

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029291.D
 Acq On : 23 Nov 2022 03:05
 Operator : SY/MD
 Sample : N5652-13DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

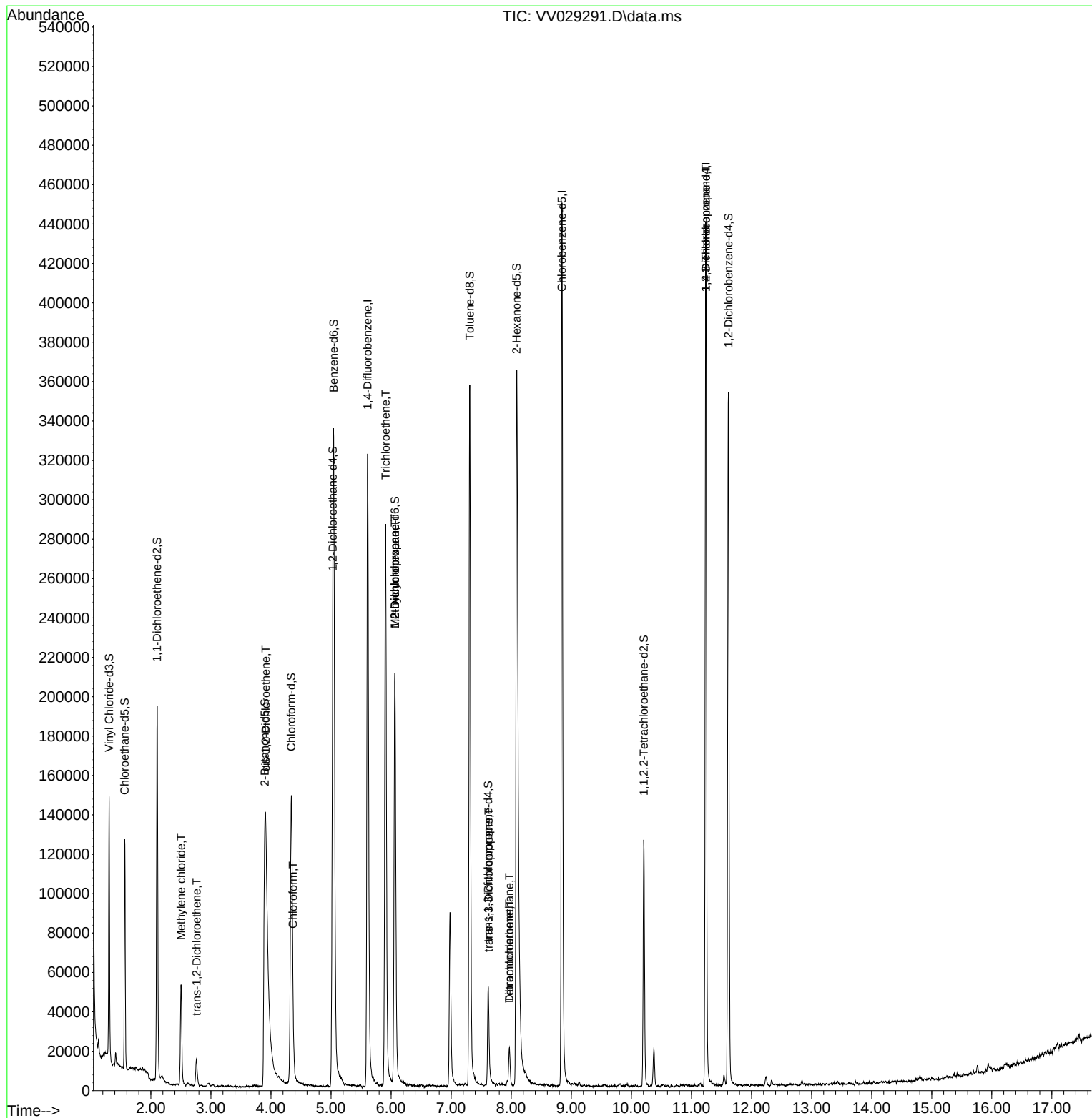
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	275066	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	109321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84161	3.208	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.200%	
7) Chloroethane-d5	1.564	69	75381	3.670	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.104	63	105880	2.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.400%#	
20) 2-Butanone-d5	3.895	46	226617	58.511	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.020%	
24) Chloroform-d	4.339	84	151838	4.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
26) 1,2-Dichloroethane-d4	5.027	65	79705	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.043	84	306159	3.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
36) 1,2-Dichloropropane-d6	6.063	67	107851	4.326	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.310	98	239924	3.375	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.400%#	
43) trans-1,3-Dichloroprop...	7.616	79	30918	3.724	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.088	63	95109	63.911	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.820%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63331	5.110	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	86087	4.082	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.600%	
Target Compounds						Qvalue
16) Methylene chloride	2.503	84	20922	0.655	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	4866	0.236	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	12972	0.576	ug/L	85
25) Chloroform	4.365	83	6863	0.174	ug/L	79
34) Trichloroethene	5.908	95	102309	4.411	ug/L	97
35) Methylcyclohexane	6.063	83	23403	0.624	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	11320	0.495	ug/L #	88
44) trans-1,3-Dichloropropene	7.622	75	1685	0.074	ug/L #	70
47) Tetrachloroethene	7.969	164	4119	0.270	ug/L	99
49) Dibromochloromethane	7.969	129	4199	0.296	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	16243	1.553	ug/L #	67

