

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021890.D
 Acq On : 11 May 2021 10:47
 Operator : JC/MD
 Sample : VX0511WBL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

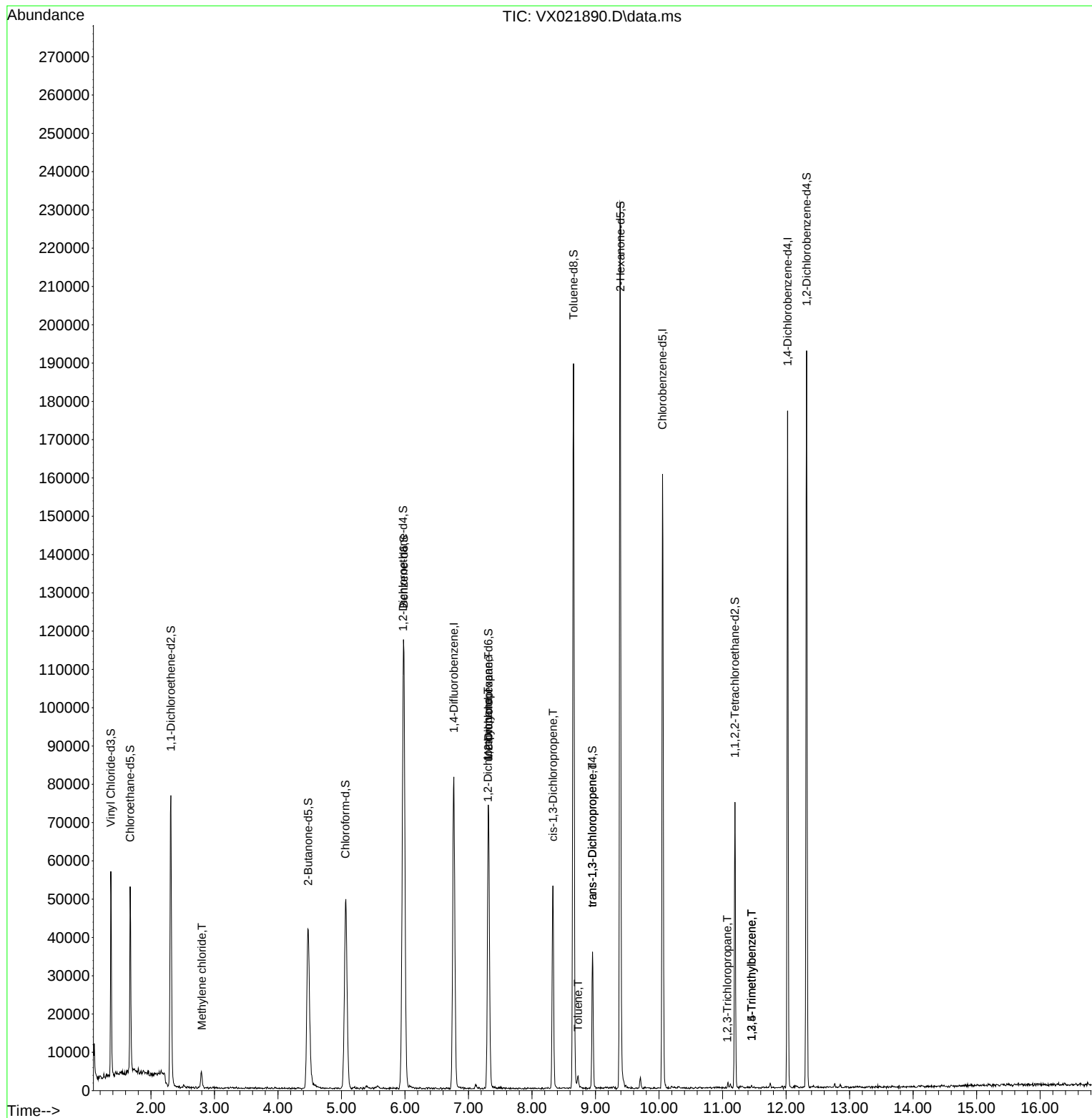
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	81554	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	71867	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33258	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	34323	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.672	69	27959	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.313	63	43813	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.477	46	80159	50.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	5.062	84	58202	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.970	65	31150	5.04	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.983	84	121898	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	7.312	67	38295	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	8.653	98	111665	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloroprop...	8.952	79	16805	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	9.391	63	72011	51.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.72%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	28030	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	36242	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						Qvalue
16) Methylene chloride	2.800	84	2024	0.25	ug/L	81
35) Methylcyclohexane	7.312	83	8887	0.80	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	4200	0.70	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1378	0.15	ug/L #	81
42) Toluene	8.726	91	2023	0.08	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	834	0.11	ug/L	86
61) 1,2,3-Trichloropropane	11.073	75	254	0.07	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.457	105	162	0.01	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	162	0.01	ug/L	96

