

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029881.D
 Acq On : 16 Jan 2023 17:14
 Operator : SY/MD
 Sample : 01136-05 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

Quant Time: Jan 17 00:39:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

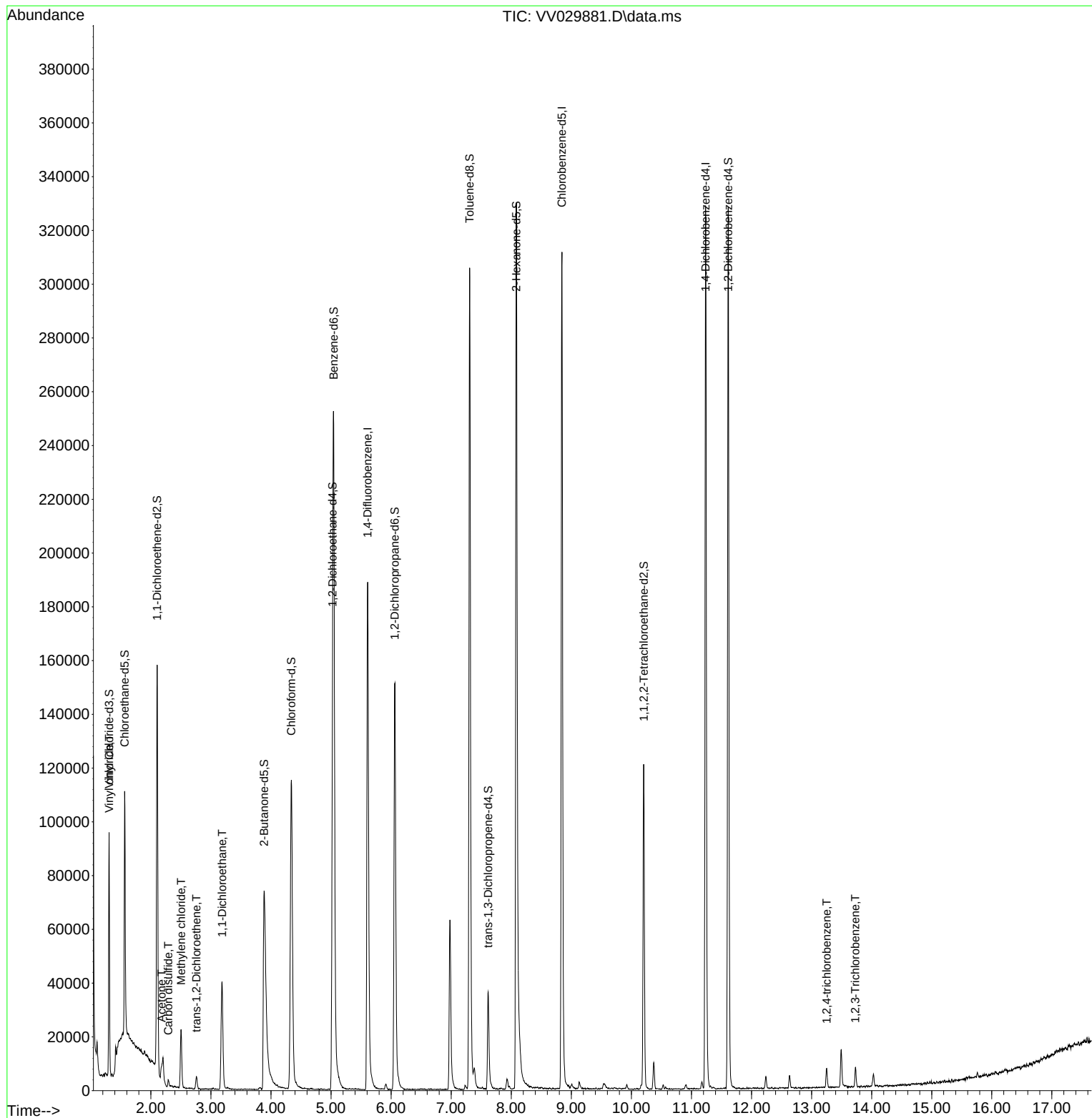
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	180304	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	184322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	93097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54070	3.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.564	69	55444	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.105	63	75789	3.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.886	46	133170	54.939	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	4.339	84	129118	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.024	65	57288	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.043	84	257643	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.059	67	81447	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.307	98	219475	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.616	79	23739	4.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.085	63	127961	53.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.560%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61082	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	90581	5.352	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	2010	0.116	ug/L	# 14
13) Acetone	2.179	43	8371	4.839	ug/L	95
14) Carbon disulfide	2.291	76	3767	0.085	ug/L	100
16) Methylene chloride	2.503	84	9689	0.507	ug/L	93
18) trans-1,2-Dichloroethene	2.757	96	2069	0.145	ug/L	91
19) 1,1-Dichloroethane	3.185	63	41554	1.736	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	2788	0.147	ug/L	96
72) 1,2,3-Trichlorobenzene	13.728	180	2736	0.173	ug/L	96

