

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026280.D
 Acq On : 15 Jun 2022 16:09
 Operator : SY/MD
 Sample : N3275-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD4

Quant Time: Jun 16 01:40:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	191261	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	185870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	77216	4.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.577	69	62689	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.118	63	105617	3.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.918	46	92738	57.211	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%
24) Chloroform-d	4.359	84	122746	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.040	65	50610	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.056	84	240194	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.076	67	72330	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	195111	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.629	79	18739	3.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.092	63	69896	49.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43682	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	65120	5.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.764	101	45181	1.983	ug/L	96
13) Acetone	2.204	43	61308	48.804	ug/L	88
15) Methyl Acetate	2.423	43	12630	4.190	ug/L #	48
21) 2-Butanone	4.024	43	2923	1.798	ug/L	81
25) Chloroform	4.391	83	2304	0.095	ug/L	86
27) 1,2-Dichloroethane	5.053	62	1480	0.134	ug/L #	71
31) Carbon tetrachloride	4.844	117	827	0.048	ug/L	88
34) Trichloroethene	5.924	95	6115	0.470	ug/L	94
35) Methylcyclohexane	6.076	83	17438	0.969	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7888	0.633	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1262	0.089	ug/L #	32
44) trans-1,3-Dichloropropene	7.635	75	831	0.073	ug/L	86
47) Tetrachloroethene	7.976	164	47643	4.944	ug/L	97
49) Dibromochloromethane	7.976	129	47026	5.191	ug/L #	9
61) 1,2,3-Trichloropropane	10.011	75	1695	0.329	ug/L #	39
68) 1,2-Dibromo-3-chloropr...	12.243	75	173	0.190	ug/L #	3

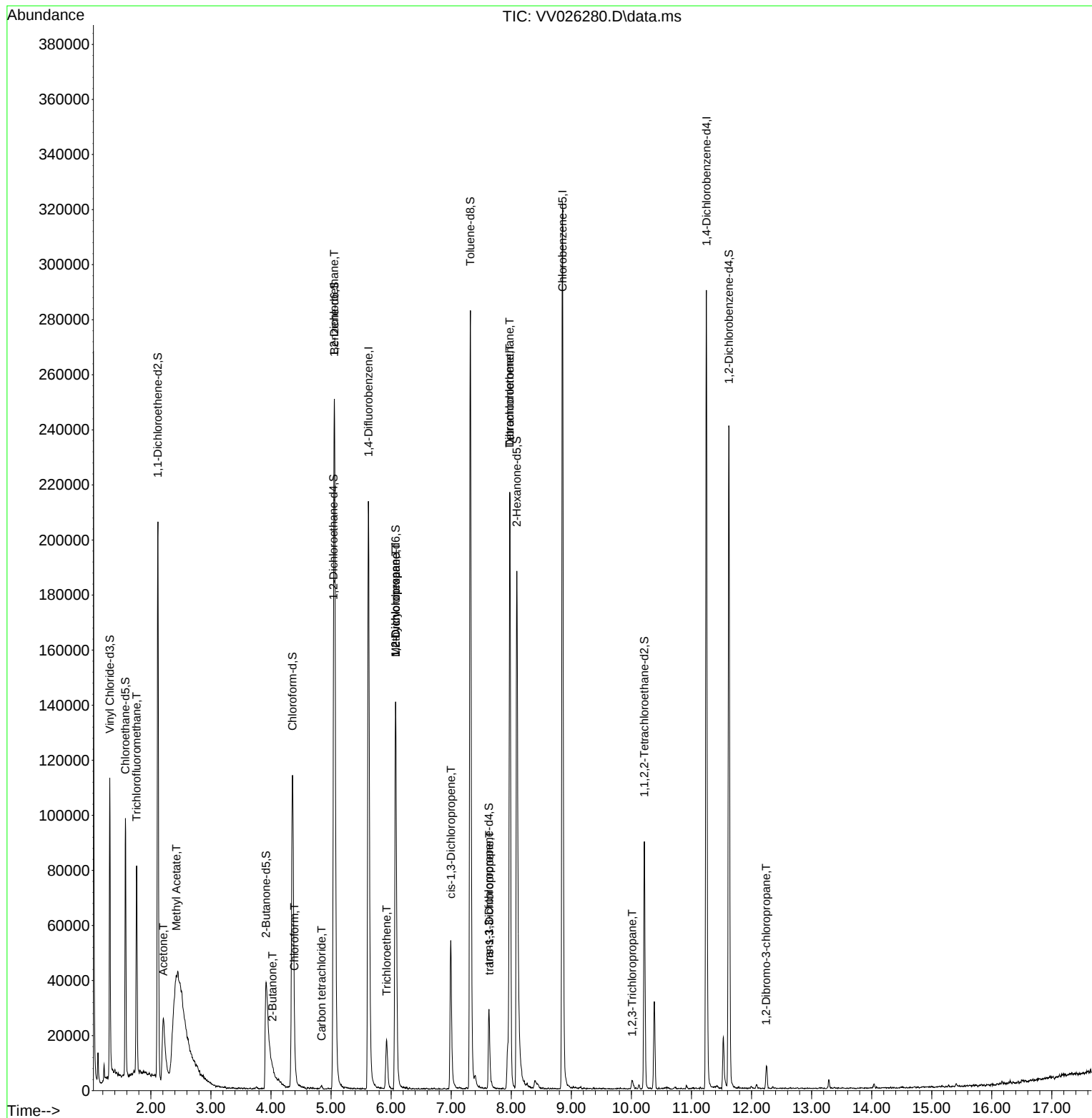
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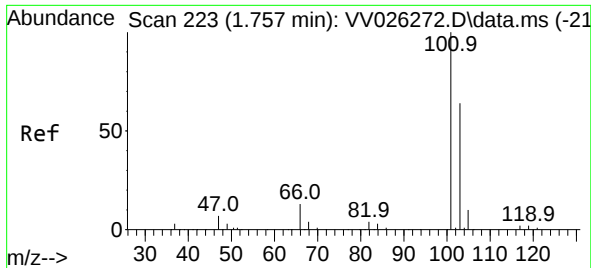
Instrument :
MSVOA_V
ClientSampleId :
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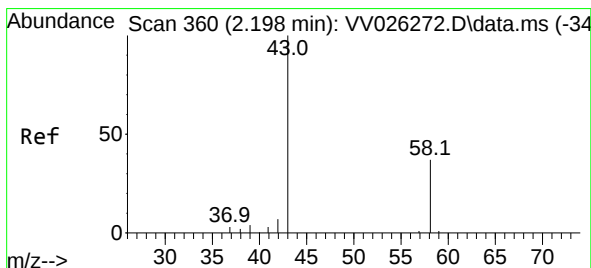
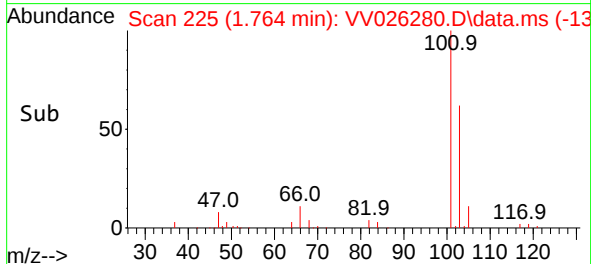
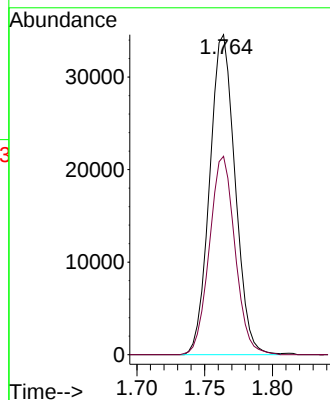
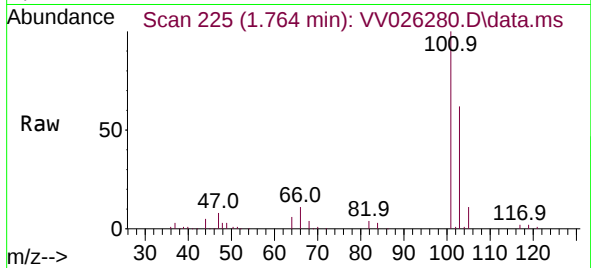




