

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021927.D
 Acq On : 12 May 2021 15:13
 Operator : JC/MD
 Sample : M2339-02DL 5X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 13 01:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

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

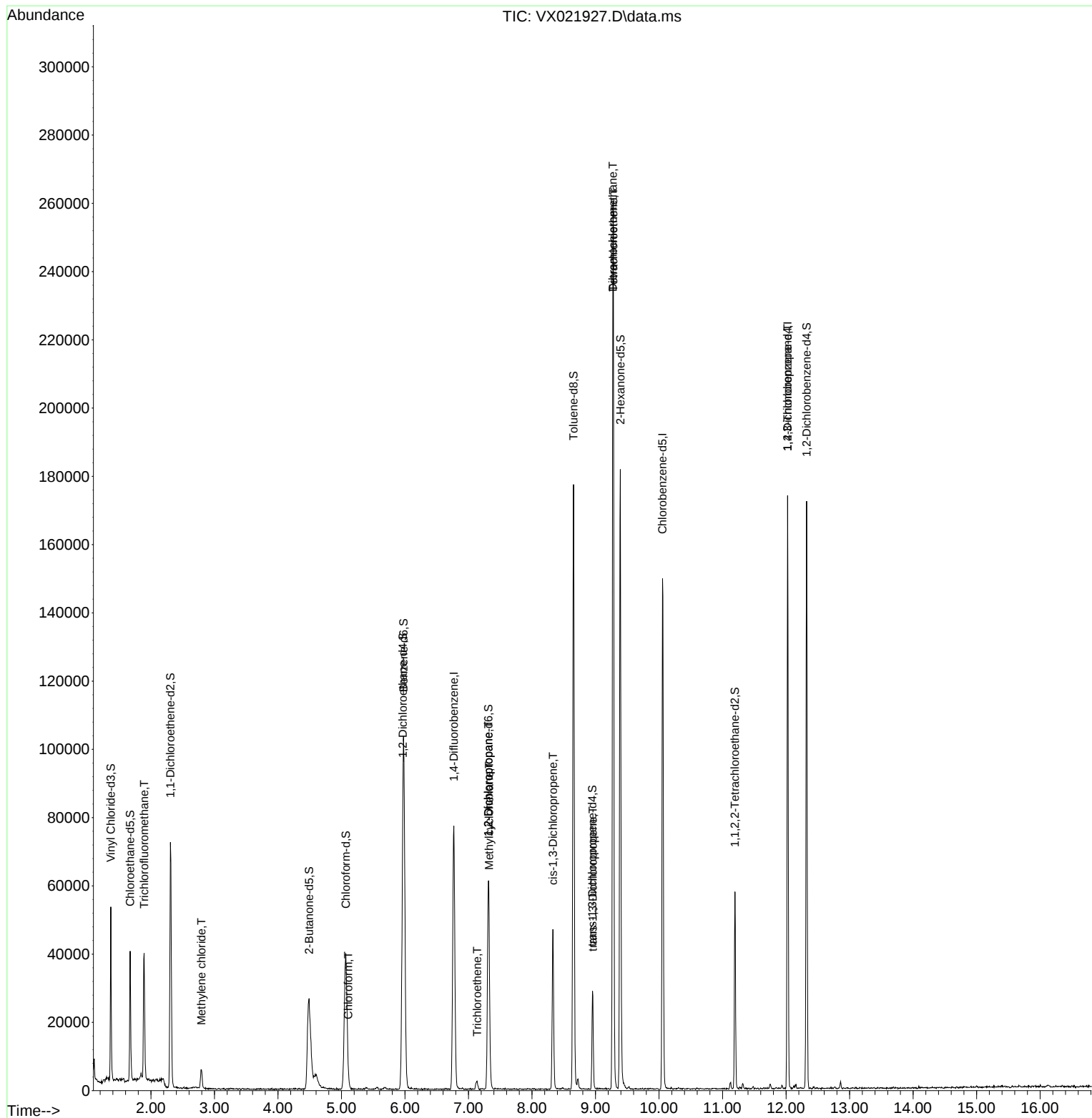
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	77995	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	69475	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32395	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	28561	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.672	69	22479	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.306	63	38627	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.489	46	63627	41.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	5.068	84	49407	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.964	65	25767	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.976	84	108264	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	7.311	67	32289	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	8.652	98	100607	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.951	79	13378	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	9.390	63	55594	41.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.04%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21903	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	31136	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.892	101	21553	2.15	ug/L	99
16) Methylene chloride	2.794	84	2555	0.33	ug/L	90
25) Chloroform	5.104	83	1921	0.18	ug/L	99
34) Trichloroethene	7.134	95	1075	0.17	ug/L #	68
35) Methylcyclohexane	7.323	83	8062	0.75	ug/L #	19
37) 1,2-Dichloropropane	7.311	63	3448	0.59	ug/L #	85
39) cis-1,3-Dichloropropene	8.329	75	1122	0.12	ug/L #	77
44) trans-1,3-Dichloropropene	8.957	75	642	0.09	ug/L #	68
47) Tetrachloroethene	9.280	164	45321	10.86	ug/L	97
49) Dibromochloromethane	9.274	129	48613	10.36	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4700	1.40	ug/L #	63

