

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033969.D
 Acq On : 02 Feb 2024 14:52
 Operator : SY/MD
 Sample : P1348-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 03:36:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 03 01:42:15 2024
 Response via : Initial Calibration

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

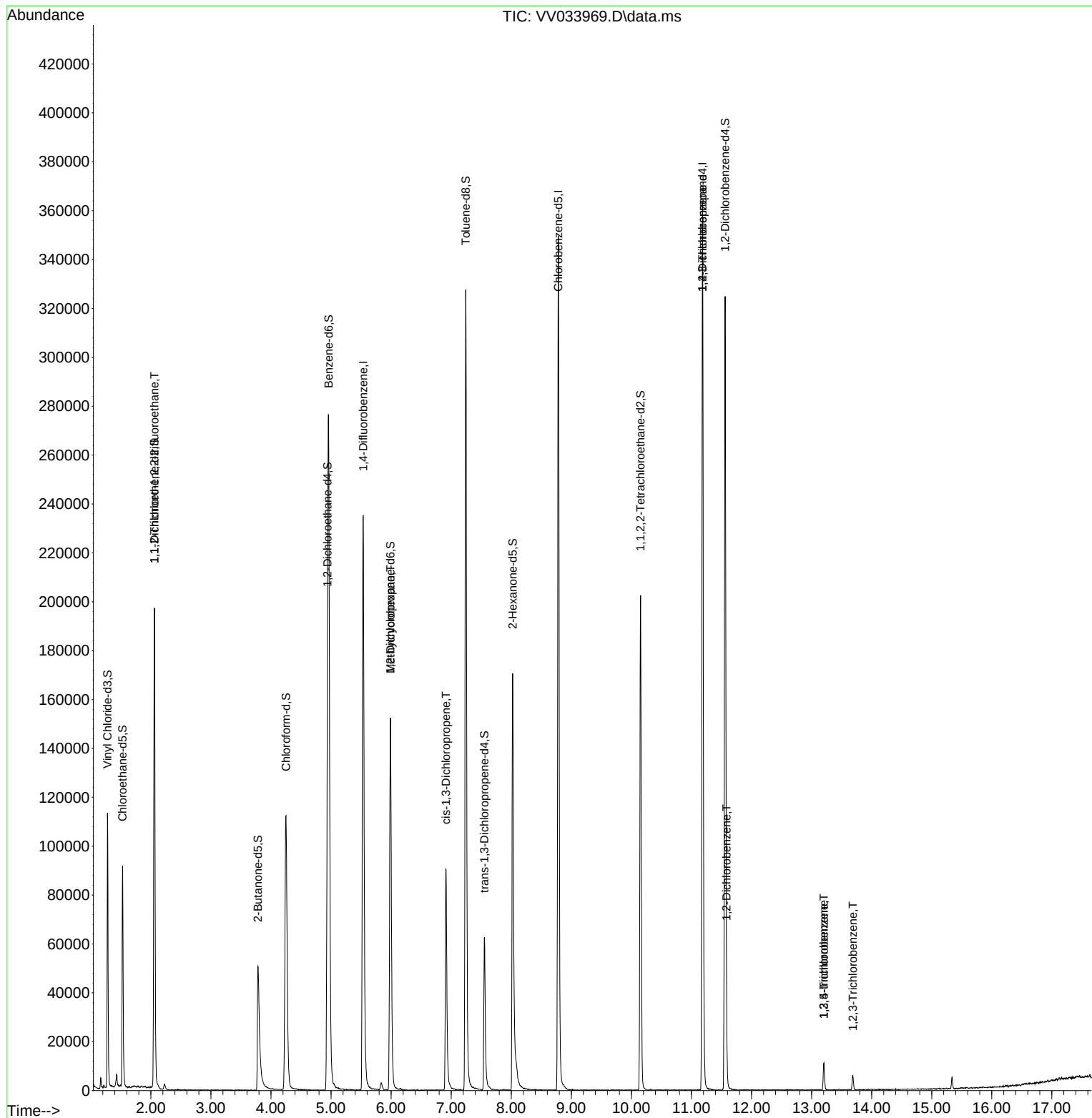
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	200774	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	91659	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	73907	47.897	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.800%		
7) Chloroethane-d5	1.529	69	58681	48.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.040%		
11) 1,1-Dichloroethene-d2	2.060	65	33079	49.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.620%		
21) 2-Butanone-d5	3.783	46	85662	80.936	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.940%		
24) Chloroform-d	4.249	84	120155	43.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	4.941	65	85238	47.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.620%		
32) Benzene-d6	4.960	84	236756	45.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
36) 1,2-Dichloropropane-d6	5.989	67	71074	41.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.340%		
41) Toluene-d8	7.243	98	213407	45.163	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.320%		
43) trans-1,3-Dichloroprop...	7.555	79	35870	42.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.080%		
47) 2-Hexanone-d5	8.024	63	57120	79.769	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.770%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	91887	41.694	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.380%		
66) 1,2-Dichlorobenzene-d4	11.561	152	80543	46.315	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	940	0.736	ug/L #	21
35) Methylcyclohexane	5.989	83	18220	7.325	ug/L #	16
39) cis-1,3-Dichloropropene	6.912	75	2666	1.071	ug/L	87
61) 1,2,3-Trichloropropane	11.185	75	11103	6.825	ug/L #	67
67) 1,2-Dichlorobenzene	11.583	146	3793	1.386	ug/L	91
69) 1,3,5-Trichlorobenzene	13.204	180	3736	1.805	ug/L #	95
70) 1,2,4-trichlorobenzene	13.204	180	3736	1.988	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	2342	1.336	ug/L	92

