

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029801.D
 Acq On : 13 Jan 2023 12:18
 Operator : SY/MD
 Sample : 01136-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC4

Quant Time: Jan 13 22:50:52 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)

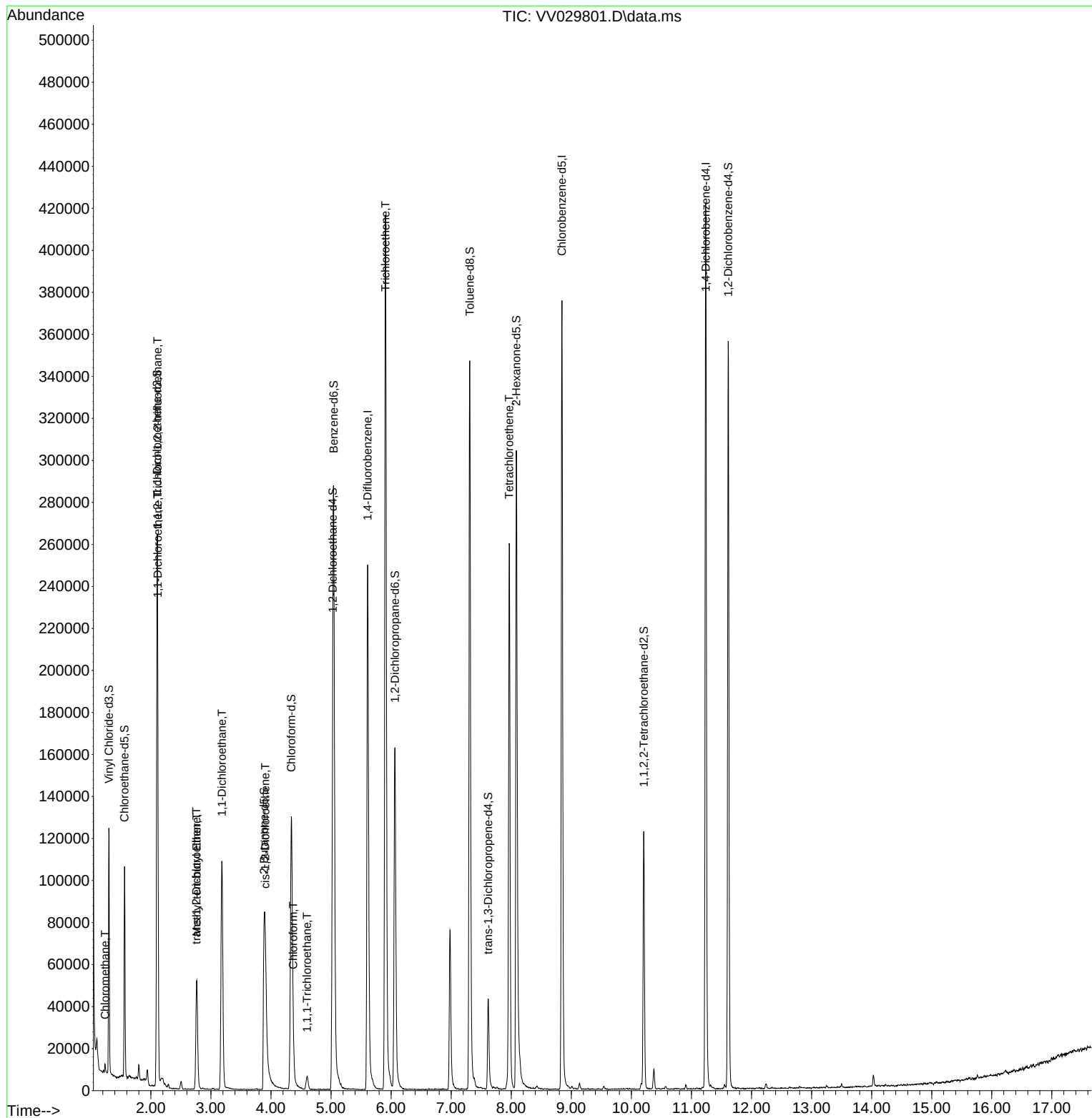
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	235116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	226950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	117761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71494	4.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.561	69	63479	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.105	63	111995	3.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.886	46	131839	41.710	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.420%
24) Chloroform-d	4.339	84	136894	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.027	65	60187	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.043	84	287757	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.063	67	88152	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.310	98	252106	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.616	79	28541	3.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.085	63	123667	42.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62510	4.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	96855	4.524	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	2724	0.118	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4566	0.262	ug/L	87
12) 1,1-Dichloroethene	2.114	96	37071	1.846	ug/L #	75
17) Methyl tert-butyl Ether	2.764	73	51293	1.478	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	1783	0.096	ug/L	91
19) 1,1-Dichloroethane	3.182	63	115436	3.697	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	18363	0.923	ug/L	89
25) Chloroform	4.371	83	12334	0.363	ug/L	93
29) 1,1,1-Trichloroethane	4.600	97	5445	0.185	ug/L	95
34) Trichloroethene	5.905	95	156536	8.232	ug/L	95
47) Tetrachloroethene	7.966	164	62171	3.883	ug/L	98

