

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025631.D
 Acq On : 08 Dec 2021 19:53
 Operator : JC/MD
 Sample : M4883-19ME
 Misc : 3.97g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:30:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

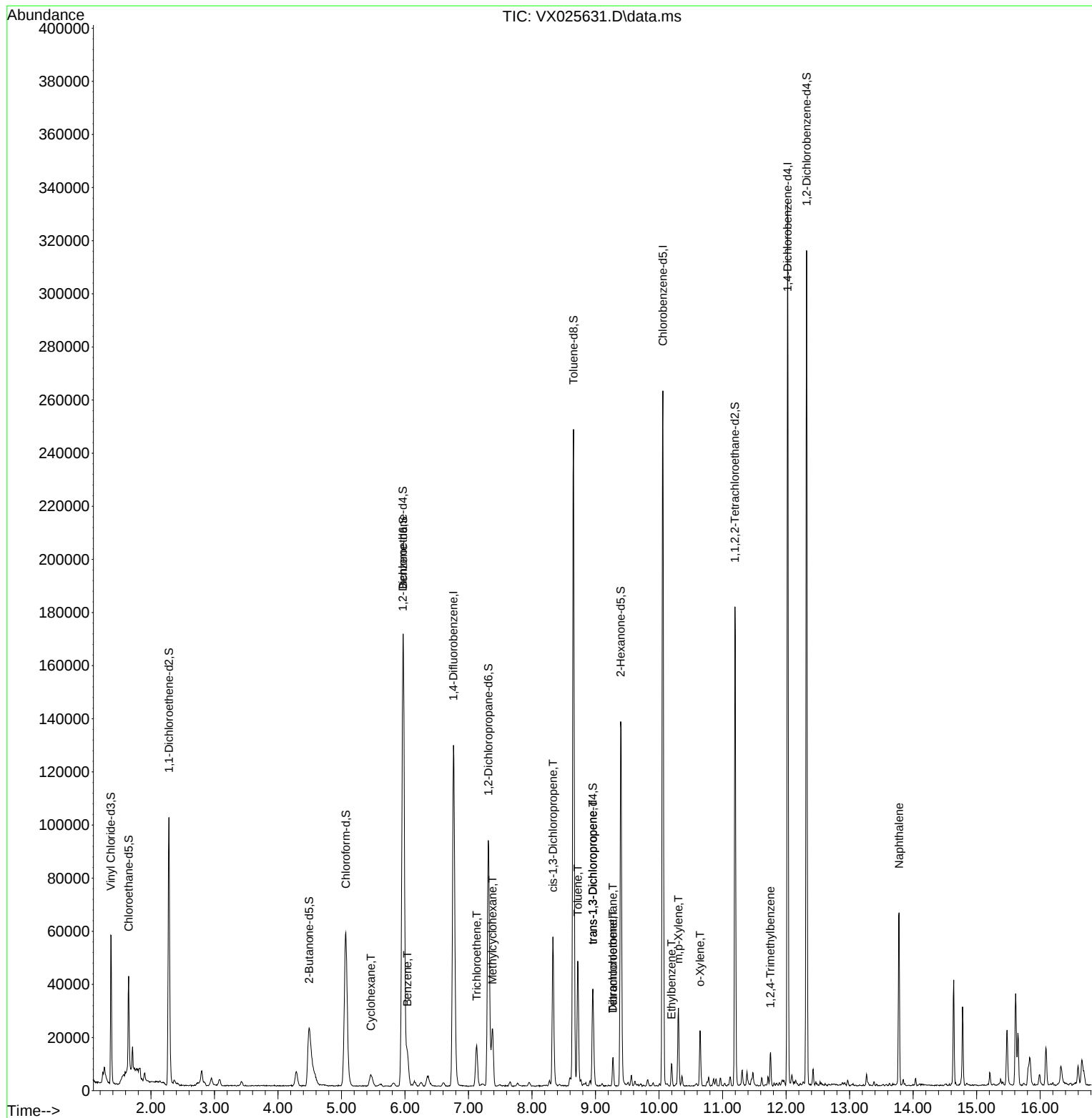
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147752	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	133767	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40827	40.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.980%
7) Chloroethane-d5	1.648	69	21960	26.387	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.780%#
11) 1,1-Dichloroethene-d2	2.282	63	58838	36.596	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.200%
21) 2-Butanone-d5	4.489	46	64084	85.376	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.380%
24) Chloroform-d	5.068	84	77108	43.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.500%
26) 1,2-Dichloroethane-d4	5.964	65	51398	46.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
32) Benzene-d6	5.970	84	168723	47.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
36) 1,2-Dichloropropane-d6	7.312	67	51007	46.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.940%
41) Toluene-d8	8.653	98	155378	46.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.860%
43) trans-1,3-Dichloroprop...	8.958	79	19955	36.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.320%
47) 2-Hexanone-d5	9.397	63	46399	81.206	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.210%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	67856	43.742	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.480%
66) 1,2-Dichlorobenzene-d4	12.323	152	64274	47.005	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
29) Cyclohexane	5.464	56	3099	2.261	ug/L #	89
33) Benzene	6.038	78	14488	4.054	ug/L	100
34) Trichloroethene	7.129	95	5598	5.956	ug/L	93
35) Methylcyclohexane	7.379	83	9752	6.592	ug/L	96
39) cis-1,3-Dichloropropene	8.330	75	1425	0.976	ug/L #	70
42) Toluene	8.720	91	33118	8.403	ug/L	98
44) trans-1,3-Dichloropropene	8.958	75	992	0.707	ug/L	85
46) Tetrachloroethene	9.275	164	2050	2.572	ug/L	91
49) Dibromochloromethane	9.275	129	1926	1.757	ug/L #	12
52) Ethylbenzene	10.195	91	5237	1.236	ug/L	98
53) m,p-Xylene	10.305	106	7152	4.169	ug/L	92
54) o-Xylene	10.646	106	4746	2.763	ug/L	93
63) 1,2,4-Trimethylbenzene	11.756	105	5120	1.352	ug/L #	81
71) Naphthalene	13.780	128	42603	9.991	ug/L	100

