

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024892.D
 Acq On : 23 Oct 2021 13:50
 Operator : JC/MD
 Sample : M4291-22
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 02:32:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 02:31:08 2021
 Response via : Initial Calibration

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

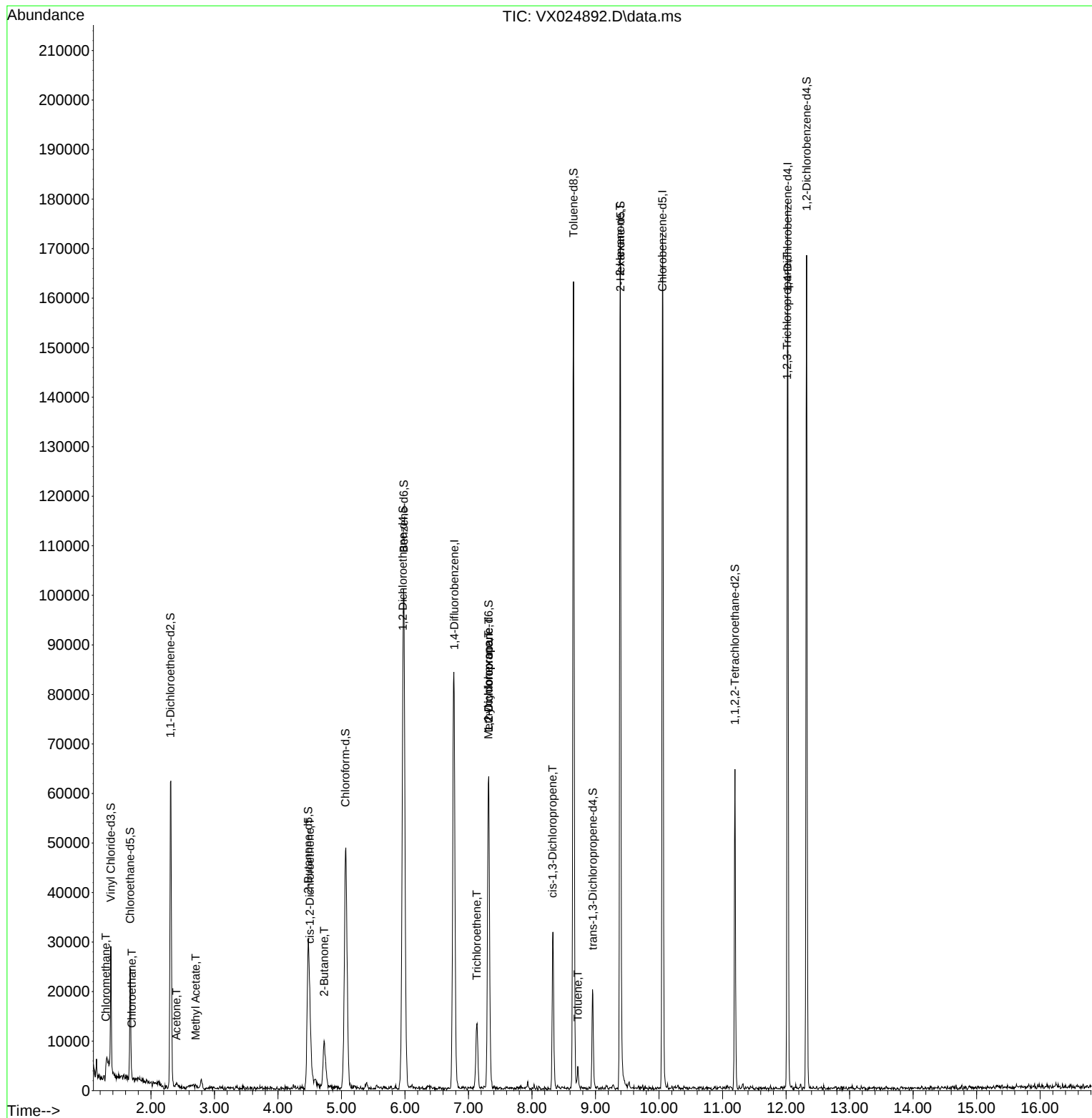
Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	80880	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	73270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	15459	6.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 130.200%#	
7) Chloroethane-d5	1.672	69	14289	6.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 133.600%#	
11) 1,1-Dichloroethene-d2	2.306	63	39096	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 88.400%	
20) 2-Butanone-d5	4.477	46	56359	64.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 129.840%	
24) Chloroform-d	5.062	84	62587	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.600%	
26) 1,2-Dichloroethane-d4	5.964	65	34152	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.400%	
32) Benzene-d6	5.982	84	103226	6.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 121.000%	
36) 1,2-Dichloropropane-d6	7.318	67	32436	5.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 119.200%	
41) Toluene-d8	8.653	98	93988	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.800%	
43) trans-1,3-Dichloroprop...	8.958	79	11067	4.427	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 88.600%	
46) 2-Hexanone-d5	9.390	63	50911	56.584	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.160%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23158	5.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.200%	
66) 1,2-Dichlorobenzene-d4	12.323	152	29616	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	412	0.127	ug/L #	38
8) Chloroethane	1.697	64	753	0.317	ug/L #	64
13) Acetone	2.398	43	2078	3.191	ug/L	86
15) Methyl Acetate	2.703	43	456	0.308	ug/L #	79
21) 2-Butanone	4.727	43	16455	17.181	ug/L #	37
22) cis-1,2-Dichloroethene	4.501	96	1201	0.194	ug/L	87
34) Trichloroethene	7.129	95	4665	0.669	ug/L	95
35) Methylcyclohexane	7.312	83	8984	0.922	ug/L #	22
37) 1,2-Dichloropropane	7.318	63	4354	0.832	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	1182	0.134	ug/L #	72
42) Toluene	8.720	91	2107	0.084	ug/L	81
48) 2-Hexanone	9.384	43	6049	3.554	ug/L #	73
61) 1,2,3-Trichloropropane	12.018	75	4249	1.289	ug/L #	59

