

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025659.D
 Acq On : 09 Dec 2021 14:55
 Operator : JC/MD
 Sample : M4884-14MEDL 20X
 Misc : 3.26g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 01:57:45 2021
 Response via : Initial Calibration

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

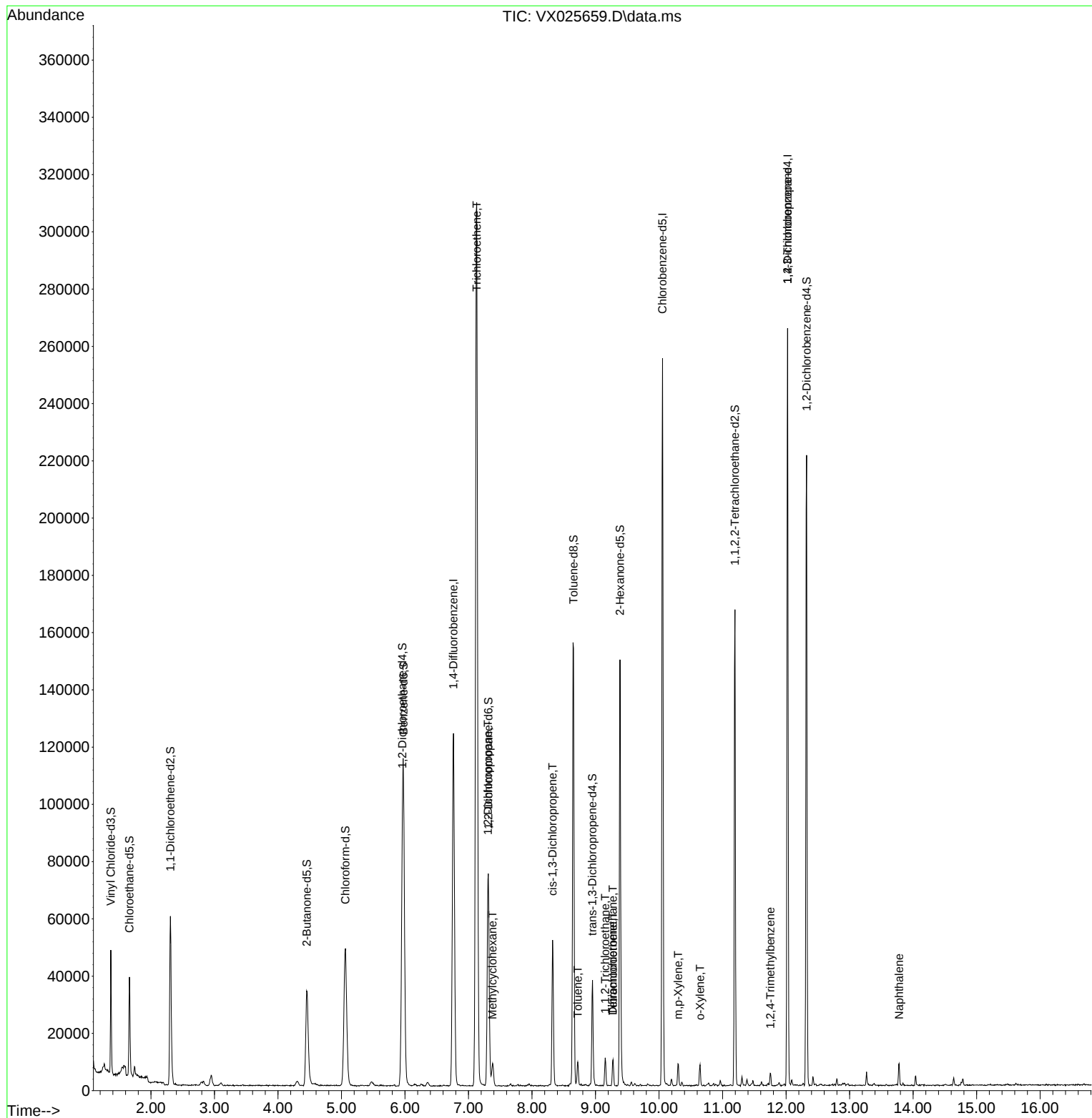
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	128821	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	117673	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24149	27.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.940%#
7) Chloroethane-d5	1.660	69	23941	32.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.000%#
11) 1,1-Dichloroethene-d2	2.306	63	33351	23.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.580%#
21) 2-Butanone-d5	4.452	46	58570	89.497	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.500%
24) Chloroform-d	5.062	84	60623	39.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.920%
26) 1,2-Dichloroethane-d4	5.958	65	40439	42.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.440%
32) Benzene-d6	5.977	84	108992	34.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.900%#
36) 1,2-Dichloropropane-d6	7.312	67	37082	38.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.800%
41) Toluene-d8	8.653	98	94778	32.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	8.952	79	16765	34.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.060%
47) 2-Hexanone-d5	9.384	63	42676	84.906	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.910%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	61621	45.155	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	45920	40.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						Qvalue
34) Trichloroethene	7.129	95	117174	141.714	ug/L	95
35) Methylcyclohexane	7.379	83	3306	2.540	ug/L	95
37) 1,2-Dichloropropane	7.306	63	4066	5.157	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1248	0.972	ug/L #	55
42) Toluene	8.720	91	5748	1.658	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	2508	2.997	ug/L	93
46) Tetrachloroethene	9.275	164	1867	2.663	ug/L	98
49) Dibromochloromethane	9.275	129	1763	1.828	ug/L #	12
53) m,p-Xylene	10.299	106	1977	1.310	ug/L	93
54) o-Xylene	10.646	106	1718	1.137	ug/L	89
61) 1,2,3-Trichloropropane	12.024	75	6852	6.911	ug/L #	64
63) 1,2,4-Trimethylbenzene	11.756	105	2261	0.718	ug/L #	80
71) Naphthalene	13.780	128	5384	1.519	ug/L	98

