

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022181.D
 Acq On : 17 Sep 2021 13:09
 Operator : SY/MD
 Sample : M3778-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 02:56:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 02:49:48 2021
 Response via : Initial Calibration

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

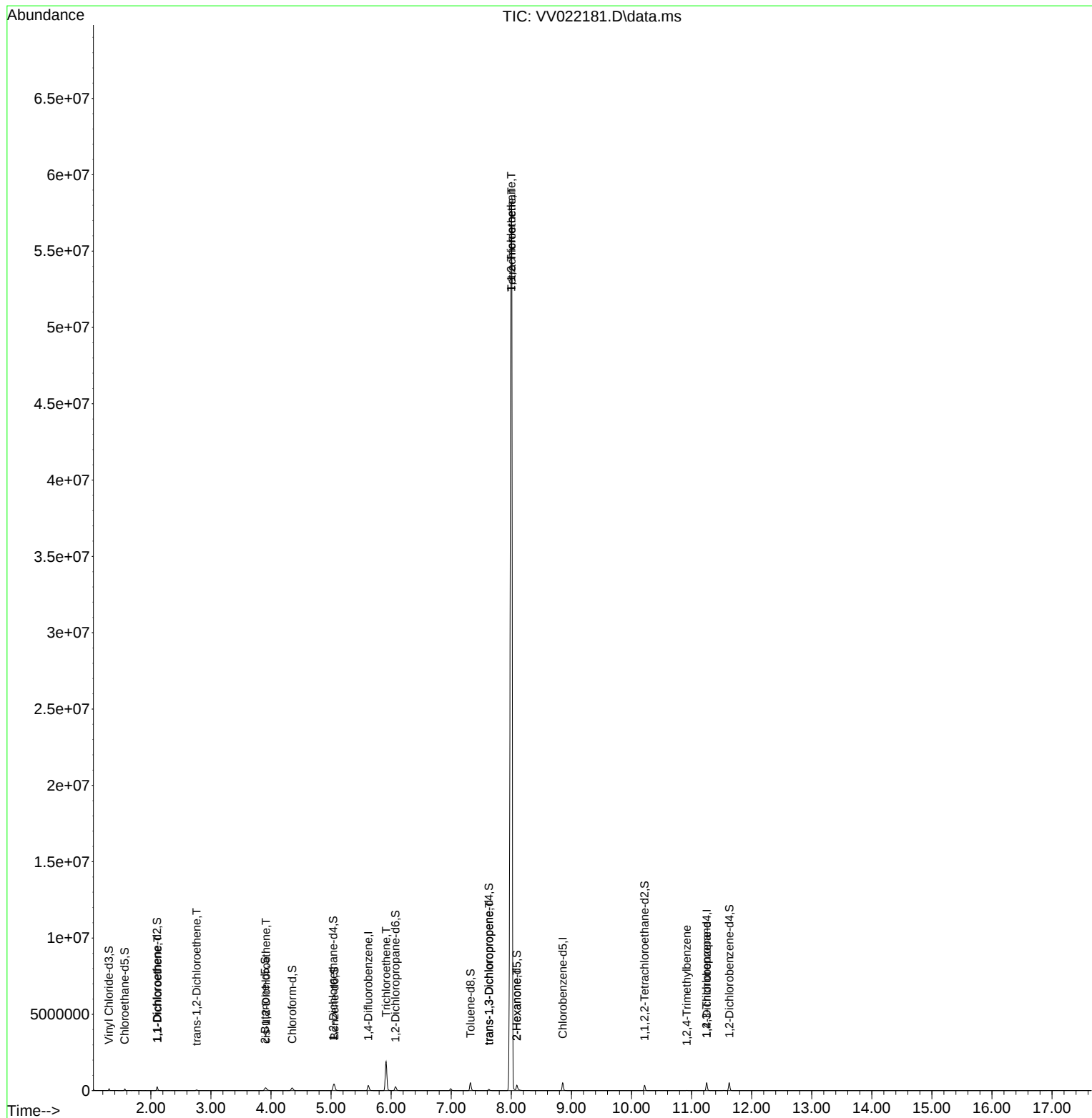
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	299630	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	294015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	141395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80602	38.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.680%
7) Chloroethane-d5	1.564	69	72076	44.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	2.104	63	125379	36.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.080%
21) 2-Butanone-d5	3.899	46	157063	110.370	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.370%
24) Chloroform-d	4.352	84	187451	49.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	5.037	65	116908	52.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.920%
32) Benzene-d6	5.053	84	383224	48.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	6.072	67	123047	49.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	7.320	98	344990	45.828	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.660%
43) trans-1,3-Dichloroprop...	7.625	79	53932	45.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.360%
47) 2-Hexanone-d5	8.091	63	113428	117.873	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.870%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	170996	53.237	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.480%
66) 1,2-Dichlorobenzene-d4	11.628	152	141352	50.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	2454	1.420	ug/L #	1
17) trans-1,2-Dichloroethene	2.760	96	19363	9.266	ug/L	96
20) cis-1,2-Dichloroethene	3.915	96	71329	30.668	ug/L	100
34) Trichloroethene	5.915	95	651335	268.810	ug/L	99
44) trans-1,3-Dichloropropene	7.628	75	2225	0.698	ug/L	97
45) 1,1,2-Trichloroethane	7.998	97	167504	74.243	ug/L #	28
46) Tetrachloroethene	8.001	164	17398480	9234.534	ug/L	90
48) 2-Hexanone	8.091	43	12825	5.499	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	16094	6.567	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.921	105	6204	0.818	ug/L	94