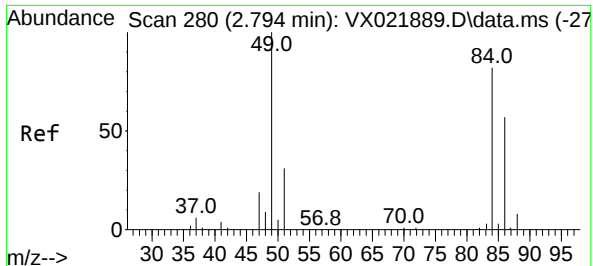
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 12 03:38:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 12 03:37:54 2021
Response via : Initial Calibration

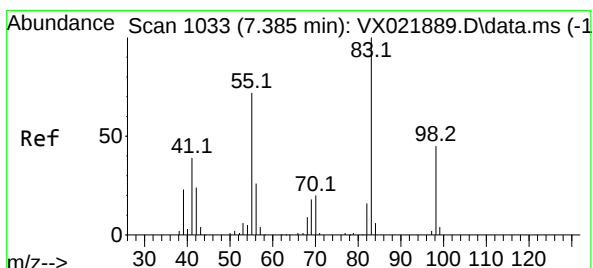
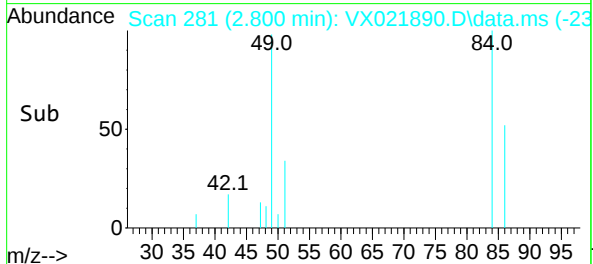
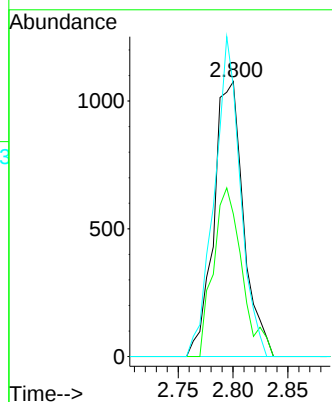
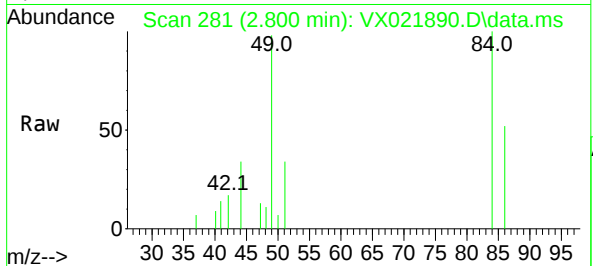




#16
Methylene chloride
Concen: 0.25 ug/L
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX021890.D
Acq: 11 May 2021 10:47

