

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026115.D
 Acq On : 28 Dec 2021 22:19
 Operator : JC/MD
 Sample : M5216-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

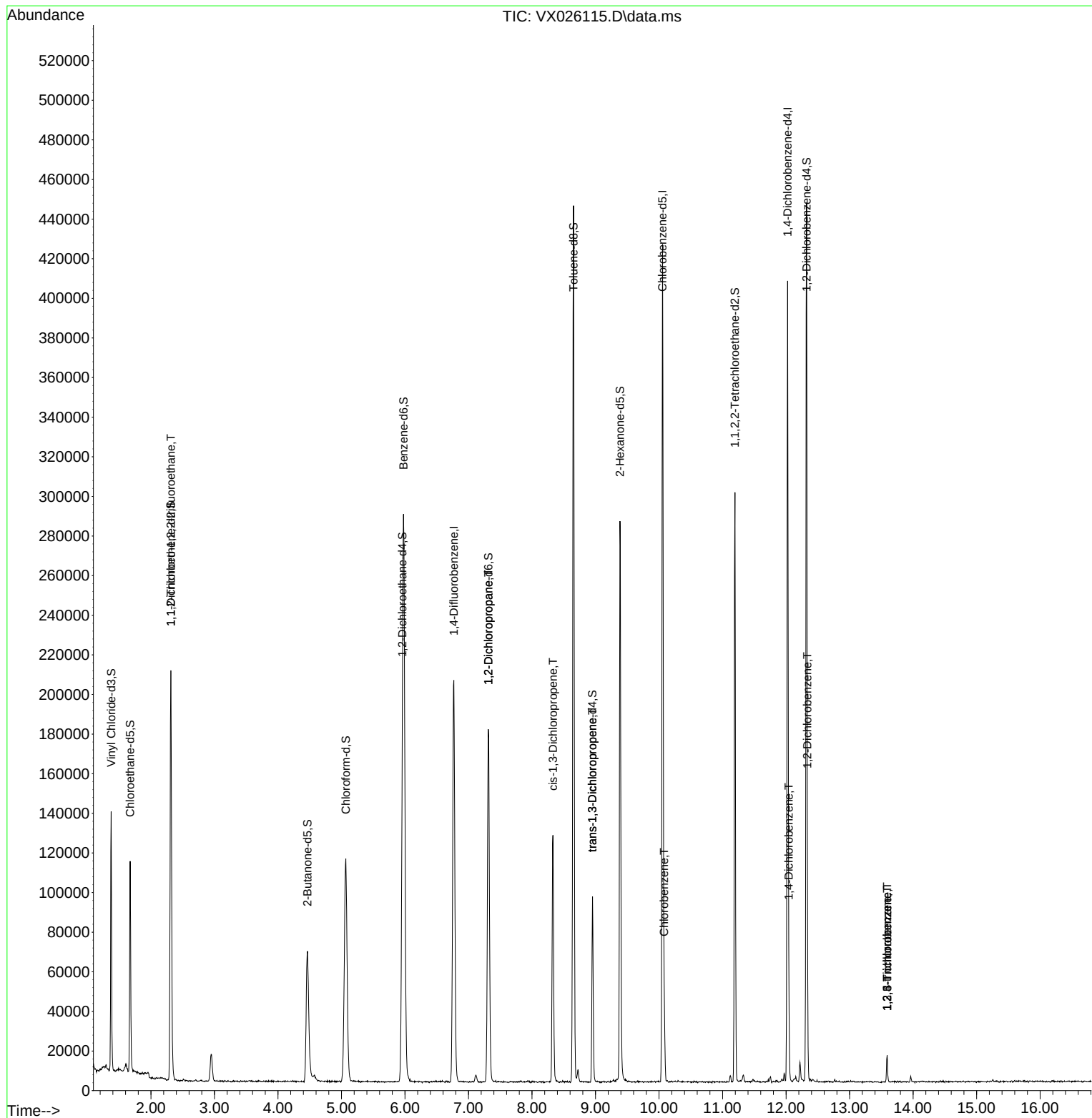
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	199132	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	81556	52.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.540%
7) Chloroethane-d5	1.672	69	63041	56.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.220%
11) 1,1-Dichloroethene-d2	2.312	63	116102	41.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.300%
21) 2-Butanone-d5	4.464	46	120493	112.823	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.820%
24) Chloroform-d	5.068	84	136985	52.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.380%
26) 1,2-Dichloroethane-d4	5.958	65	93324	54.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.700%
32) Benzene-d6	5.976	84	272274	54.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.220%
36) 1,2-Dichloropropane-d6	7.311	67	84627	54.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.740%
41) Toluene-d8	8.653	98	244402	53.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.520%
43) trans-1,3-Dichloroprop...	8.951	79	39563	52.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.140%
47) 2-Hexanone-d5	9.384	63	78410	108.014	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.010%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110090	53.144	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	12.323	152	81726	56.014	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.020%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	1094	0.838	ug/L #	20
37) 1,2-Dichloropropane	7.311	63	9835	7.414	ug/L #	86
39) cis-1,3-Dichloropropene	8.329	75	3342	1.634	ug/L #	74
44) trans-1,3-Dichloropropene	8.951	75	2072	1.057	ug/L #	82
51) Chlorobenzene	10.079	112	15636	4.621	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	11020	4.801	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	8507	3.811	ug/L	96
69) 1,3,5-Trichlorobenzene	13.591	180	2919	1.917	ug/L	93
70) 1,2,4-trichlorobenzene	13.591	180	2919	2.130	ug/L	91
72) 1,2,3-Trichlorobenzene	13.591	180	2847	2.047	ug/L	96

