

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022924\
 Data File : VV034484.D
 Acq On : 29 Feb 2024 16:12
 Operator : SY/MD
 Sample : P1642-07 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

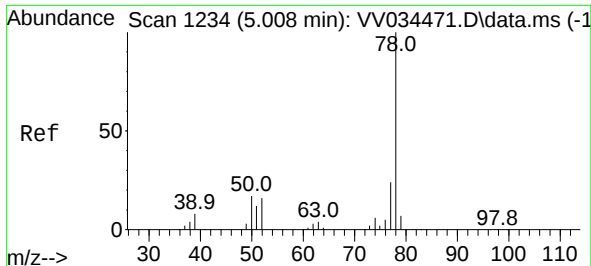
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 01:37:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	301620	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141253	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113540	43.423	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.840%		
7) Chloroethane-d5	1.529	69	94400	46.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.680%		
11) 1,1-Dichloroethene-d2	2.059	65	50184	42.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.880%		
21) 2-Butanone-d5	3.786	46	177207	101.344	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.340%		
24) Chloroform-d	4.249	84	209723	45.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.720%		
26) 1,2-Dichloroethane-d4	4.940	65	144185	47.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.460%		
32) Benzene-d6	4.960	84	396765	46.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.120%		
36) 1,2-Dichloropropane-d6	5.989	67	123865	47.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.240%		
41) Toluene-d8	7.243	98	353443	45.828	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.660%		
43) trans-1,3-Dichloroprop...	7.554	79	54777	41.940	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.880%		
47) 2-Hexanone-d5	8.024	63	138921	106.965	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.970%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	165787	48.438	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.880%		
66) 1,2-Dichlorobenzene-d4	11.561	152	138436	47.947	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.900%		
Target Compounds					Qvalue	
33) Benzene	5.011	78	217033	24.761	ug/L	100
51) Chlorobenzene	8.812	112	1076929	179.576	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	17028	6.315	ug/L #	47
64) 1,3-Dichlorobenzene	11.117	146	53973	11.685	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	425869	90.791	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	515994	111.483	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	76513	22.081	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	76513	24.539	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	17776	5.844	ug/L	97

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



#33

Benzene

Concen: 24.761 ug/L

RT: 5.011 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV034484.D

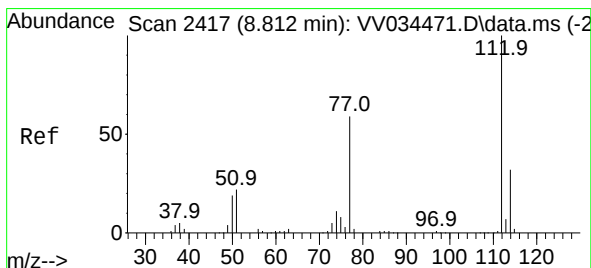
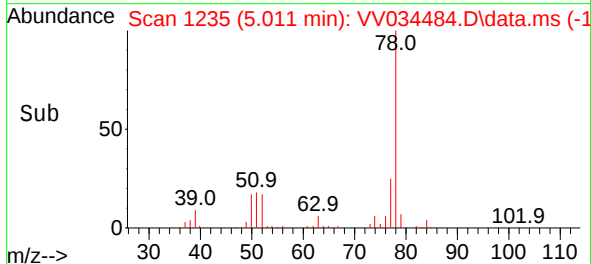
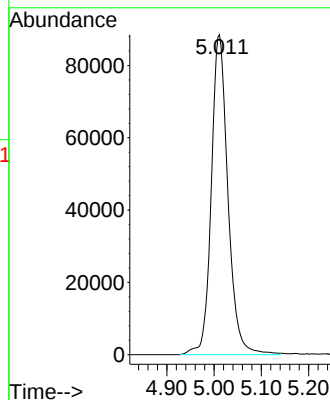
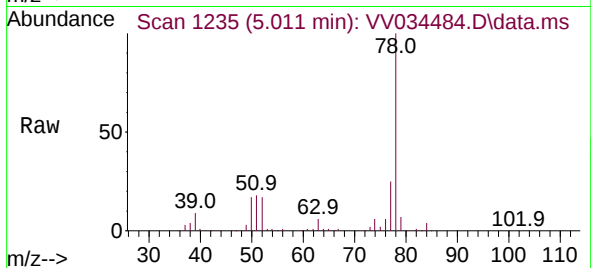
Acq: 29 Feb 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 217033