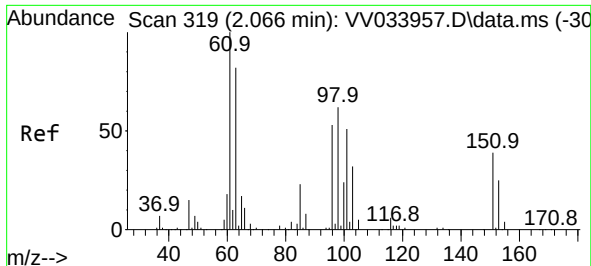
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 03 01:42:15 2024
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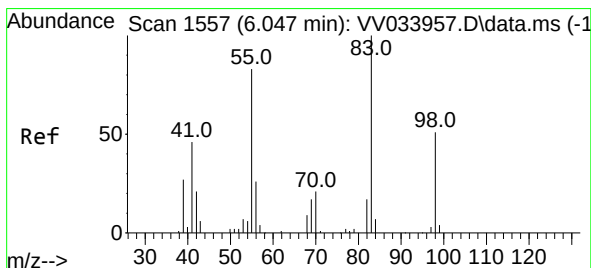
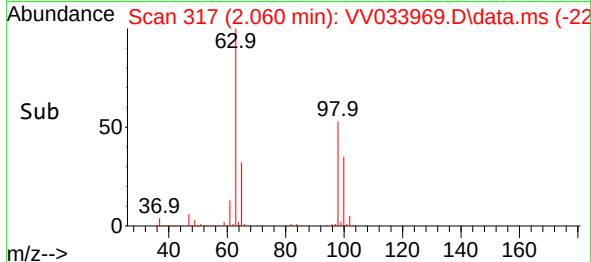
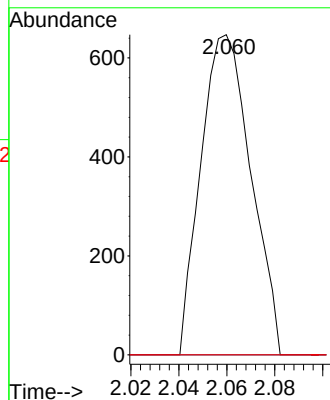
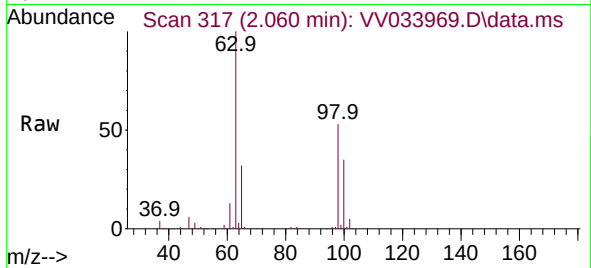




