

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025619.D
 Acq On : 08 Dec 2021 14:26
 Operator : JC/MD
 Sample : M4884-14ME
 Misc : 3.26g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9K0ME

Quant Time: Dec 09 01:42:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 01:41:02 2021
 Response via : Initial Calibration

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

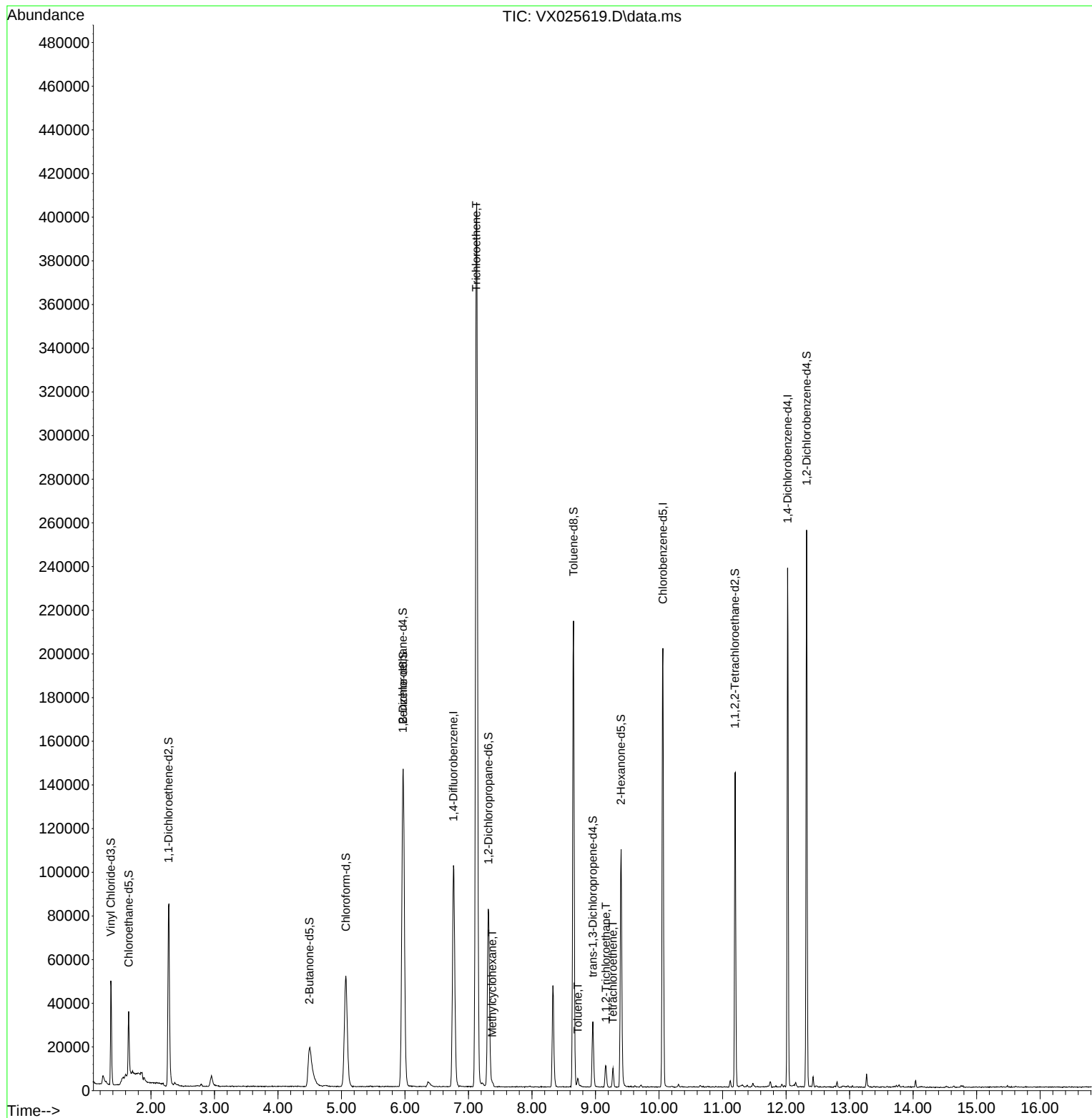
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	117210	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	102856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	50373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	35122	43.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.820%
7) Chloroethane-d5	1.648	69	18629	28.218	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.440%#
11) 1,1-Dichloroethene-d2	2.276	63	50612	39.683	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.360%
21) 2-Butanone-d5	4.495	46	52474	88.125	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.130%
24) Chloroform-d	5.068	84	66276	47.408	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
26) 1,2-Dichloroethane-d4	5.964	65	44604	51.187	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.380%
32) Benzene-d6	5.970	84	146330	53.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.360%
36) 1,2-Dichloropropane-d6	7.312	67	43738	51.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	8.653	98	134059	52.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	8.958	79	15647	36.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.740%
47) 2-Hexanone-d5	9.403	63	37585	85.549	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.550%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	56187	47.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	50909	51.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.060%
Target Compounds						
					Qvalue	
34) Trichloroethene	7.123	95	157796	218.335	ug/L	96
35) Methylcyclohexane	7.373	83	620	0.545	ug/L #	65
42) Toluene	8.720	91	2719	0.897	ug/L	96
45) 1,1,2-Trichloroethane	9.165	97	3175	4.341	ug/L	98
46) Tetrachloroethene	9.275	164	1708	2.787	ug/L	96

