

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035366.D
 Acq On : 23 Apr 2024 17:29
 Operator : SY/MD
 Sample : P2182-12 1000X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE5

Quant Time: Apr 23 23:31:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

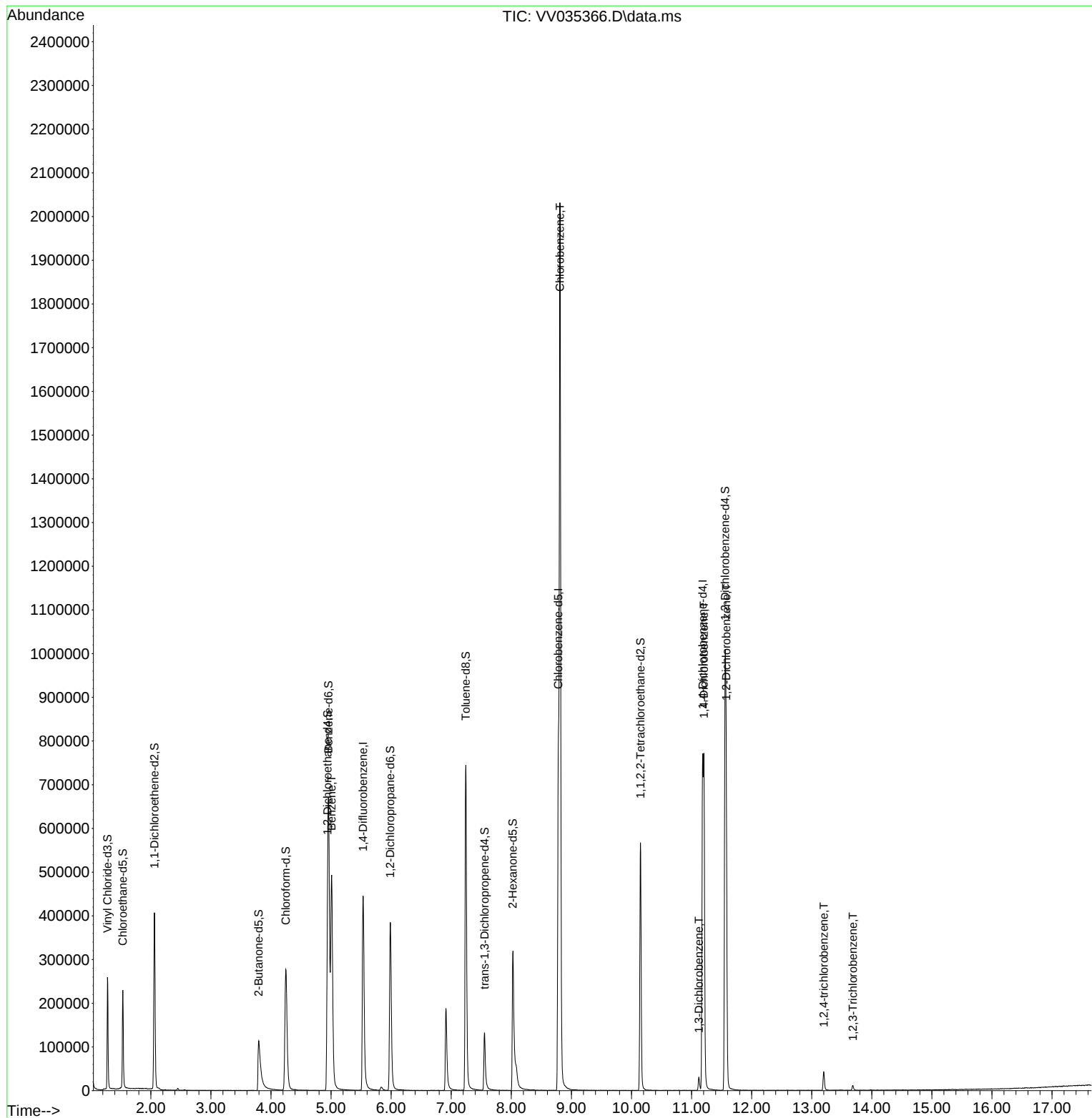
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	402956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	406107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	169133	43.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.920%
7) Chloroethane-d5	1.532	69	144324	42.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.060	65	70267	41.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.380%
21) 2-Butanone-d5	3.796	46	194833	84.416	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.420%
24) Chloroform-d	4.246	84	308675	47.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	4.940	65	193079	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
32) Benzene-d6	4.957	84	610204	44.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	5.985	67	198943	45.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.860%
41) Toluene-d8	7.243	98	515121	41.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.860%
43) trans-1,3-Dichloroprop...	7.554	79	84786	40.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.520%
47) 2-Hexanone-d5	8.024	63	111910	68.330	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.330%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	278006	46.605	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	215822	50.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	526336	39.746	ug/L	100
51) Chlorobenzene	8.808	112	1103311	122.787	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	12995	2.025	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	286253	43.858	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	276314	43.217	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	14774	3.477	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	4233	1.011	ug/L	96