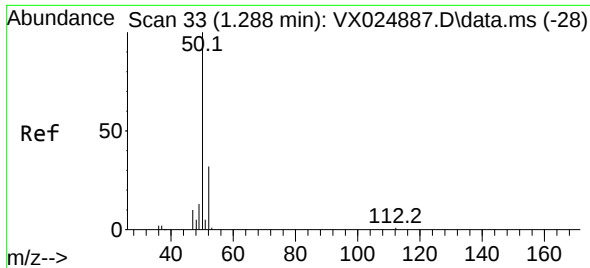
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 02:31:08 2021
Response via : Initial Calibration

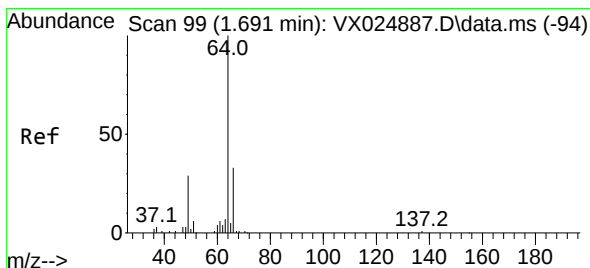
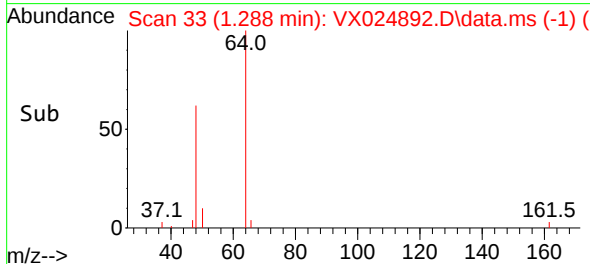
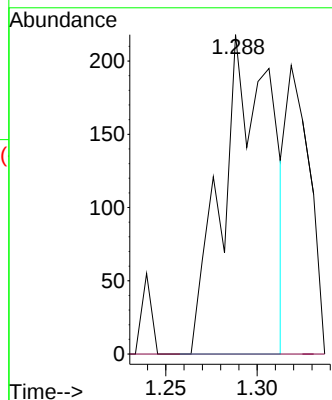
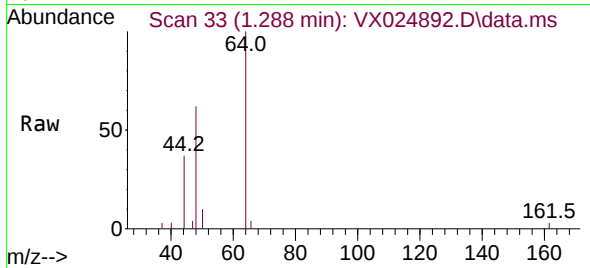