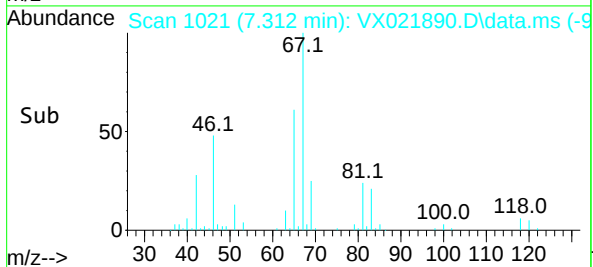
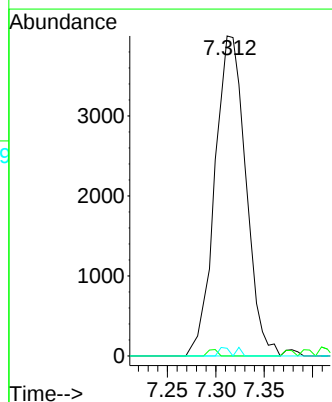
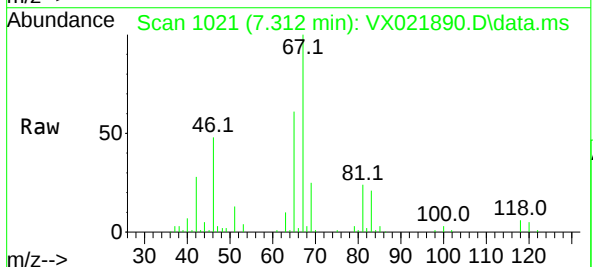
Instrument :
MSVOA_X
ClientSampled :

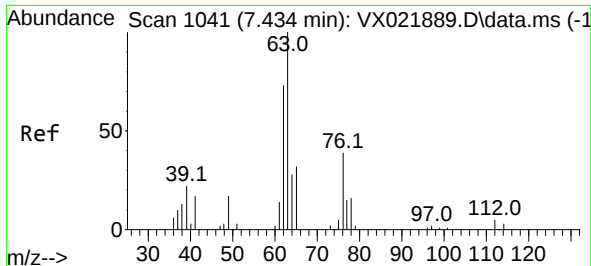
Tgt Ion: 84 Resp: 2024
Ion Ratio Lower Upper
84 100
86 51.9 46.3 86.1
49 98.3 84.4 156.7



#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX021890.D
Acq: 11 May 2021 10:47

Tgt Ion: 83 Resp: 8887
Ion Ratio Lower Upper
83 100
55 0.6 60.3 90.5#
98 0.8 39.4 59.2#



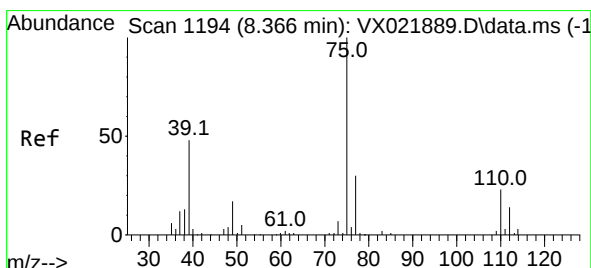
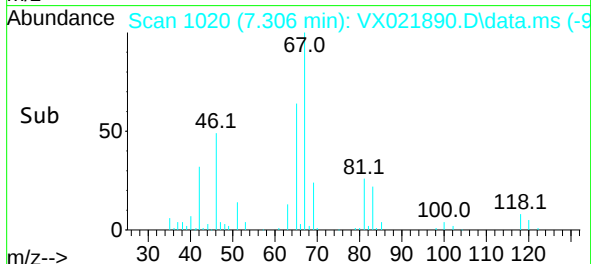
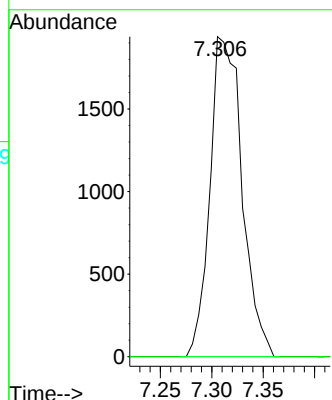
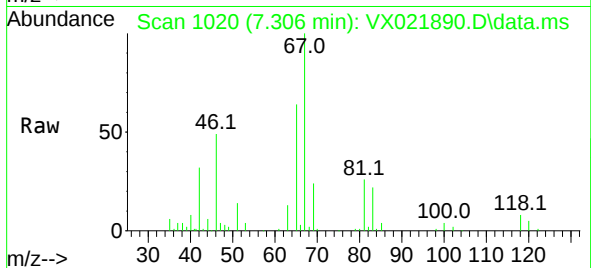