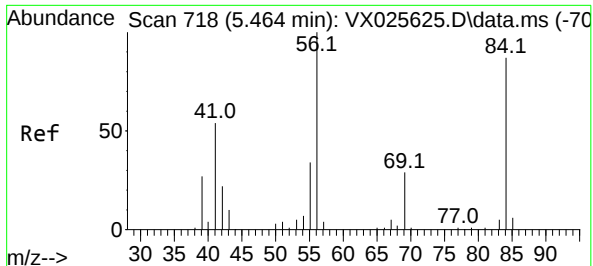
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration





#29

Cyclohexane

Concen: 2.261 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

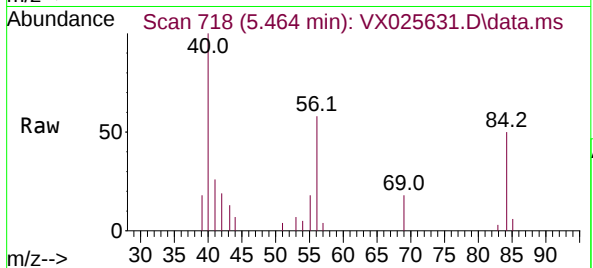
Lab File: VX025631.D

Acq: 08 Dec 2021 19:53

Instrument :

MSVOA_X

ClientSampleId :



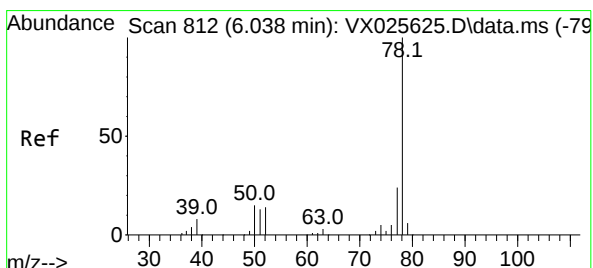
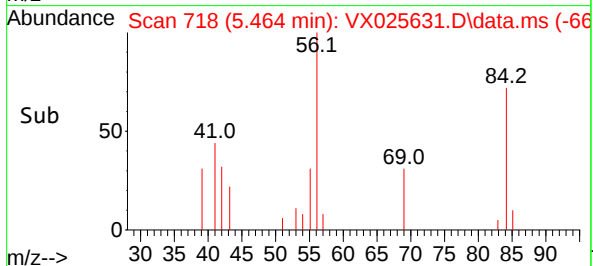
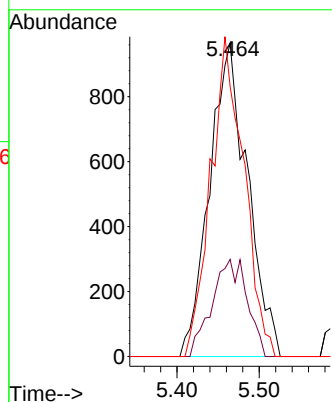
Tgt Ion: 56 Resp: 3099

