

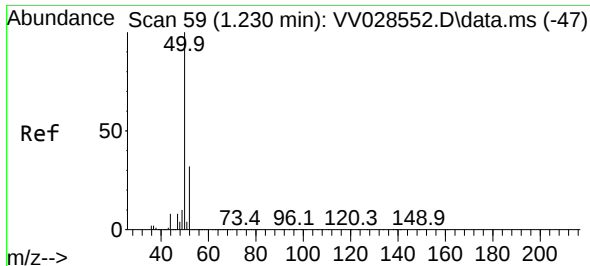
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028566.D
 Acq On : 14 Oct 2022 22:24
 Operator : SY/MD
 Sample : N5103-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBB1

Quant Time: Oct 15 03:01:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	205484	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	189851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	84467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117752	6.659	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 133.200%#		
7) Chloroethane-d5	1.564	69	93829	6.454	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 129.000%		
11) 1,1-Dichloroethene-d2	2.105	63	154813	4.833	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 96.600%		
20) 2-Butanone-d5	3.895	46	200233	52.668	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.340%		
24) Chloroform-d	4.346	84	149731	5.529	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.600%		
26) 1,2-Dichloroethane-d4	5.030	65	77619	5.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.000%		
32) Benzene-d6	5.047	84	318029	5.188	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
36) 1,2-Dichloropropane-d6	6.066	67	102582	5.185	ug/L	0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.800%		
41) Toluene-d8	7.313	98	269862	5.556	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.200%		
43) trans-1,3-Dichloroprop...	7.622	79	27349	4.092	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 81.800%		
46) 2-Hexanone-d5	8.088	63	140760	48.799	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.600%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	63119	5.358	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.200%		
66) 1,2-Dichlorobenzene-d4	11.615	152	79140	5.678	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.600%		
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1668	0.086	ug/L #	80
6) Bromomethane	1.523	94	395	0.046	ug/L	95
8) Chloroethane	1.600	64	12700	1.035	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1523	0.112	ug/L #	36
12) 1,1-Dichloroethene	2.108	96	1404	0.110	ug/L #	1
25) Chloroform	4.365	83	5286	0.186	ug/L	85
35) Methylcyclohexane	6.066	83	22793	0.854	ug/L #	17
39) cis-1,3-Dichloropropene	6.982	75	2438	0.107	ug/L #	57
61) 1,2,3-Trichloropropane	11.239	75	13246	1.755	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.541	105	560	0.030	ug/L #	67

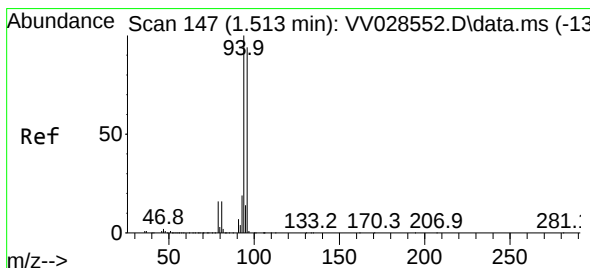
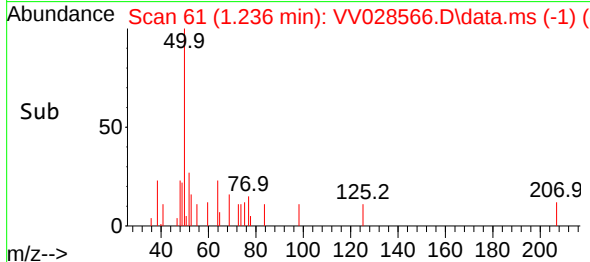
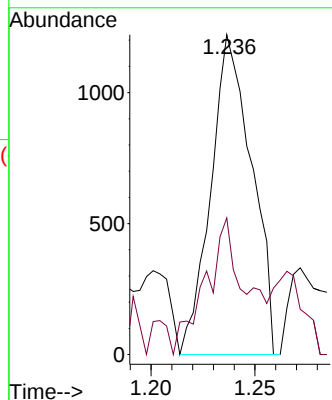
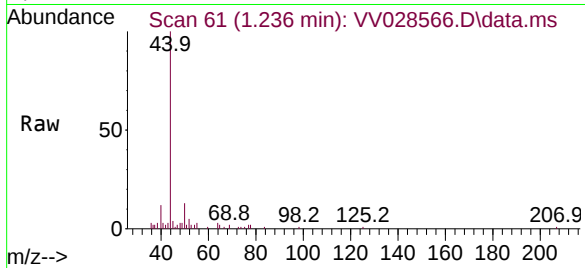
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV028566.D
Acq: 14 Oct 2022 22:24

