

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024890.D
 Acq On : 23 Oct 2021 13:02
 Operator : JC/MD
 Sample : M4291-18
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 02:32:26 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	77189	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	69603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31042	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	13113	5.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.800%
7) Chloroethane-d5	1.672	69	12316	6.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.600%
11) 1,1-Dichloroethene-d2	2.306	63	31745	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.483	46	47792	57.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.360%
24) Chloroform-d	5.068	84	52866	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.958	65	30335	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.983	84	84860	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	7.312	67	26863	5.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	8.653	98	79870	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.958	79	9640	4.059	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	9.390	63	41807	48.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19870	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	27571	5.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%

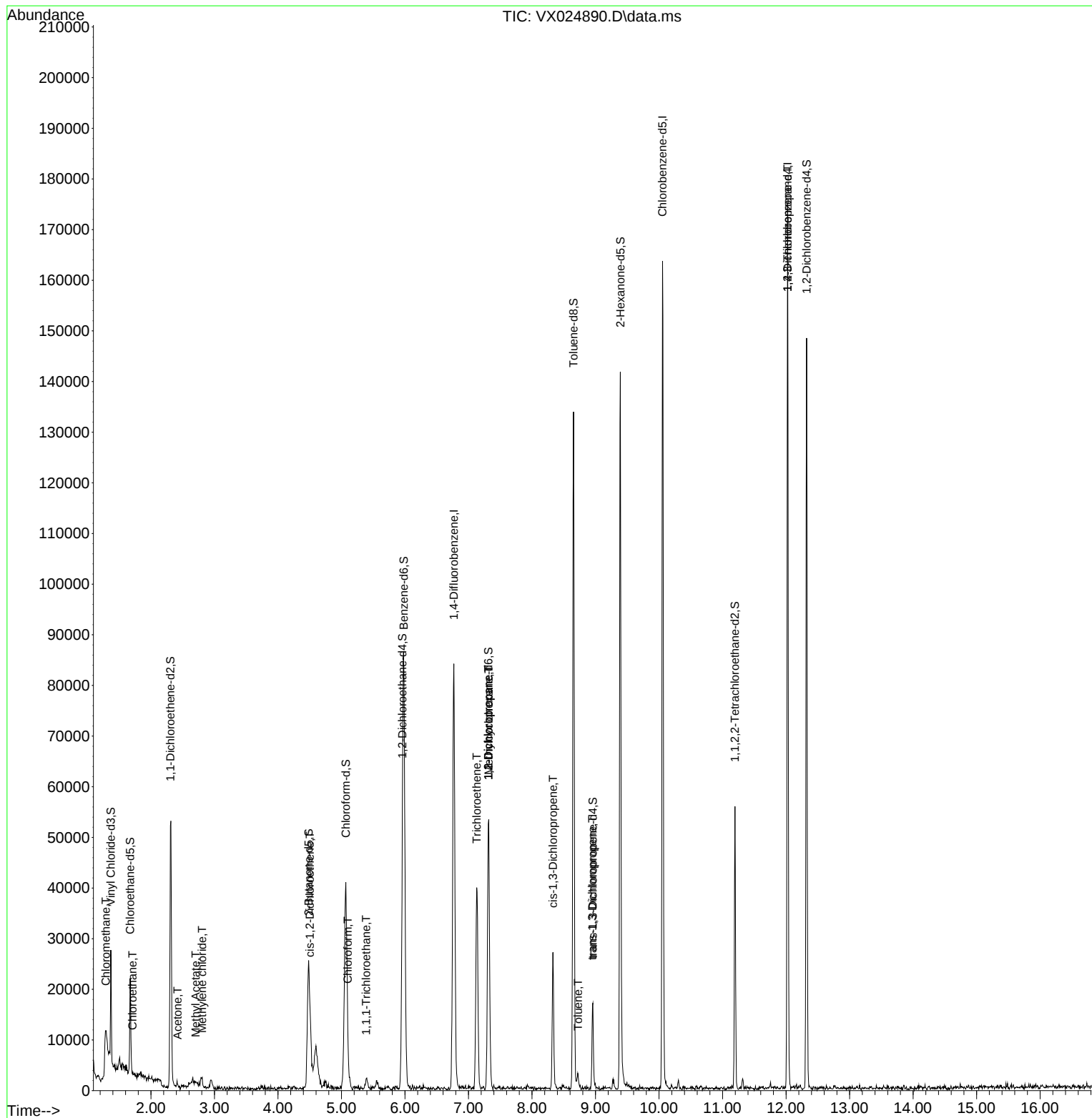
Target Compounds				Qvalue		
3) Chloromethane	1.288	50	826	0.267	ug/L	99
8) Chloroethane	1.709	64	549	0.242	ug/L #	62
13) Acetone	2.416	43	929	1.495	ug/L	89
15) Methyl Acetate	2.703	43	639	0.452	ug/L #	41
16) Methylene chloride	2.806	84	875	0.159	ug/L #	79
22) cis-1,2-Dichloroethene	4.501	96	556	0.094	ug/L	77
25) Chloroform	5.099	83	1161	0.093	ug/L	90
29) 1,1,1-Trichloroethane	5.385	97	1247	0.103	ug/L #	67
34) Trichloroethene	7.129	95	16377	2.473	ug/L	94
35) Methylcyclohexane	7.318	83	6686	0.722	ug/L #	22
37) 1,2-Dichloropropane	7.312	63	3707	0.746	ug/L #	88
39) cis-1,3-Dichloropropene	8.330	75	768	0.092	ug/L #	51
42) Toluene	8.726	91	1781	0.075	ug/L #	64
44) trans-1,3-Dichloropropene	8.952	75	641	0.084	ug/L #	81
61) 1,2,3-Trichloropropane	12.024	75	4543	1.500	ug/L #	64

