

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027312.D
 Acq On : 12 Aug 2022 06:01
 Operator : SY/MD
 Sample : NN4162-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 06:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 02:11:44 2022
 Response via : Initial Calibration

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

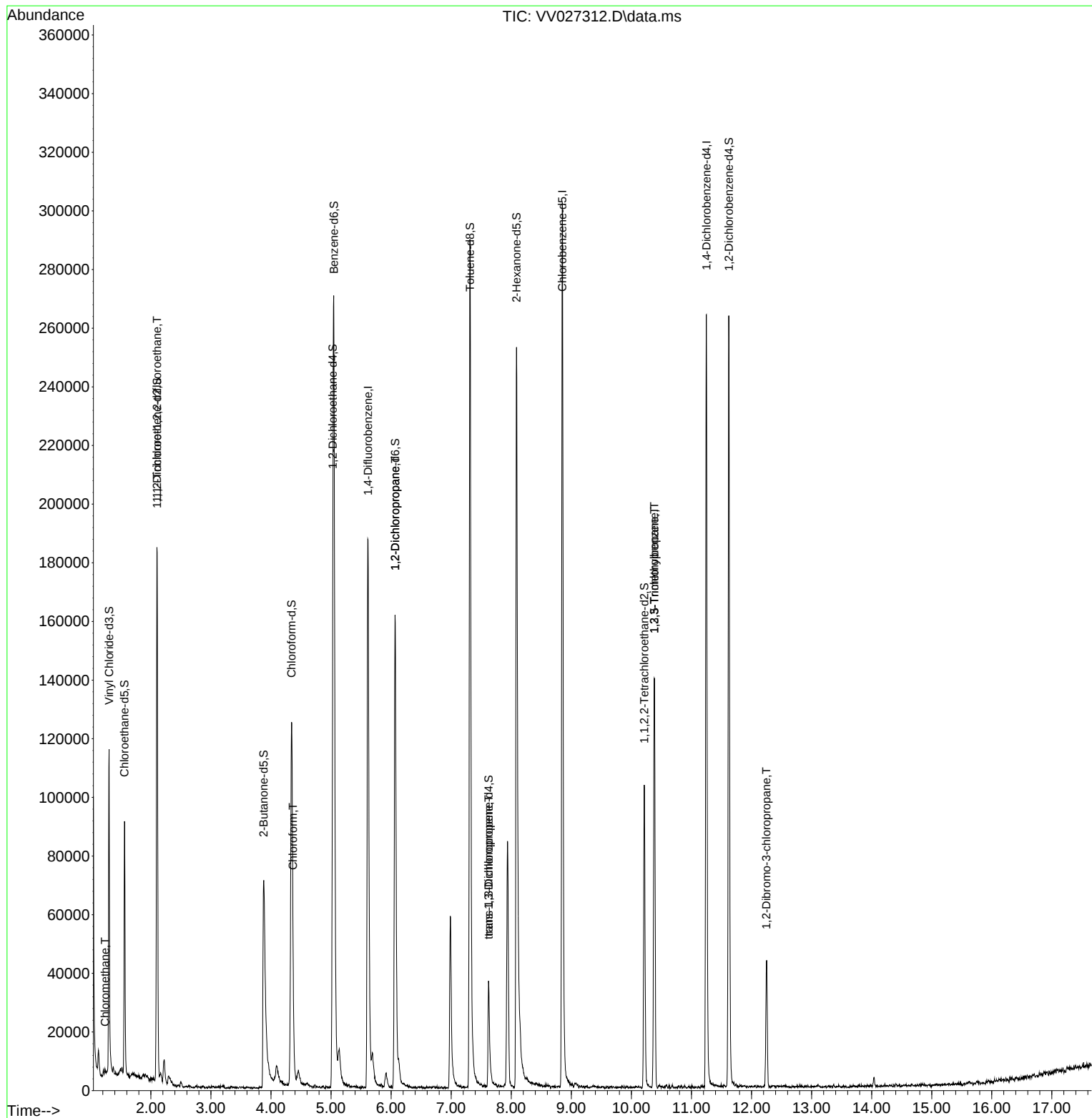
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	154188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74571	5.567	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.400%		
7) Chloroethane-d5	1.561	69	52693	5.416	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.400%		
11) 1,1-Dichloroethene-d2	2.101	63	97427	4.010	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.200%		
20) 2-Butanone-d5	3.876	46	123697	54.524	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.040%		
24) Chloroform-d	4.342	84	128609	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
26) 1,2-Dichloroethane-d4	5.031	65	61817	5.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
32) Benzene-d6	5.047	84	235917	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	6.066	67	77050	4.996	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.000%		
41) Toluene-d8	7.313	98	198256	4.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.800%		
43) trans-1,3-Dichloroprop...	7.622	79	22307	4.175	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 83.600%		
46) 2-Hexanone-d5	8.088	63	83900	40.580	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 81.160%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48564	4.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 87.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	65187	5.507	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1081	0.059	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	967	0.090	ug/L #	21
25) Chloroform	4.365	83	2426	0.090	ug/L #	69
37) 1,2-Dichloropropane	6.066	63	8745	0.612	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	1109	0.073	ug/L #	54
61) 1,2,3-Trichloropropane	10.381	75	1366	0.207	ug/L #	59
62) 1,3,5-Trimethylbenzene	10.381	105	669	0.056	ug/L #	58
68) 1,2-Dibromo-3-chloropr...	12.246	75	1479	1.072	ug/L #	6