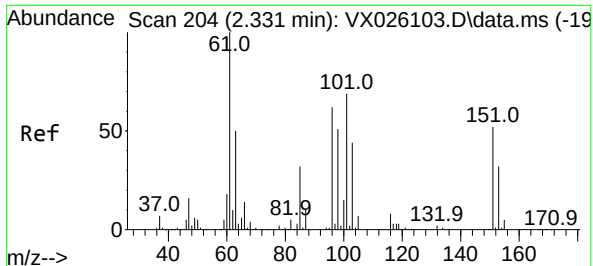
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 29 04:20:17 2021
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.838 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.019 min

Lab File: VX026115.D

Acq: 28 Dec 2021 22:19

Instrument :

MSVOA_X

ClientSampleId :

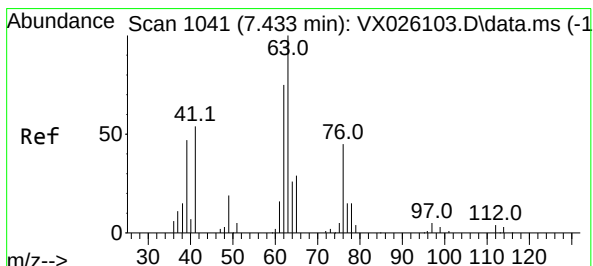
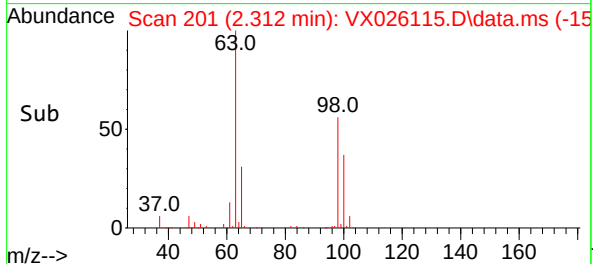
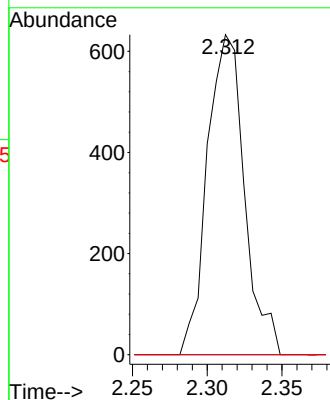
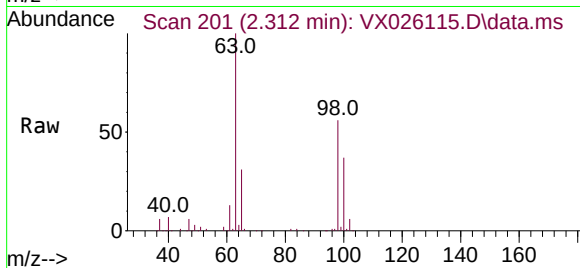
Tgt Ion:101 Resp: 1094

