

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033973.D
 Acq On : 02 Feb 2024 16:28
 Operator : SY/MD
 Sample : P1348-01 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 03:37:26 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)

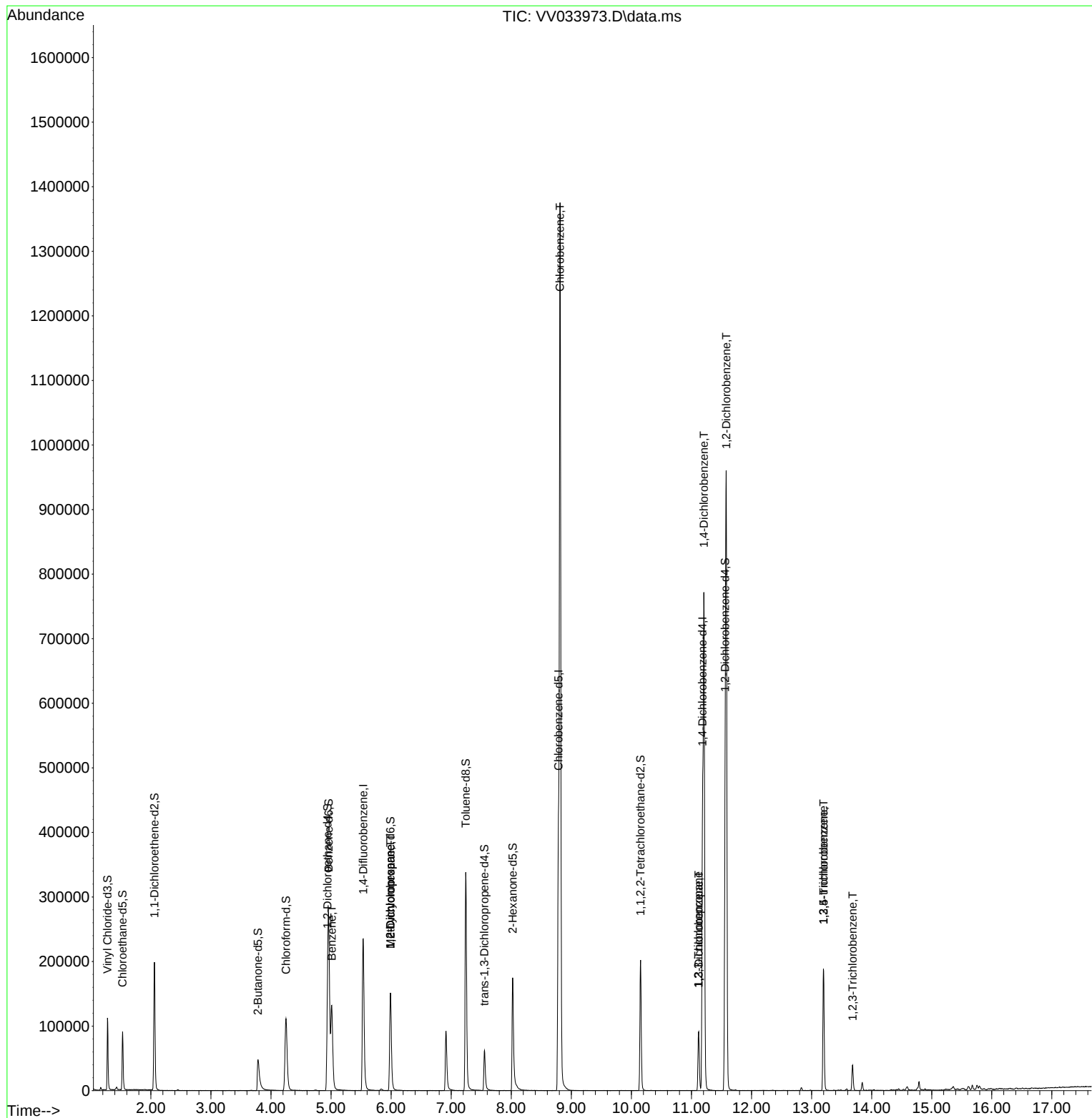
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	202830	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	189410	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99356	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72839	46.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.460%
7) Chloroethane-d5	1.529	69	58724	47.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.140%
11) 1,1-Dichloroethene-d2	2.060	65	33088	49.320	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.640%
21) 2-Butanone-d5	3.783	46	81752	76.459	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.460%
24) Chloroform-d	4.249	84	119691	42.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.880%
26) 1,2-Dichloroethane-d4	4.941	65	83361	46.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
32) Benzene-d6	4.960	84	235160	43.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
36) 1,2-Dichloropropane-d6	5.989	67	70878	39.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.980%
41) Toluene-d8	7.243	98	218308	44.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.555	79	36122	41.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.460%
47) 2-Hexanone-d5	8.024	63	60495	82.280	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.280%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	90690	40.078	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.160%
66) 1,2-Dichlorobenzene-d4	11.561	152	84678	44.920	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	132593	23.834	ug/L	100
35) Methylcyclohexane	5.989	83	18138	7.102	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	8673	5.665	ug/L #	88
51) Chlorobenzene	8.812	112	688141	183.698	ug/L	98
61) 1,2,3-Trichloropropane	11.117	75	11519	6.533	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	36244	11.936	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	284506	93.445	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	335670	113.137	ug/L	97
69) 1,3,5-Trichlorobenzene	13.197	180	53330	23.768	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	53330	26.186	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	11662	6.135	ug/L	95

