

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024884.D
 Acq On : 22 Oct 2021 20:10
 Operator : JC/MD
 Sample : M4291-15
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 03:57:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

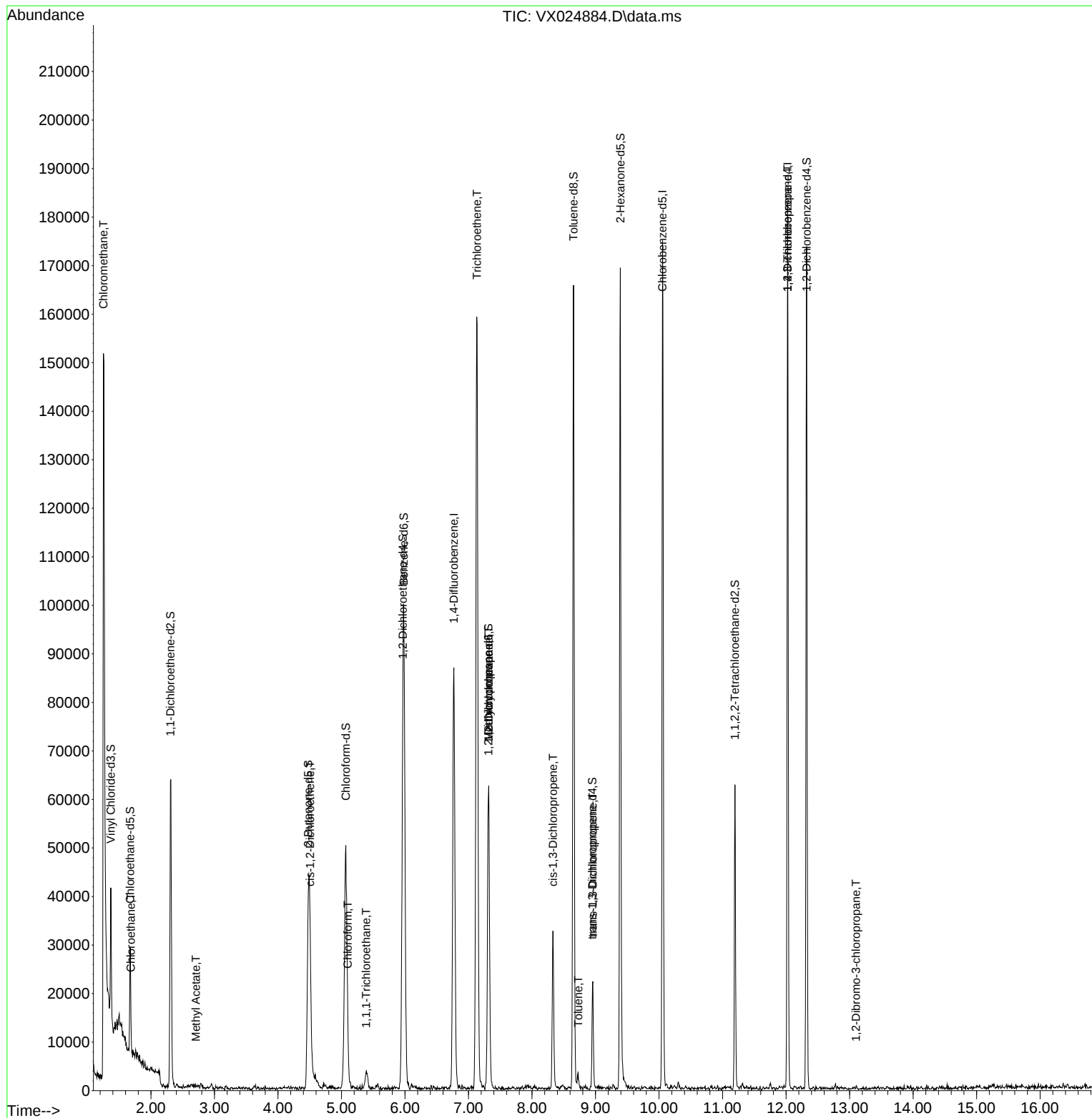
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	79023	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	74974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	16162	6.967	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.400%#
7) Chloroethane-d5	1.672	69	14595	6.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	139.600%#
11) 1,1-Dichloroethene-d2	2.307	63	37677	4.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.477	46	57339	67.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.200%#
24) Chloroform-d	5.068	84	62453	5.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.964	65	34840	5.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	5.983	84	98471	5.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
36) 1,2-Dichloropropane-d6	7.312	67	31780	5.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.000%
41) Toluene-d8	8.653	98	93026	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.952	79	11719	4.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	9.391	63	50814	55.193	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.380%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23200	5.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	30074	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
3) Chloromethane	1.252	50	5529	1.745	ug/L #	38
8) Chloroethane	1.685	64	1304	0.561	ug/L #	52
15) Methyl Acetate	2.709	43	283	0.196	ug/L #	68
22) cis-1,2-Dichloroethene	4.507	96	12464	2.058	ug/L	79
25) Chloroform	5.099	83	1269	0.099	ug/L	90
29) 1,1,1-Trichloroethane	5.385	97	3314	0.255	ug/L #	59
34) Trichloroethene	7.135	95	67465	9.456	ug/L	95
35) Methylcyclohexane	7.318	83	8548	0.857	ug/L #	22
37) 1,2-Dichloropropane	7.318	63	4552	0.850	ug/L #	88
39) cis-1,3-Dichloropropene	8.330	75	1331	0.147	ug/L	85
42) Toluene	8.726	91	2039	0.080	ug/L	85
44) trans-1,3-Dichloropropene	8.958	75	719	0.088	ug/L	86
61) 1,2,3-Trichloropropane	12.024	75	4315	1.309	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	13.103	75	124	0.155	ug/L #	6

