

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024891.D
 Acq On : 23 Oct 2021 13:26
 Operator : JC/MD
 Sample : M4291-21
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 02:32:42 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)

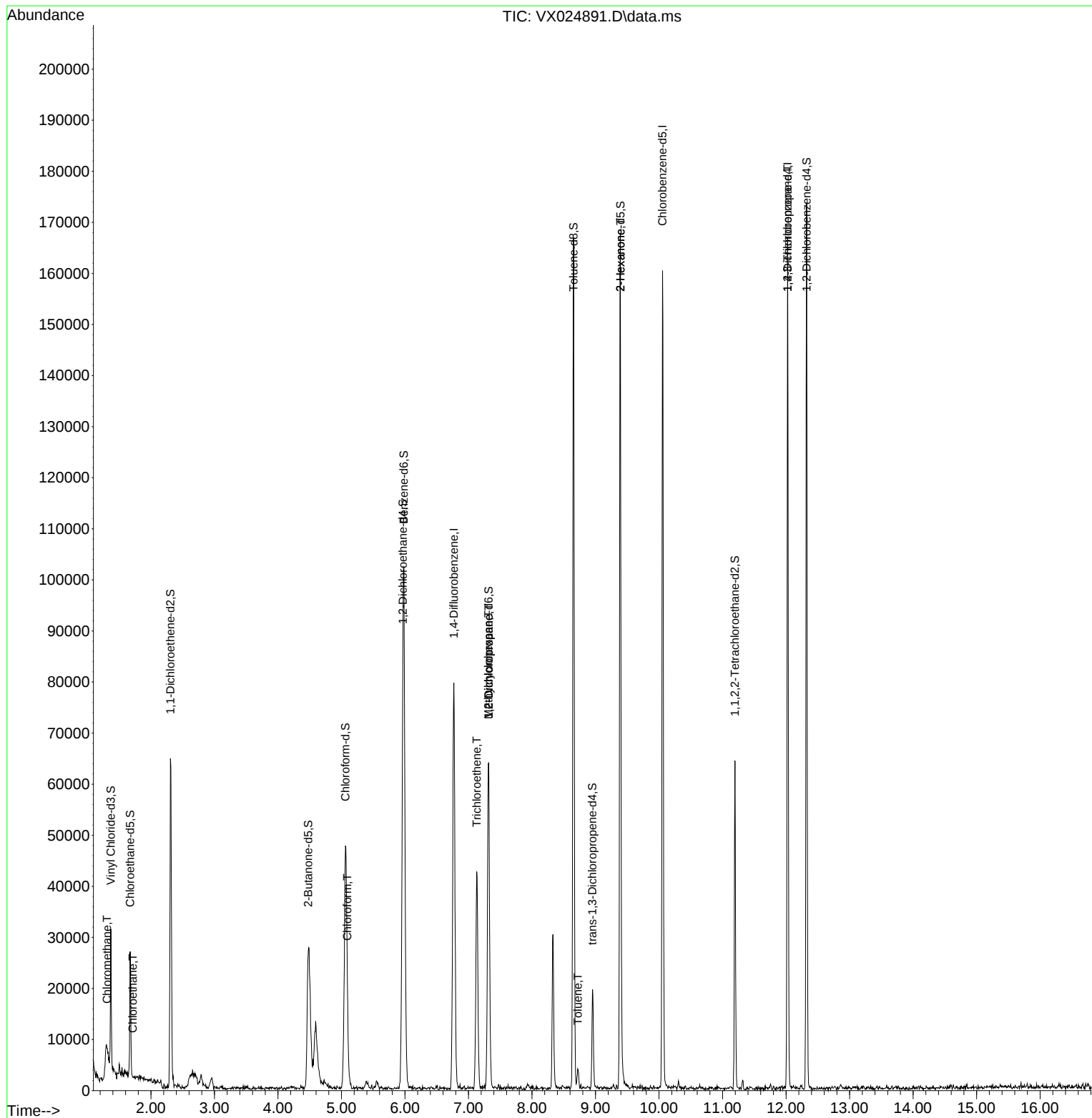
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	73327	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	67359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	15261	7.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	141.800%#
7) Chloroethane-d5	1.672	69	14937	7.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	154.000%#
11) 1,1-Dichloroethene-d2	2.306	63	38479	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.477	46	55835	70.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.880%#
24) Chloroform-d	5.062	84	62612	6.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.800%
26) 1,2-Dichloroethane-d4	5.964	65	35899	6.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.800%
32) Benzene-d6	5.983	84	100190	6.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.600%#
36) 1,2-Dichloropropane-d6	7.318	67	32136	6.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.400%
41) Toluene-d8	8.653	98	93925	5.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
43) trans-1,3-Dichloroprop...	8.952	79	11136	4.845	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	9.391	63	51099	61.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.560%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	24309	6.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.000%#
66) 1,2-Dichlorobenzene-d4	12.323	152	31451	6.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.000%#
Target Compounds						Qvalue
3) Chloromethane	1.307	50	661	0.225	ug/L #	38
8) Chloroethane	1.715	64	816	0.378	ug/L #	42
25) Chloroform	5.093	83	1883	0.158	ug/L #	73
34) Trichloroethene	7.129	95	16838	2.627	ug/L	91
35) Methylcyclohexane	7.312	83	9248	1.032	ug/L #	21
37) 1,2-Dichloropropane	7.318	63	4198	0.873	ug/L #	87
42) Toluene	8.720	91	2230	0.097	ug/L	89
48) 2-Hexanone	9.391	43	5902	3.772	ug/L #	73
61) 1,2,3-Trichloropropane	12.024	75	4070	1.364	ug/L #	60