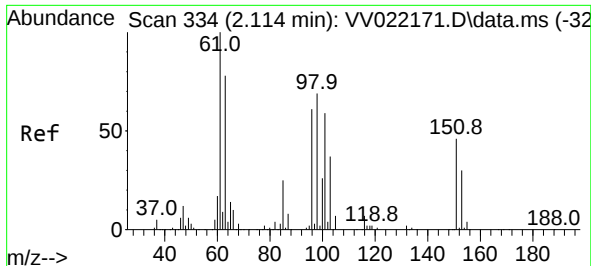
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

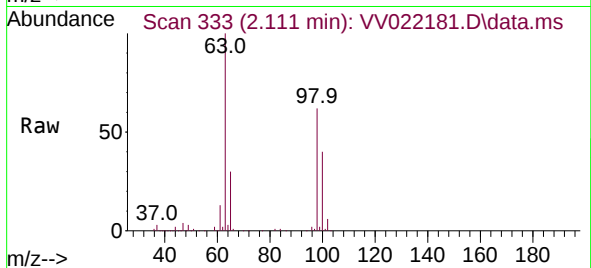
Quant Time: Sep 18 02:56:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 18 02:49:48 2021
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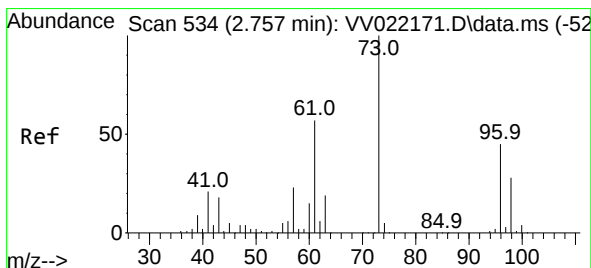
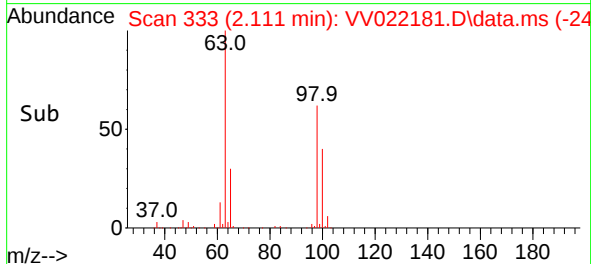
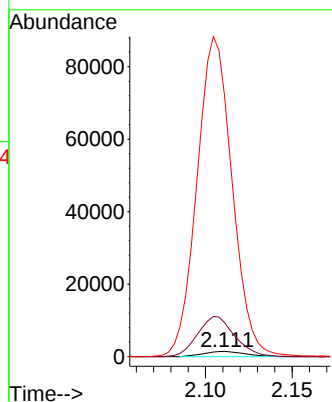