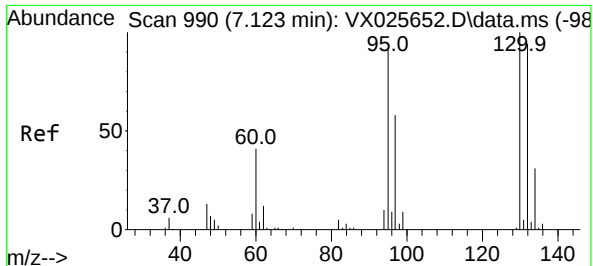
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 10 01:59:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 01:57:45 2021
Response via : Initial Calibration

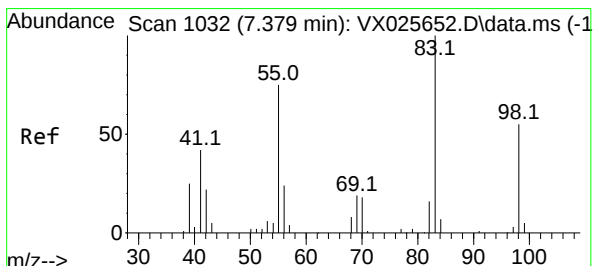
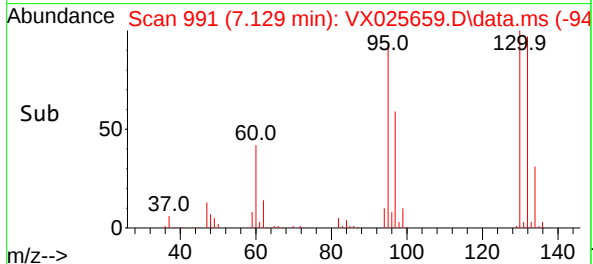
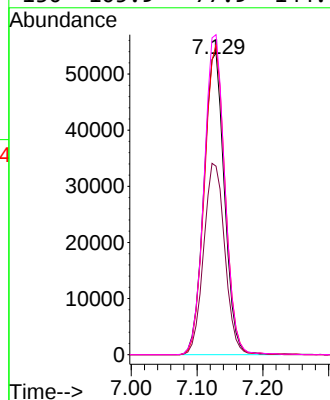
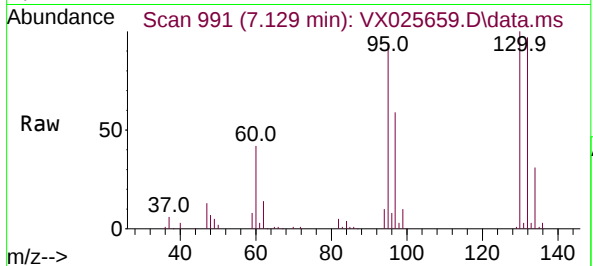




#34
Trichloroethene
Concen: 141.714 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

