

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022009.D
 Acq On : 14 May 2021 21:02
 Operator : JC/MD
 Sample : M2410-06
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N1

Quant Time: May 14 23:41:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

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

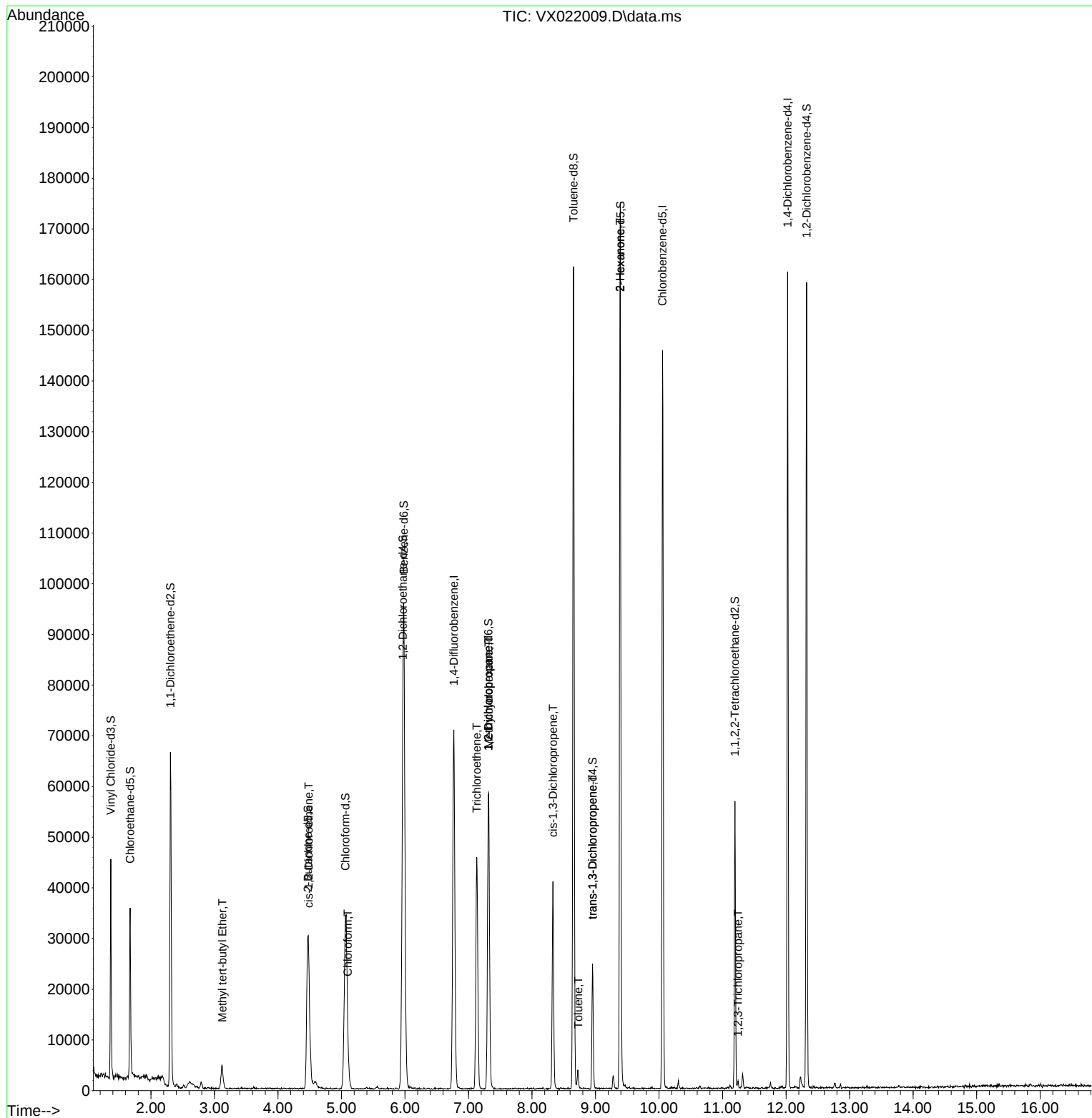
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	70720	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65022	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29402	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25233	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.672	69	19840	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.306	63	35311	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.471	46	59445	42.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.92%
24) Chloroform-d	5.062	84	42256	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.964	65	24041	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.983	84	99981	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	7.312	67	30081	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	8.653	98	91511	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	8.952	79	11676	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	9.391	63	52451	41.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.70%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21311	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	28874	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.123	73	4996	0.40	ug/L	95
22) cis-1,2-Dichloroethene	4.483	96	501	0.08	ug/L #	50
25) Chloroform	5.099	83	4743	0.48	ug/L	89
34) Trichloroethene	7.129	95	16913	2.89	ug/L	91
35) Methylcyclohexane	7.318	83	7235	0.72	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3322	0.61	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	906	0.11	ug/L #	24
42) Toluene	8.726	91	2271	0.10	ug/L	92
44) trans-1,3-Dichloropropene	8.952	75	646	0.09	ug/L	96
48) 2-Hexanone	9.384	43	6155	2.59	ug/L #	67
61) 1,2,3-Trichloropropane	11.244	75	566	0.19	ug/L #	77