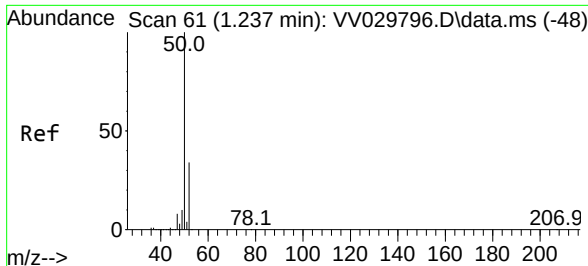
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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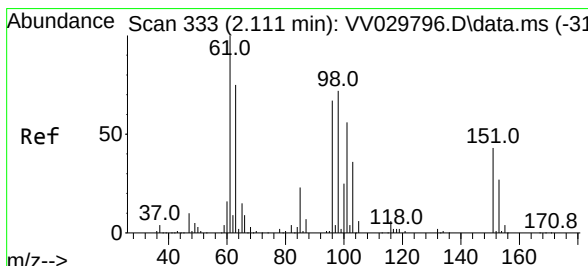
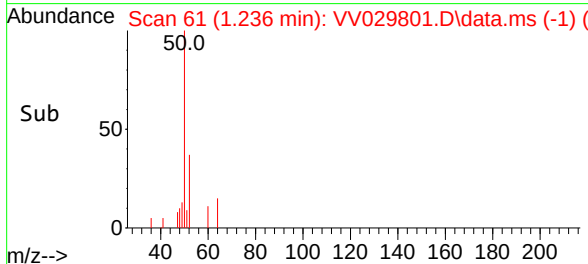
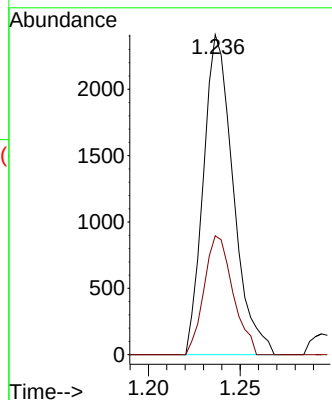
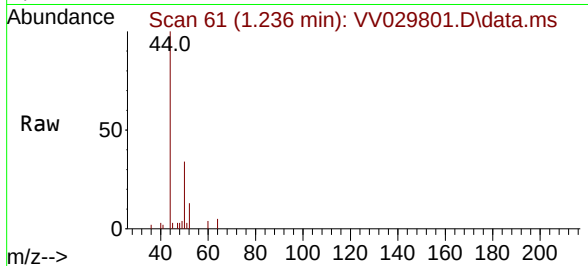




#3
Chloromethane
Concen: 0.118 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029801.D
Acq: 13 Jan 2023 12:18

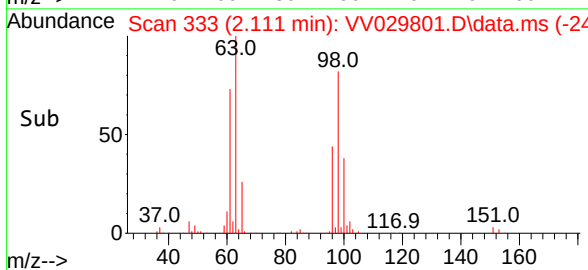
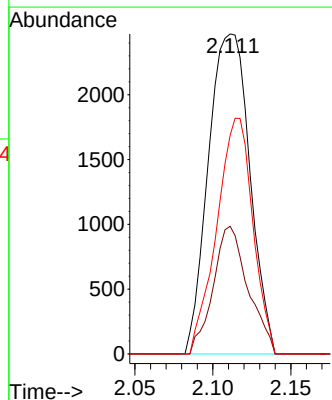
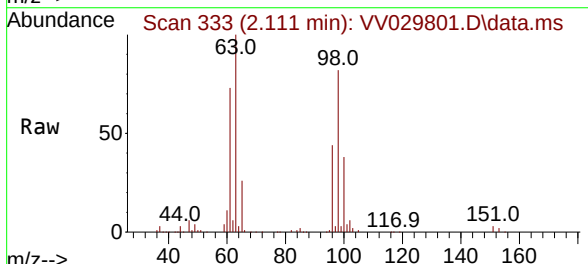
Instrument :
MSVOA_V
ClientSampleId :
BGJC4

