

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081122\
 Data File : VV027280.D
 Acq On : 11 Aug 2022 12:09
 Operator : SY/MD
 Sample : N4144-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY161

Quant Time: Aug 12 03:41:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 03:40:21 2022
 Response via : Initial Calibration

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

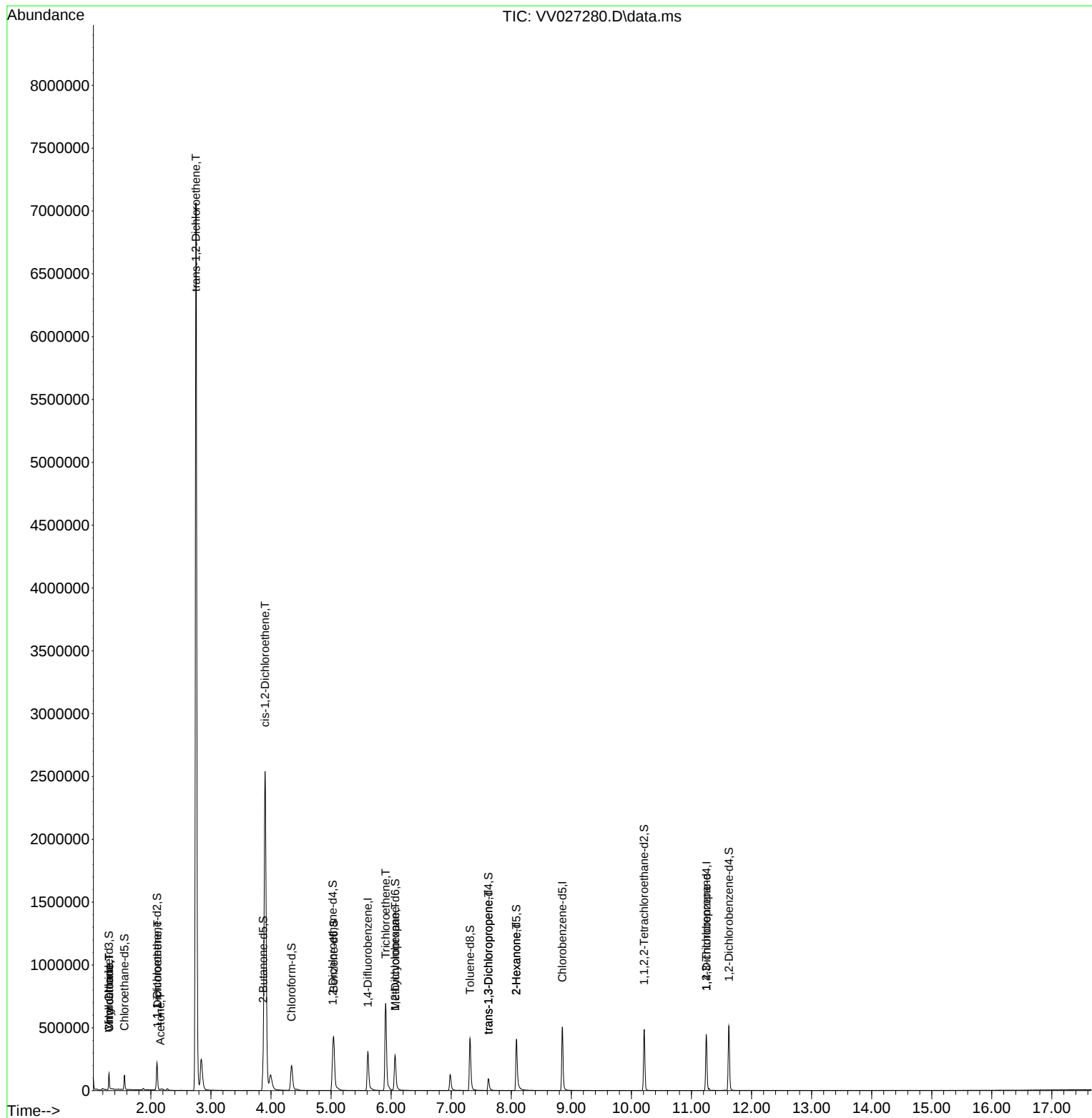
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	259578	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	268221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	110146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	79055	44.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.340%
7) Chloroethane-d5	1.561	69	75013	57.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.960%
11) 1,1-Dichloroethene-d2	2.101	63	115724	35.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.500%
21) 2-Butanone-d5	3.870	46	217725	138.212	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.210%#
24) Chloroform-d	4.342	84	203858	56.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.460%
26) 1,2-Dichloroethane-d4	5.027	65	136803	60.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.560%
32) Benzene-d6	5.043	84	367285	57.102	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	6.066	67	141448	61.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.640%#
41) Toluene-d8	7.313	98	277973	50.701	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.619	79	55856	56.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.020%
47) 2-Hexanone-d5	8.085	63	133407	121.059	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.060%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	230968	61.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.880%#
66) 1,2-Dichlorobenzene-d4	11.622	152	125161	65.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.600%#
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	9148	3.481	ug/L	# 72
8) Chloroethane	1.307	64	2911	1.988	ug/L	97
12) 1,1-Dichloroethene	2.111	96	4563	2.537	ug/L	# 1
13) Acetone	2.159	43	3496	2.878	ug/L	75
17) trans-1,2-Dichloroethene	2.751	96	2489475	1250.753	ug/L	89
20) cis-1,2-Dichloroethene	3.902	96	1351108	653.454	ug/L	87
34) Trichloroethene	5.908	95	249918	113.239	ug/L	96
35) Methylcyclohexane	6.066	83	33199	10.230	ug/L	# 21
44) trans-1,3-Dichloropropene	7.619	75	2904	0.924	ug/L	93
48) 2-Hexanone	8.085	43	18438	6.720	ug/L	# 64
61) 1,2,3-Trichloropropane	11.246	75	14140	5.592	ug/L	# 62