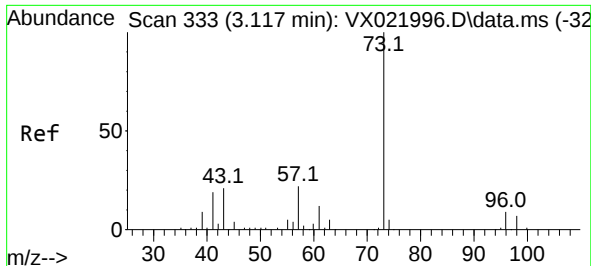
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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BG6N1

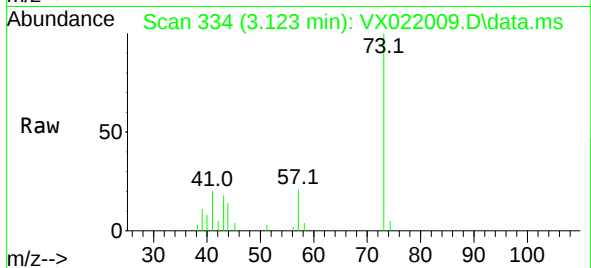
Quant Time: May 14 23:41:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 14 23:38:54 2021
Response via : Initial Calibration



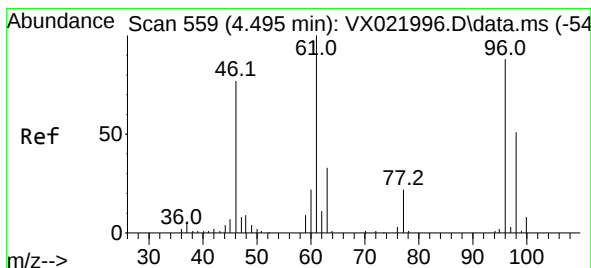
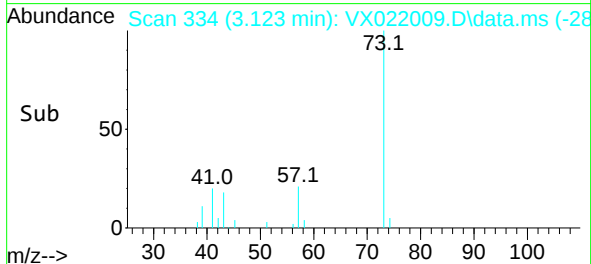
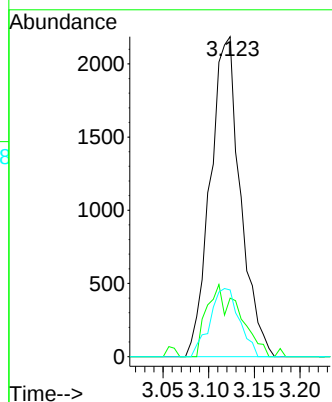