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.736 ug/L
 RT: 2.060 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV033969.D
 Acq: 02 Feb 2024 14:52

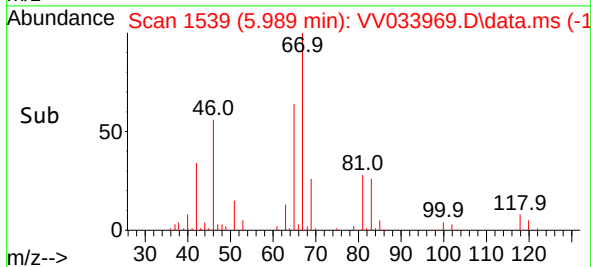
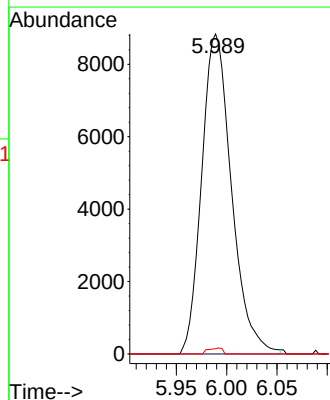
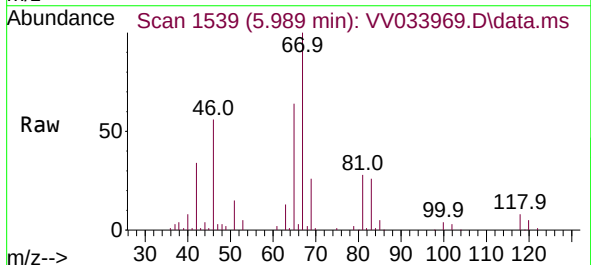
Instrument :
 MSVOA_V
 ClientSampleId :

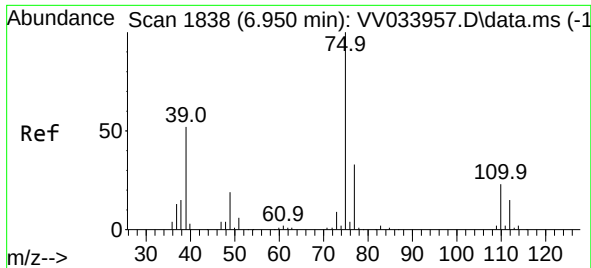
Tgt Ion:101 Resp: 940
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.2 54.4#
 151 0.0 56.5 84.7#



#35
 Methylcyclohexane
 Concen: 7.325 ug/L
 RT: 5.989 min Scan# 1539
 Delta R.T. -0.058 min
 Lab File: VV033969.D
 Acq: 02 Feb 2024 14:52

Tgt Ion: 83 Resp: 18220
 Ion Ratio Lower Upper
 83 100
 55 0.0 67.1 100.7#
 98 0.5 37.7 56.5#





#39

cis-1,3-Dichloropropene

Concen: 1.071 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV033969.D

Acq: 02 Feb 2024 14:52

Instrument :

