

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025672.D
 Acq On : 09 Dec 2021 20:17
 Operator : JC/MD
 Sample : M4975-08MEDL 20X
 Misc : 6.39g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:30:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 04:16:38 2021
 Response via : Initial Calibration

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

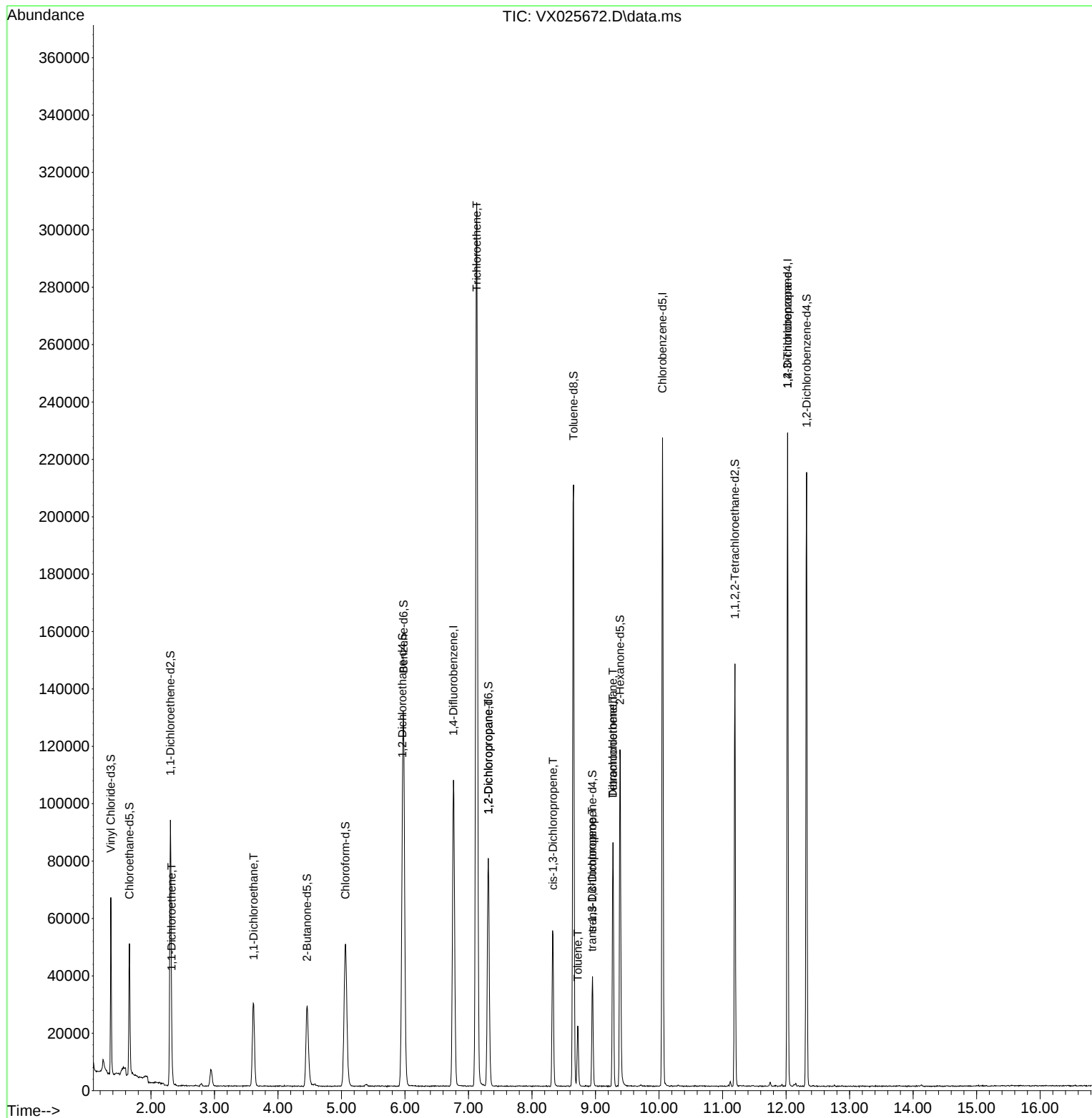
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	114011	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	104065	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	48131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36527	46.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.900%
7) Chloroethane-d5	1.660	69	30565	47.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.306	63	50308	40.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.100%
21) 2-Butanone-d5	4.458	46	49093	84.761	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.760%
24) Chloroform-d	5.062	84	62899	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
26) 1,2-Dichloroethane-d4	5.958	65	40702	48.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
32) Benzene-d6	5.976	84	133343	48.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
36) 1,2-Dichloropropane-d6	7.312	67	39018	45.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.380%
41) Toluene-d8	8.653	98	123443	47.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.840%
43) trans-1,3-Dichloroprop...	8.952	79	17674	41.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.340%
47) 2-Hexanone-d5	9.384	63	35129	79.030	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.030%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	53083	43.985	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	43976	46.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	1880	3.071	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	31999	27.109	ug/L	99
34) Trichloroethene	7.129	95	114845	157.060	ug/L	98
37) 1,2-Dichloropropane	7.312	63	4414	6.330	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1357	1.195	ug/L	85
42) Toluene	8.720	91	13527	4.412	ug/L	95
44) trans-1,3-Dichloropropene	8.945	75	906	0.830	ug/L	100
46) Tetrachloroethene	9.275	164	15842	25.546	ug/L	95
49) Dibromochloromethane	9.275	129	15164	17.779	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	5490	6.668	ug/L #	63