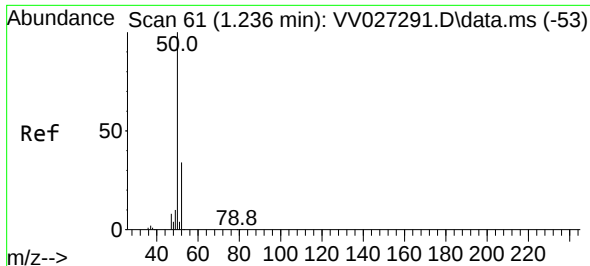
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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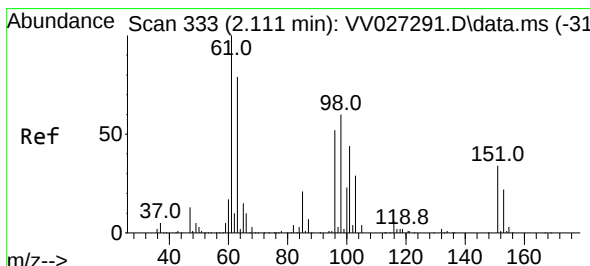
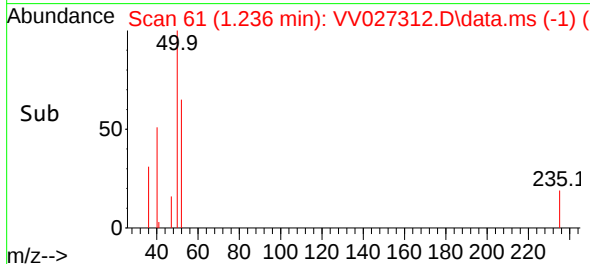
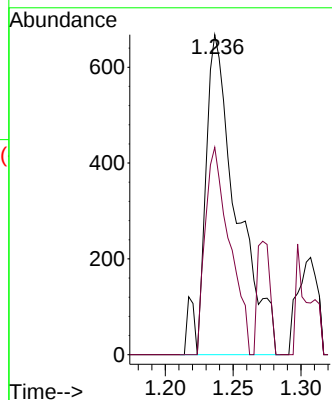
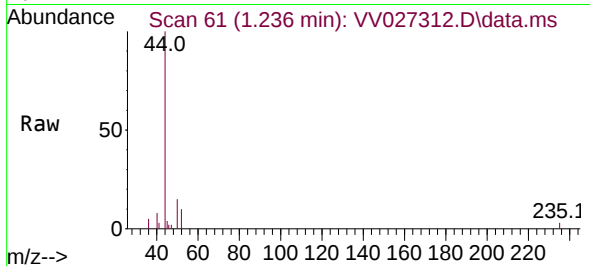




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027312.D
Acq: 12 Aug 2022 06:01

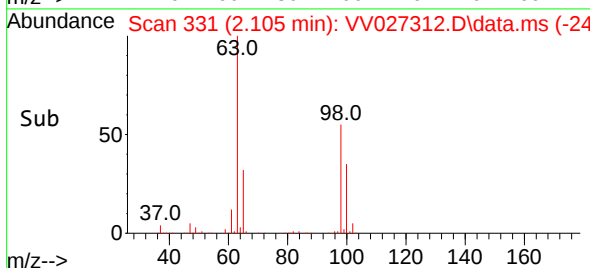
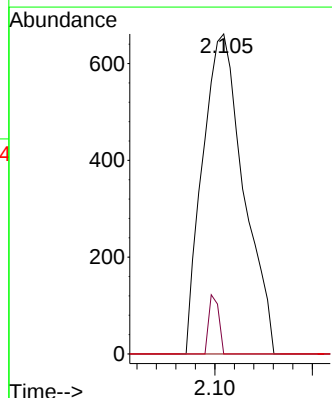
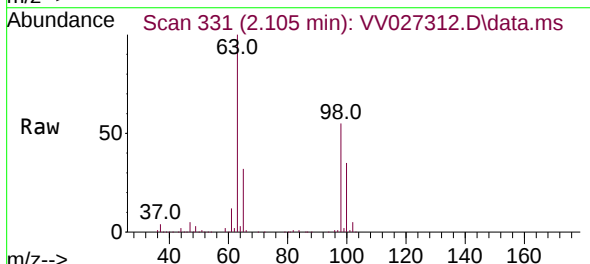
Instrument :
MSVOA_V
ClientSampleId :