#17
Methyl tert-butyl Ether
Concen: 0.40 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022009.D
Acq: 14 May 2021 21:02

Instrument :
MSVOA_X
ClientSampled :
BG6N1

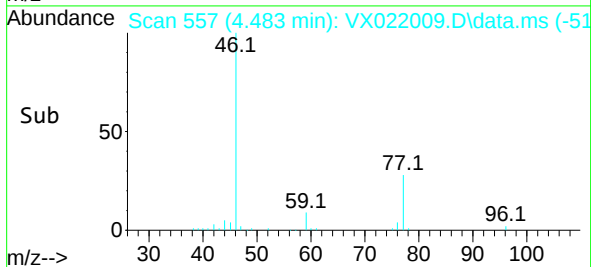
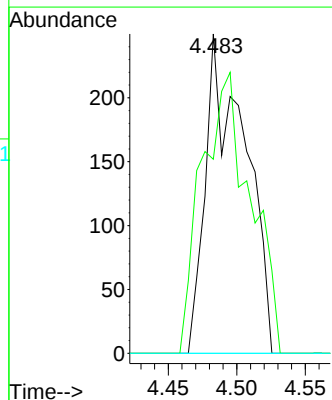
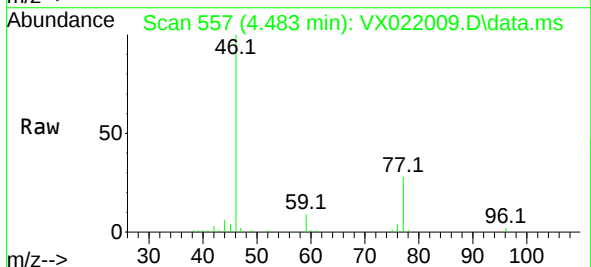


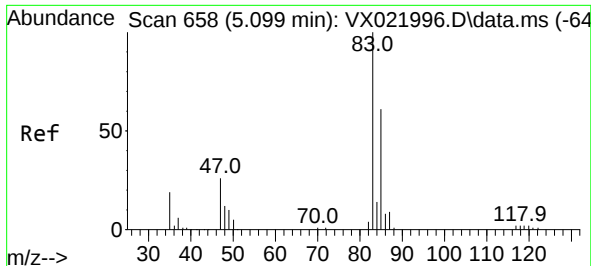
Tgt Ion: 73 Resp: 4996
Ion Ratio Lower Upper
73 100
43 24.5 16.5 24.7
57 20.8 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 0.08 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX022009.D
Acq: 14 May 2021 21:02

Tgt Ion: 96 Resp: 501
Ion Ratio Lower Upper
96 100
61 60.8 80.9 150.3#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.48 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