#12
1,1-Dichloroethene
Concen: 1.420 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

Instrument :
MSVOA_V
ClientSampled :

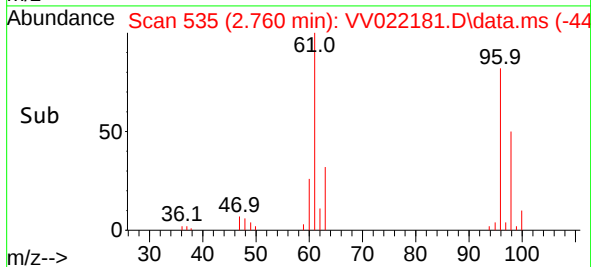
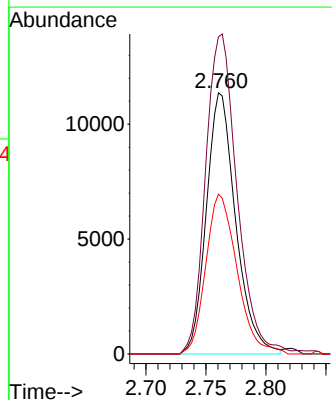
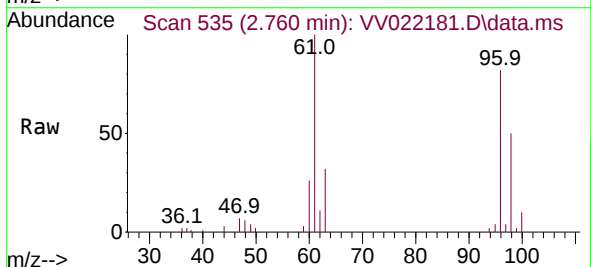


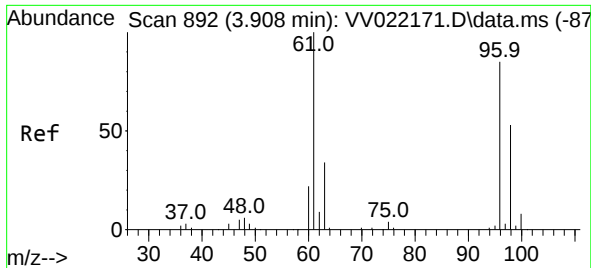
Tgt Ion: 96 Resp: 2454
Ion Ratio Lower Upper
96 100
61 653.0 113.2 210.2#
63 5004.4 102.3 189.9#



#17
trans-1,2-Dichloroethene
Concen: 9.266 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

Tgt Ion: 96 Resp: 19363
Ion Ratio Lower Upper
96 100
61 121.5 89.1 165.5
98 61.2 43.8 81.3