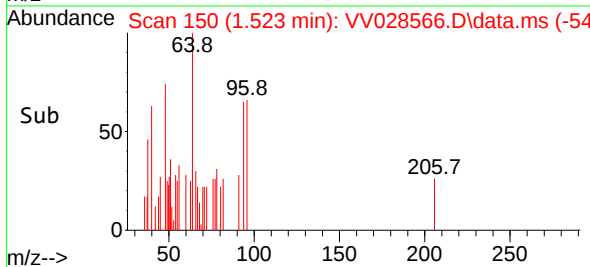
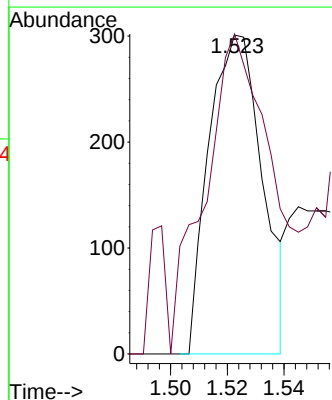
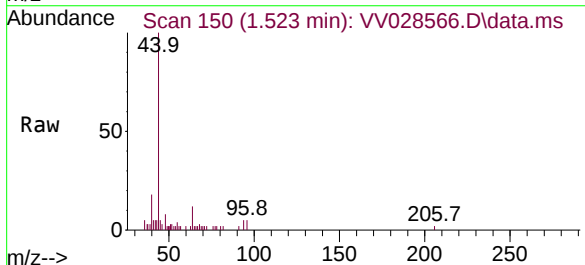
Instrument :
MSVOA_V
ClientSampleId :
C0BB1

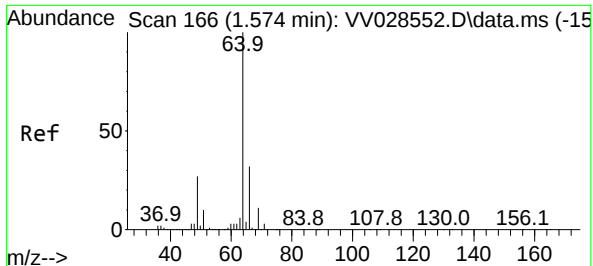
Tgt Ion: 50 Resp: 1668
Ion Ratio Lower Upper
50 100
52 42.8 22.0 41.0#



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV028566.D
Acq: 14 Oct 2022 22:24

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 100.3 67.0 124.4





#8

Chloroethane

Concen: 1.035 ug/L

RT: 1.600 min Scan# 1

Delta R.T. 0.026 min

Lab File: VV028566.D

Acq: 14 Oct 2022 22:24

Instrument :

MSVOA_V

ClientSampleId :