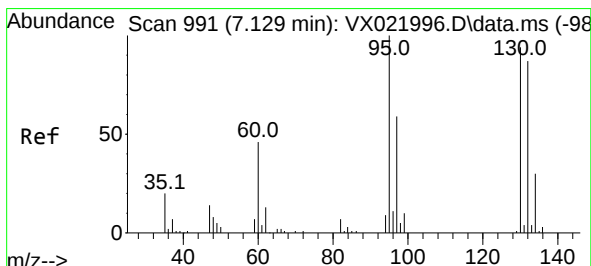
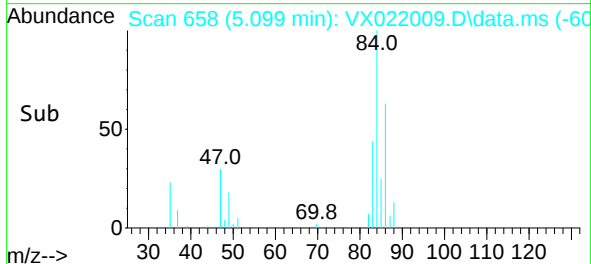
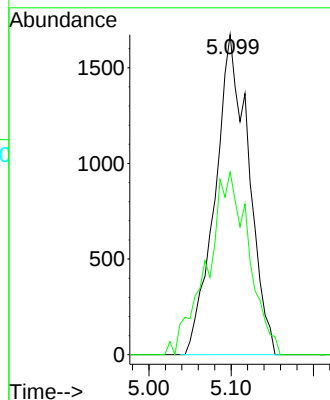
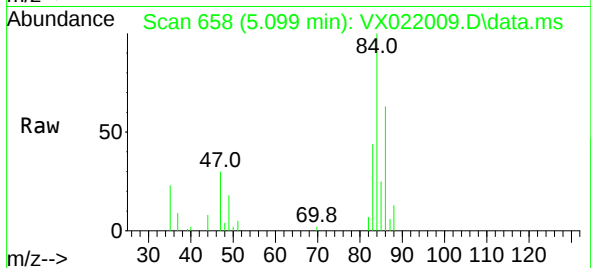
Lab File: VX022009.D

Acq: 14 May 2021 21:02

Tgt Ion: 83 Resp: 4743

Ion	Ratio	Lower	Upper
83	100		
85	57.1	46.3	86.1

Instrument :
MSVOA_X
ClientSampled :
BG6N1



#34

Trichloroethene

Concen: 2.89 ug/L

RT: 7.129 min Scan# 991

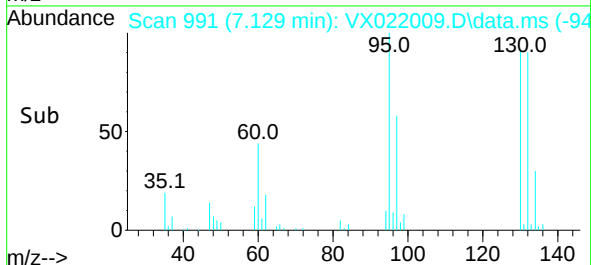
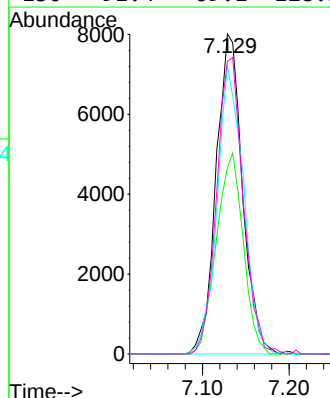
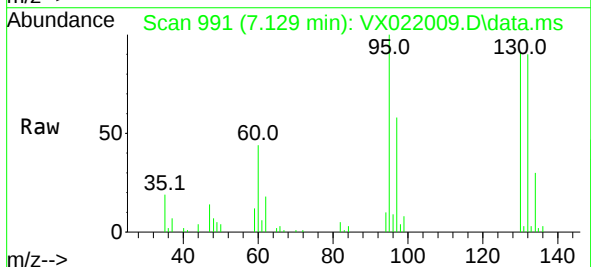
Delta R.T. 0.000 min

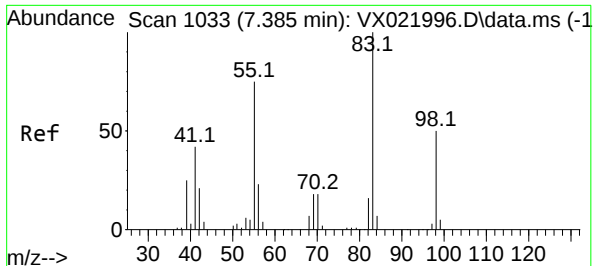
Lab File: VX022009.D

Acq: 14 May 2021 21:02

Tgt Ion: 95 Resp: 16913

Ion	Ratio	Lower	Upper
95	100		
97	58.2	48.6	90.2
132	90.1	67.3	125.1
130	91.4	69.1	128.3