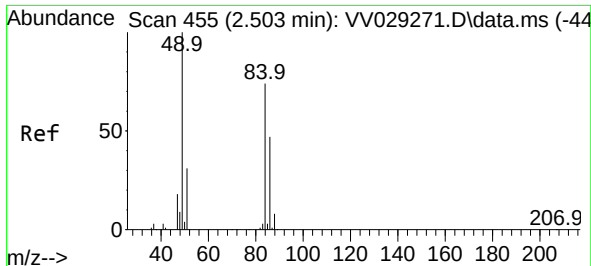
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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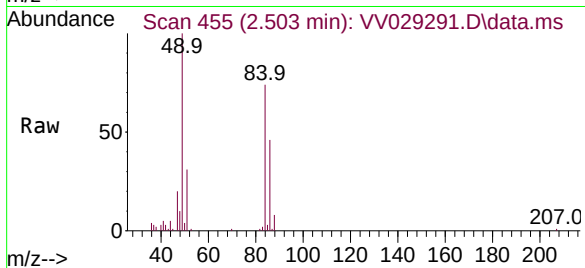
Quant Time: Nov 23 04:49:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
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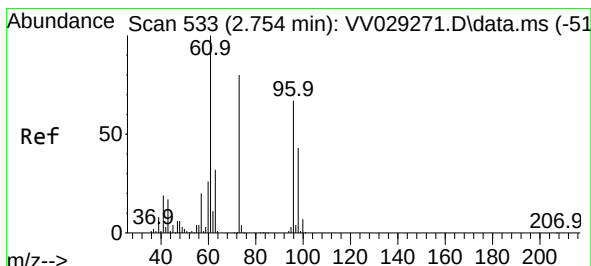
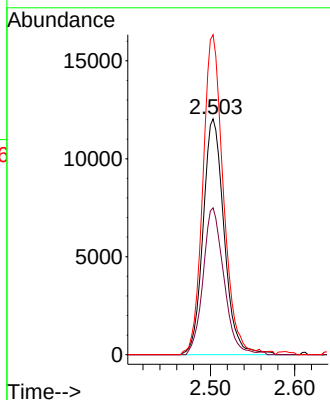
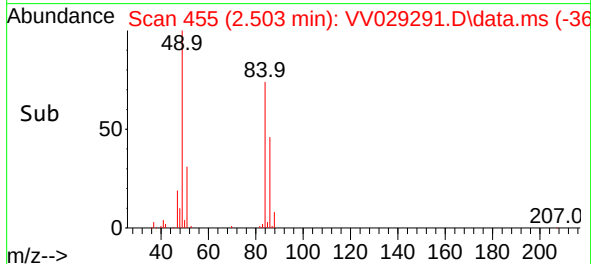


#16
Methylene chloride
Concen: 0.655 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029291.D
Acq: 23 Nov 2022 03:05

Instrument :
MSVOA_V
ClientSampleId :