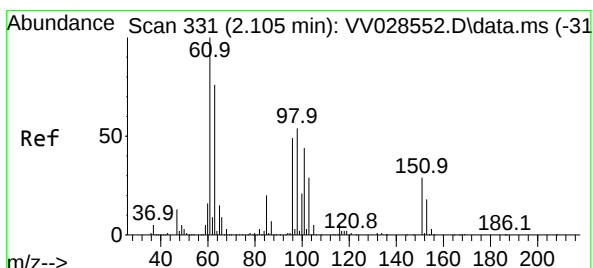
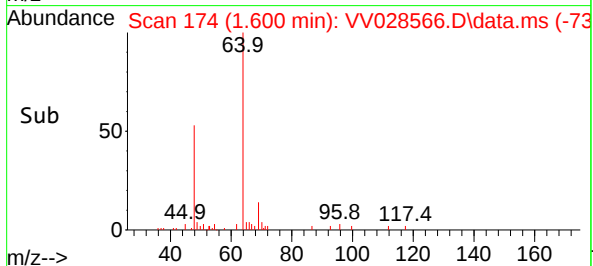
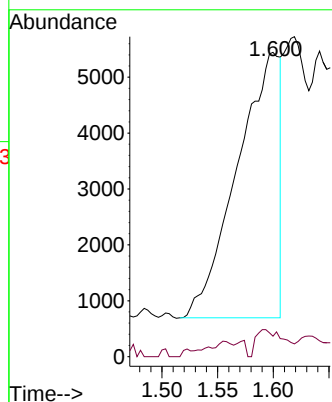
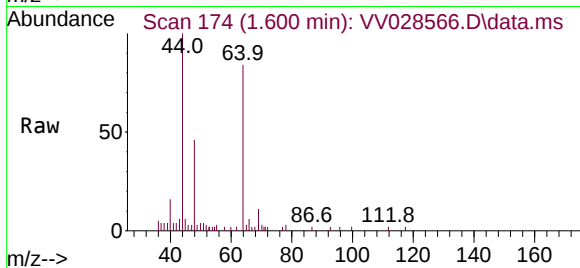
C0BB1

Tgt Ion: 64 Resp: 12700

Ion Ratio Lower Upper

64 100

66 6.7 23.0 42.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.112 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.000 min

Lab File: VV028566.D

Acq: 14 Oct 2022 22:24

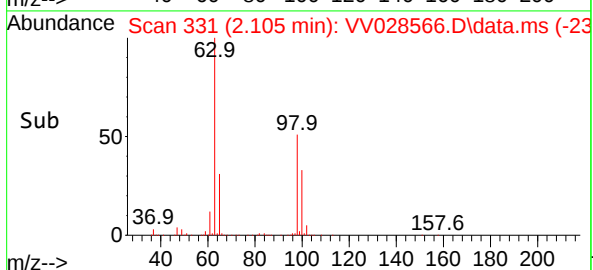
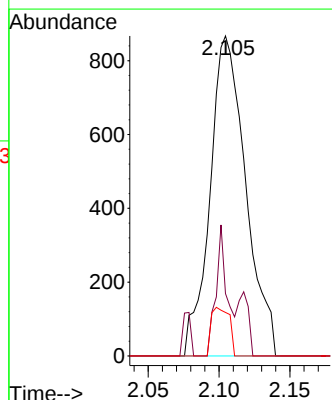
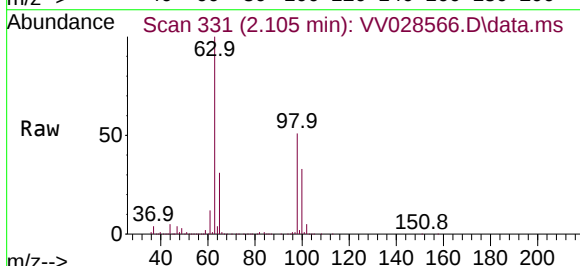
Tgt Ion:101 Resp: 1523