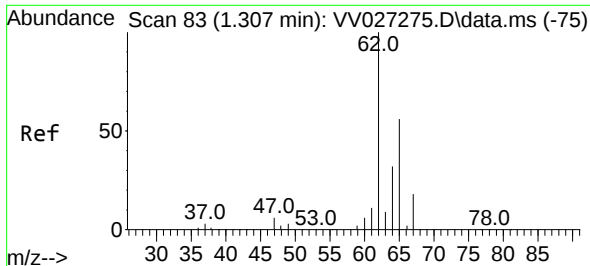
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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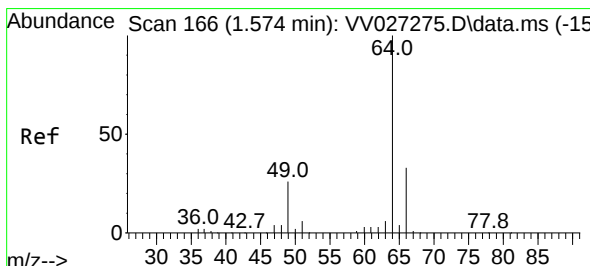
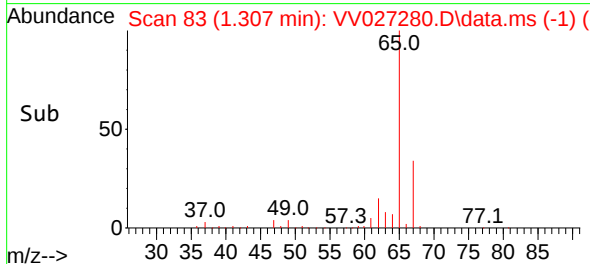
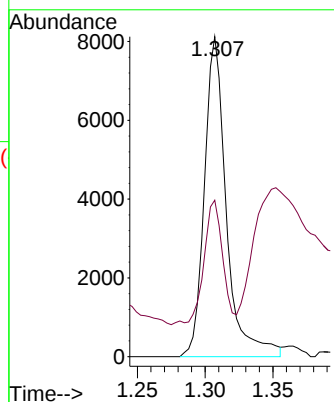
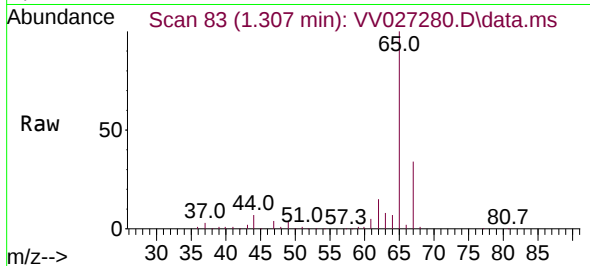