#35

Methylcyclohexane

Concen: 0.72 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.067 min

Lab File: VX022009.D

Acq: 14 May 2021 21:02

Tgt Ion: 83 Resp: 7235

Ion Ratio Lower Upper

83 100

55 0.3 60.3 90.5#

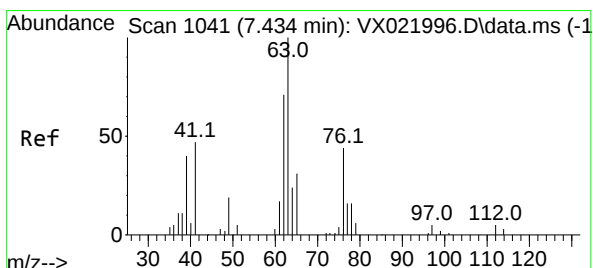
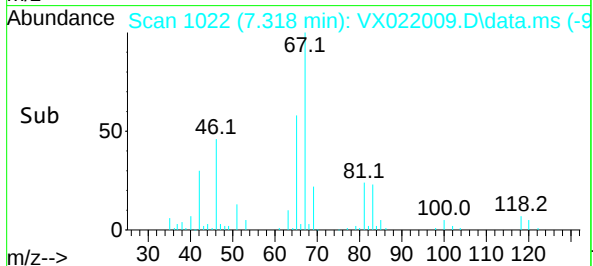
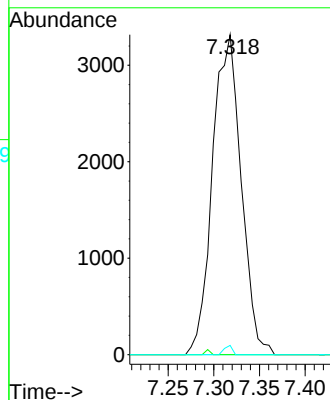
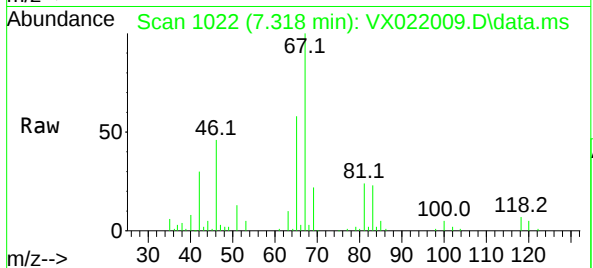
98 0.8 39.4 59.2#

Instrument :

MSVOA_X

ClientSampled :

BG6N1



#37

1,2-Dichloropropane

Concen: 0.61 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX022009.D

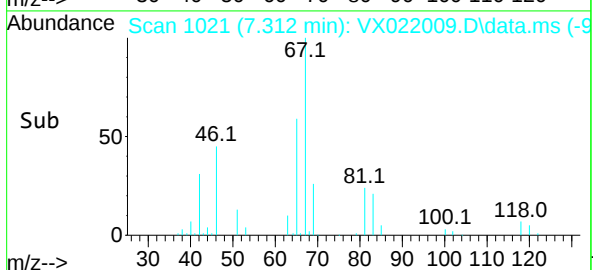
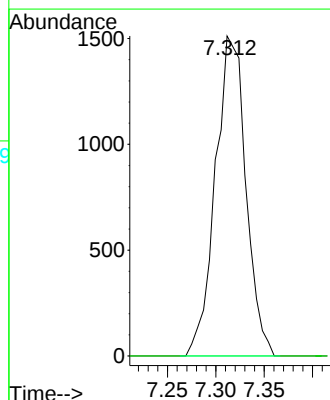
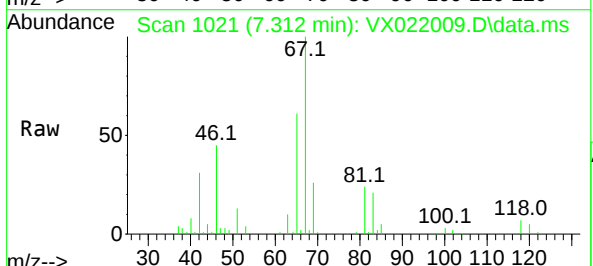
Acq: 14 May 2021 21:02