#51

Chlorobenzene

Concen: 179.576 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

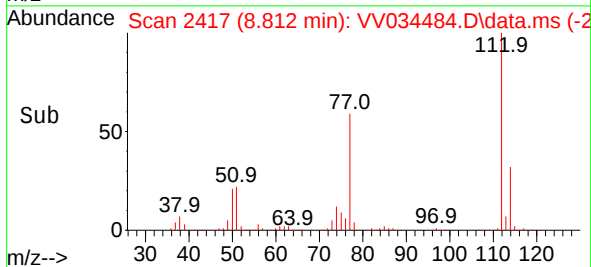
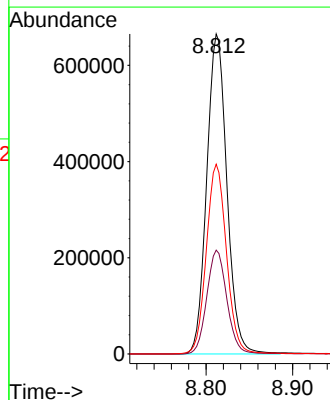
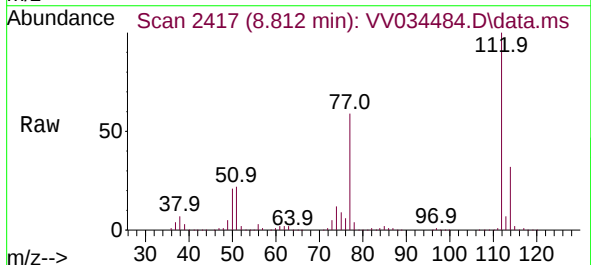
Tgt Ion: 112 Resp: 1076929

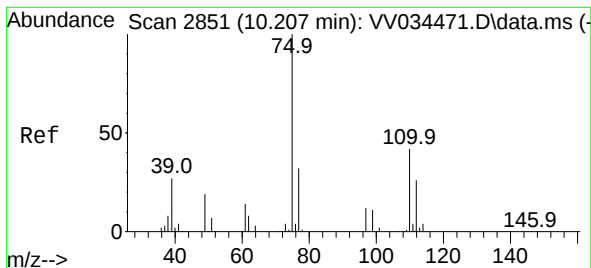
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 59.3 47.7 71.5





#61

1,2,3-Trichloropropane

Concen: 6.315 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

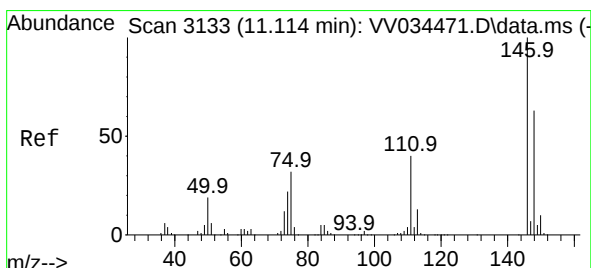
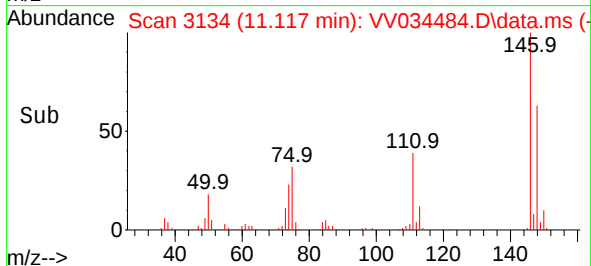
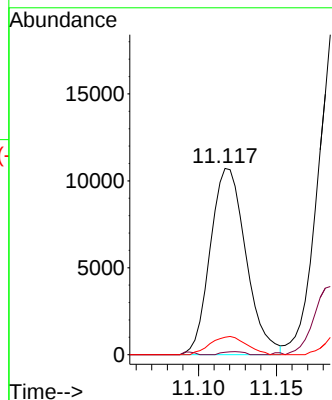
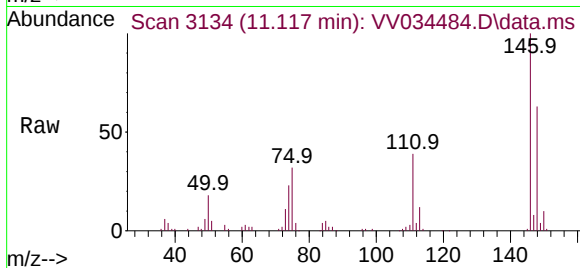
Tgt Ion: 75 Resp: 17028

