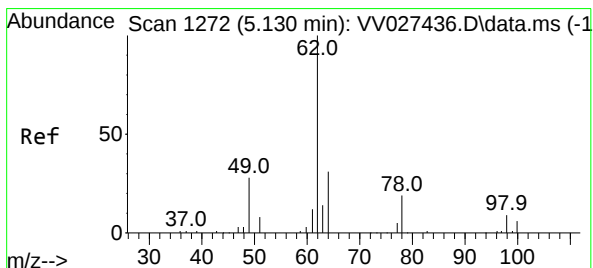
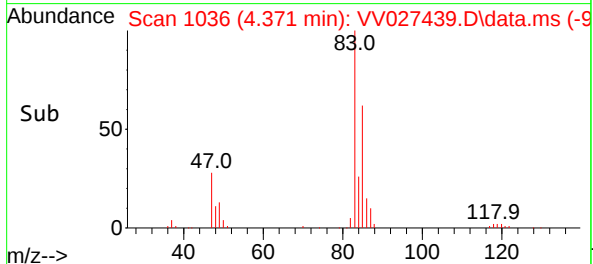
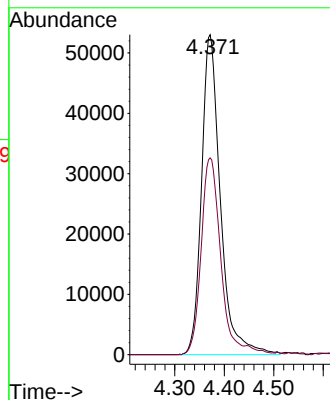
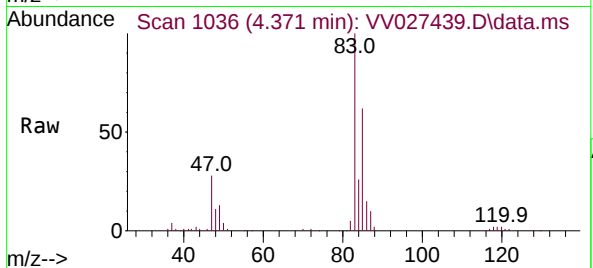
VICV218

Tgt Ion: 83 Resp: 140419

Ion Ratio Lower Upper

83 100

85 61.5 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.050 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027439.D

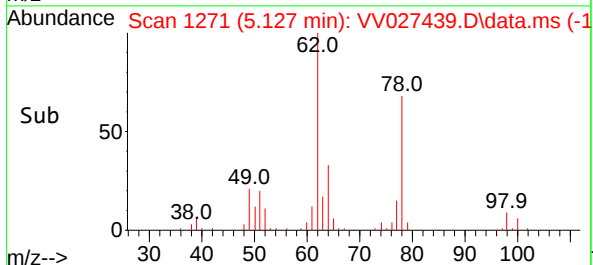
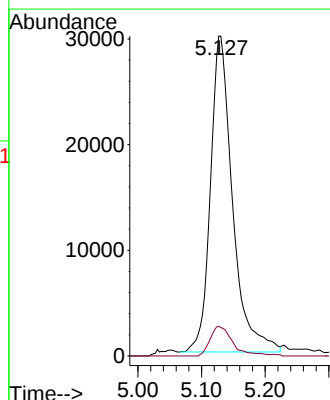
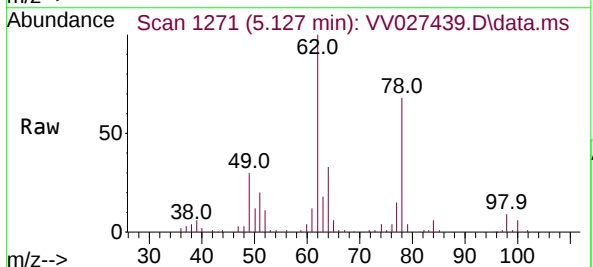
Acq: 19 Aug 2022 11:50

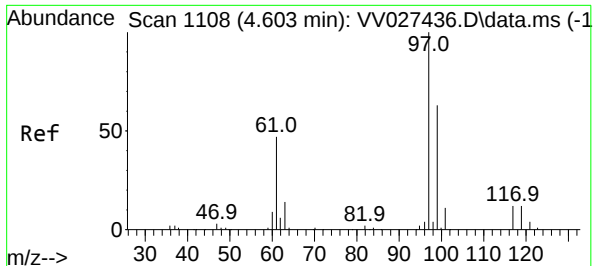
Tgt Ion: 62 Resp: 72156

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.160 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VICV218

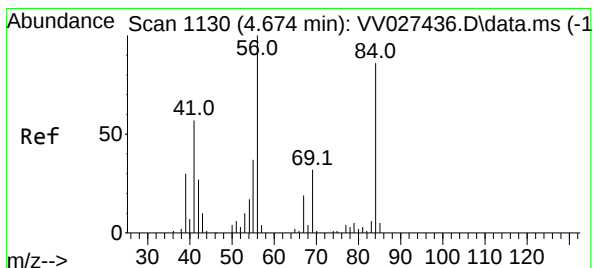
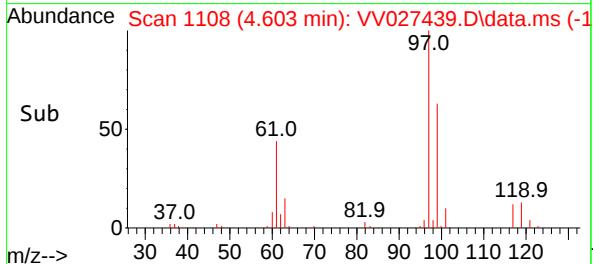
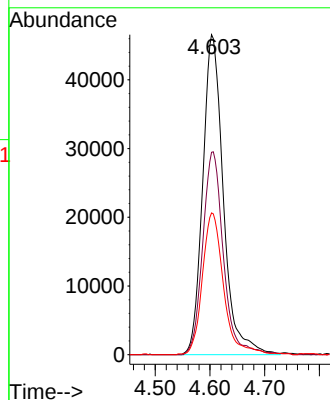
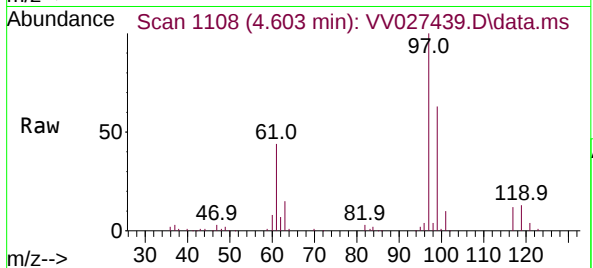
Tgt Ion: 97 Resp: 121975

Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 45.4 35.9 53.9



#30

Cyclohexane

Concen: 5.473 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

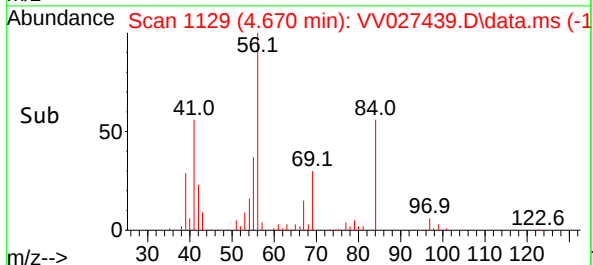
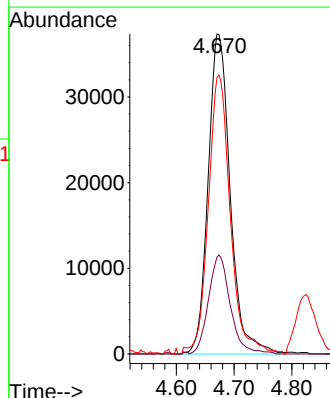
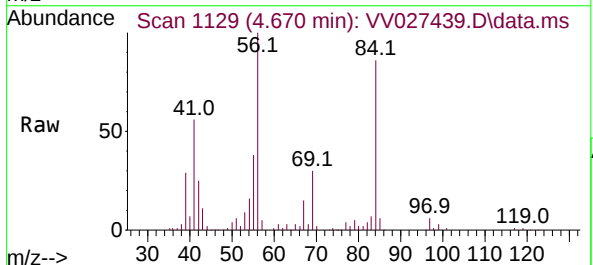
Tgt Ion: 56 Resp: 99312

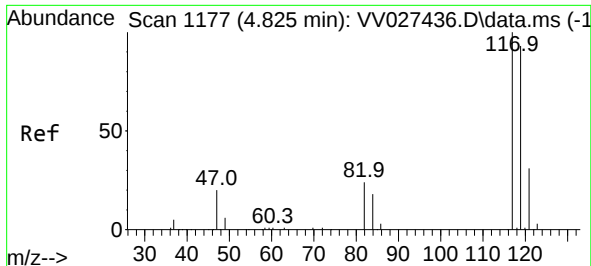
Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 87.0 69.7 104.5

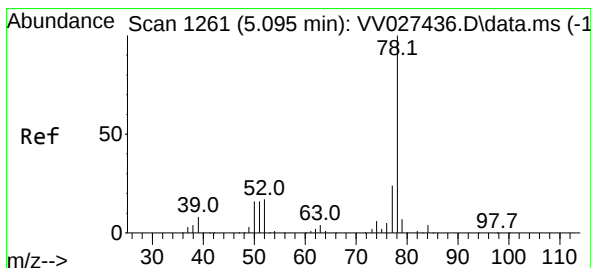
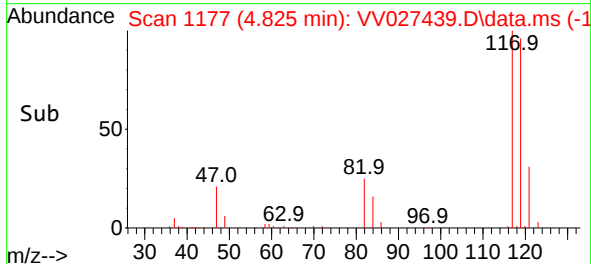
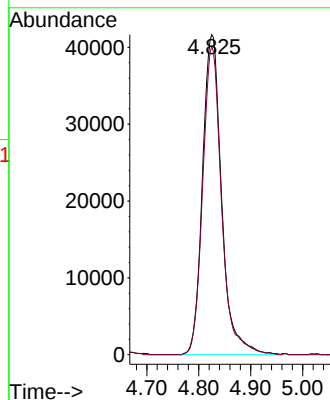
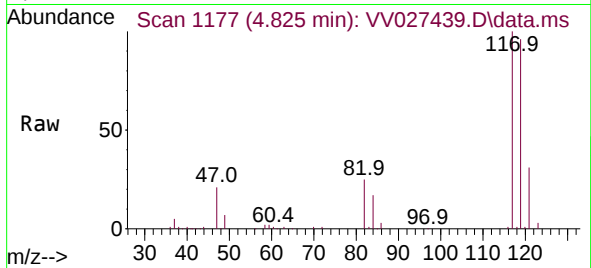