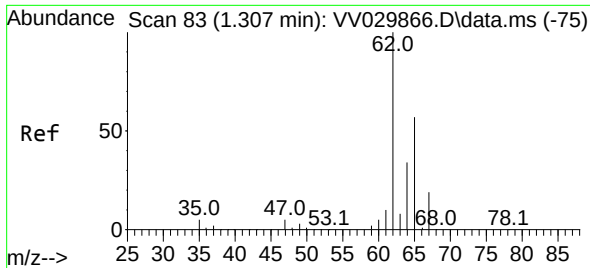
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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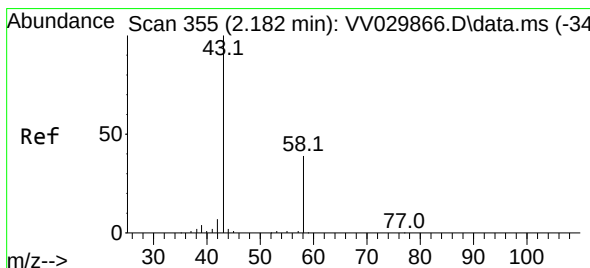
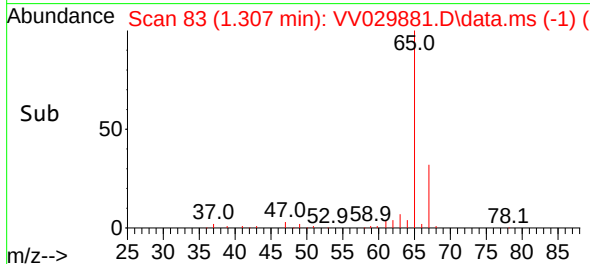
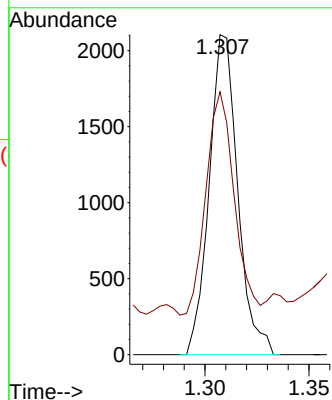
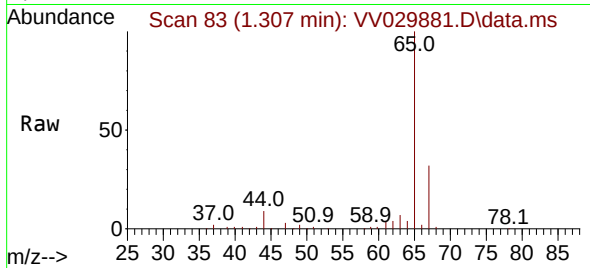




#5
 Vinyl chloride
 Concen: 0.116 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029881.D
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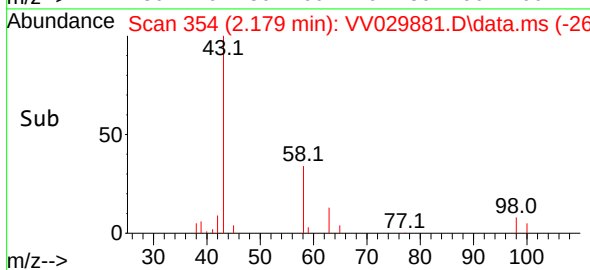
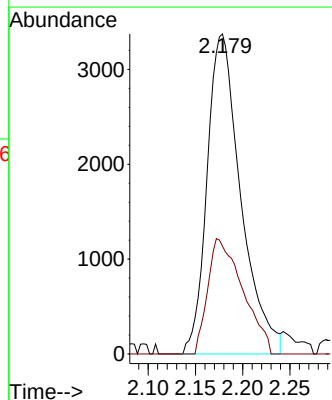
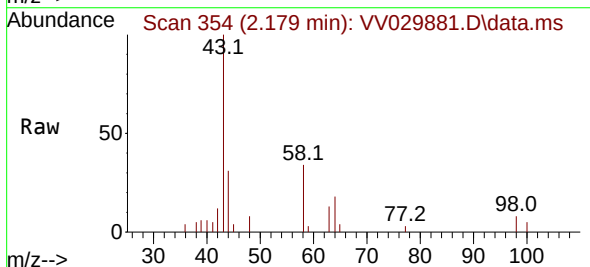
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