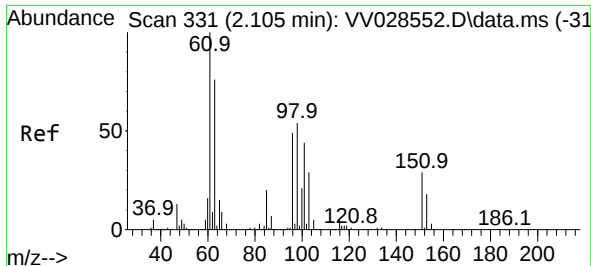
Ion Ratio Lower Upper

101 100

85 13.2 37.3 55.9#

151 7.6 52.8 79.2#

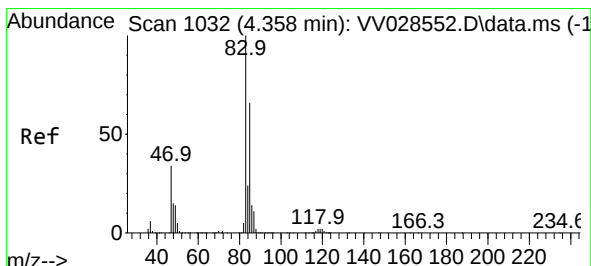
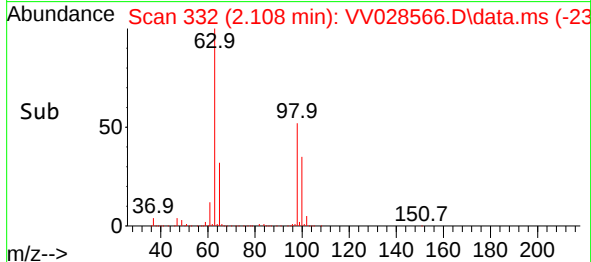
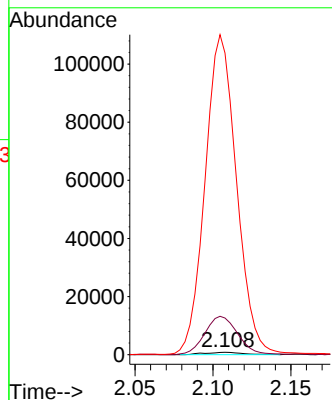
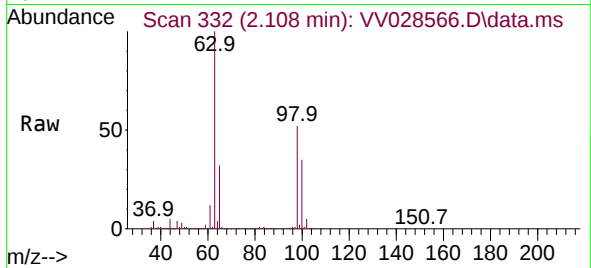




#12
1,1-Dichloroethene
Concen: 0.110 ug/L
RT: 2.108 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028566.D
Acq: 14 Oct 2022 22:24

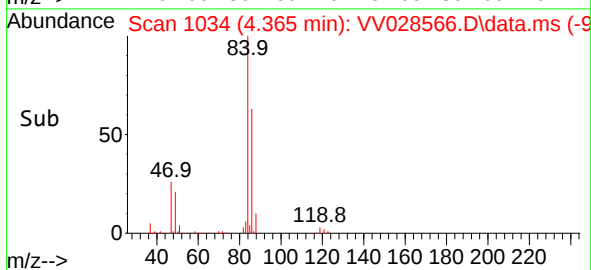
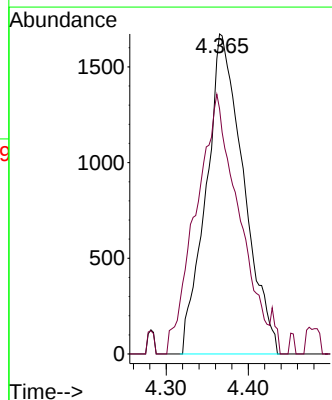
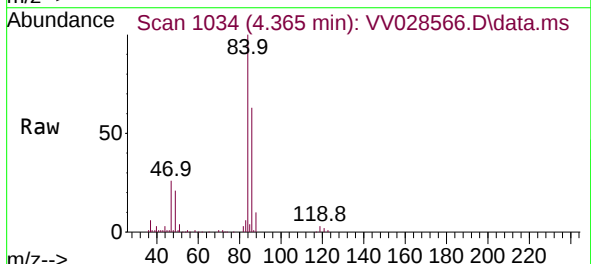
Instrument :
MSVOA_V
ClientSampleId :
C0BB1