#31
Carbon tetrachloride
Concen: 5.173 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

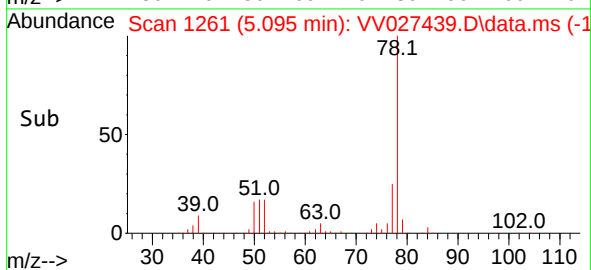
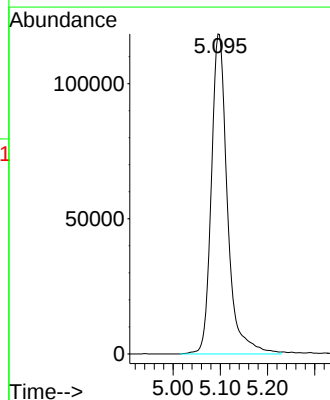
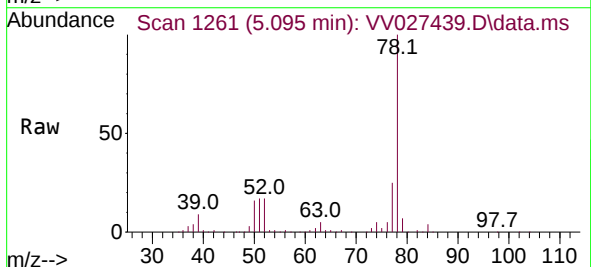
Instrument :
MSVOA_V
ClientSampleId :
VICV218

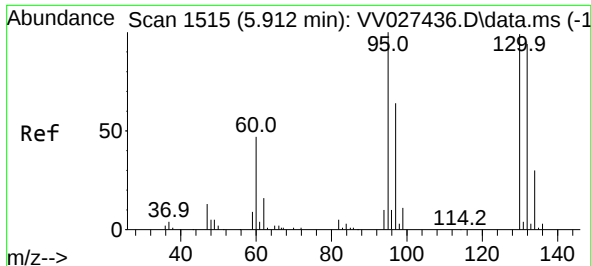
Tgt Ion:117 Resp: 106342
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#33
Benzene
Concen: 5.484 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 78 Resp: 280810



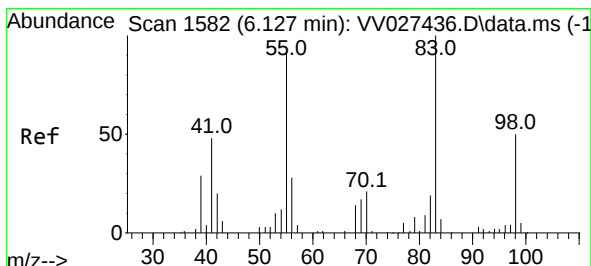
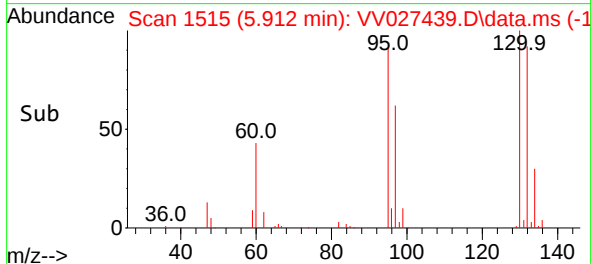
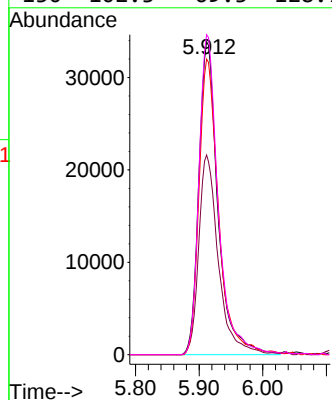
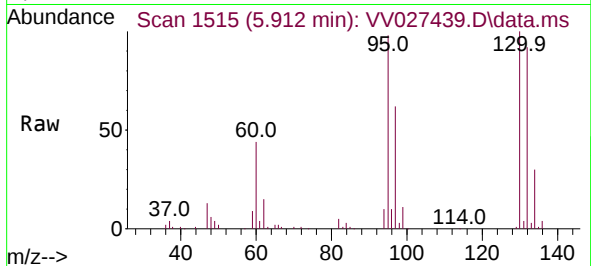


#34
Trichloroethene
Concen: 5.284 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Instrument :
MSVOA_V
ClientSampleId :
VICV218

Tgt Ion: 95 Resp: 71209

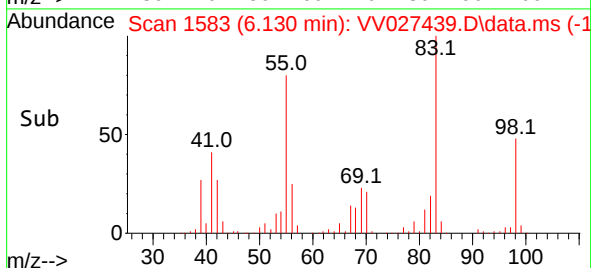
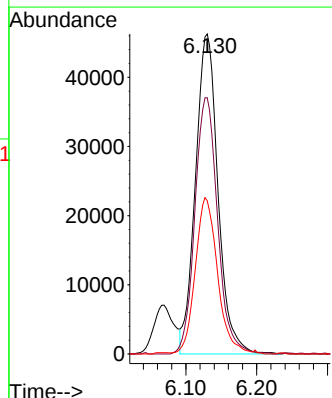
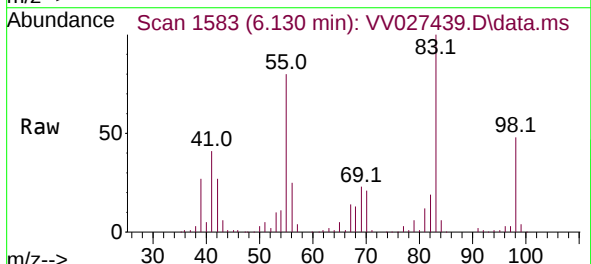
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.0	83.6
132	94.5	65.7	121.9
130	102.3	69.3	128.7

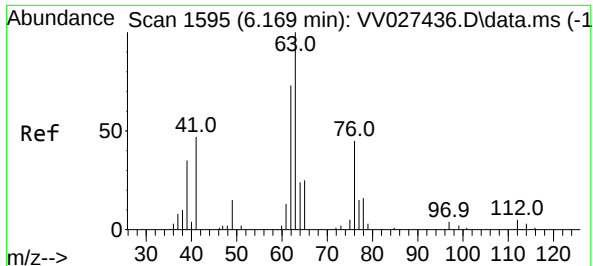


#35
Methylcyclohexane
Concen: 5.404 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 83 Resp: 102428

Ion	Ratio	Lower	Upper
83	100		
55	80.9	68.2	102.4
98	47.2	39.0	58.4





#37

1,2-Dichloropropane

Concen: 5.060 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

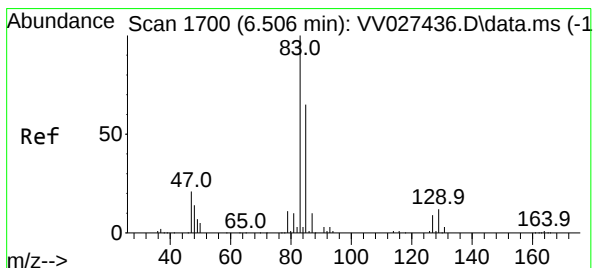
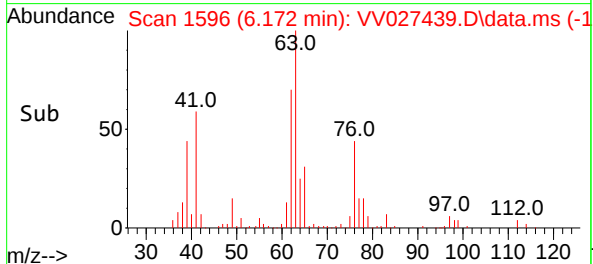
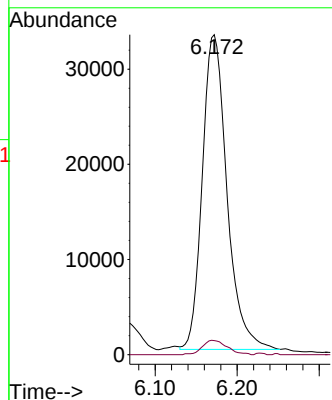
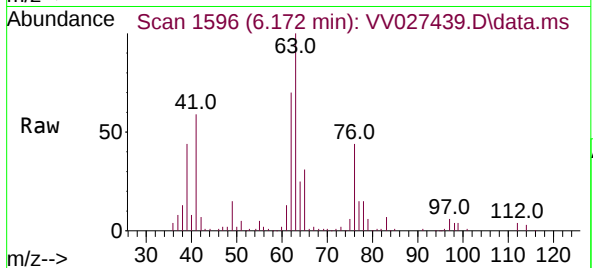
VICV218

Tgt Ion: 63 Resp: 69083

Ion Ratio Lower Upper

63 100

112 4.6 3.9 5.9



#38

Bromodichloromethane

Concen: 5.191 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

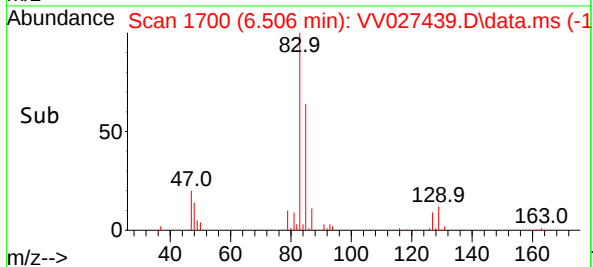
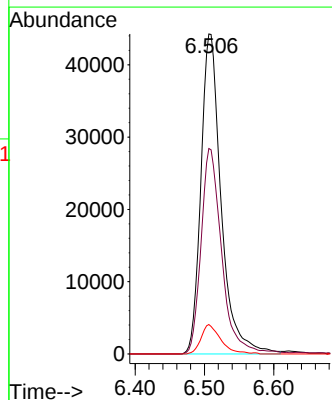
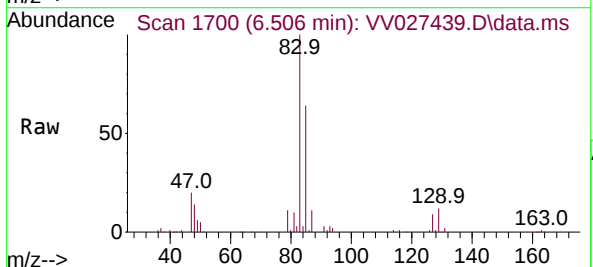
Tgt Ion: 83 Resp: 89844