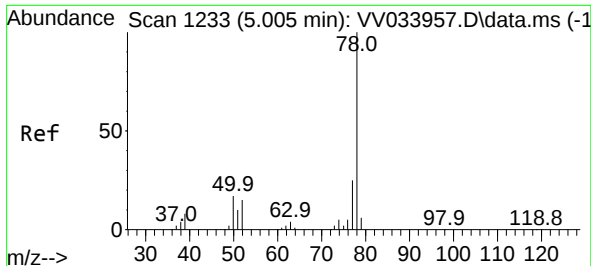
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

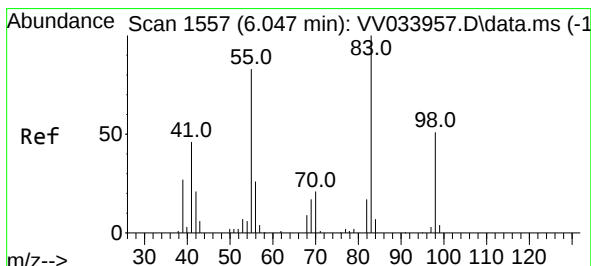
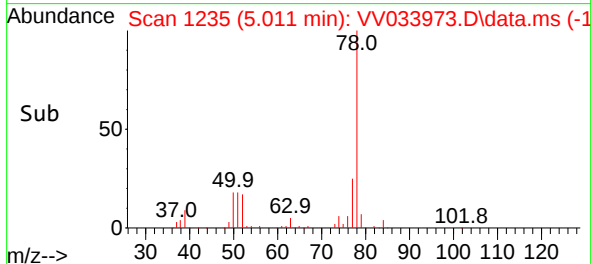
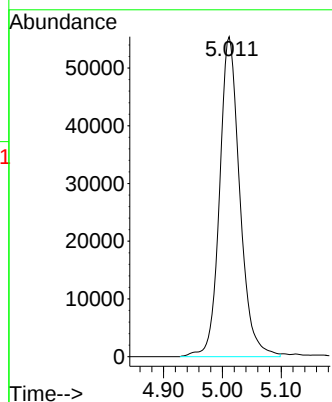
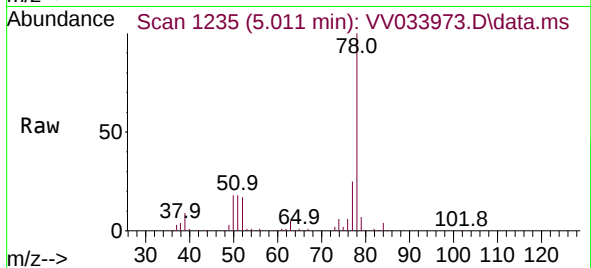




#33
Benzene
Concen: 23.834 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV033973.D
Acq: 02 Feb 2024 16:28