#37

1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.128 min
Lab File: VX021890.D
Acq: 11 May 2021 10:47

Instrument :
MSVOA_X
ClientSampled :

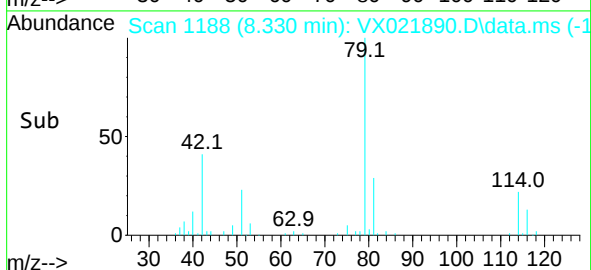
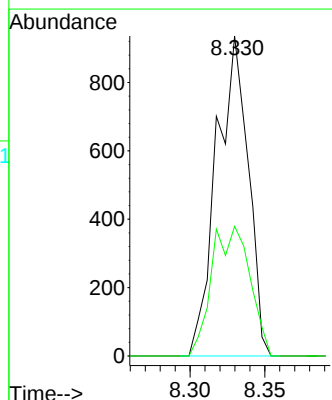
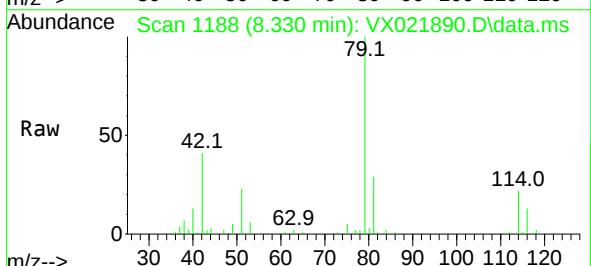
Tgt Ion: 63 Resp: 4200
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

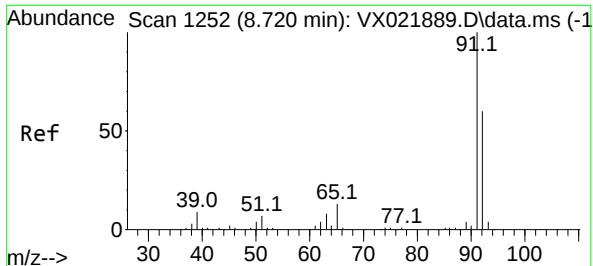


#39

cis-1,3-Dichloropropene
Concen: 0.15 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX021890.D
Acq: 11 May 2021 10:47

Tgt Ion: 75 Resp: 1378
Ion Ratio Lower Upper
75 100
77 40.5 21.3 39.5#





#42

Toluene

Concen: 0.08 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX021890.D

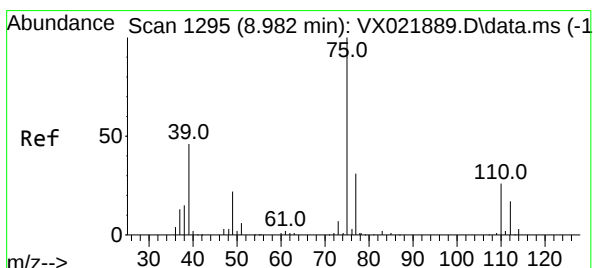
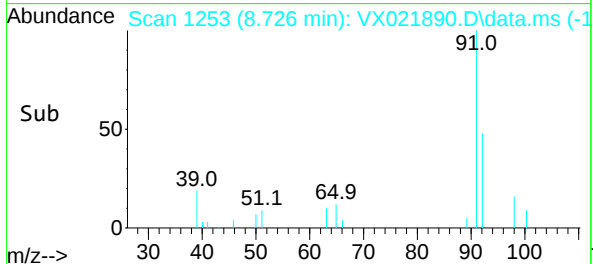
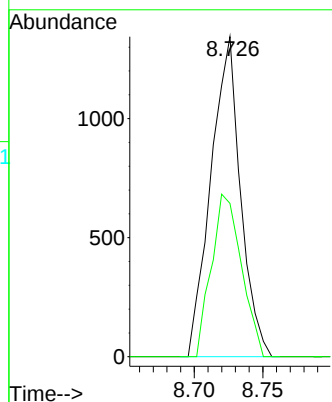
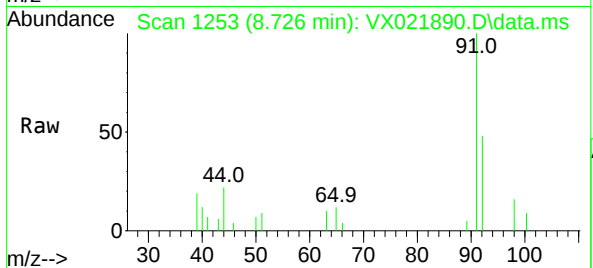
Acq: 11 May 2021 10:47