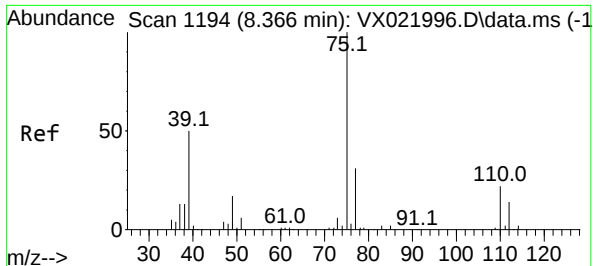
Tgt Ion: 63 Resp: 3322

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

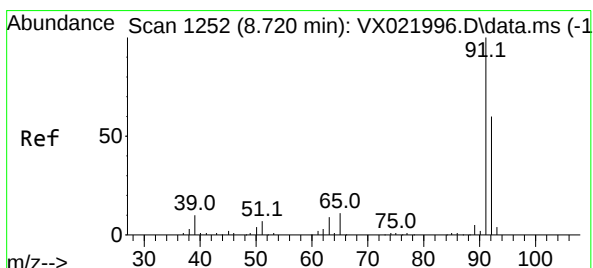
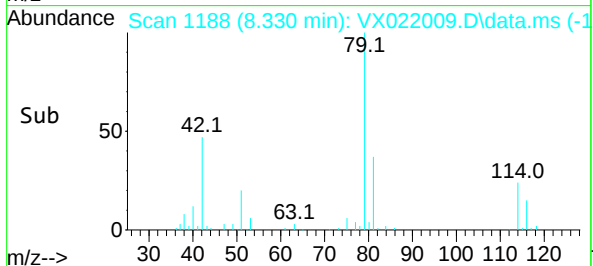
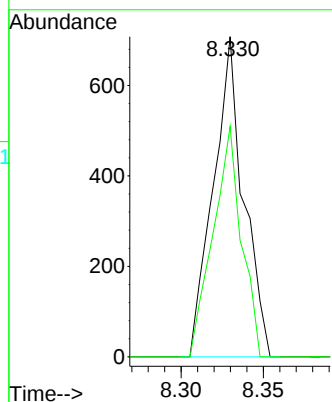
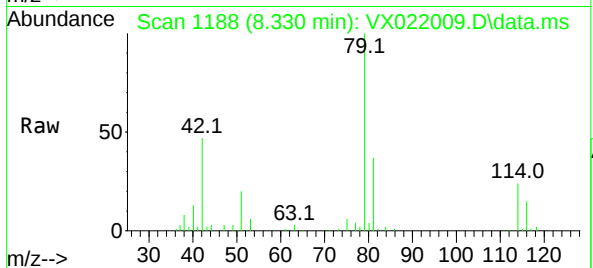




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX022009.D
Acq: 14 May 2021 21:02