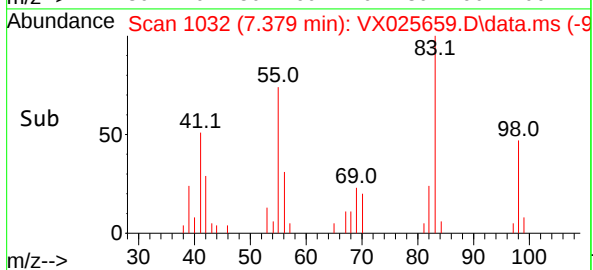
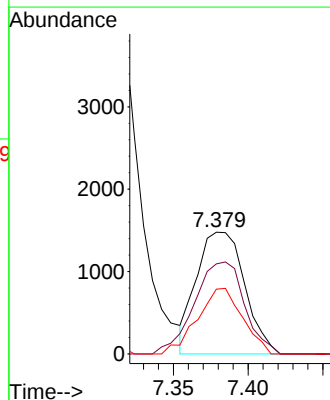
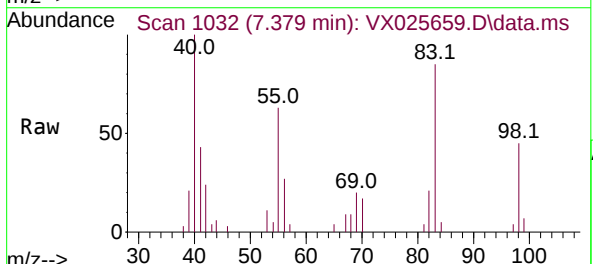
Instrument :
MSVOA_X
ClientSampleId :

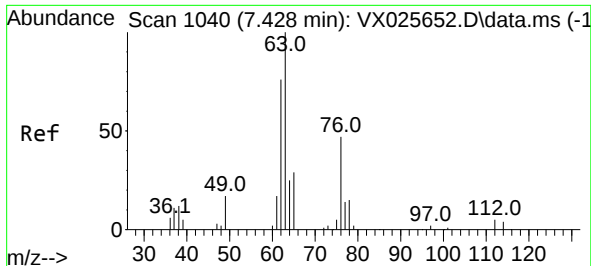
Tgt Ion: 95 Resp: 117174
Ion Ratio Lower Upper
95 100
97 62.4 46.0 85.4
132 102.6 75.0 139.2
130 105.9 77.9 144.7



#35
Methylcyclohexane
Concen: 2.540 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Tgt Ion: 83 Resp: 3306
Ion Ratio Lower Upper
83 100
55 78.6 57.3 85.9
98 50.5 41.1 61.7





#37

1,2-Dichloropropane

Concen: 5.157 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX025659.D

Acq: 09 Dec 2021 14:55

Instrument :

MSVOA_X

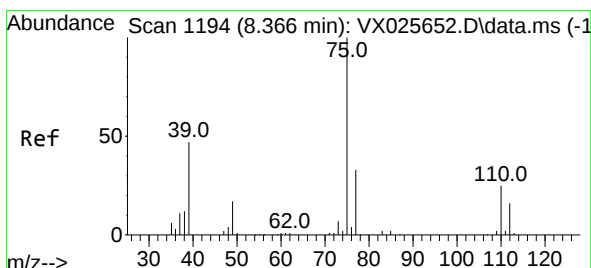
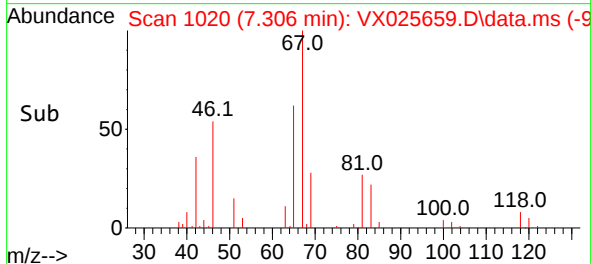
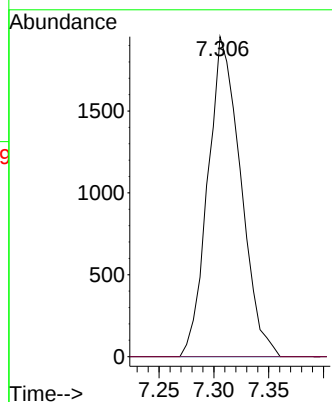
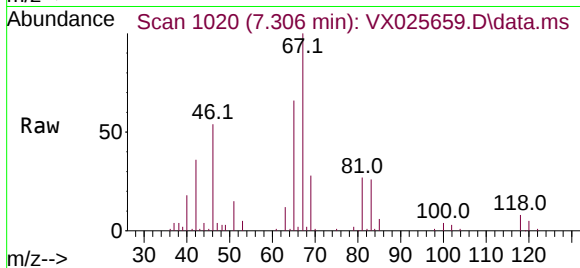
ClientSampleId :

