

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021916.D
 Acq On : 11 May 2021 22:11
 Operator : JC/MD
 Sample : M2337-04DL 40X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 06:27:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 06:12:28 2021
 Response via : Initial Calibration

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

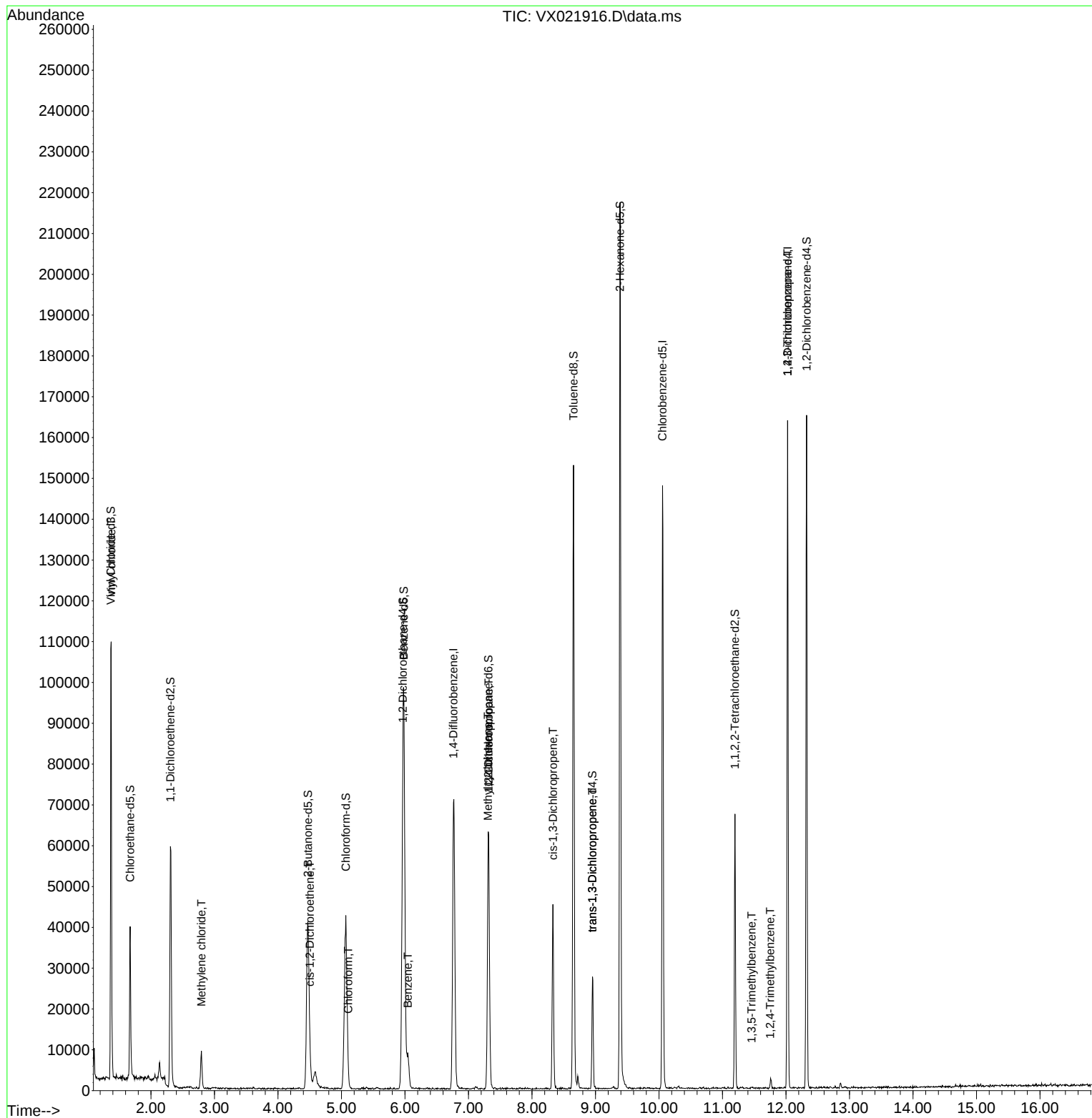
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	75405	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66745	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29778	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25966	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.673	69	22708	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.307	63	33919	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.471	46	76107	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	5.068	84	49365	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.964	65	26978	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.983	84	101169	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	7.312	67	31807	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	8.653	98	87154	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.952	79	12764	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	9.385	63	64802	49.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.54%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	24974	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	29833	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	49103	6.62	ug/L	97
16) Methylene chloride	2.794	84	3598	0.48	ug/L	92
22) cis-1,2-Dichloroethene	4.501	96	638	0.10	ug/L	86
25) Chloroform	5.105	83	1012	0.10	ug/L	96
33) Benzene	6.044	78	9182	0.40	ug/L	100
35) Methylcyclohexane	7.306	83	8092	0.79	ug/L #	18
37) 1,2-Dichloropropane	7.318	63	3614	0.64	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1058	0.12	ug/L	89
44) trans-1,3-Dichloropropene	8.952	75	620	0.09	ug/L	95
61) 1,2,3-Trichloropropane	12.024	75	4287	1.39	ug/L #	60
62) 1,3,5-Trimethylbenzene	11.457	105	102	0.00	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.750	105	270	0.01	ug/L #	80