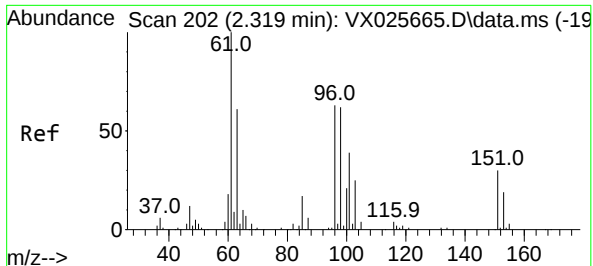
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 10 04:16:38 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.071 ug/L

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

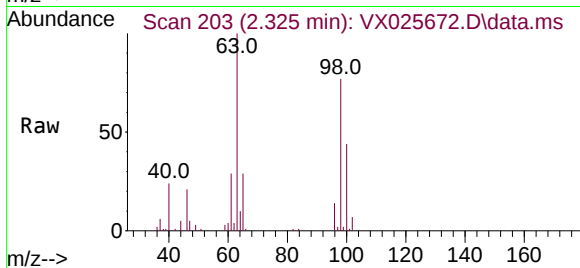
Lab File: VX025672.D

Acq: 09 Dec 2021 20:17

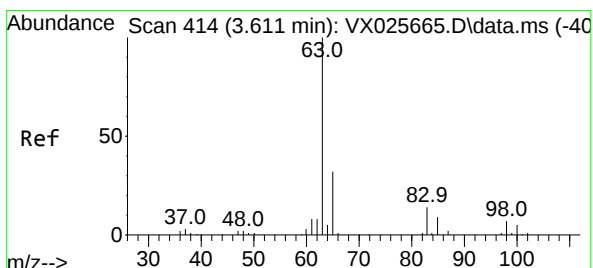
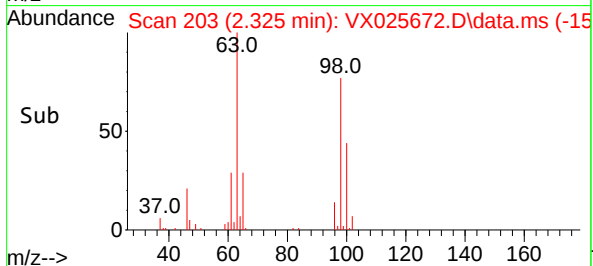
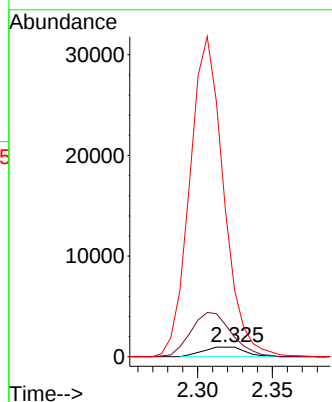
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	1880
Ion	Ratio	Lower	Upper
96	100		
61	203.5	108.7	201.9#
63	690.2	76.3	141.7#