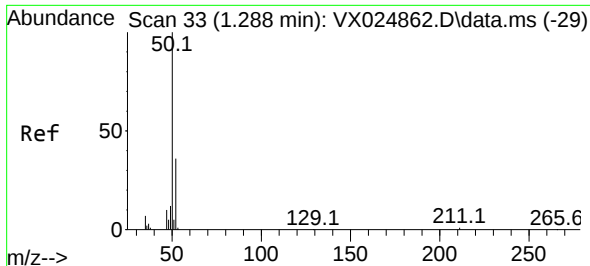
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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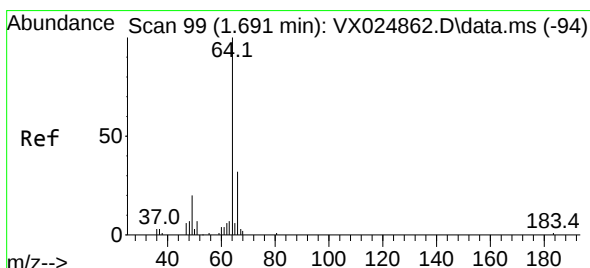
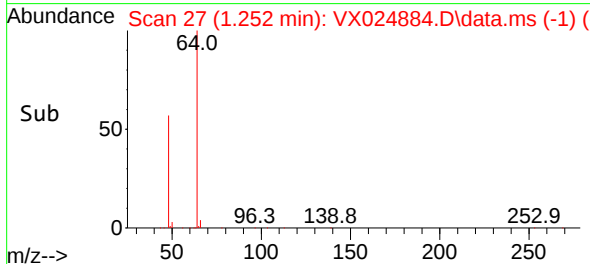
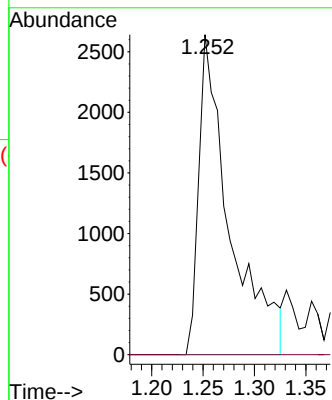
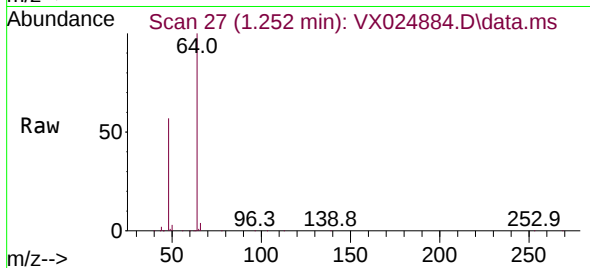




#3
Chloromethane
Concen: 1.745 ug/L
RT: 1.252 min Scan# 27
Delta R.T. -0.037 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