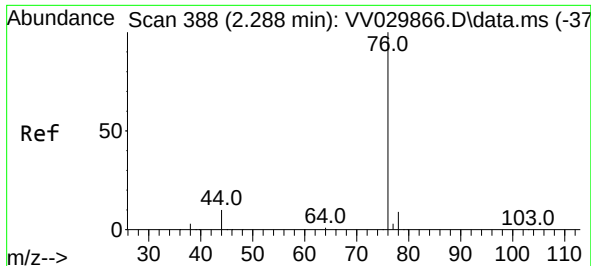
Tgt Ion: 62 Resp: 2010
 Ion Ratio Lower Upper
 62 100
 64 82.1 23.2 43.2#



#13
 Acetone
 Concen: 4.839 ug/L
 RT: 2.179 min Scan# 354
 Delta R.T. -0.019 min
 Lab File: VV029881.D
 Acq: 16 Jan 2023 17:14

Tgt Ion: 43 Resp: 8371
 Ion Ratio Lower Upper
 43 100
 58 37.4 0.0 68.8

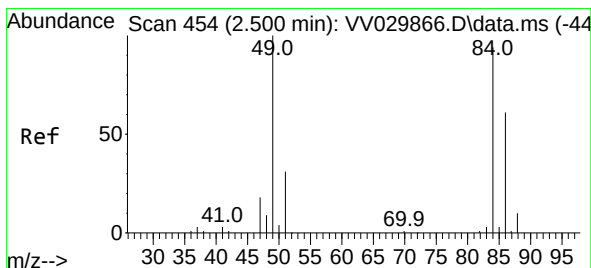
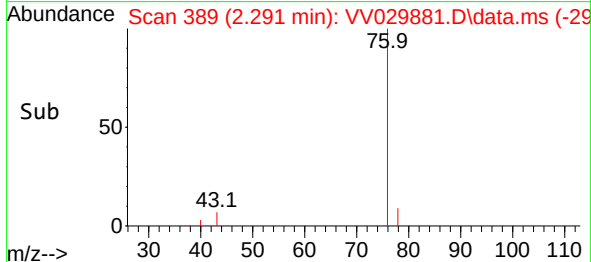
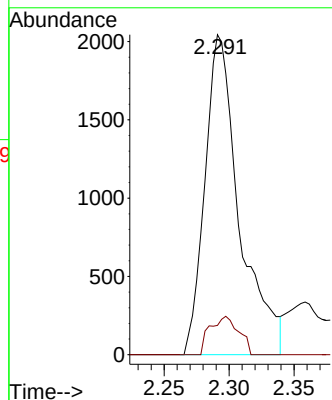
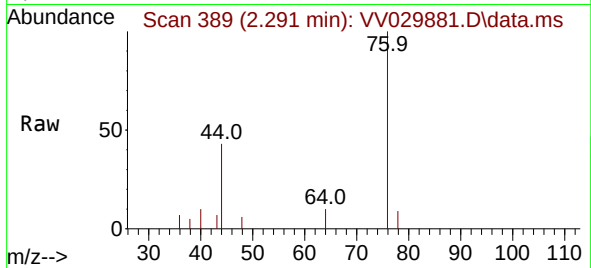




#14
Carbon disulfide
Concen: 0.085 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029881.D
Acq: 16 Jan 2023 17:14

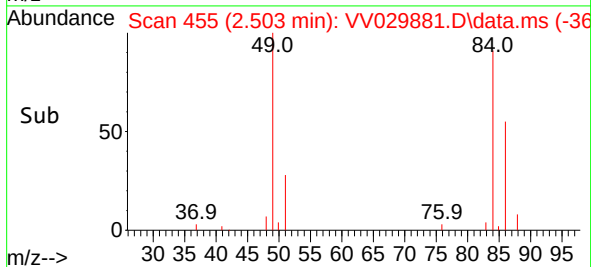
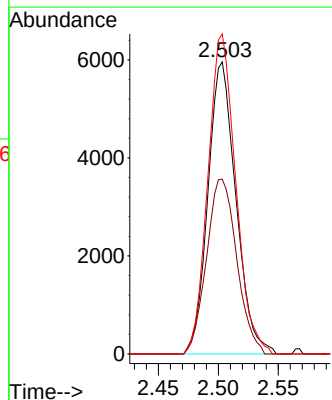
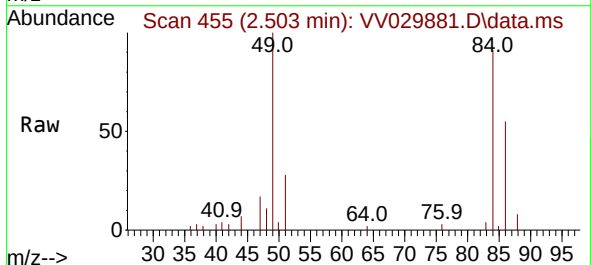
Instrument :
MSVOA_V
ClientSampleId :
BGJB8