#19

1,1-Dichloroethane

Concen: 27.109 ug/L

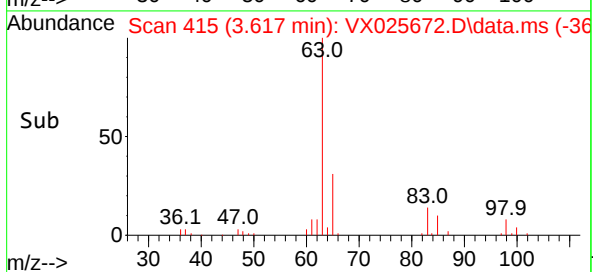
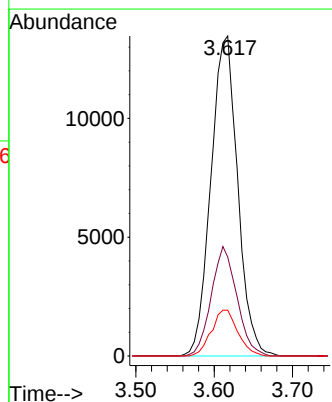
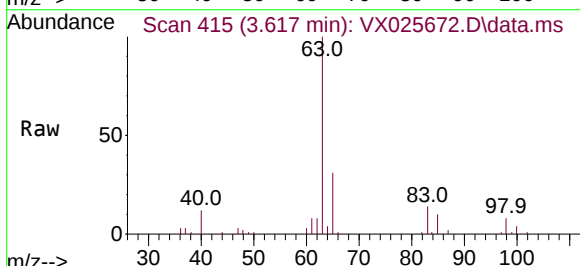
RT: 3.617 min Scan# 415

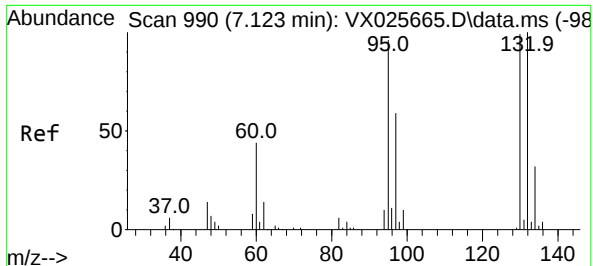
Delta R.T. 0.006 min

Lab File: VX025672.D

Acq: 09 Dec 2021 20:17

Tgt Ion:	63	Resp:	31999
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.2	41.2
83	14.3	10.2	19.0

