

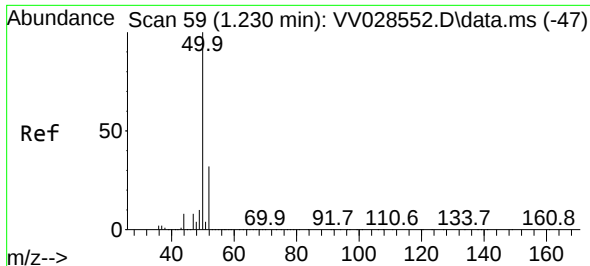
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028562.D
 Acq On : 14 Oct 2022 20:49
 Operator : SY/MD
 Sample : N5103-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBX1

Quant Time: Oct 15 03:00:39 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	201515	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	186089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	83977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90706	5.230	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5	1.565	69	71647	5.025	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.105	63	121851	3.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	3.902	46	73270	19.652	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	39.300%#	
24) Chloroform-d	4.346	84	111432	4.196	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.031	65	54275	3.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
32) Benzene-d6	5.047	84	241368	4.017	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.066	67	75541	3.896	ug/L	0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.000%	
41) Toluene-d8	7.314	98	204762	4.301	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.622	79	18022	2.751	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	55.000%	
46) 2-Hexanone-d5	8.088	63	88463	31.289	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	62.580%	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	43310	3.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.000%	
66) 1,2-Dichlorobenzene-d4	11.616	152	58426	4.216	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1315	0.069	ug/L #	70
5) Vinyl chloride	1.307	62	753	0.041	ug/L #	1
8) Chloroethane	1.577	64	3538	0.294	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1317	0.099	ug/L #	38
12) 1,1-Dichloroethene	2.108	96	1177	0.094	ug/L #	1
25) Chloroform	4.372	83	5069	0.182	ug/L	99
35) Methylcyclohexane	6.069	83	16787	0.642	ug/L #	18
53) m,p-Xylene	9.146	106	890	0.035	ug/L #	56
61) 1,2,3-Trichloropropane	11.239	75	12082	1.610	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.542	105	725	0.039	ug/L	88

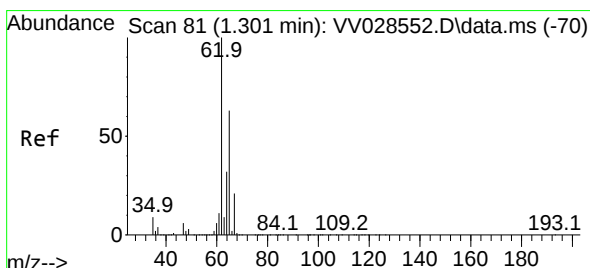
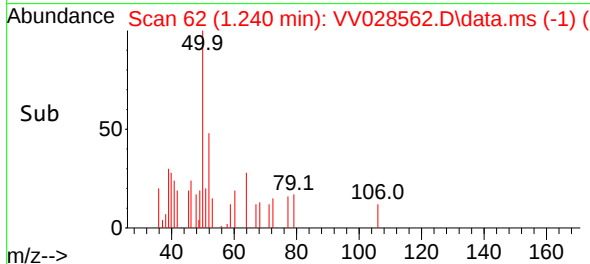
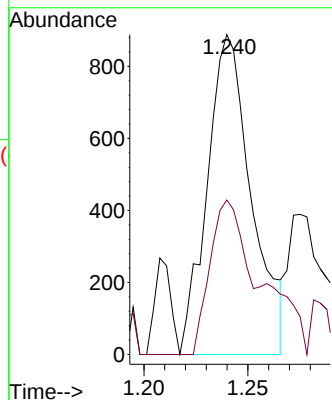
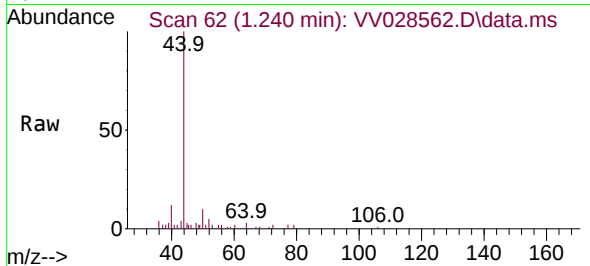
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