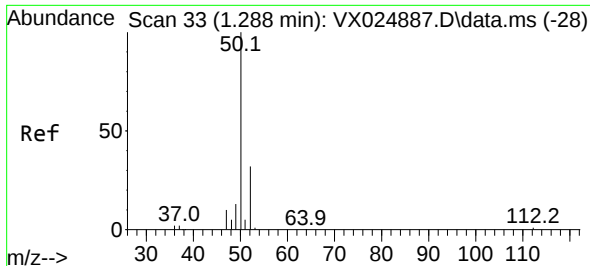
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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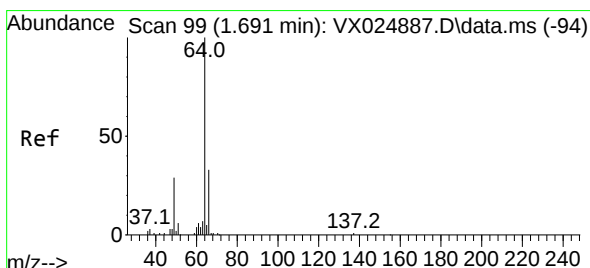
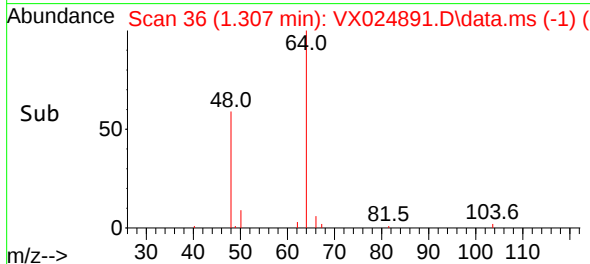
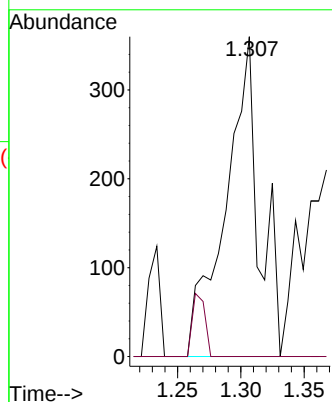
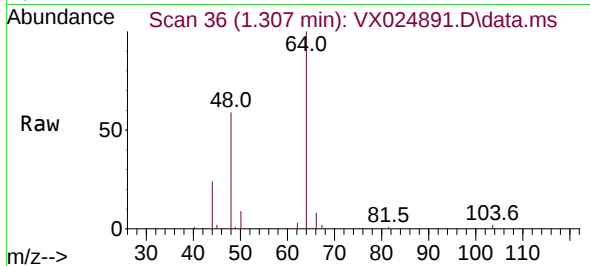




#3
Chloromethane
Concen: 0.225 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.018 min
Lab File: VX024891.D
Acq: 23 Oct 2021 13:26

