

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026080.D
 Acq On : 27 Dec 2021 23:04
 Operator : JC/MD
 Sample : M5174-12ME
 Misc : 7.13g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 02:55:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

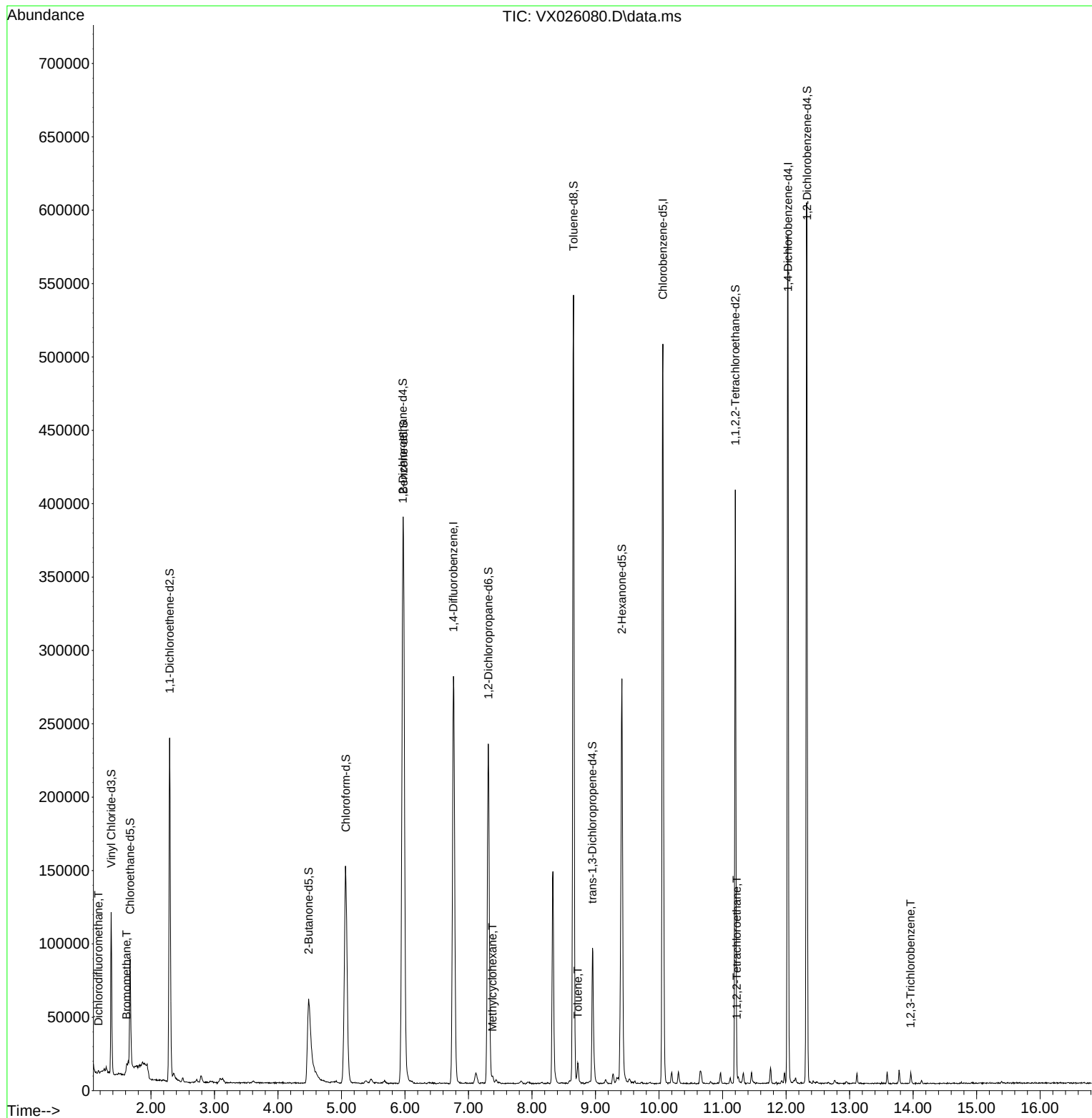
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	288425	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	252412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	120331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	73816	36.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.180%
7) Chloroethane-d5	1.672	69	52411	32.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.120%#
11) 1,1-Dichloroethene-d2	2.294	63	132028	32.574	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.140%
21) 2-Butanone-d5	4.483	46	143104	80.700	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.700%
24) Chloroform-d	5.068	84	179121	43.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	5.964	65	118492	42.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.520%
32) Benzene-d6	5.976	84	357918	49.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	7.311	67	113859	50.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	8.652	98	313378	46.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.951	79	46444	47.268	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
47) 2-Hexanone-d5	9.415	63	106289	91.192	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.190%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	151300	45.435	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.860%
66) 1,2-Dichlorobenzene-d4	12.329	152	116723	51.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	1258	0.436	ug/L	96
6) Bromomethane	1.617	94	1565	1.032	ug/L	82
35) Methylcyclohexane	7.378	83	1839	0.567	ug/L	97
42) Toluene	8.720	91	8717	1.021	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.225	83	2144	0.649	ug/L #	79
72) 1,2,3-Trichlorobenzene	13.963	180	1780	0.782	ug/L	97