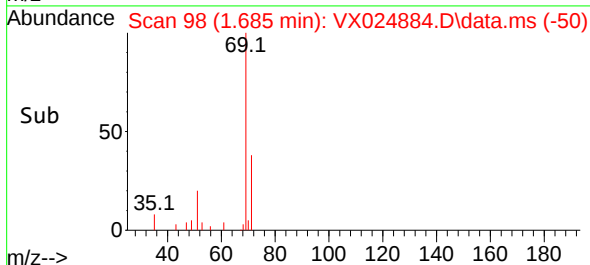
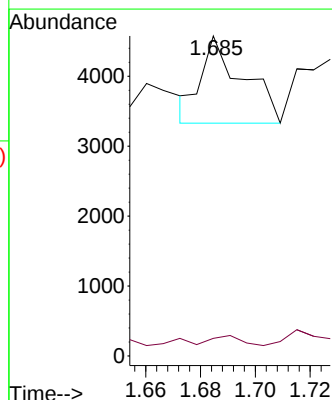
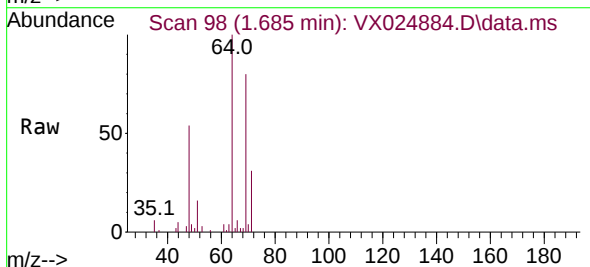
Instrument :
MSVOA_X
ClientSampled :

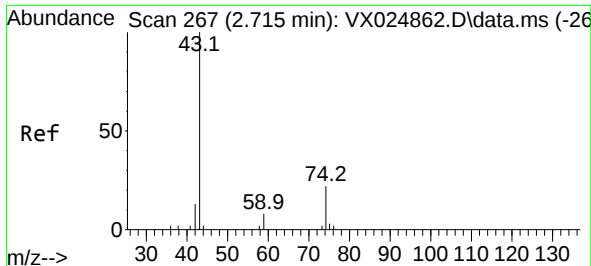
Tgt Ion: 50 Resp: 5529
Ion Ratio Lower Upper
50 100
52 0.0 25.5 47.3#



#8
Chloroethane
Concen: 0.561 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Tgt Ion: 64 Resp: 1304
Ion Ratio Lower Upper
64 100
66 5.5 22.6 42.0#

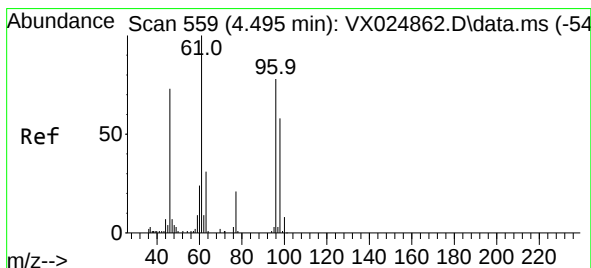
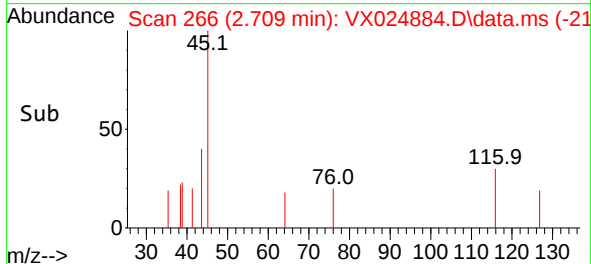
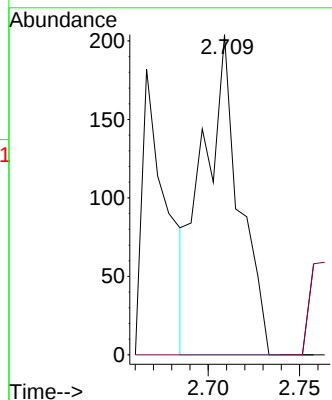
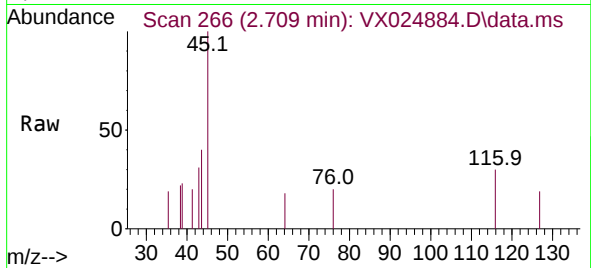




#15
Methyl Acetate
Concen: 0.196 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