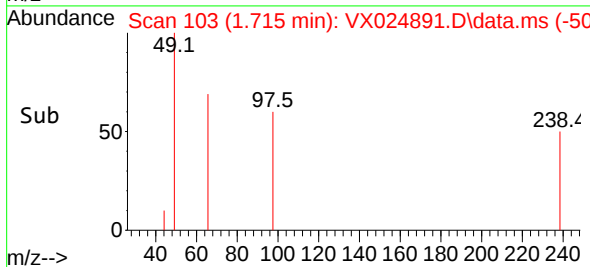
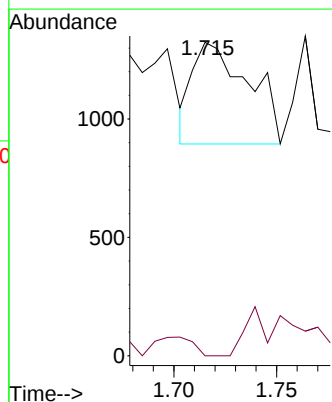
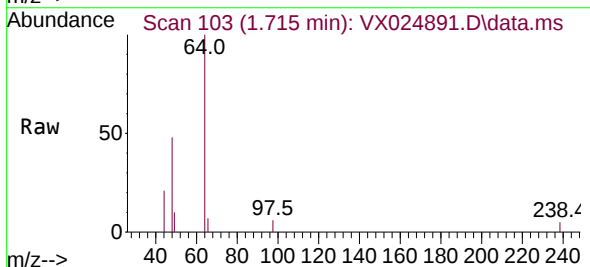
Instrument :
MSVOA_X
ClientSampled :

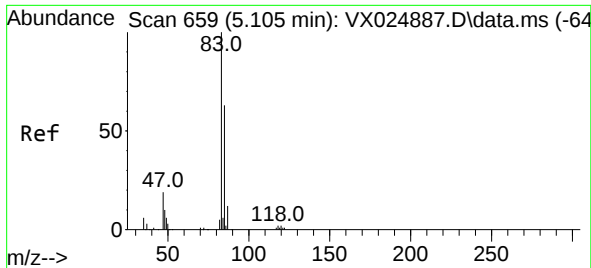
Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 0.0 25.5 47.3#



#8
Chloroethane
Concen: 0.378 ug/L
RT: 1.715 min Scan# 103
Delta R.T. 0.024 min
Lab File: VX024891.D
Acq: 23 Oct 2021 13:26

Tgt Ion: 64 Resp: 816
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#

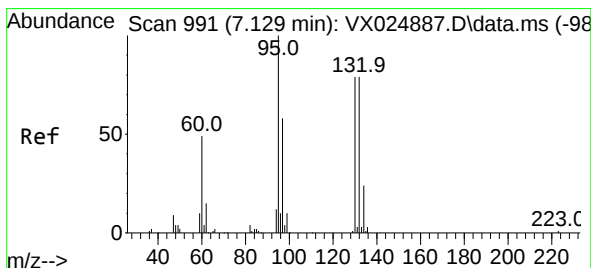
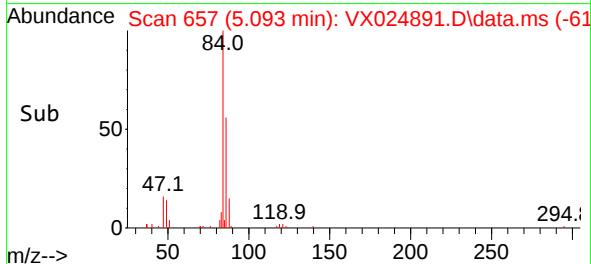
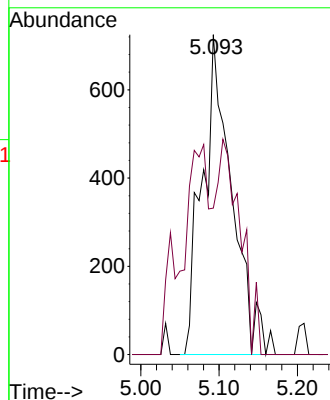
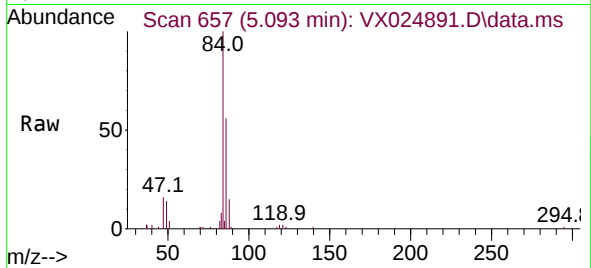