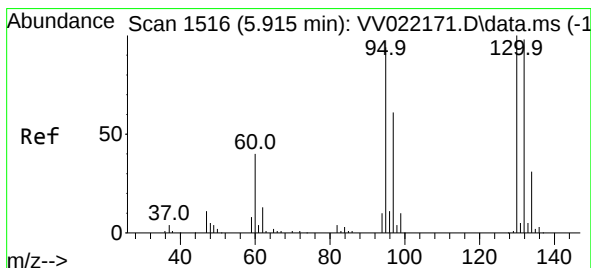
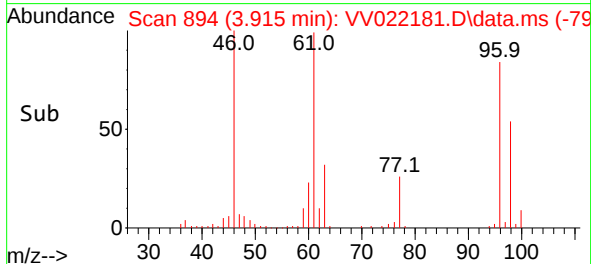
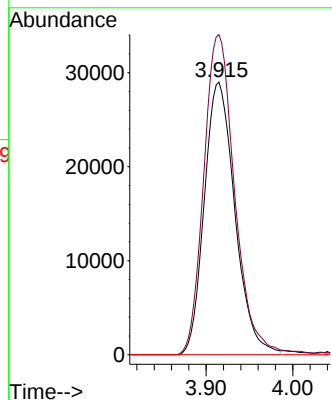
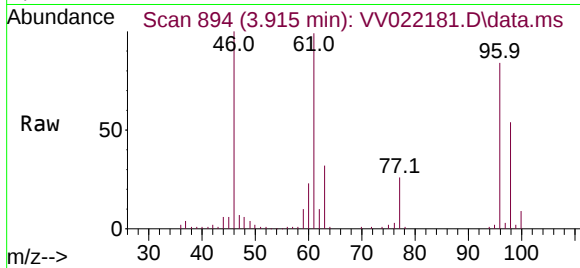




#20
 cis-1,2-Dichloroethene
 Concen: 30.668 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV022181.D
 Acq: 17 Sep 2021 13:09

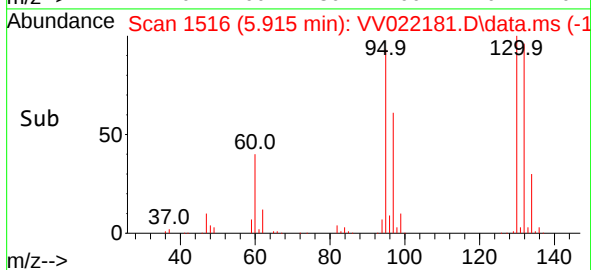
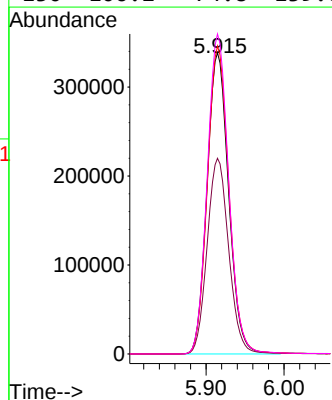
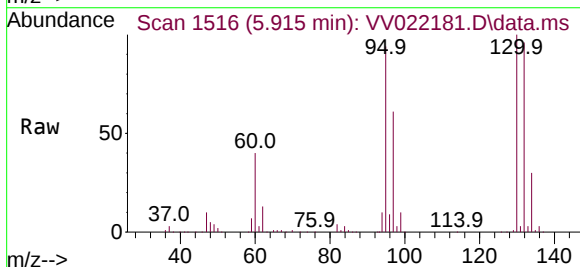
Instrument :
 MSVOA_V
 ClientSampled :

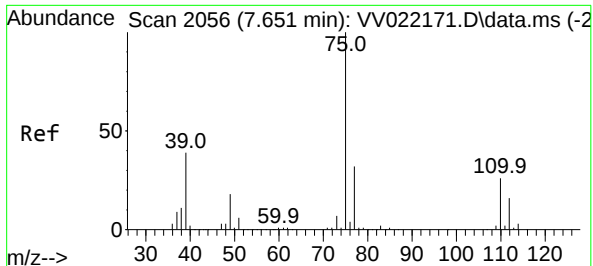
Tgt Ion: 96 Resp: 71329
 Ion Ratio Lower Upper
 96 100
 61 117.3 81.8 152.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 268.810 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VV022181.D
 Acq: 17 Sep 2021 13:09

Tgt Ion: 95 Resp: 651335
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.1 81.9
 132 102.2 70.7 131.3
 130 106.2 74.8 139.0