Ion Ratio Lower Upper

56 100

69 19.3 25.4 38.2#

84 88.9 76.6 114.8



#33

Benzene

Concen: 4.054 ug/L

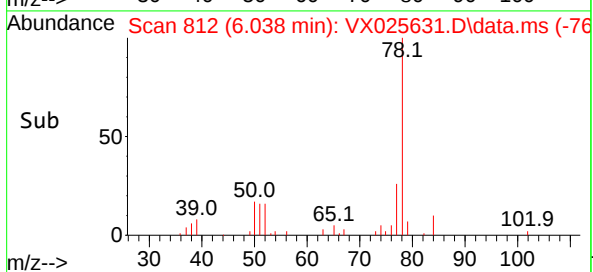
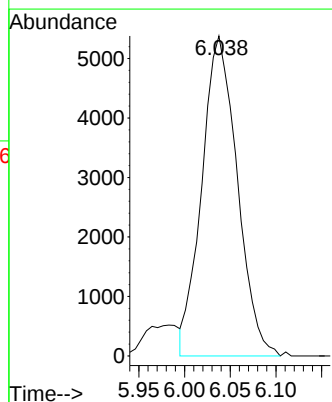
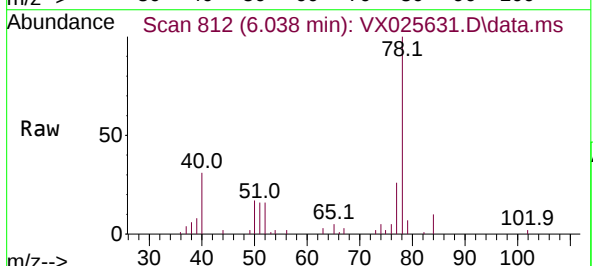
RT: 6.038 min Scan# 812

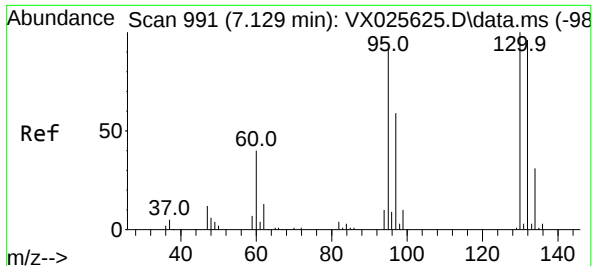
Delta R.T. 0.000 min

Lab File: VX025631.D

Acq: 08 Dec 2021 19:53

Tgt Ion: 78 Resp: 14488



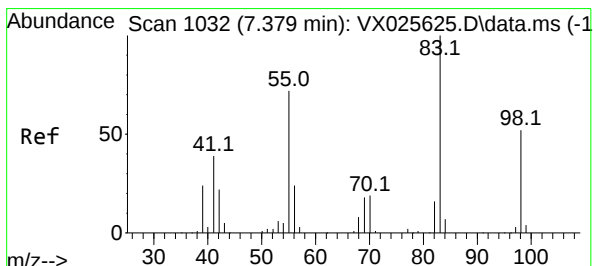
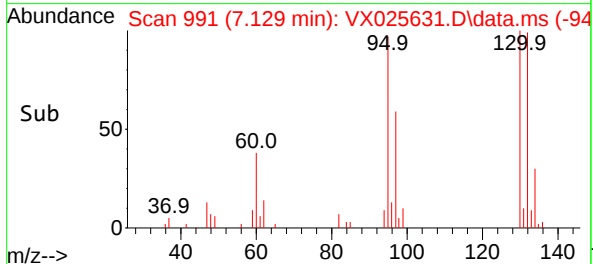
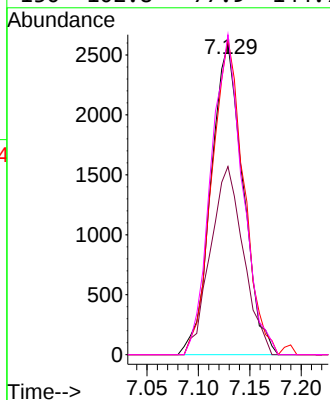
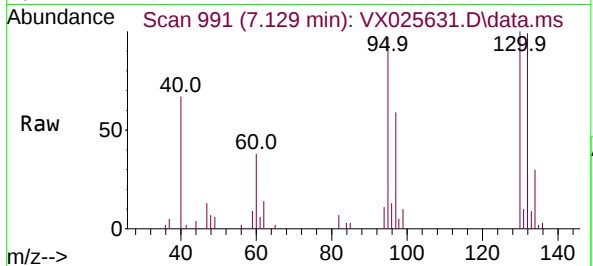


#34
Trichloroethene
Concen: 5.956 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025631.D
Acq: 08 Dec 2021 19:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 5598