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

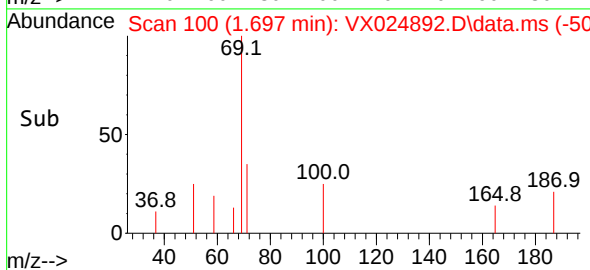
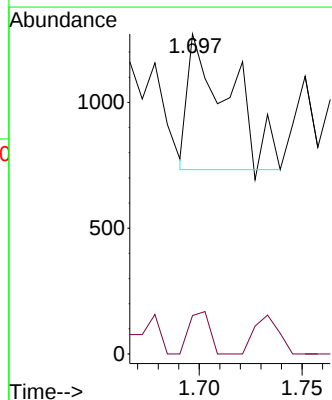
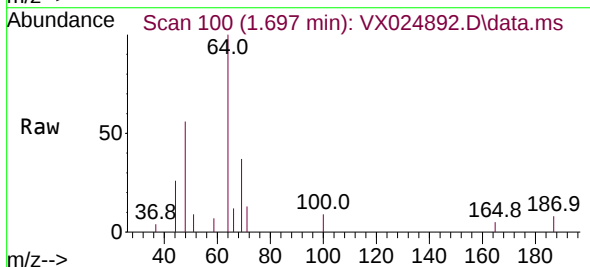
Instrument :
MSVOA_X
ClientSampled :

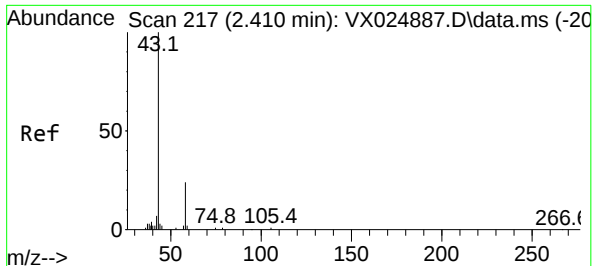
Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 0.0 25.5 47.3#



#8
Chloroethane
Concen: 0.317 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

Tgt Ion: 64 Resp: 753
Ion Ratio Lower Upper
64 100
66 12.0 22.6 42.0#

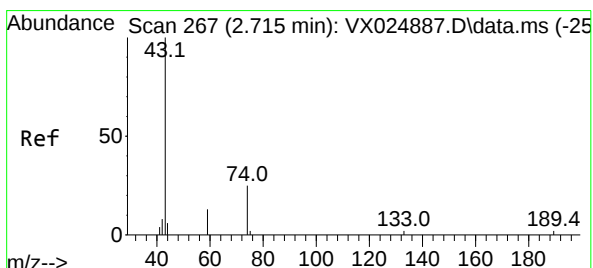
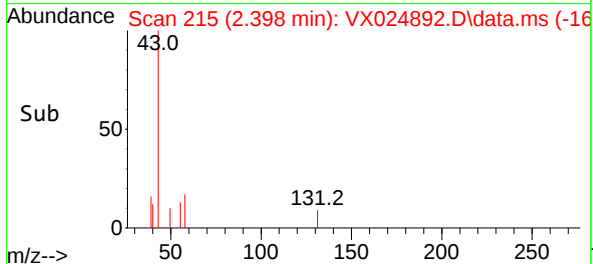
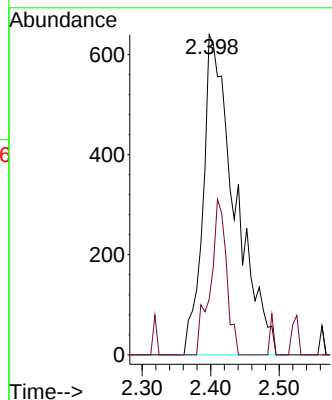
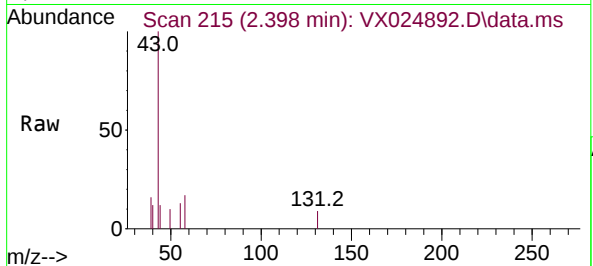