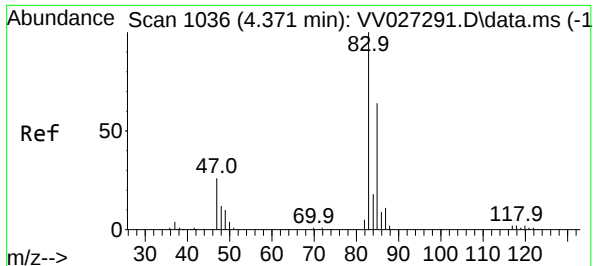
Tgt Ion: 50 Resp: 1081
Ion Ratio Lower Upper
50 100
52 64.8 23.4 43.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV027312.D
Acq: 12 Aug 2022 06:01

Tgt Ion: 101 Resp: 967
Ion Ratio Lower Upper
101 100
85 4.4 36.2 54.4#
151 0.0 62.0 93.0#





#25

Chloroform

Concen: 0.090 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VV027312.D

Acq: 12 Aug 2022 06:01

Instrument :

MSVOA_V

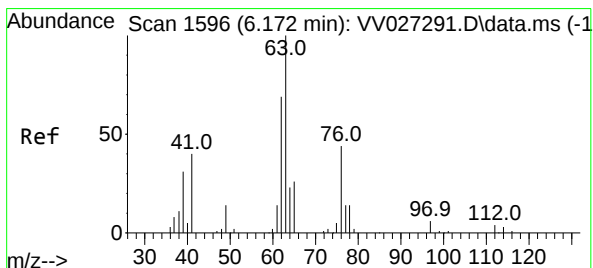
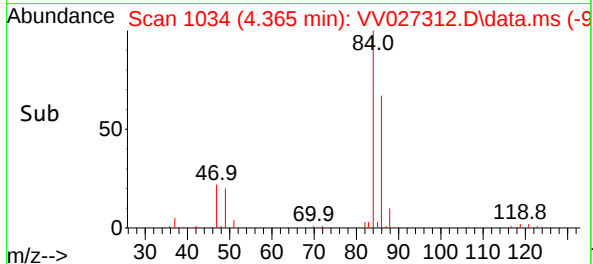
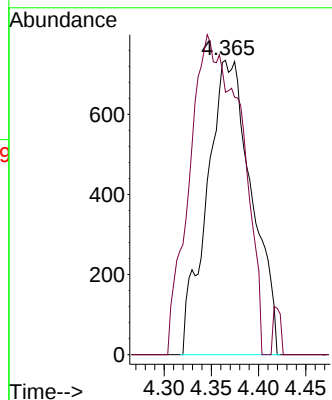
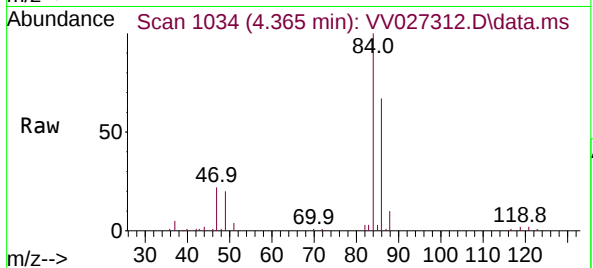
ClientSampleId :