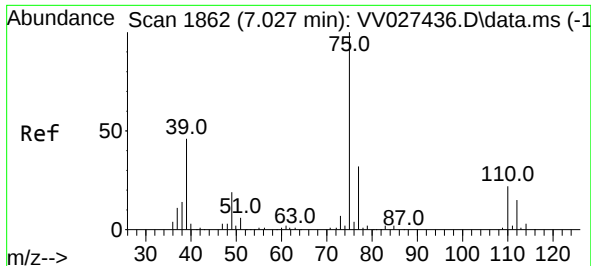
Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.401 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

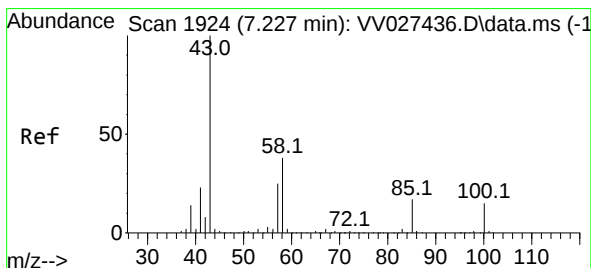
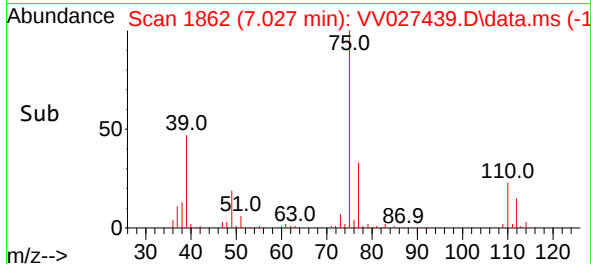
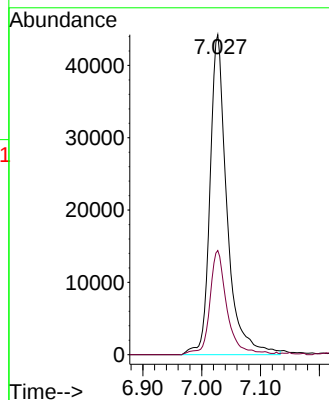
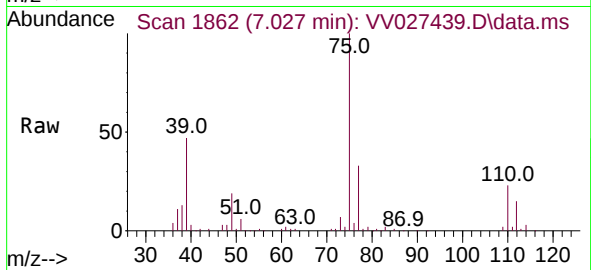
VICV218

Tgt Ion: 75 Resp: 88897

Ion Ratio Lower Upper

75 100

77 32.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.704 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

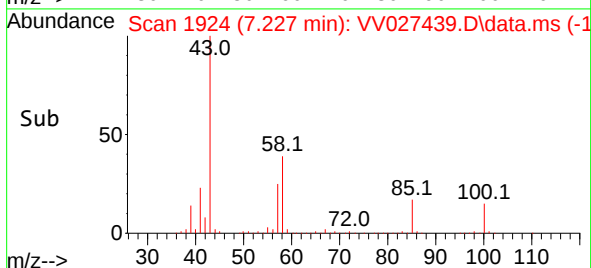
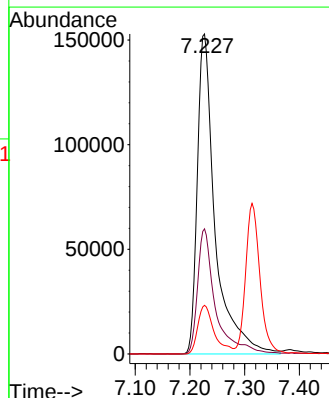
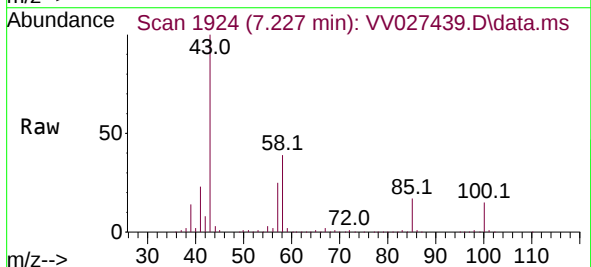
Tgt Ion: 43 Resp: 345866

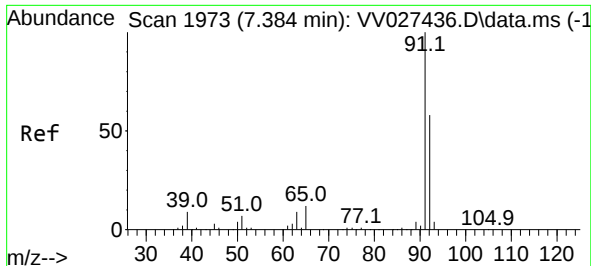
Ion Ratio Lower Upper

43 100

58 39.1 30.6 45.8

100 14.2 11.0 16.4





#42

Toluene

Concen: 5.565 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

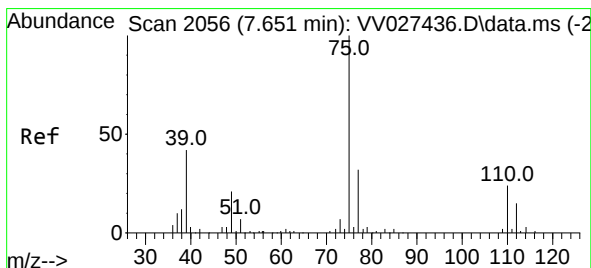
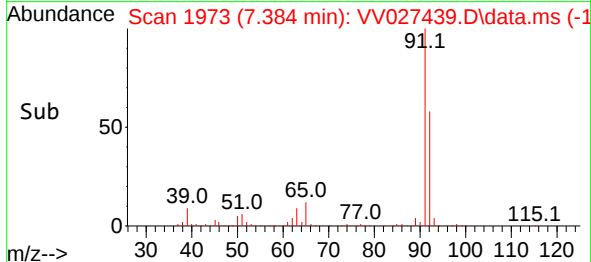
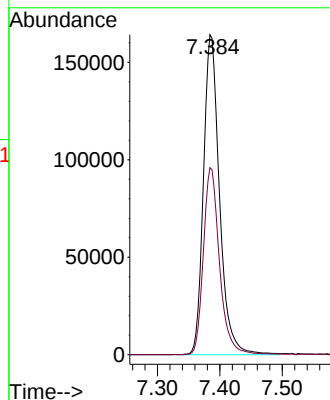
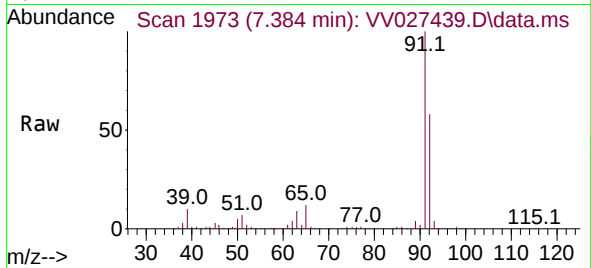
VICV218

Tgt Ion: 91 Resp: 294131

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.587 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV027439.D

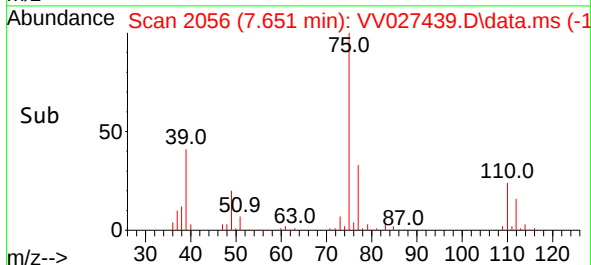
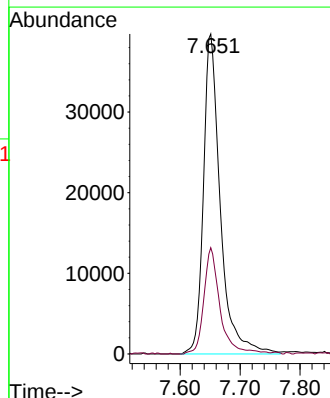
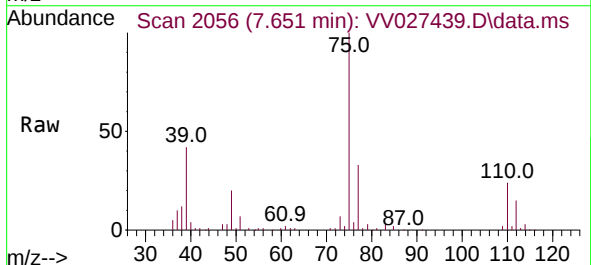
Acq: 19 Aug 2022 11:50