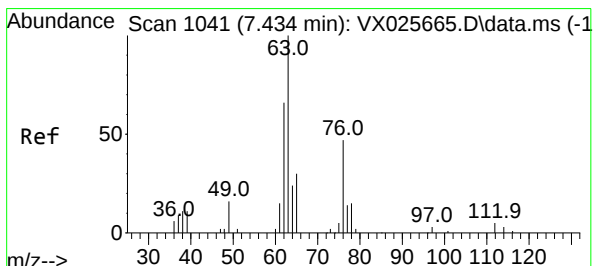
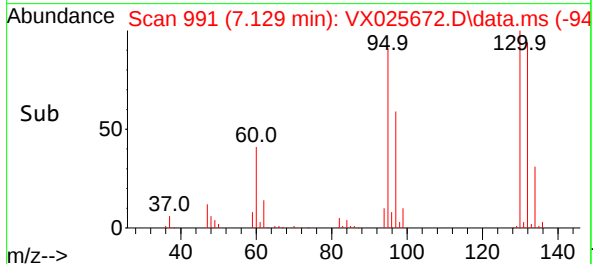
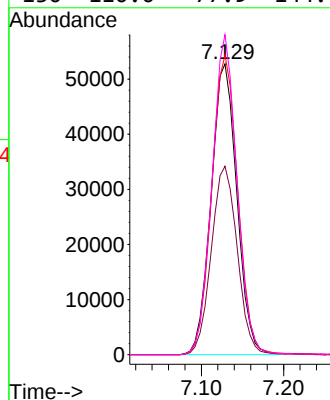
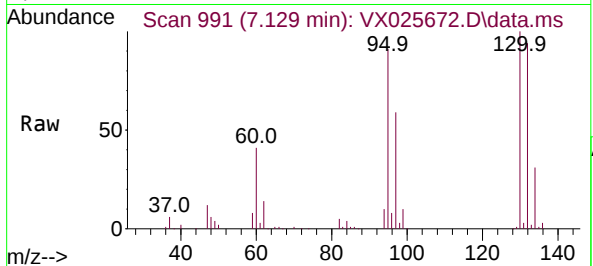




#34
Trichloroethene
Concen: 157.060 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025672.D
Acq: 09 Dec 2021 20:17

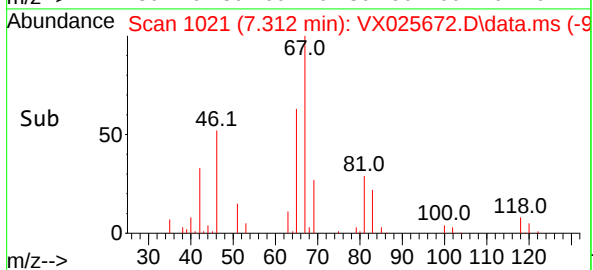
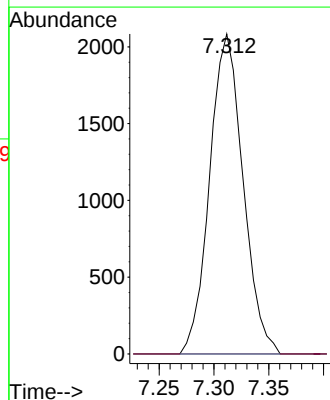
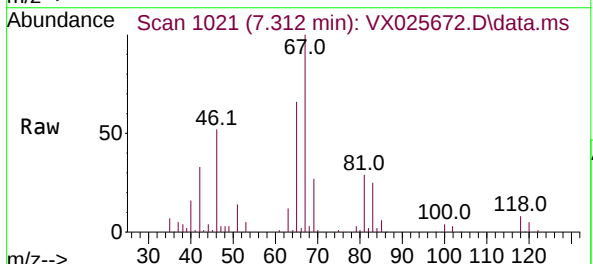
Instrument :
MSVOA_X
ClientSampleId :

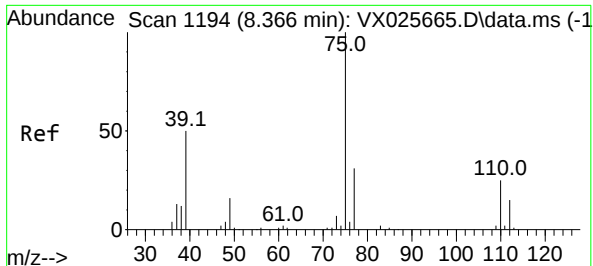
Tgt Ion: 95 Resp: 114845
Ion Ratio Lower Upper
95 100
97 64.8 46.0 85.4
132 103.0 75.0 139.2
130 110.0 77.9 144.7



#37
1,2-Dichloropropane
Concen: 6.330 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025672.D
Acq: 09 Dec 2021 20:17

Tgt Ion: 63 Resp: 4414
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.195 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025672.D

Acq: 09 Dec 2021 20:17

Instrument :