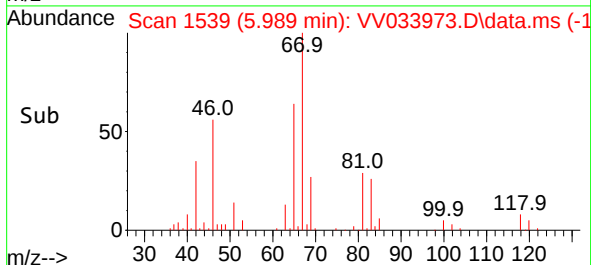
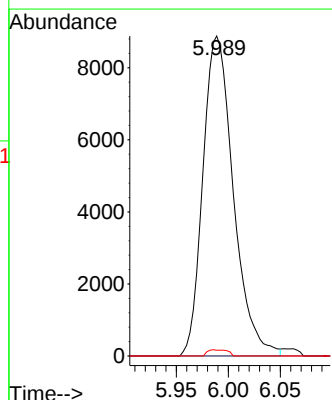
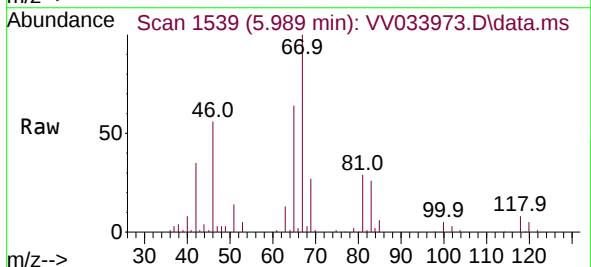
Instrument :
MSVOA_V
ClientSampleId :

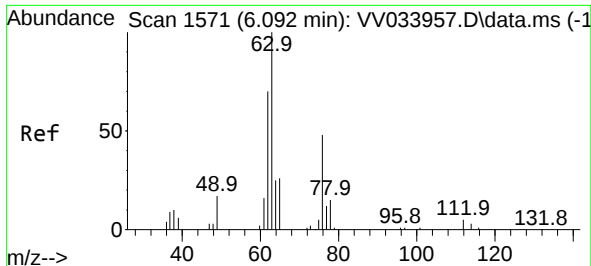
Tgt Ion: 78 Resp: 132593



#35
Methylcyclohexane
Concen: 7.102 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033973.D
Acq: 02 Feb 2024 16:28

Tgt Ion: 83 Resp: 18138
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.8 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 5.665 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV033973.D

Acq: 02 Feb 2024 16:28

Instrument :

MSVOA_V

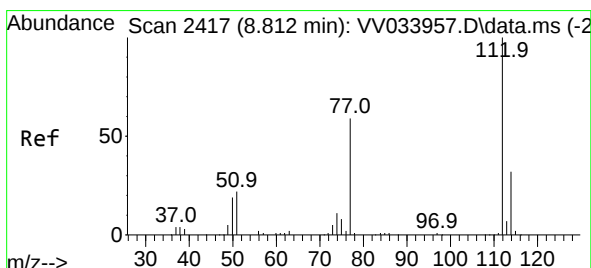
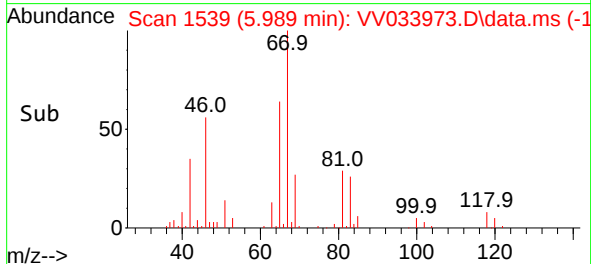
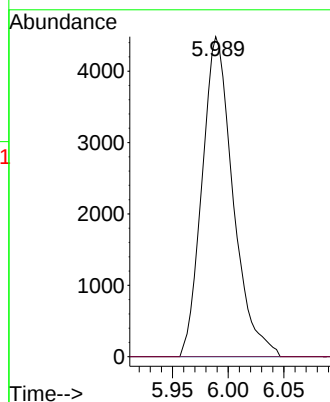
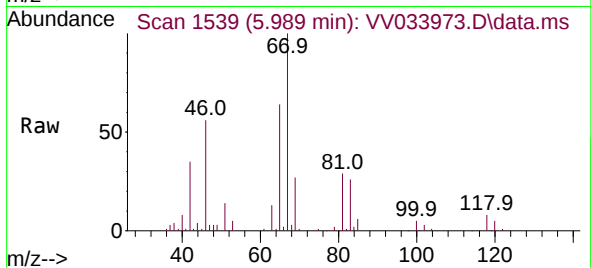
ClientSampleId :