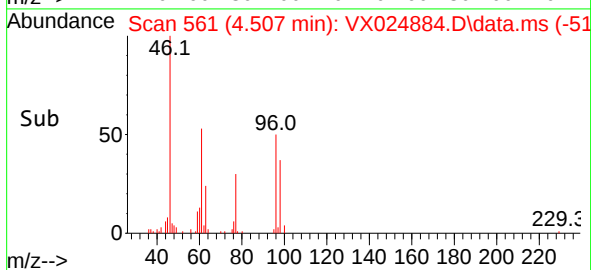
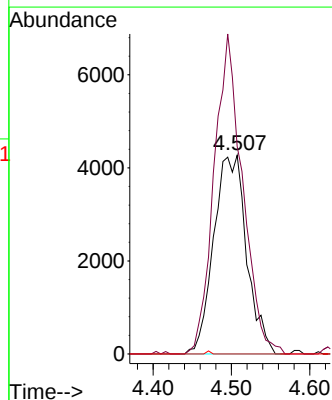
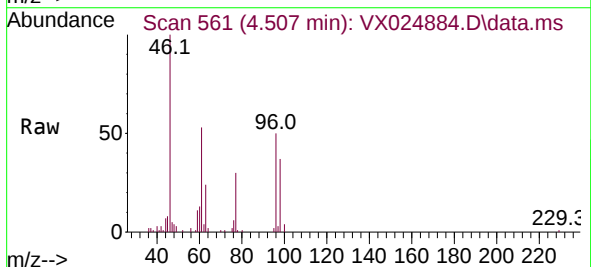
Instrument :
MSVOA_X
ClientSampled :

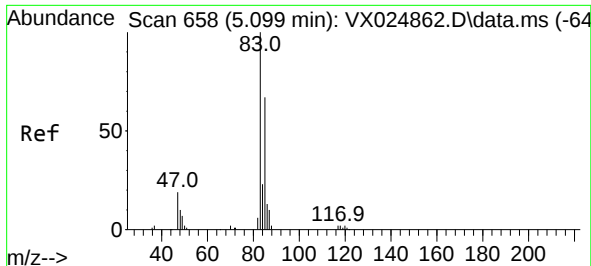
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
74 15.2 26.8 40.2#



#22
cis-1,2-Dichloroethene
Concen: 2.058 ug/L
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Tgt Ion: 96 Resp: 12464
Ion Ratio Lower Upper
96 100
61 104.5 90.3 167.7
68 0.0 0.0 0.0

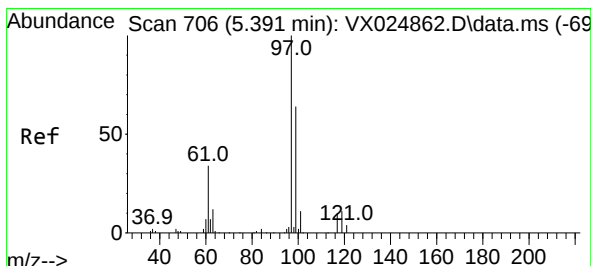
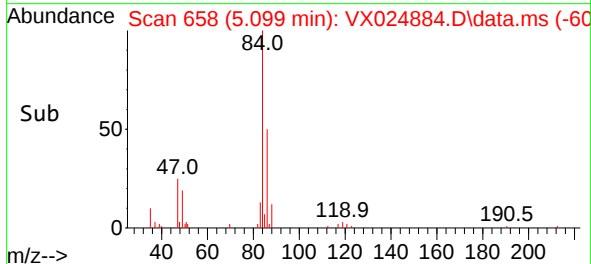
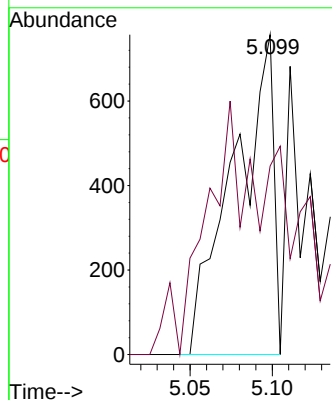
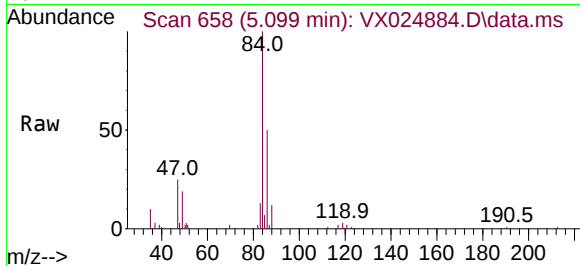




#25
Chloroform
Concen: 0.099 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