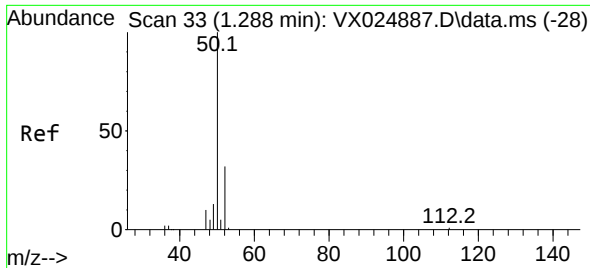
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 02:31:08 2021
Response via : Initial Calibration

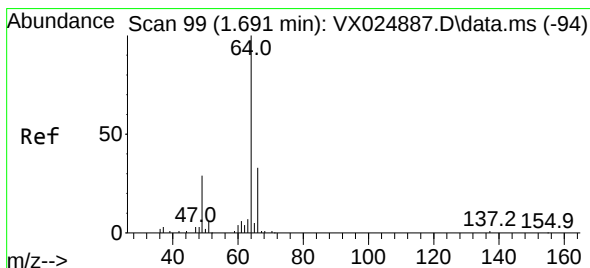
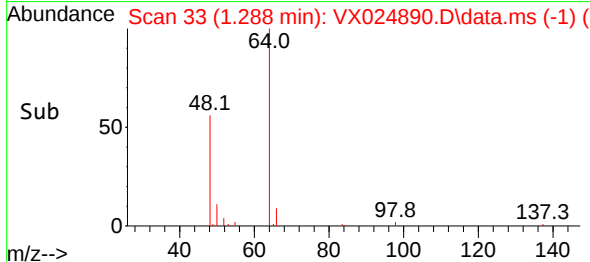
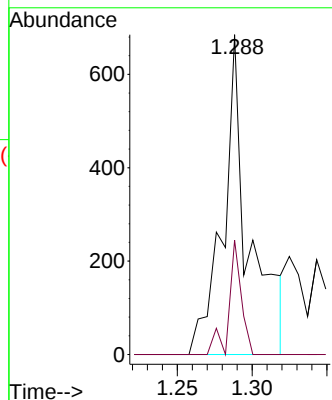
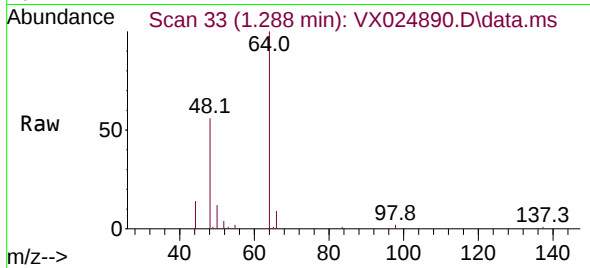




#3
Chloromethane
Concen: 0.267 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

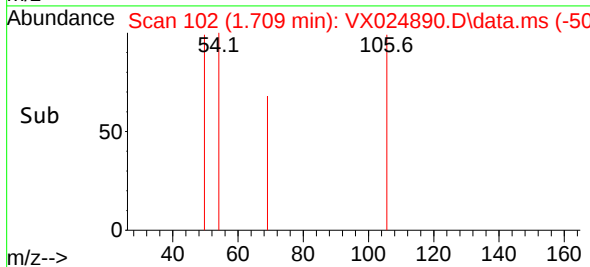
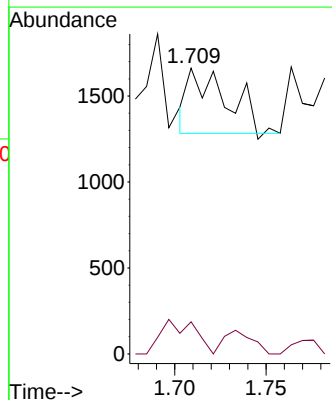
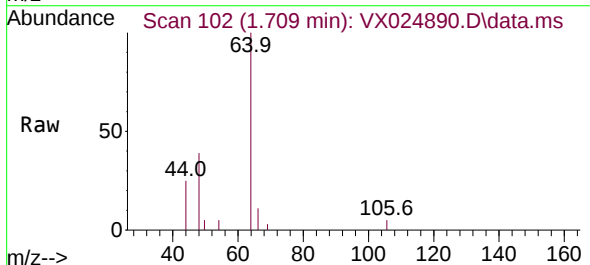
Instrument :
MSVOA_X
ClientSampled :

