

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022506.D
 Acq On : 02 Oct 2021 12:49
 Operator : SY/MD
 Sample : M4024-01DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 01:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

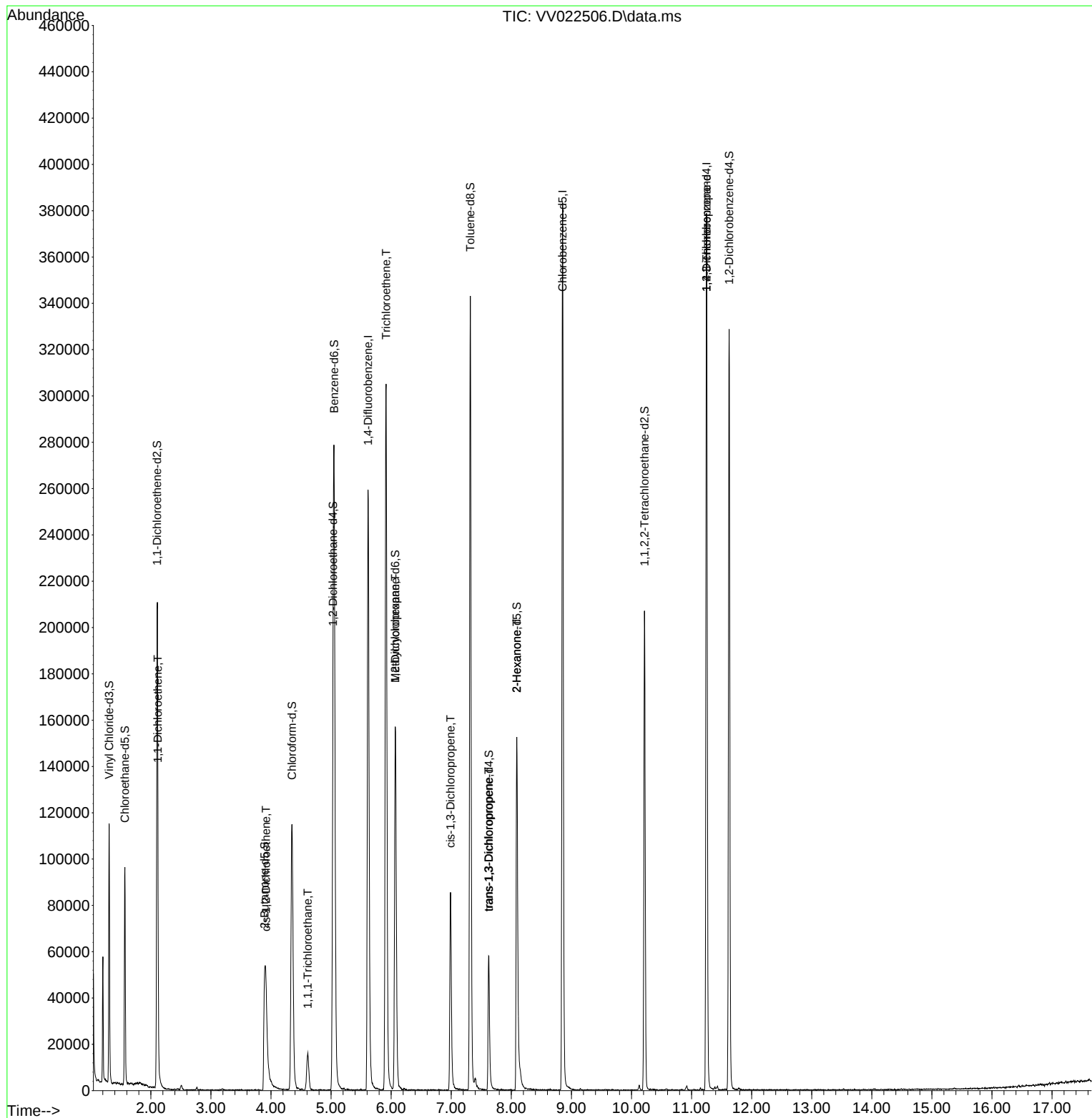
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	229205	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	217678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	103617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70066	49.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.860%
7) Chloroethane-d5	1.568	69	56617	50.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.620%
11) 1,1-Dichloroethene-d2	2.105	63	107023	38.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.580%
21) 2-Butanone-d5	3.892	46	85885	110.069	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.070%
24) Chloroform-d	4.349	84	120864	46.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
26) 1,2-Dichloroethane-d4	5.031	65	74790	49.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.560%
32) Benzene-d6	5.050	84	248834	49.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
36) 1,2-Dichloropropane-d6	6.069	67	75428	48.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.180%
41) Toluene-d8	7.317	98	225471	48.742	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	7.625	79	34351	46.767	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.540%
47) 2-Hexanone-d5	8.092	63	53999	83.966	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.970%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	95623	44.296	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	86974	51.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.940%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	6700	4.185	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	13277	7.091	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	13158	4.839	ug/L	98
34) Trichloroethene	5.915	95	103487	58.970	ug/L	97
35) Methylcyclohexane	6.069	83	18455	6.936	ug/L #	21
39) cis-1,3-Dichloropropene	6.989	75	2419	0.935	ug/L #	61
44) trans-1,3-Dichloropropene	7.622	75	1584	0.636	ug/L	86
48) 2-Hexanone	8.092	43	6249	3.379	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	11648	5.911	ug/L #	64