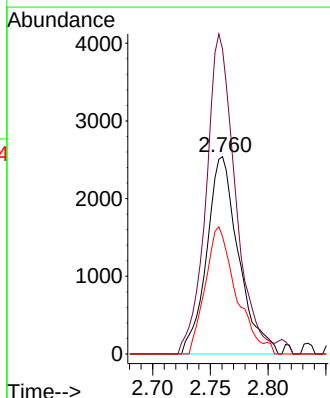
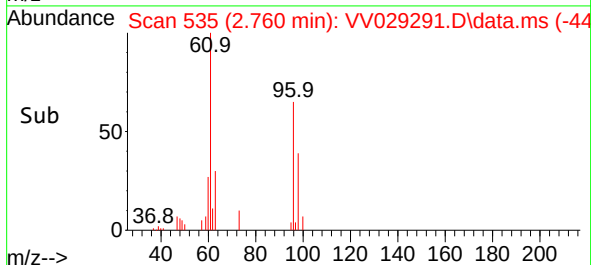
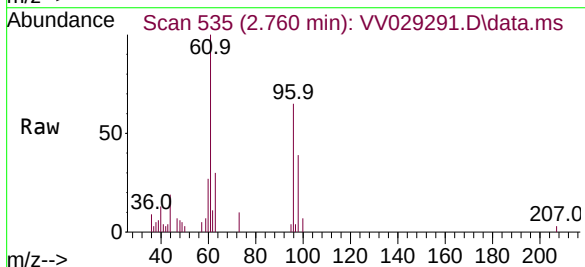


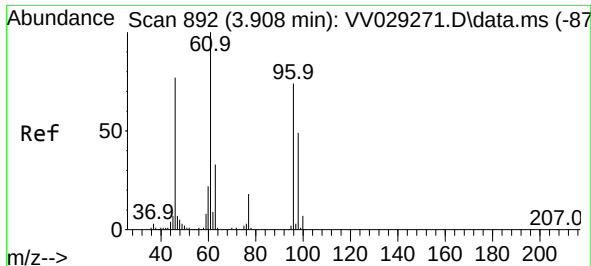
Tgt Ion: 84 Resp: 20922
Ion Ratio Lower Upper
84 100
86 62.3 44.2 82.2
49 135.7 91.9 170.7



#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029291.D
Acq: 23 Nov 2022 03:05

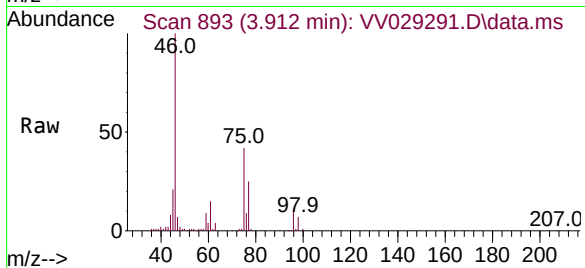
Tgt Ion: 96 Resp: 4866
Ion Ratio Lower Upper
96 100
61 154.5 107.6 199.8
98 59.5 44.3 82.3



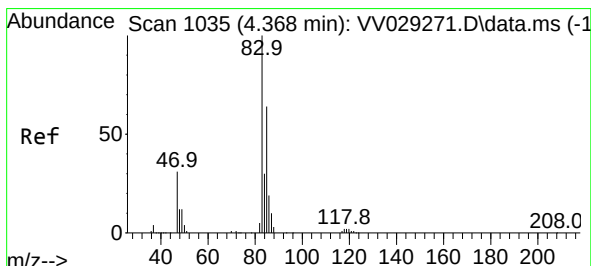
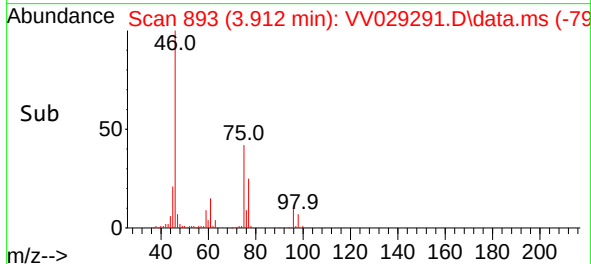
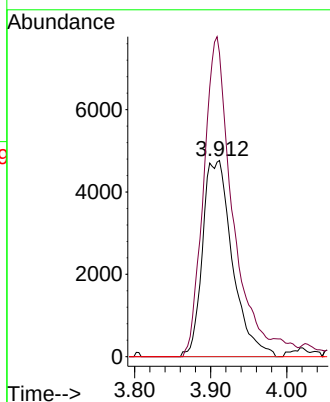


#22
 cis-1,2-Dichloroethene
 Concen: 0.576 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV029291.D
 Acq: 23 Nov 2022 03:05