Tgt Ion: 91 Resp: 2023

Ion Ratio Lower Upper

91 100

92 47.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.11 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX021890.D

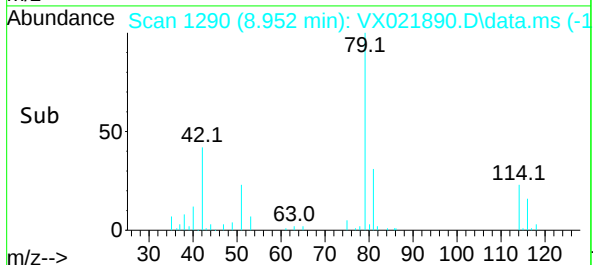
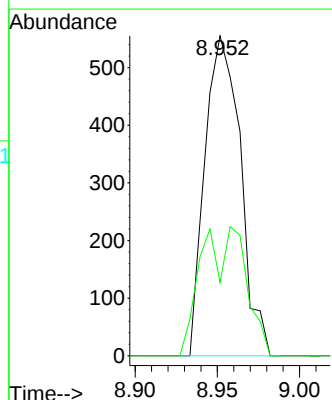
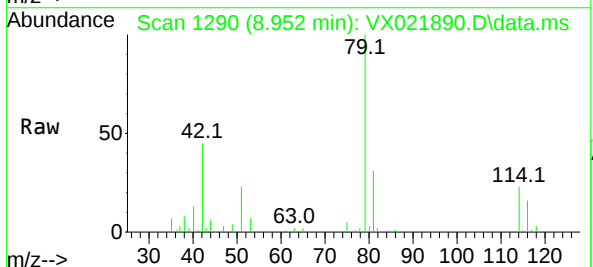
Acq: 11 May 2021 10:47