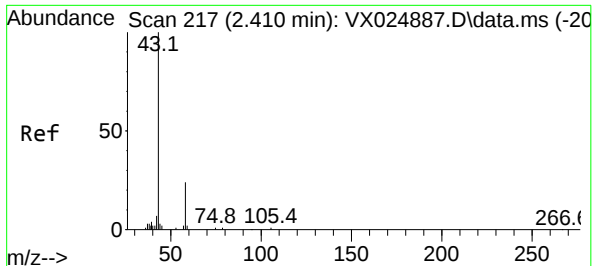
Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 35.8 25.5 47.3



#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.709 min Scan# 102
Delta R.T. 0.018 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Tgt Ion: 64 Resp: 549
Ion Ratio Lower Upper
64 100
66 11.3 22.6 42.0#

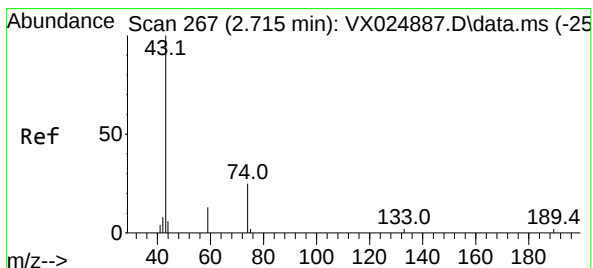
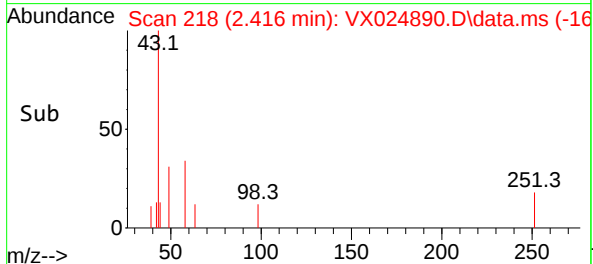
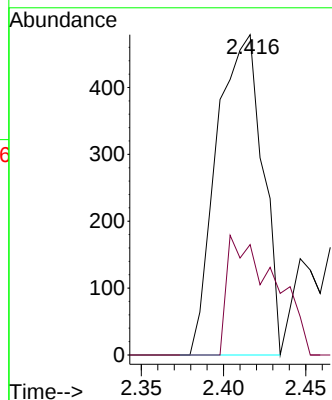
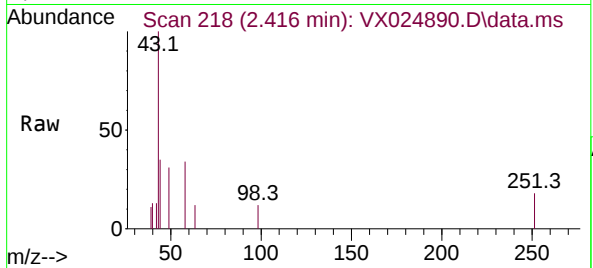




#13
Acetone
Concen: 1.495 ug/L
RT: 2.416 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

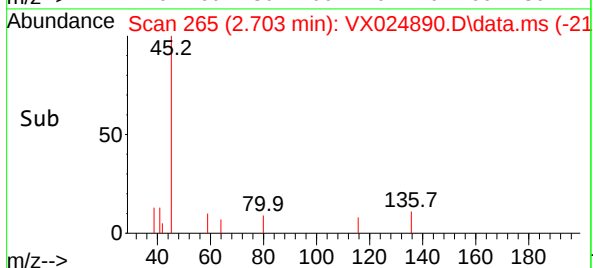
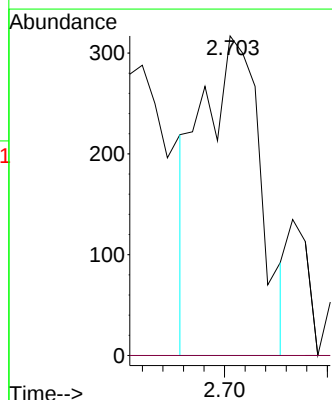
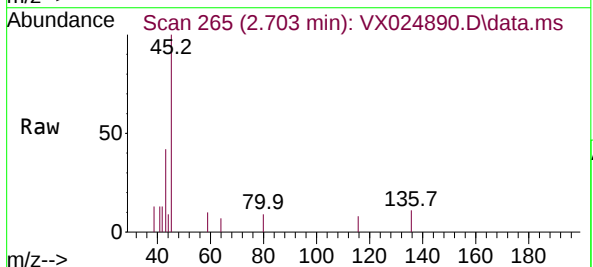
Instrument :
MSVOA_X
ClientSampled :