MSVOA_X

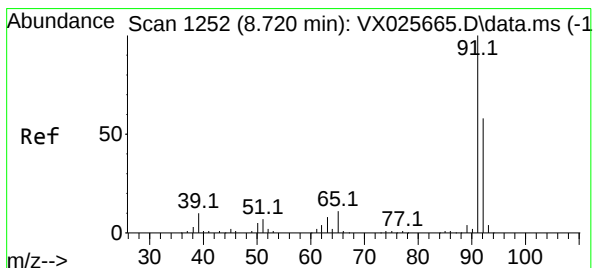
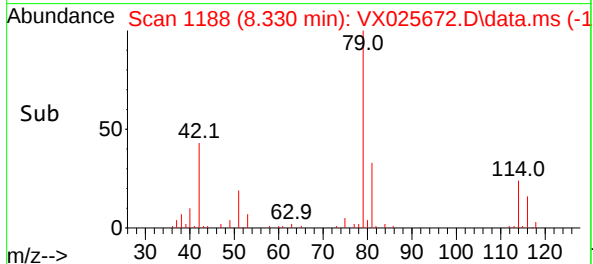
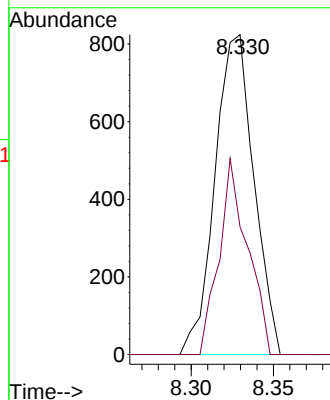
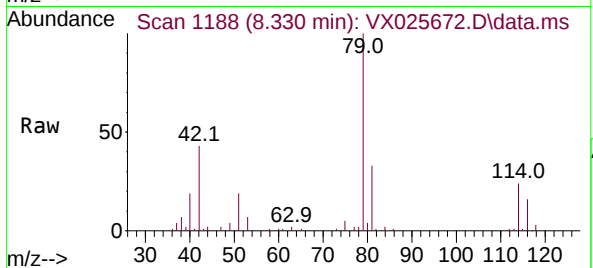
ClientSampleId :

Tgt Ion: 75 Resp: 1357

Ion Ratio Lower Upper

75 100

77 39.9 22.3 41.3



#42

Toluene

Concen: 4.412 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025672.D

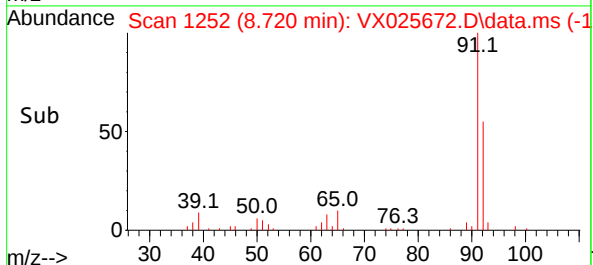
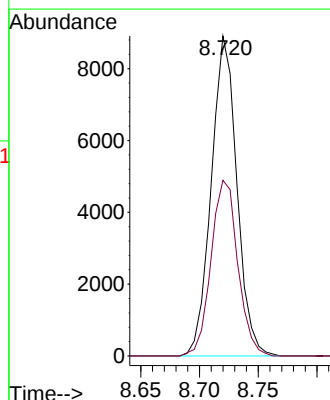
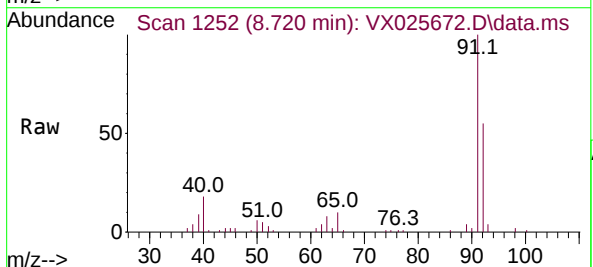
Acq: 09 Dec 2021 20:17