MSVOA_V

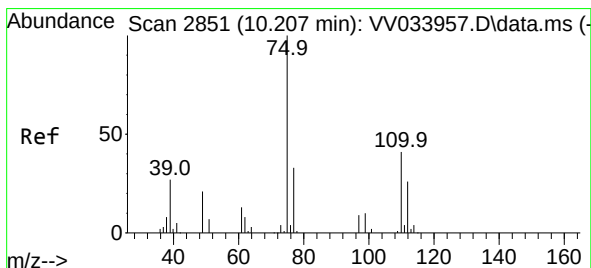
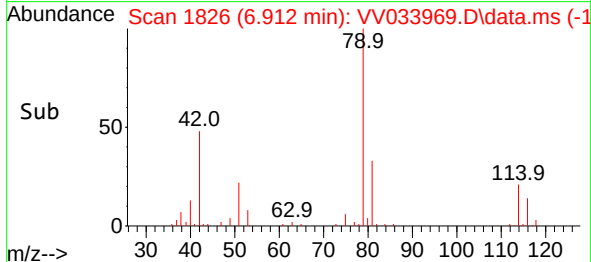
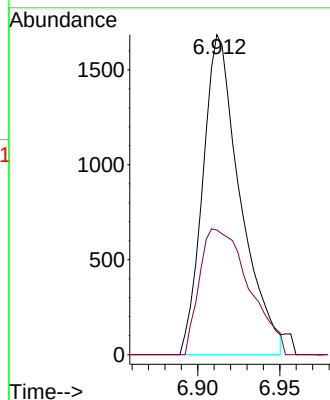
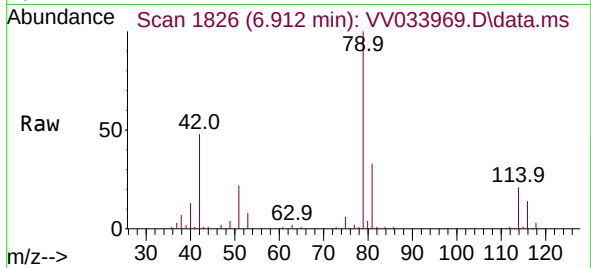
ClientSampleId :

Tgt Ion: 75 Resp: 2666

Ion Ratio Lower Upper

75 100

77 38.9 22.0 41.0



#61

1,2,3-Trichloropropane

Concen: 6.825 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV033969.D

Acq: 02 Feb 2024 14:52

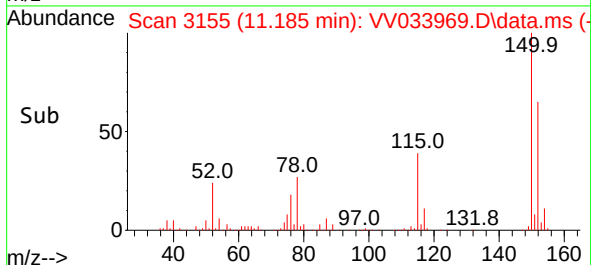
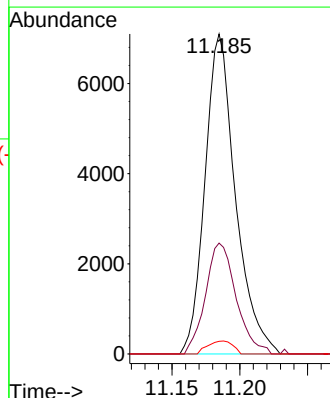
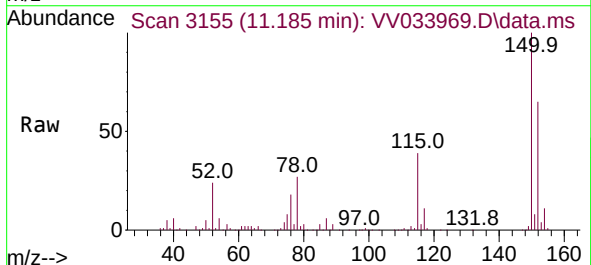
Tgt Ion: 75 Resp: 11103