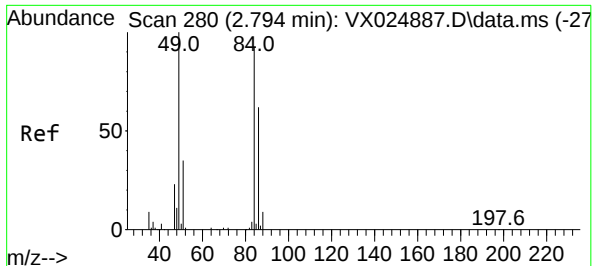
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 38.4 0.0 64.2



#15
Methyl Acetate
Concen: 0.452 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2#

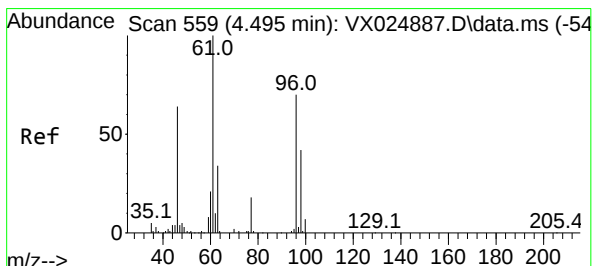
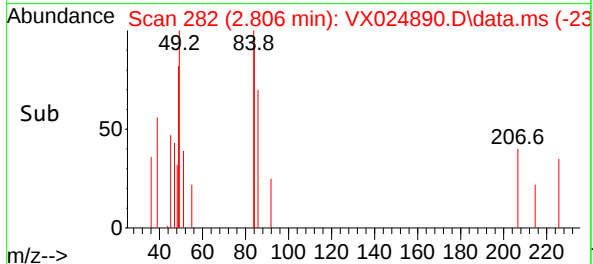
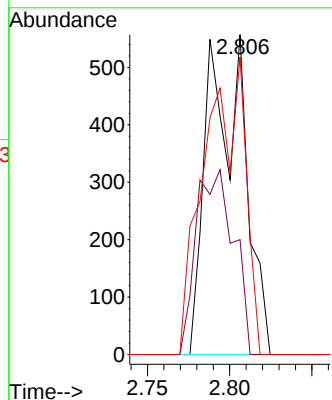
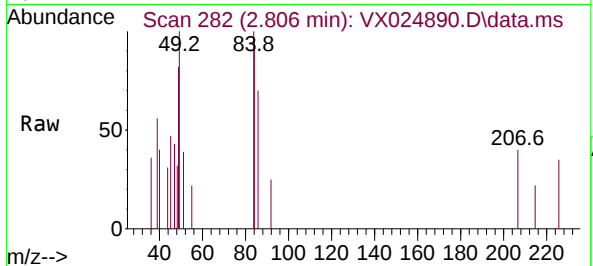




#16
Methylene chloride
Concen: 0.159 ug/L
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

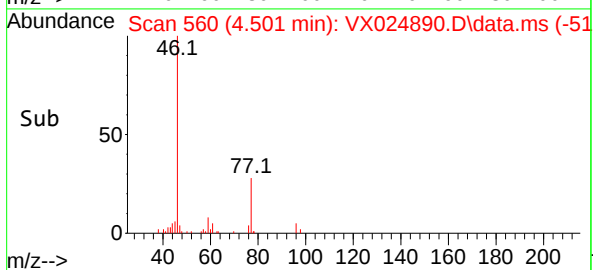
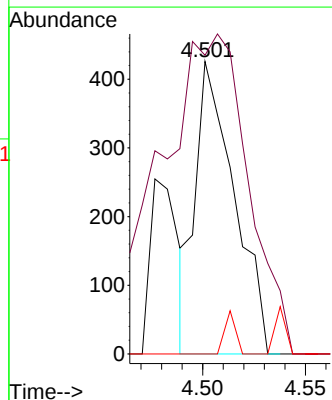
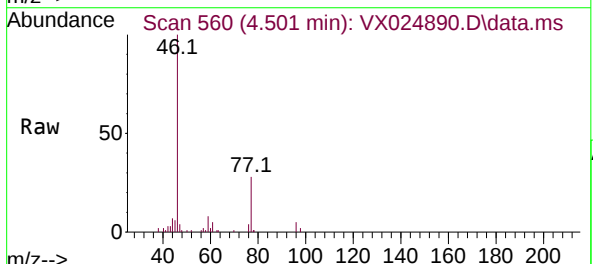
Instrument :
MSVOA_X
ClientSampled :

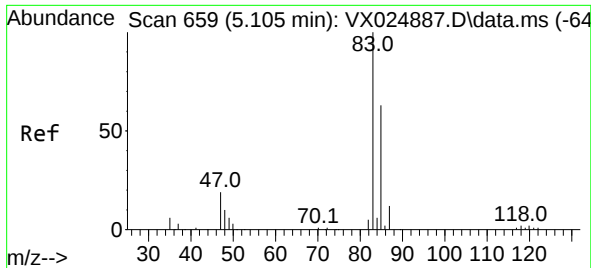
Tgt Ion: 84 Resp: 875
Ion Ratio Lower Upper
84 100
86 35.9 49.5 91.9#
49 93.0 62.7 116.5