Ion Ratio Lower Upper

101 100

85 0.0 36.6 55.0#

151 0.0 58.5 87.7#



#37

1,2-Dichloropropane

Concen: 7.414 ug/L

RT: 7.311 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX026115.D

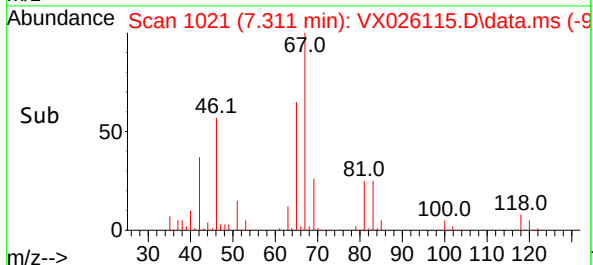
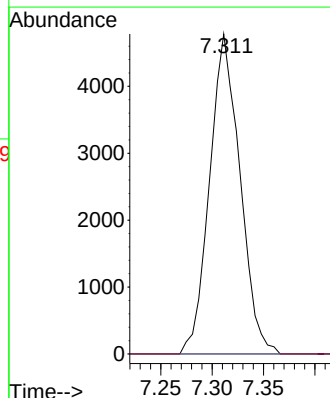
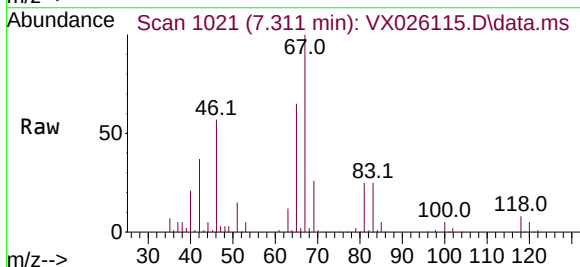
Acq: 28 Dec 2021 22:19

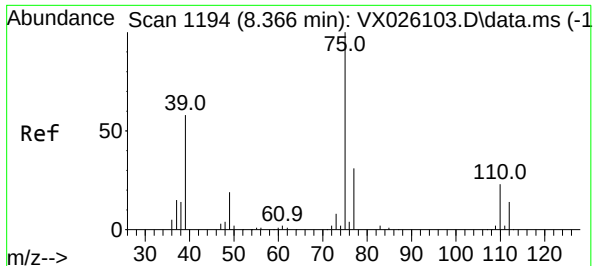
Tgt Ion: 63 Resp: 9835

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#

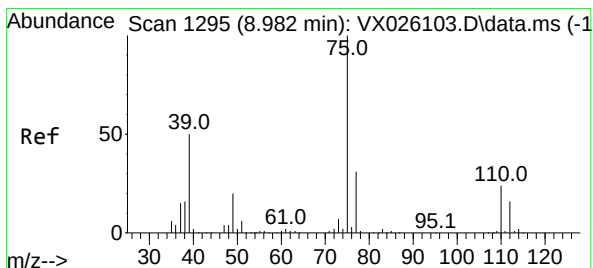
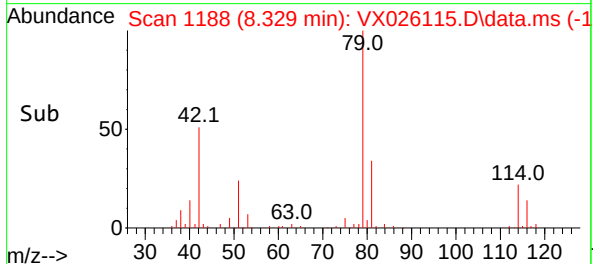
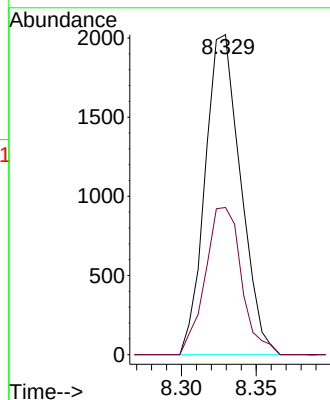
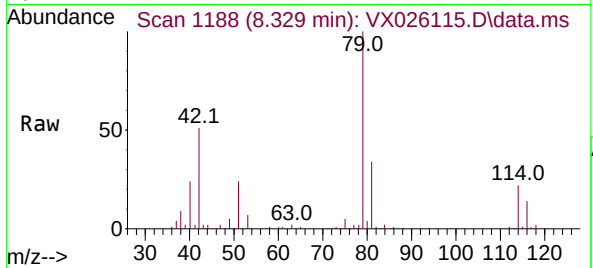