#9
Trichlorofluoromethane
Concen: 1.983 ug/L
RT: 1.764 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

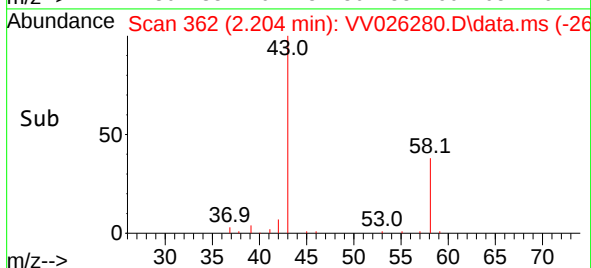
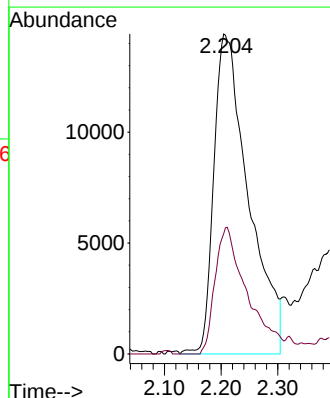
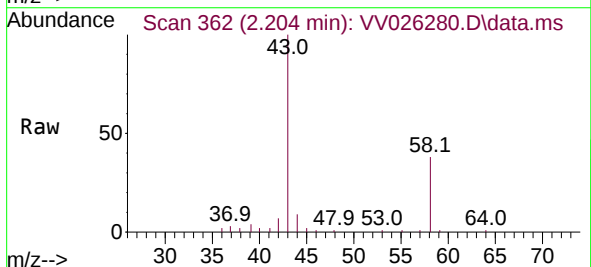
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MSVOA_V
ClientSampleId :
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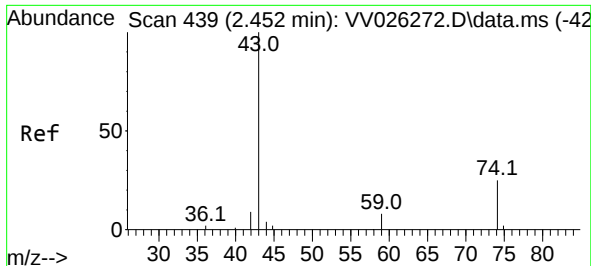
Tgt Ion:101 Resp: 45181
Ion Ratio Lower Upper
101 100
103 62.5 52.3 78.5