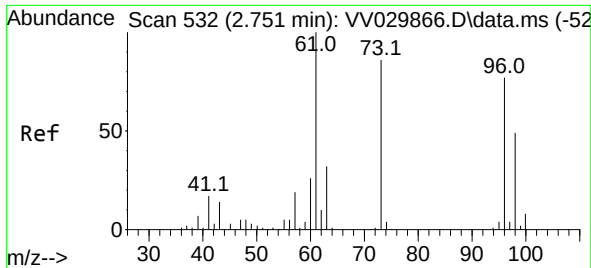
Tgt Ion: 76 Resp: 3767
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#16
Methylene chloride
Concen: 0.507 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029881.D
Acq: 16 Jan 2023 17:14

Tgt Ion: 84 Resp: 9689
Ion Ratio Lower Upper
84 100
86 59.8 45.0 83.6
49 109.6 71.5 132.7

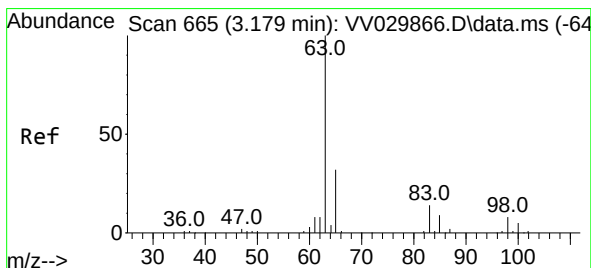
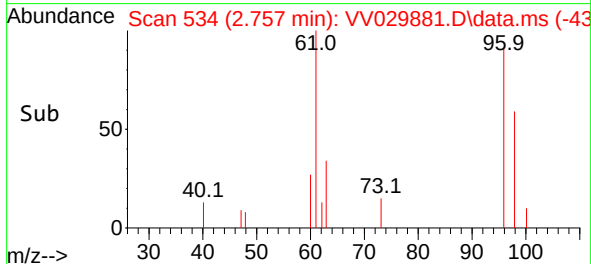
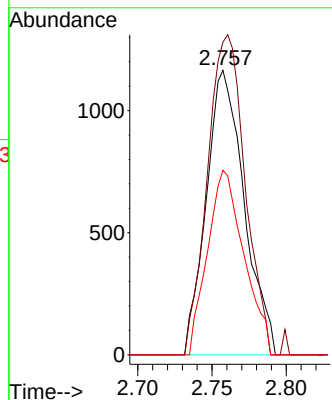
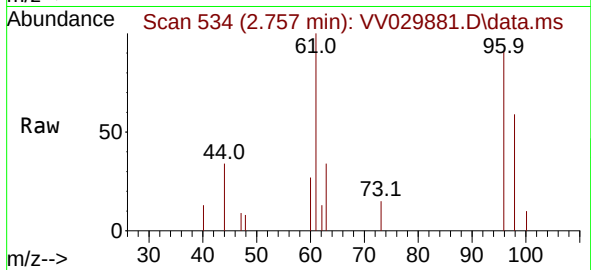




#18
trans-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029881.D
Acq: 16 Jan 2023 17:14