#13
Acetone
Concen: 3.191 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

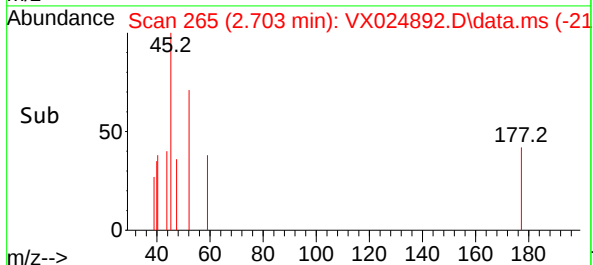
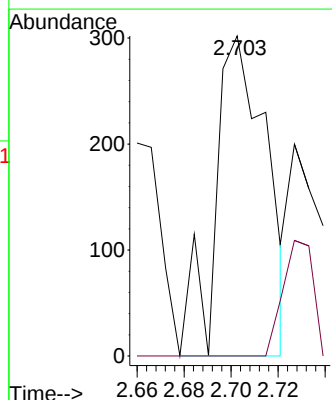
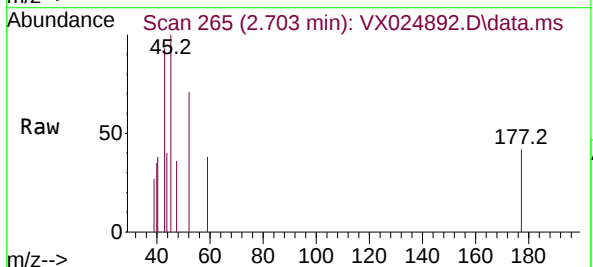
Instrument :
MSVOA_X
ClientSampled :

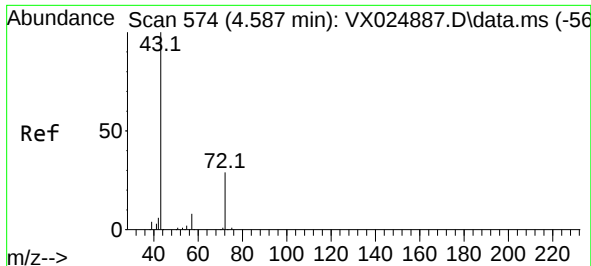
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
58 24.4 0.0 64.2



#15
Methyl Acetate
Concen: 0.308 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
74 21.3 26.8 40.2#

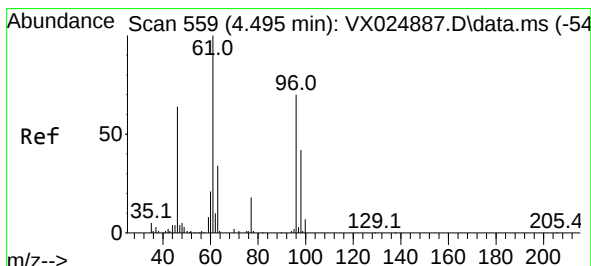
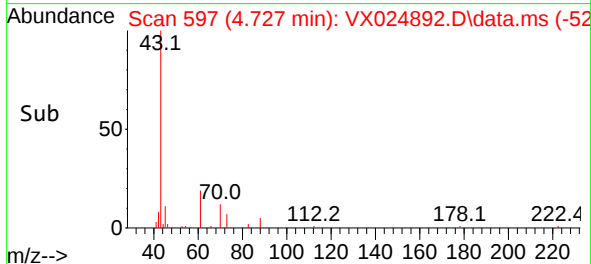
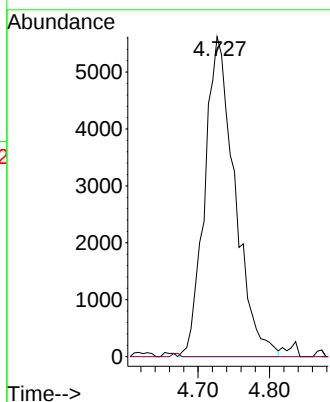
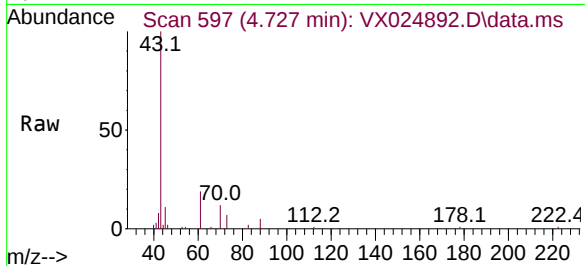