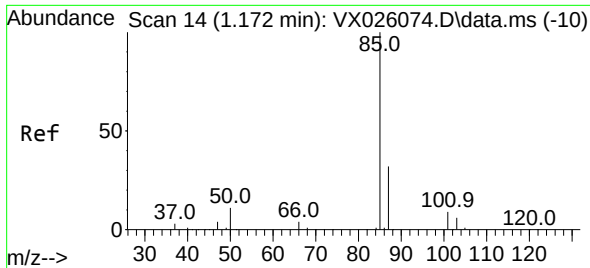
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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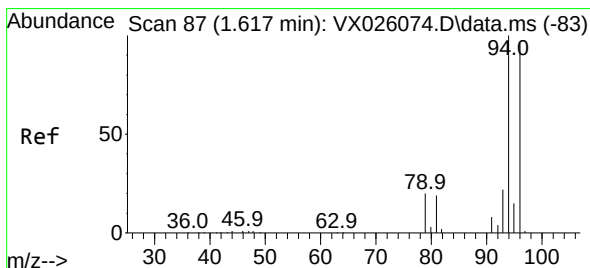
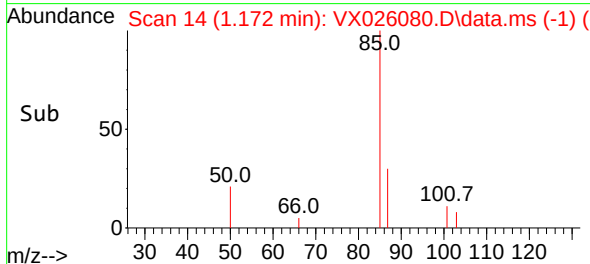
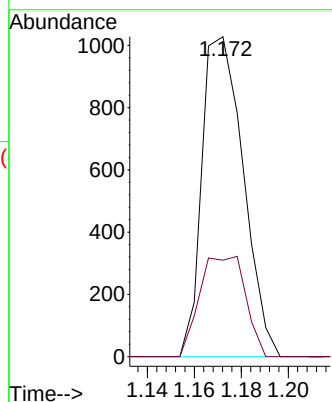
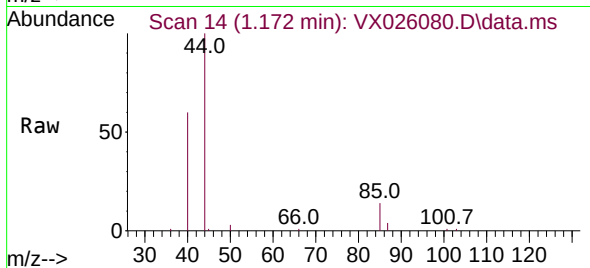




#2
 Dichlorodifluoromethane
 Concen: 0.436 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX026080.D
 Acq: 27 Dec 2021 23:04

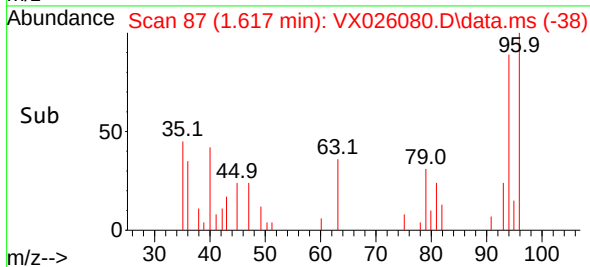
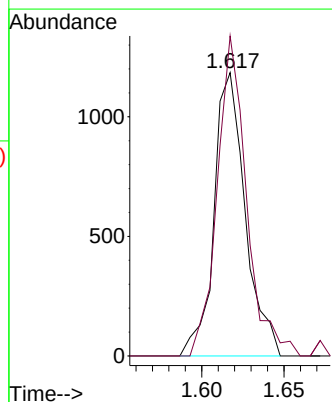
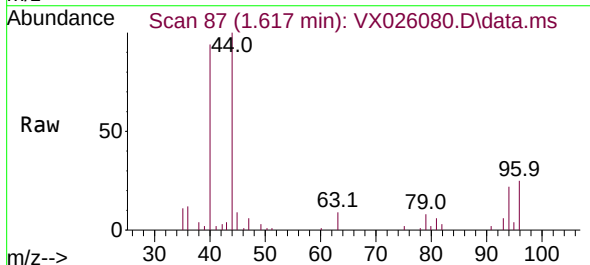
Instrument :
 MSVOA_X
 ClientSampleId :