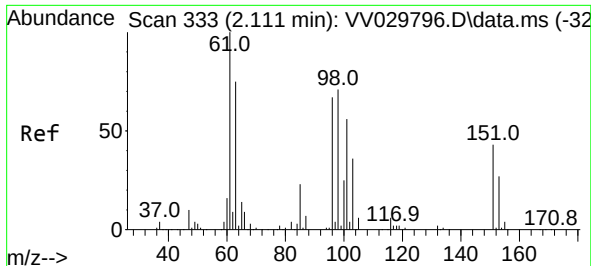
Tgt Ion: 50 Resp: 2724
Ion Ratio Lower Upper
50 100
52 37.2 23.1 42.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.262 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029801.D
Acq: 13 Jan 2023 12:18

Tgt Ion: 101 Resp: 4566
Ion Ratio Lower Upper
101 100
85 33.7 32.9 49.3
151 64.2 60.9 91.3

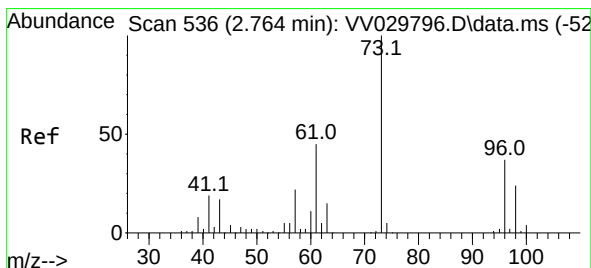
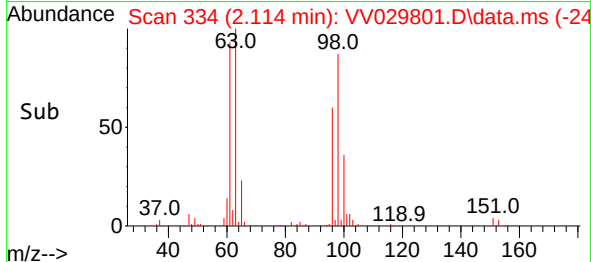
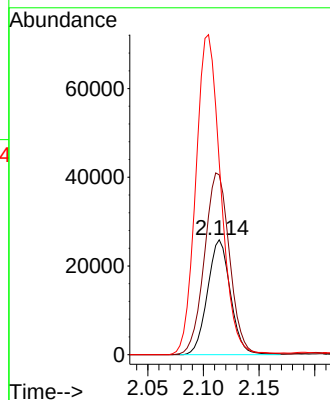
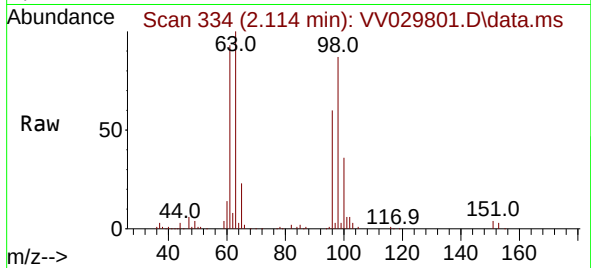




#12
1,1-Dichloroethene
Concen: 1.846 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029801.D
Acq: 13 Jan 2023 12:18