#13
Acetone
Concen: 48.804 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.006 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

Tgt Ion: 43 Resp: 61308
Ion Ratio Lower Upper
43 100
58 36.7 0.0 60.0

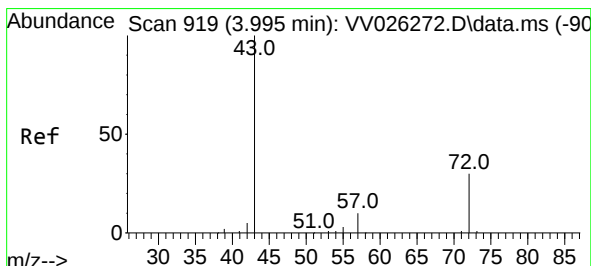
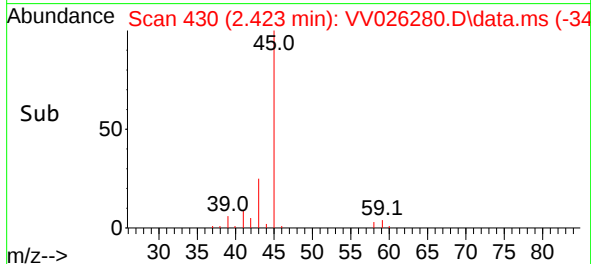
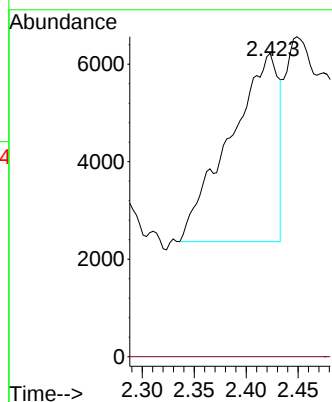
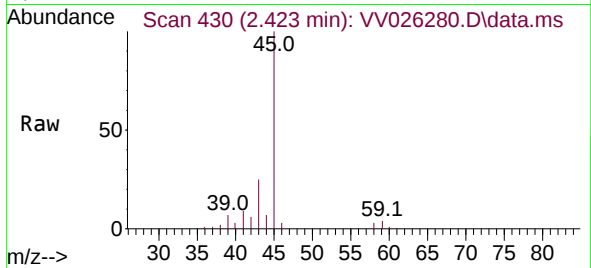




#15
Methyl Acetate
Concen: 4.190 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.029 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

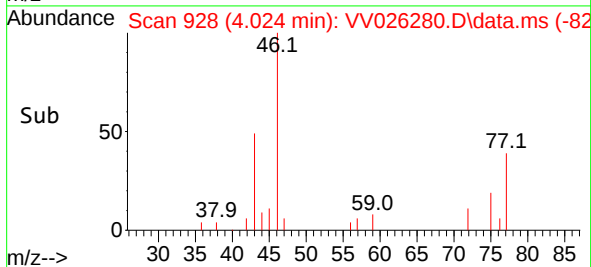
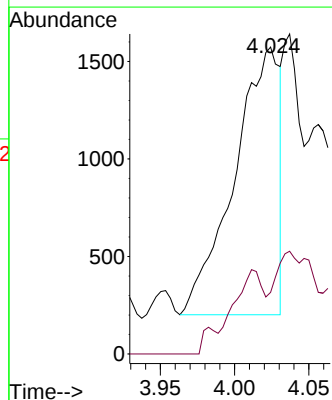
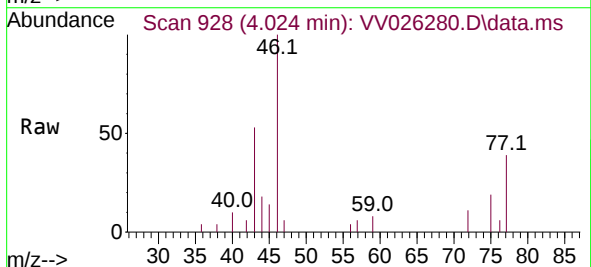
Instrument :
MSVOA_V
ClientSampleId :
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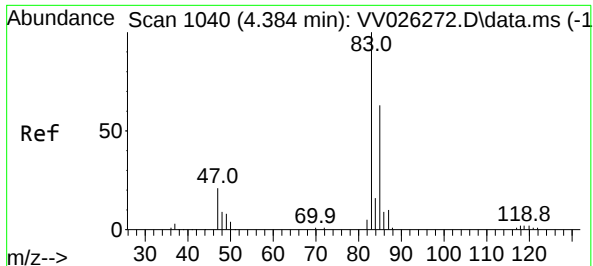
Tgt Ion: 43 Resp: 12630
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#21
2-Butanone
Concen: 1.798 ug/L
RT: 4.024 min Scan# 928
Delta R.T. 0.029 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

Tgt Ion: 43 Resp: 2923
Ion Ratio Lower Upper
43 100
72 15.7 12.7 38.0





#25

Chloroform

Concen: 0.095 ug/L

RT: 4.391 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026280.D

Acq: 15 Jun 2022 16:09

Instrument :