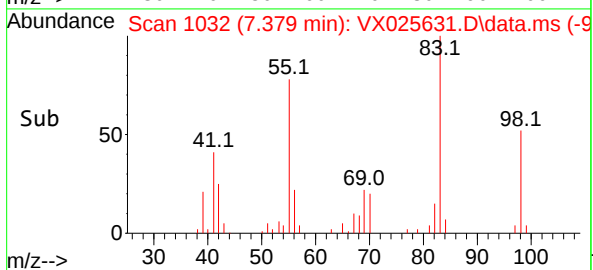
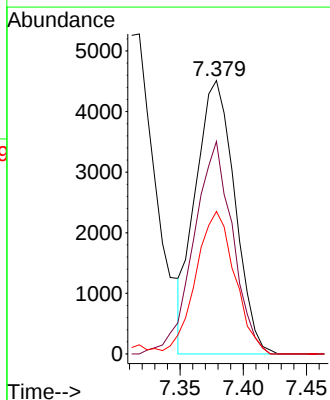
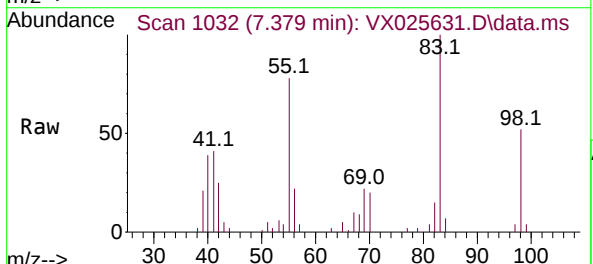
Ion	Ratio	Lower	Upper
95	100		
97	60.4	46.0	85.4
132	101.5	75.0	139.2
130	102.8	77.9	144.7

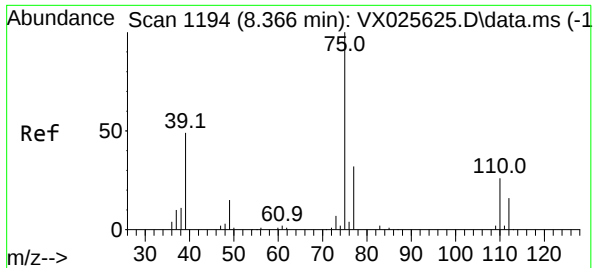


#35
Methylcyclohexane
Concen: 6.592 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025631.D
Acq: 08 Dec 2021 19:53

Tgt Ion: 83 Resp: 9752

Ion	Ratio	Lower	Upper
83	100		
55	76.7	57.3	85.9
98	51.7	41.1	61.7





#39

cis-1,3-Dichloropropene

Concen: 0.976 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025631.D

Acq: 08 Dec 2021 19:53

Instrument :

MSVOA_X

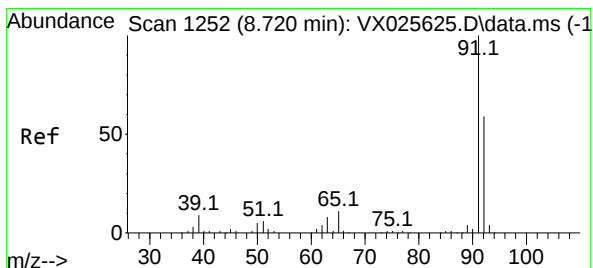
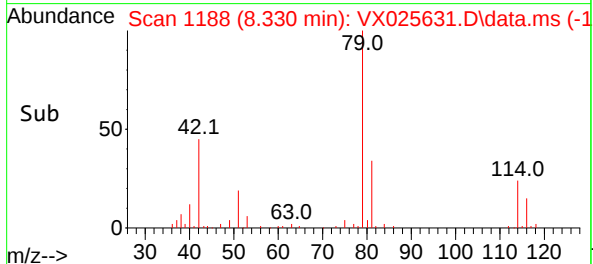
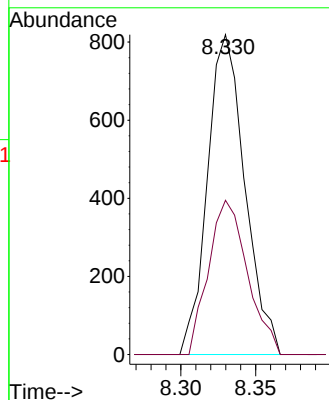
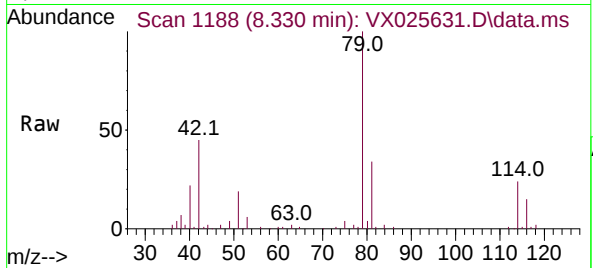
ClientSampleId :

