

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029868.D
 Acq On : 16 Jan 2023 11:30
 Operator : SY/MD
 Sample : 01136-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB4

Quant Time: Jan 17 00:37:31 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)

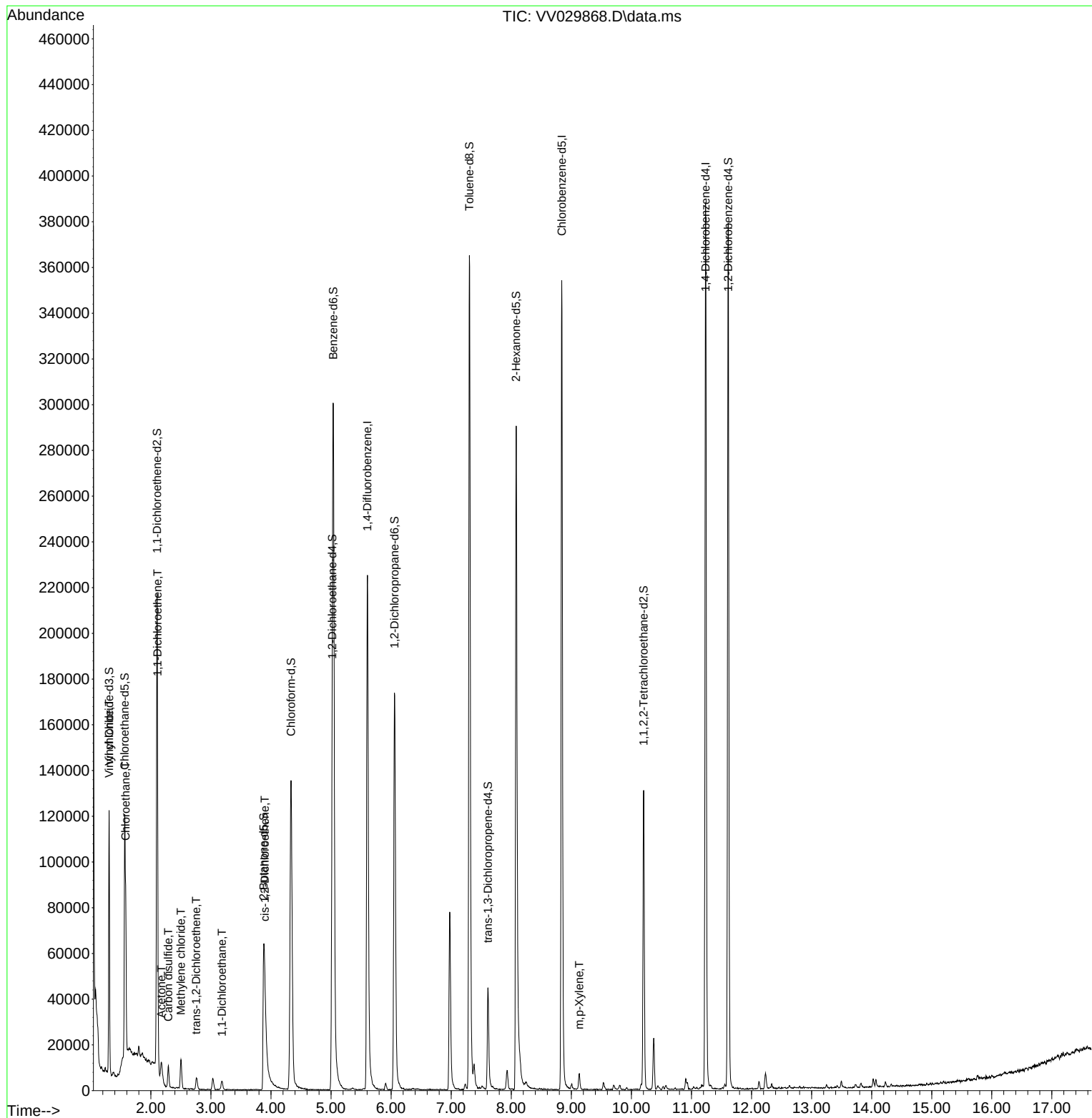
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	215408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	212331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	108474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66494	4.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.564	69	64493	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.101	63	107882	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.879	46	120316	41.547	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.100%
24) Chloroform-d	4.333	84	151331	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.018	65	64815	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.037	84	308571	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.056	67	94178	5.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.304	98	265701	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.612	79	29092	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.082	63	117441	42.850	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66324	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	102101	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	4980	0.241	ug/L #	56
8) Chloroethane	1.581	64	81336	6.479	ug/L	89
12) 1,1-Dichloroethene	2.111	96	2005	0.109	ug/L #	1
13) Acetone	2.175	43	11207	5.422	ug/L	92
14) Carbon disulfide	2.291	76	12787	0.241	ug/L	98
16) Methylene chloride	2.500	84	5834	0.255	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	815	0.048	ug/L	93
19) 1,1-Dichloroethane	3.182	63	4083	0.143	ug/L	97
22) cis-1,2-Dichloroethene	3.896	96	2107	0.116	ug/L	95
53) m,p-Xylene	9.130	106	2178	0.069	ug/L	95