#22
cis-1,2-Dichloroethene
Concen: 0.094 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Tgt Ion: 96 Resp: 556
Ion Ratio Lower Upper
96 100
61 102.1 90.3 167.7
68 0.0 0.0 0.0

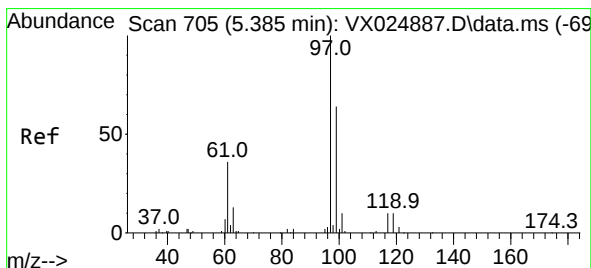
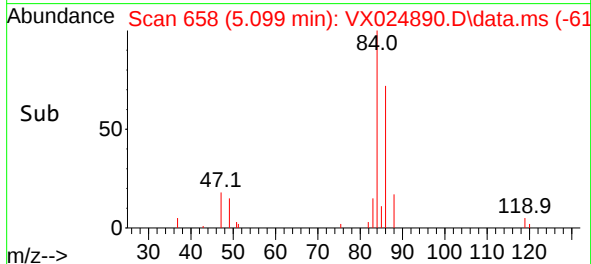
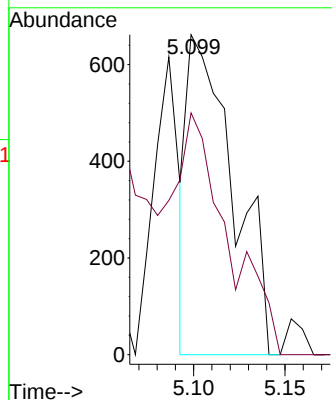
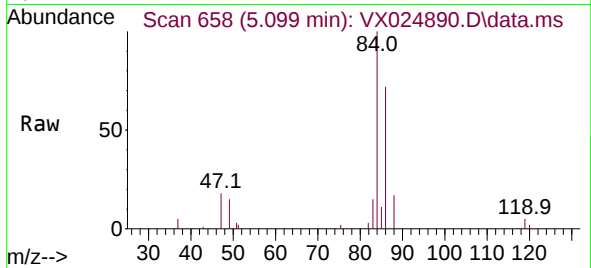




#25
Chloroform
Concen: 0.093 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

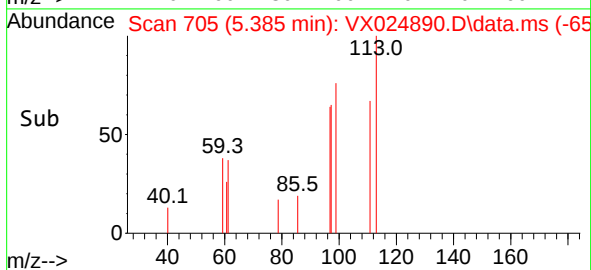
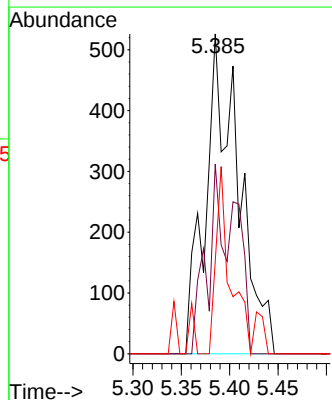
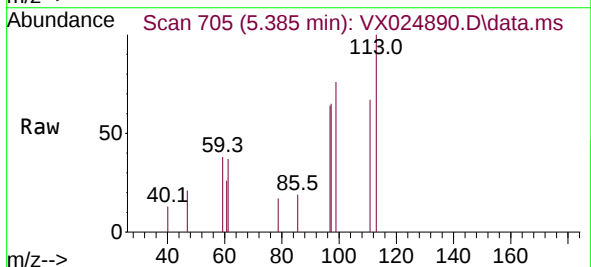
Instrument :
MSVOA_X
ClientSampled :

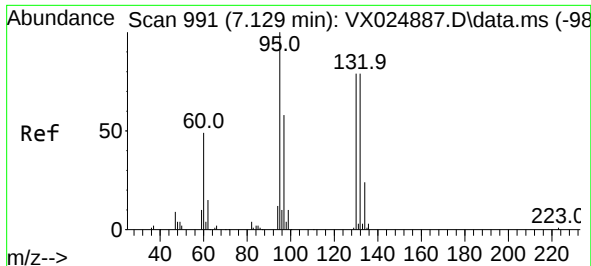
Tgt Ion: 83 Resp: 1161
Ion Ratio Lower Upper
83 100
85 75.5 47.0 87.4