Tgt Ion: 75 Resp: 1425

Ion Ratio Lower Upper

75 100

77 48.2 22.3 41.3#



#42

Toluene

Concen: 8.403 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025631.D

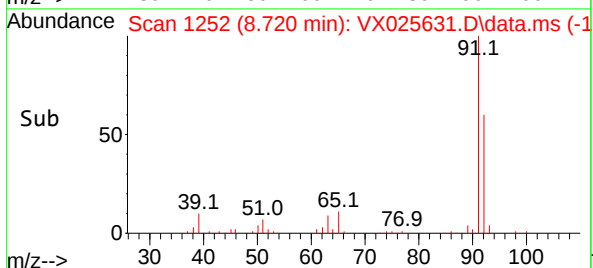
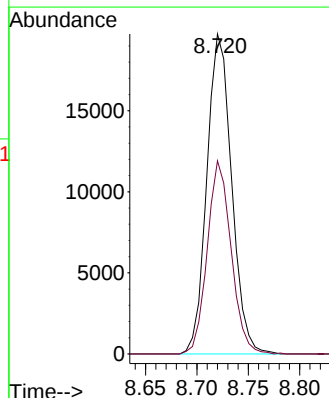
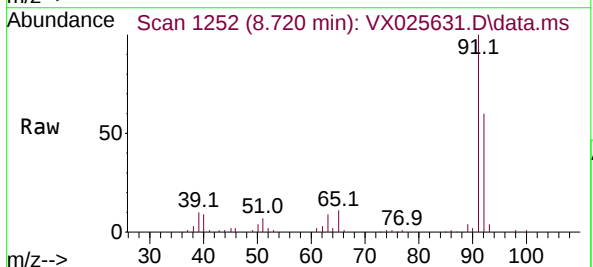
Acq: 08 Dec 2021 19:53

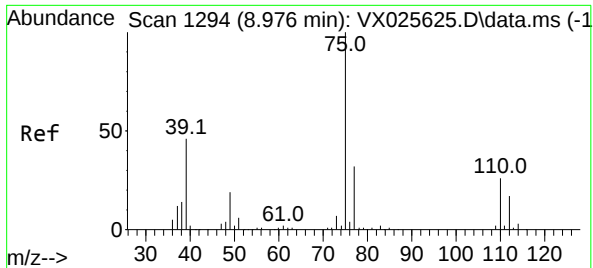
Tgt Ion: 91 Resp: 33118

Ion Ratio Lower Upper

91 100

92 60.3 41.2 76.6

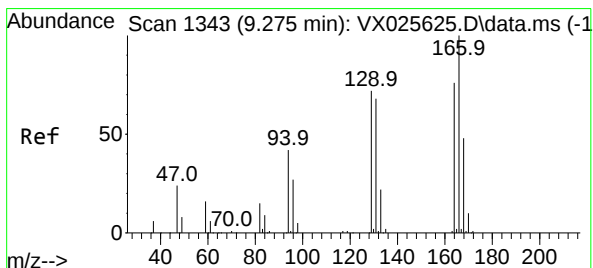
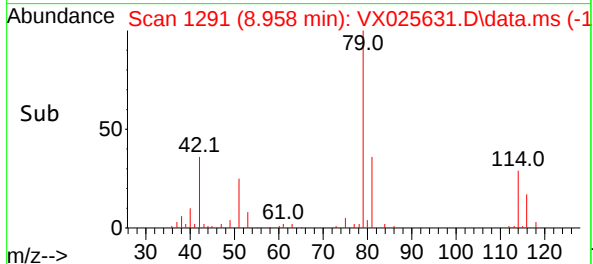
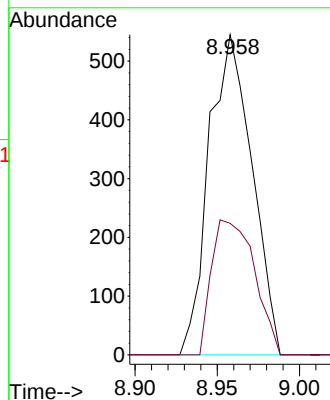
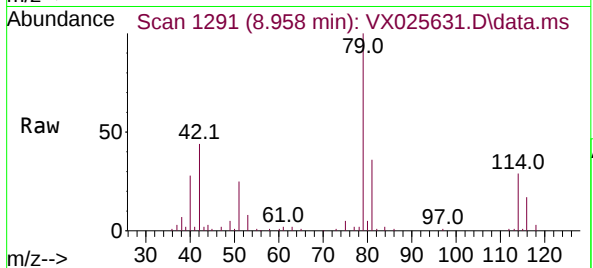




#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025631.D
Acq: 08 Dec 2021 19:53