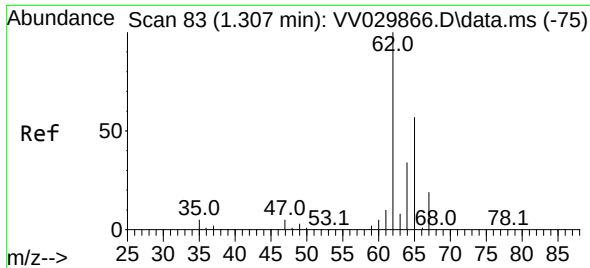
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 00:37:31 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

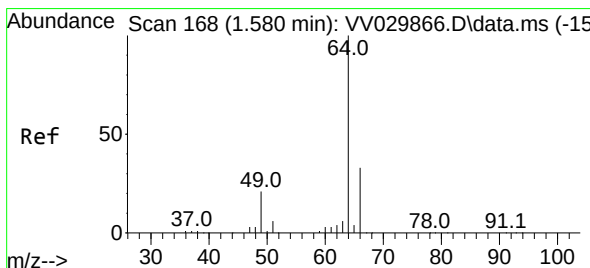
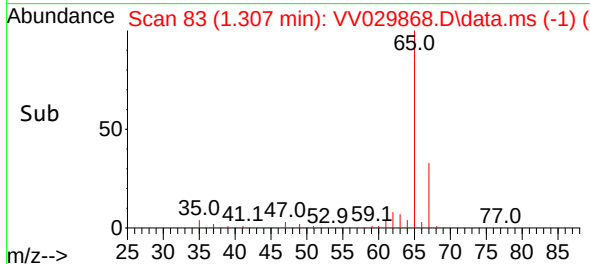
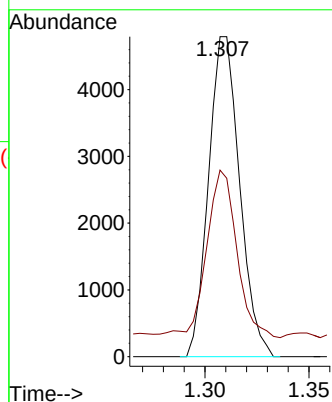
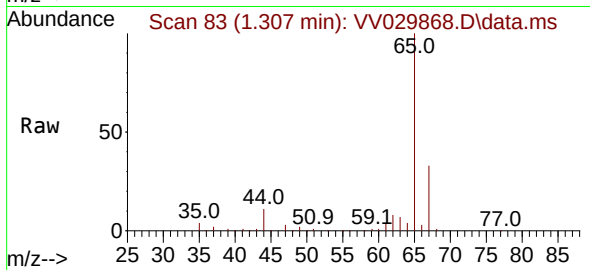