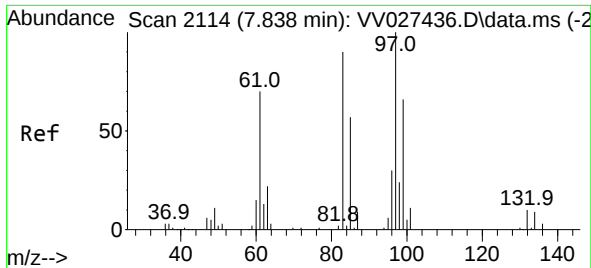
Tgt Ion: 75 Resp: 77749

Ion Ratio Lower Upper

75 100

77 33.2 22.3 41.5



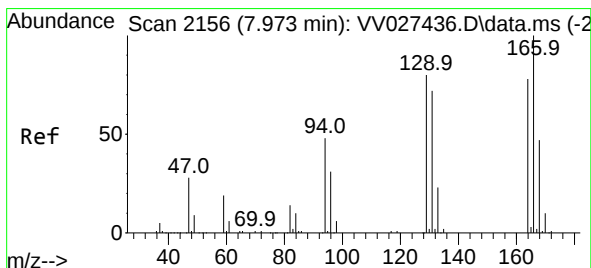
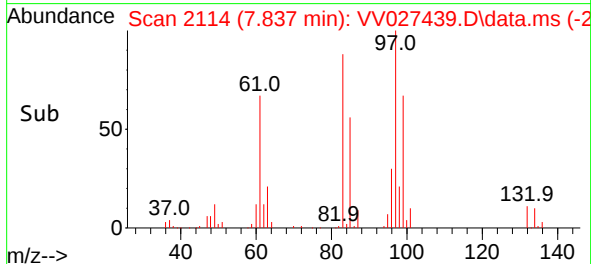
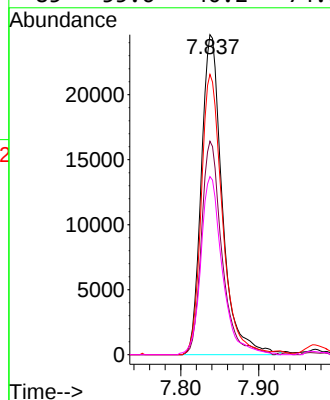
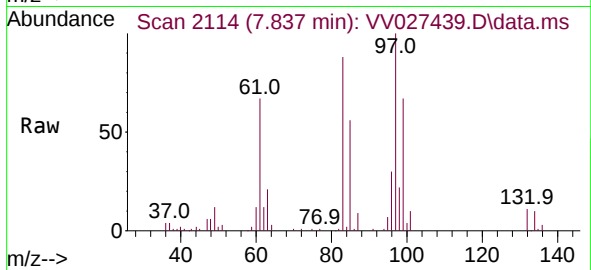


#45
1,1,2-Trichloroethane
Concen: 5.283 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Instrument :
MSVOA_V
ClientSampleId :
VICV218

Tgt Ion: 97 Resp: 46103

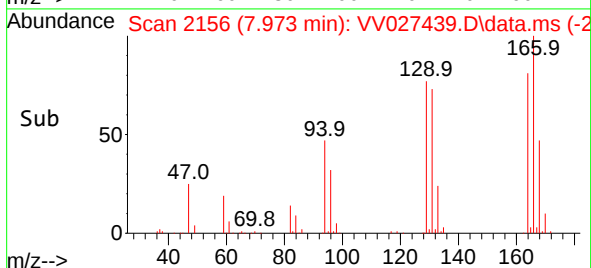
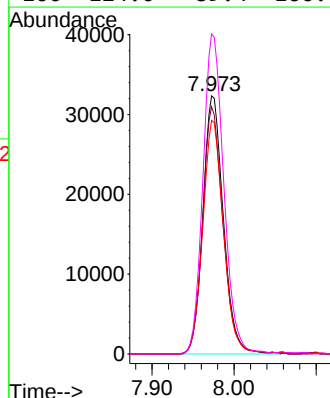
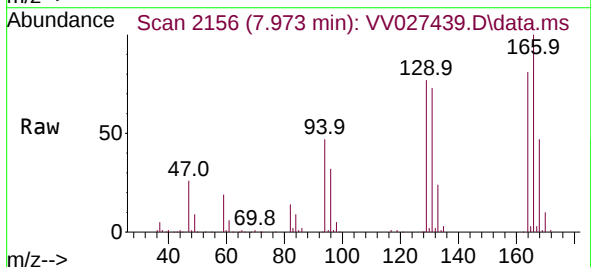
Ion	Ratio	Lower	Upper
97	100		
99	66.7	46.1	85.7
83	87.6	63.0	117.0
85	55.6	40.2	74.6

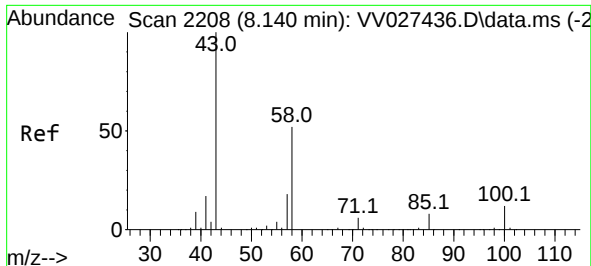


#47
Tetrachloroethene
Concen: 5.339 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 164 Resp: 56046

Ion	Ratio	Lower	Upper
164	100		
129	95.7	71.1	132.1
131	90.5	64.5	119.9
166	124.0	89.4	166.0

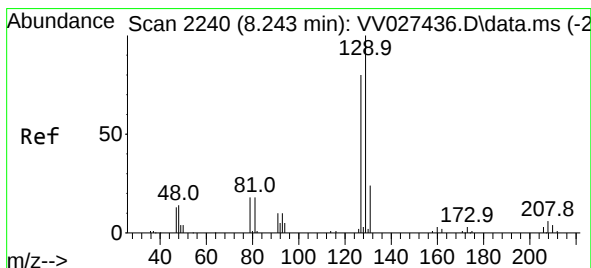
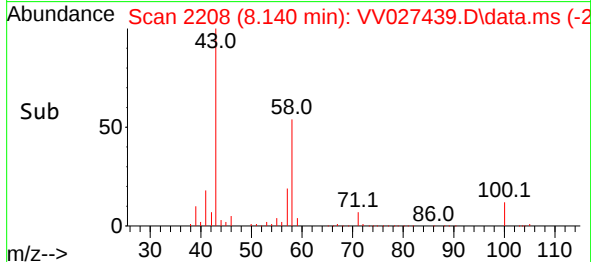
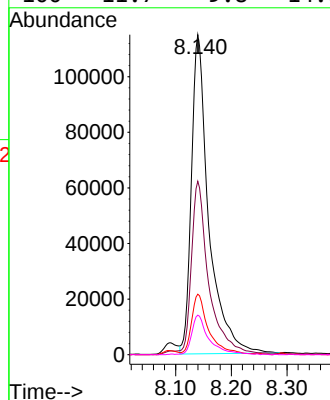
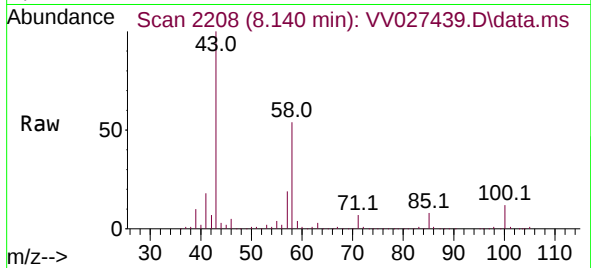




#48
2-Hexanone
Concen: 56.627 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

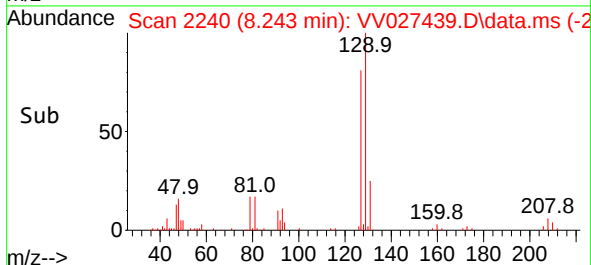
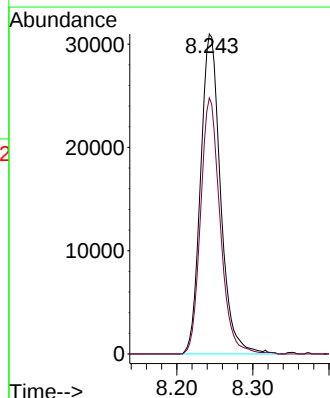
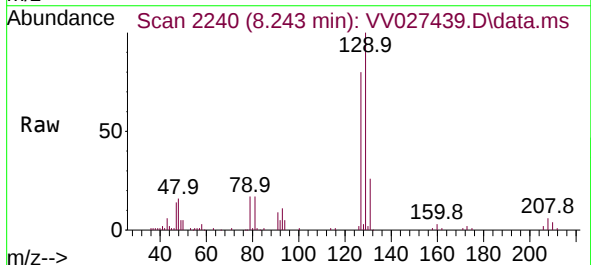
Instrument :
MSVOA_V
ClientSampleId :
VICV218

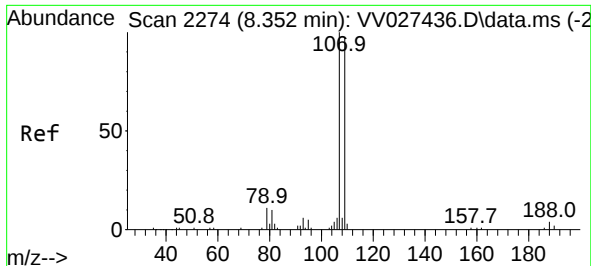
Tgt Ion: 43 Resp: 248885
Ion Ratio Lower Upper
43 100
58 53.8 41.3 61.9
57 18.0 14.9 22.3
100 11.7 9.8 14.6



#49
Dibromochloromethane
Concen: 5.268 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 129 Resp: 56544
Ion Ratio Lower Upper
129 100
127 80.0 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.476 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VICV218

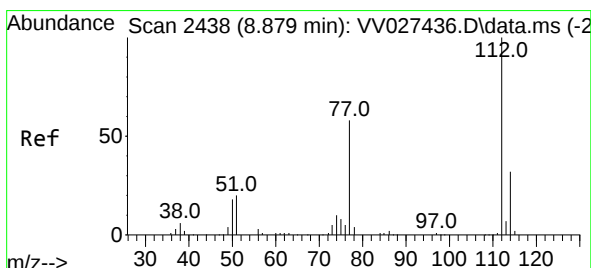
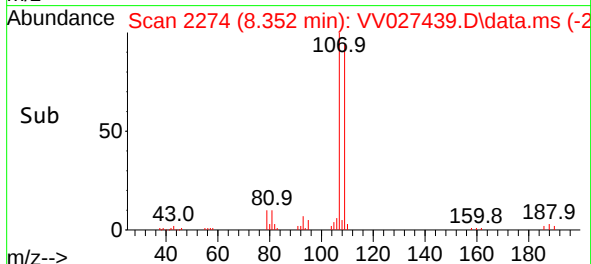
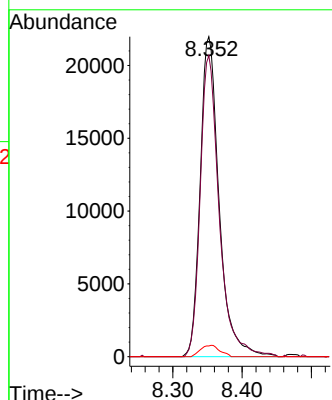
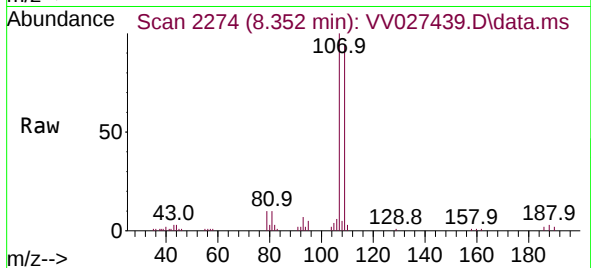
Tgt Ion:107 Resp: 41717