Tgt Ion: 63 Resp: 8673

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#51

Chlorobenzene

Concen: 183.698 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV033973.D

Acq: 02 Feb 2024 16:28

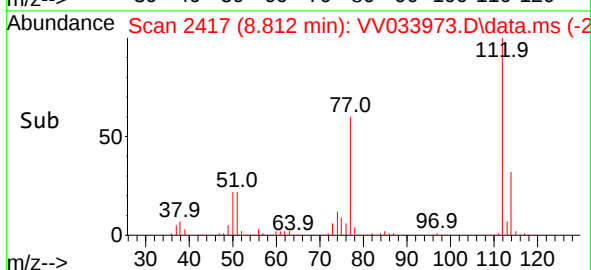
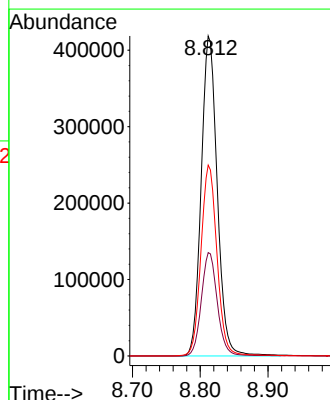
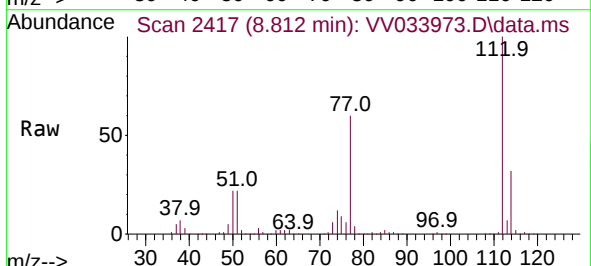
Tgt Ion: 112 Resp: 688141

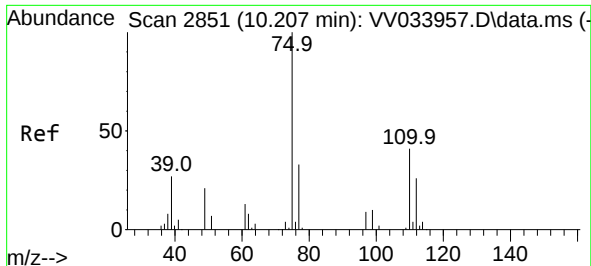
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 59.6 49.4 74.0

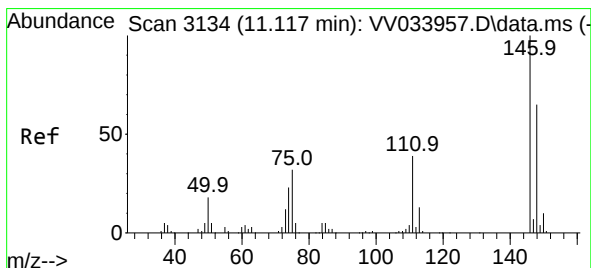
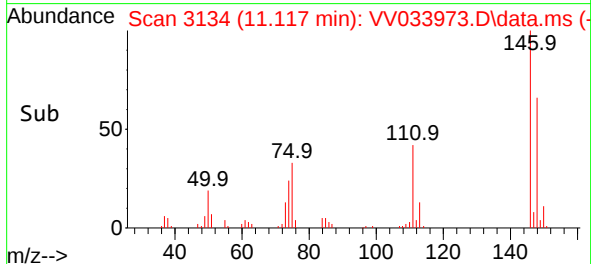
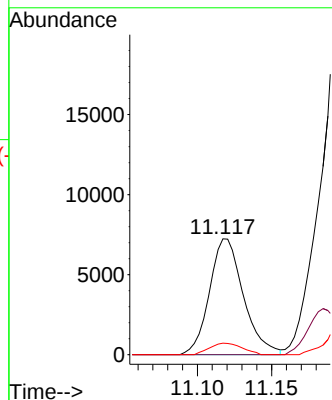
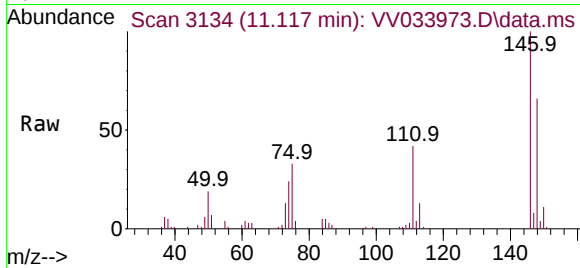