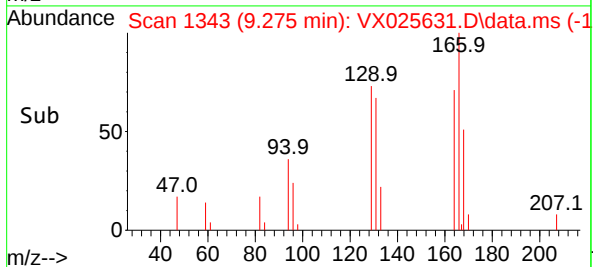
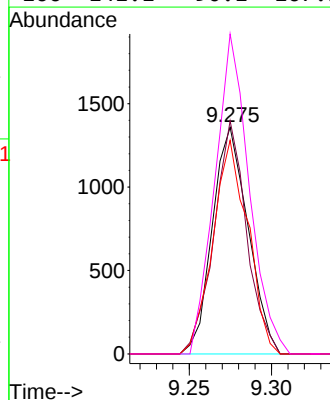
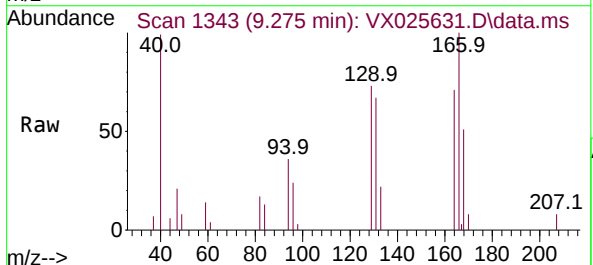
Instrument :
MSVOA_X
ClientSampleId :

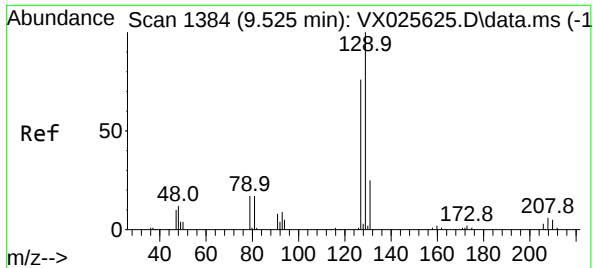
Tgt Ion: 75 Resp: 992
Ion Ratio Lower Upper
75 100
77 41.1 23.0 42.8



#46
Tetrachloroethene
Concen: 2.572 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025631.D
Acq: 08 Dec 2021 19:53

Tgt Ion: 164 Resp: 2050
Ion Ratio Lower Upper
164 100
129 102.8 64.7 120.1
131 94.2 63.2 117.4
166 141.1 90.1 167.3





#49

Dibromochloromethane

Concen: 1.757 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX025631.D

Acq: 08 Dec 2021 19:53

Instrument :

MSVOA_X

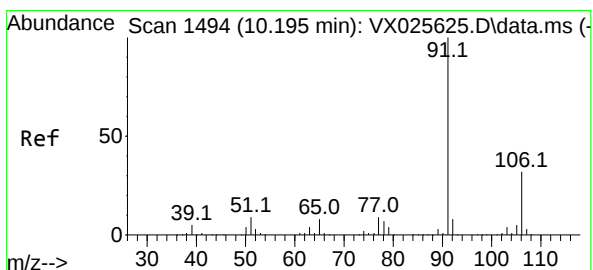
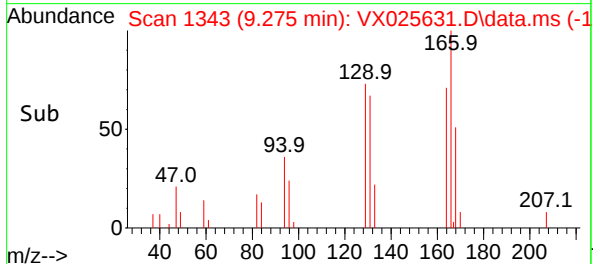
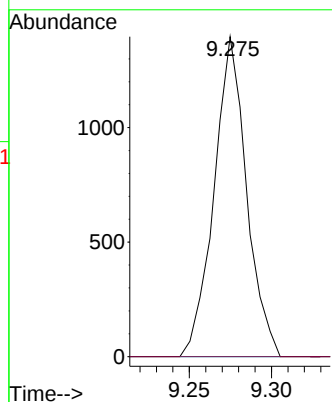
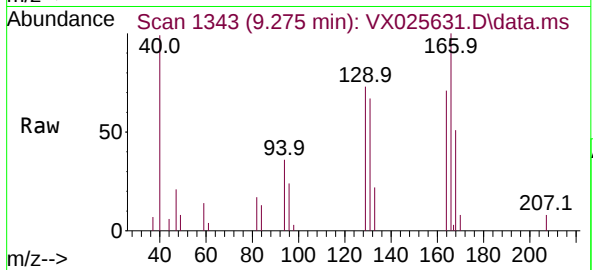
ClientSampleId :