Ion Ratio Lower Upper

107 100

109 94.1 67.8 125.8

188 3.4 3.5 5.3#



#51

Chlorobenzene

Concen: 5.430 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

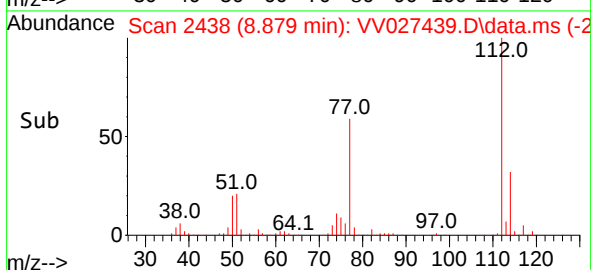
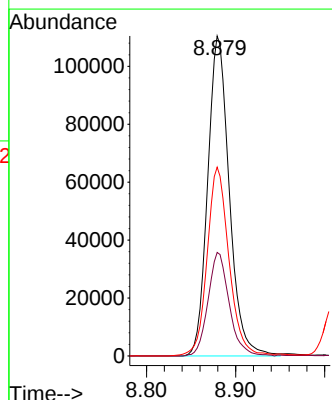
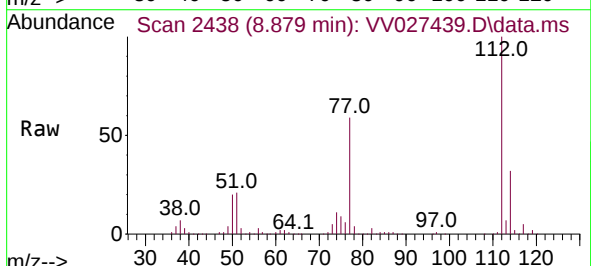
Tgt Ion:112 Resp: 185747

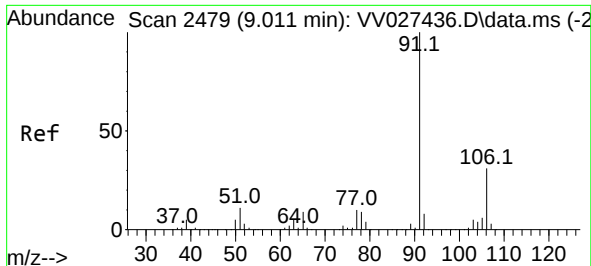
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 59.0 46.2 69.4





#52

Ethylbenzene

Concen: 5.497 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

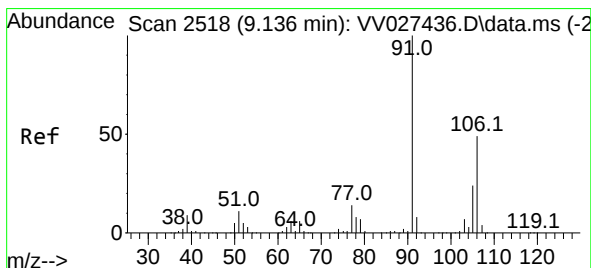
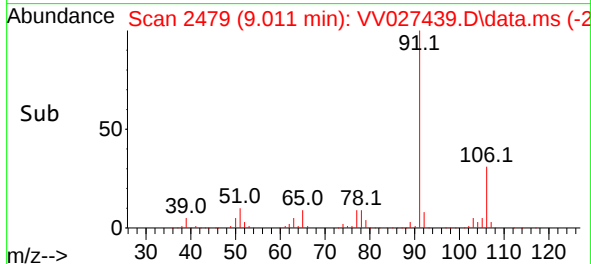
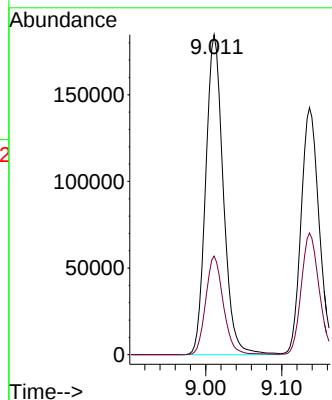
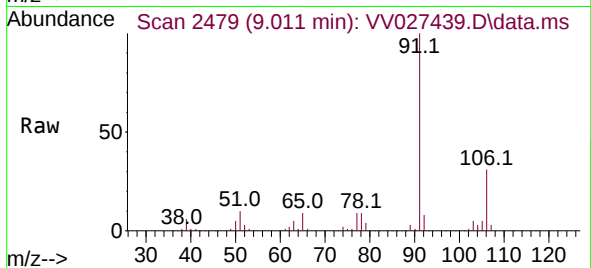
VICV218

Tgt Ion: 91 Resp: 296582

Ion Ratio Lower Upper

91 100

106 30.8 21.4 39.8



#53

m,p-Xylene

Concen: 5.578 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027439.D

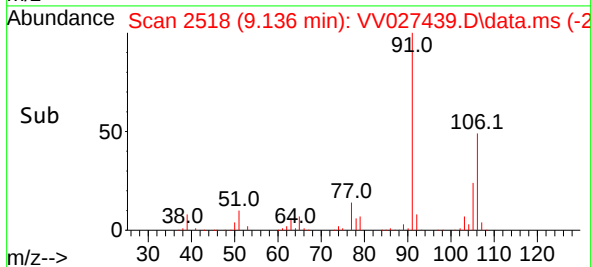
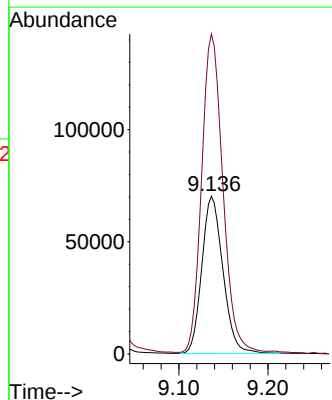
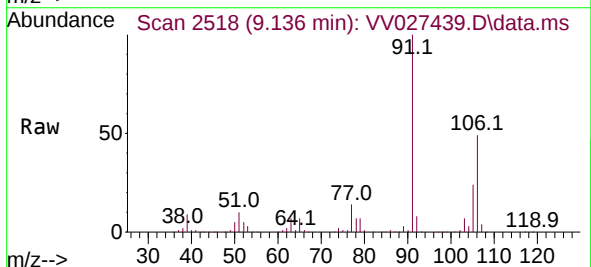
Acq: 19 Aug 2022 11:50

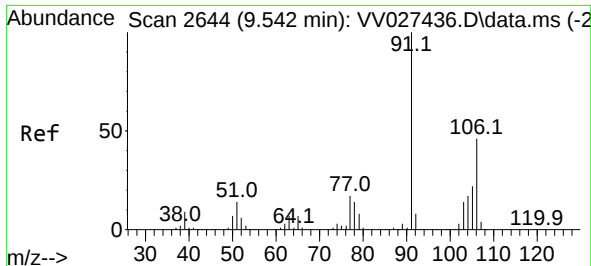
Tgt Ion: 106 Resp: 115169

Ion Ratio Lower Upper

106 100

91 202.9 143.8 267.0

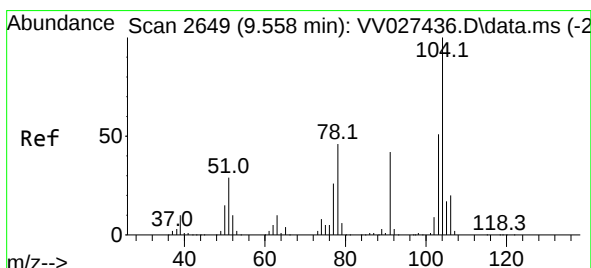
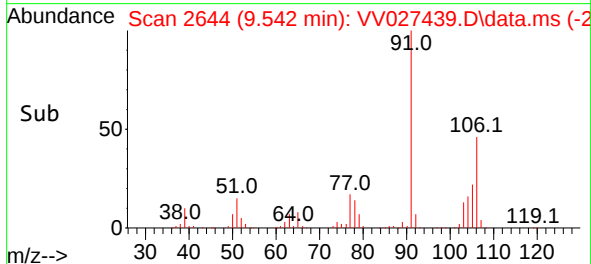
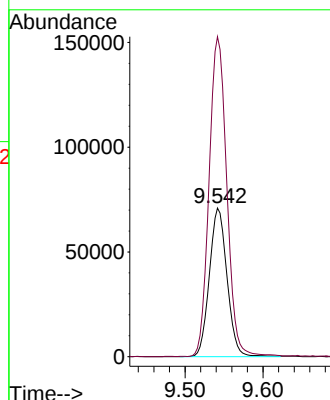
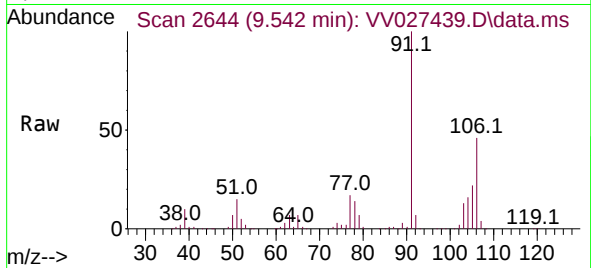