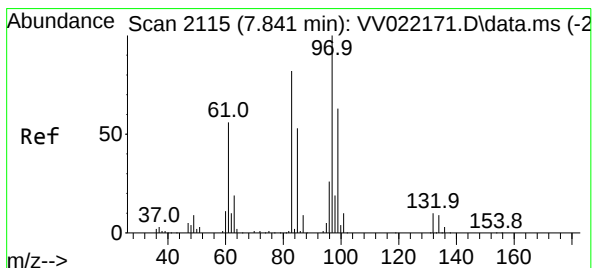
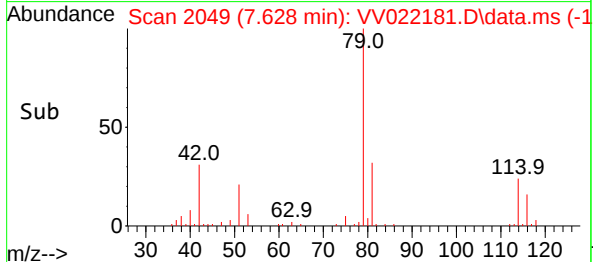
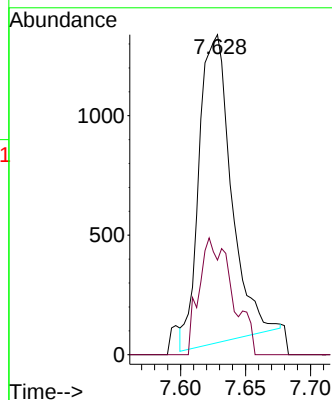
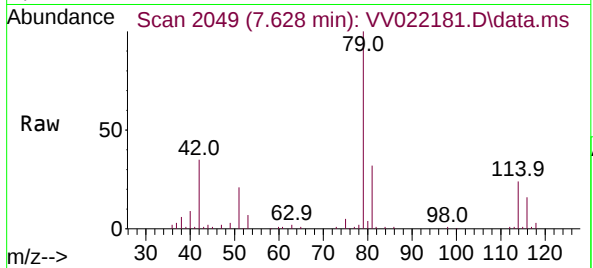




#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

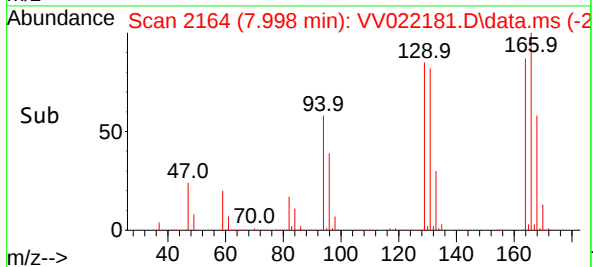
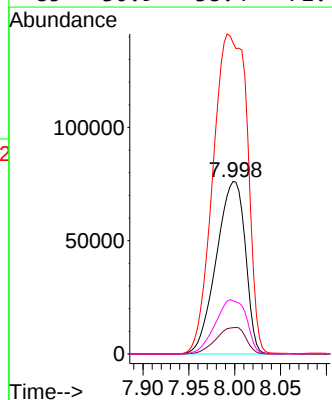
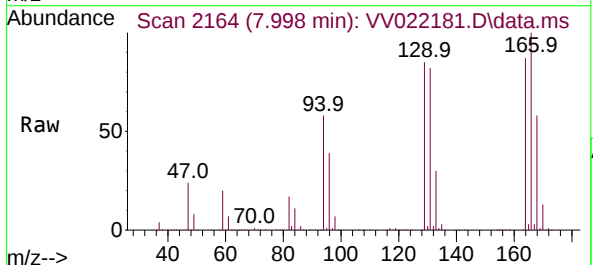
Instrument :
MSVOA_V
ClientSampled :