#61
1,2,3-Trichloropropane
Concen: 6.533 ug/L
RT: 11.117 min Scan# 3113
Delta R.T. 0.910 min
Lab File: VV033973.D
Acq: 02 Feb 2024 16:28

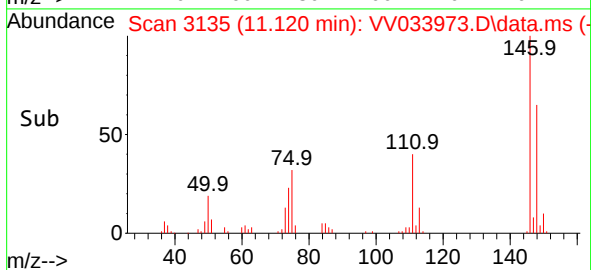
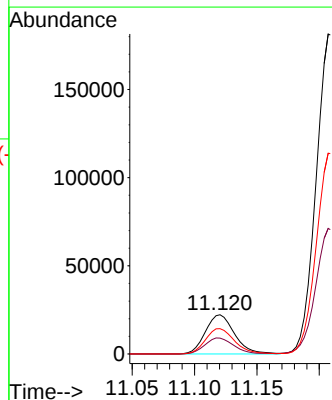
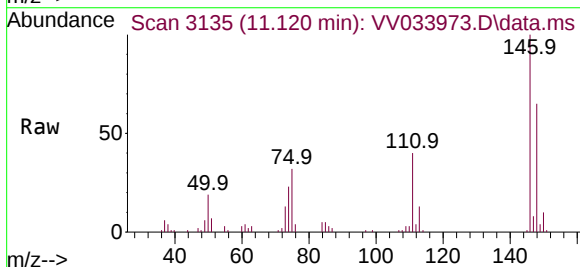
Instrument :
MSVOA_V
ClientSampleId :

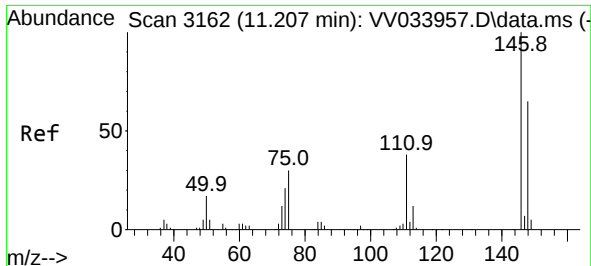
Tgt Ion: 75 Resp: 11519
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
110 9.5 29.5 44.3#



#64
1,3-Dichlorobenzene
Concen: 11.936 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033973.D
Acq: 02 Feb 2024 16:28

Tgt Ion:146 Resp: 36244
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.8
148 64.5 43.9 81.5

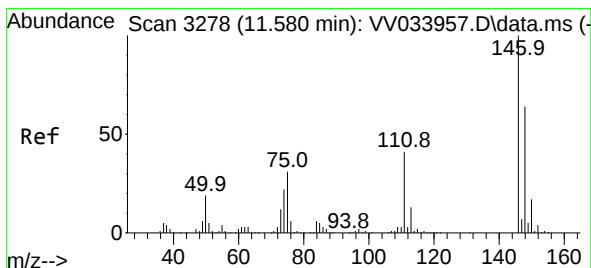
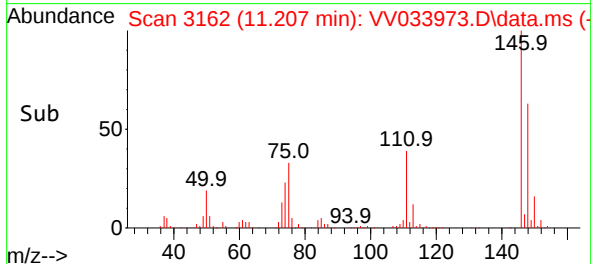
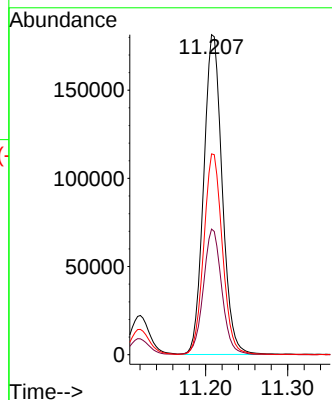
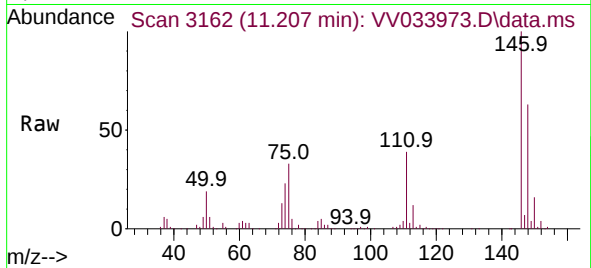