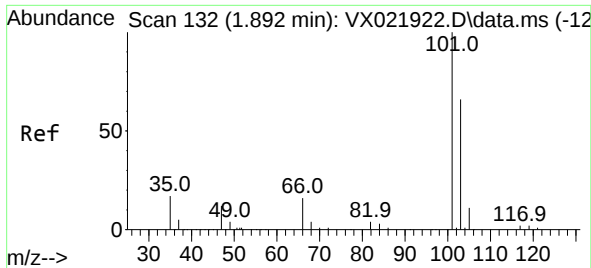
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 13 01:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 13 01:12:16 2021
Response via : Initial Calibration

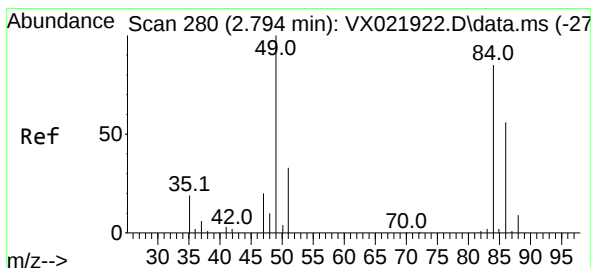
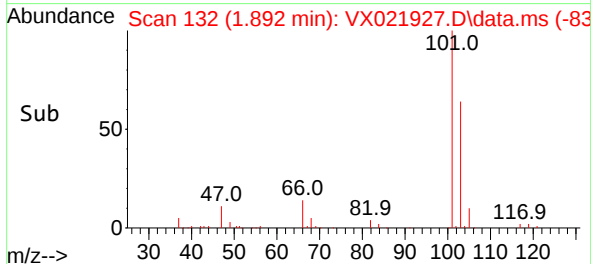
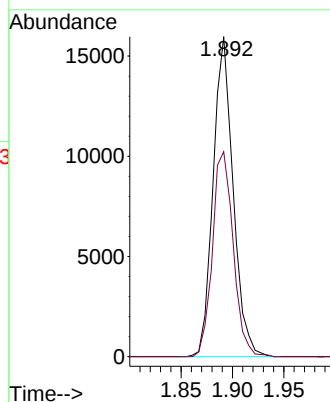
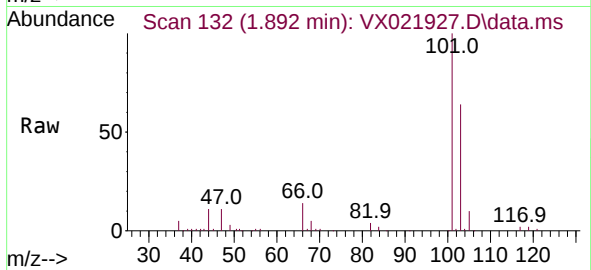




#9
Trichlorofluoromethane
Concen: 2.15 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