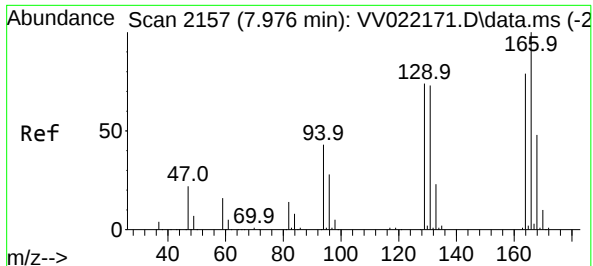
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
77 29.6 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 74.243 ug/L
RT: 7.998 min Scan# 2164
Delta R.T. 0.157 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

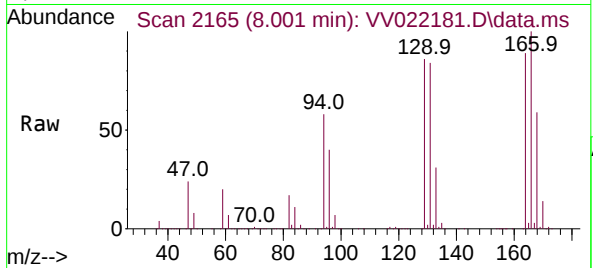
Tgt Ion: 97 Resp: 167504
Ion Ratio Lower Upper
97 100
99 15.2 43.8 81.4#
83 180.4 58.8 109.2#
85 30.9 38.4 71.4#





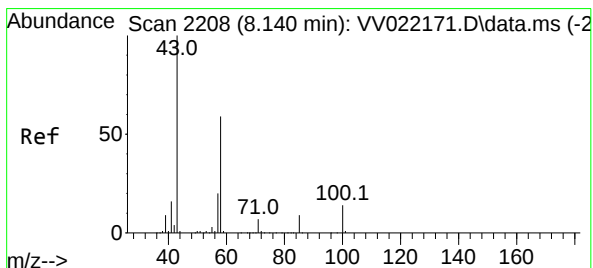
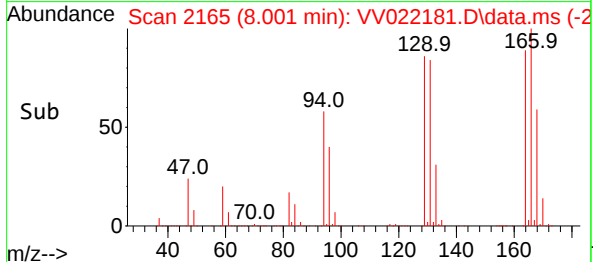
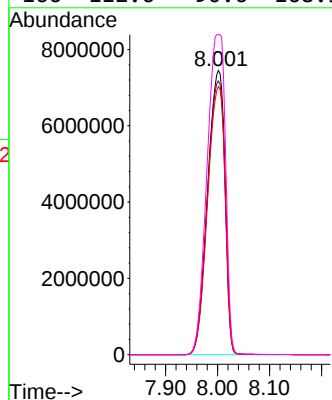
#46
Tetrachloroethene
Concen: 9234.534 ug/L
RT: 8.001 min Scan# 2165
Delta R.T. 0.026 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp:17398480

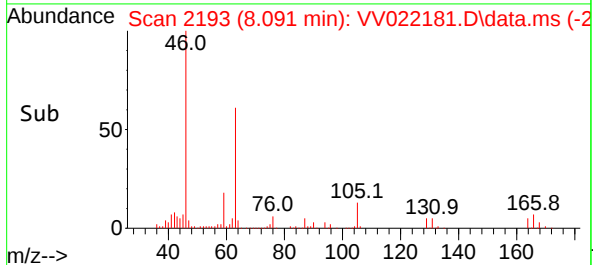
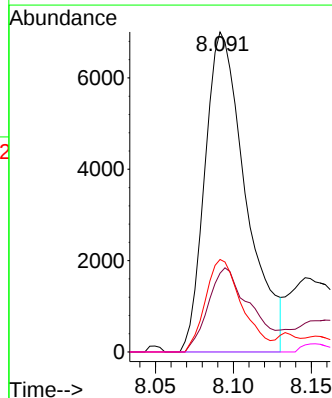
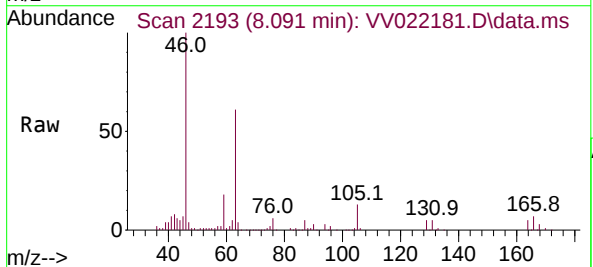
Ion	Ratio	Lower	Upper
164	100		
129	96.3	62.9	116.9
131	94.3	61.0	113.4
166	112.6	90.6	168.3