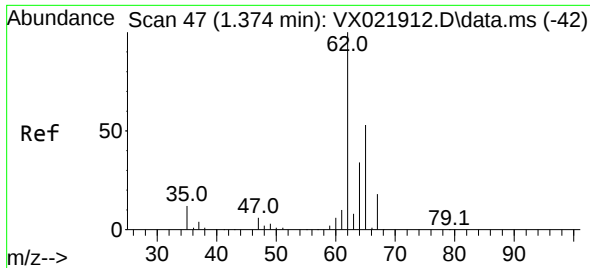
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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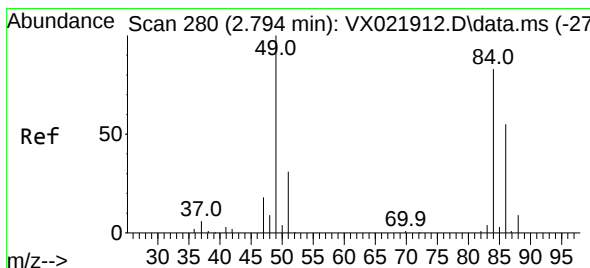
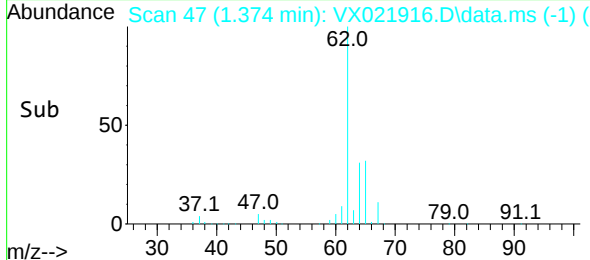
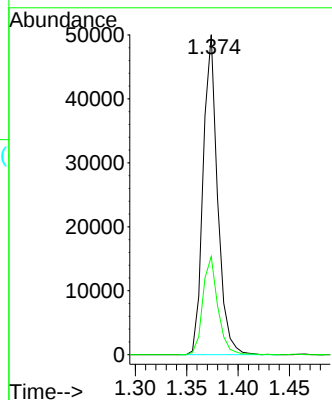
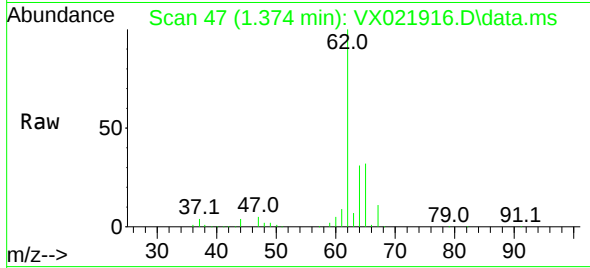