#5
 Vinyl chloride
 Concen: 0.241 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029868.D
 Acq: 16 Jan 2023 11:30

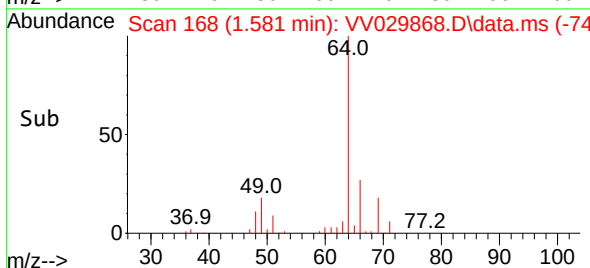
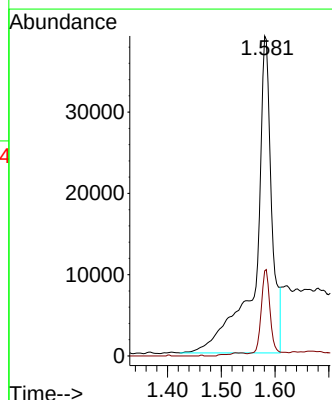
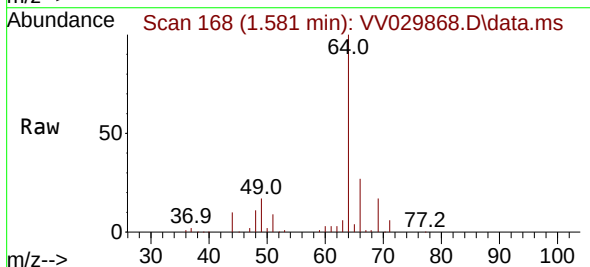
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB4

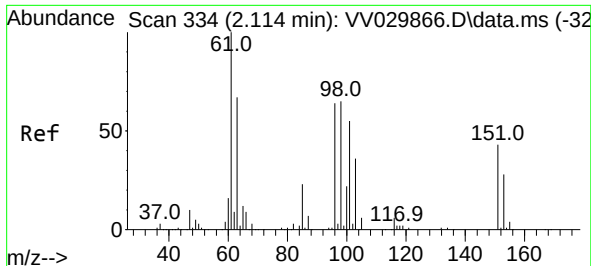
Tgt Ion: 62 Resp: 4980
 Ion Ratio Lower Upper
 62 100
 64 58.3 23.2 43.2#



#8
 Chloroethane
 Concen: 6.479 ug/L
 RT: 1.581 min Scan# 168
 Delta R.T. 0.003 min
 Lab File: VV029868.D
 Acq: 16 Jan 2023 11:30

Tgt Ion: 64 Resp: 81336
 Ion Ratio Lower Upper
 64 100
 66 26.6 22.9 42.5





#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029868.D

Acq: 16 Jan 2023 11:30

Instrument :

MSVOA_V

ClientSampleId :