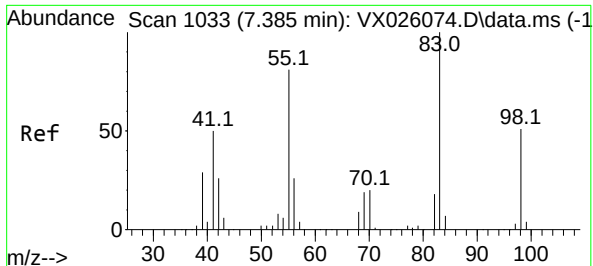
Tgt Ion: 85 Resp: 1258
 Ion Ratio Lower Upper
 85 100
 87 34.7 25.8 38.6



#6
 Bromomethane
 Concen: 1.032 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX026080.D
 Acq: 27 Dec 2021 23:04

Tgt Ion: 94 Resp: 1565
 Ion Ratio Lower Upper
 94 100
 96 112.9 66.7 123.9

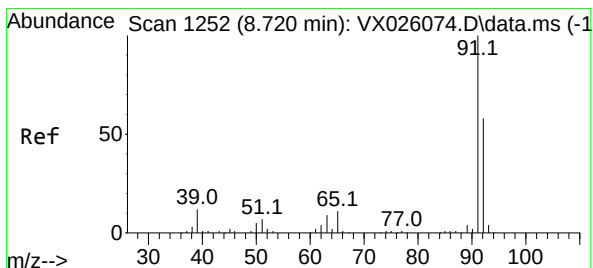
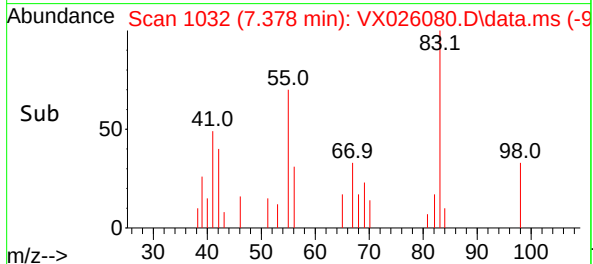
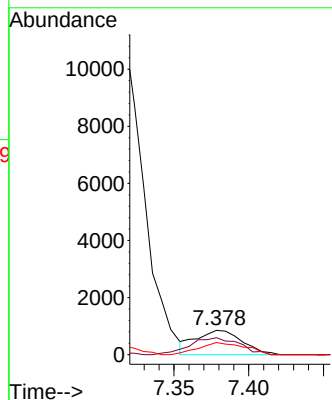
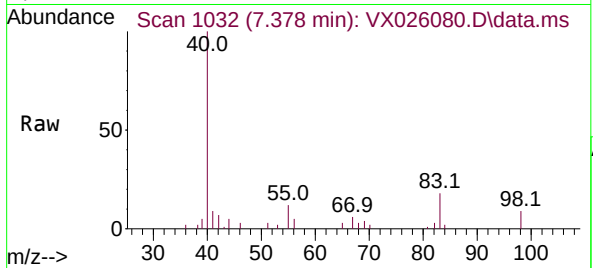




#35
Methylcyclohexane
Concen: 0.567 ug/L
RT: 7.378 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX026080.D
Acq: 27 Dec 2021 23:04