Instrument :
 MSVOA_V
 ClientSampleId :

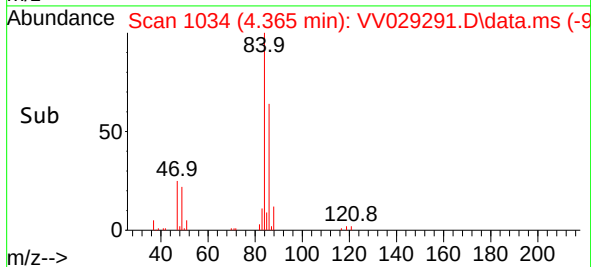
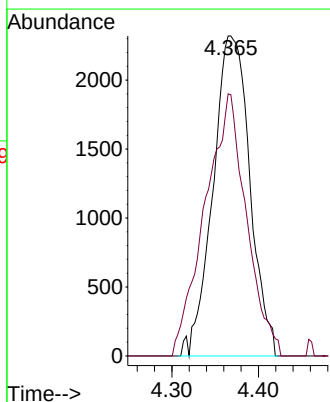
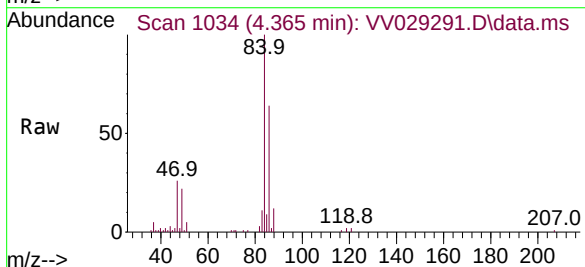


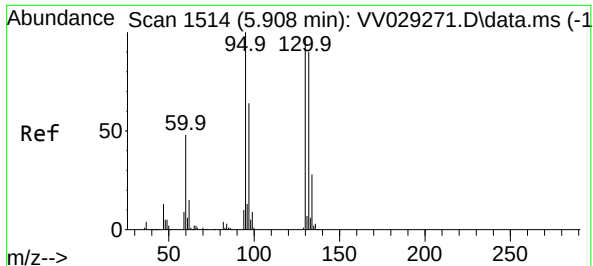
Tgt Ion: 96 Resp: 12972
 Ion Ratio Lower Upper
 96 100
 61 154.8 95.8 178.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.174 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VV029291.D
 Acq: 23 Nov 2022 03:05

Tgt Ion: 83 Resp: 6863
 Ion Ratio Lower Upper
 83 100
 85 81.9 45.6 84.6





#34

Trichloroethene

Concen: 4.411 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

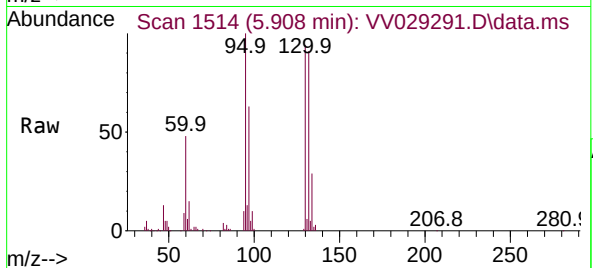
Lab File: VV029291.D

Acq: 23 Nov 2022 03:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 102309

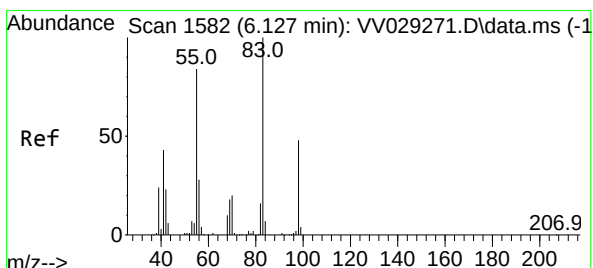
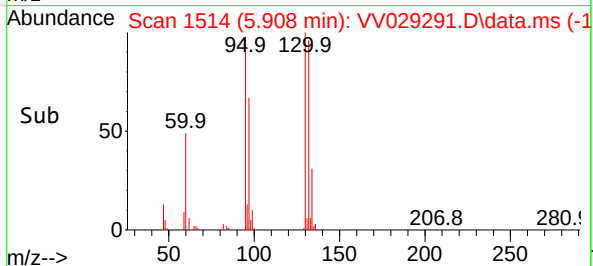
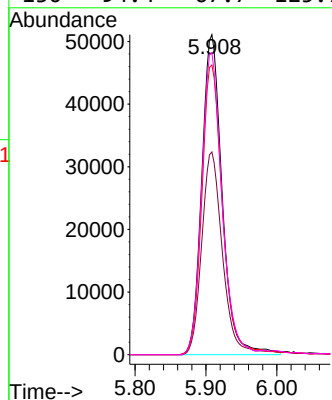
Ion Ratio Lower Upper