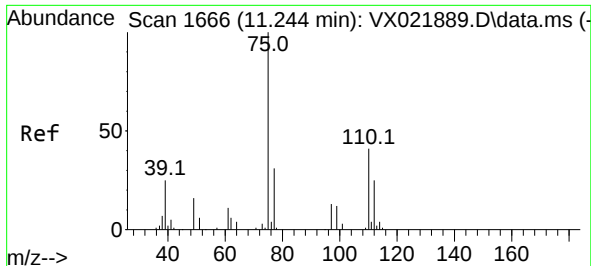
Tgt Ion: 75 Resp: 834

Ion Ratio Lower Upper

75 100

77 22.9 21.6 40.0

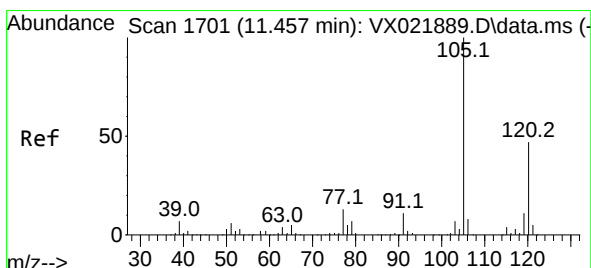
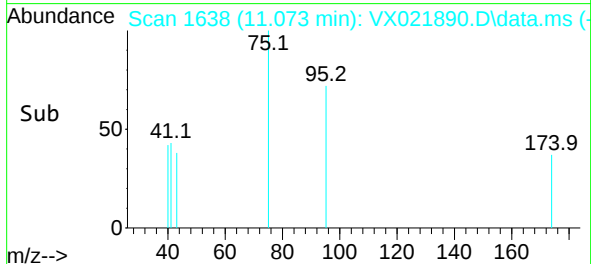
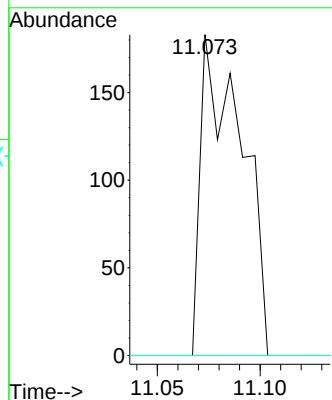
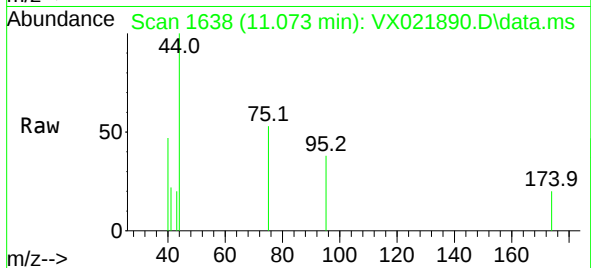




#61
1,2,3-Trichloropropane
Concen: 0.07 ug/L
RT: 11.073 min Scan# 1638
Delta R.T. -0.171 min
Lab File: VX021890.D
Acq: 11 May 2021 10:47

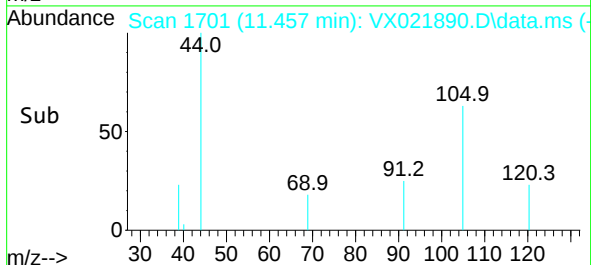
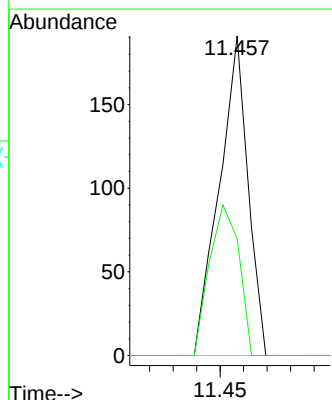
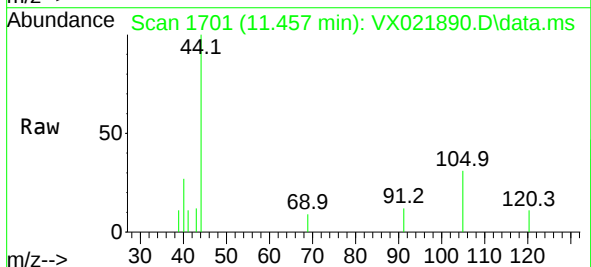
Instrument :
MSVOA_X
ClientSampled :

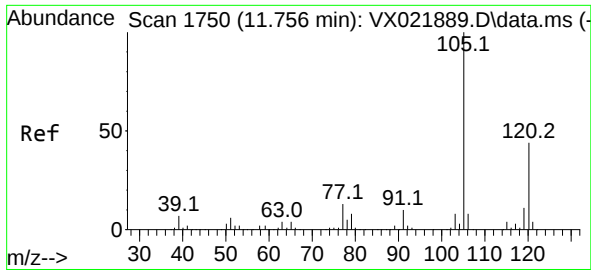
Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
110 0.0 32.3 48.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021890.D
Acq: 11 May 2021 10:47

Tgt Ion: 105 Resp: 162
Ion Ratio Lower Upper
105 100
120 48.1 38.4 57.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.01 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. -0.299 min
 Lab File: VX021890.D
 Acq: 11 May 2021 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 162
 Ion Ratio Lower Upper
 105 100
 120 48.1 36.4 54.6