Tgt Ion: 83 Resp: 2426

Ion Ratio Lower Upper

83 100

85 89.1 45.2 84.0#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV027312.D

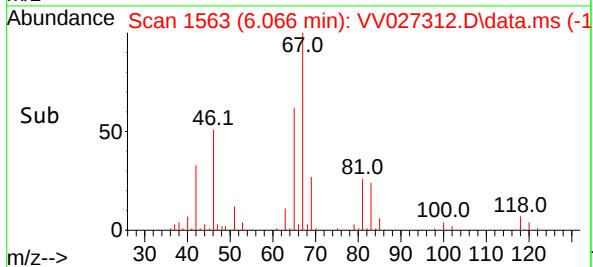
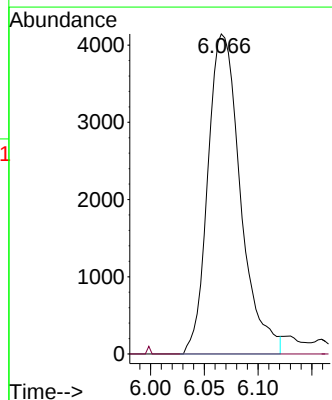
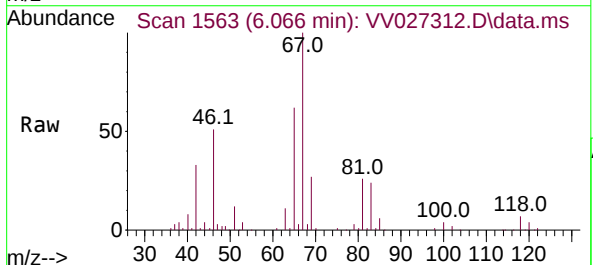
Acq: 12 Aug 2022 06:01

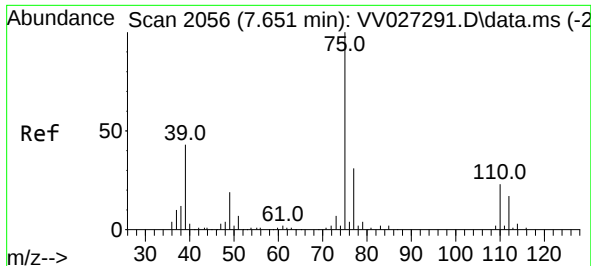
Tgt Ion: 63 Resp: 8745

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#

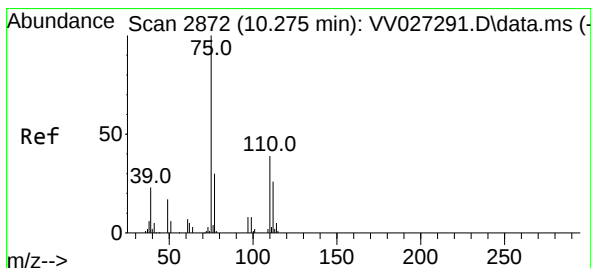
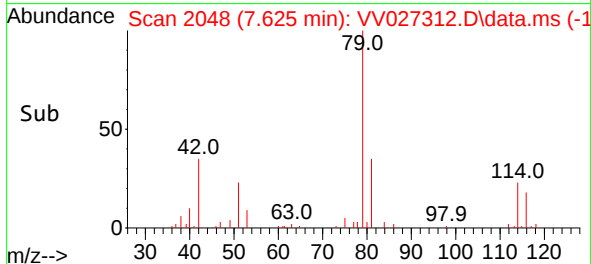
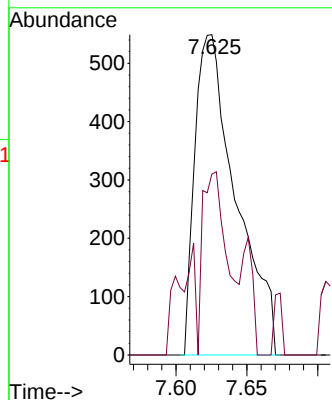
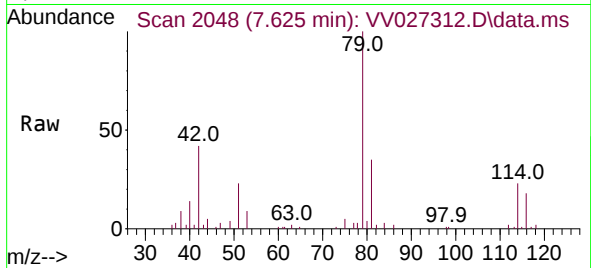




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV027312.D
Acq: 12 Aug 2022 06:01