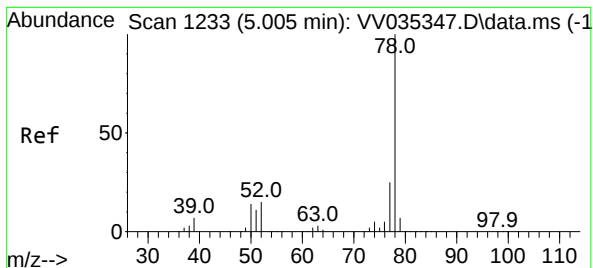
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#33

Benzene

Concen: 39.746 ug/L

RT: 5.008 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035366.D

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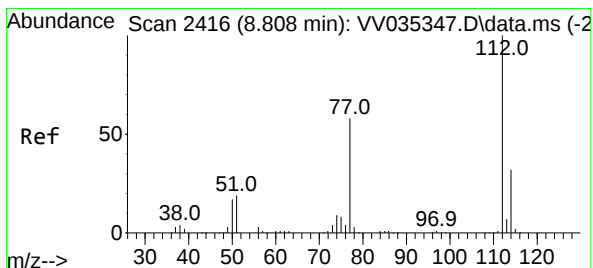
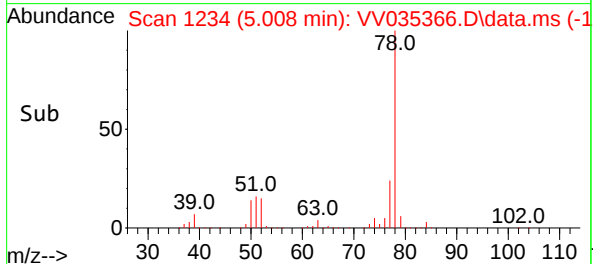
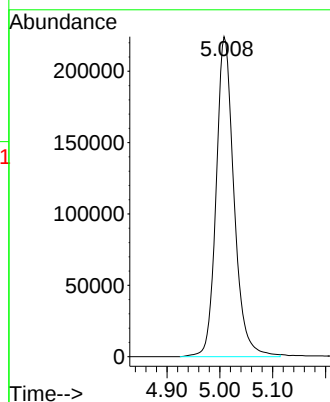
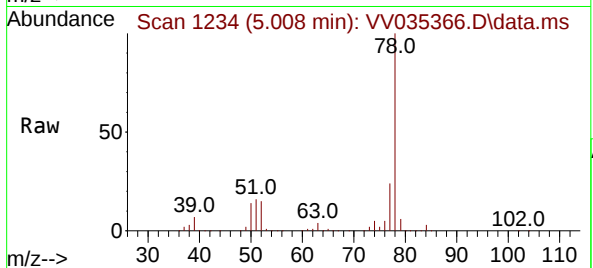
Instrument :

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ClientSampleId :