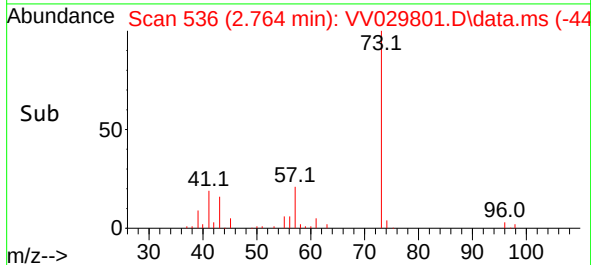
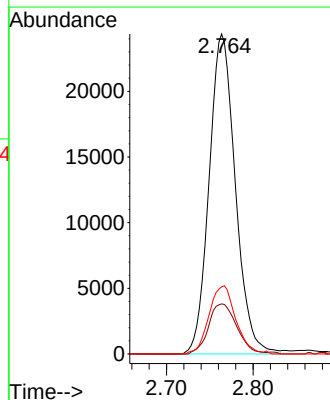
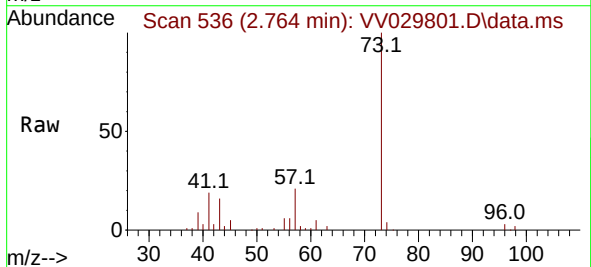
Instrument :
MSVOA_V
ClientSampleId :
BGJC4

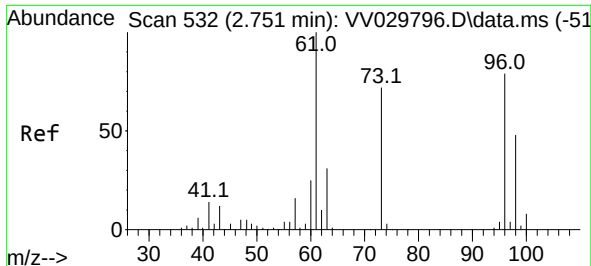
Tgt Ion: 96 Resp: 37071
Ion Ratio Lower Upper
96 100
61 156.5 106.1 197.1
63 167.4 76.4 141.8#



#17
Methyl tert-butyl Ether
Concen: 1.478 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029801.D
Acq: 13 Jan 2023 12:18

Tgt Ion: 73 Resp: 51293
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 21.8 17.1 25.7

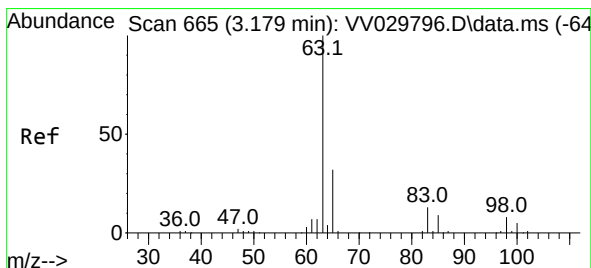
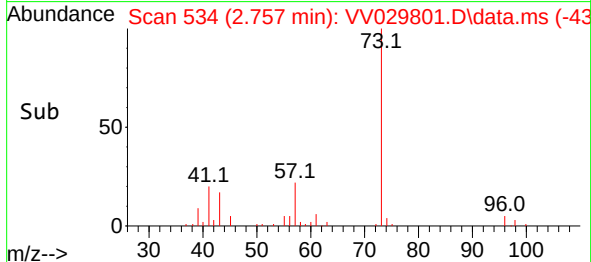
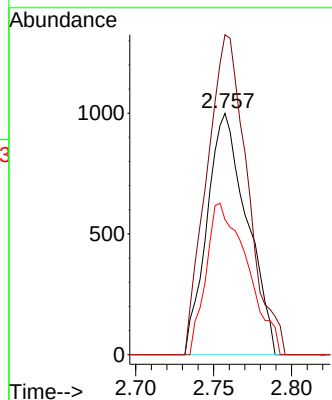
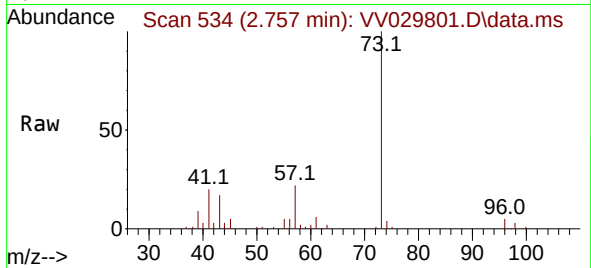




#18
trans-1,2-Dichloroethene
Concen: 0.096 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029801.D
Acq: 13 Jan 2023 12:18