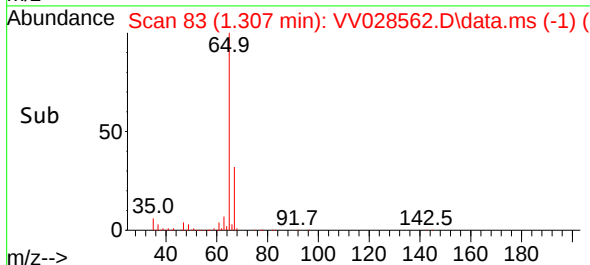
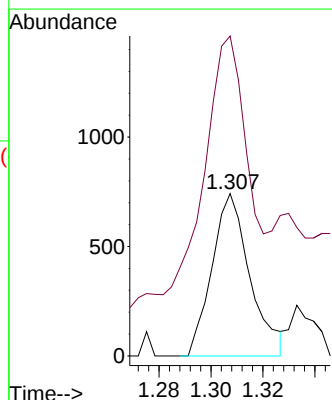
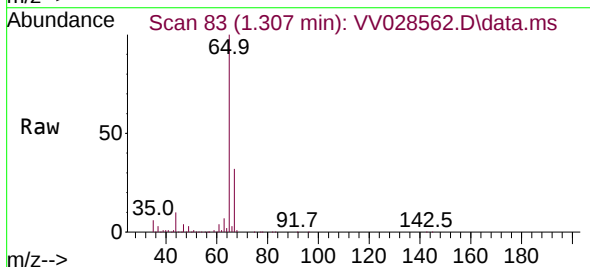
Instrument :
MSVOA_V
ClientSampleId :
C0BX1

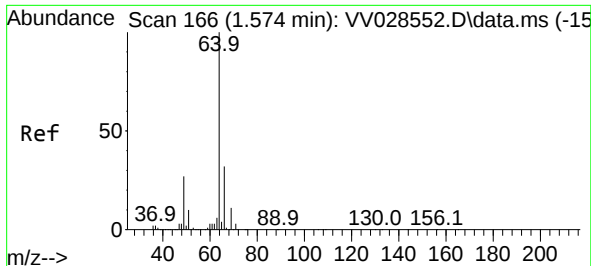
Tgt Ion: 50 Resp: 1315
Ion Ratio Lower Upper
50 100
52 48.3 22.0 41.0#



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.007 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

Tgt Ion: 62 Resp: 753
Ion Ratio Lower Upper
62 100
64 197.0 23.7 44.1#

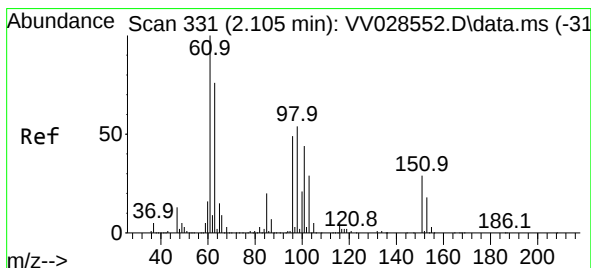
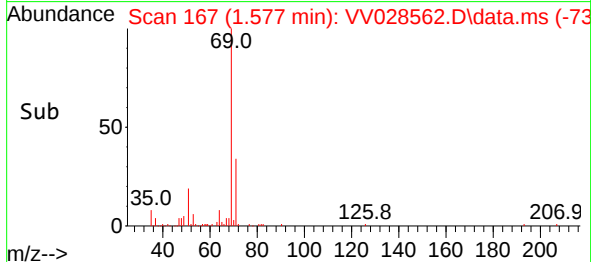
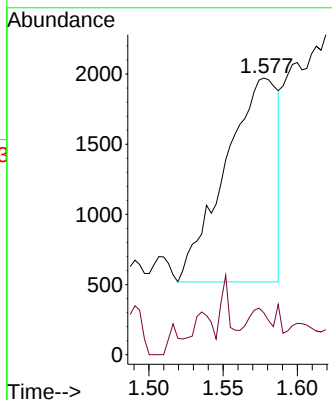
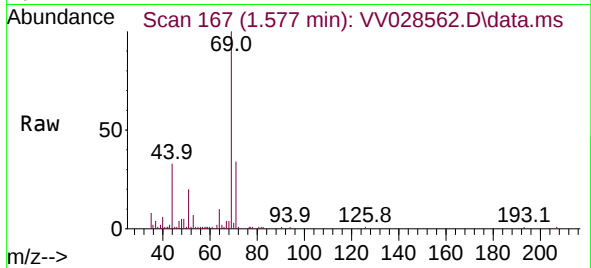