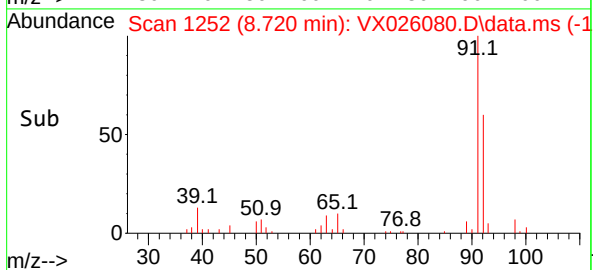
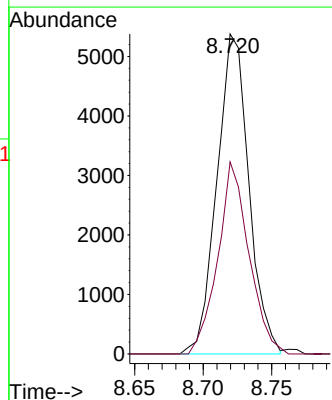
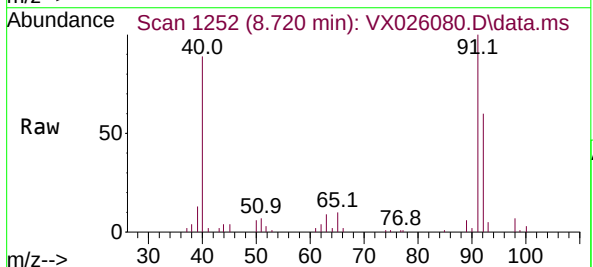
Instrument :
MSVOA_X
ClientSampleId :

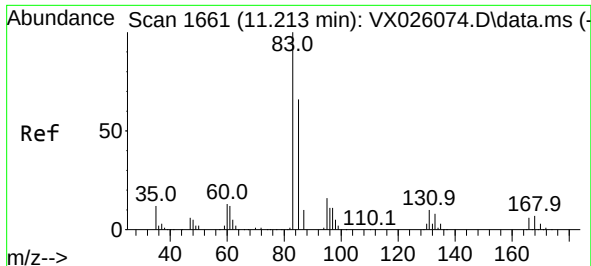
Tgt Ion: 83 Resp: 1839
Ion Ratio Lower Upper
83 100
55 75.1 57.3 85.9
98 49.7 41.1 61.7



#42
Toluene
Concen: 1.021 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026080.D
Acq: 27 Dec 2021 23:04

Tgt Ion: 91 Resp: 8717
Ion Ratio Lower Upper
91 100
92 60.0 41.2 76.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.649 ug/L

RT: 11.225 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX026080.D

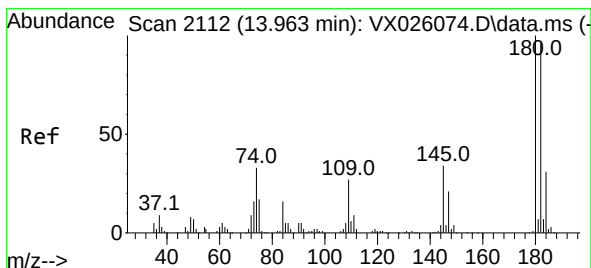
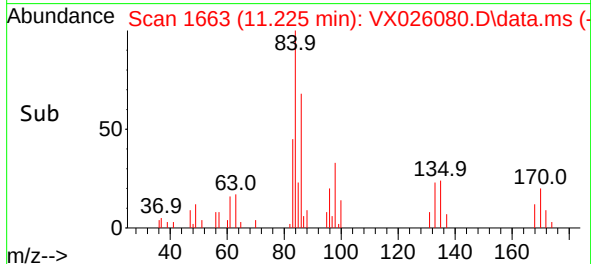
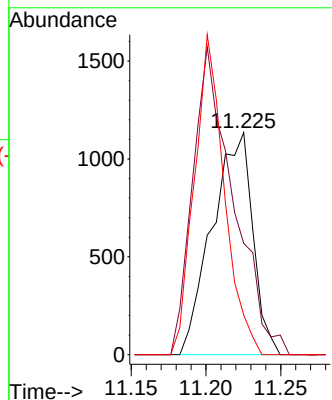
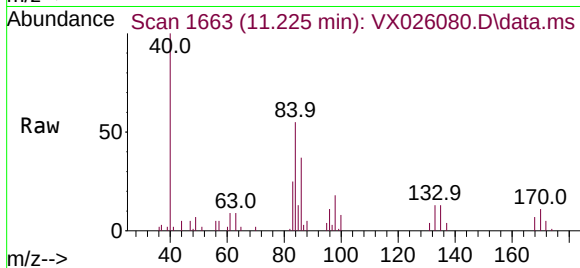
Acq: 27 Dec 2021 23:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 2144
Ion Ratio	Lower Upper
83	100
85	50.1 47.0 87.2
131	17.9 8.5 12.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.782 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX026080.D

Acq: 27 Dec 2021 23:04

Tgt Ion: 180	Resp: 1780
Ion Ratio	Lower Upper
180	100
182	96.6 75.2 112.8
145	33.5 25.8 38.6