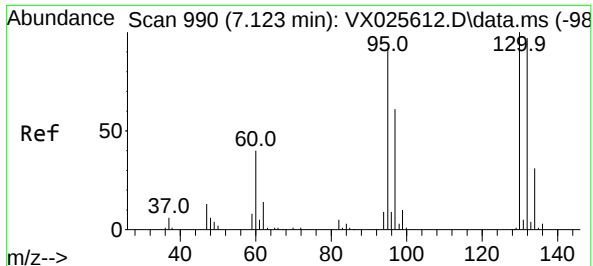
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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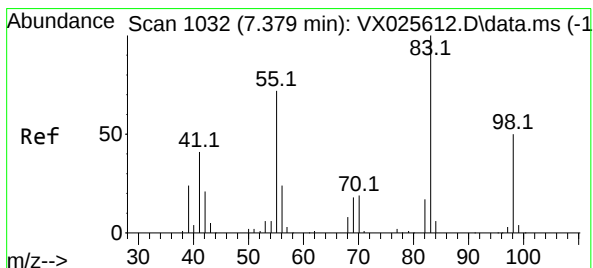
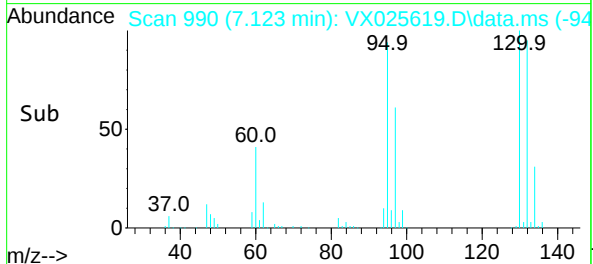
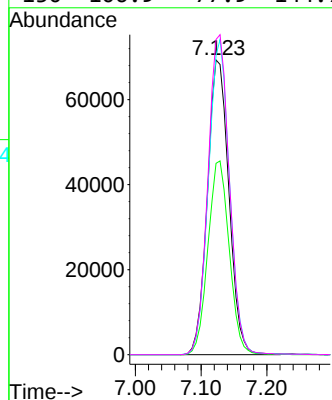
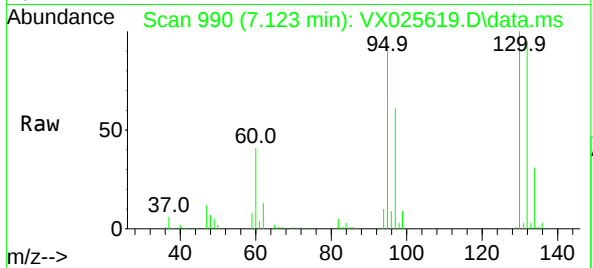




#34
Trichloroethene
Concen: 218.335 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX025619.D
Acq: 08 Dec 2021 14:26