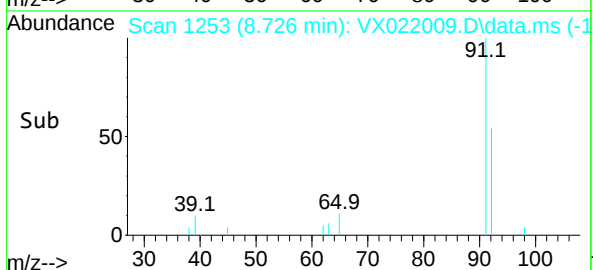
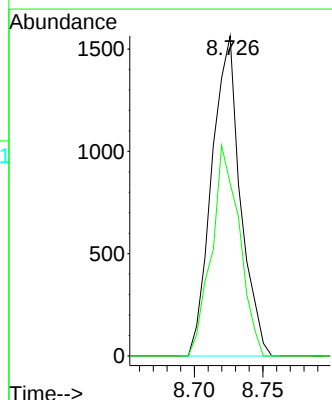
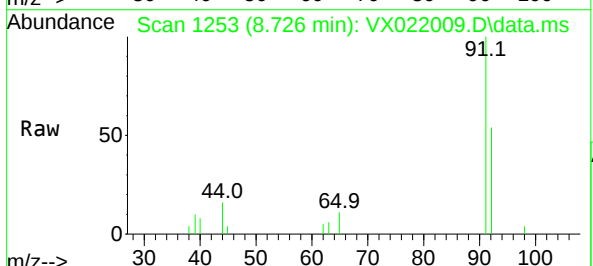
Instrument :
MSVOA_X
ClientSampleId :
BG6N1

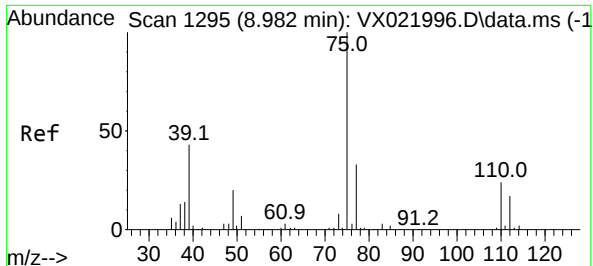
Tgt Ion: 75 Resp: 906
Ion Ratio Lower Upper
75 100
77 72.0 21.3 39.5#



#42
Toluene
Concen: 0.10 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022009.D
Acq: 14 May 2021 21:02

Tgt Ion: 91 Resp: 2271
Ion Ratio Lower Upper
91 100
92 53.8 42.1 78.3

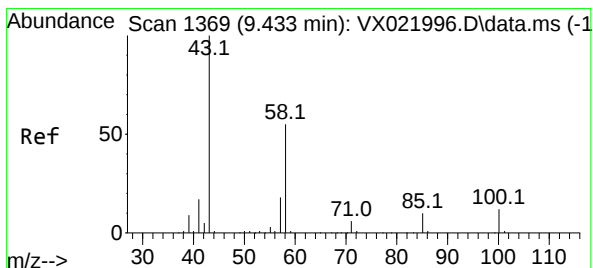
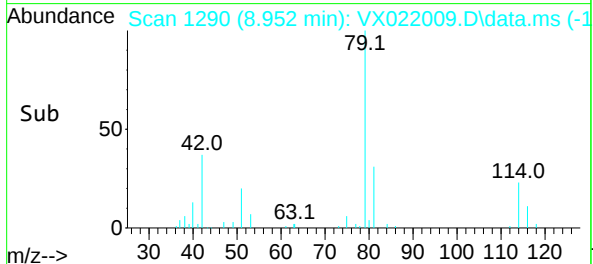
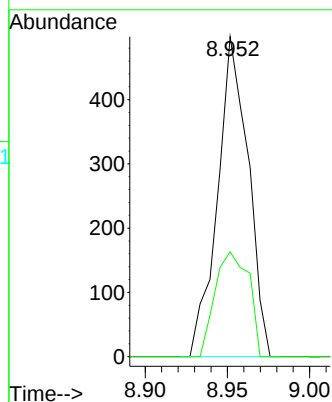
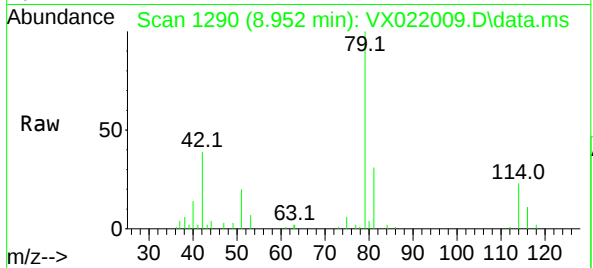