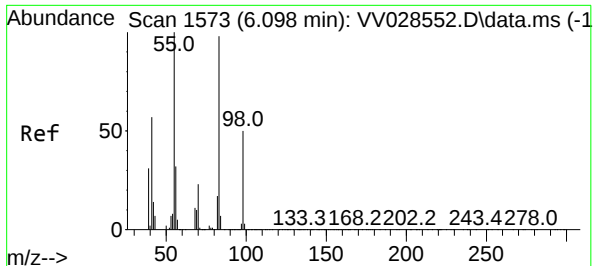
Tgt Ion: 96 Resp: 1404
Ion Ratio Lower Upper
96 100
61 1518.1 142.9 265.5#
63 12508.0 102.3 190.1#



#25
Chloroform
Concen: 0.186 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VV028566.D
Acq: 14 Oct 2022 22:24

Tgt Ion: 83 Resp: 5286
Ion Ratio Lower Upper
83 100
85 76.6 45.1 83.9





#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.032 min

Lab File: VV028566.D

Acq: 14 Oct 2022 22:24

Instrument :

MSVOA_V

ClientSampleId :

C0BB1

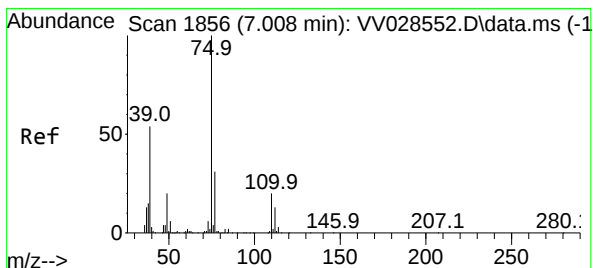
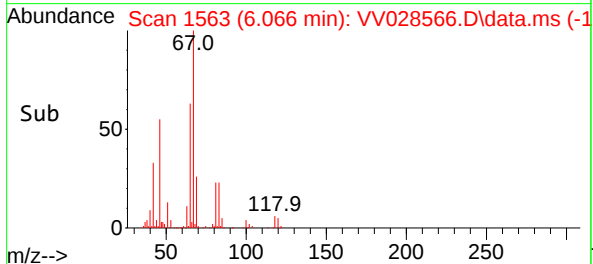
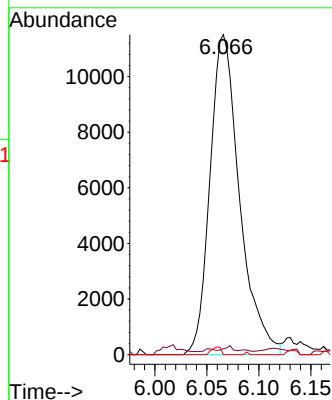
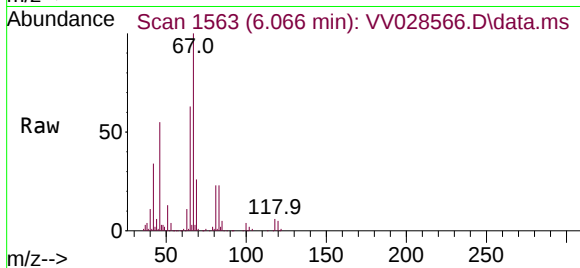
Tgt Ion: 83 Resp: 22793