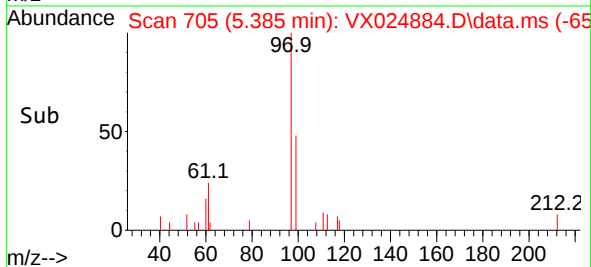
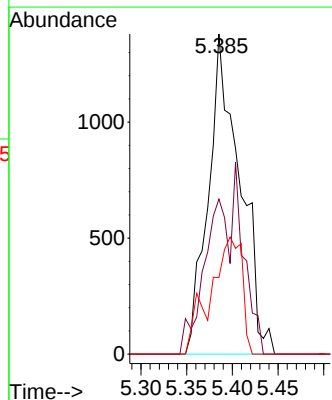
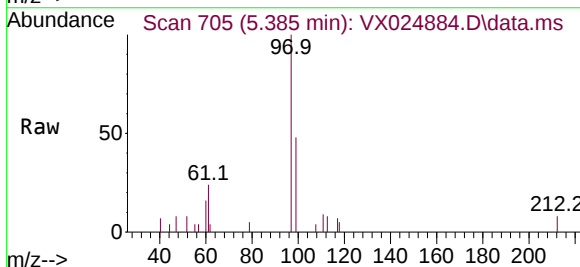
Instrument :
MSVOA_X
ClientSampled :

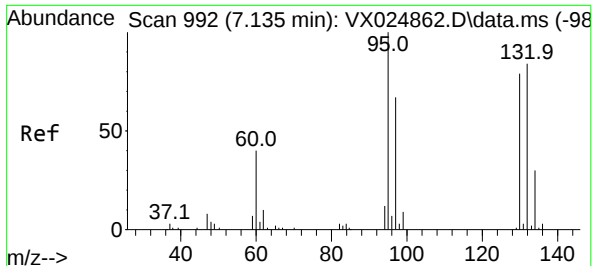
Tgt Ion: 83 Resp: 1269
Ion Ratio Lower Upper
83 100
85 58.9 47.0 87.4



#29
1,1,1-Trichloroethane
Concen: 0.255 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Tgt Ion: 97 Resp: 3314
Ion Ratio Lower Upper
97 100
99 38.2 50.2 75.4#
61 0.0 27.0 40.6#





#34

Trichloroethene

Concen: 9.456 ug/L

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX024884.D

Acq: 22 Oct 2021 20:10

Tgt Ion: 95 Resp: 67465

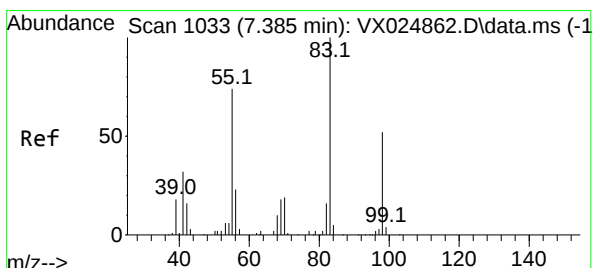
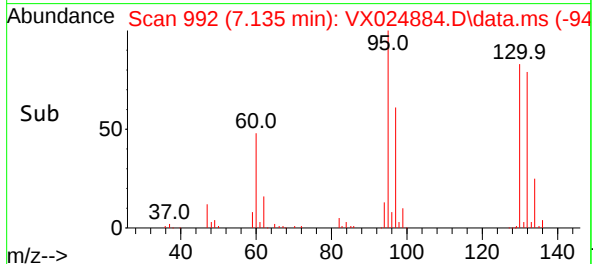
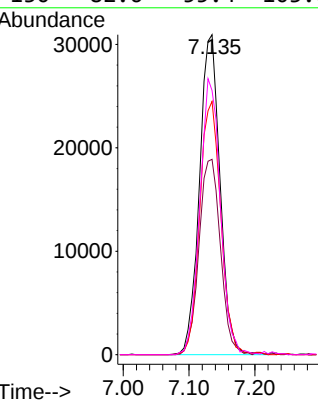
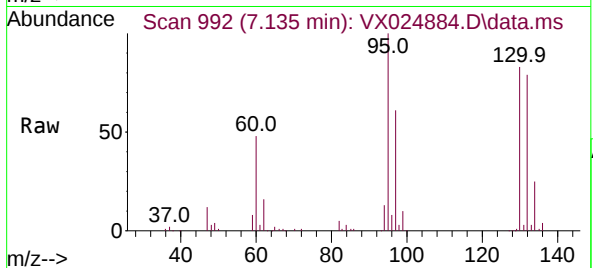
Ion Ratio Lower Upper