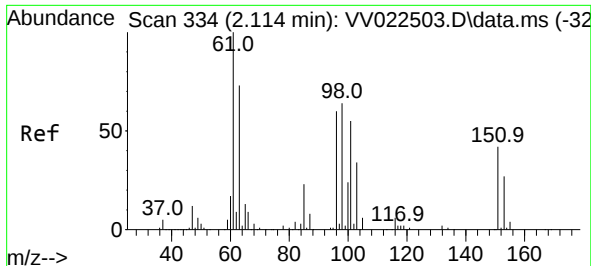
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

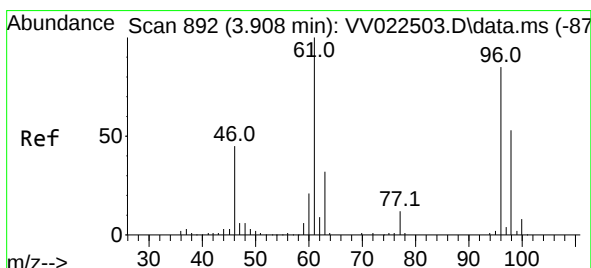
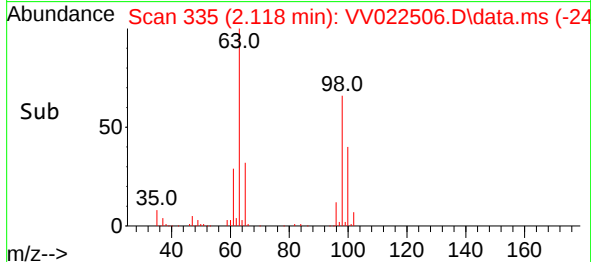
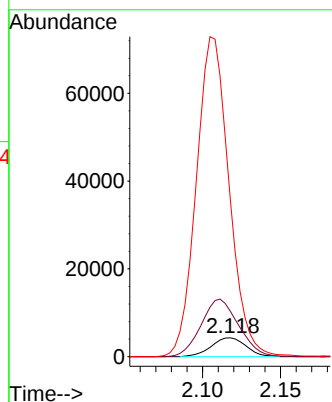
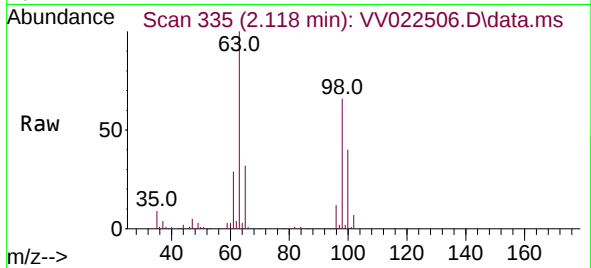




#12
1,1-Dichloroethene
Concen: 4.185 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