Tgt Ion: 63 Resp: 4066

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.972 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX025659.D

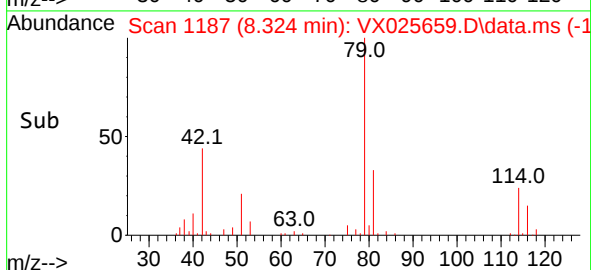
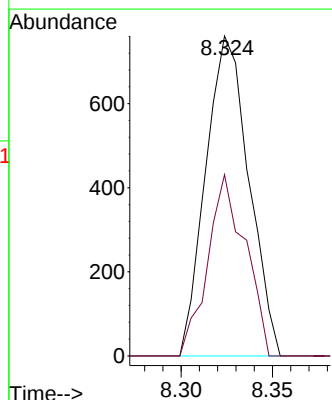
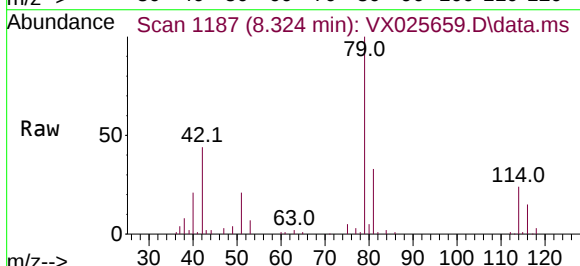
Acq: 09 Dec 2021 14:55

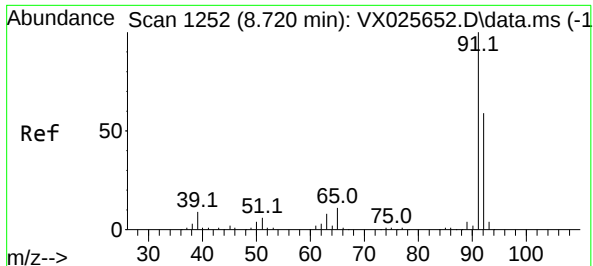
Tgt Ion: 75 Resp: 1248

Ion Ratio Lower Upper

75 100

77 56.6 22.3 41.3#

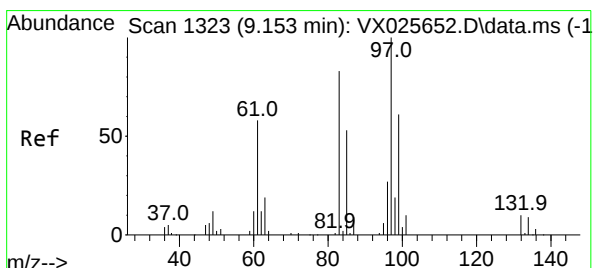
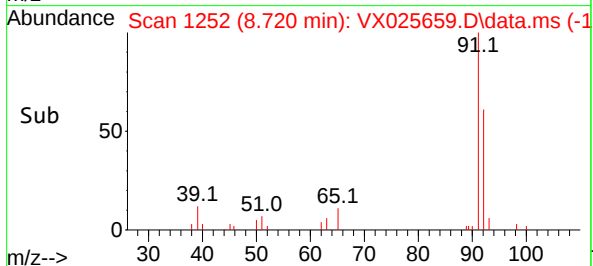
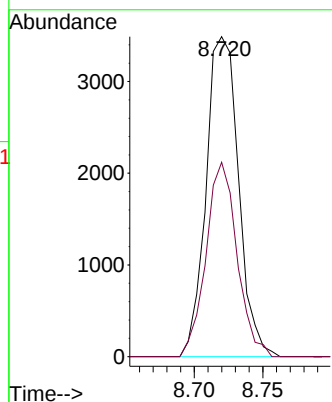
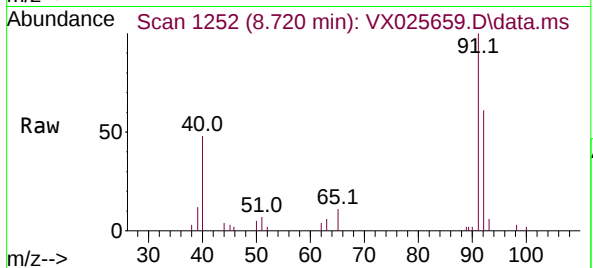