#8
Chloroethane
Concen: 0.294 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

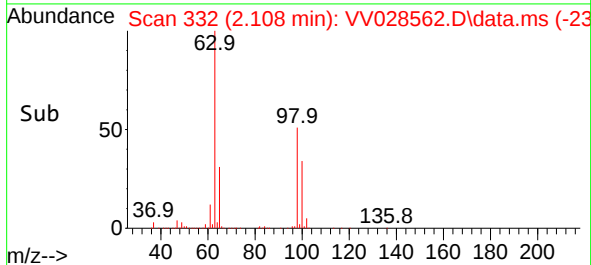
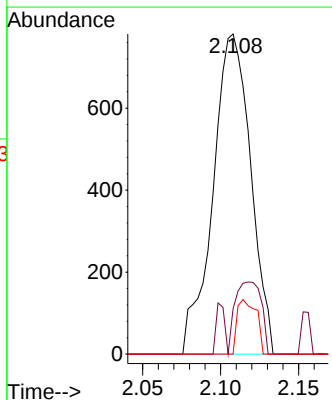
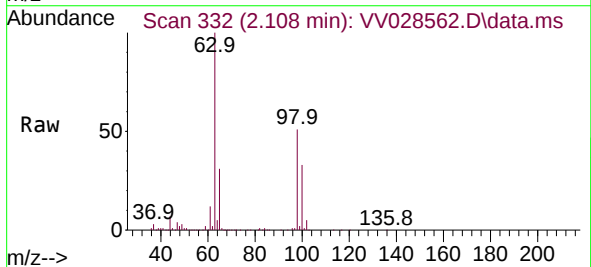
Instrument :
MSVOA_V
ClientSampleId :
C0BX1

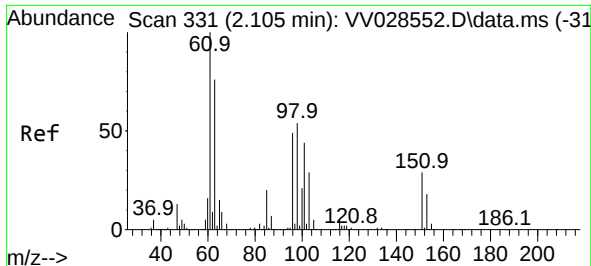
Tgt Ion: 64 Resp: 3538
Ion Ratio Lower Upper
64 100
66 15.2 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.003 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

Tgt Ion:101 Resp: 1317
Ion Ratio Lower Upper
101 100
85 15.6 37.3 55.9#
151 8.6 52.8 79.2#