#21
2-Butanone
Concen: 17.181 ug/L
RT: 4.727 min Scan# 597
Delta R.T. 0.140 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

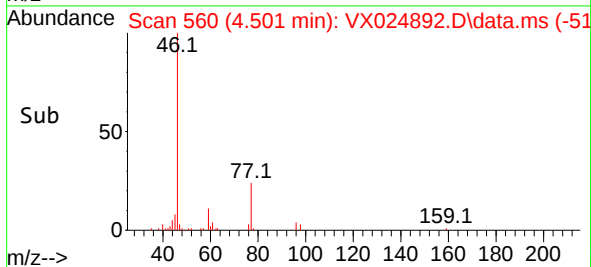
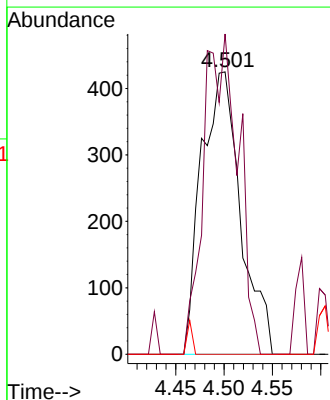
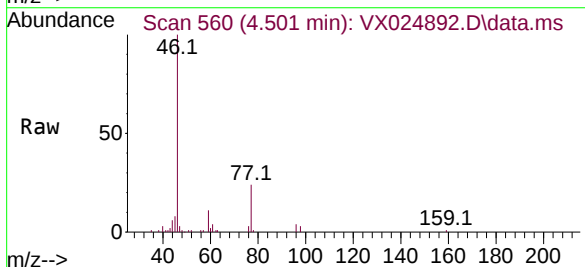
Instrument :
MSVOA_X
ClientSampled :

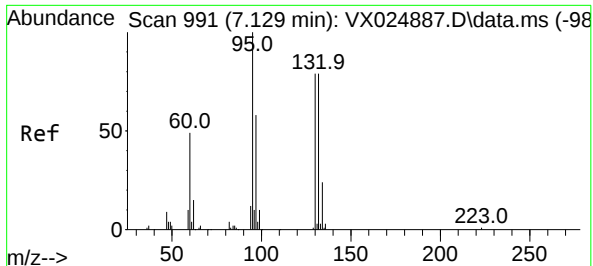
Tgt Ion: 43 Resp: 16455
Ion Ratio Lower Upper
43 100
72 0.2 18.9 56.9#



#22
cis-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

Tgt Ion: 96 Resp: 1201
Ion Ratio Lower Upper
96 100
61 113.4 90.3 167.7
68 0.0 0.0 0.0

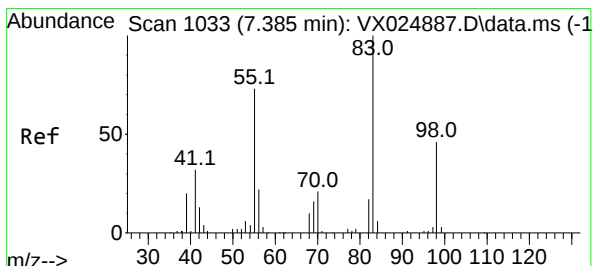
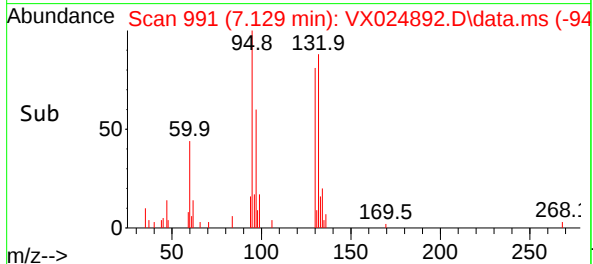
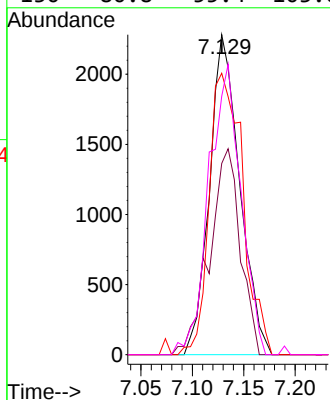
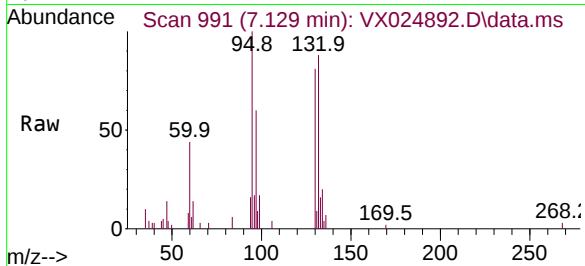