#29
1,1,1-Trichloroethane
Concen: 0.103 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Tgt Ion: 97 Resp: 1247
Ion Ratio Lower Upper
97 100
99 29.5 50.2 75.4#
61 25.2 27.0 40.6#



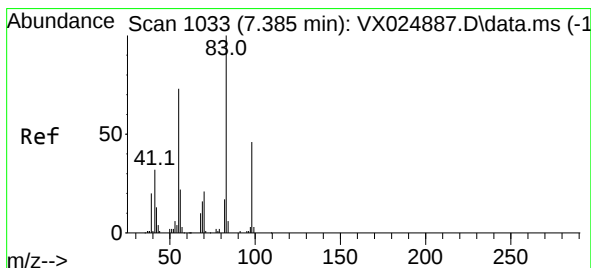
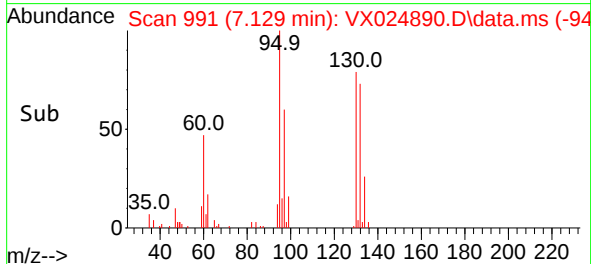
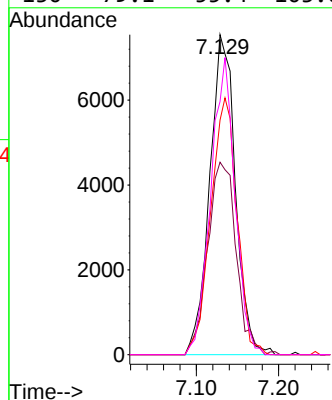
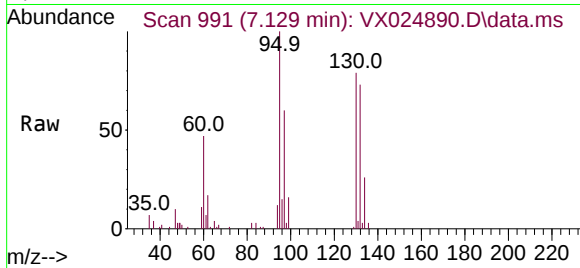


#34
Trichloroethene
Concen: 2.473 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 95 Resp: 16377

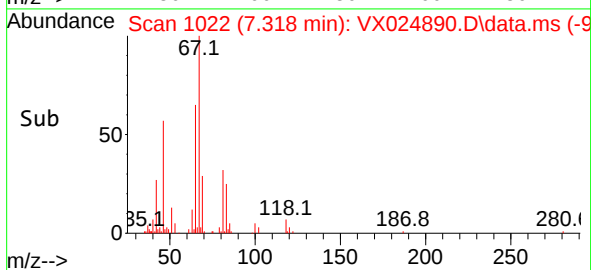
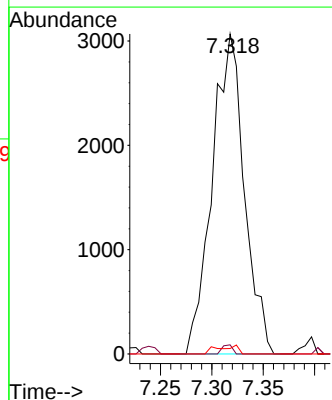
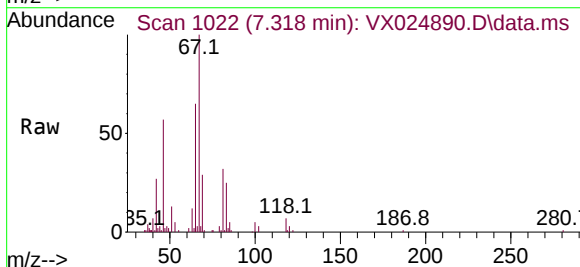
Ion	Ratio	Lower	Upper
95	100		
97	60.2	46.6	86.6
132	73.3	58.4	108.6
130	79.1	55.4	103.0