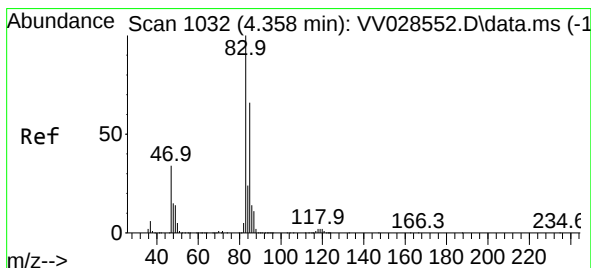
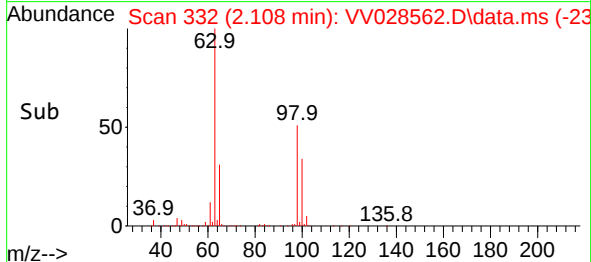
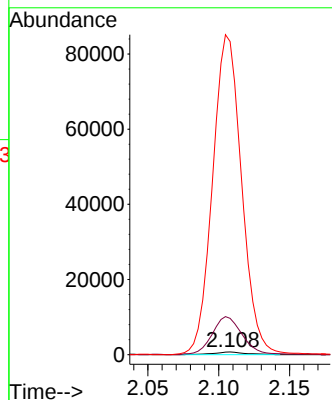
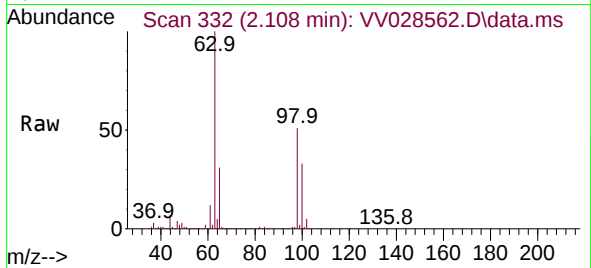




#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.108 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

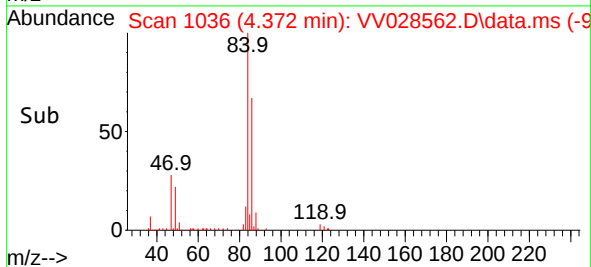
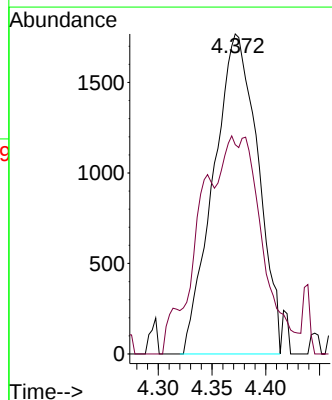
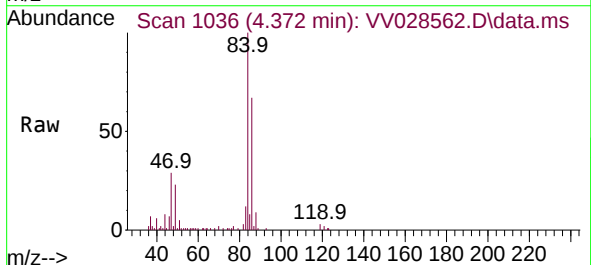
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MSVOA_V
ClientSampleId :
C0BX1

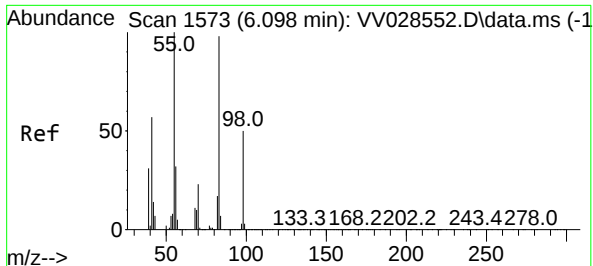
Tgt Ion: 96 Resp: 1177
Ion Ratio Lower Upper
96 100
61 1292.2 142.9 265.5#
63 11155.0 102.3 190.1#