#39
 cis-1,3-Dichloropropene
 Concen: 1.634 ug/L
 RT: 8.329 min Scan# 1194
 Delta R.T. -0.037 min
 Lab File: VX026115.D
 Acq: 28 Dec 2021 22:19

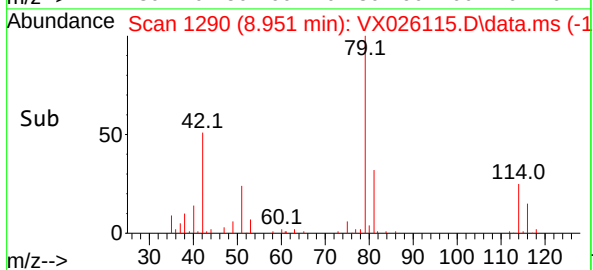
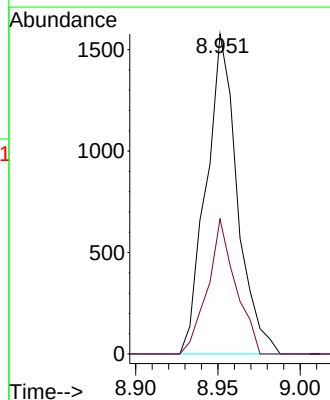
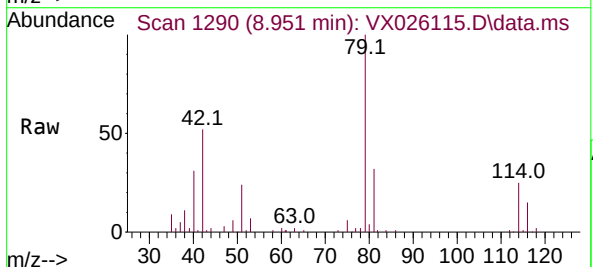
Instrument :
 MSVOA_X
 ClientSampleId :

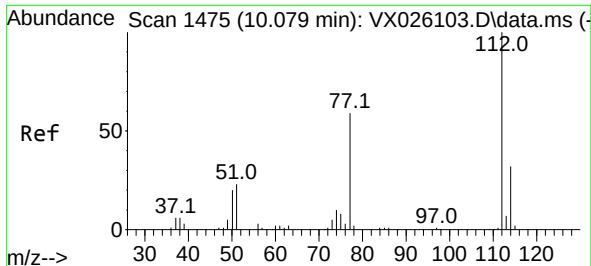
Tgt Ion: 75 Resp: 3342
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 1.057 ug/L
 RT: 8.951 min Scan# 1290
 Delta R.T. -0.031 min
 Lab File: VX026115.D
 Acq: 28 Dec 2021 22:19

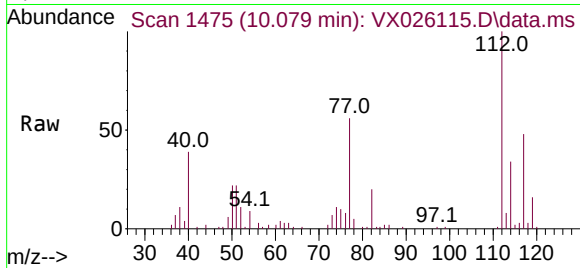
Tgt Ion: 75 Resp: 2072
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.5 41.7#