#25
Chloroform
Concen: 0.158 ug/L
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX024891.D
Acq: 23 Oct 2021 13:26

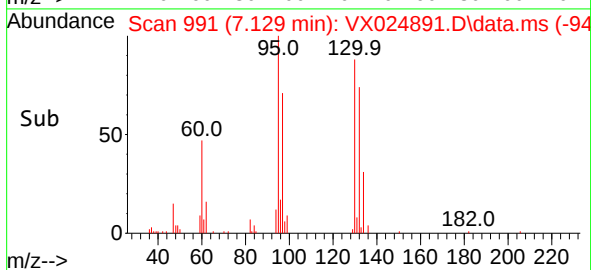
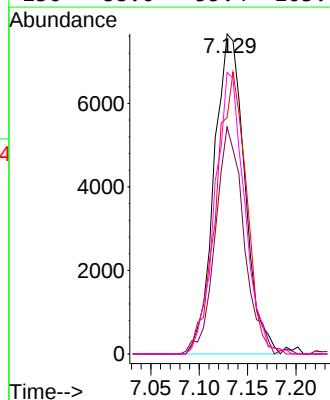
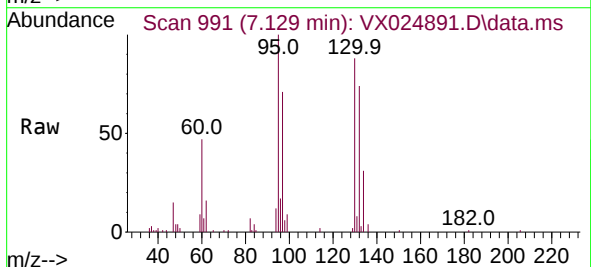
Instrument :
MSVOA_X
ClientSampled :

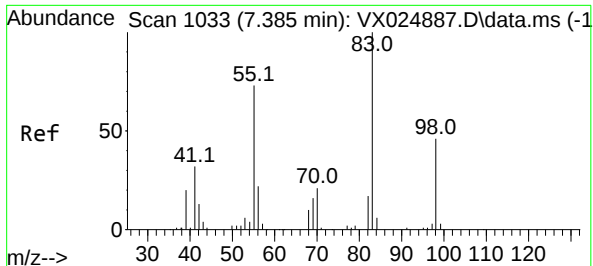
Tgt Ion: 83 Resp: 1883
Ion Ratio Lower Upper
83 100
85 45.8 47.0 87.4#



#34
Trichloroethene
Concen: 2.627 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX024891.D
Acq: 23 Oct 2021 13:26

Tgt Ion: 95 Resp: 16838
Ion Ratio Lower Upper
95 100
97 70.9 46.6 86.6
132 73.9 58.4 108.6
130 88.0 55.4 103.0

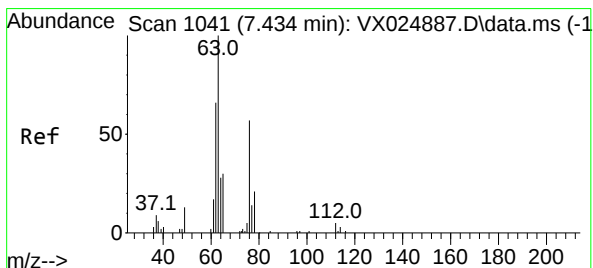
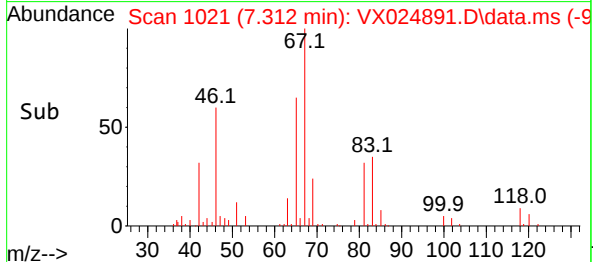
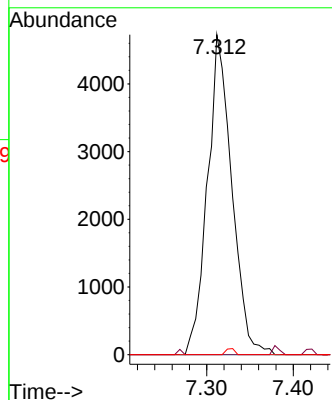
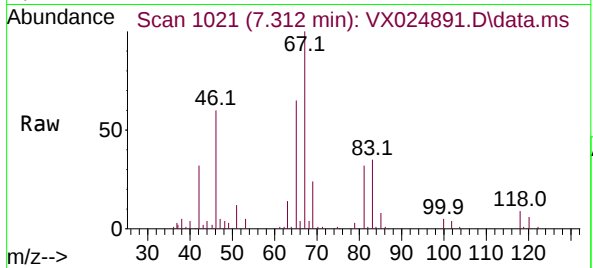