MSVOA_V

ClientSampleId :

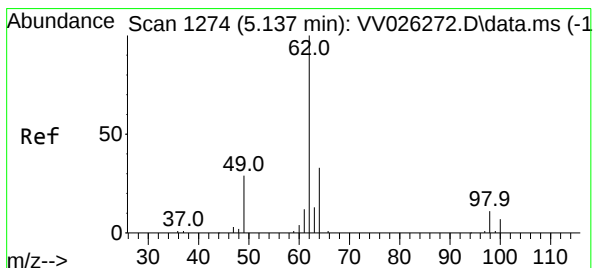
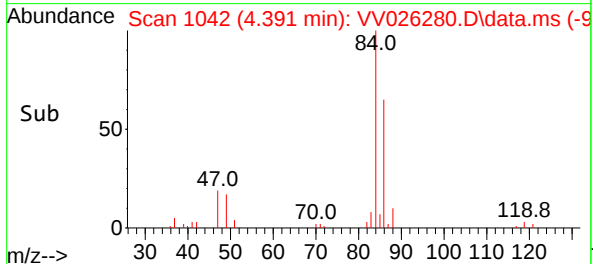
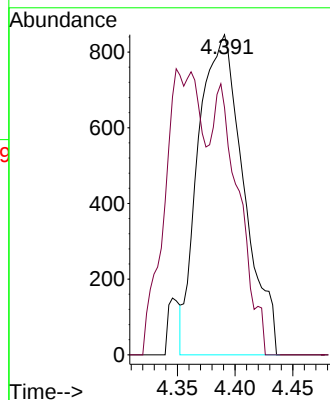
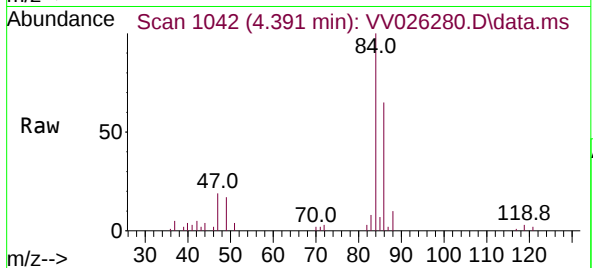
C0BD4

Tgt Ion: 83 Resp: 2304

Ion Ratio Lower Upper

83 100

85 77.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.134 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.084 min

Lab File: VV026280.D

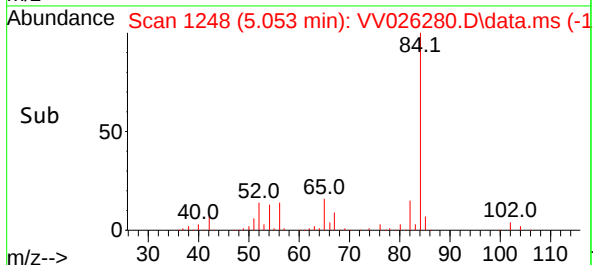
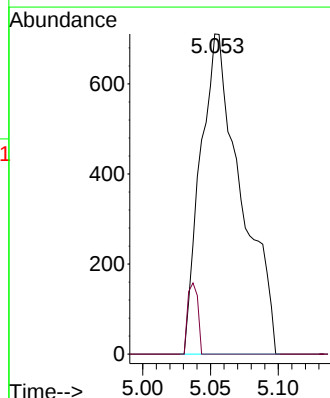
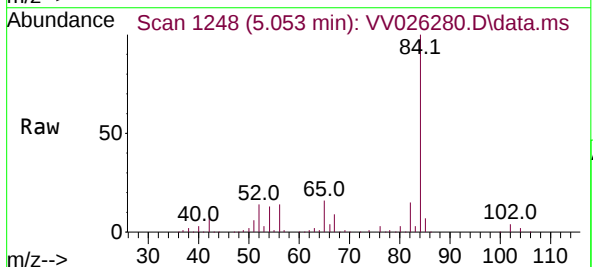
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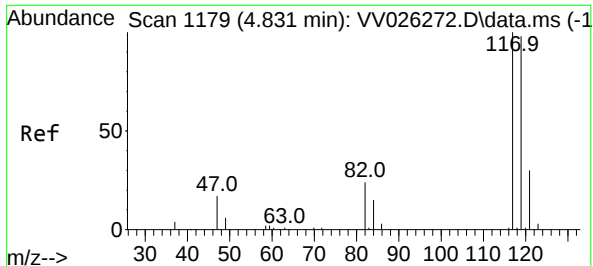
Tgt Ion: 62 Resp: 1480