95 100

97 61.0 46.6 86.6

132 79.2 58.4 108.6

130 82.6 55.4 103.0



#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.067 min

Lab File: VX024884.D

Acq: 22 Oct 2021 20:10

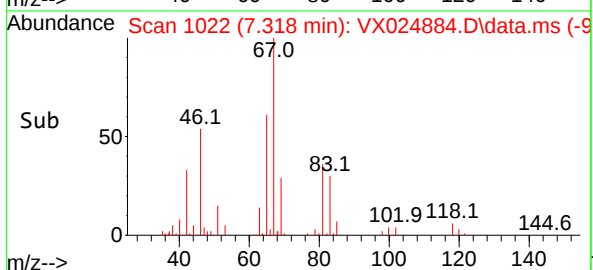
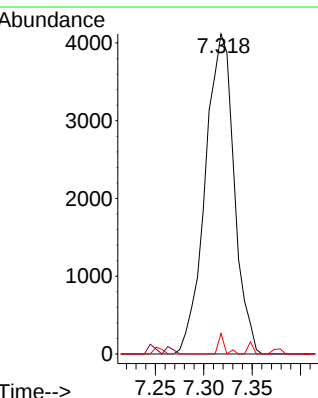
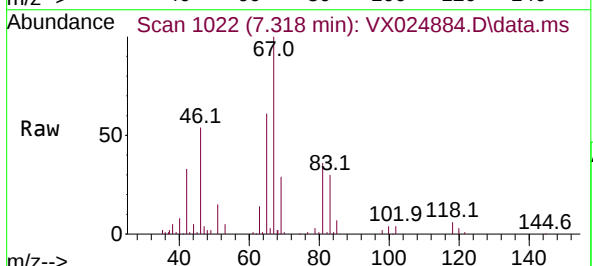
Tgt Ion: 83 Resp: 8548

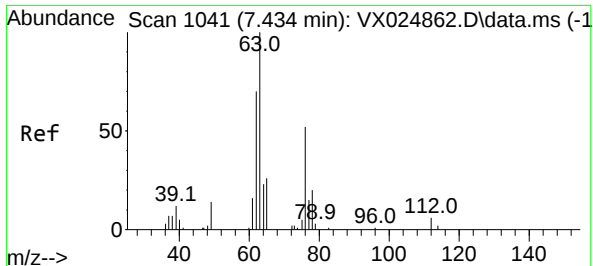
Ion Ratio Lower Upper

83 100

55 0.6 55.7 83.5#

98 1.4 38.3 57.5#



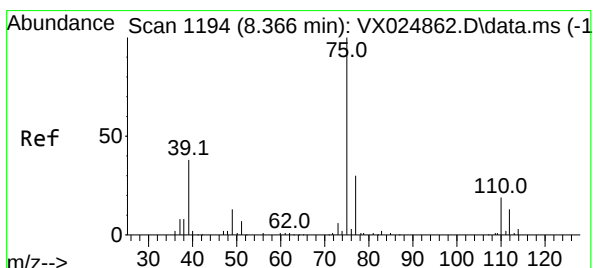
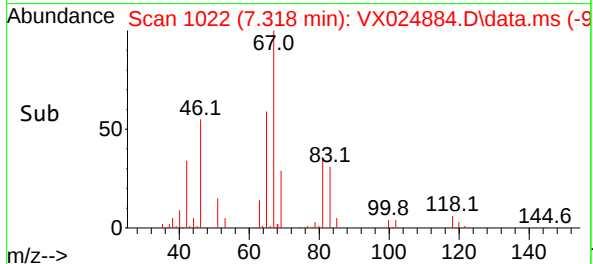
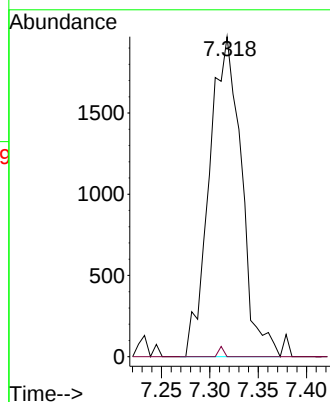
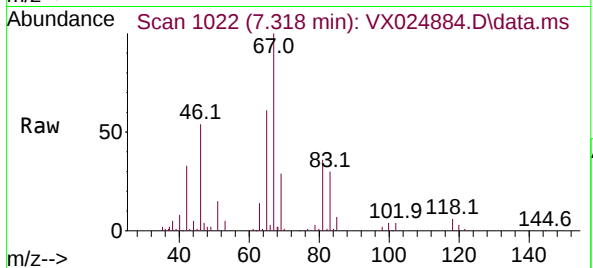


#37

1,2-Dichloropropane
Concen: 0.850 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Instrument :
MSVOA_X
ClientSampled :