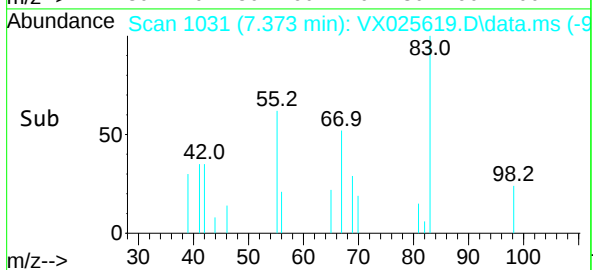
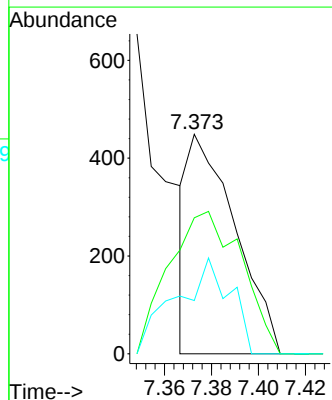
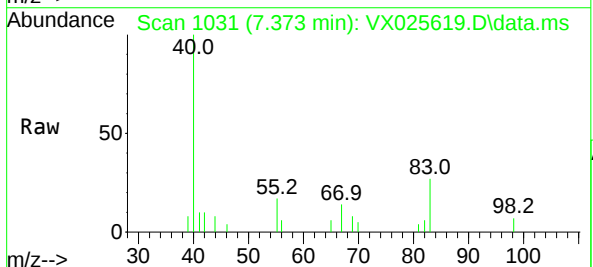
Instrument :
MSVOA_X
ClientSampleId :
EW9K0ME

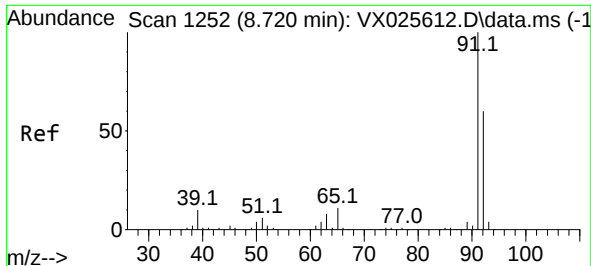
Tgt Ion: 95 Resp: 157796
Ion Ratio Lower Upper
95 100
97 64.9 46.0 85.4
132 101.5 75.0 139.2
130 106.9 77.9 144.7



#35
Methylcyclohexane
Concen: 0.545 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025619.D
Acq: 08 Dec 2021 14:26

Tgt Ion: 83 Resp: 620
Ion Ratio Lower Upper
83 100
55 100.8 57.3 85.9#
98 26.3 41.1 61.7#





#42

Toluene

Concen: 0.897 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025619.D

Acq: 08 Dec 2021 14:26

Instrument :

MSVOA_X

ClientSampleId :

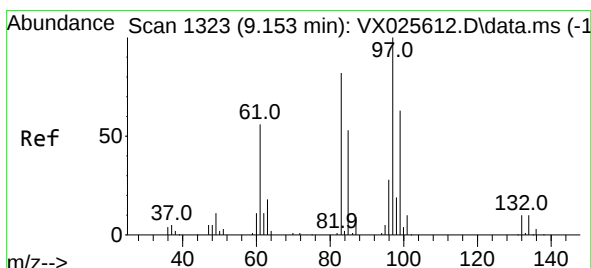
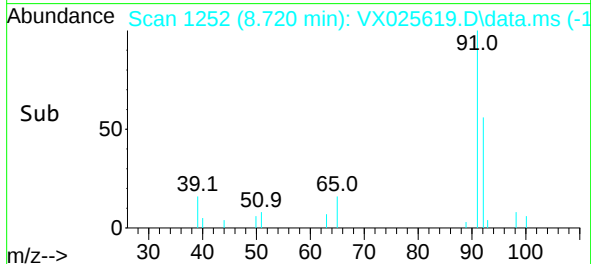
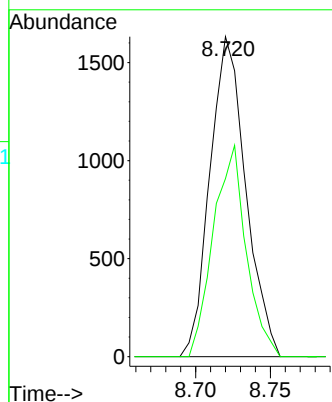
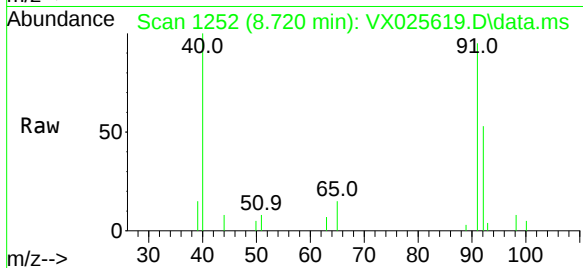
EW9K0ME