#5
 Vinyl chloride
 Concen: 3.481 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027280.D
 Acq: 11 Aug 2022 12:09

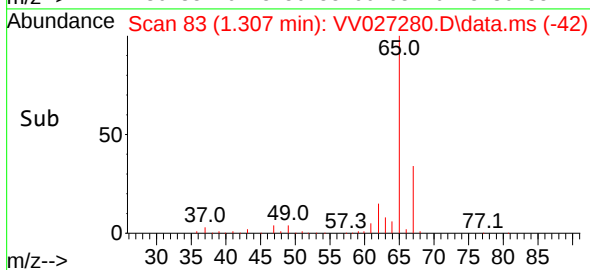
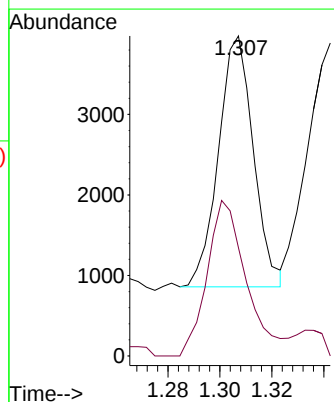
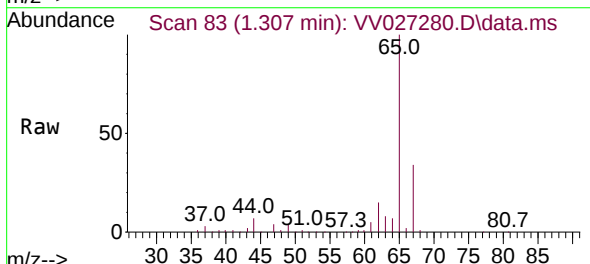
Instrument :
 MSVOA_V
 ClientSampleId :
 EY161

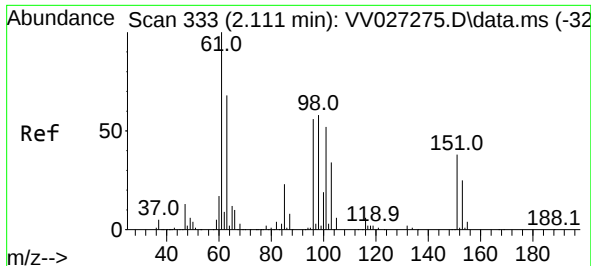
Tgt Ion: 62 Resp: 9148
 Ion Ratio Lower Upper
 62 100
 64 48.9 23.2 43.2#



#8
 Chloroethane
 Concen: 1.988 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.267 min
 Lab File: VV027280.D
 Acq: 11 Aug 2022 12:09