#5
 Vinyl chloride
 Concen: 6.62 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX021916.D
 Acq: 11 May 2021 22:11

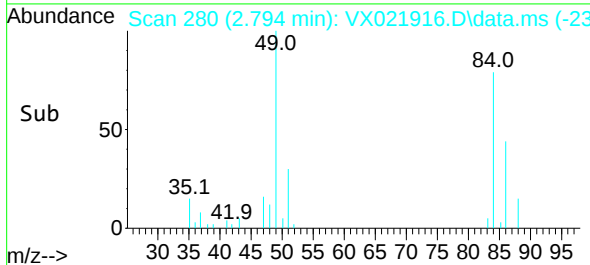
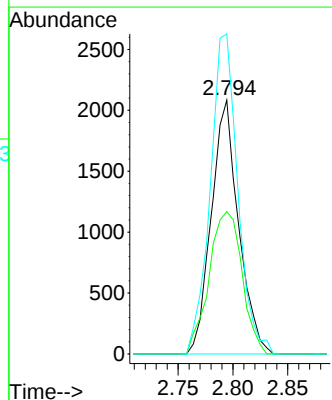
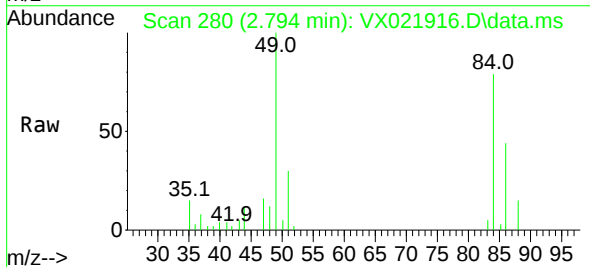
Instrument :
 MSVOA_X
 ClientSampled :

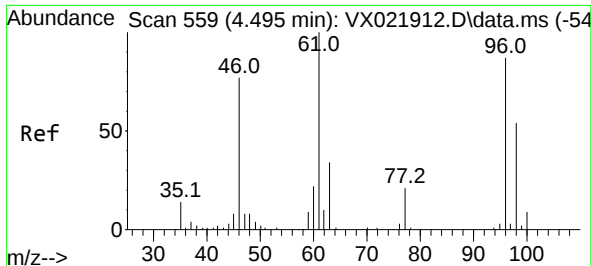
Tgt Ion: 62 Resp: 49103
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.7 42.1



#16
 Methylene chloride
 Concen: 0.48 ug/L
 RT: 2.794 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VX021916.D
 Acq: 11 May 2021 22:11

Tgt Ion: 84 Resp: 3598
 Ion Ratio Lower Upper
 84 100
 86 56.1 46.3 86.1
 49 126.1 84.4 156.7





#22

cis-1,2-Dichloroethene

Concen: 0.10 ug/L

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

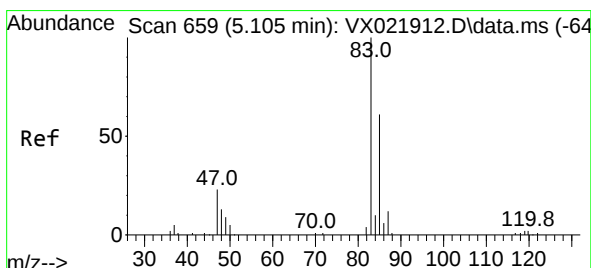
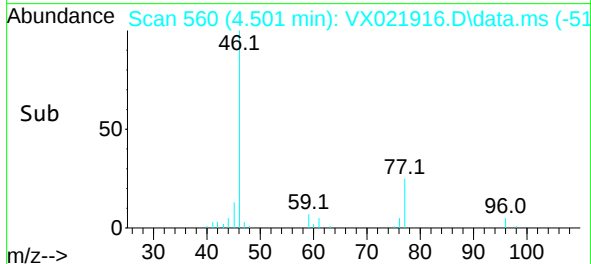
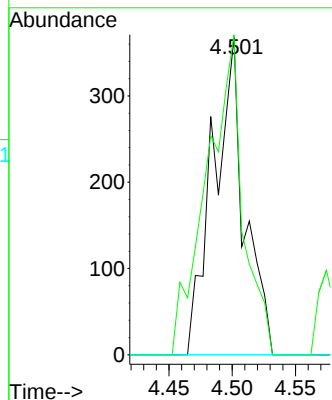
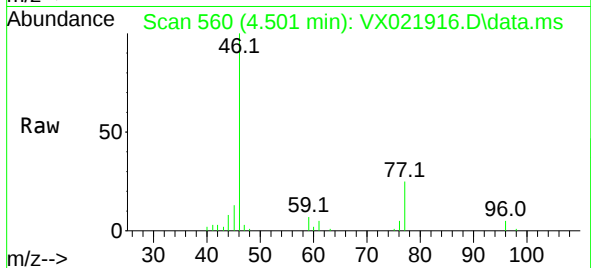
Lab File: VX021916.D