Tgt Ion: 91 Resp: 2719

Ion Ratio Lower Upper

91 100

92 55.6 41.2 76.6



#45

1,1,2-Trichloroethane

Concen: 4.341 ug/L

RT: 9.165 min Scan# 1325

Delta R.T. 0.012 min

Lab File: VX025619.D

Acq: 08 Dec 2021 14:26

Tgt Ion: 97 Resp: 3175

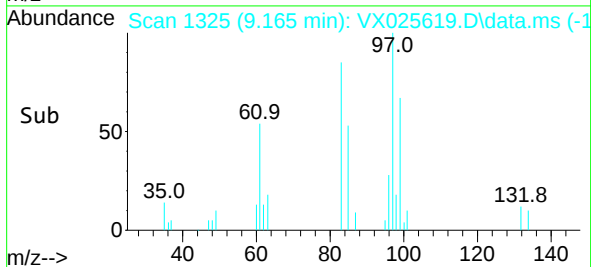
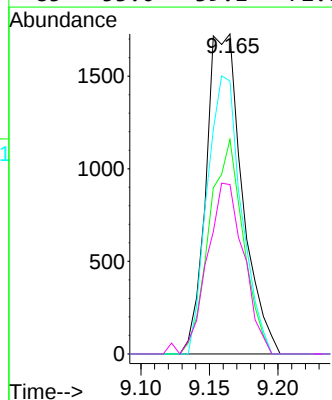
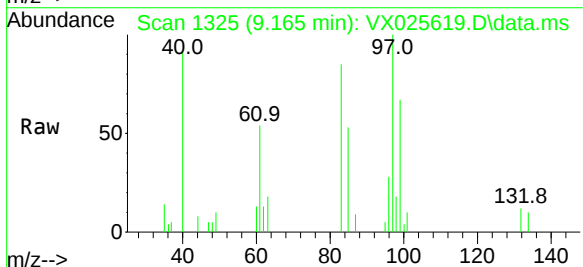
Ion Ratio Lower Upper

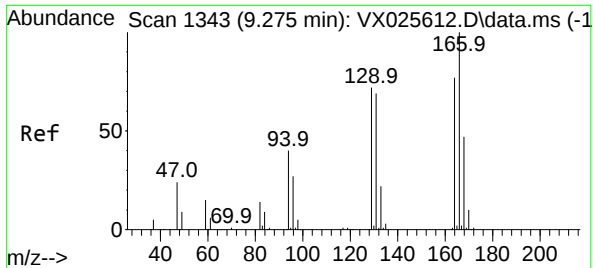
97 100

99 67.1 46.0 85.4

83 85.3 59.6 110.8

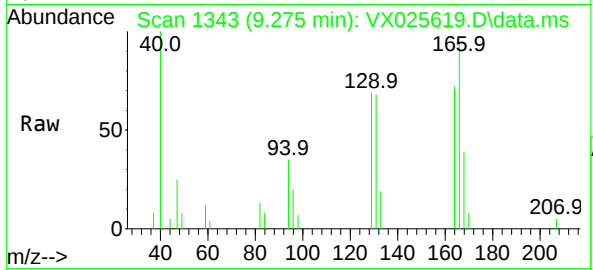
85 53.0 39.1 72.7





#46
Tetrachloroethene
Concen: 2.787 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025619.D
Acq: 08 Dec 2021 14:26

Instrument :
MSVOA_X
ClientSampleId :
EW9K0ME



Tgt Ion:	164	Resp:	1708
Ion	Ratio	Lower	Upper
164	100		
129	96.6	64.7	120.1
131	95.0	63.2	117.4
166	131.9	90.1	167.3