MCORE5

Tgt Ion: 78 Resp: 526336



#51

Chlorobenzene

Concen: 122.787 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV035366.D

Acq: 23 Apr 2024 17:29

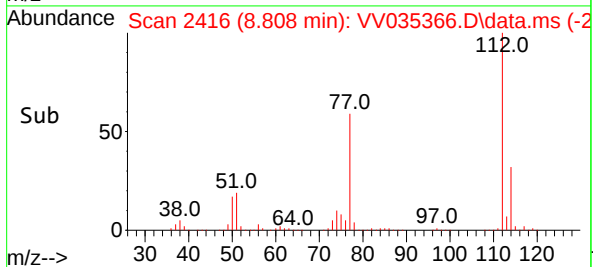
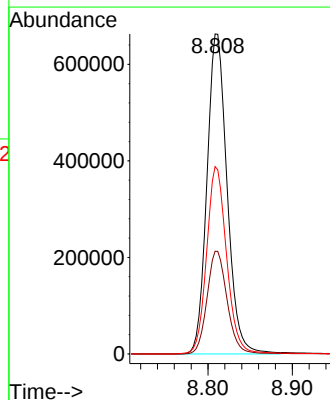
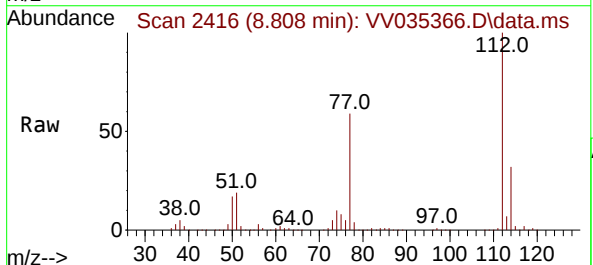
Tgt Ion: 112 Resp: 1103311

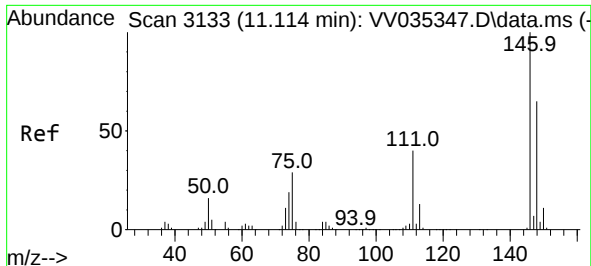
Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

77 58.6 47.4 71.2

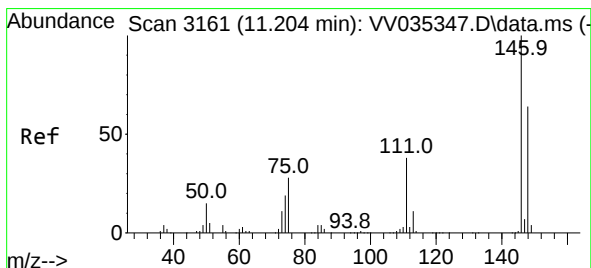
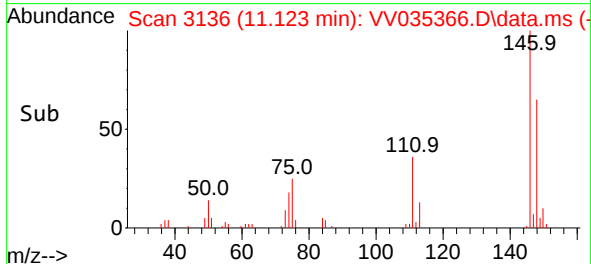
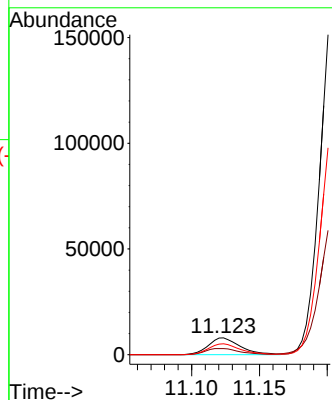
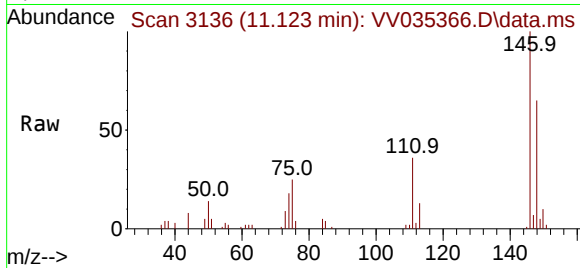