#54
o-Xylene
Concen: 5.576 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

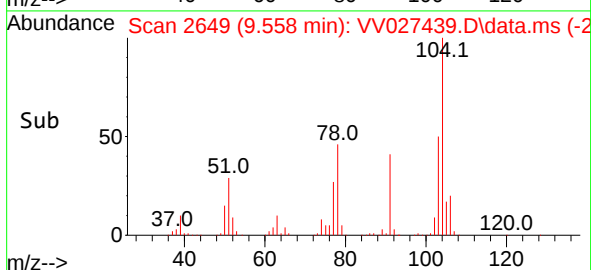
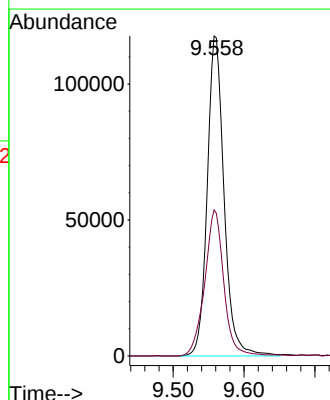
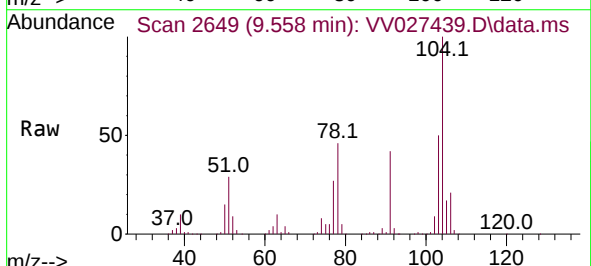
Instrument :
MSVOA_V
ClientSampleId :
VICV218

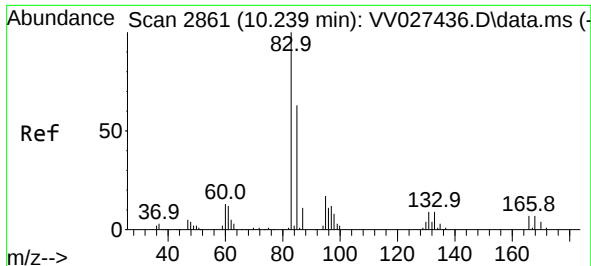
Tgt Ion:106 Resp: 111655
Ion Ratio Lower Upper
106 100
91 215.4 151.6 281.6



#55
Styrene
Concen: 5.697 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion:104 Resp: 194078
Ion Ratio Lower Upper
104 100
78 45.6 32.0 59.4

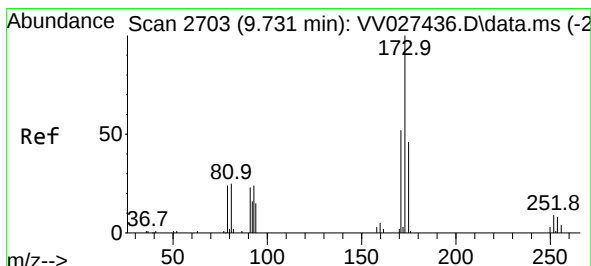
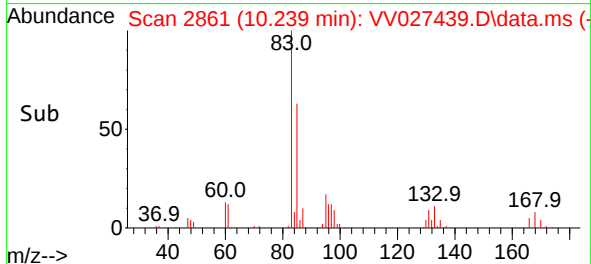
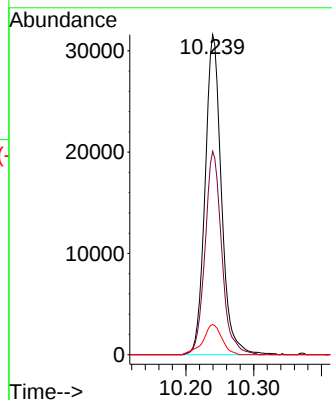
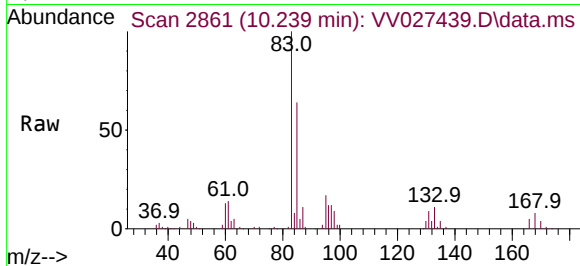




#57
1,1,2,2-Tetrachloroethane
Concen: 5.372 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

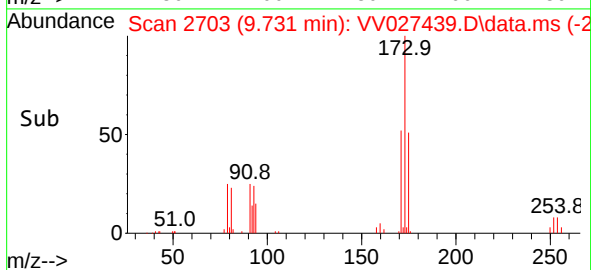
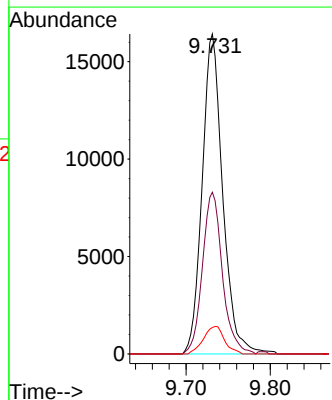
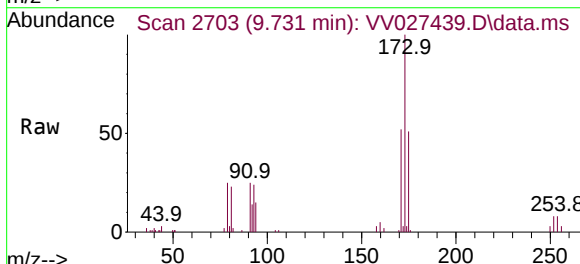
Instrument : MSVOA_V
ClientSampleId : VICV218

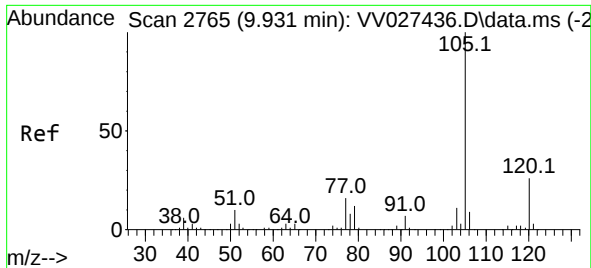
Tgt Ion:	83	Resp:	52816
Ion Ratio	Lower	Upper	
83	100		
85	63.6	44.1	81.9
131	9.4	7.3	10.9



#59
Bromoform
Concen: 4.983 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion:	173	Resp:	27926
Ion Ratio	Lower	Upper	
173	100		
175	49.1	39.0	58.6
254	8.8	7.1	10.7

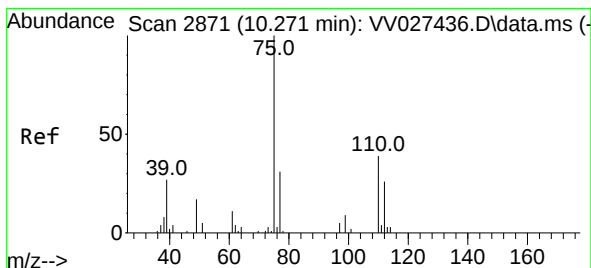
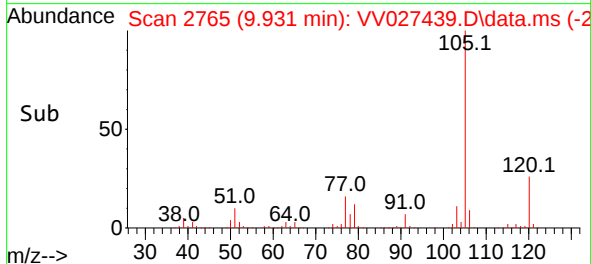
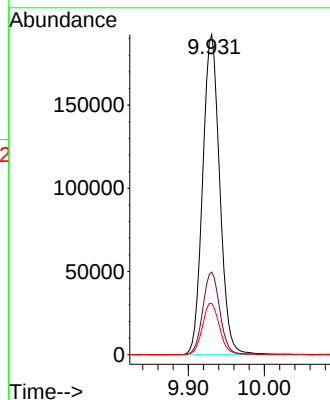
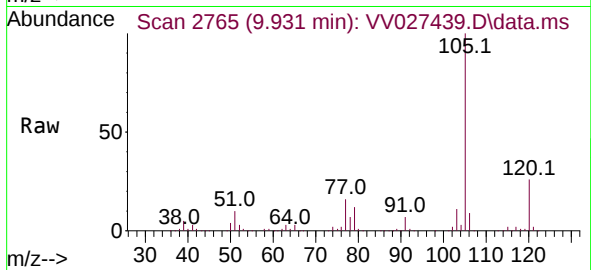




#60
Isopropylbenzene
Concen: 5.450 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

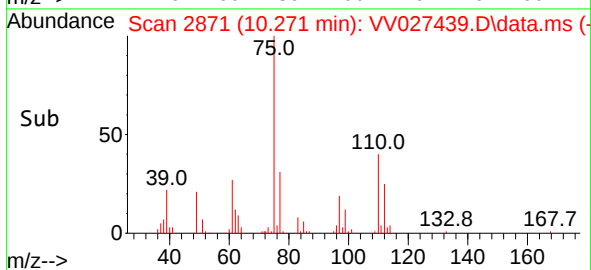
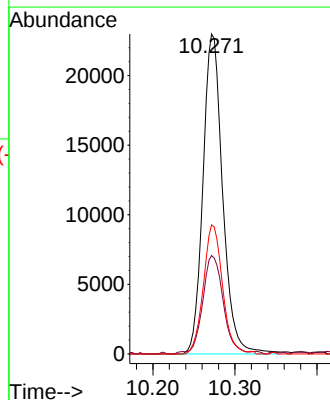
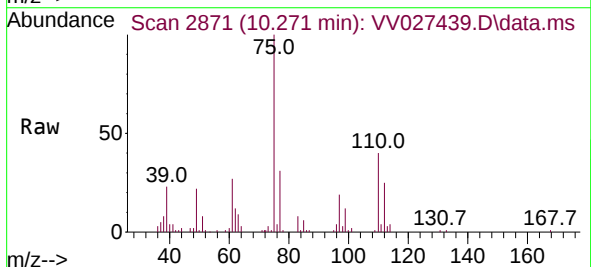
Instrument :
MSVOA_V
ClientSampleId :
VICV218