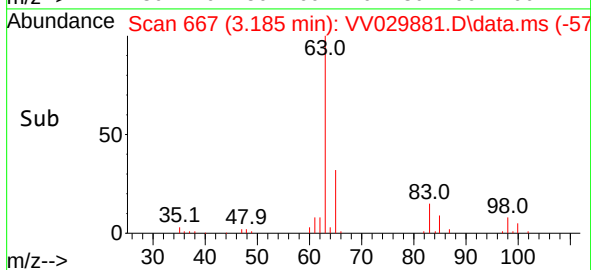
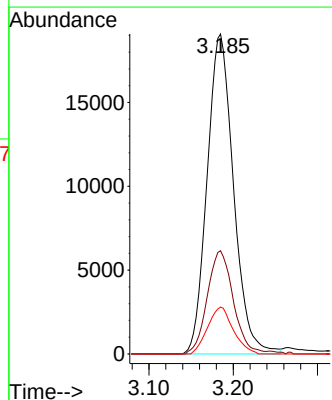
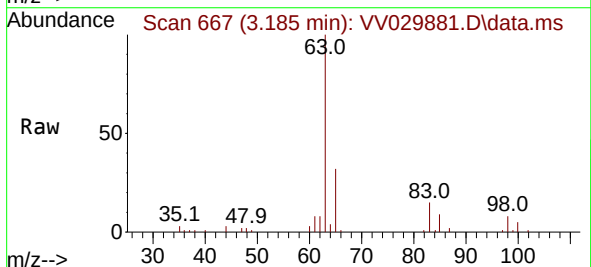
Instrument :
MSVOA_V
ClientSampleId :
BGJB8

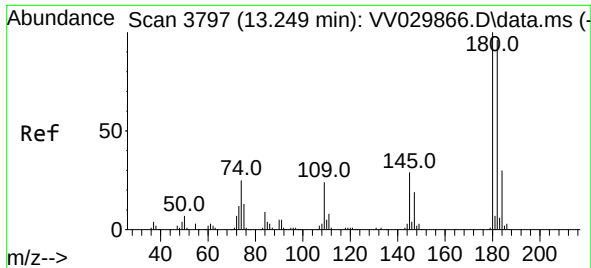
Tgt Ion: 96 Resp: 2069
Ion Ratio Lower Upper
96 100
61 109.9 86.1 159.9
98 64.9 43.9 81.5



#19
1,1-Dichloroethane
Concen: 1.736 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029881.D
Acq: 16 Jan 2023 17:14

Tgt Ion: 63 Resp: 41554
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 14.6 10.2 19.0

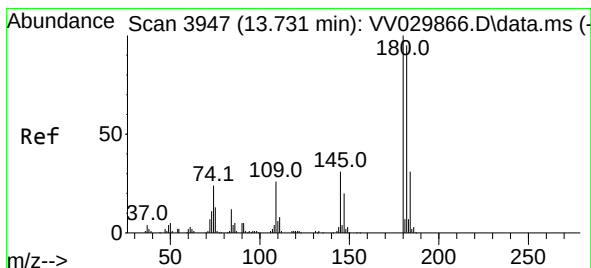
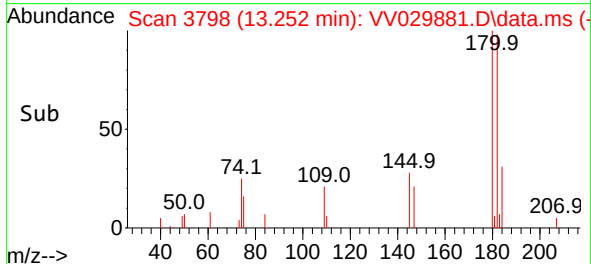
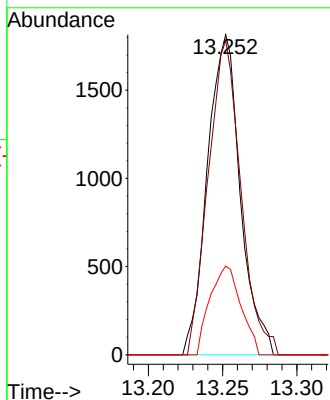
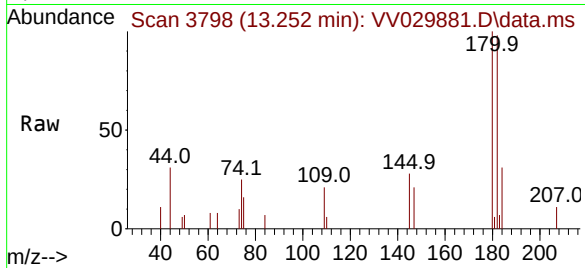




#70
1,2,4-trichlorobenzene
Concen: 0.147 ug/L
RT: 13.252 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV029881.D
Acq: 16 Jan 2023 17:14

Instrument :
MSVOA_V
ClientSampleId :
BGJB8

Tgt Ion:180 Resp: 2788
Ion Ratio Lower Upper
180 100
182 97.4 75.8 113.8
145 26.1 23.7 35.5



#72
1,2,3-Trichlorobenzene
Concen: 0.173 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV029881.D
Acq: 16 Jan 2023 17:14

Tgt Ion:180 Resp: 2736
Ion Ratio Lower Upper
180 100
182 98.5 75.5 113.3
145 30.4 25.0 37.6