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

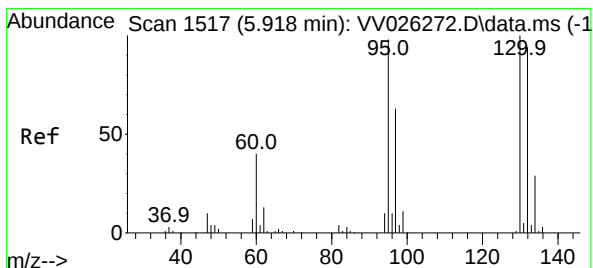
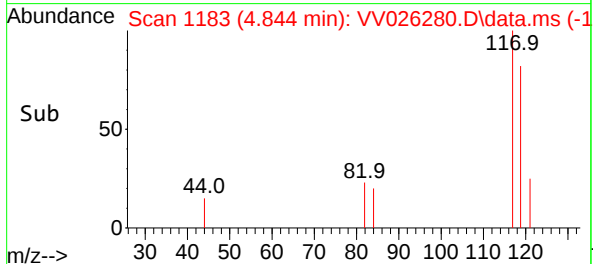
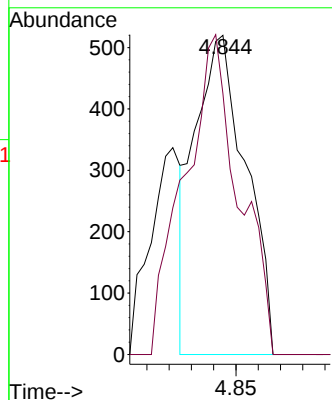
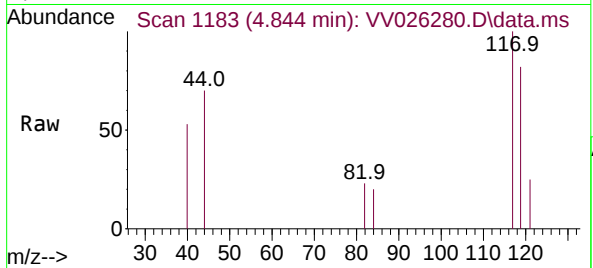




#31
Carbon tetrachloride
Concen: 0.048 ug/L
RT: 4.844 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

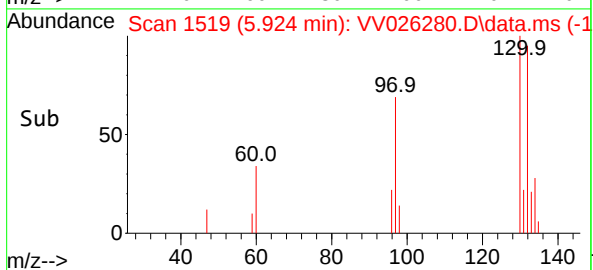
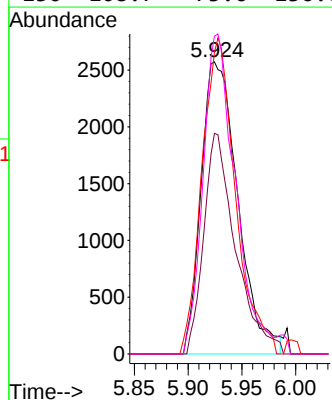
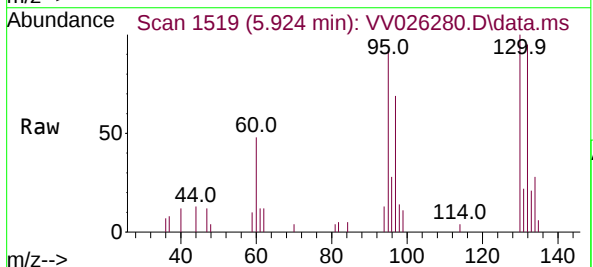
Instrument :
MSVOA_V
ClientSampleId :
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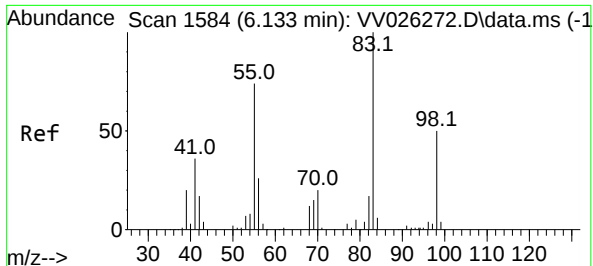
Tgt Ion:117 Resp: 827
Ion Ratio Lower Upper
117 100
119 107.4 76.2 114.4



#34
Trichloroethene
Concen: 0.470 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

Tgt Ion: 95 Resp: 6115
Ion Ratio Lower Upper
95 100
97 75.5 46.5 86.3
132 103.2 68.8 127.8
130 108.7 73.6 136.6