#35
Methylcyclohexane
Concen: 1.032 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX024891.D
Acq: 23 Oct 2021 13:26

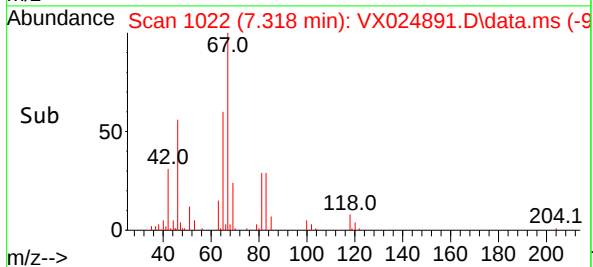
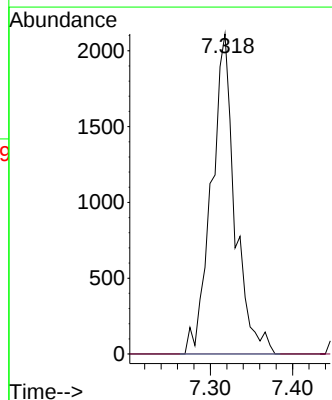
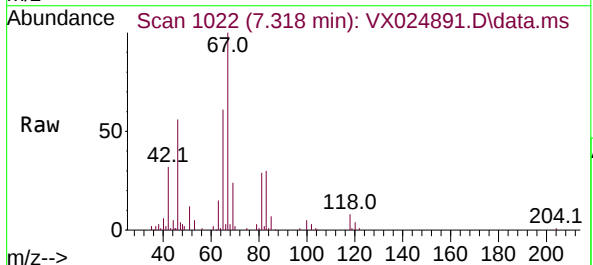
Instrument :
MSVOA_X
ClientSampled :

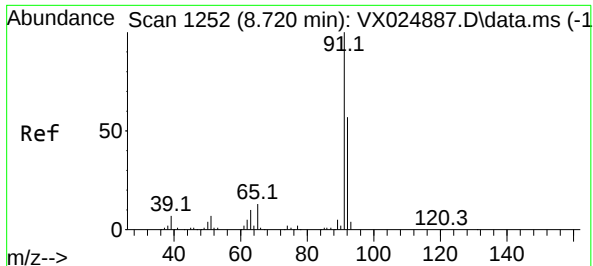
Tgt Ion: 83 Resp: 9248
Ion Ratio Lower Upper
83 100
55 0.3 55.7 83.5#
98 0.7 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.873 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024891.D
Acq: 23 Oct 2021 13:26

Tgt Ion: 63 Resp: 4198
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#42

Toluene

Concen: 0.097 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX024891.D

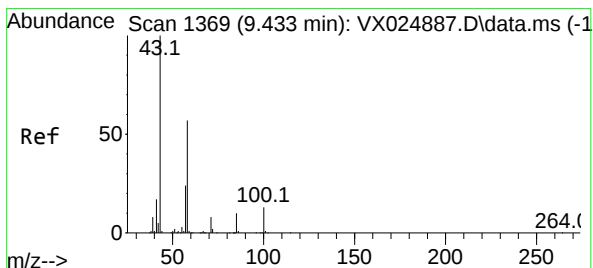
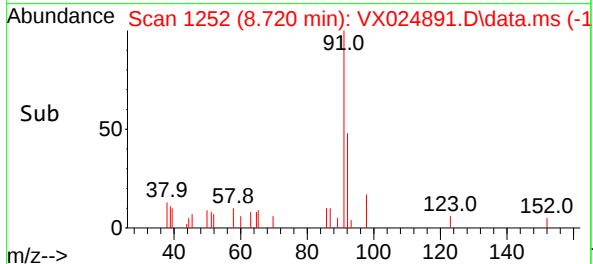
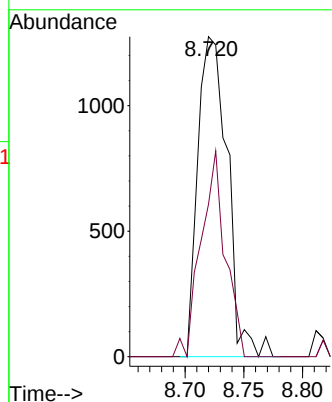
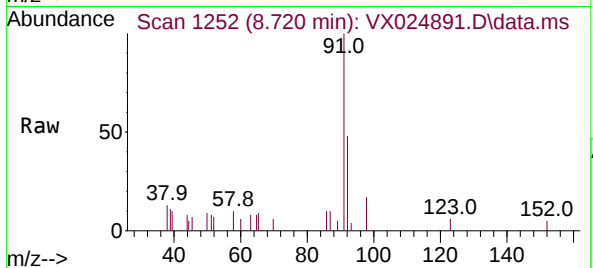
Acq: 23 Oct 2021 13:26