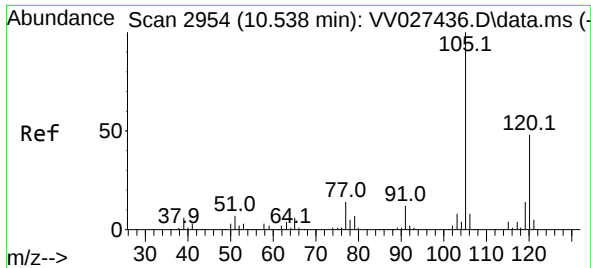
Tgt Ion:105 Resp: 299878
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.224 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 75 Resp: 38324
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 39.3 29.9 44.9

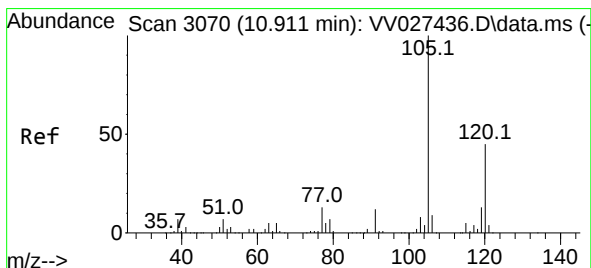
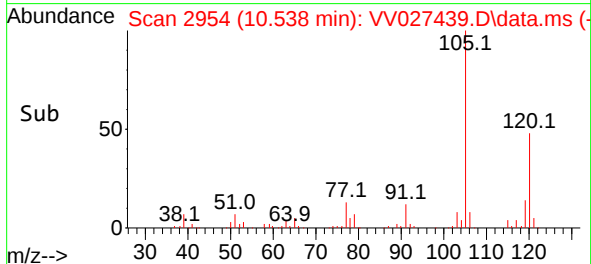
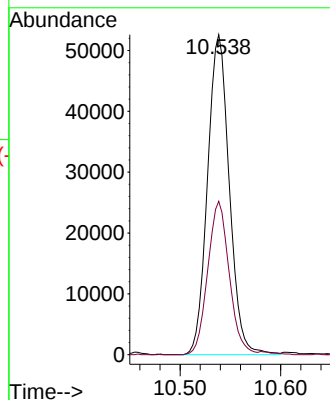
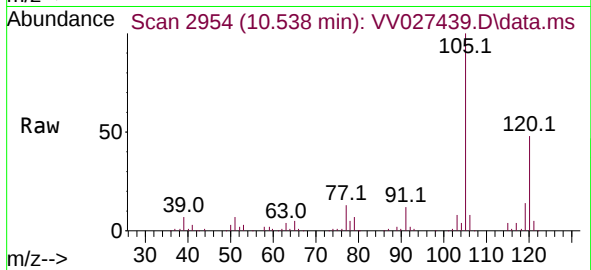




#62
1,3,5-Trimethylbenzene
Concen: 5.184 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

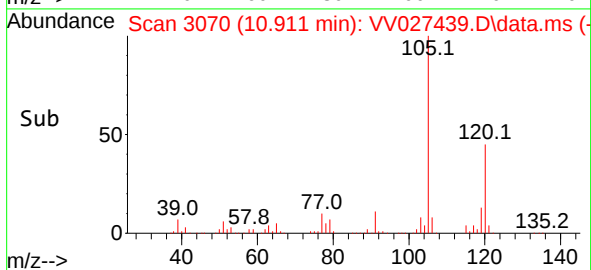
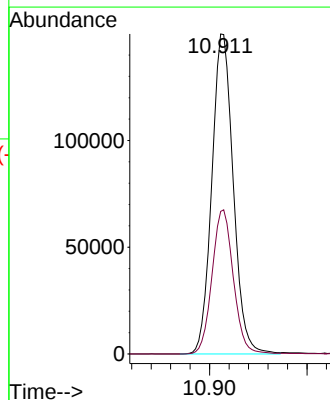
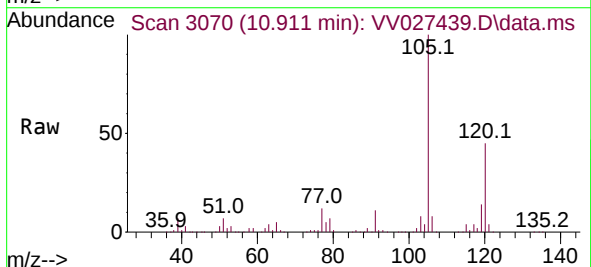
Instrument :
MSVOA_V
ClientSampleId :
VICV218

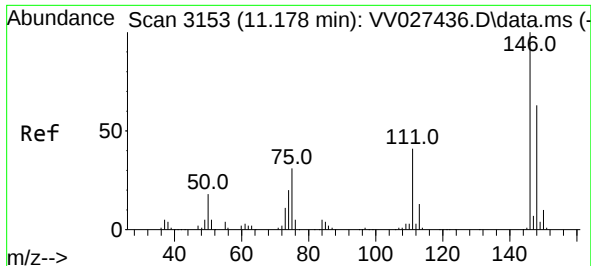
Tgt Ion:105 Resp: 79089
Ion Ratio Lower Upper
105 100
120 47.2 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.327 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion:105 Resp: 228985
Ion Ratio Lower Upper
105 100
120 45.0 35.8 53.6

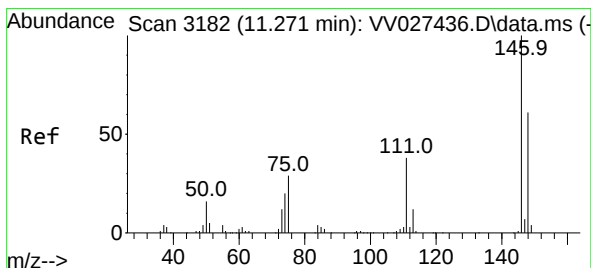
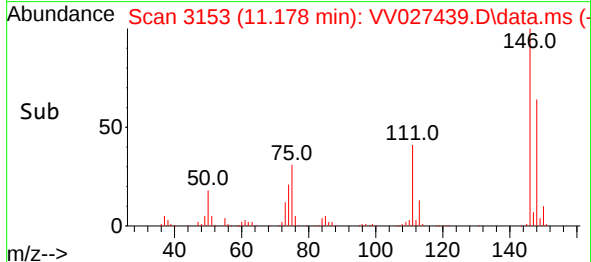
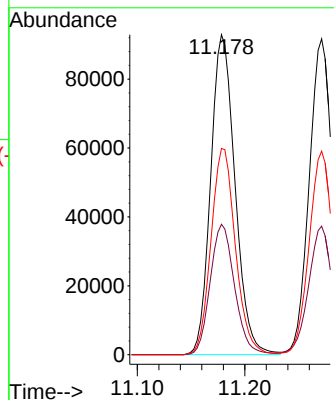
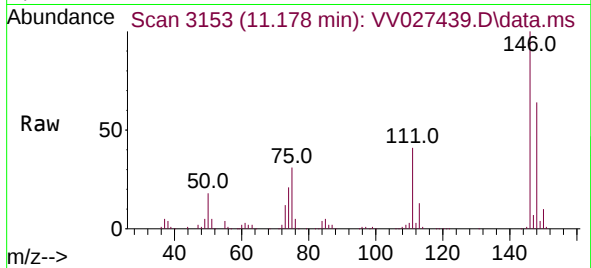




#64
1,3-Dichlorobenzene
Concen: 5.396 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

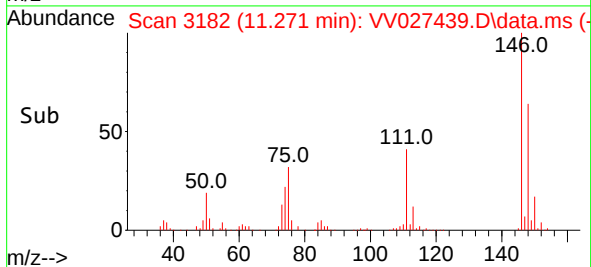
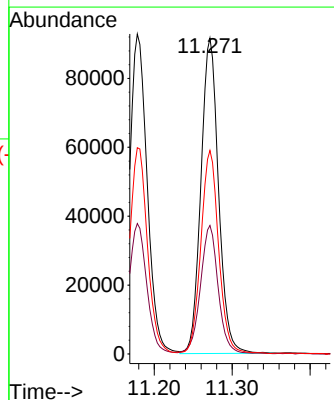
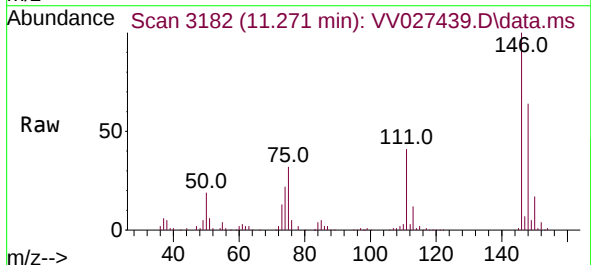
Instrument :
MSVOA_V
ClientSampleId :
VICV218

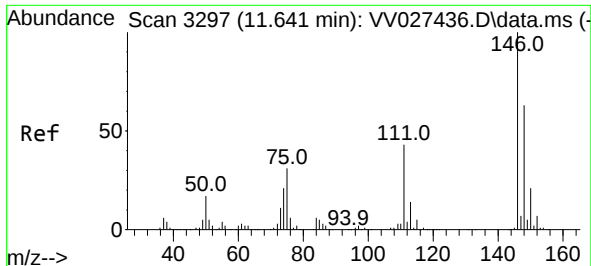
Tgt Ion:146 Resp: 146284
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.4
148 64.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.314 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion:146 Resp: 143626
Ion Ratio Lower Upper
146 100
111 40.7 26.6 49.4
148 64.4 42.6 79.0