#42
Toluene
Concen: 1.658 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

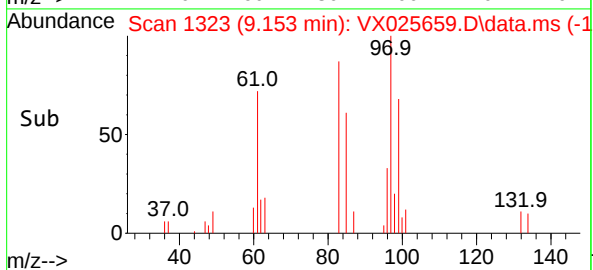
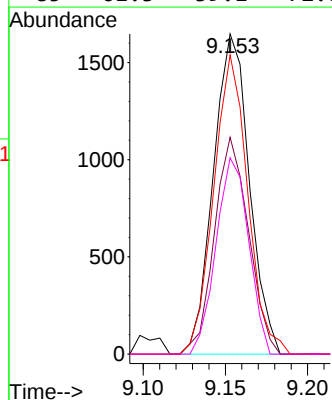
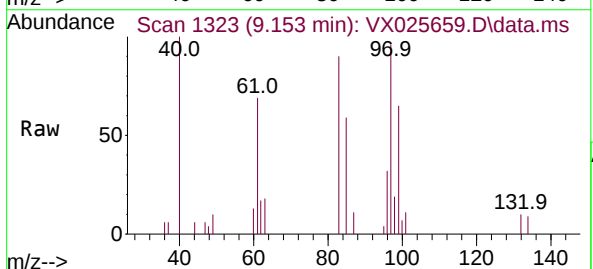
Instrument :
MSVOA_X
ClientSampleId :

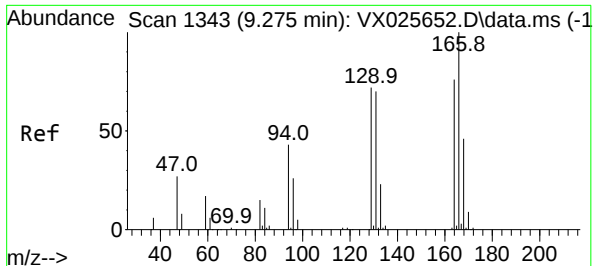
Tgt Ion: 91 Resp: 5748
Ion Ratio Lower Upper
91 100
92 60.7 41.2 76.6



#45
1,1,2-Trichloroethane
Concen: 2.997 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

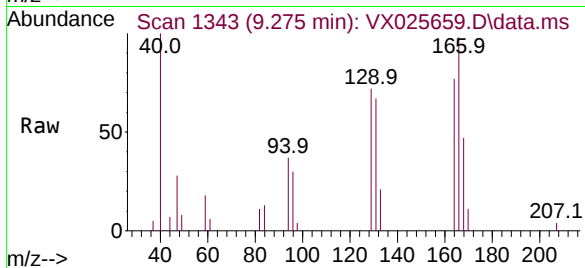
Tgt Ion: 97 Resp: 2508
Ion Ratio Lower Upper
97 100
99 67.7 46.0 85.4
83 93.4 59.6 110.8
85 61.3 39.1 72.7



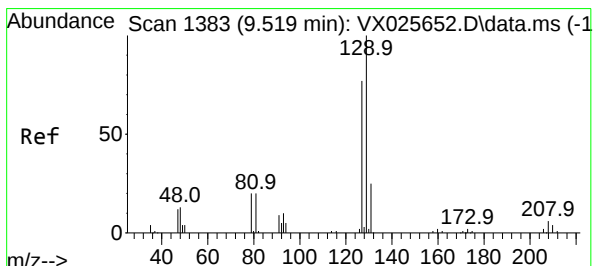
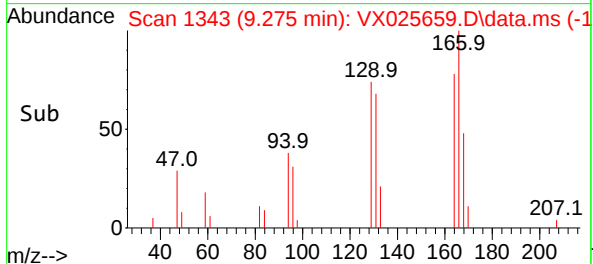
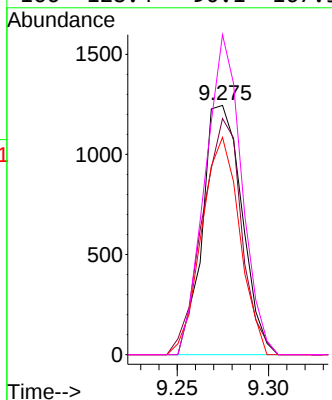