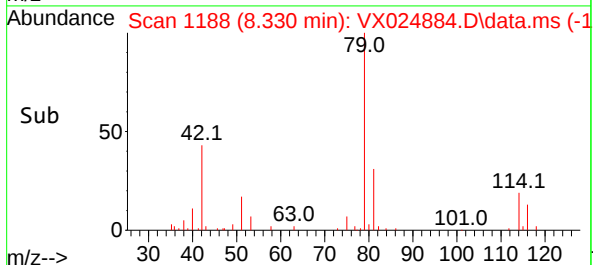
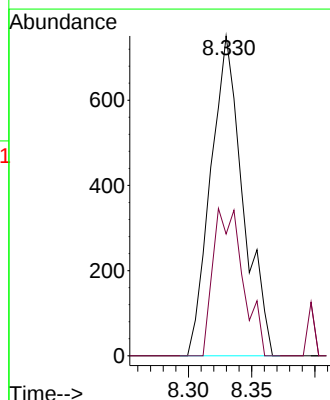
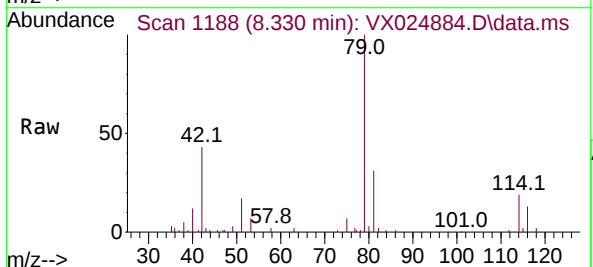
Tgt Ion: 63 Resp: 4552
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#

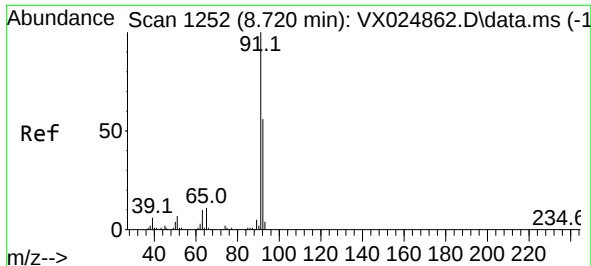


#39

cis-1,3-Dichloropropene
Concen: 0.147 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Tgt Ion: 75 Resp: 1331
Ion Ratio Lower Upper
75 100
77 38.1 20.9 38.9

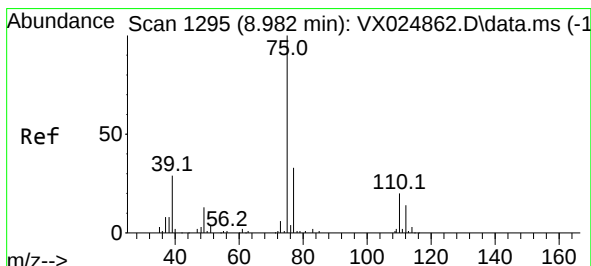
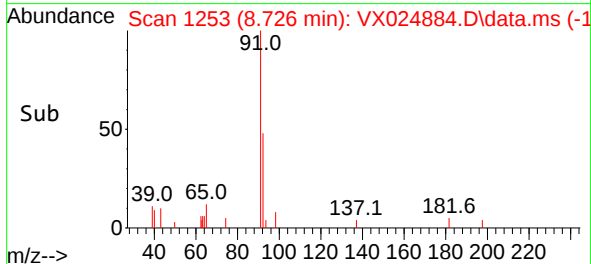
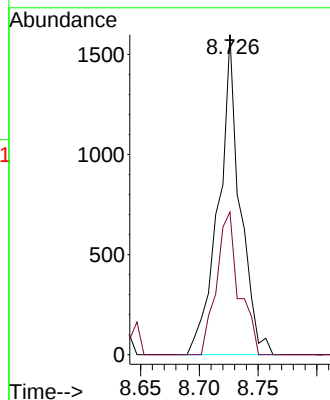
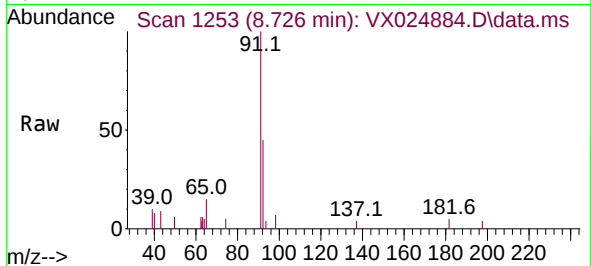