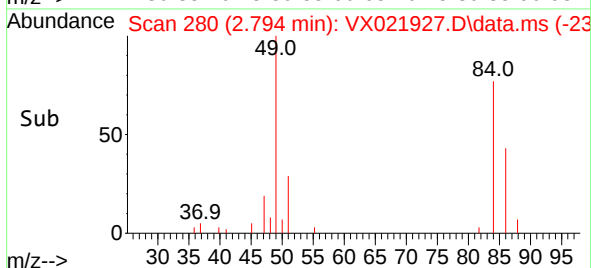
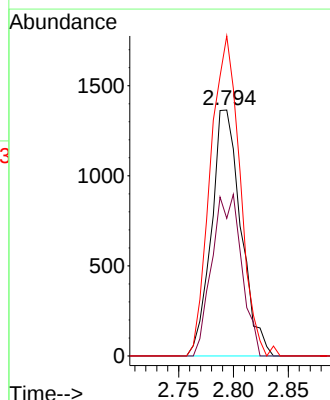
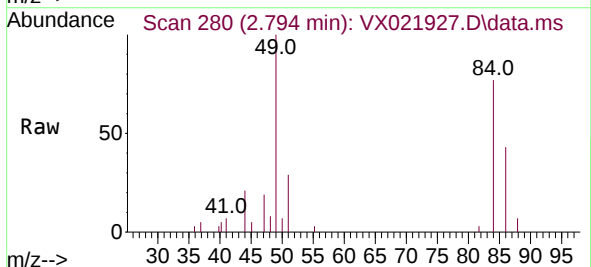
Instrument :
MSVOA_X
ClientSampled :

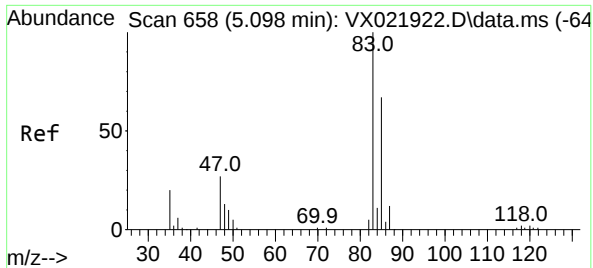
Tgt Ion:101 Resp: 21553
Ion Ratio Lower Upper
101 100
103 66.6 52.6 79.0



#16
Methylene chloride
Concen: 0.33 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

Tgt Ion: 84 Resp: 2555
Ion Ratio Lower Upper
84 100
86 56.0 46.3 86.1
49 130.1 84.4 156.7

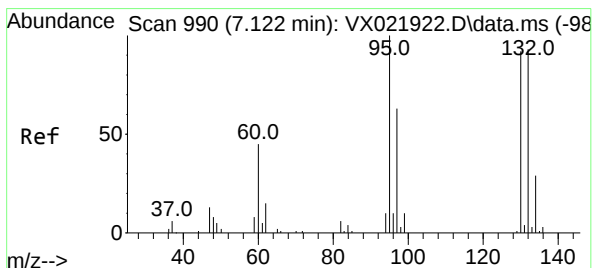
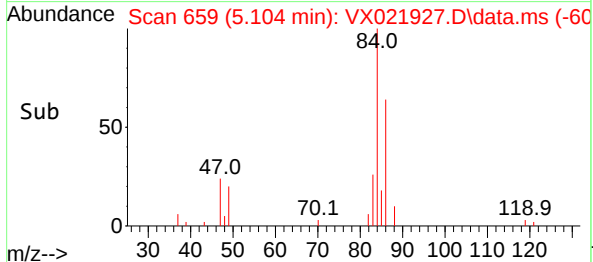
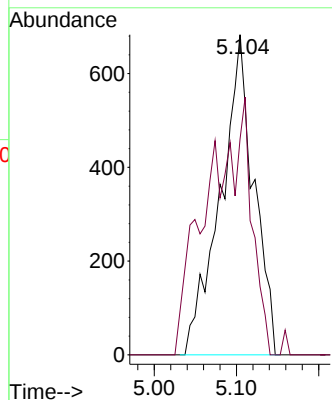
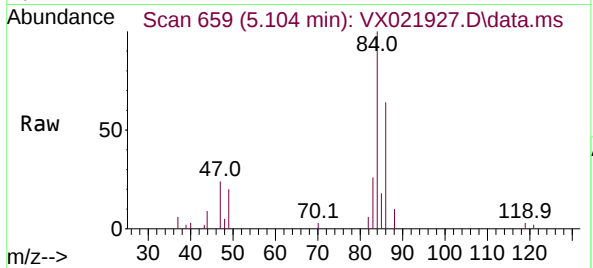




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.104 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