95 100

97 63.4 46.7 86.7

132 90.6 65.7 122.1

130 94.4 67.7 125.7



#35

Methylcyclohexane

Concen: 0.624 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV029291.D

Acq: 23 Nov 2022 03:05

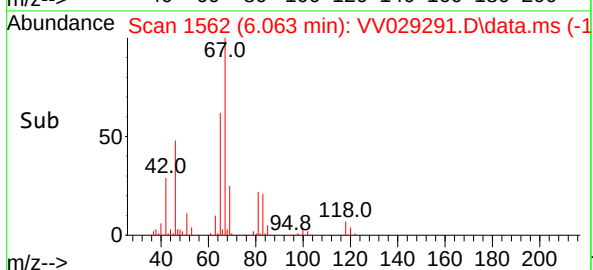
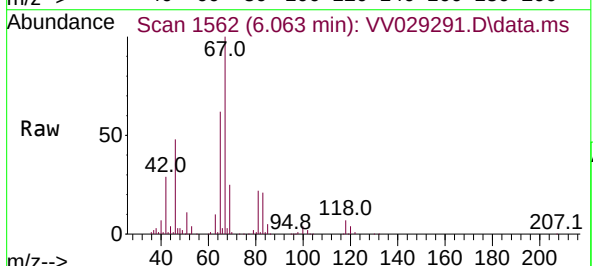
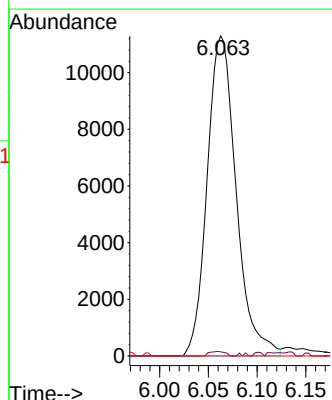
Tgt Ion: 83 Resp: 23403

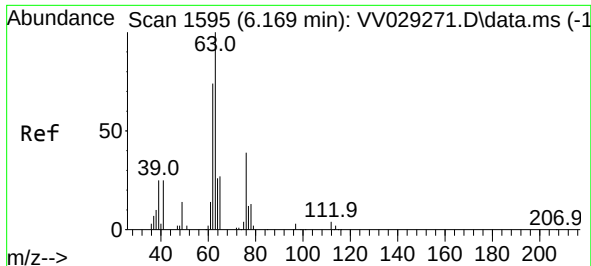
Ion Ratio Lower Upper

83 100

55 0.8 65.7 98.5#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029291.D

Acq: 23 Nov 2022 03:05

Instrument :

MSVOA_V

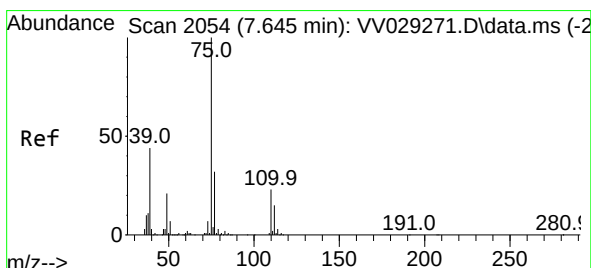
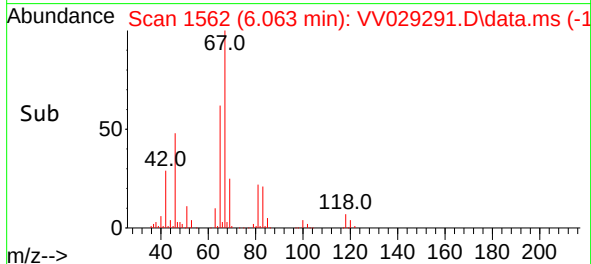
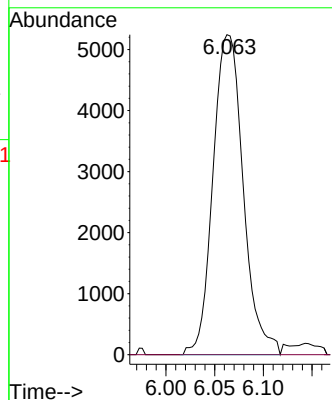
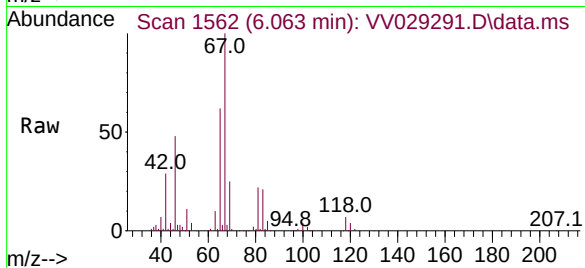
ClientSampleId :