#65
1,4-Dichlorobenzene
Concen: 93.445 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033973.D
Acq: 02 Feb 2024 16:28

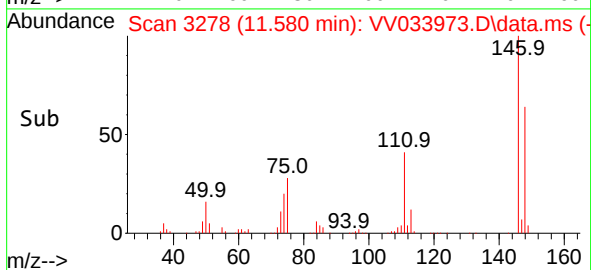
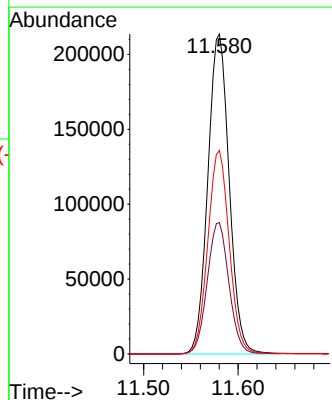
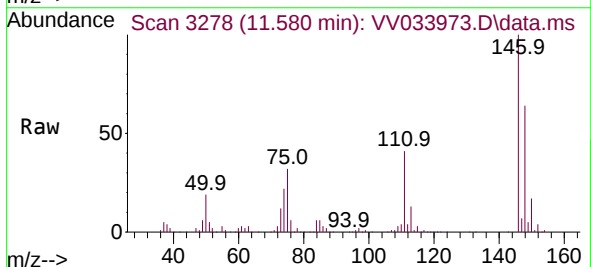
Instrument :
MSVOA_V
ClientSampleId :

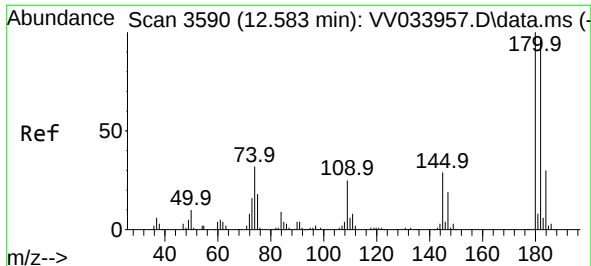
Tgt Ion:146 Resp: 284506
Ion Ratio Lower Upper
146 100
111 39.3 27.7 51.5
148 62.8 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 113.137 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV033973.D
Acq: 02 Feb 2024 16:28

Tgt Ion:146 Resp: 335670
Ion Ratio Lower Upper
146 100
111 41.1 35.4 53.0
148 63.6 52.0 78.0