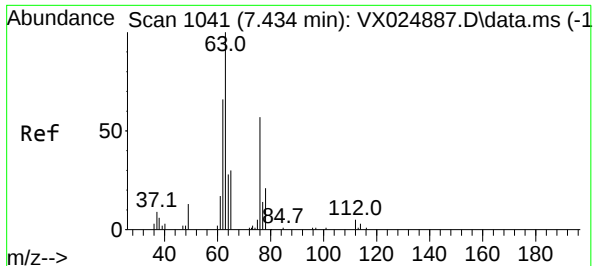


#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Tgt Ion: 83 Resp: 6686

Ion	Ratio	Lower	Upper
83	100		
55	0.9	55.7	83.5#
98	0.9	38.3	57.5#



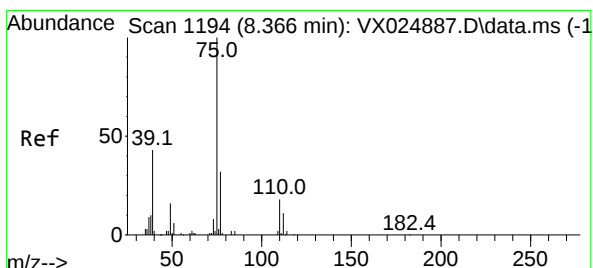
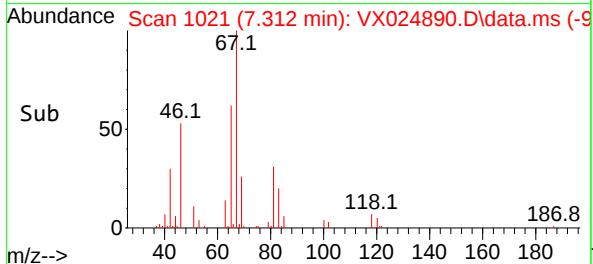
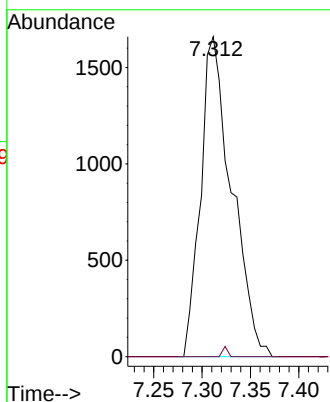
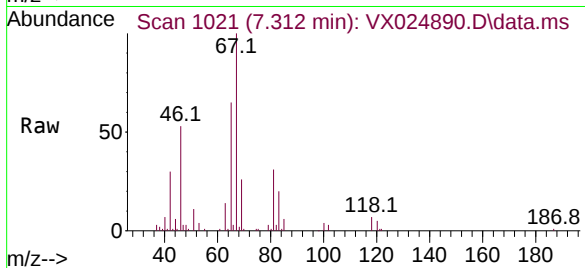


#37

1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Instrument :
MSVOA_X
ClientSampled :

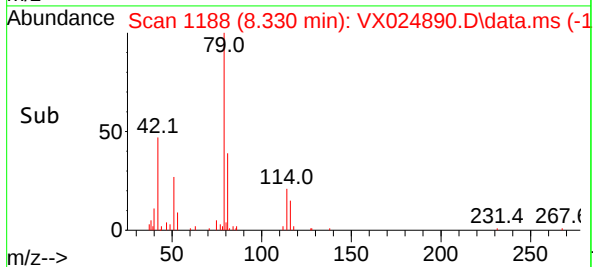
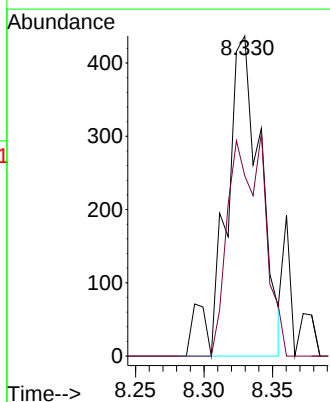
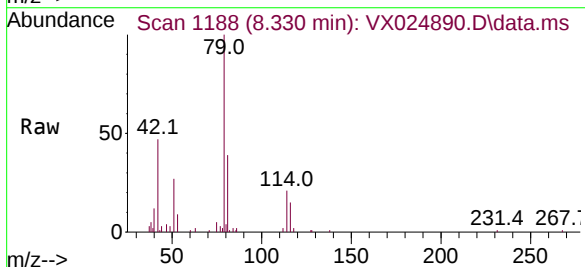
Tgt Ion: 63 Resp: 3707
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#

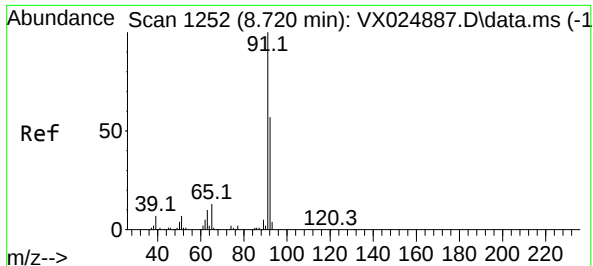


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024890.D
Acq: 23 Oct 2021 13:02