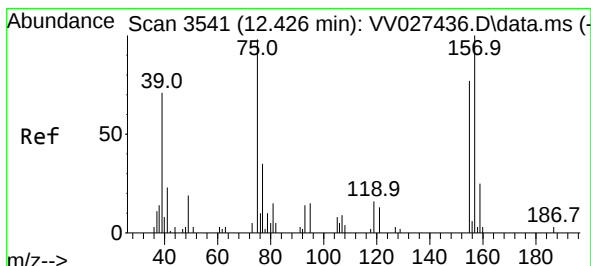
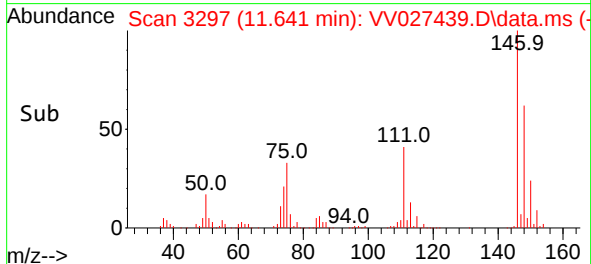
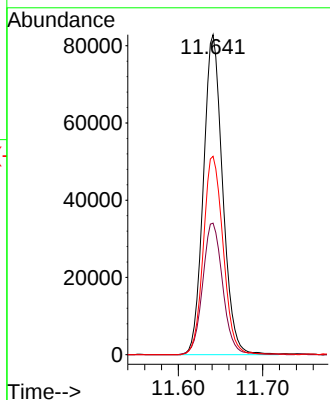
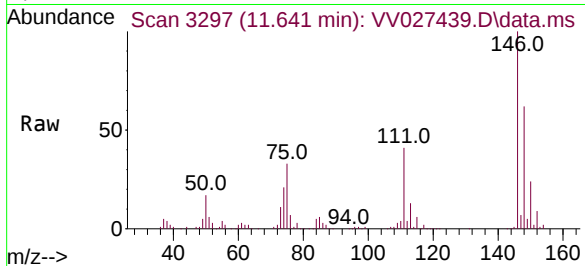




#67
1,2-Dichlorobenzene
Concen: 5.365 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

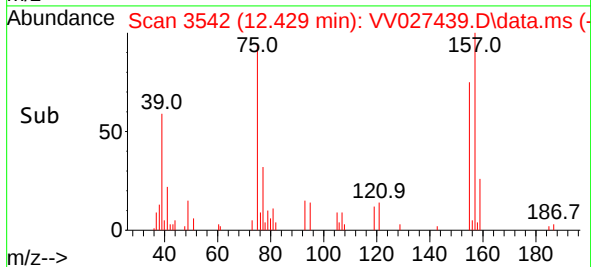
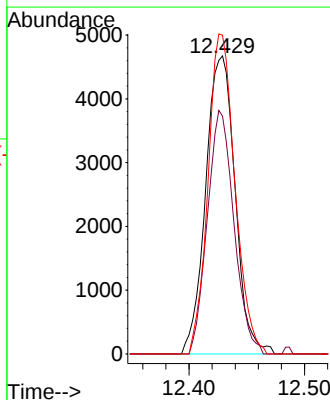
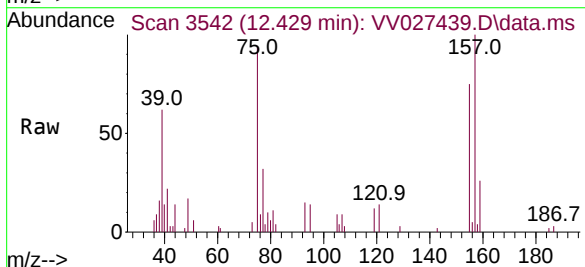
Instrument :
MSVOA_V
ClientSampleId :
VICV218

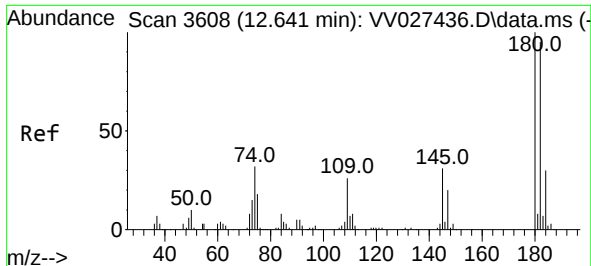
Tgt Ion:146 Resp: 131867
Ion Ratio Lower Upper
146 100
111 41.1 34.5 51.7
148 62.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.071 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027439.D
Acq: 19 Aug 2022 11:50

Tgt Ion: 75 Resp: 8265
Ion Ratio Lower Upper
75 100
155 79.8 63.1 94.7
157 106.9 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 5.378 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VICV218

Tgt Ion:180 Resp: 108834

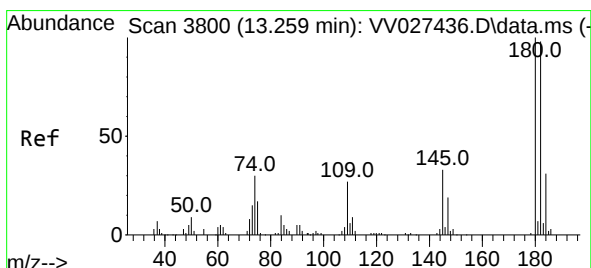
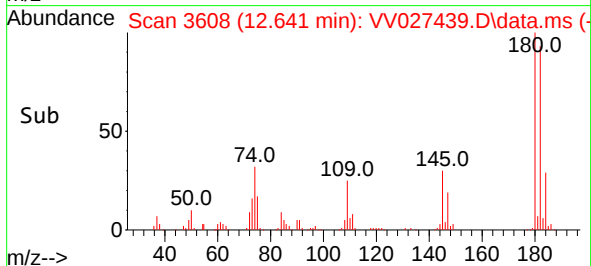
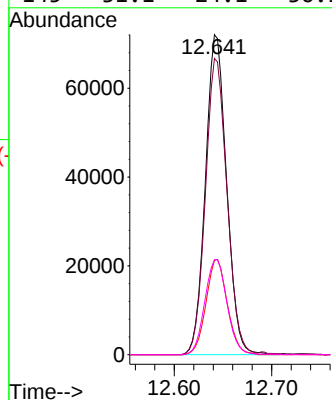
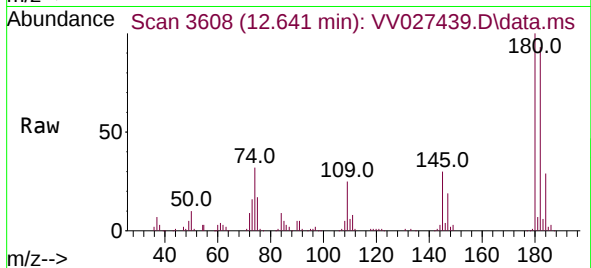
Ion Ratio Lower Upper

180 100

182 94.1 74.1 111.1

184 29.9 23.2 34.8

145 31.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.547 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

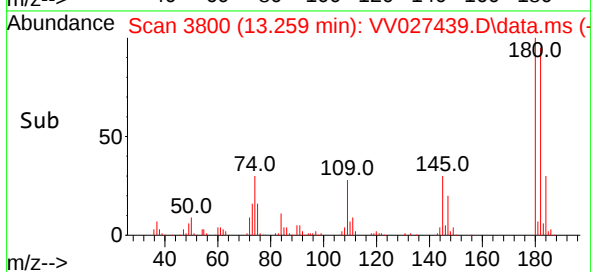
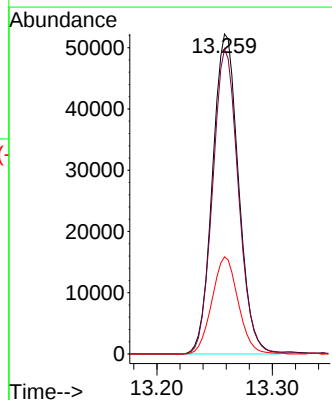
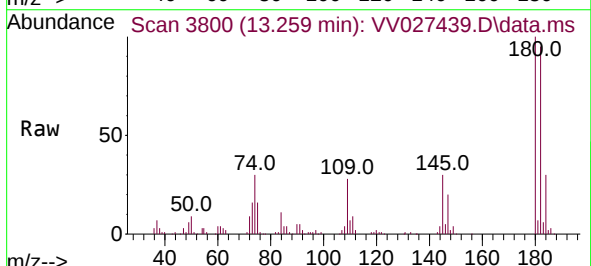
Tgt Ion:180 Resp: 81575

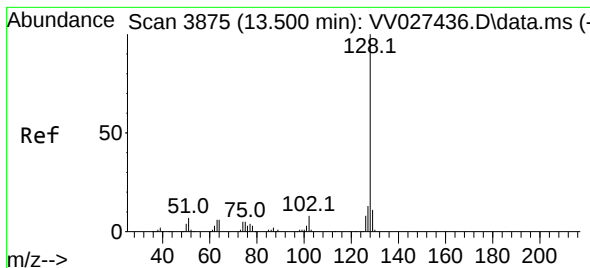
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 30.6 24.9 37.3





#71

Naphthalene

Concen: 6.348 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VICV218

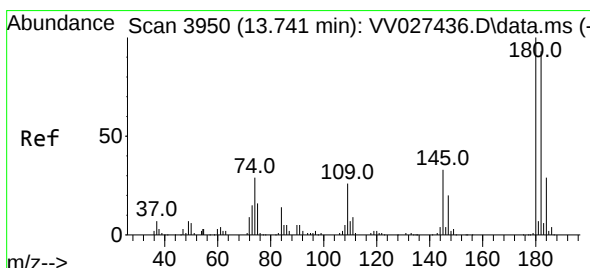
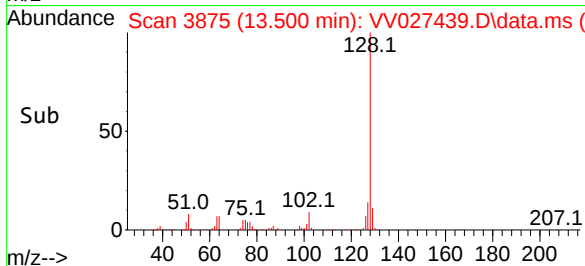
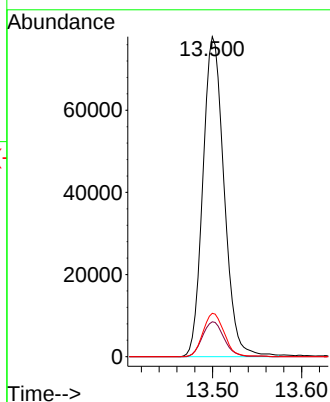
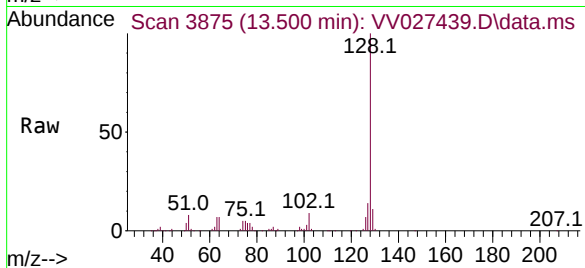
Tgt Ion:128 Resp: 128871

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.6 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.804 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027439.D

Acq: 19 Aug 2022 11:50

Tgt Ion:180 Resp: 75808

Ion Ratio Lower Upper

180 100

182 96.8 75.3 112.9

145 33.1 26.6 39.8