#25
Chloroform
Concen: 0.182 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

Tgt Ion: 83 Resp: 5069
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9





#35

Methylcyclohexane

Concen: 0.642 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.029 min

Lab File: VV028562.D

Acq: 14 Oct 2022 20:49

Instrument :

MSVOA_V

ClientSampleId :

C0BX1

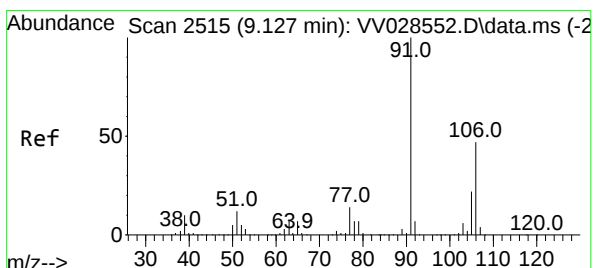
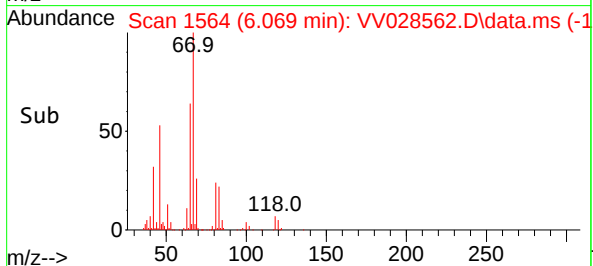
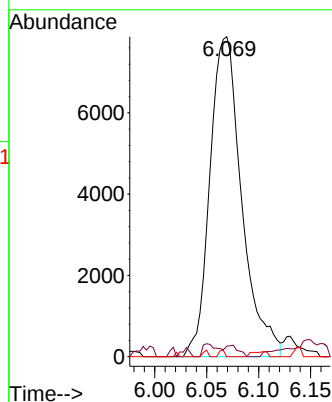
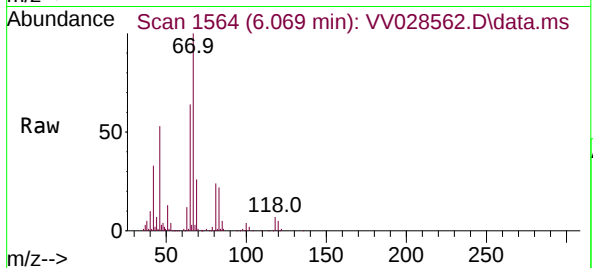
Tgt Ion: 83 Resp: 16787