Tgt Ion:129 Resp: 1926

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#52

Ethylbenzene

Concen: 1.236 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025631.D

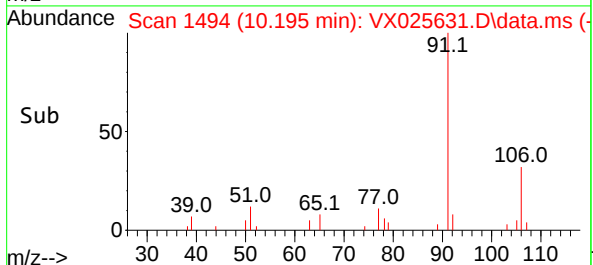
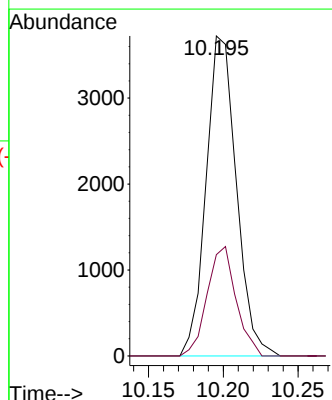
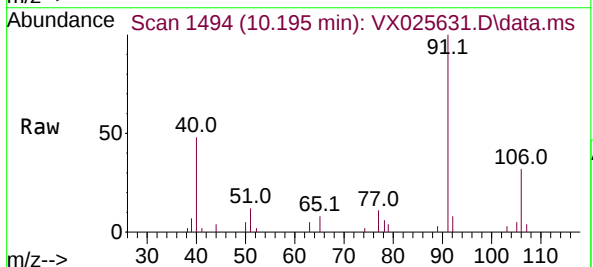
Acq: 08 Dec 2021 19:53

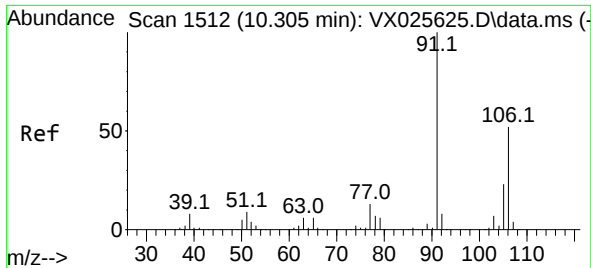
Tgt Ion: 91 Resp: 5237

Ion Ratio Lower Upper

91 100

106 31.7 23.1 42.9

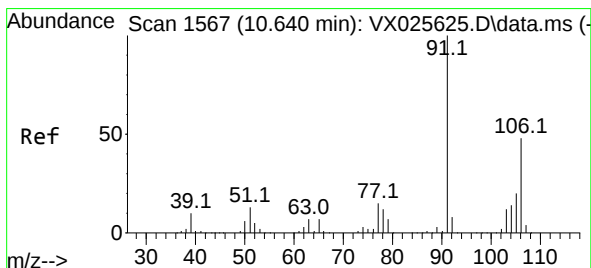
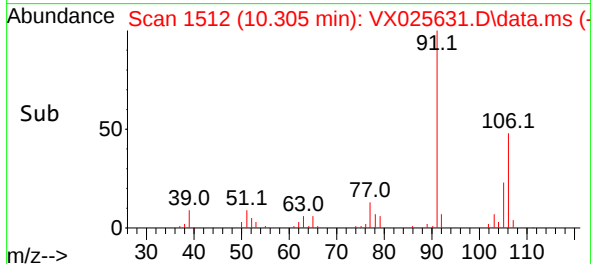
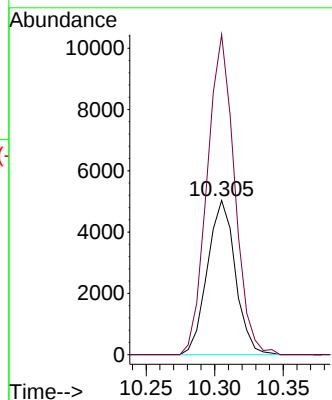
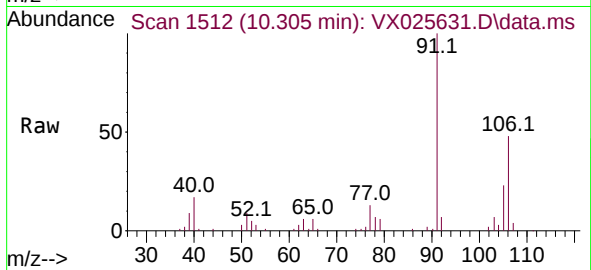




#53
m,p-Xylene
Concen: 4.169 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025631.D
Acq: 08 Dec 2021 19:53