Acq: 11 May 2021 22:11

Tgt Ion: 96 Resp: 638

Ion	Ratio	Lower	Upper
96	100		
61	100.8	80.9	150.3
68	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampled :



#25

Chloroform

Concen: 0.10 ug/L

RT: 5.105 min Scan# 659

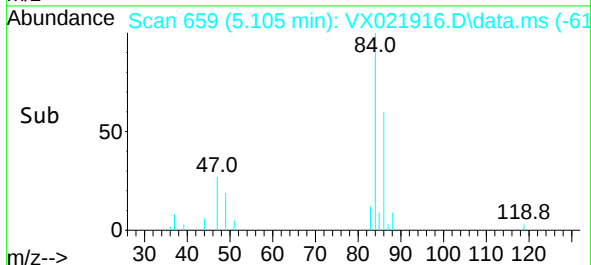
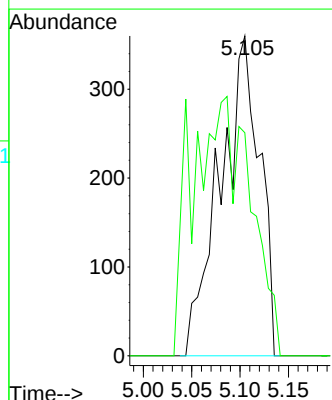
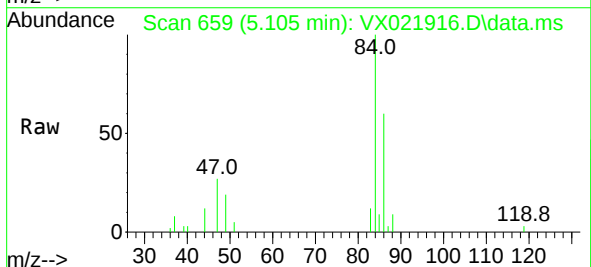
Delta R.T. 0.000 min