#64
1,3-Dichlorobenzene
Concen: 2.025 ug/L
RT: 11.123 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV035366.D
Acq: 23 Apr 2024 17:29

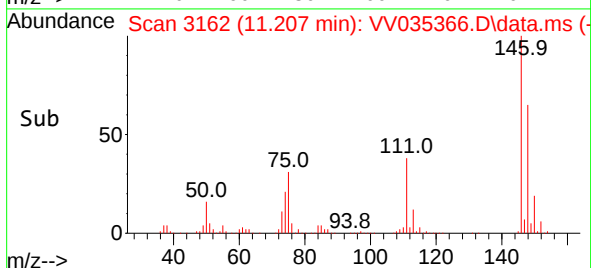
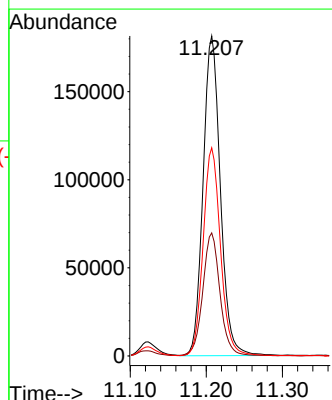
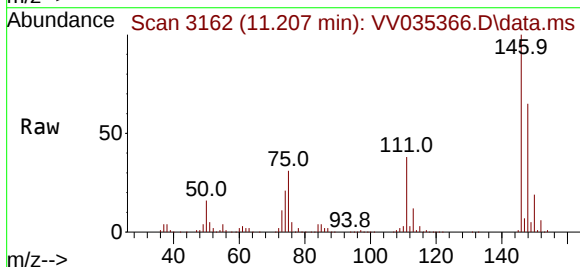
Instrument :
MSVOA_V
ClientSampleId :
MCORE5

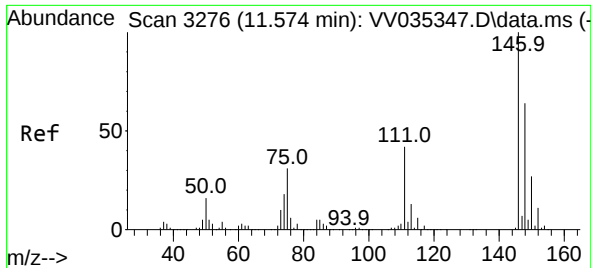
Tgt Ion:146 Resp: 12995
Ion Ratio Lower Upper
146 100
111 36.4 28.7 53.3
148 64.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 43.858 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035366.D
Acq: 23 Apr 2024 17:29

Tgt Ion:146 Resp: 286253
Ion Ratio Lower Upper
146 100
111 38.5 27.4 50.8
148 65.1 44.2 82.2

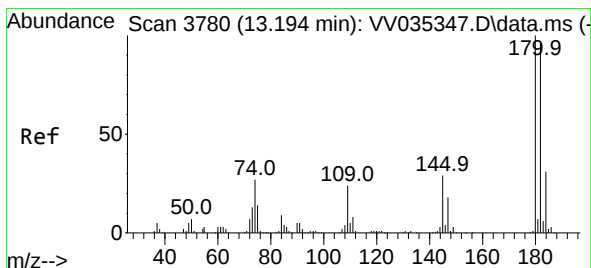
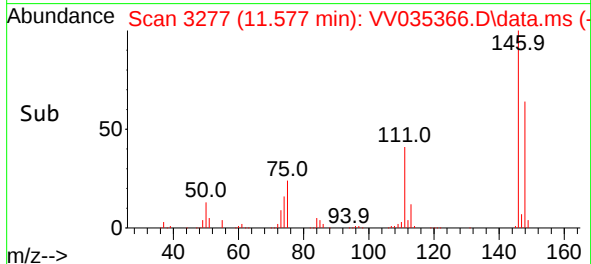
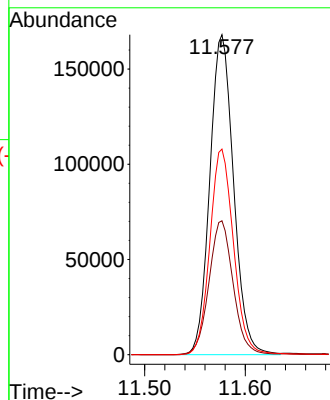
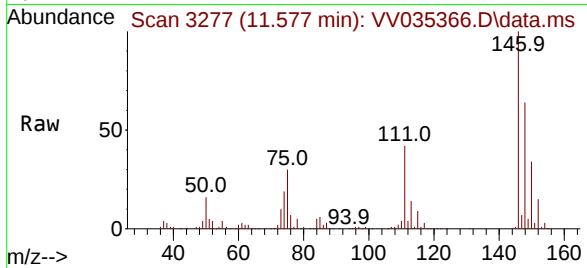