Tgt Ion: 63 Resp: 11320

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.023 min

Lab File: VV029291.D

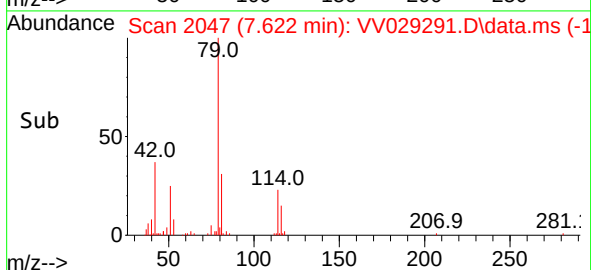
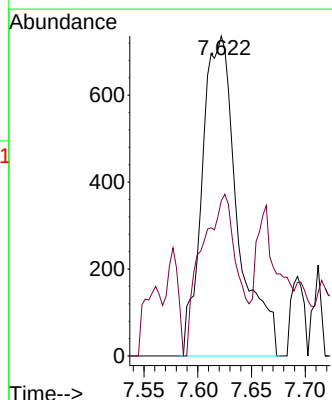
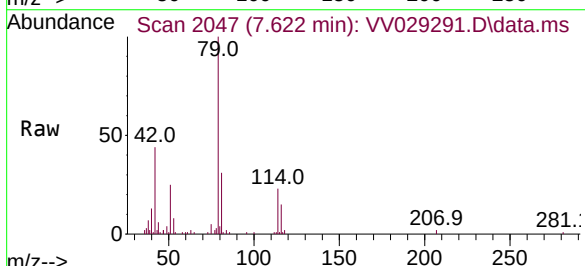
Acq: 23 Nov 2022 03:05

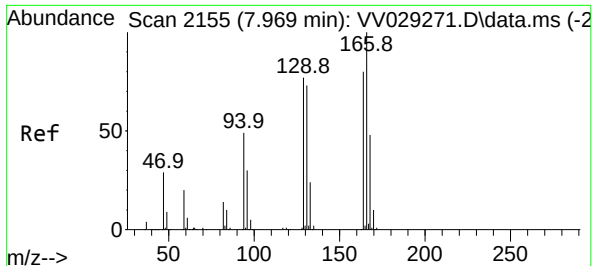
Tgt Ion: 75 Resp: 1685

Ion Ratio Lower Upper

75 100

77 48.5 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.270 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