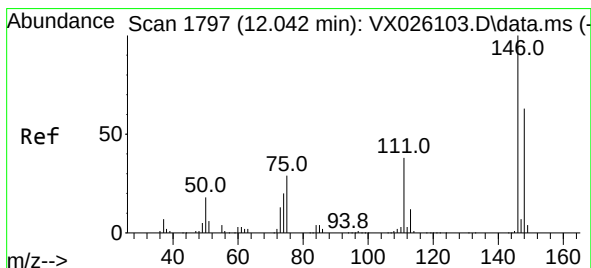
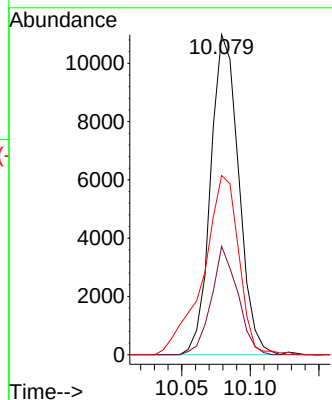
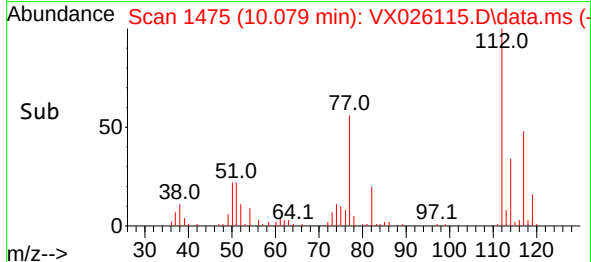


#51
Chlorobenzene
Concen: 4.621 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026115.D
Acq: 28 Dec 2021 22:19

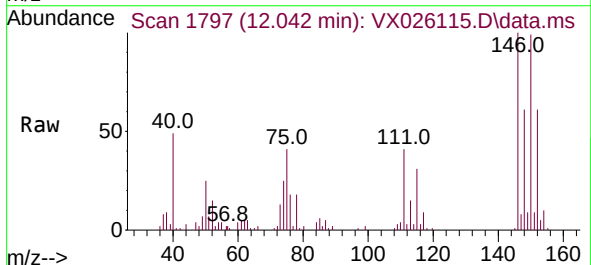
Instrument :
MSVOA_X
ClientSampleId :



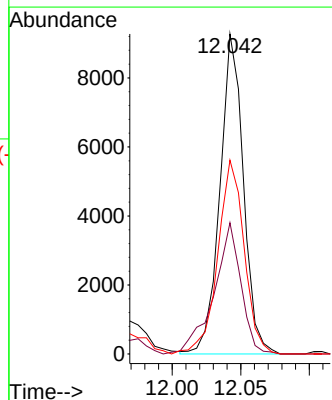
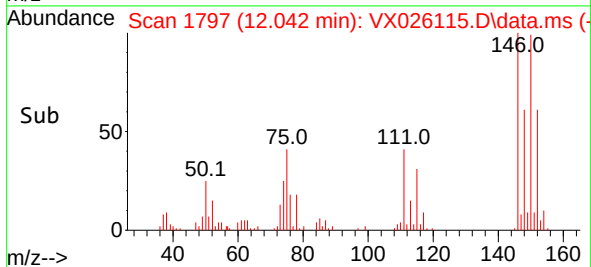
Tgt Ion:112 Resp: 15636
Ion Ratio Lower Upper
112 100
114 33.9 22.2 41.2
77 56.0 47.8 71.8

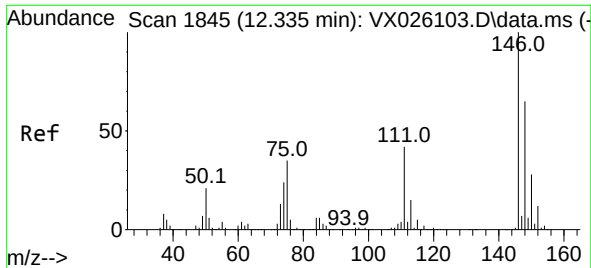


#65
1,4-Dichlorobenzene
Concen: 4.801 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026115.D
Acq: 28 Dec 2021 22:19



Tgt Ion:146 Resp: 11020
Ion Ratio Lower Upper
146 100
111 41.0 27.4 51.0
148 60.5 44.3 82.3