Tgt Ion: 75 Resp: 768
Ion Ratio Lower Upper
75 100
77 56.3 20.9 38.9#





#42

Toluene

Concen: 0.075 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX024890.D

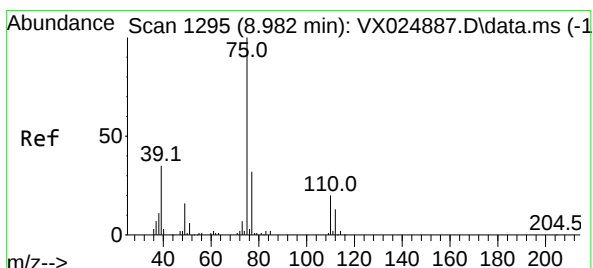
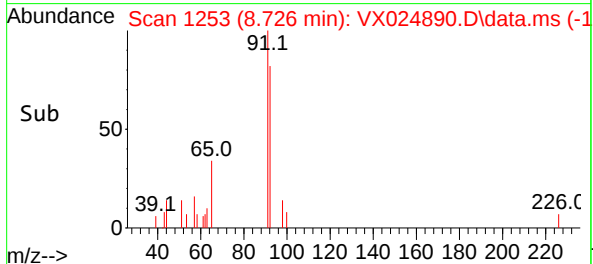
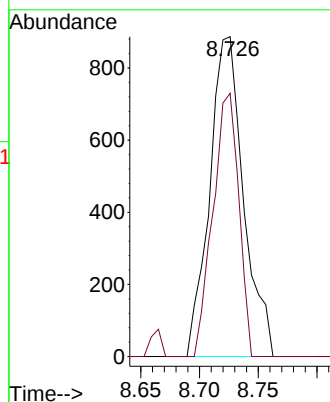
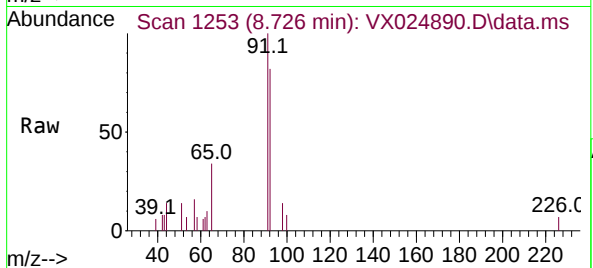
Acq: 23 Oct 2021 13:02

Tgt Ion: 91 Resp: 1781

Ion Ratio Lower Upper

91 100

92 82.3 39.1 72.5#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX024890.D

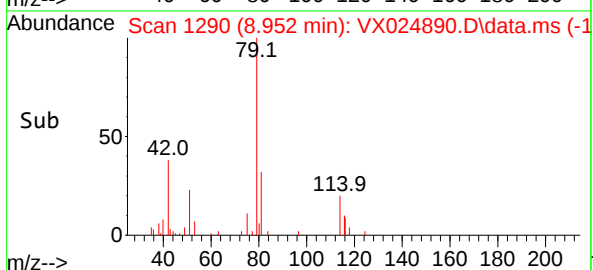
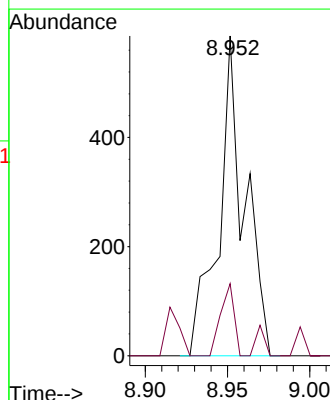
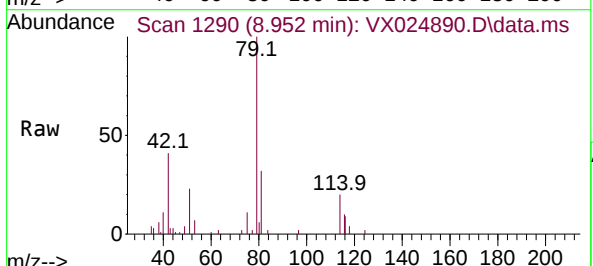
Acq: 23 Oct 2021 13:02

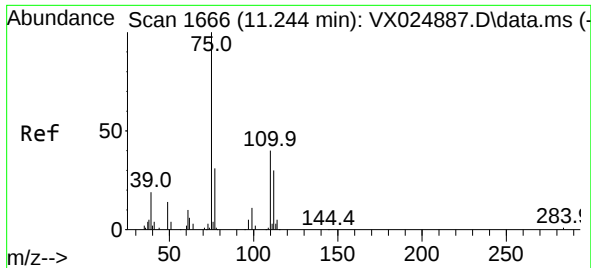
Tgt Ion: 75 Resp: 641

Ion Ratio Lower Upper

75 100

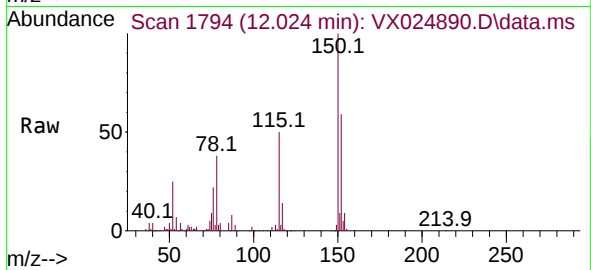
77 22.5 23.4 43.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.500 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX024890.D
 Acq: 23 Oct 2021 13:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 4543
 Ion Ratio Lower Upper
 75 100
 77 36.5 28.1 42.1
 110 2.3 34.7 52.1#