Ion Ratio Lower Upper

75 100

77 1.0 25.9 38.9#

110 9.9 33.1 49.7#



#64

1,3-Dichlorobenzene

Concen: 11.685 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

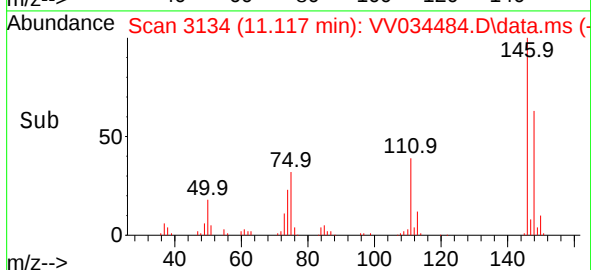
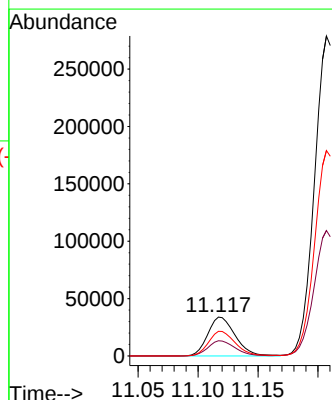
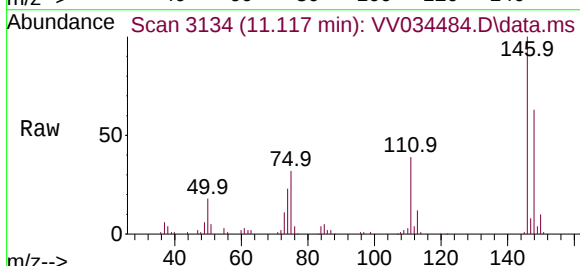
Tgt Ion:146 Resp: 53973

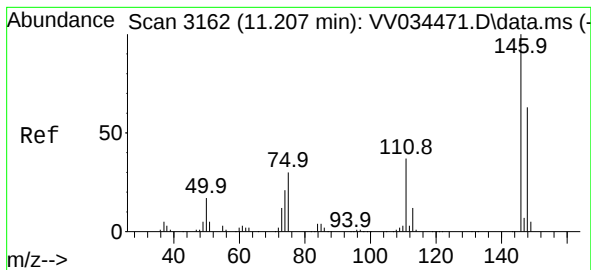
Ion Ratio Lower Upper

146 100

111 39.2 27.9 51.7

148 63.4 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 90.791 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

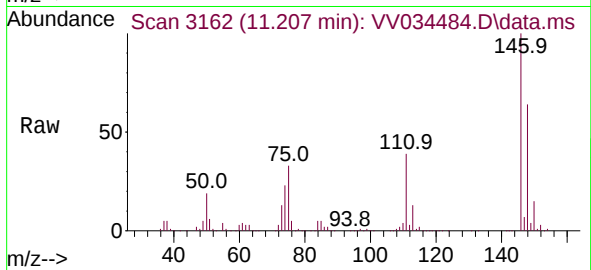
Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :



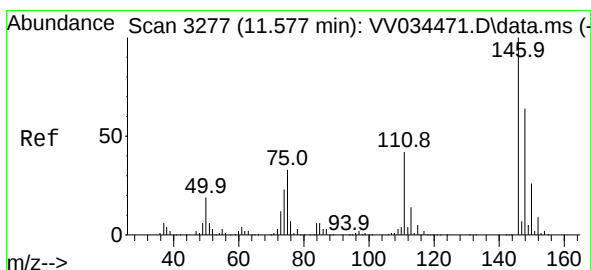
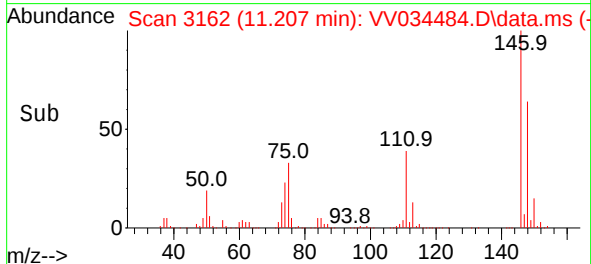
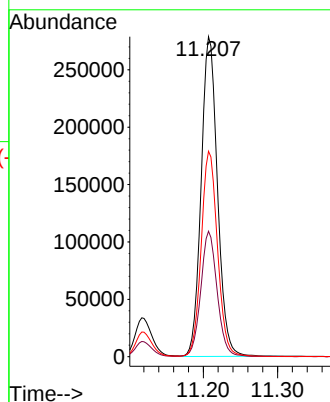
Tgt Ion:146 Resp: 425869