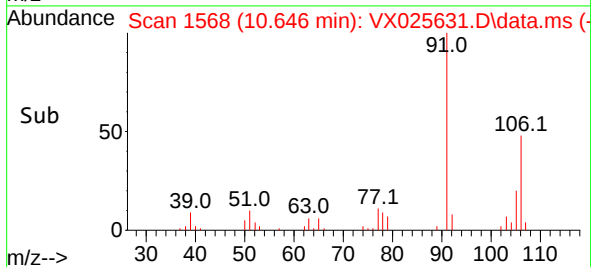
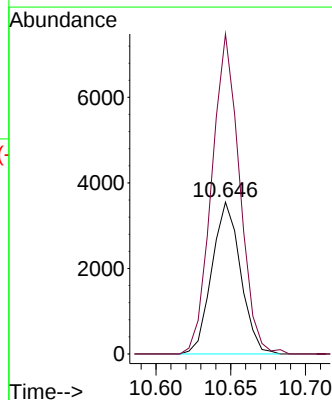
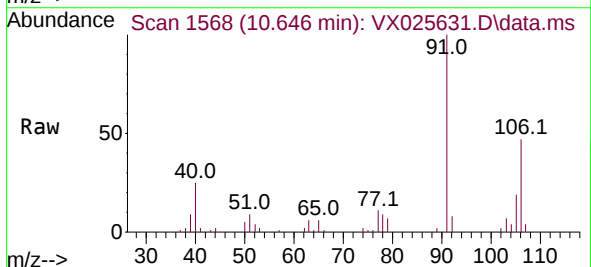
Instrument :
MSVOA_X
ClientSampleId :

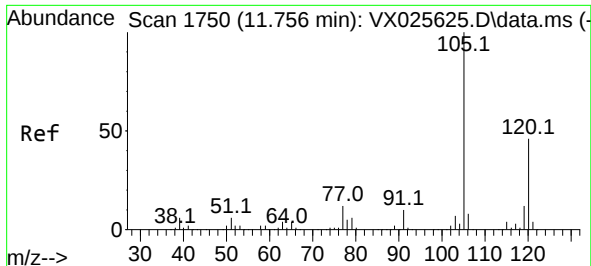
Tgt Ion:106 Resp: 7152
Ion Ratio Lower Upper
106 100
91 207.5 136.8 254.2



#54
o-Xylene
Concen: 2.763 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025631.D
Acq: 08 Dec 2021 19:53

Tgt Ion:106 Resp: 4746
Ion Ratio Lower Upper
106 100
91 210.8 140.5 260.9





#63

1,2,4-Trimethylbenzene

Concen: 1.352 ug/L

RT: 11.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025631.D

Acq: 08 Dec 2021 19:53

Instrument :

MSVOA_X

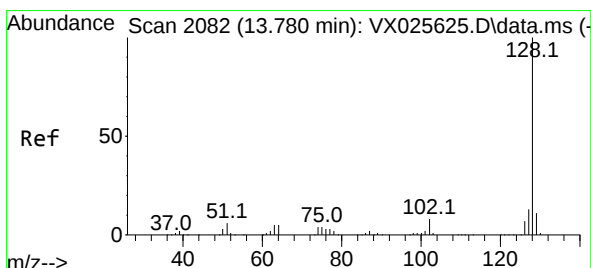
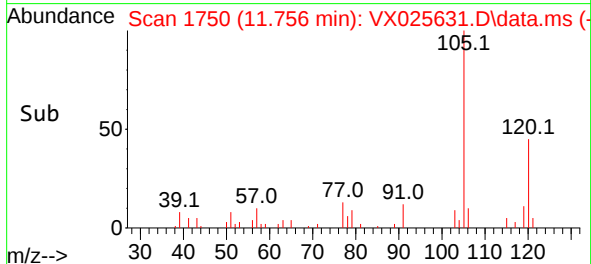
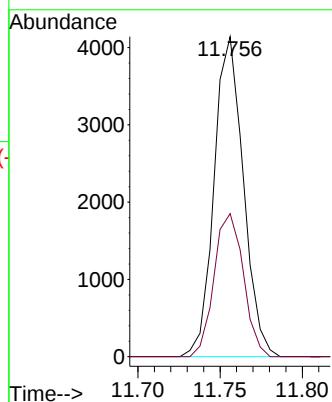
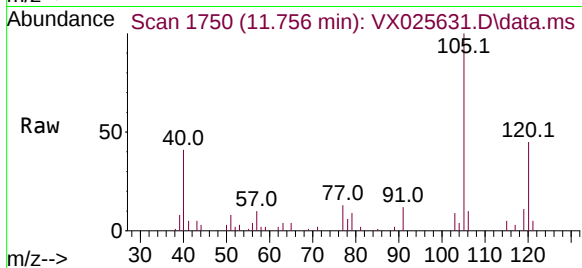
ClientSampleId :

Tgt Ion:105 Resp: 5120

Ion Ratio Lower Upper

105 100

120 44.8 0.1 0.1#



#71

Naphthalene

Concen: 9.991 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025631.D

Acq: 08 Dec 2021 19:53

Tgt Ion:128 Resp: 42603

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.9 8.7 13.1