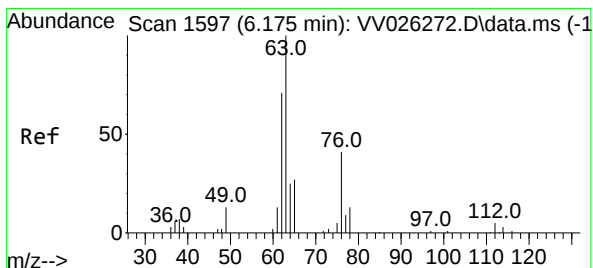
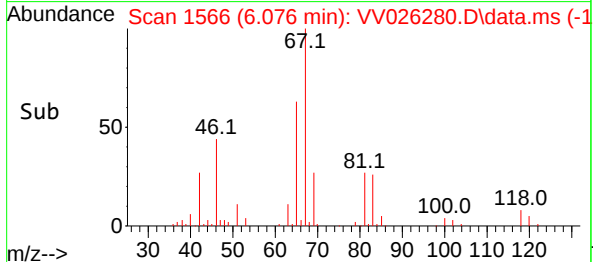
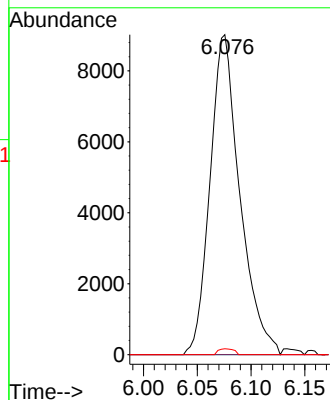
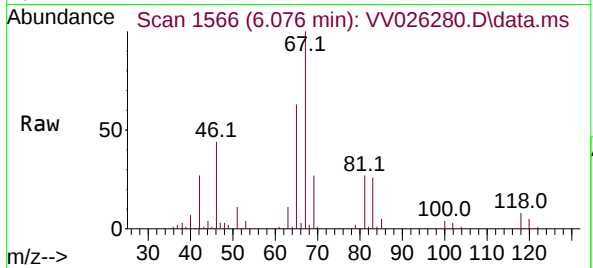




#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

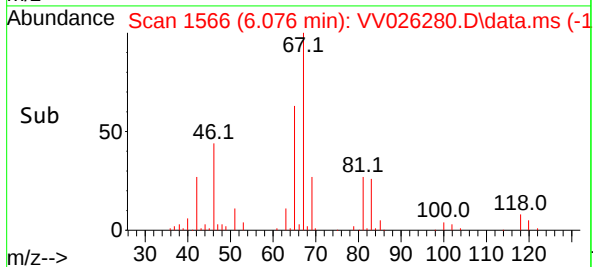
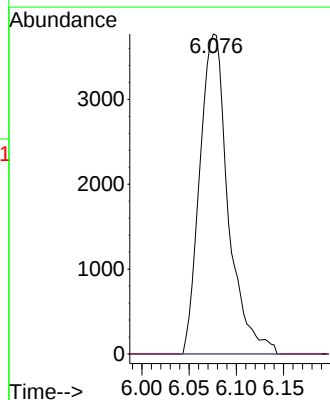
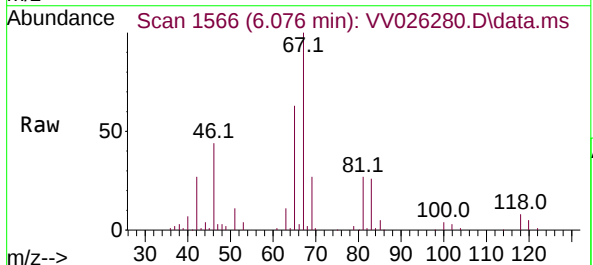
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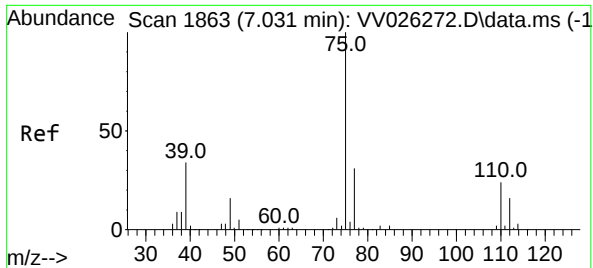
Tgt Ion: 83 Resp: 17438
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.0 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

Tgt Ion: 63 Resp: 7888
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

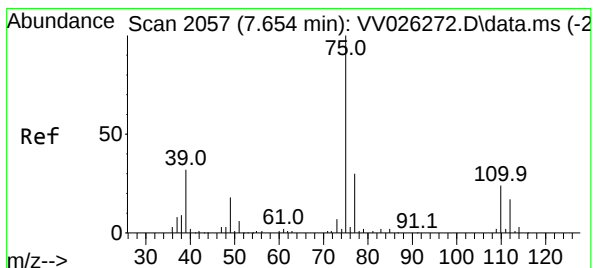
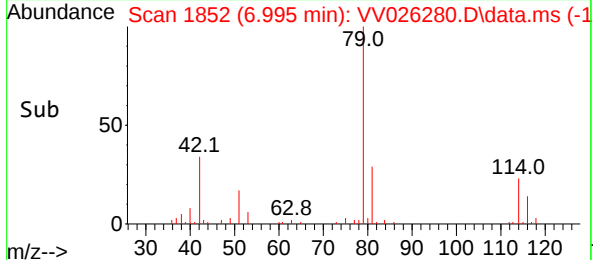
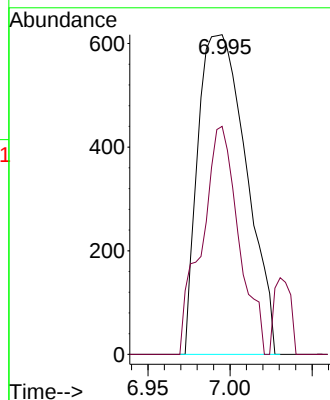
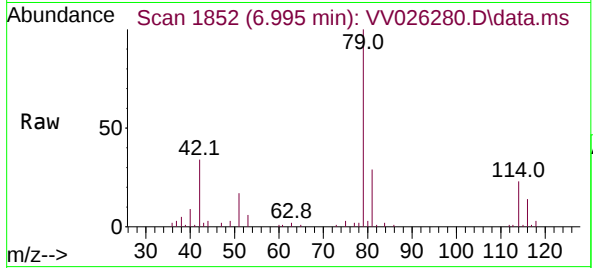