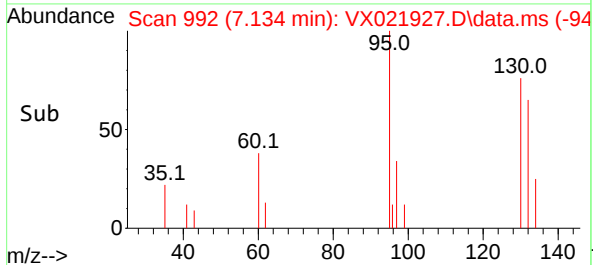
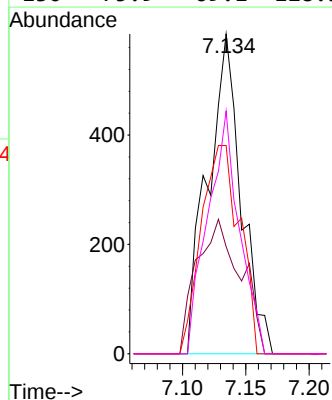
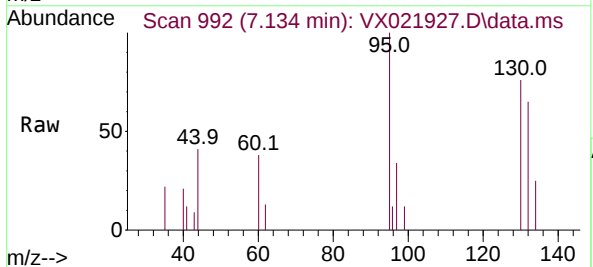
Instrument :
MSVOA_X
ClientSampled :

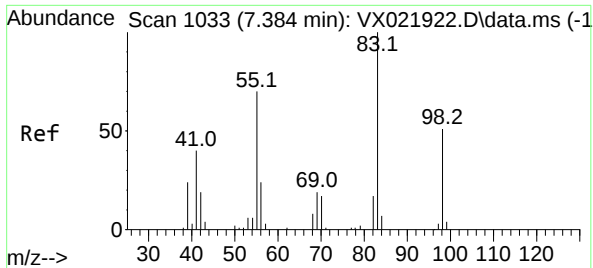
Tgt Ion: 83 Resp: 1921
Ion Ratio Lower Upper
83 100
85 67.3 46.3 86.1



#34
Trichloroethene
Concen: 0.17 ug/L
RT: 7.134 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

Tgt Ion: 95 Resp: 1075
Ion Ratio Lower Upper
95 100
97 33.5 48.6 90.2#
132 65.1 67.3 125.1#
130 75.9 69.1 128.3

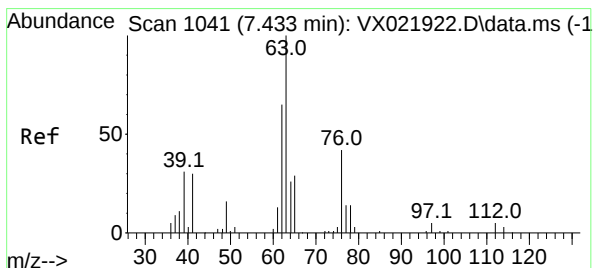
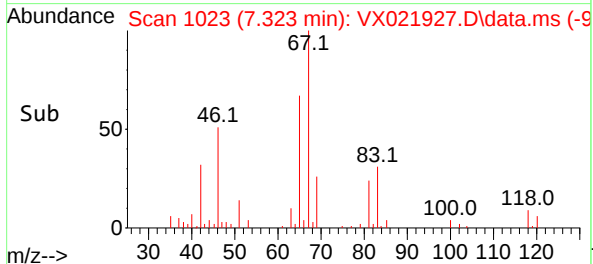
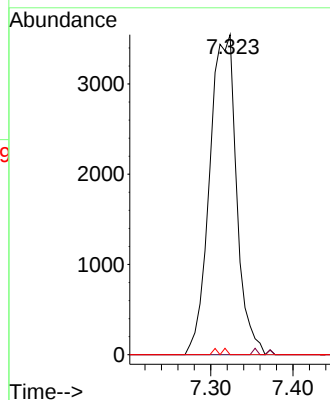
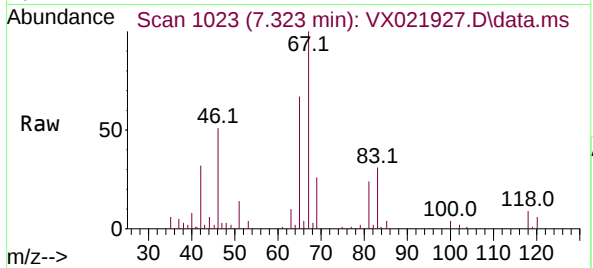