Ion Ratio Lower Upper

146 100

111 39.2 26.5 49.1

148 64.2 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 111.483 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

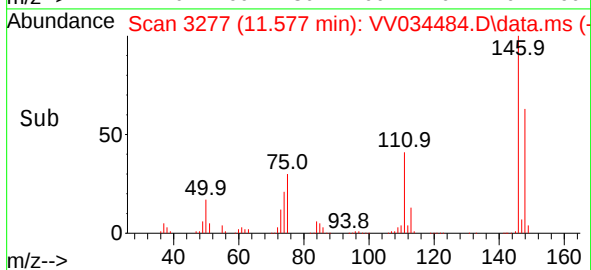
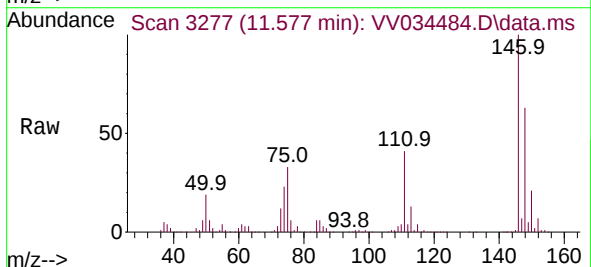
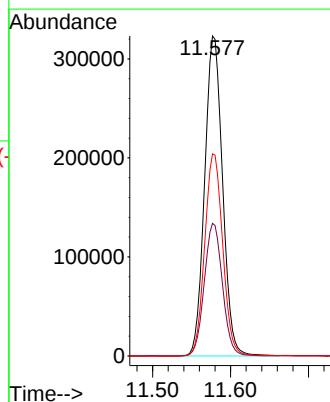
Tgt Ion:146 Resp: 515994

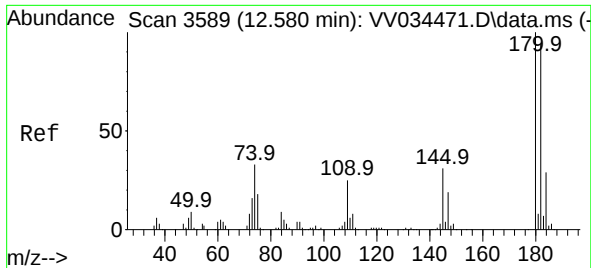
Ion Ratio Lower Upper

146 100

111 41.4 33.8 50.8

148 63.1 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 22.081 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 76513

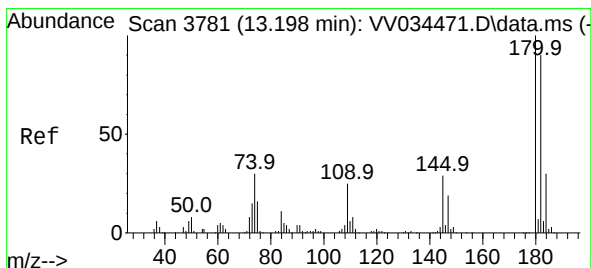
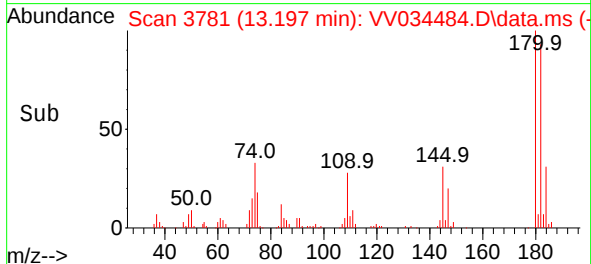
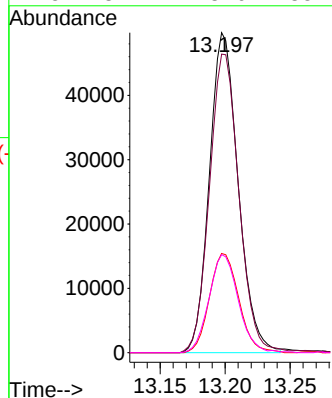
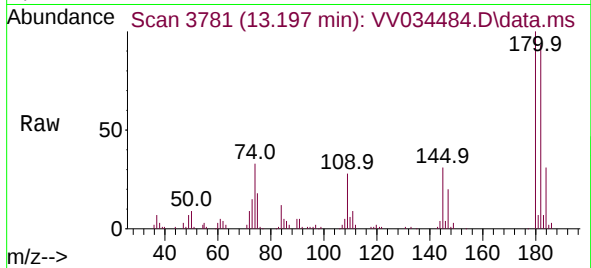
Ion Ratio Lower Upper