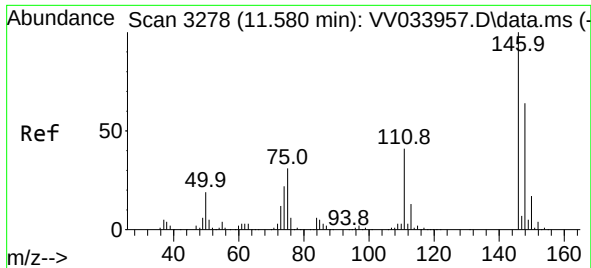
Ion Ratio Lower Upper

75 100

77 34.9 25.3 37.9

110 3.3 29.5 44.3#

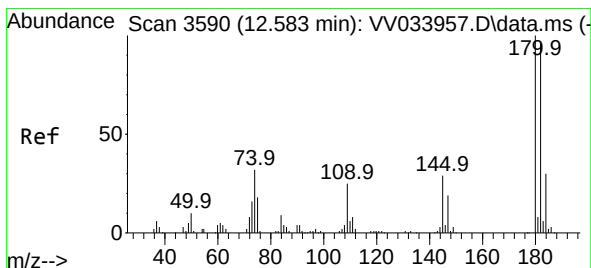
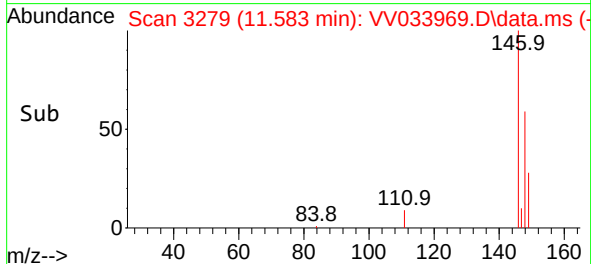
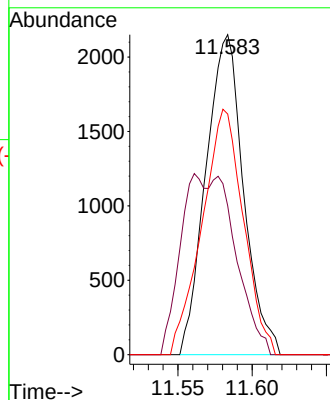
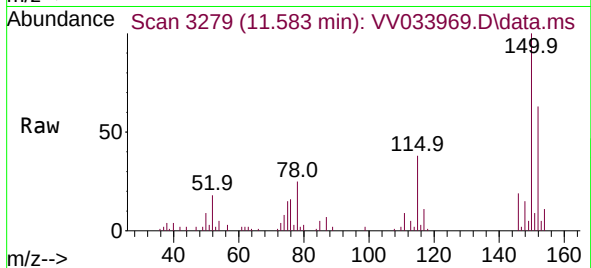




#67
1,2-Dichlorobenzene
Concen: 1.386 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033969.D
Acq: 02 Feb 2024 14:52

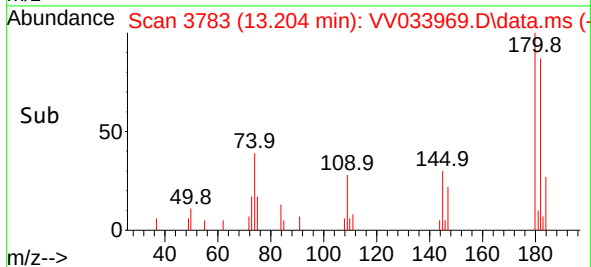
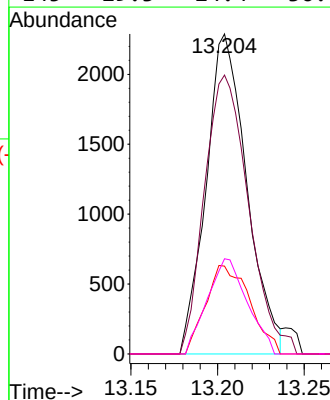
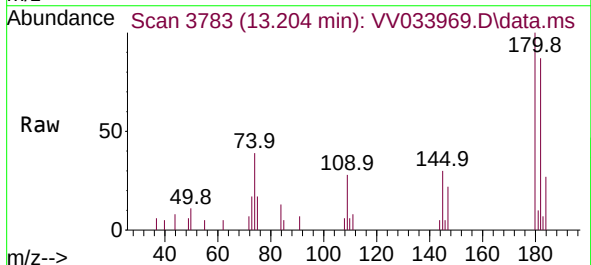
Instrument :
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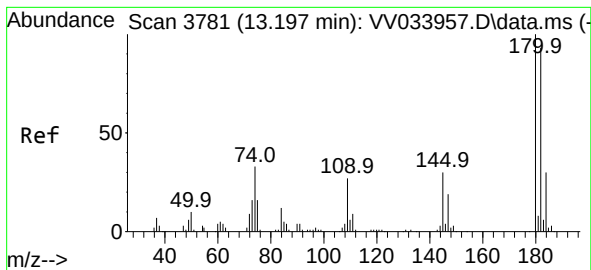
Tgt Ion:146 Resp: 3793
Ion Ratio Lower Upper
146 100
111 46.5 35.4 53.0
148 75.2 52.0 78.0