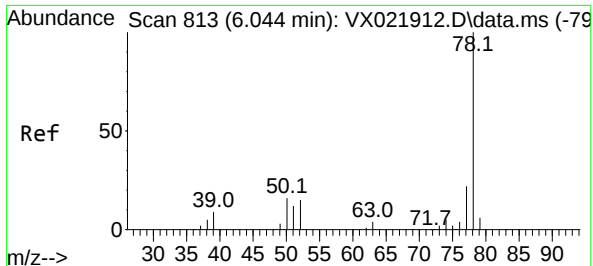
Lab File: VX021916.D

Acq: 11 May 2021 22:11

Tgt Ion: 83 Resp: 1012

Ion	Ratio	Lower	Upper
83	100		
85	69.7	46.3	86.1

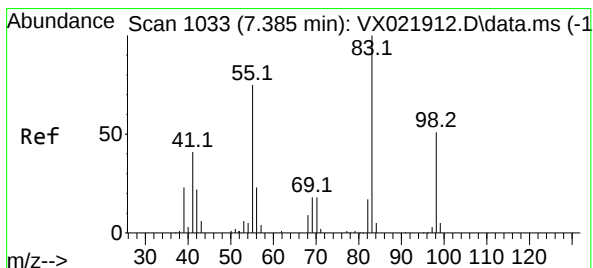
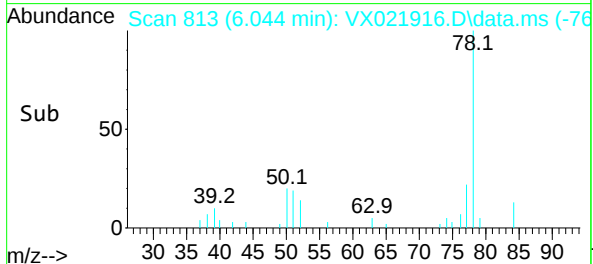
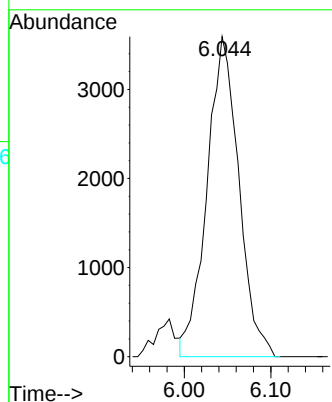
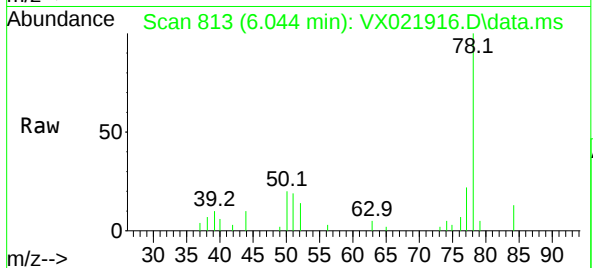




#33
Benzene
Concen: 0.40 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

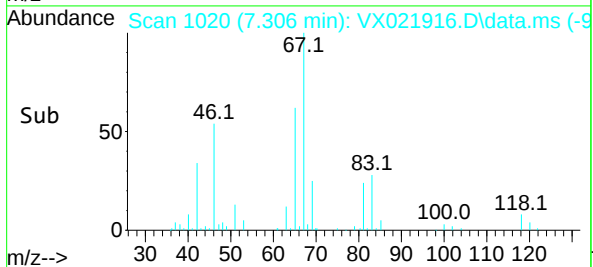
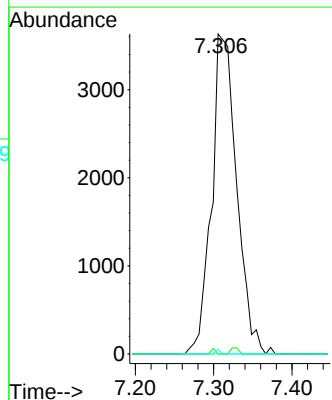
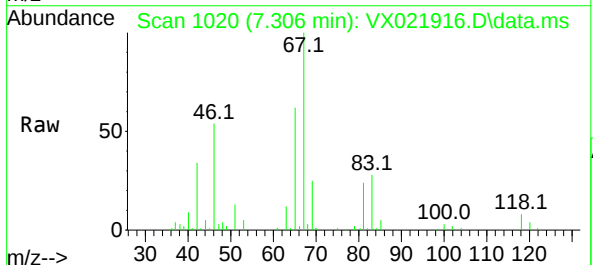
Instrument :
MSVOA_X
ClientSampled :

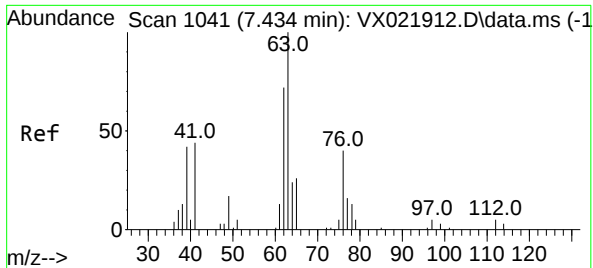
Tgt Ion: 78 Resp: 9182



#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.079 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