BGJB4

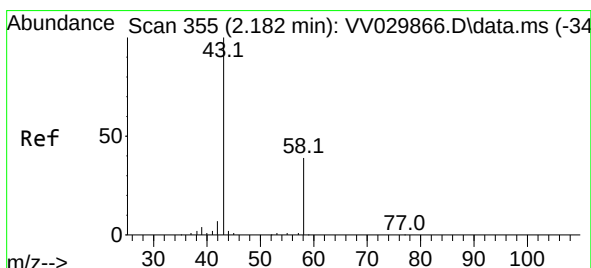
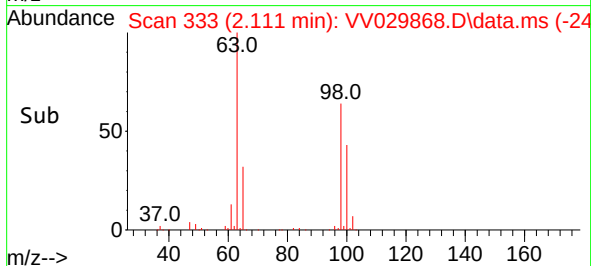
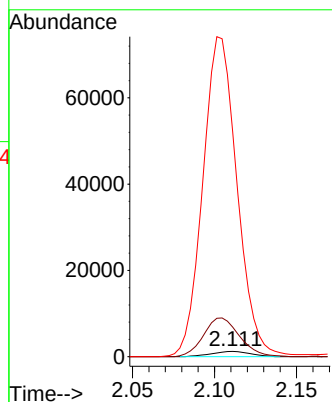
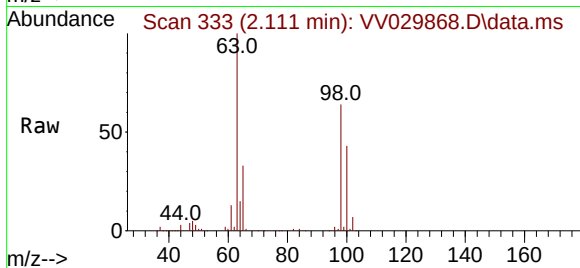
Tgt Ion: 96 Resp: 2005

Ion Ratio Lower Upper

96 100

61 553.5 106.1 197.1#

63 4209.2 76.4 141.8#



#13

Acetone

Concen: 5.422 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.023 min

Lab File: VV029868.D

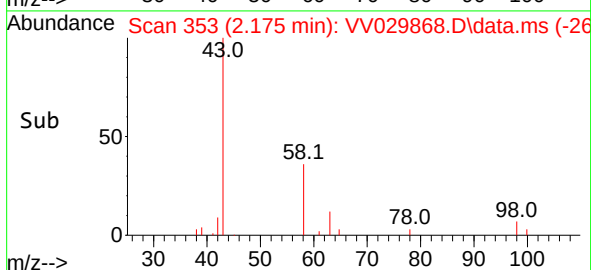
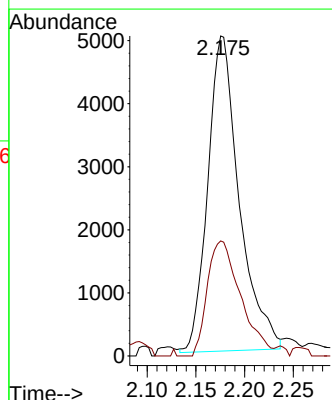
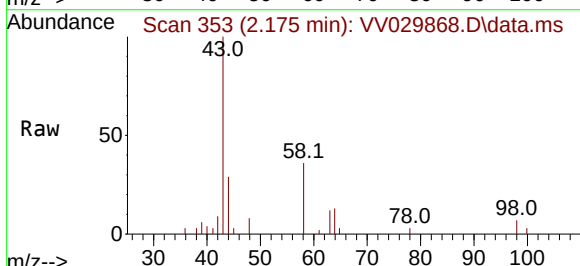
Acq: 16 Jan 2023 11:30