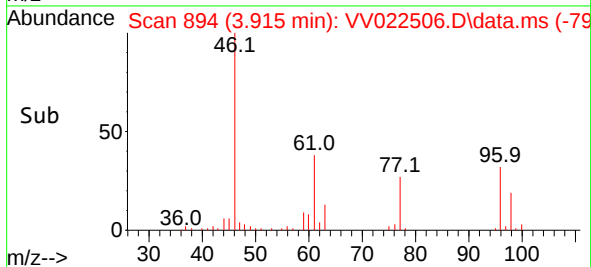
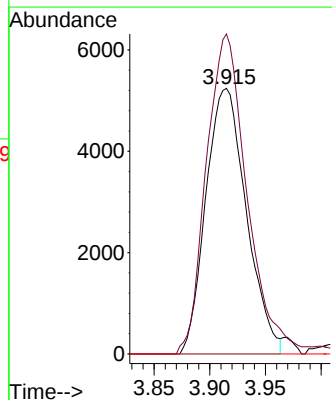
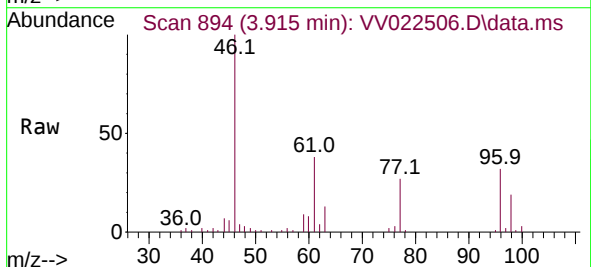
Instrument :
MSVOA_V
ClientSampled :

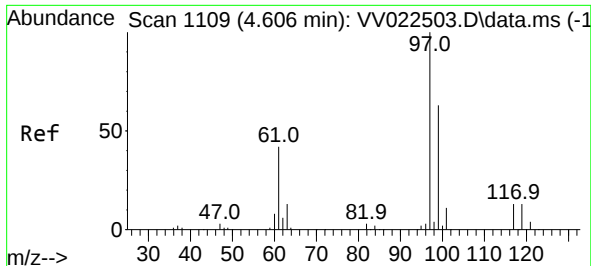
Tgt Ion: 96 Resp: 6700
Ion Ratio Lower Upper
96 100
61 242.1 118.0 219.2#
63 843.8 86.4 160.4#



#20
cis-1,2-Dichloroethene
Concen: 7.091 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

Tgt Ion: 96 Resp: 13277
Ion Ratio Lower Upper
96 100
61 120.5 81.9 152.1
68 0.0 0.0 0.0



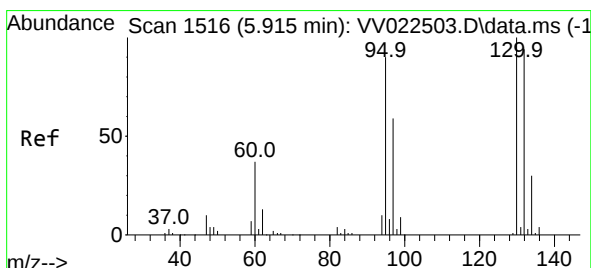
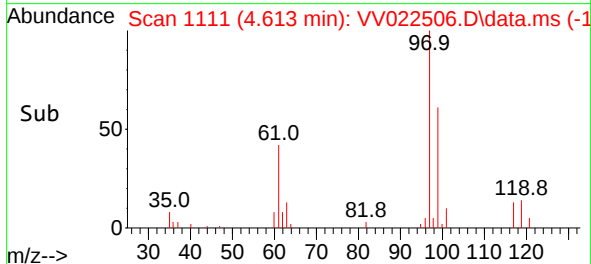
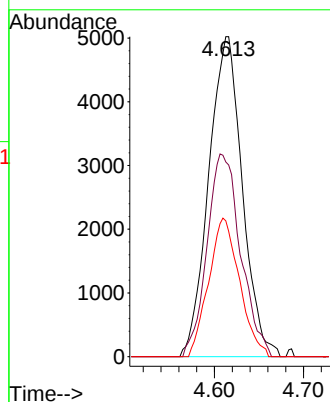
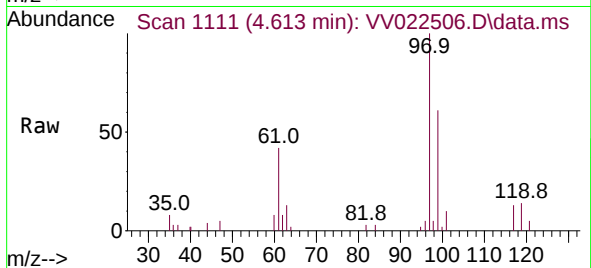