Tgt Ion: 83 Resp: 8092
Ion Ratio Lower Upper
83 100
55 0.3 60.3 90.5#
98 0.2 39.4 59.2#

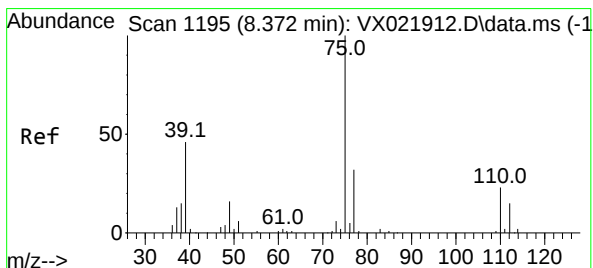
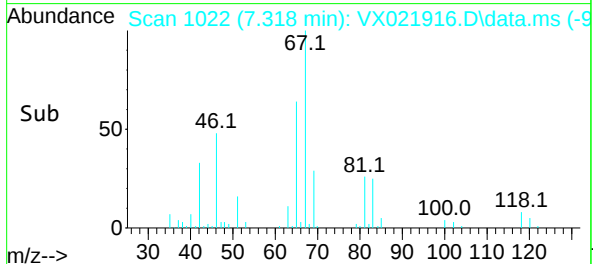
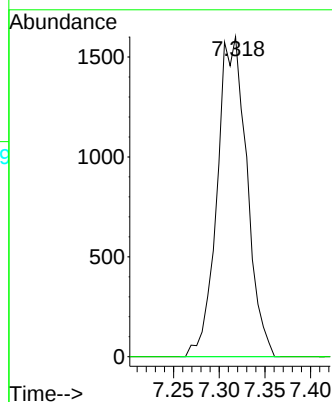
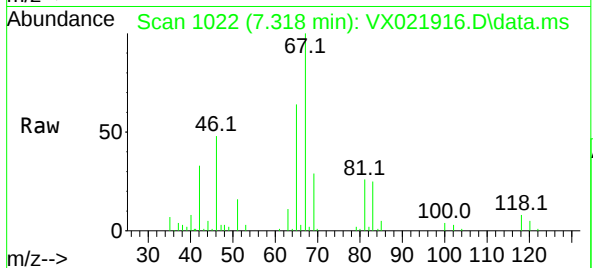




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

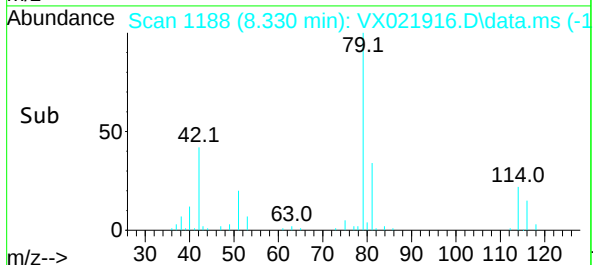
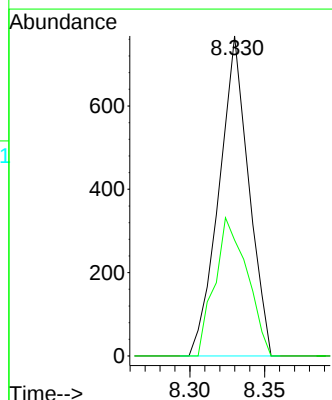
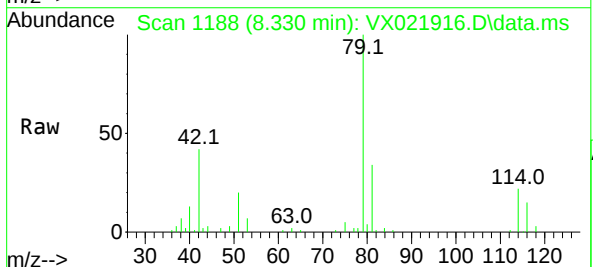
Instrument :
MSVOA_X
ClientSampled :