Tgt Ion: 64 Resp: 2911
 Ion Ratio Lower Upper
 64 100
 66 33.9 22.4 41.6

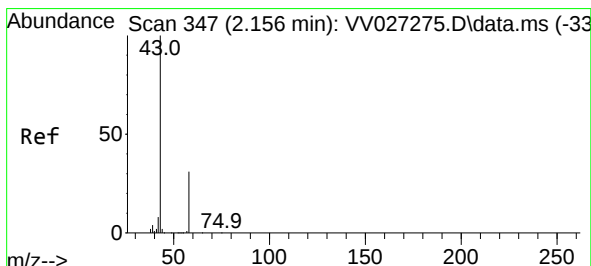
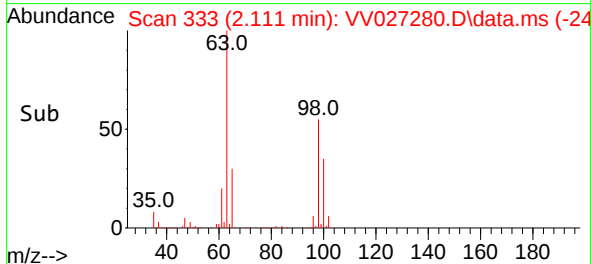
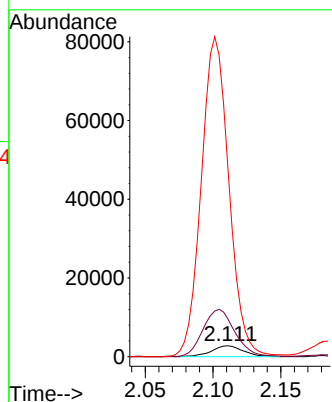
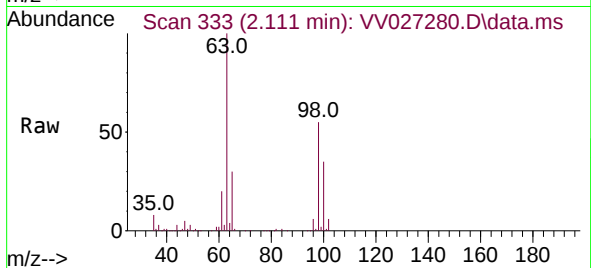




#12
 1,1-Dichloroethene
 Concen: 2.537 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV027280.D
 Acq: 11 Aug 2022 12:09

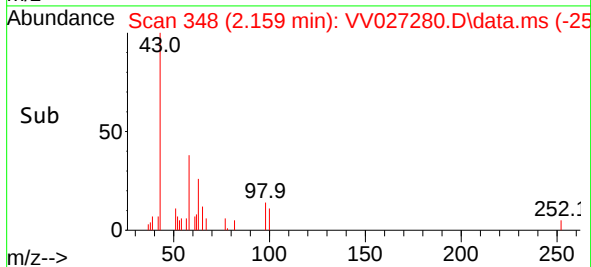
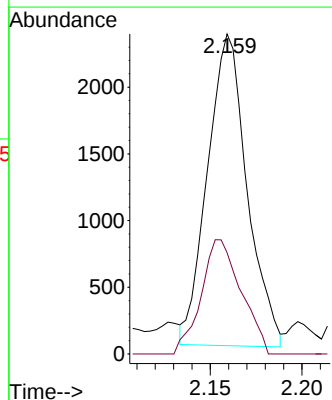
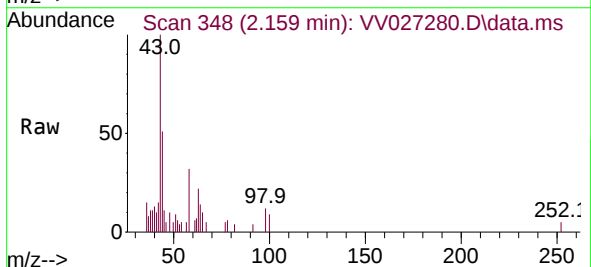
Instrument :
 MSVOA_V
 ClientSampleId :
 EY161