#30

1,1,1-Trichloroethane
Concen: 4.839 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

Instrument :
MSVOA_V
ClientSampled :

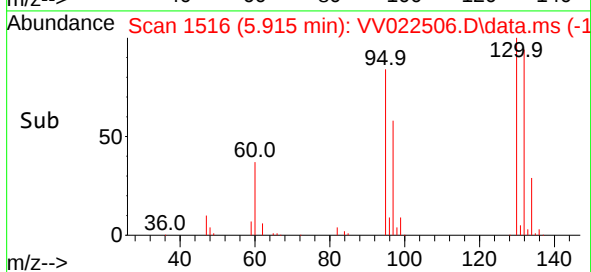
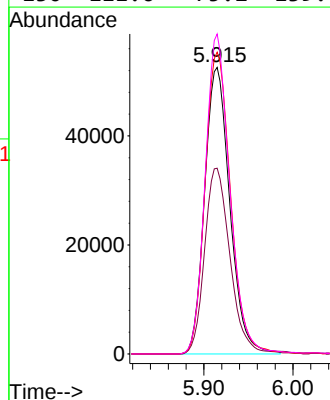
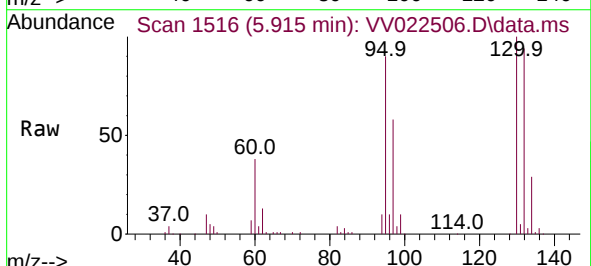
Tgt Ion: 97 Resp: 13158
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 39.8 32.9 49.3

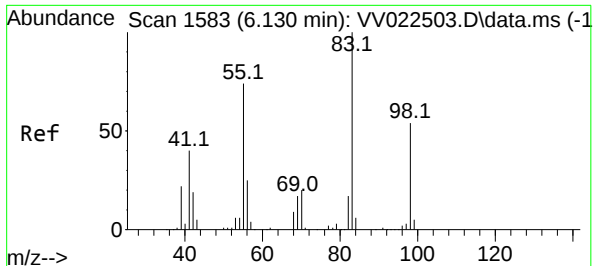


#34

Trichloroethene
Concen: 58.970 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

Tgt Ion: 95 Resp: 103487
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.4
132 105.3 71.5 132.9
130 111.6 75.2 139.6

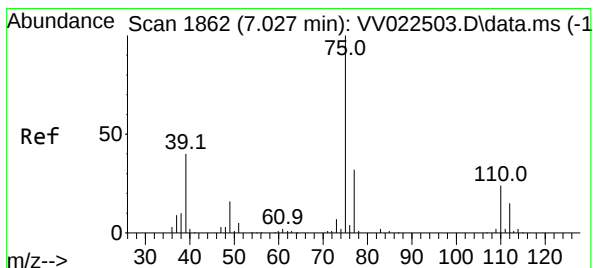
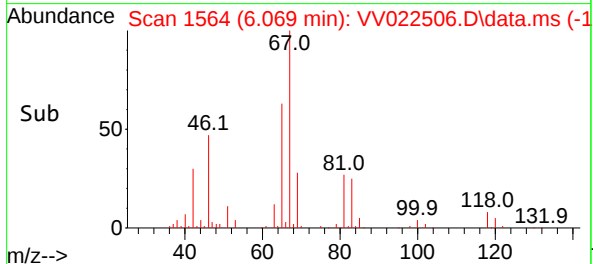
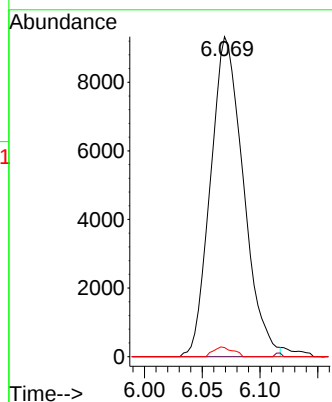
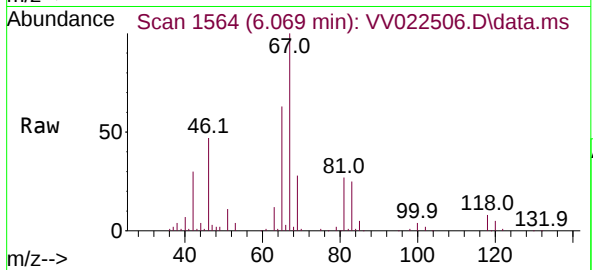