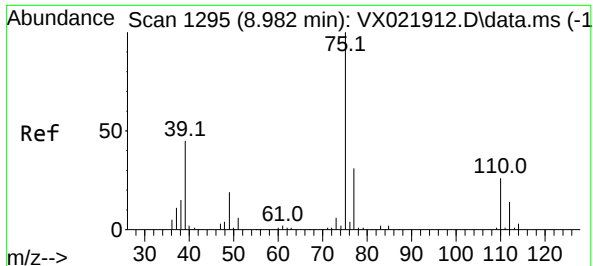
Tgt Ion: 63 Resp: 3614
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.043 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

Tgt Ion: 75 Resp: 1058
Ion Ratio Lower Upper
75 100
77 36.2 21.3 39.5

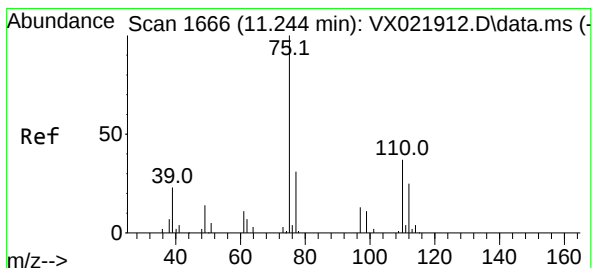
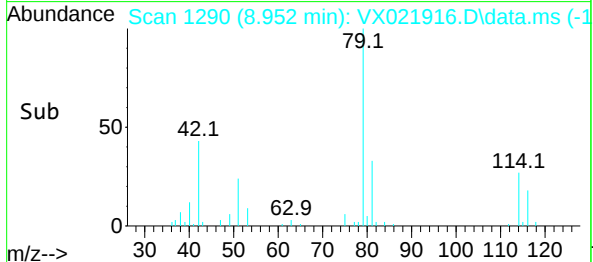
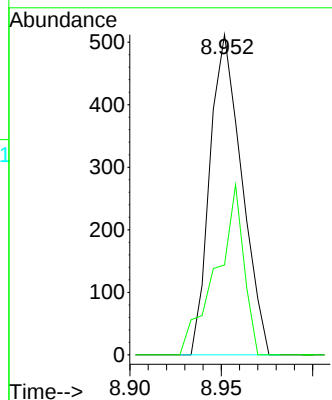
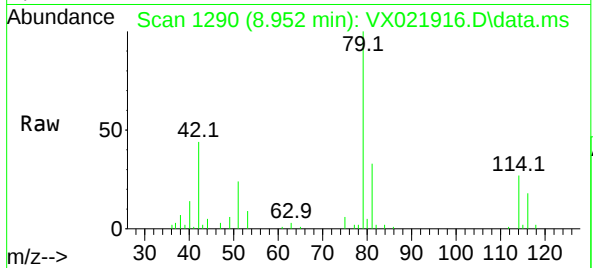




#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

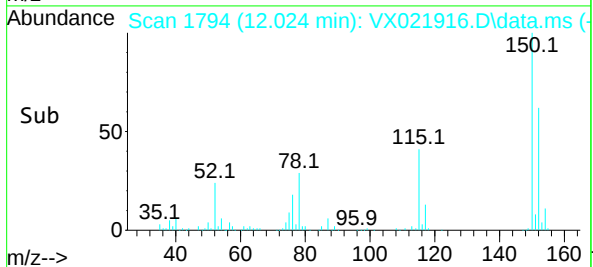
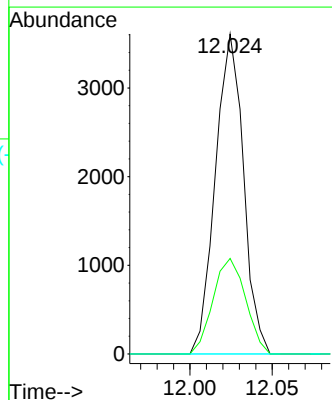
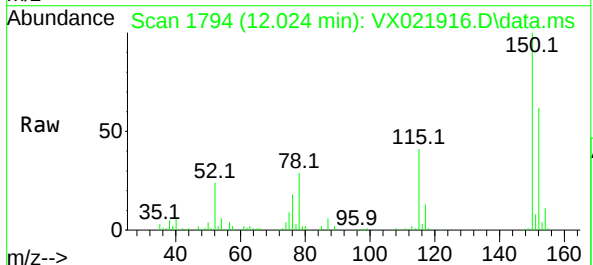
Instrument :
MSVOA_X
ClientSampled :