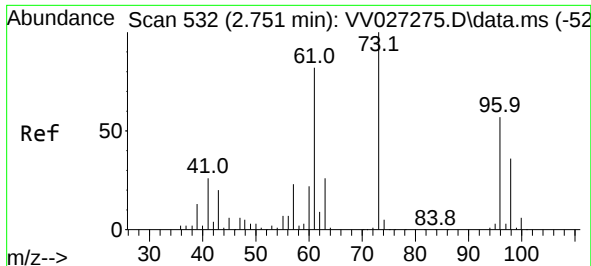
Tgt Ion: 96 Resp: 4563
 Ion Ratio Lower Upper
 96 100
 61 346.3 114.3 212.3#
 63 1737.3 93.4 173.4#



#13
 Acetone
 Concen: 2.878 ug/L
 RT: 2.159 min Scan# 348
 Delta R.T. 0.003 min
 Lab File: VV027280.D
 Acq: 11 Aug 2022 12:09

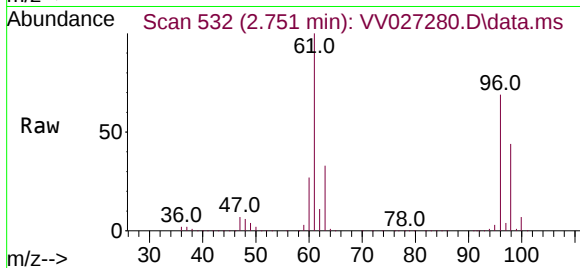
Tgt Ion: 43 Resp: 3496
 Ion Ratio Lower Upper
 43 100
 58 37.2 0.0 49.6





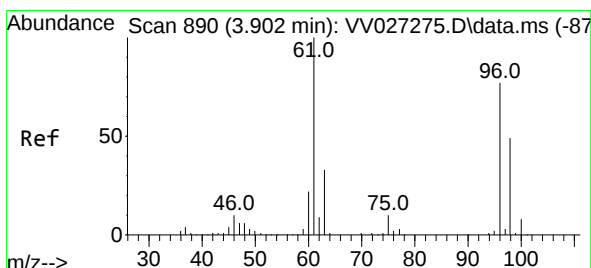
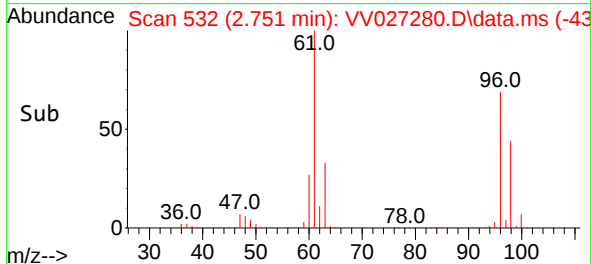
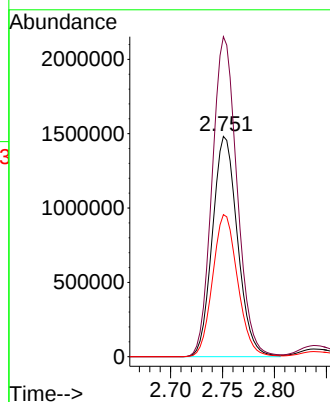
#17
trans-1,2-Dichloroethene
Concen: 1250.753 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027280.D
Acq: 11 Aug 2022 12:09