#46
Tetrachloroethene
Concen: 2.663 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :

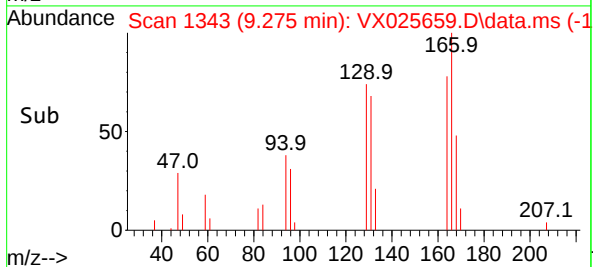
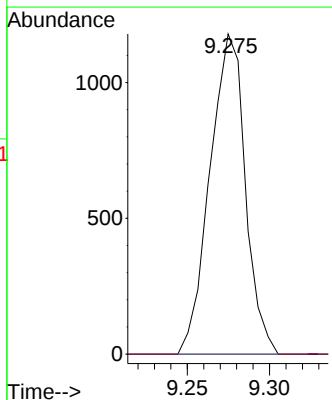
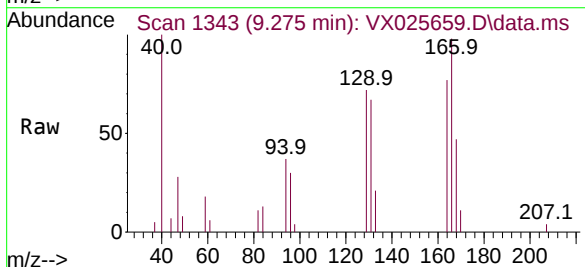


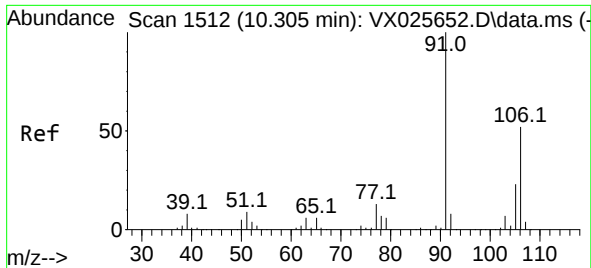
Tgt Ion:164 Resp: 1867
Ion Ratio Lower Upper
164 100
129 94.7 64.7 120.1
131 87.1 63.2 117.4
166 128.4 90.1 167.3



#49
Dibromochloromethane
Concen: 1.828 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Tgt Ion:129 Resp: 1763
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#

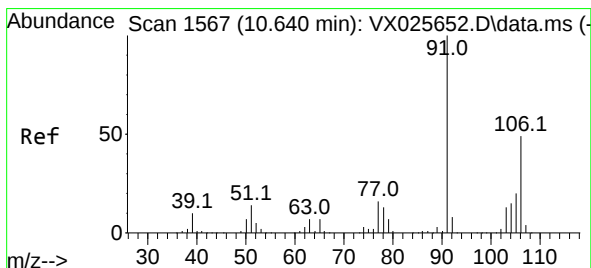
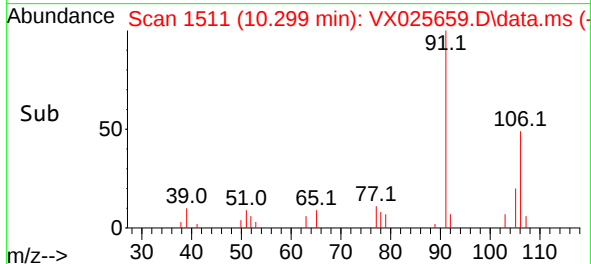
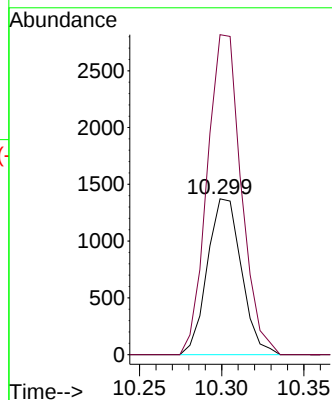
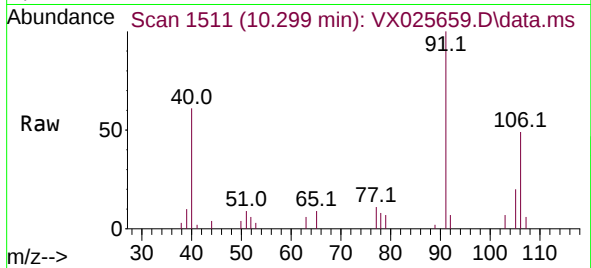