#34
Trichloroethene
Concen: 0.669 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

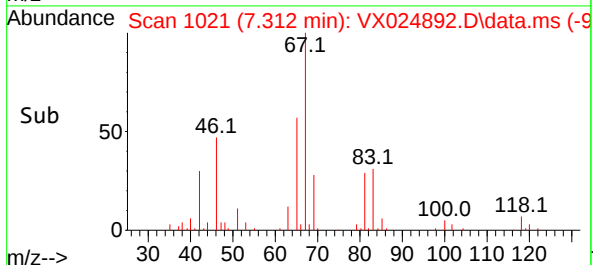
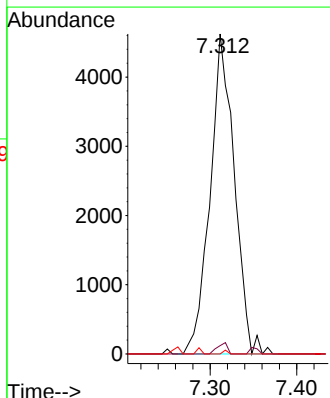
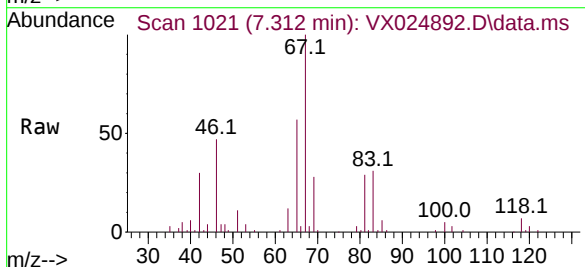
Instrument :
MSVOA_X
ClientSampled :

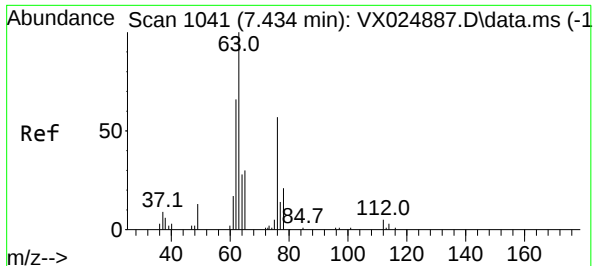
Tgt Ion: 95	Resp: 4665
Ion Ratio	Lower Upper
95 100	
97 59.8	46.6 86.6
132 87.9	58.4 108.6
130 80.8	55.4 103.0



#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

Tgt Ion: 83	Resp: 8984
Ion Ratio	Lower Upper
83 100	
55 1.4	55.7 83.5#
98 0.2	38.3 57.5#



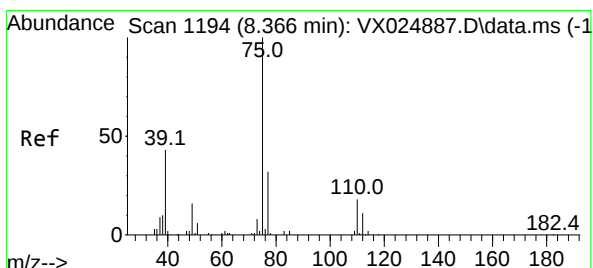
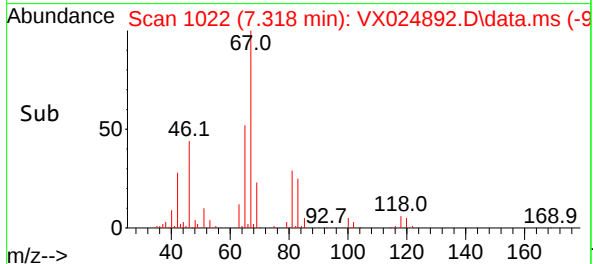
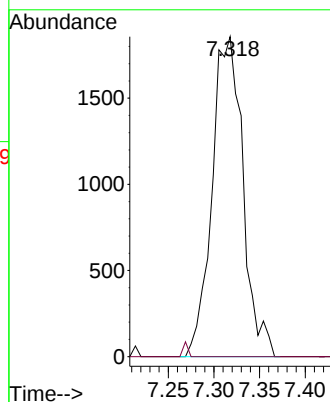
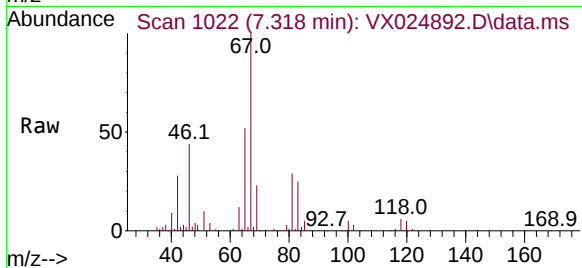