Instrument :
MSVOA_V
ClientSampleId :
EY161



Tgt Ion: 96 Resp: 2489475

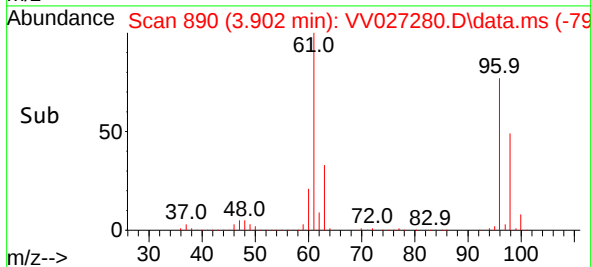
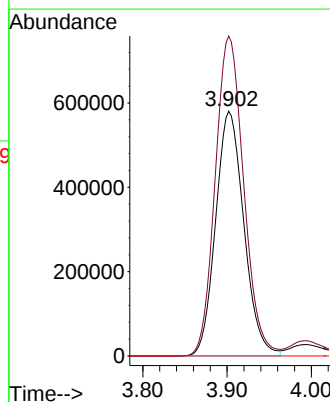
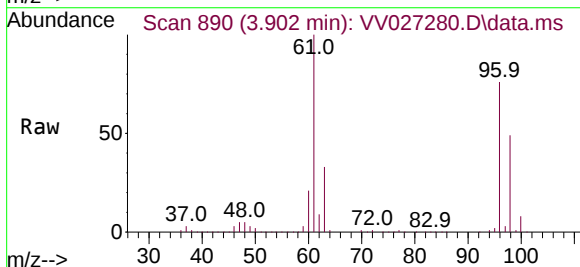
Ion	Ratio	Lower	Upper
96	100		
61	145.2	89.2	165.6
98	64.5	44.6	82.8

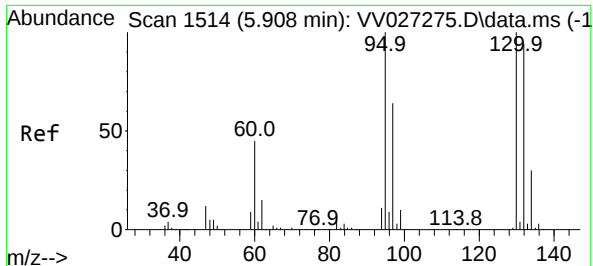


#20
cis-1,2-Dichloroethene
Concen: 653.454 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV027280.D
Acq: 11 Aug 2022 12:09

Tgt Ion: 96 Resp: 1351108

Ion	Ratio	Lower	Upper
96	100		
61	130.7	81.8	151.8
68	0.0	0.0	0.0

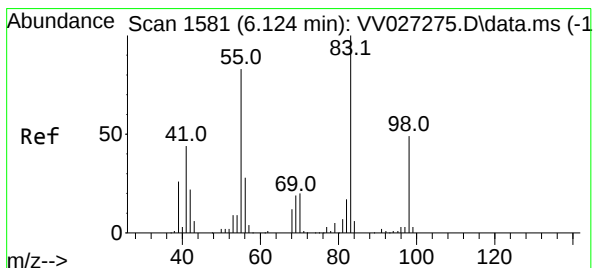
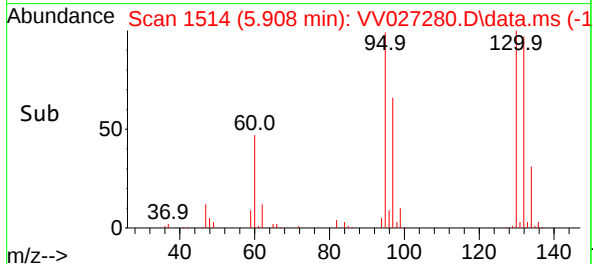
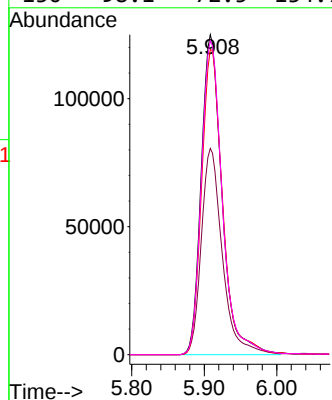
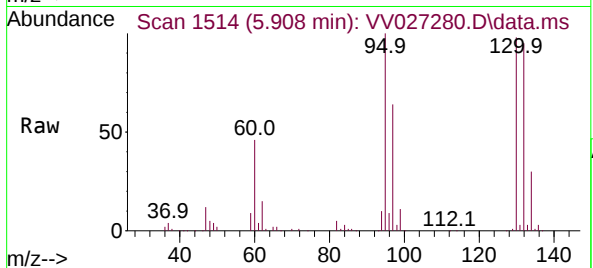