#35
Methylcyclohexane
Concen: 6.936 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

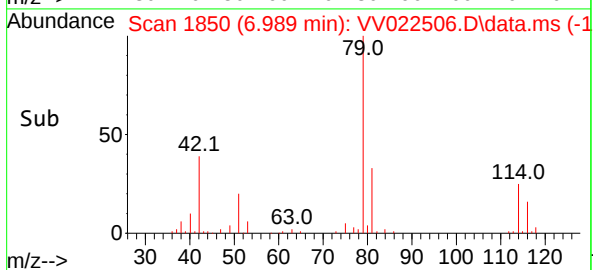
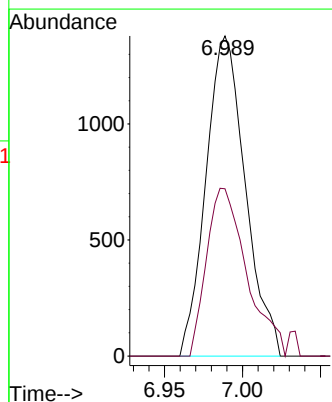
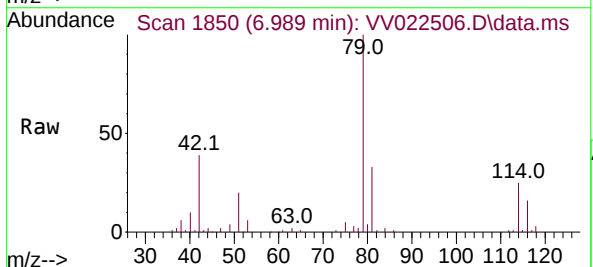
Instrument :
MSVOA_V
ClientSampled :

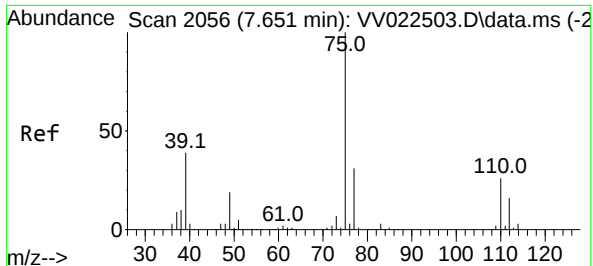
Tgt Ion: 83 Resp: 18455
Ion Ratio Lower Upper
83 100
55 0.2 56.7 85.1#
98 1.8 40.6 60.8#



#39
cis-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

Tgt Ion: 75 Resp: 2419
Ion Ratio Lower Upper
75 100
77 52.3 21.6 40.2#

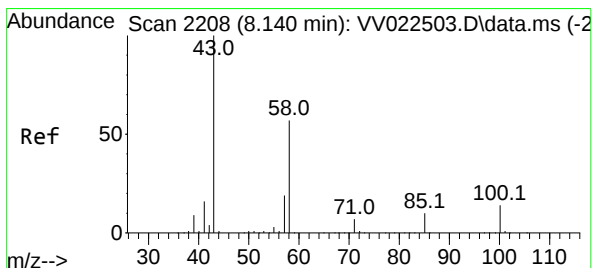
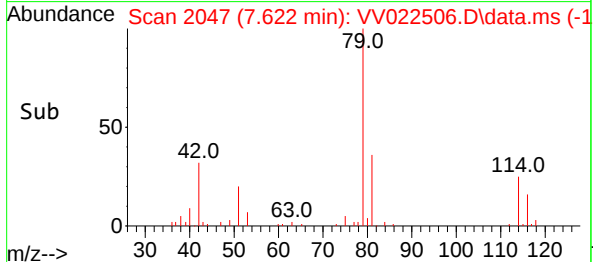
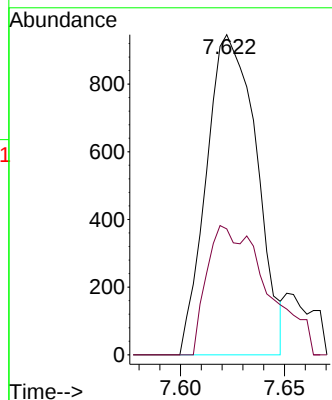
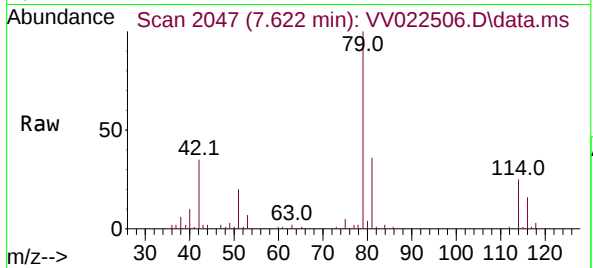