Ion Ratio Lower Upper

83 100

55 0.3 65.0 97.6#

98 0.8 36.4 54.6#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.026 min

Lab File: VV028566.D

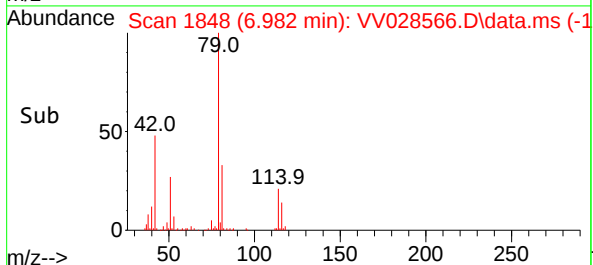
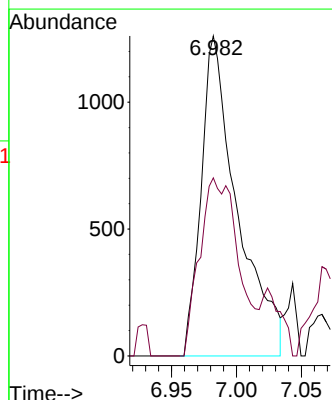
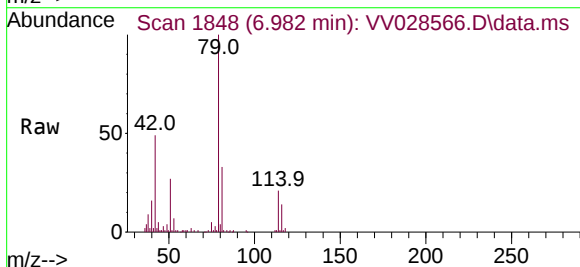
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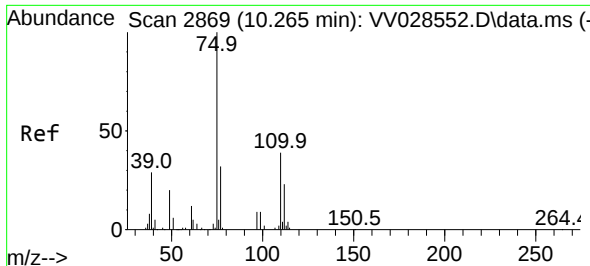
Tgt Ion: 75 Resp: 2438

Ion Ratio Lower Upper

75 100

77 55.7 22.1 41.1#

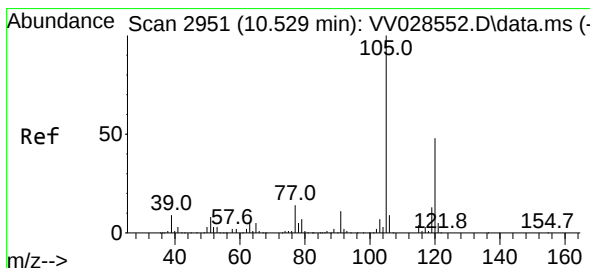
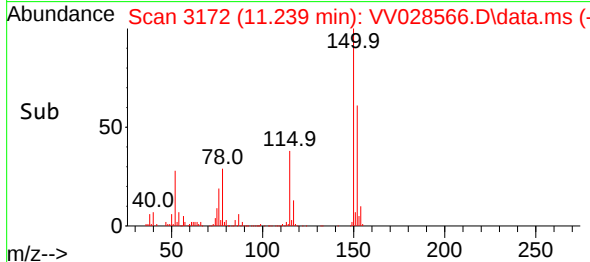
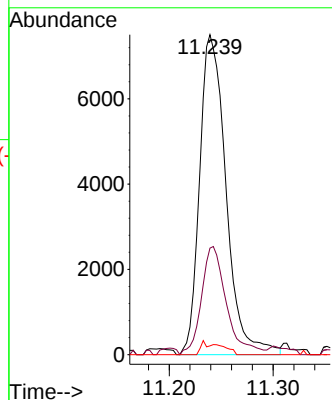
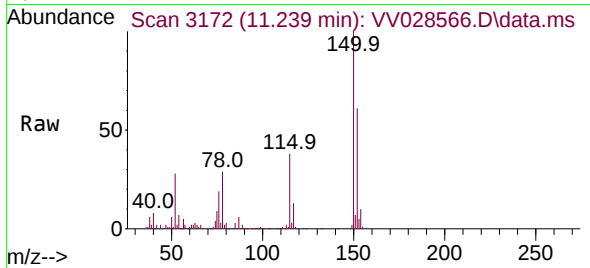




#61
 1,2,3-Trichloropropane
 Concen: 1.755 ug/L
 RT: 11.239 min Scan# 3112
 Delta R.T. 0.974 min
 Lab File: VV028566.D
 Acq: 14 Oct 2022 22:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BB1

Tgt Ion: 75 Resp: 13246
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0
 110 1.9 28.3 42.5#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.030 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.013 min
 Lab File: VV028566.D
 Acq: 14 Oct 2022 22:24

Tgt Ion: 105 Resp: 560
 Ion Ratio Lower Upper
 105 100
 120 69.8 38.0 57.0#