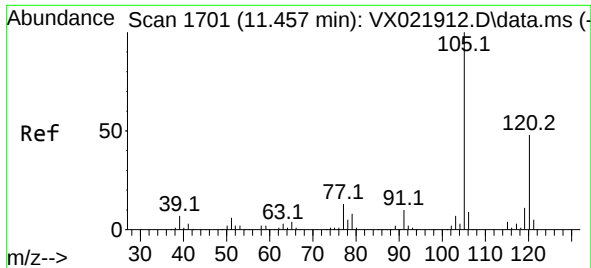
Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
77 28.1 21.6 40.0



#61
1,2,3-Trichloropropane
Concen: 1.39 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

Tgt Ion: 75 Resp: 4287
Ion Ratio Lower Upper
75 100
77 34.6 24.6 37.0
110 0.0 32.3 48.5#

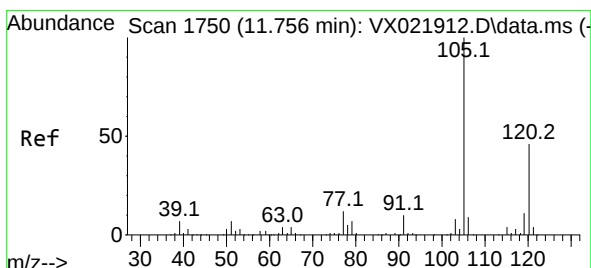
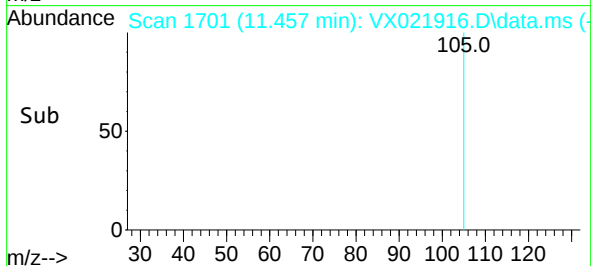
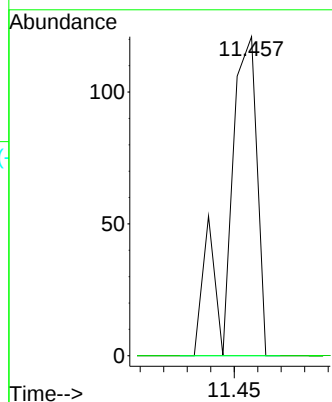
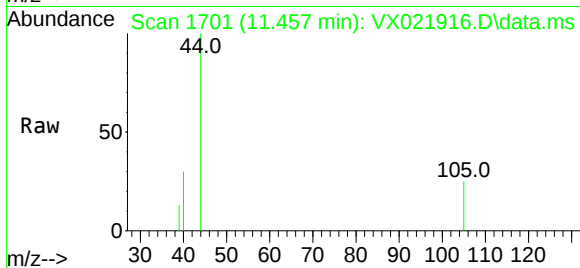




#62
1,3,5-Trimethylbenzene
Concen: 0.00 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 102
Ion Ratio Lower Upper
105 100
120 0.0 38.4 57.6#



#63
1,2,4-Trimethylbenzene
Concen: 0.01 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX021916.D
Acq: 11 May 2021 22:11

Tgt Ion:105 Resp: 270
Ion Ratio Lower Upper
105 100
120 32.2 36.4 54.6#