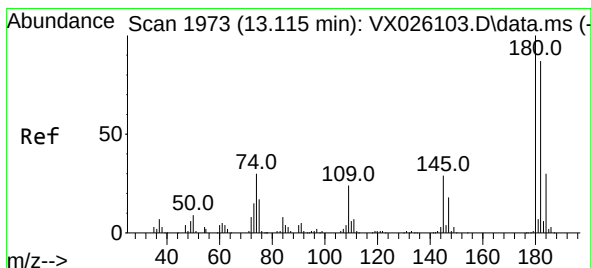
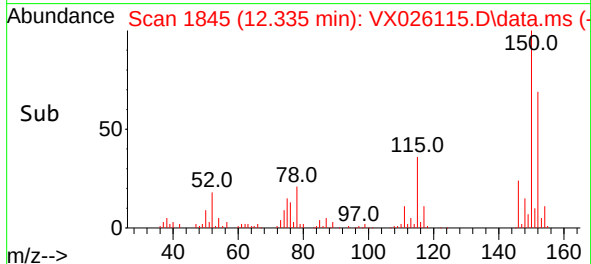
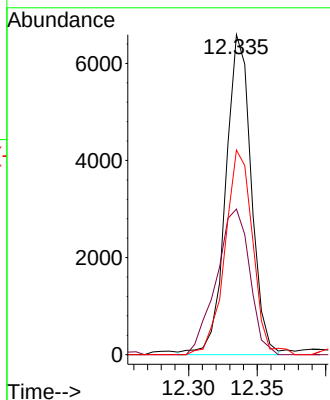
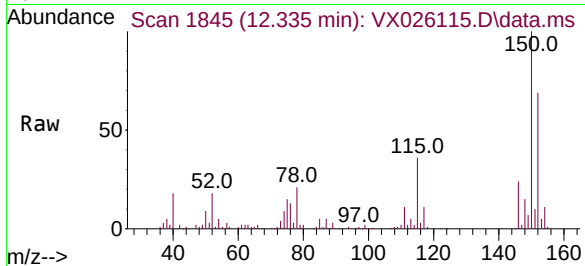




#67
 1,2-Dichlorobenzene
 Concen: 3.811 ug/L
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026115.D
 Acq: 28 Dec 2021 22:19

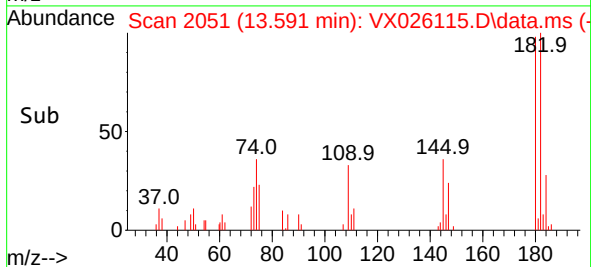
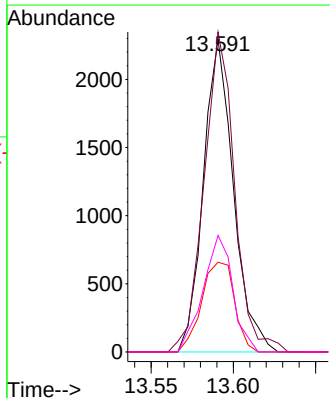
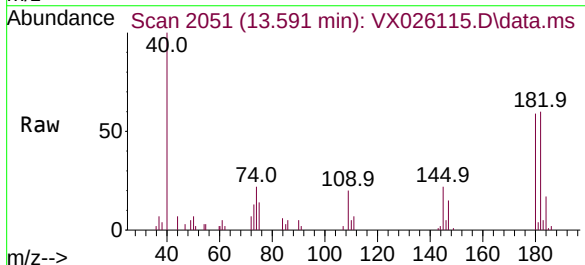
Instrument :
 MSVOA_X
 ClientSampleId :