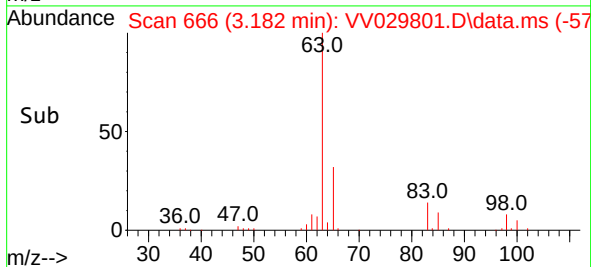
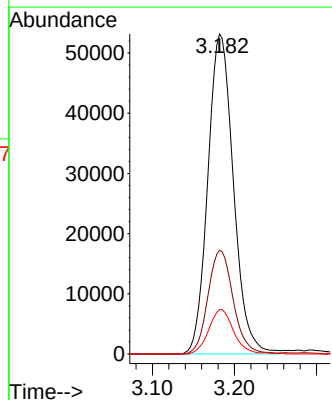
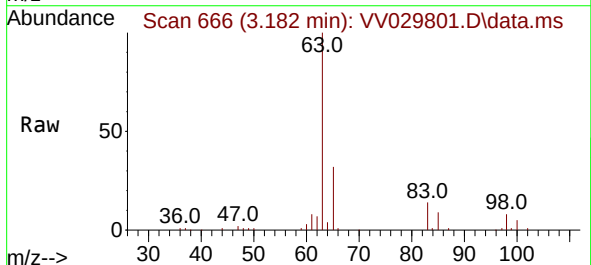
Instrument :
MSVOA_V
ClientSampleId :
BGJC4

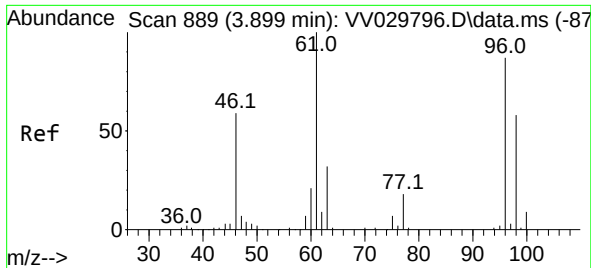
Tgt Ion: 96 Resp: 1783
Ion Ratio Lower Upper
96 100
61 132.6 86.1 159.9
98 56.0 43.9 81.5



#19
1,1-Dichloroethane
Concen: 3.697 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029801.D
Acq: 13 Jan 2023 12:18

Tgt Ion: 63 Resp: 115436
Ion Ratio Lower Upper
63 100
65 32.4 22.4 41.6
83 13.8 10.2 19.0

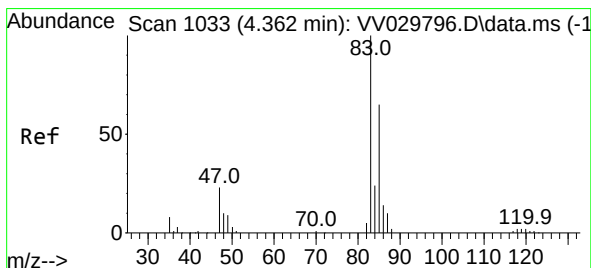
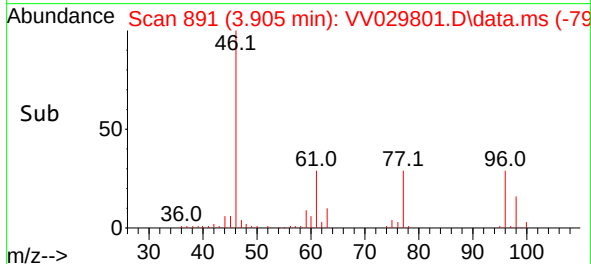
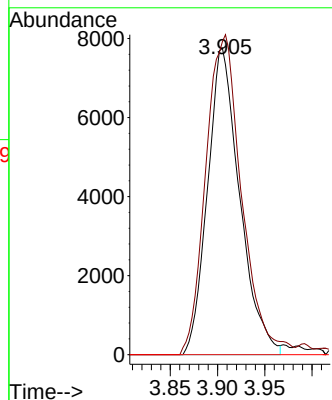
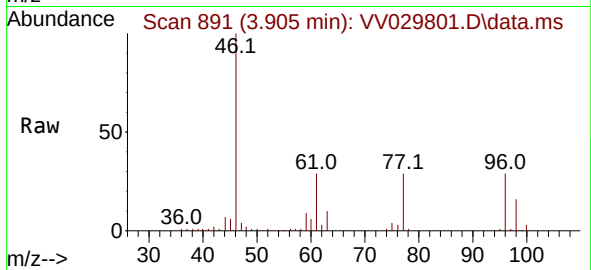