#69

1,3,5-Trichlorobenzene

Concen: 23.768 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.614 min

Lab File: VV033973.D

Acq: 02 Feb 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 53330

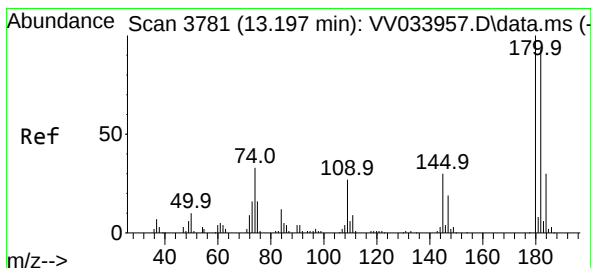
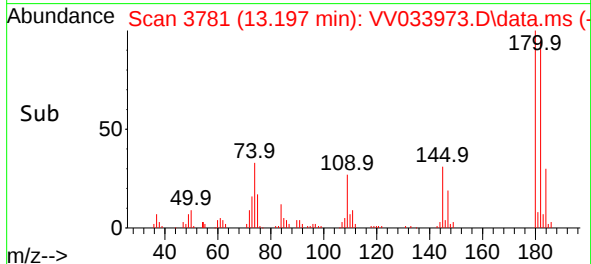
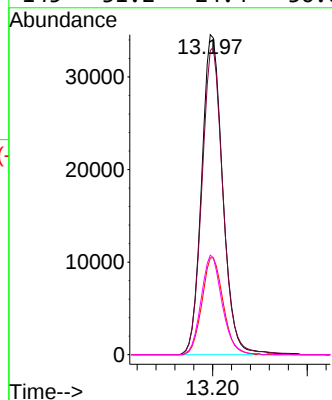
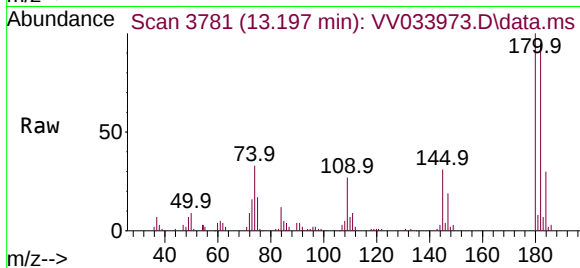
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

184 30.6 23.9 35.9

145 31.2 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 26.186 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033973.D

Acq: 02 Feb 2024 16:28

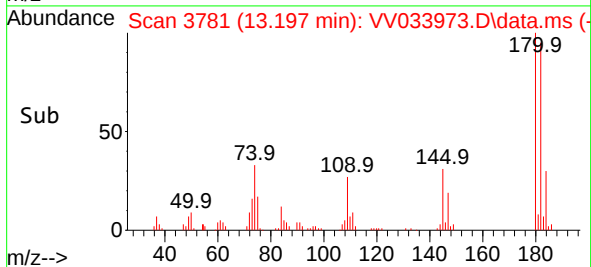
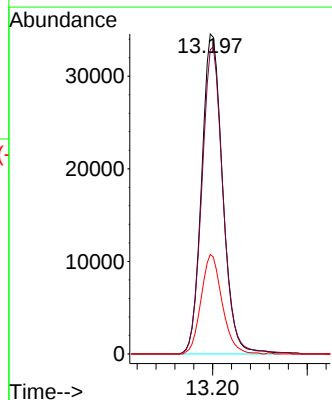
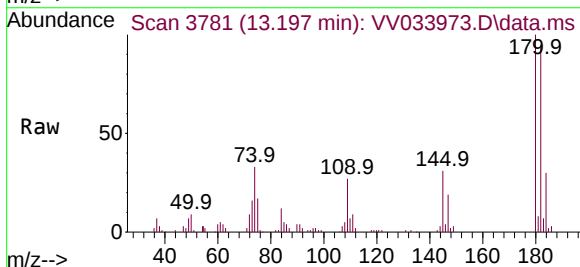
Tgt Ion:180 Resp: 53330

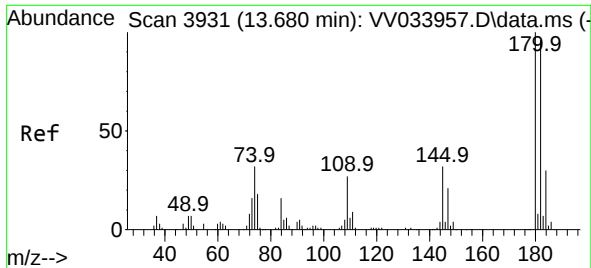
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 31.2 25.4 38.0





#72

1,2,3-Trichlorobenzene

Concen: 6.135 ug/L

RT: 13.683 min Scan# 3931

Delta R.T. 0.003 min

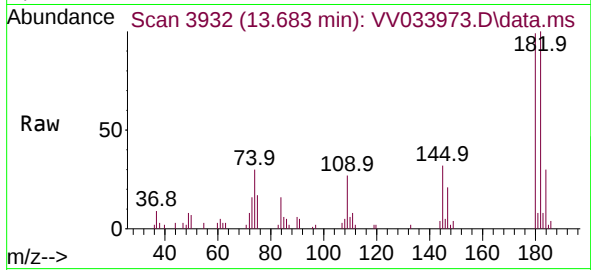
Lab File: VV033973.D

Acq: 02 Feb 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11662

Ion Ratio Lower Upper

180 100

182 102.2 76.0 114.0

145 32.9 26.3 39.5