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 7.323 min Scan# 1023
Delta R.T. -0.061 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

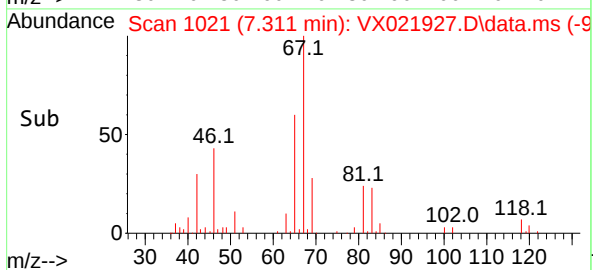
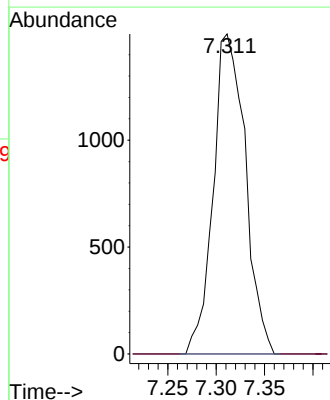
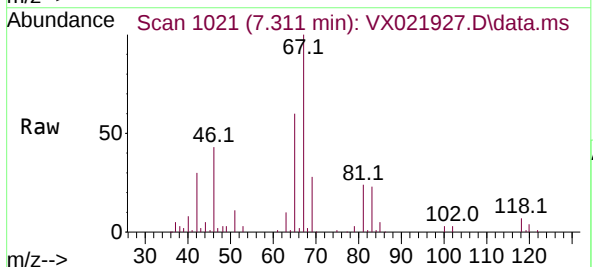
Instrument :
MSVOA_X
ClientSampled :

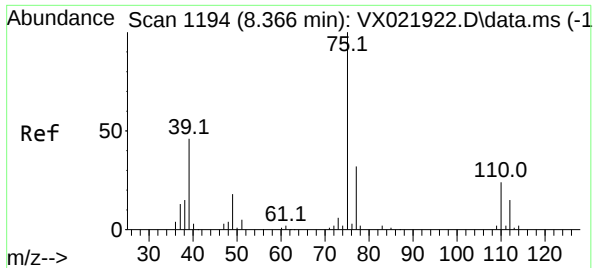
Tgt Ion: 83 Resp: 8062
Ion Ratio Lower Upper
83 100
55 0.3 60.3 90.5#
98 0.6 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

Tgt Ion: 63 Resp: 3448
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

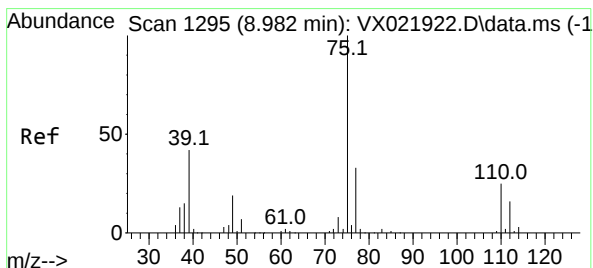
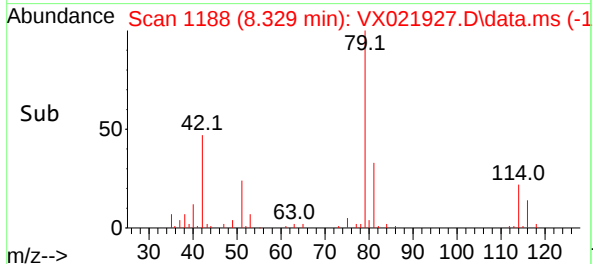
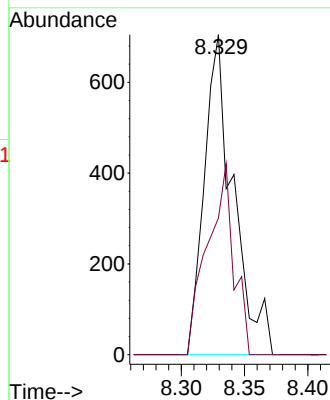
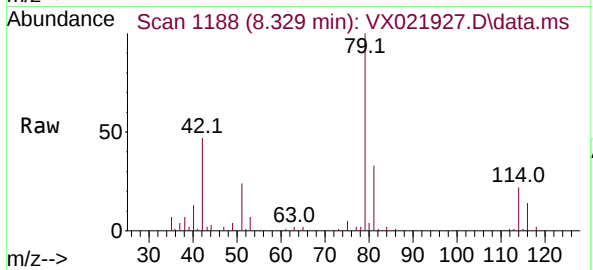