#34
Trichloroethene
Concen: 113.239 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027280.D
Acq: 11 Aug 2022 12:09

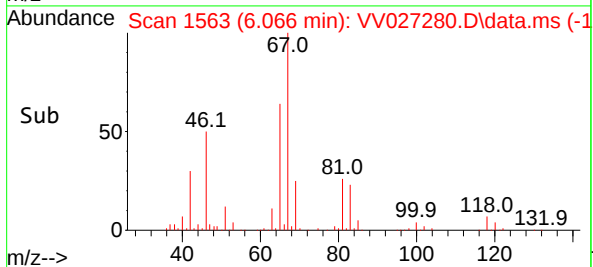
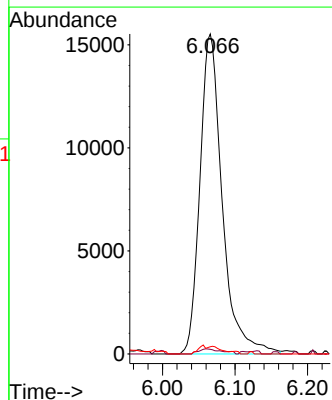
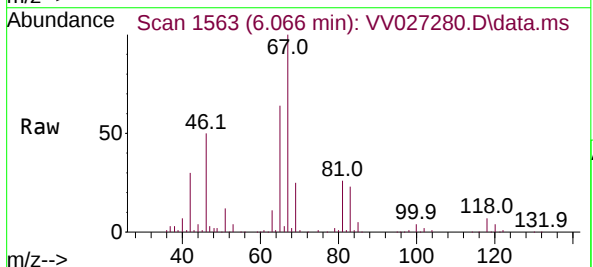
Instrument :
MSVOA_V
ClientSampleId :
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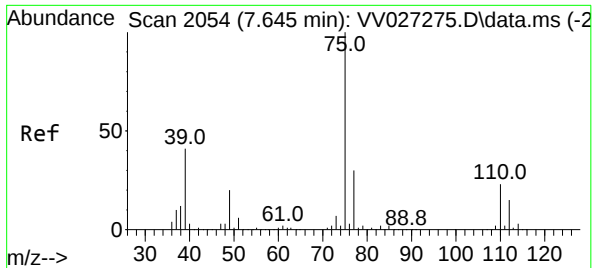
Tgt Ion: 95 Resp: 249918
Ion Ratio Lower Upper
95 100
97 64.5 45.9 85.3
132 95.3 69.8 129.6
130 98.1 72.5 134.7



#35
Methylcyclohexane
Concen: 10.230 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV027280.D
Acq: 11 Aug 2022 12:09

Tgt Ion: 83 Resp: 33199
Ion Ratio Lower Upper
83 100
55 0.3 55.5 83.3#
98 1.0 39.0 58.4#

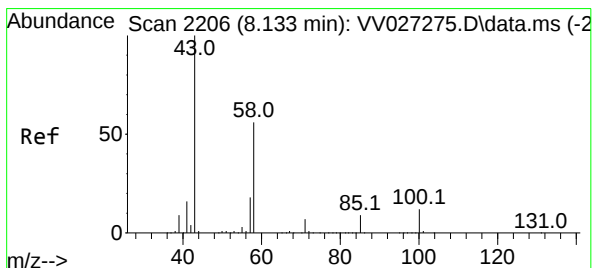
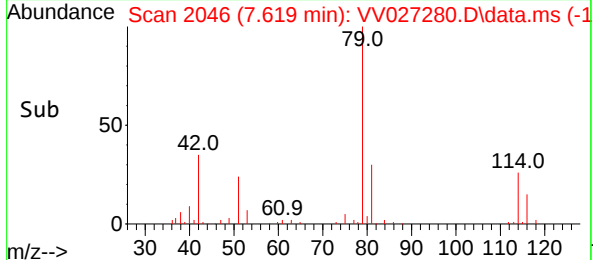
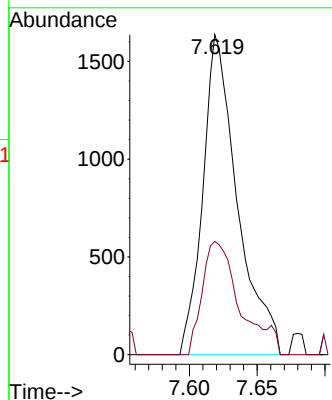
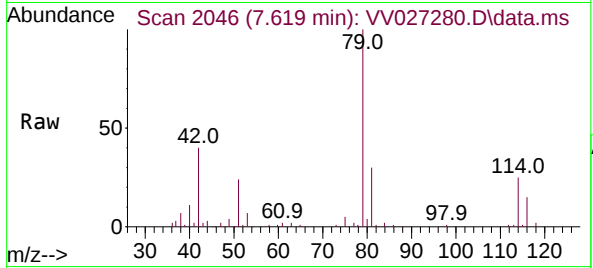