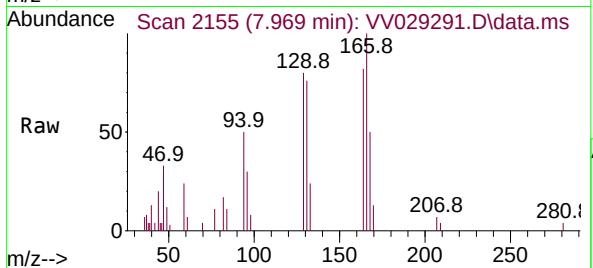
Lab File: VV029291.D

Acq: 23 Nov 2022 03:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 4119

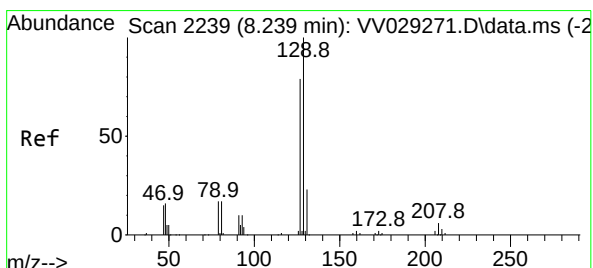
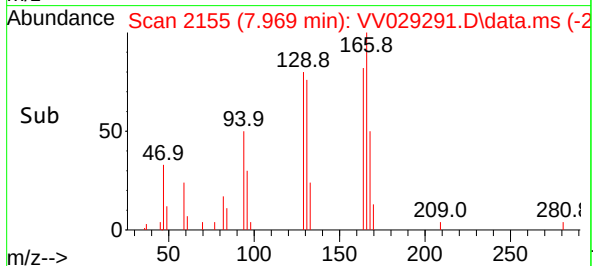
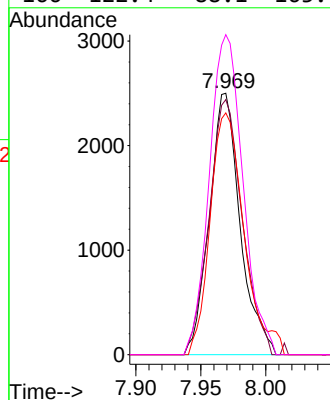
Ion Ratio Lower Upper

164 100

129 97.5 68.3 126.8

131 92.4 65.2 121.0

166 122.4 88.1 163.7



#49

Dibromochloromethane

Concen: 0.296 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029291.D

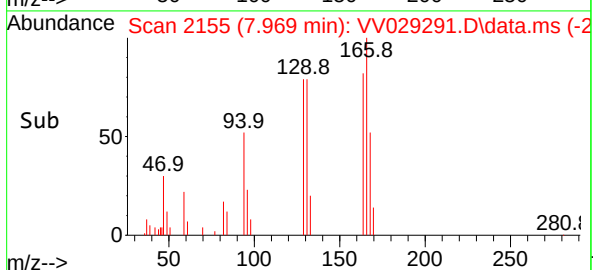
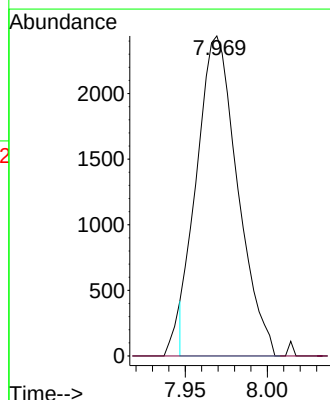
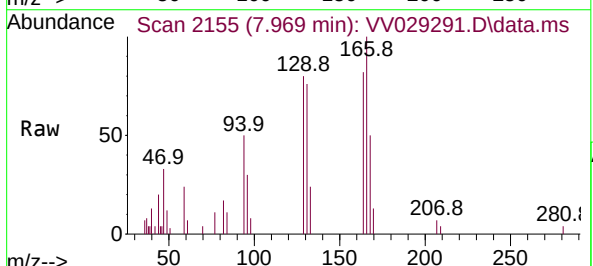
Acq: 23 Nov 2022 03:05

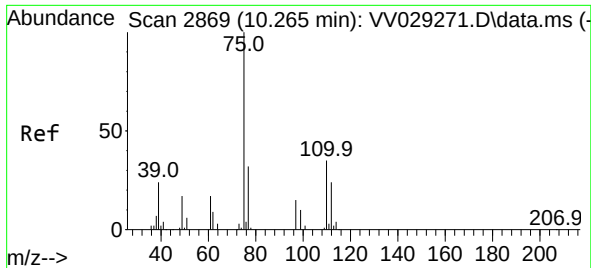
Tgt Ion:129 Resp: 4199

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#





#61

1,2,3-Trichloropropane

Concen: 1.553 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.974 min

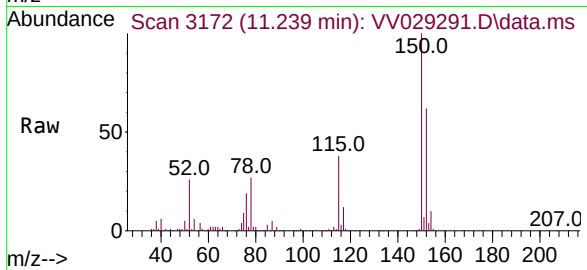
Lab File: VV029291.D

Acq: 23 Nov 2022 03:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 16243

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

110 2.4 29.6 44.4#