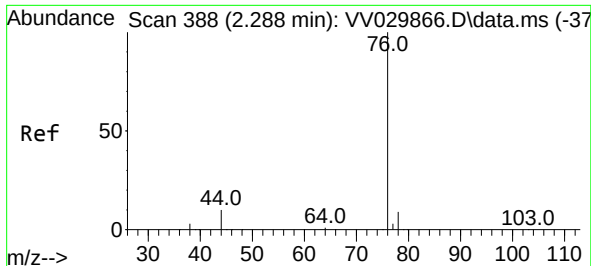
Tgt Ion: 43 Resp: 11207

Ion Ratio Lower Upper

43 100

58 38.8 0.0 68.8

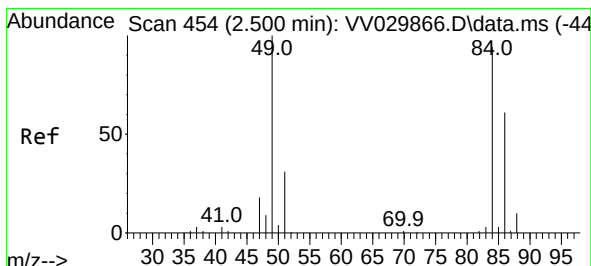
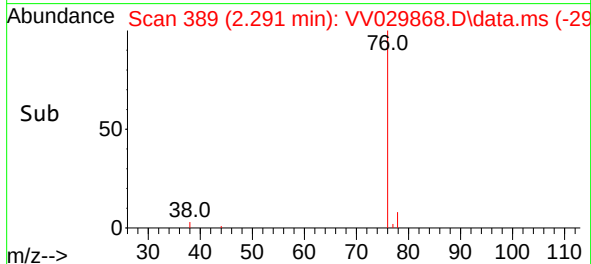
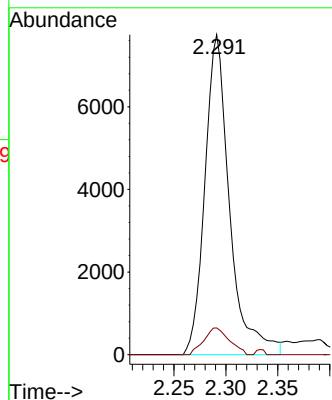
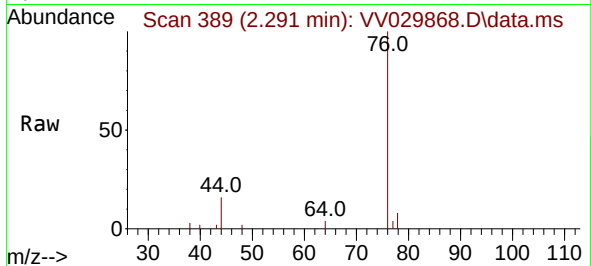




#14
Carbon disulfide
Concen: 0.241 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

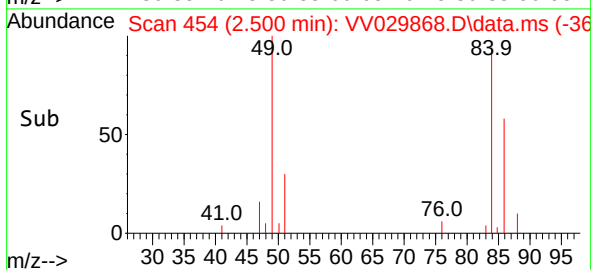
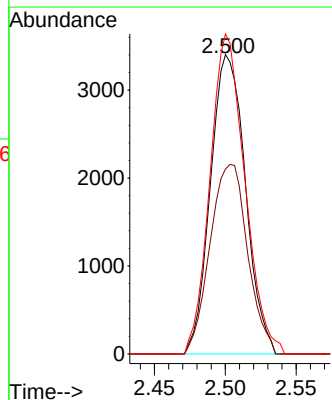
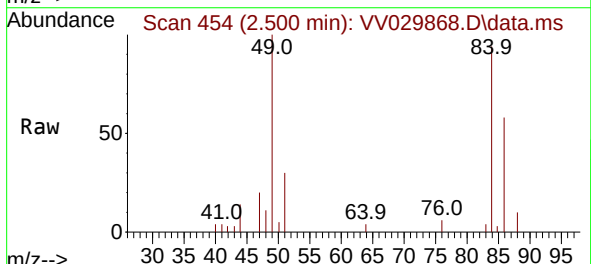
Instrument :
MSVOA_V
ClientSampleId :
BGJB4