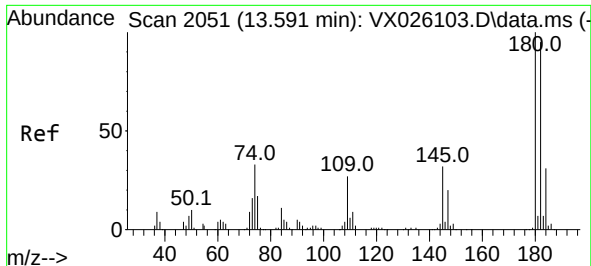
Tgt Ion:146 Resp: 8507
 Ion Ratio Lower Upper
 146 100
 111 45.5 33.1 49.7
 148 63.9 49.6 74.4



#69
 1,3,5-Trichlorobenzene
 Concen: 1.917 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.475 min
 Lab File: VX026115.D
 Acq: 28 Dec 2021 22:19

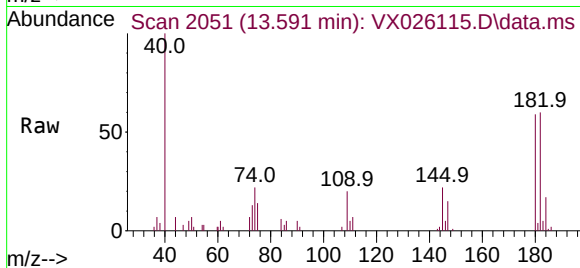
Tgt Ion:180 Resp: 2919
 Ion Ratio Lower Upper
 180 100
 182 101.7 75.4 113.2
 184 31.4 24.1 36.1
 145 36.8 24.6 37.0



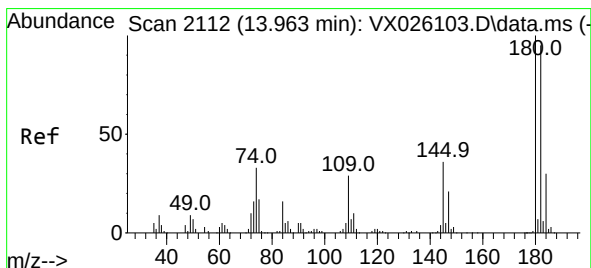
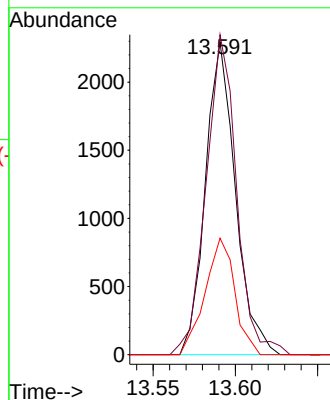
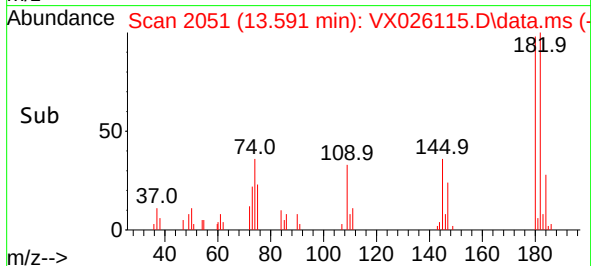


#70
1,2,4-trichlorobenzene
Concen: 2.130 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX026115.D
Acq: 28 Dec 2021 22:19

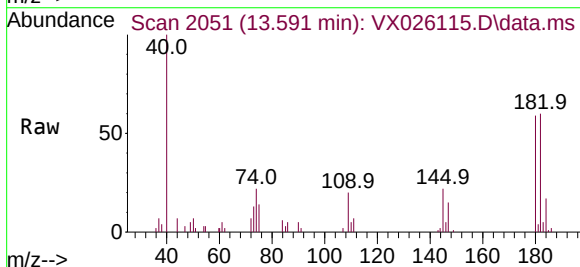
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 2919
Ion Ratio Lower Upper
180 100
182 101.7 74.8 112.2
145 36.8 24.9 37.3



#72
1,2,3-Trichlorobenzene
Concen: 2.047 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.372 min
Lab File: VX026115.D
Acq: 28 Dec 2021 22:19



Tgt Ion:180 Resp: 2847
Ion Ratio Lower Upper
180 100
182 92.6 76.6 115.0
145 35.8 26.6 39.8