#67
1,2-Dichlorobenzene
Concen: 43.217 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035366.D
Acq: 23 Apr 2024 17:29

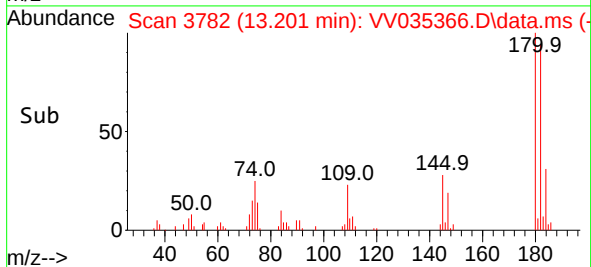
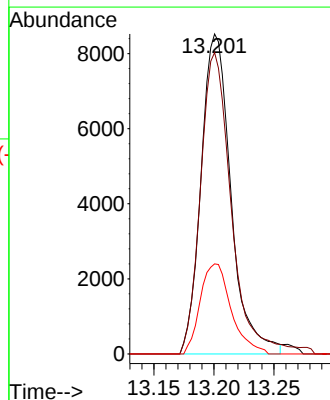
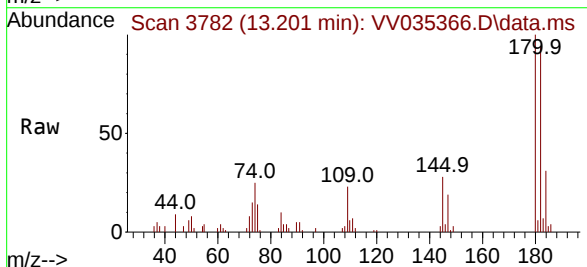
Instrument :
MSVOA_V
ClientSampleId :
MCORE5

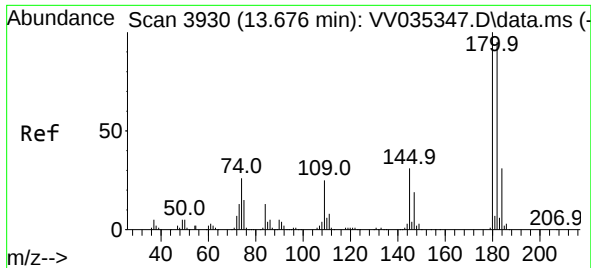
Tgt Ion:146 Resp: 276314
Ion Ratio Lower Upper
146 100
111 41.9 34.6 52.0
148 64.2 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 3.477 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.006 min
Lab File: VV035366.D
Acq: 23 Apr 2024 17:29

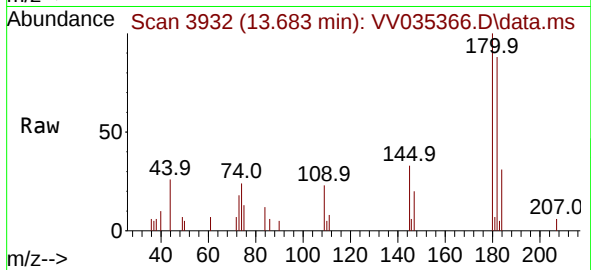
Tgt Ion:180 Resp: 14774
Ion Ratio Lower Upper
180 100
182 96.6 75.6 113.4
145 29.2 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.011 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035366.D
 Acq: 23 Apr 2024 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE5



Tgt Ion:	180	Resp:	4233
Ion Ratio	Lower	Upper	
180	100		
182	90.7	76.2	114.2
145	32.0	25.8	38.6