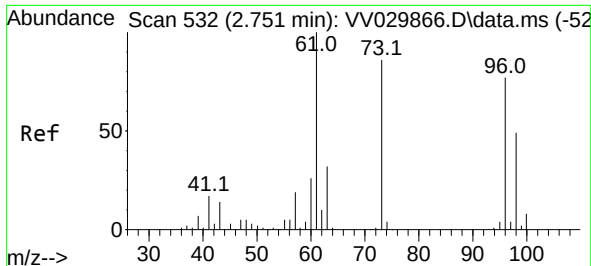
Tgt Ion: 76 Resp: 12787
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#16
Methylene chloride
Concen: 0.255 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 84 Resp: 5834
Ion Ratio Lower Upper
84 100
86 61.8 45.0 83.6
49 106.9 71.5 132.7

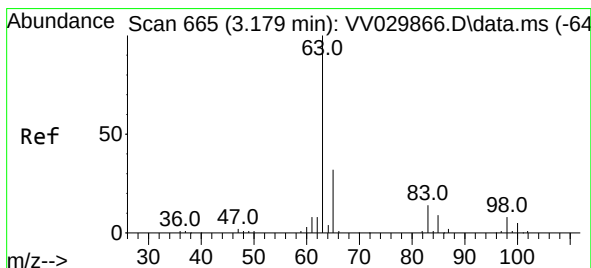
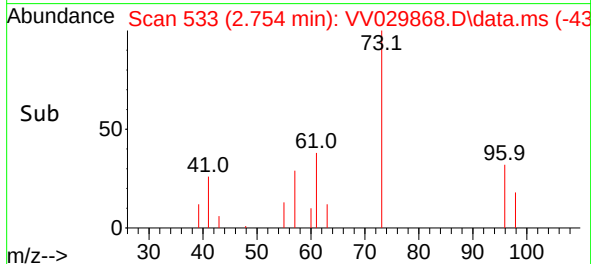
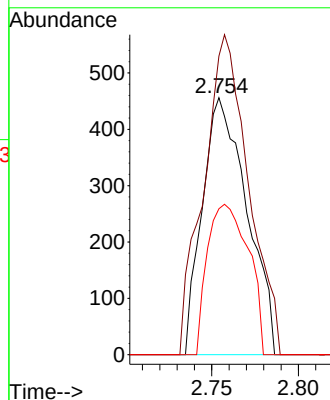
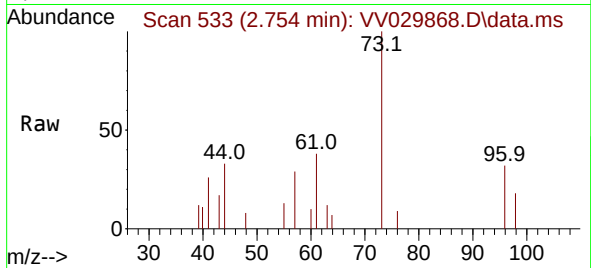




#18
trans-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

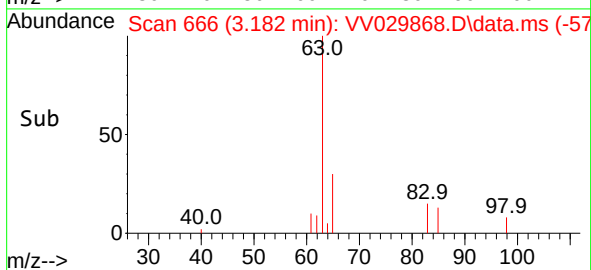
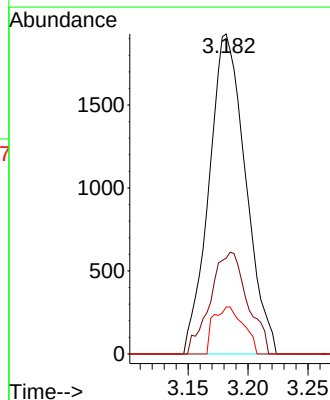
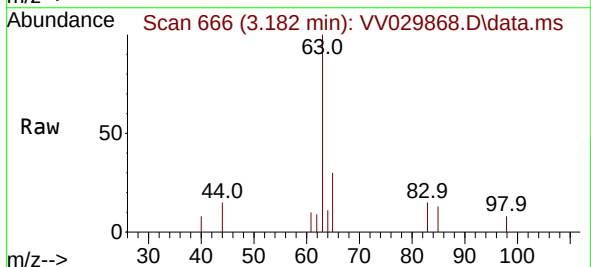
Instrument :
MSVOA_V
ClientSampleId :
BGJB4