#69
1,3,5-Trichlorobenzene
Concen: 1.805 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.621 min
Lab File: VV033969.D
Acq: 02 Feb 2024 14:52

Tgt Ion:180 Resp: 3736
Ion Ratio Lower Upper
180 100
182 93.7 76.2 114.2
184 20.0 23.9 35.9#
145 29.3 24.4 36.6





#70

1,2,4-trichlorobenzene

Concen: 1.988 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV033969.D

Acq: 02 Feb 2024 14:52

Instrument :

MSVOA_V

ClientSampleId :

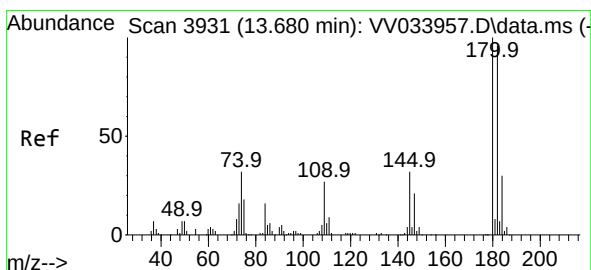
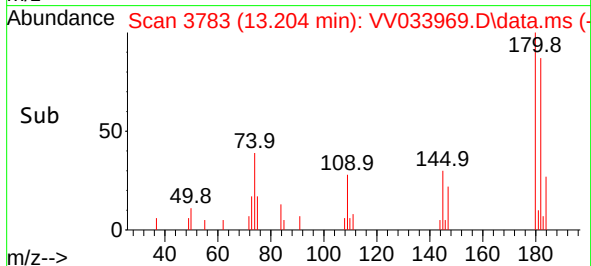
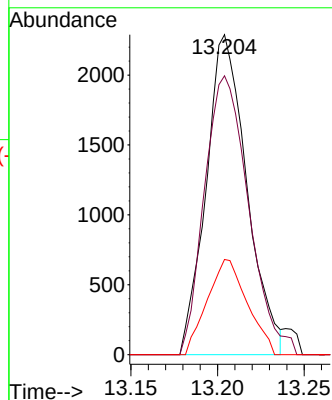
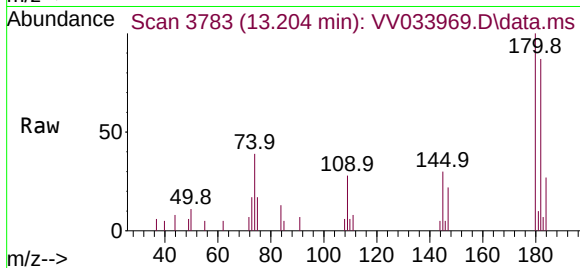
Tgt Ion:180 Resp: 3736

Ion Ratio Lower Upper

180 100

182 93.7 76.3 114.5

145 29.3 25.4 38.0



#72

1,2,3-Trichlorobenzene

Concen: 1.336 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.007 min

Lab File: VV033969.D

Acq: 02 Feb 2024 14:52

Tgt Ion:180 Resp: 2342

Ion Ratio Lower Upper

180 100

182 86.5 76.0 114.0

145 30.5 26.3 39.5