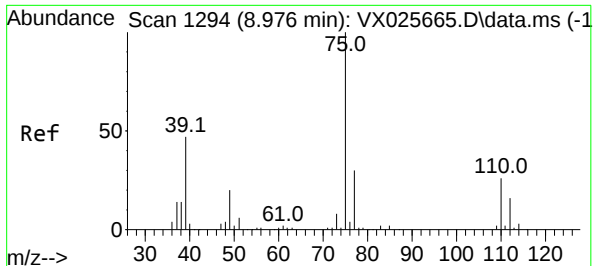
Tgt Ion: 91 Resp: 13527

Ion Ratio Lower Upper

91 100

92 54.9 41.2 76.6

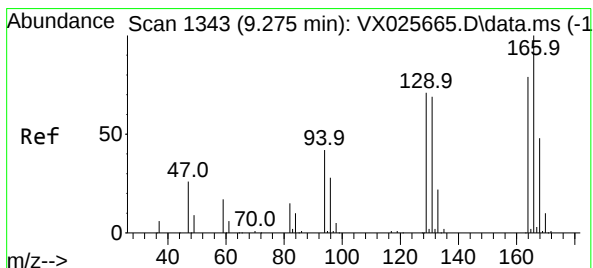
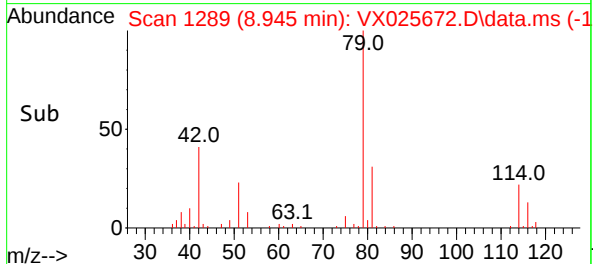
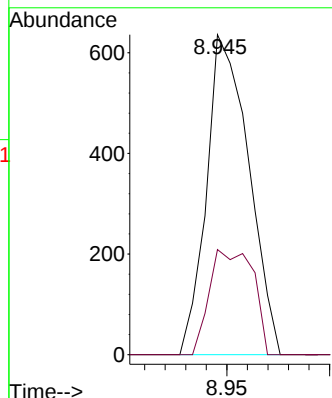
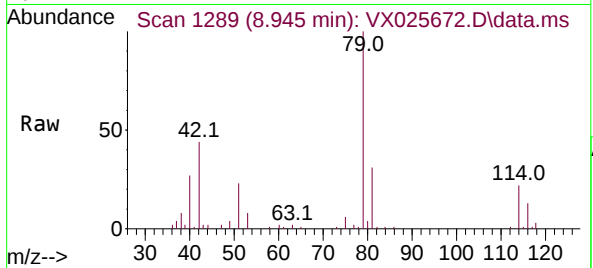




#44
trans-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX025672.D
Acq: 09 Dec 2021 20:17

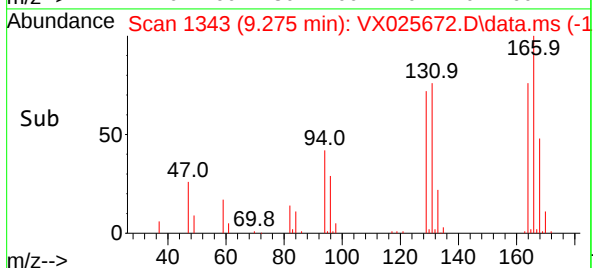
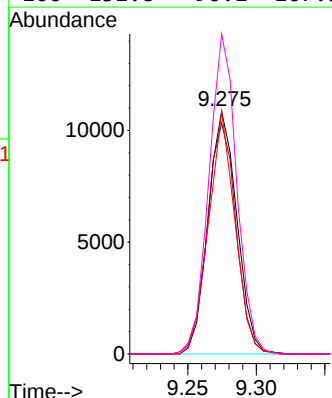
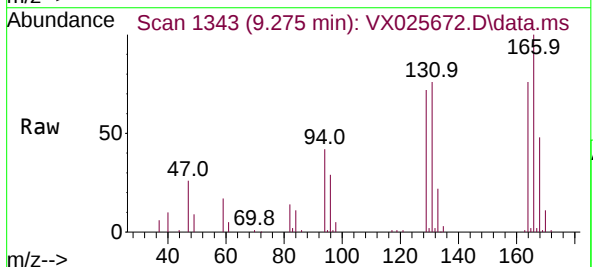
Instrument :
MSVOA_X
ClientSampleId :