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 6.995 min Scan# 11
 Delta R.T. -0.035 min
 Lab File: VV026280.D
 Acq: 15 Jun 2022 16:09

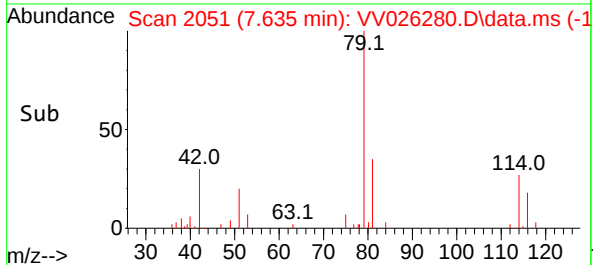
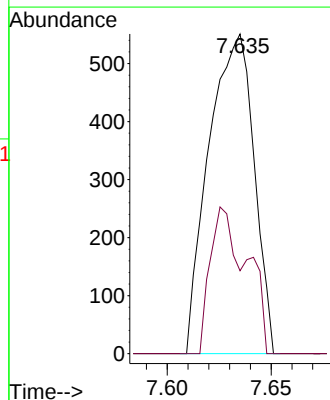
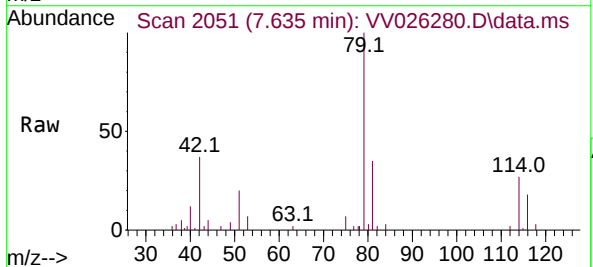
Instrument :
 MSVOA_V
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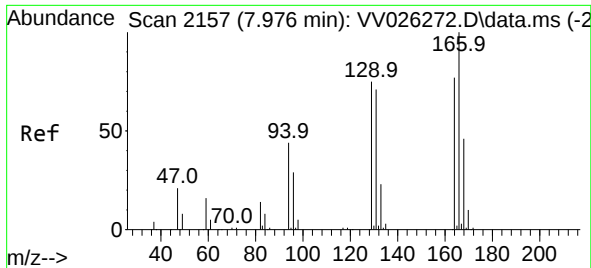
Tgt Ion: 75 Resp: 1262
 Ion Ratio Lower Upper
 75 100
 77 71.3 23.0 42.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.635 min Scan# 2051
 Delta R.T. -0.019 min
 Lab File: VV026280.D
 Acq: 15 Jun 2022 16:09

Tgt Ion: 75 Resp: 831
 Ion Ratio Lower Upper
 75 100
 77 26.0 23.7 43.9

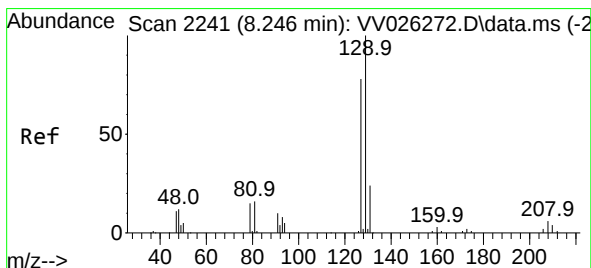
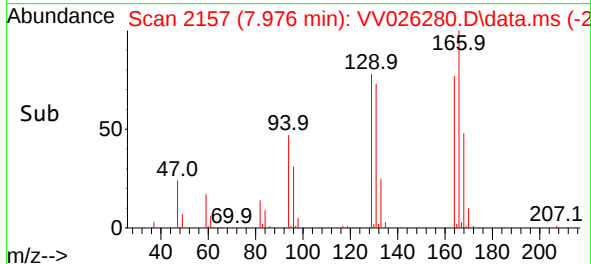
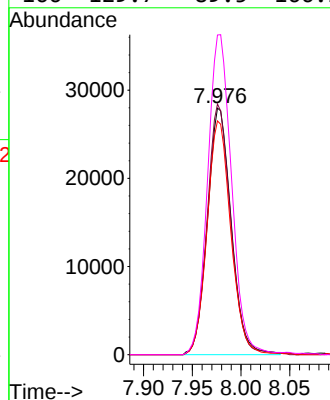
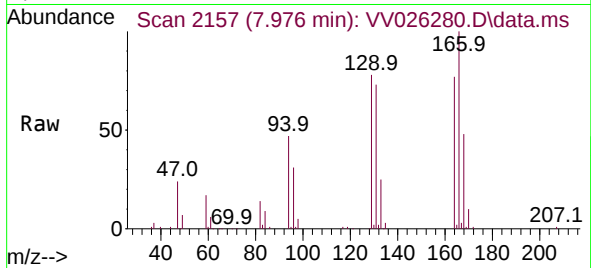




#47
Tetrachloroethene
Concen: 4.944 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