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.329 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

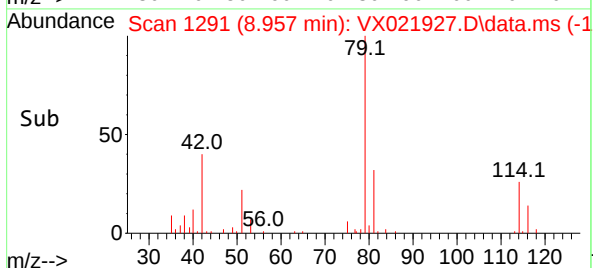
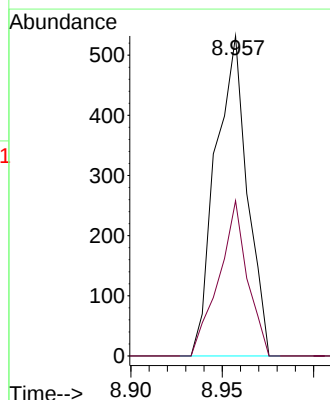
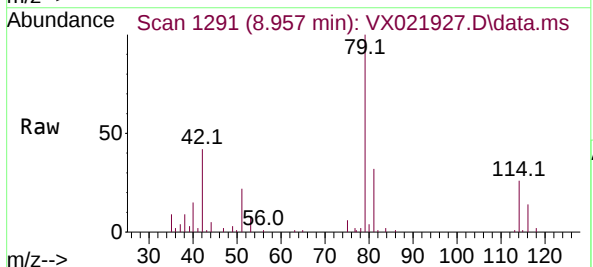
Instrument :
MSVOA_X
ClientSampled :

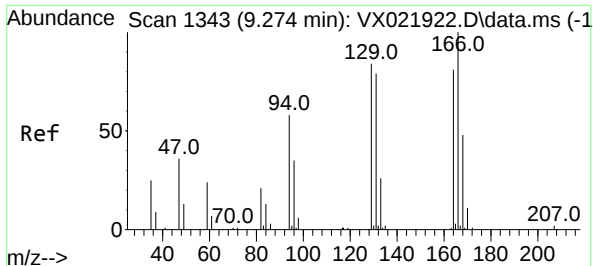
Tgt Ion: 75 Resp: 1122
Ion Ratio Lower Upper
75 100
77 42.7 21.3 39.5#



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.957 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX021927.D
Acq: 12 May 2021 15:13

Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
77 48.5 21.6 40.0#





#47

Tetrachloroethene

Concen: 10.86 ug/L

RT: 9.280 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX021927.D

Acq: 12 May 2021 15:13

Tgt Ion:164 Resp: 45321

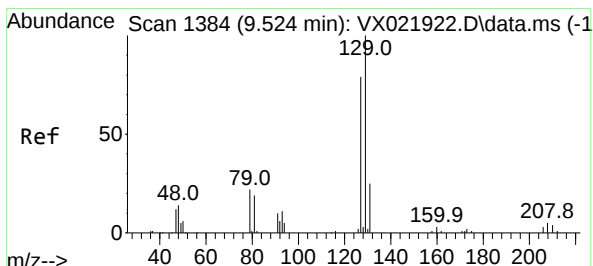
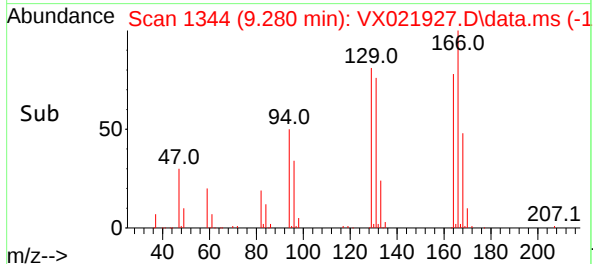
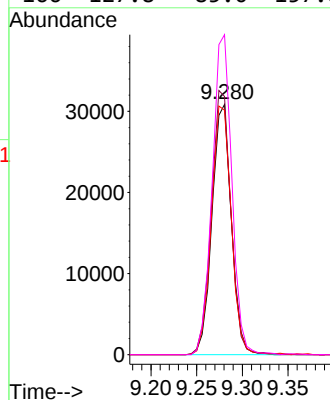
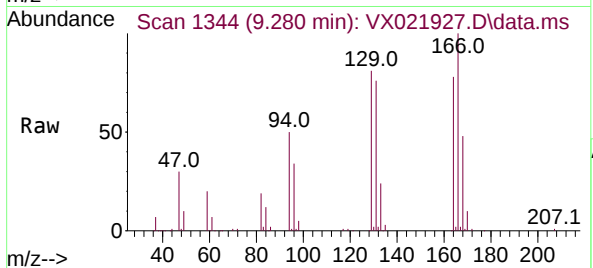
Ion Ratio Lower Upper

164 100

129 103.2 73.1 135.7

131 97.7 69.1 128.3

166 127.8 85.0 157.8



#49

Dibromochloromethane

Concen: 10.36 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX021927.D

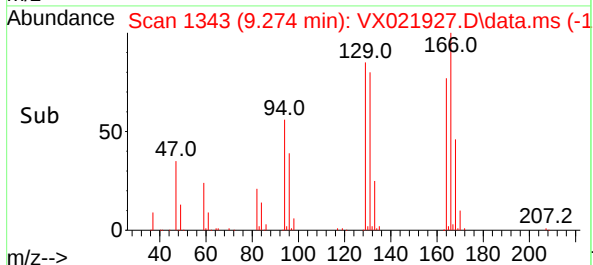
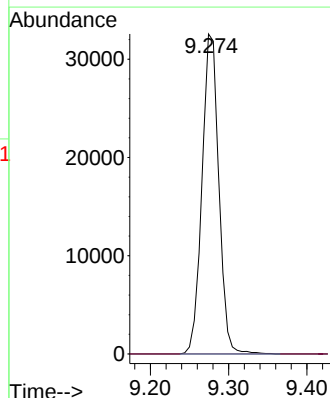
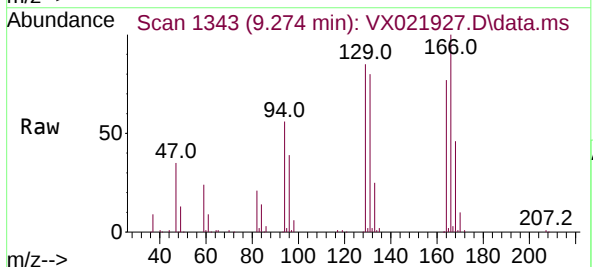
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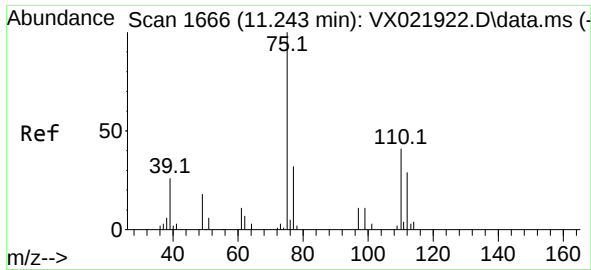
Tgt Ion:129 Resp: 48613

Ion Ratio Lower Upper

129 100

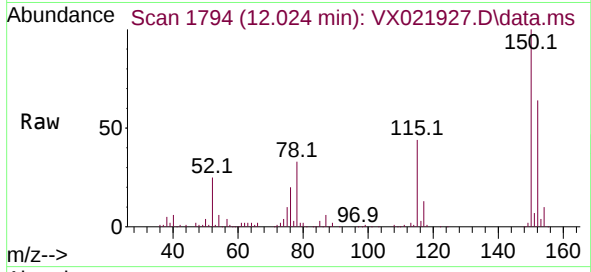
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.40 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX021927.D
 Acq: 12 May 2021 15:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	4700
Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0
110	1.5	32.3	48.5#