180 100

182 95.5 74.6 112.0

184 31.6 23.6 35.4

145 31.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 24.539 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034484.D

Acq: 29 Feb 2024 16:12

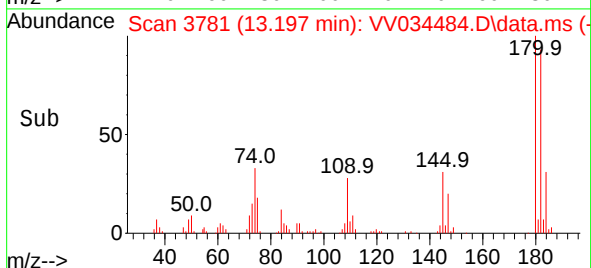
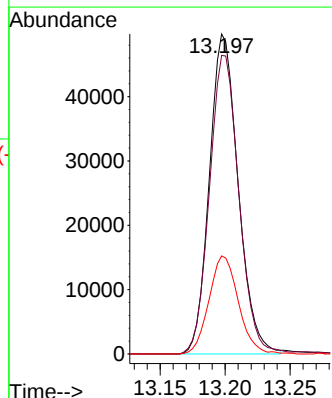
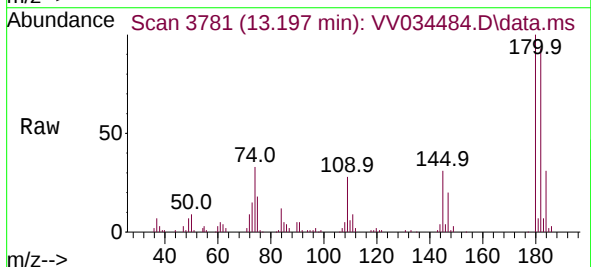
Tgt Ion:180 Resp: 76513

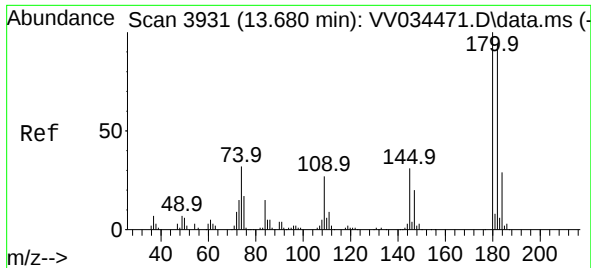
Ion Ratio Lower Upper

180 100

182 95.5 74.8 112.2

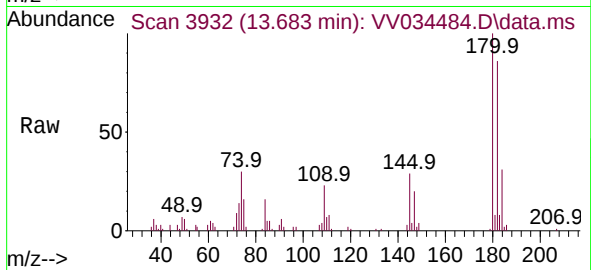
145 31.1 24.2 36.4





#72
1,2,3-Trichlorobenzene
Concen: 5.844 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034484.D
Acq: 29 Feb 2024 16:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.9	113.9
145	30.1	25.5	38.3