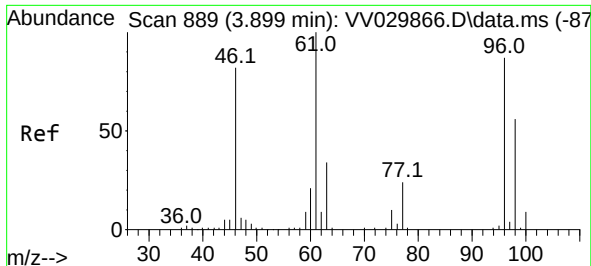
Tgt Ion: 96	Resp:	815
Ion	Ratio	Lower Upper
96	100	
61	116.2	86.1 159.9
98	56.8	43.9 81.5



#19
1,1-Dichloroethane
Concen: 0.143 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 63	Resp:	4083
Ion	Ratio	Lower Upper
63	100	
65	29.9	22.4 41.6
83	14.6	10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 3.896 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV029868.D

Acq: 16 Jan 2023 11:30

Instrument :

MSVOA_V

ClientSampleId :

BGJB4

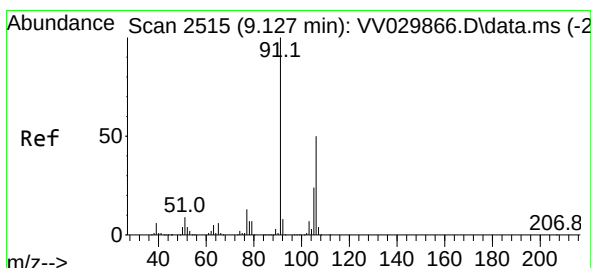
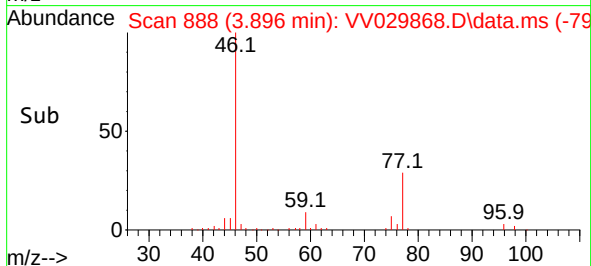
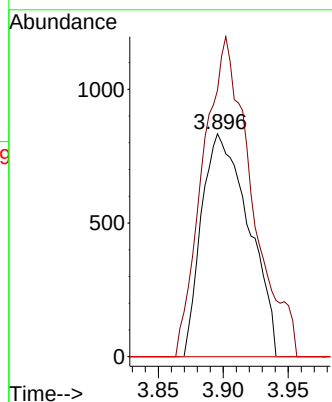
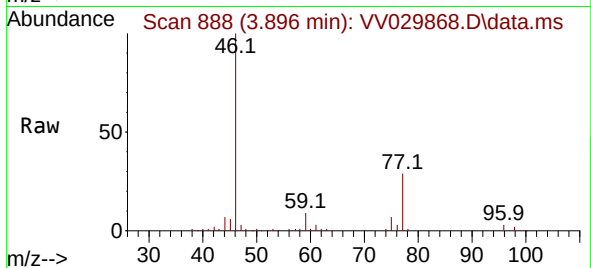
Tgt Ion: 96 Resp: 2107

Ion Ratio Lower Upper

96 100

61 119.4 80.0 148.6

68 0.0 0.0 0.0



#53

m,p-Xylene

Concen: 0.069 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029868.D

Acq: 16 Jan 2023 11:30

Tgt Ion:106 Resp: 2178

Ion Ratio Lower Upper

106 100

91 205.1 138.7 257.7