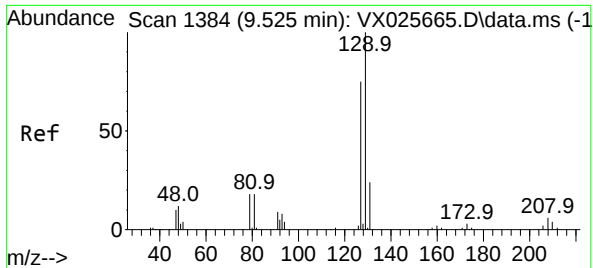
Tgt Ion: 75 Resp: 906
Ion Ratio Lower Upper
75 100
77 32.9 23.0 42.8



#46
Tetrachloroethene
Concen: 25.546 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025672.D
Acq: 09 Dec 2021 20:17

Tgt Ion: 164 Resp: 15842
Ion Ratio Lower Upper
164 100
129 95.1 64.7 120.1
131 99.9 63.2 117.4
166 131.8 90.1 167.3





#49

Dibromochloromethane

Concen: 17.779 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX025672.D

Acq: 09 Dec 2021 20:17

Instrument :

MSVOA_X

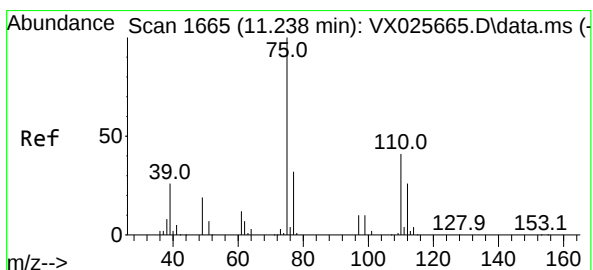
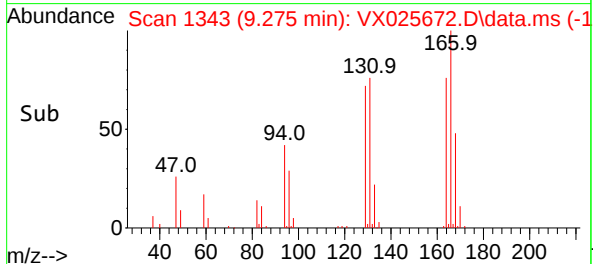
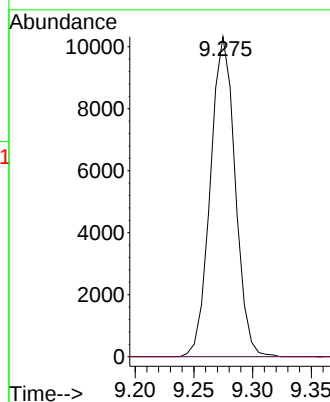
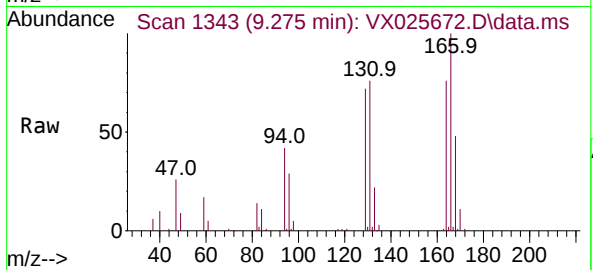
ClientSampleId :

Tgt Ion:129 Resp: 15164

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#61

1,2,3-Trichloropropane

Concen: 6.668 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025672.D

Acq: 09 Dec 2021 20:17

Tgt Ion: 75 Resp: 5490

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8

110 2.6 34.7 52.1#