#22
 cis-1,2-Dichloroethene
 Concen: 0.923 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029801.D
 Acq: 13 Jan 2023 12:18

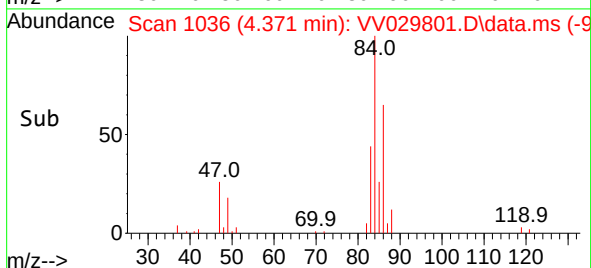
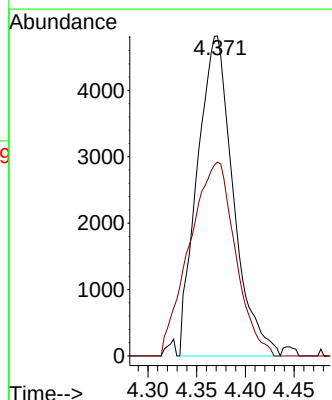
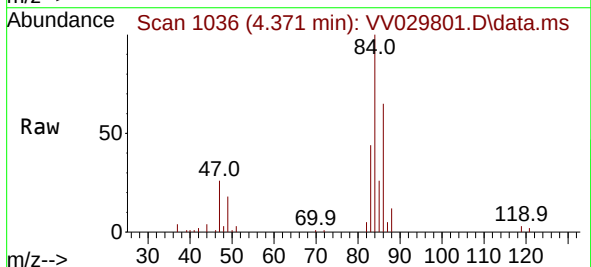
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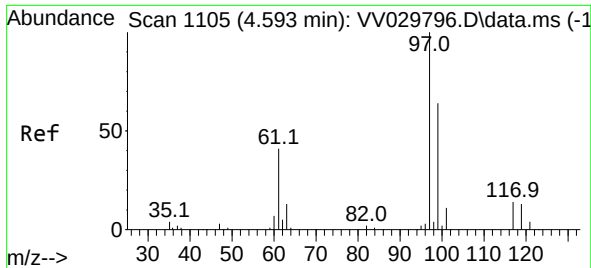
Tgt Ion: 96 Resp: 18363
 Ion Ratio Lower Upper
 96 100
 61 102.2 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.363 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.010 min
 Lab File: VV029801.D
 Acq: 13 Jan 2023 12:18

Tgt Ion: 83 Resp: 12334
 Ion Ratio Lower Upper
 83 100
 85 60.6 46.5 86.5





#29

1,1,1-Trichloroethane

Concen: 0.185 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029801.D

Acq: 13 Jan 2023 12:18

Instrument :

MSVOA_V

ClientSampleId :

BGJC4

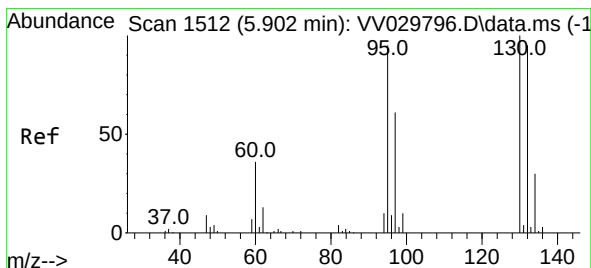
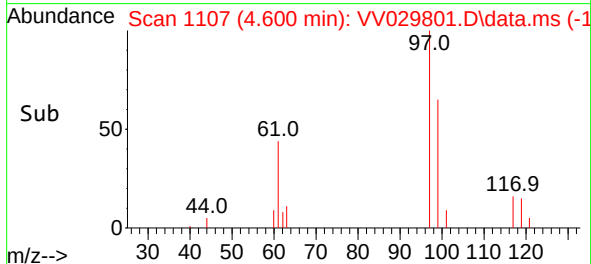
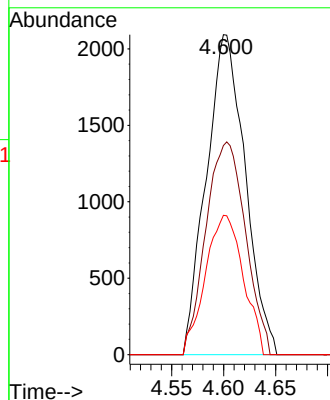
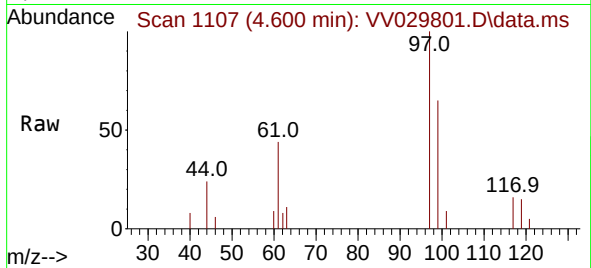
Tgt Ion: 97 Resp: 5445