Tgt Ion: 91 Resp: 2230

Ion Ratio Lower Upper

91 100

92 47.7 39.1 72.5



#48

2-Hexanone

Concen: 3.772 ug/L

RT: 9.391 min Scan# 1362

Delta R.T. -0.043 min

Lab File: VX024891.D

Acq: 23 Oct 2021 13:26

Tgt Ion: 43 Resp: 5902

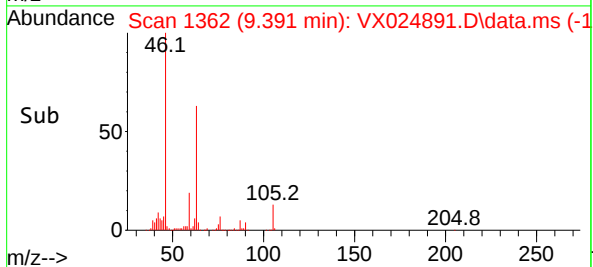
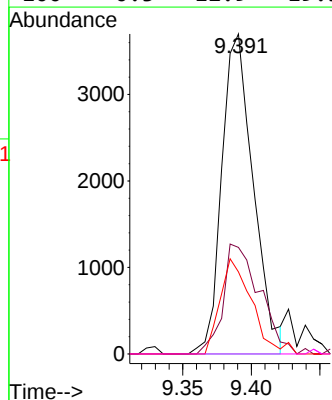
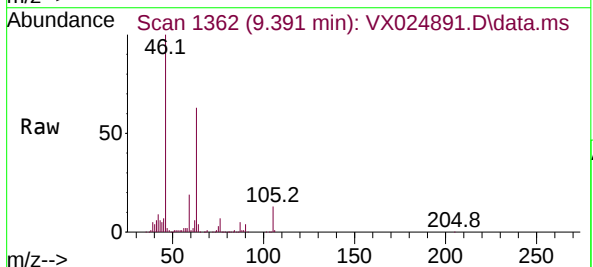
Ion Ratio Lower Upper

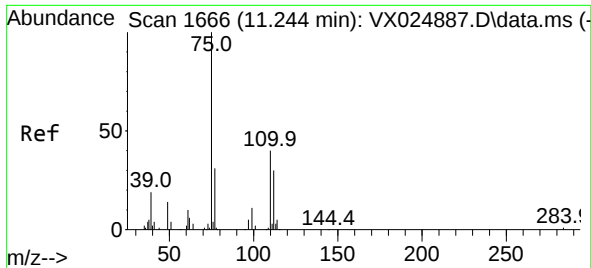
43 100

58 40.1 52.7 79.1#

57 30.0 21.2 31.8

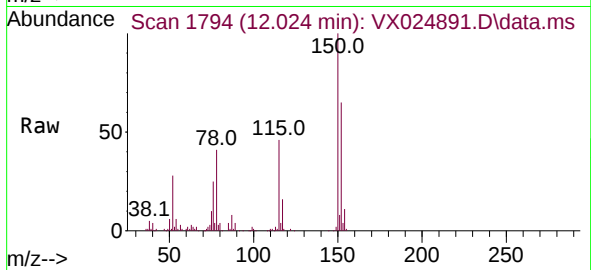
100 0.3 12.9 19.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.364 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX024891.D
 Acq: 23 Oct 2021 13:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 4070
 Ion Ratio Lower Upper
 75 100
 77 45.1 28.1 42.1#
 110 6.0 34.7 52.1#