#44
trans-1,3-Dichloropropene
Concen: 0.636 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

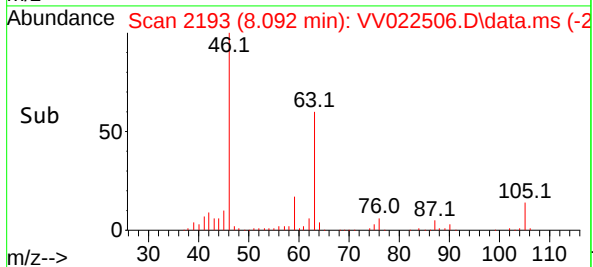
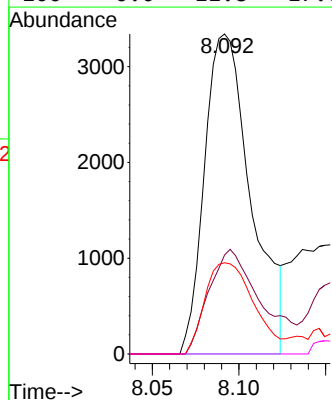
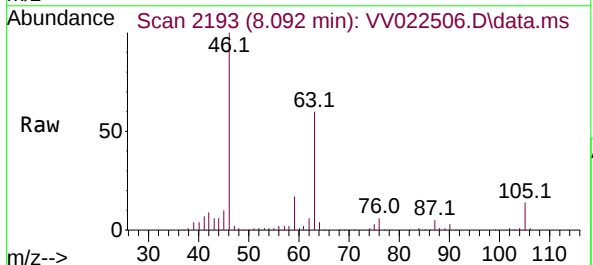
Instrument :
MSVOA_V
ClientSampled :

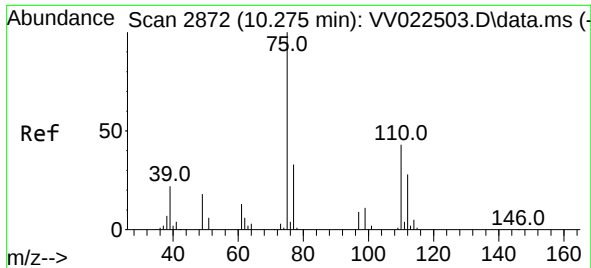
Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
77 39.3 22.0 40.8



#48
2-Hexanone
Concen: 3.379 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022506.D
Acq: 02 Oct 2021 12:49

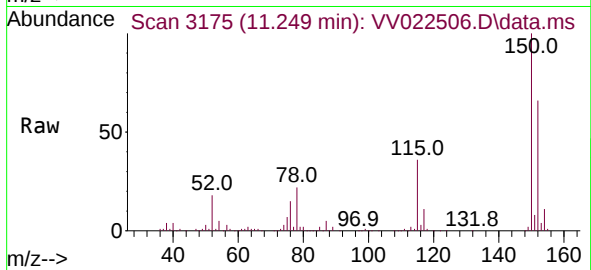
Tgt Ion: 43 Resp: 6249
Ion Ratio Lower Upper
43 100
58 32.6 47.0 70.4#
57 29.7 15.8 23.6#
100 0.0 11.8 17.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.911 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022506.D
 Acq: 02 Oct 2021 12:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp: 11648
Ion Ratio	Lower Upper
75	100
77	32.0 26.0 39.0
110	3.0 34.3 51.5#