Ion Ratio Lower Upper

83 100

55 1.4 65.0 97.6#

98 0.3 36.4 54.6#



#53

m,p-Xylene

Concen: 0.035 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.019 min

Lab File: VV028562.D

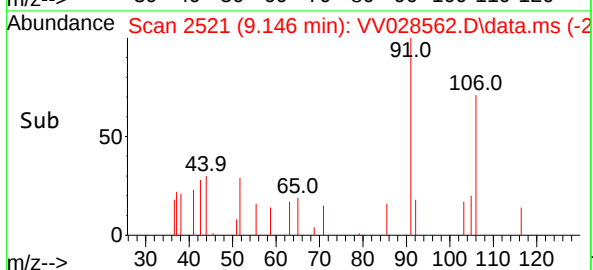
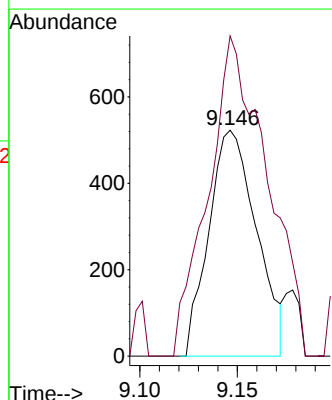
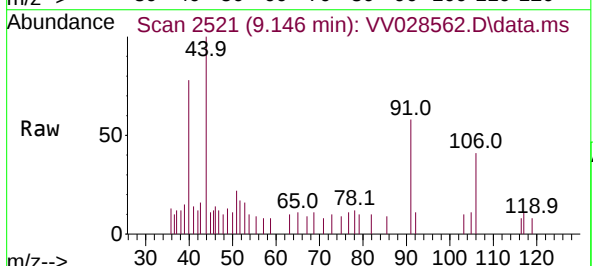
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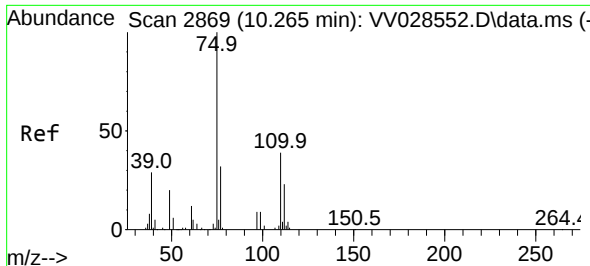
Tgt Ion: 106 Resp: 890

Ion Ratio Lower Upper

106 100

91 141.7 146.9 272.9#

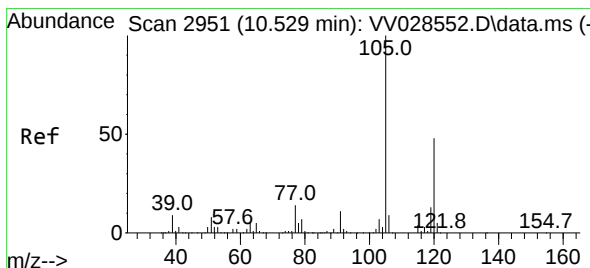
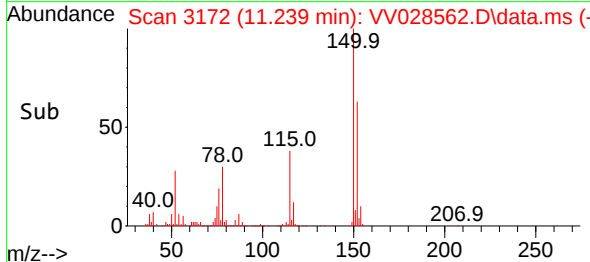
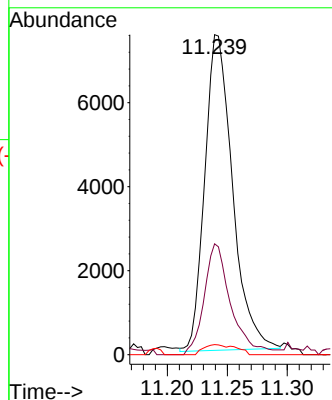
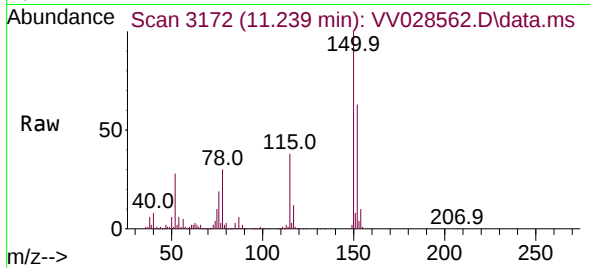




#61
1,2,3-Trichloropropane
Concen: 1.610 ug/L
RT: 11.239 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

Instrument :
MSVOA_V
ClientSampleId :
C0BX1

Tgt Ion: 75 Resp: 12082
Ion Ratio Lower Upper
75 100
77 33.9 24.6 37.0
110 3.7 28.3 42.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.039 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.013 min
Lab File: VV028562.D
Acq: 14 Oct 2022 20:49

Tgt Ion: 105 Resp: 725
Ion Ratio Lower Upper
105 100
120 39.3 38.0 57.0