#37

1,2-Dichloropropane
Concen: 0.832 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

Instrument :
MSVOA_X
ClientSampled :

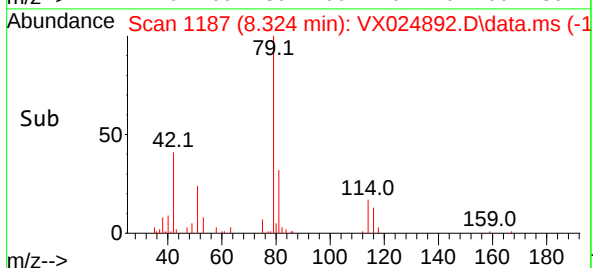
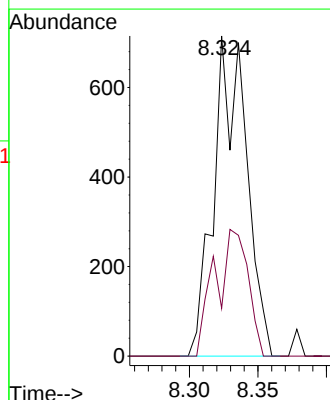
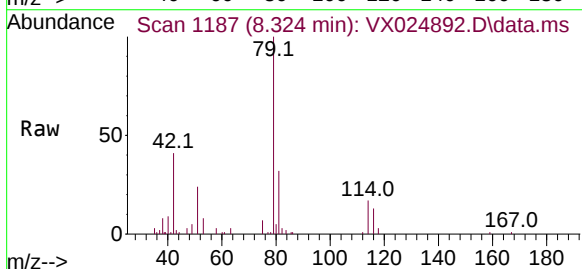
Tgt Ion: 63 Resp: 4354
Ion Ratio Lower Upper
63 100
112 0.7 3.5 5.3#

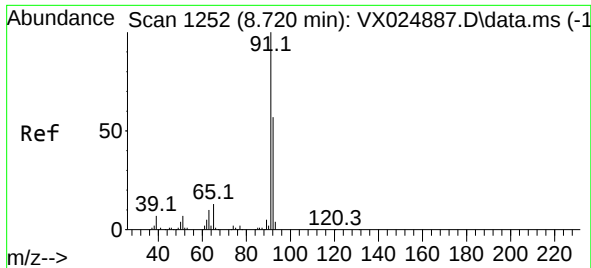


#39

cis-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

Tgt Ion: 75 Resp: 1182
Ion Ratio Lower Upper
75 100
77 15.0 20.9 38.9#

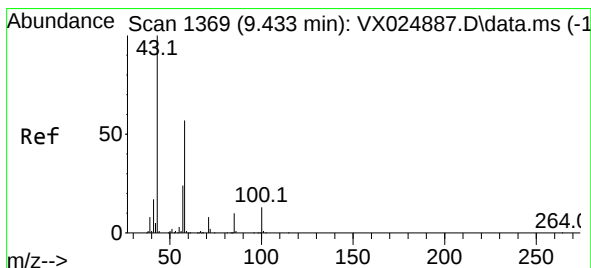
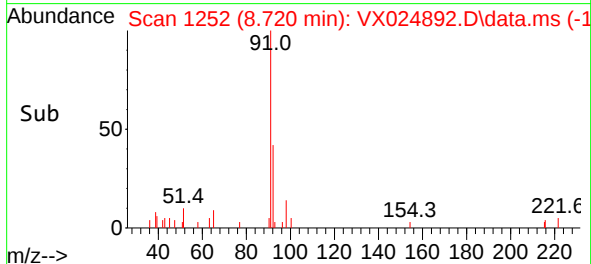
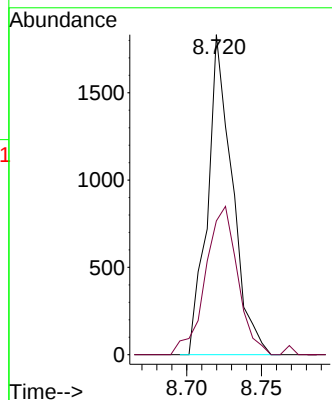
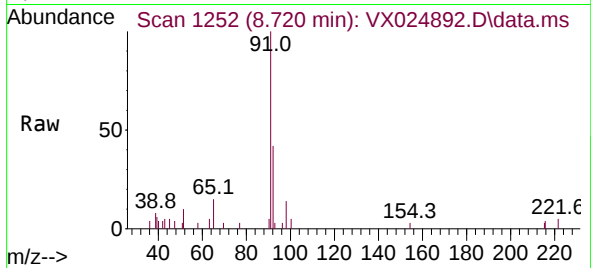