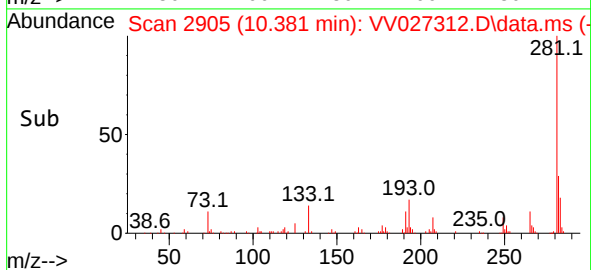
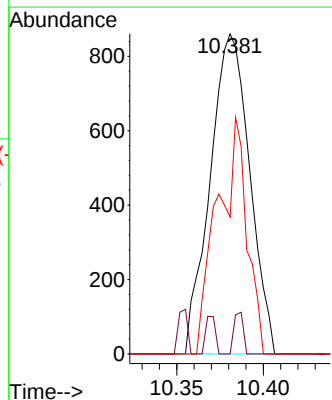
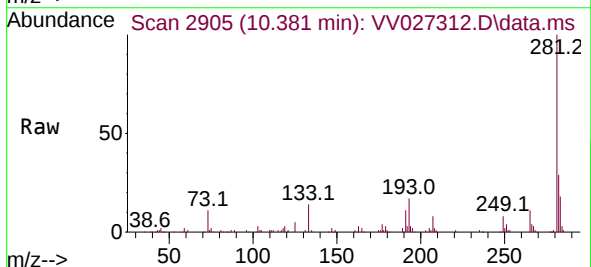
Instrument :
MSVOA_V
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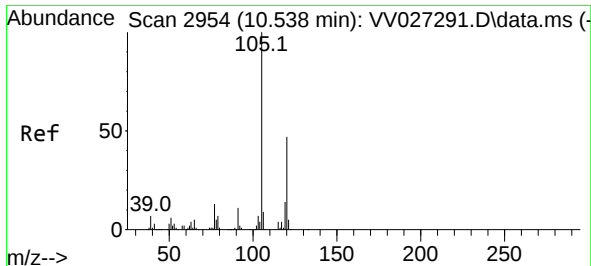
Tgt Ion: 75 Resp: 1109
Ion Ratio Lower Upper
75 100
77 56.5 21.9 40.7#



#61
1,2,3-Trichloropropane
Concen: 0.207 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.106 min
Lab File: VV027312.D
Acq: 12 Aug 2022 06:01

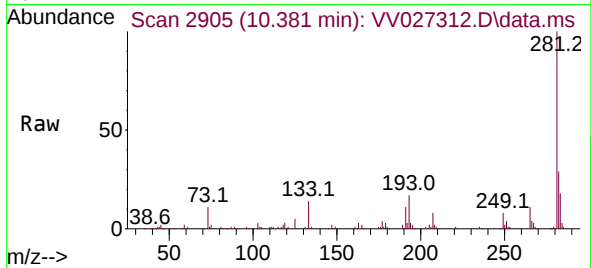
Tgt Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 54.6 31.0 46.6#



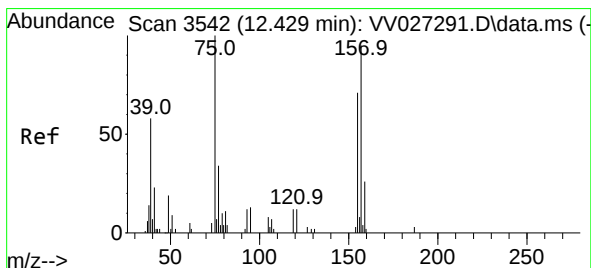
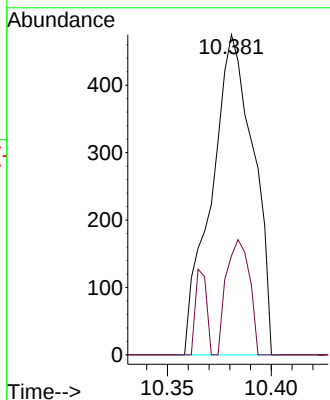
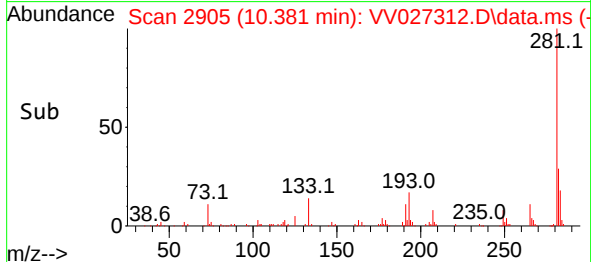


#62
 1,3,5-Trimethylbenzene
 Concen: 0.056 ug/L
 RT: 10.381 min Scan# 2954
 Delta R.T. -0.157 min
 Lab File: VV027312.D
 Acq: 12 Aug 2022 06:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 669
 Ion Ratio Lower Upper
 105 100
 120 19.7 38.2 57.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.072 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.183 min
 Lab File: VV027312.D
 Acq: 12 Aug 2022 06:01

Tgt Ion: 75 Resp: 1479
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.6#
 157 0.0 73.0 109.4#