#44
trans-1,3-Dichloropropene
Concen: 0.924 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.026 min
Lab File: VV027280.D
Acq: 11 Aug 2022 12:09

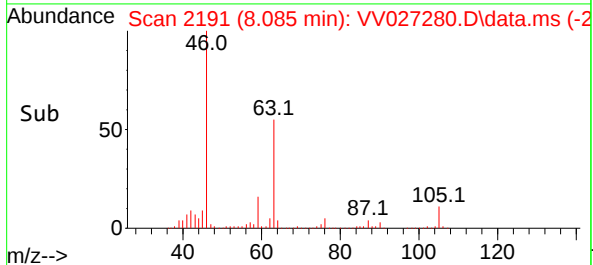
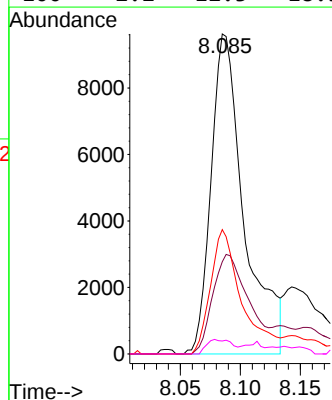
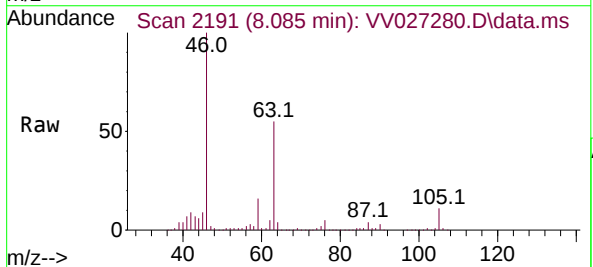
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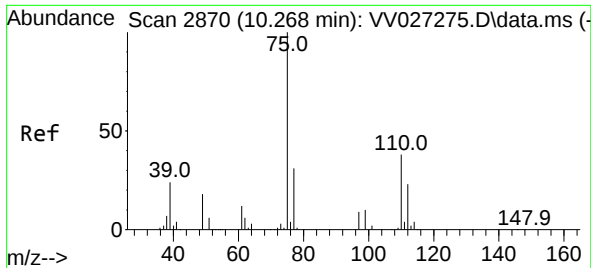
Tgt Ion: 75 Resp: 2904
Ion Ratio Lower Upper
75 100
77 35.4 22.0 41.0



#48
2-Hexanone
Concen: 6.720 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.048 min
Lab File: VV027280.D
Acq: 11 Aug 2022 12:09

Tgt Ion: 43 Resp: 18438
Ion Ratio Lower Upper
43 100
58 33.6 50.8 76.2#
57 36.7 17.1 25.7#
100 2.2 12.3 18.5#





#61
 1,2,3-Trichloropropane
 Concen: 5.592 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027280.D
 Acq: 11 Aug 2022 12:09

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.8	38.8
110	3.1	32.7	49.1