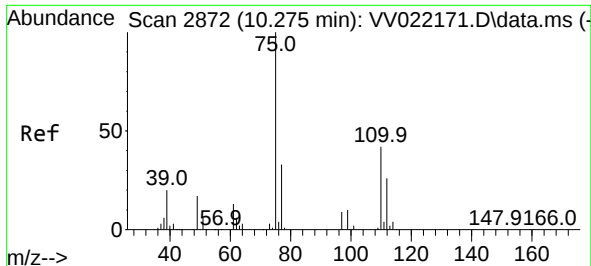


#48
2-Hexanone
Concen: 5.499 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

Tgt Ion: 43 Resp: 12825

Ion	Ratio	Lower	Upper
43	100		
58	27.0	47.5	71.3#
57	25.8	15.9	23.9#
100	0.0	11.4	17.2#

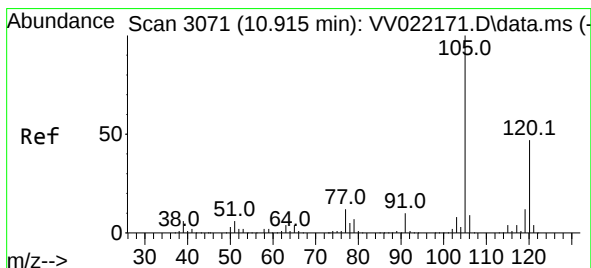
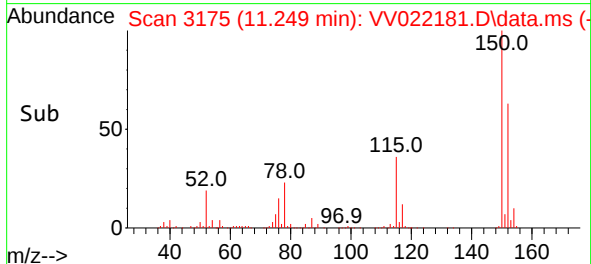
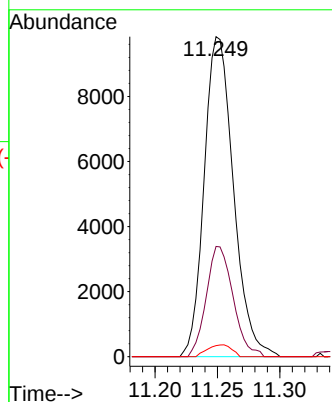
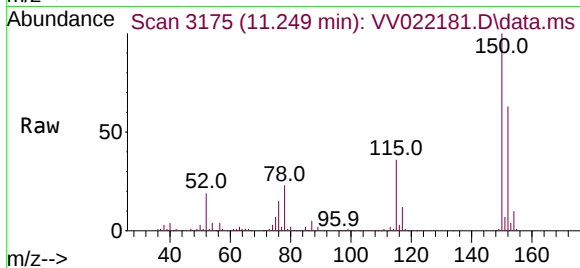




#61
1,2,3-Trichloropropane
Concen: 6.567 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 16094
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 3.1 33.8 50.6#



#63
1,2,4-Trimethylbenzene
Concen: 0.818 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022181.D
Acq: 17 Sep 2021 13:09

Tgt Ion: 105 Resp: 6204
Ion Ratio Lower Upper
105 100
120 50.8 37.4 56.0