#53
m,p-Xylene
Concen: 1.310 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

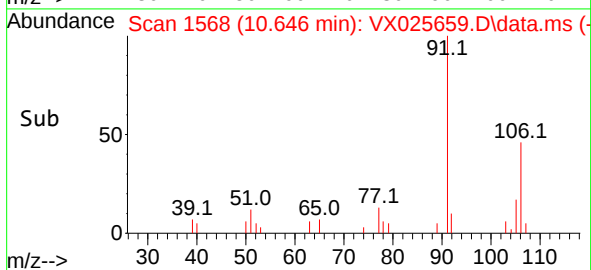
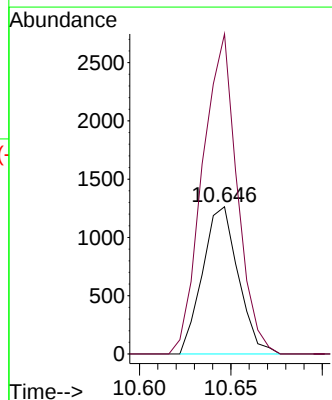
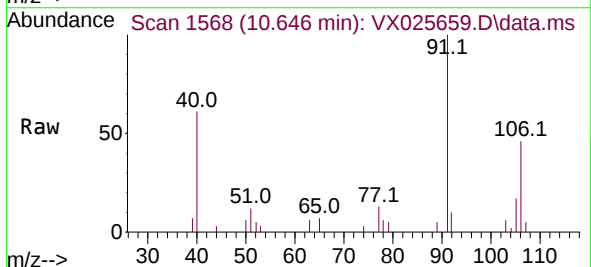
Instrument :
MSVOA_X
ClientSampleId :

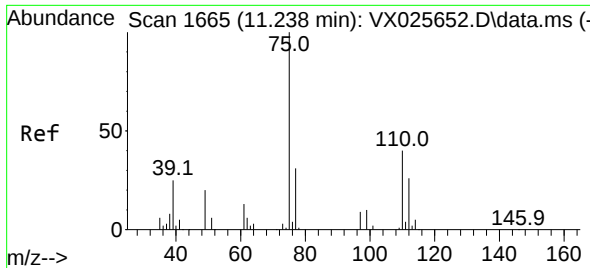
Tgt Ion:106 Resp: 1977
Ion Ratio Lower Upper
106 100
91 205.4 136.8 254.2



#54
o-Xylene
Concen: 1.137 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Tgt Ion:106 Resp: 1718
Ion Ratio Lower Upper
106 100
91 217.4 140.5 260.9