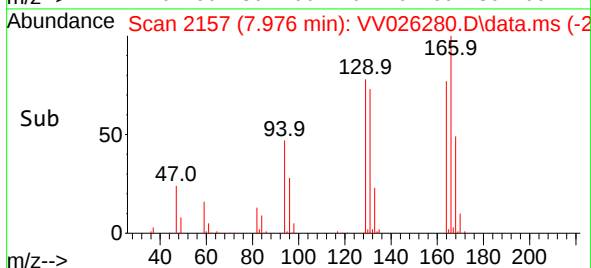
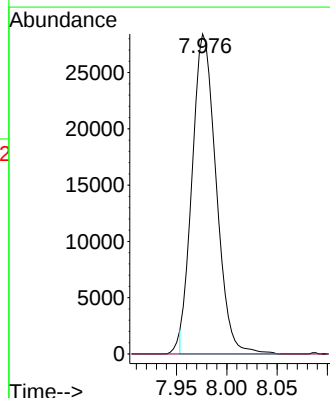
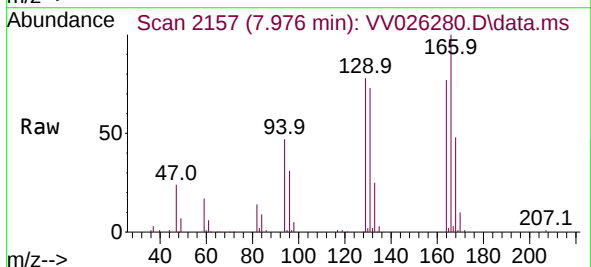
Instrument :
MSVOA_V
ClientSampleId :
C0BD4

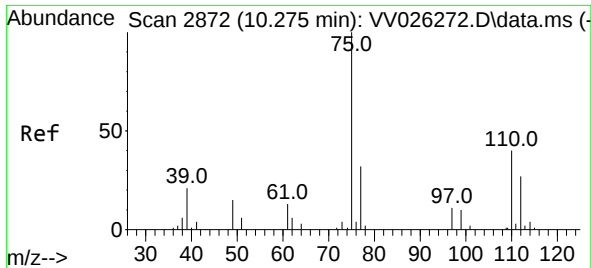
Tgt Ion:	164	Resp:	47643
Ion Ratio	Lower	Upper	
164	100		
129	101.7	67.5	125.3
131	94.8	63.8	118.4
166	129.7	89.5	166.3



#49
Dibromochloromethane
Concen: 5.191 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV026280.D
Acq: 15 Jun 2022 16:09

Tgt Ion:	129	Resp:	47026
Ion Ratio	Lower	Upper	
129	100		
127	0.0	56.4	104.7#

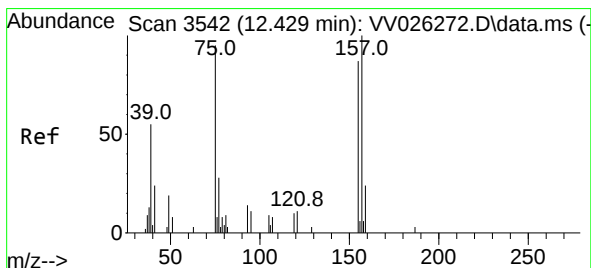
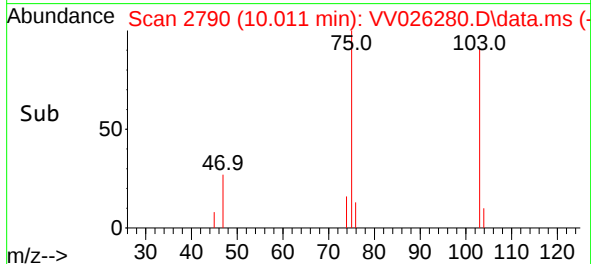
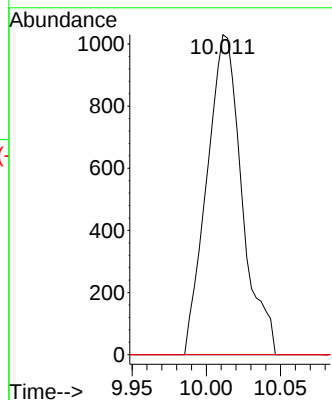
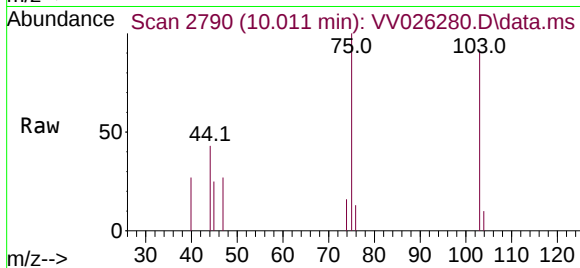




#61
 1,2,3-Trichloropropane
 Concen: 0.329 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV026280.D
 Acq: 15 Jun 2022 16:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD4

Tgt Ion: 75 Resp: 1695
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.9 40.3#
 110 0.0 30.7 46.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.190 ug/L
 RT: 12.243 min Scan# 3484
 Delta R.T. -0.186 min
 Lab File: VV026280.D
 Acq: 15 Jun 2022 16:09

Tgt Ion: 75 Resp: 173
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