#42
Toluene
Concen: 0.080 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

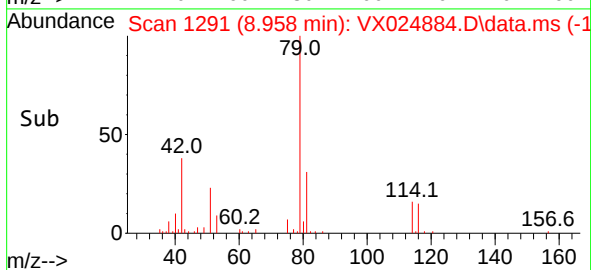
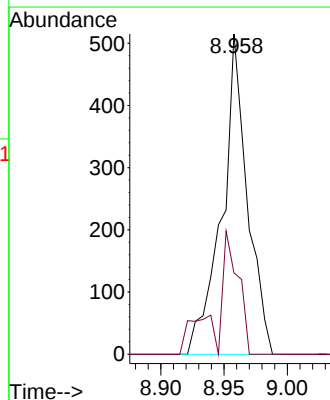
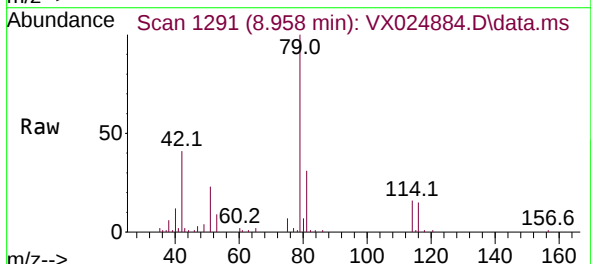
Instrument :
MSVOA_X
ClientSampled :

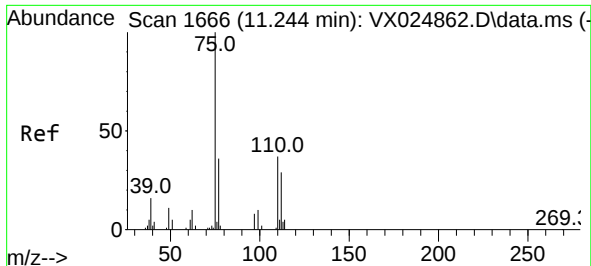
Tgt Ion: 91 Resp: 2039
Ion Ratio Lower Upper
91 100
92 44.6 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

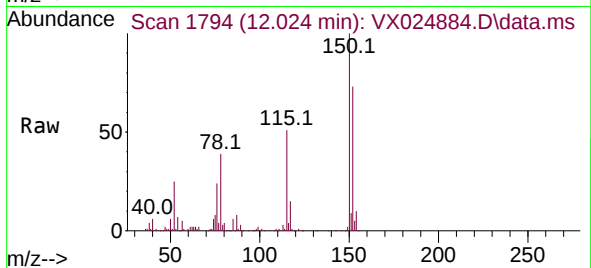
Tgt Ion: 75 Resp: 719
Ion Ratio Lower Upper
75 100
77 25.4 23.4 43.4



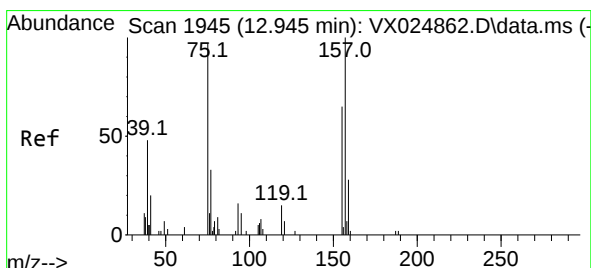
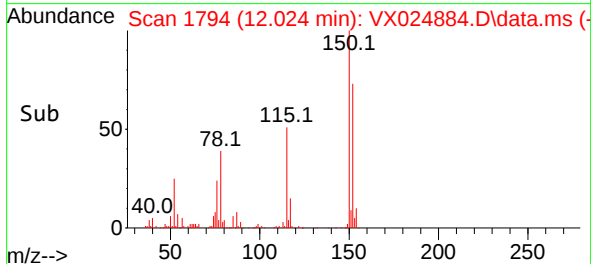
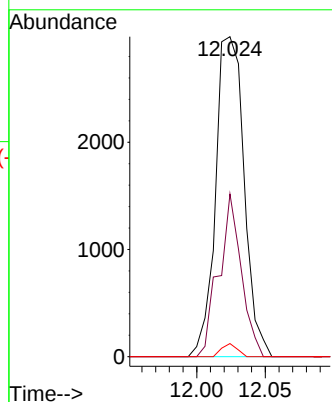


#61
1,2,3-Trichloropropane
Concen: 1.309 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 4315
Ion Ratio Lower Upper
75 100
77 40.1 28.1 42.1
110 2.2 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.155 ug/L
RT: 13.103 min Scan# 1971
Delta R.T. 0.159 min
Lab File: VX024884.D
Acq: 22 Oct 2021 20:10

Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
155 0.0 53.6 80.4#
157 0.0 82.2 123.4#