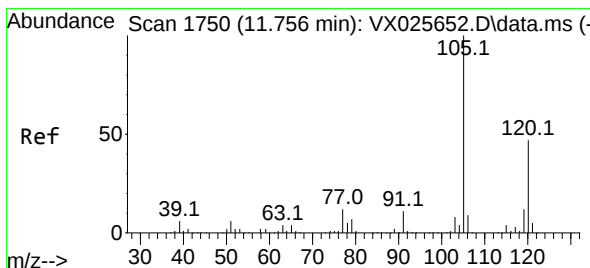
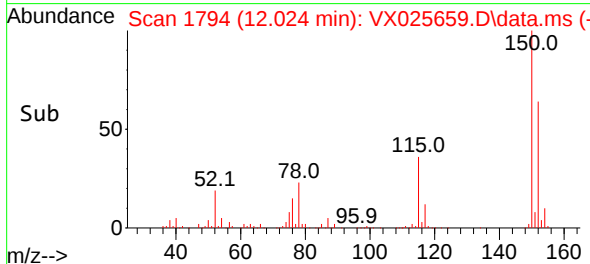
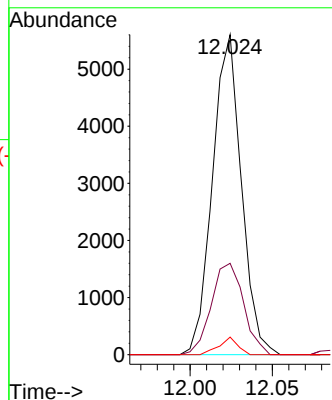
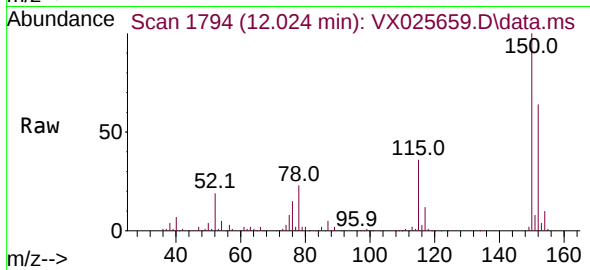




#61
 1,2,3-Trichloropropane
 Concen: 6.911 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025659.D
 Acq: 09 Dec 2021 14:55

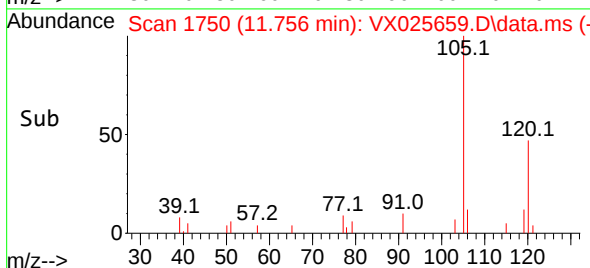
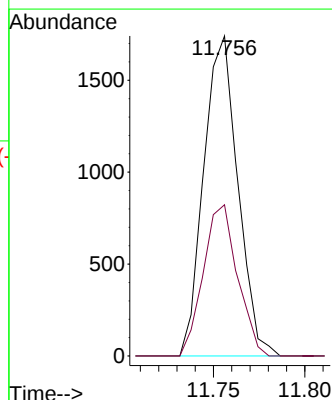
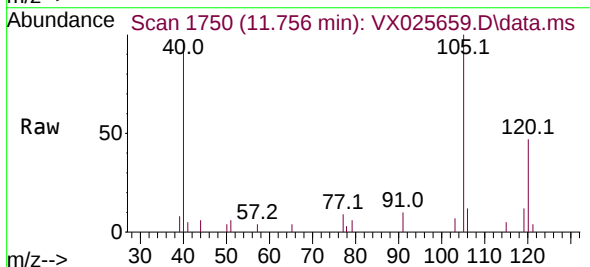
Instrument :
 MSVOA_X
 ClientSampleId :

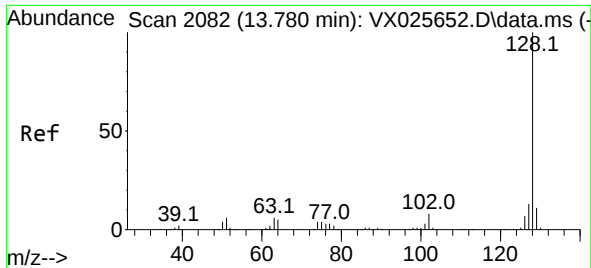
Tgt Ion: 75 Resp: 6852
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 110 3.5 34.7 52.1#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.718 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX025659.D
 Acq: 09 Dec 2021 14:55

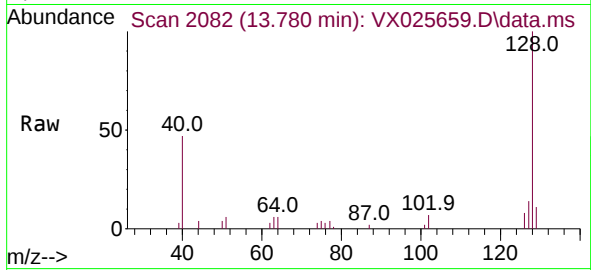
Tgt Ion: 105 Resp: 2261
 Ion Ratio Lower Upper
 105 100
 120 47.4 0.1 0.1#





#71
Naphthalene
Concen: 1.519 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 5384
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 9.9 8.7 13.1