Ion Ratio Lower Upper

97 100

99 67.8 51.3 76.9

61 42.4 31.6 47.4



#34

Trichloroethene

Concen: 8.232 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029801.D

Acq: 13 Jan 2023 12:18

Tgt Ion: 95 Resp: 156536

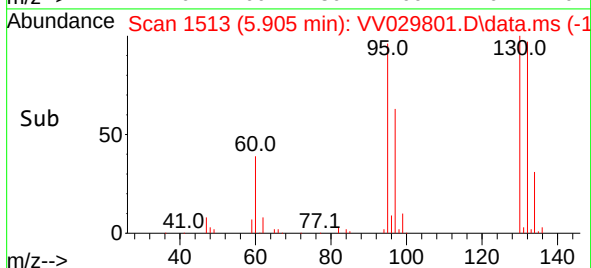
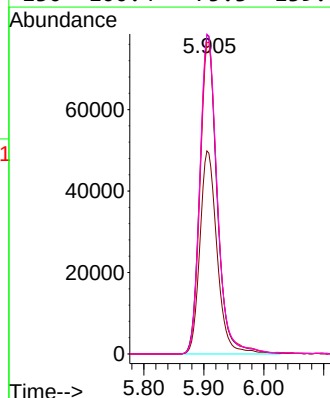
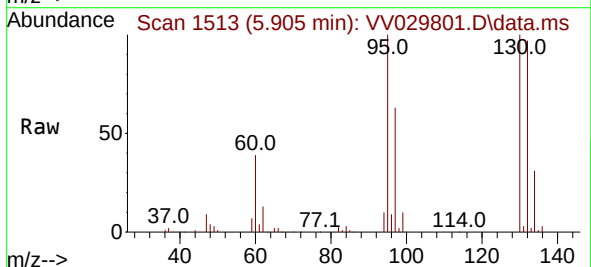
Ion Ratio Lower Upper

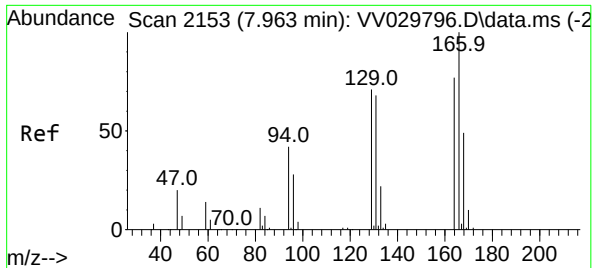
95 100

97 63.7 44.9 83.3

132 97.8 71.8 133.4

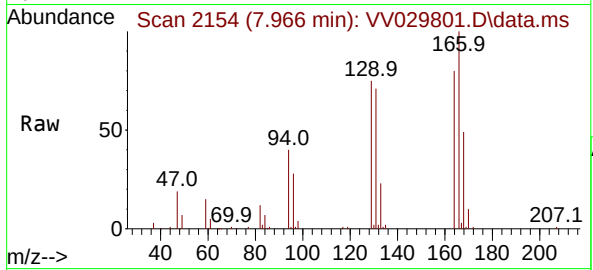
130 100.4 75.3 139.8





#47
 Tetrachloroethene
 Concen: 3.883 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VV029801.D
 Acq: 13 Jan 2023 12:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC4



Tgt Ion:	164	Resp:	62171
Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.5	119.7
131	89.3	62.9	116.7
166	125.7	90.7	168.5