#42
Toluene
Concen: 0.084 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

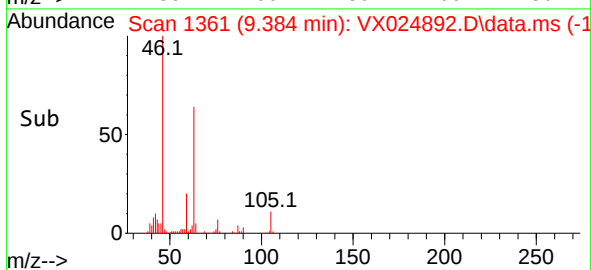
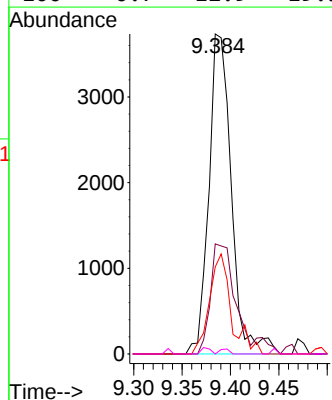
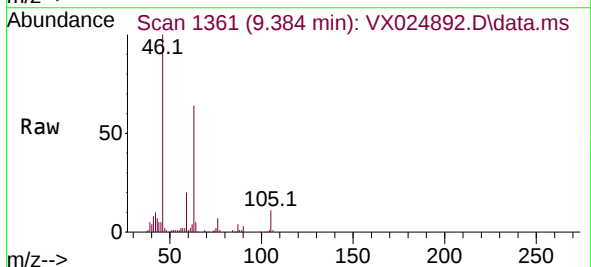
Instrument :
MSVOA_X
ClientSampled :

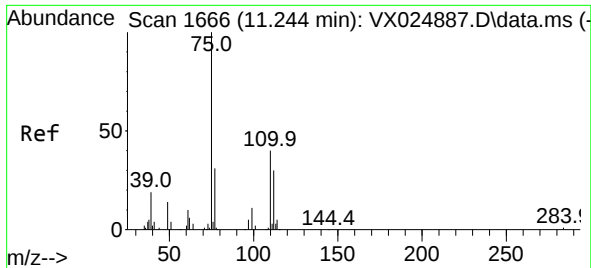
Tgt Ion: 91 Resp: 2107
Ion Ratio Lower Upper
91 100
92 41.8 39.1 72.5



#48
2-Hexanone
Concen: 3.554 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX024892.D
Acq: 23 Oct 2021 13:50

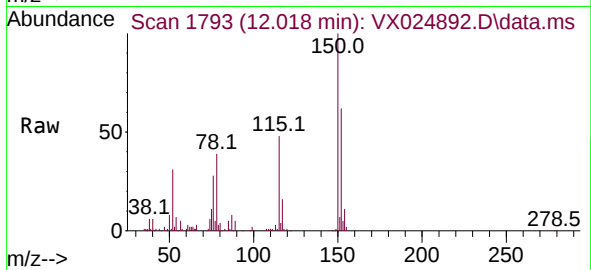
Tgt Ion: 43 Resp: 6049
Ion Ratio Lower Upper
43 100
58 40.1 52.7 79.1#
57 30.2 21.2 31.8
100 0.7 12.9 19.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.289 ug/L
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.774 min
 Lab File: VX024892.D
 Acq: 23 Oct 2021 13:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	4249
Ion	Ratio	Lower	Upper
75	100		
77	44.5	28.1	42.1#
110	3.8	34.7	52.1#