#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX022009.D
Acq: 14 May 2021 21:02

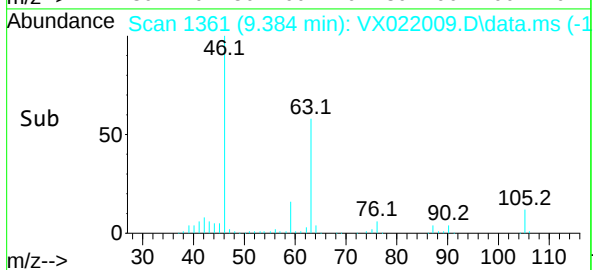
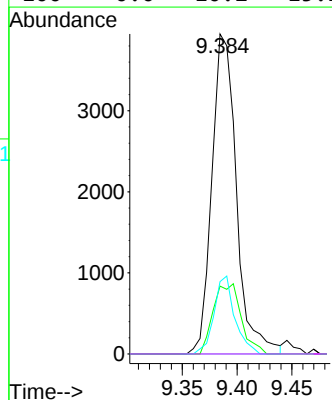
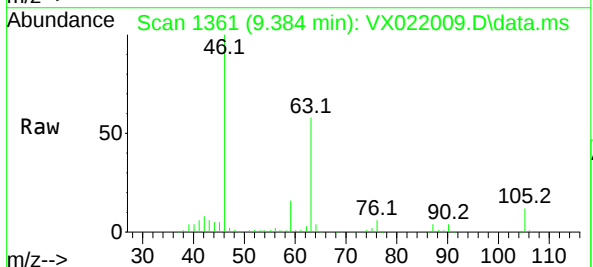
Instrument :
MSVOA_X
ClientSampleId :
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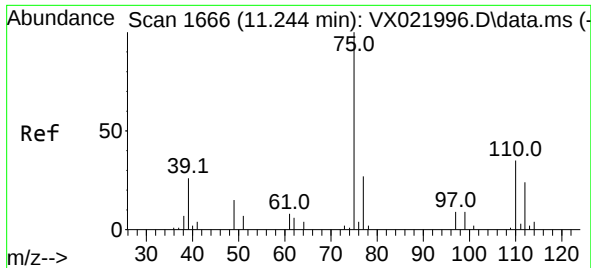
Tgt Ion: 75 Resp: 646
Ion Ratio Lower Upper
75 100
77 32.7 21.6 40.0



#48
2-Hexanone
Concen: 2.59 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022009.D
Acq: 14 May 2021 21:02

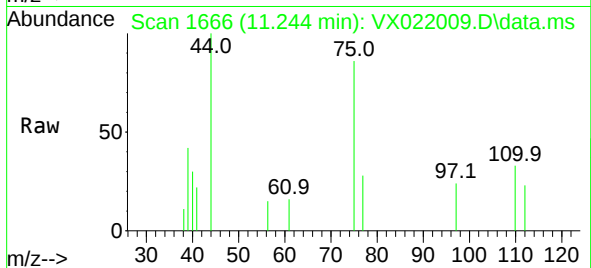
Tgt Ion: 43 Resp: 6155
Ion Ratio Lower Upper
43 100
58 24.8 44.6 67.0#
57 20.6 14.8 22.2
100 0.0 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.19 ug/L
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VX022009.D
 Acq: 14 May 2021 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N1



Tgt Ion:	75	Resp:	566
Ion	Ratio	Lower	Upper
75	100		
77	23.0	24.6	37.0#
110	21.6	32.3	48.5#

