

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025935.D
 Acq On : 20 Dec 2021 23:31
 Operator : JC/MD
 Sample : M5150-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 02:06:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 21 01:32:07 2021
 Response via : Initial Calibration

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

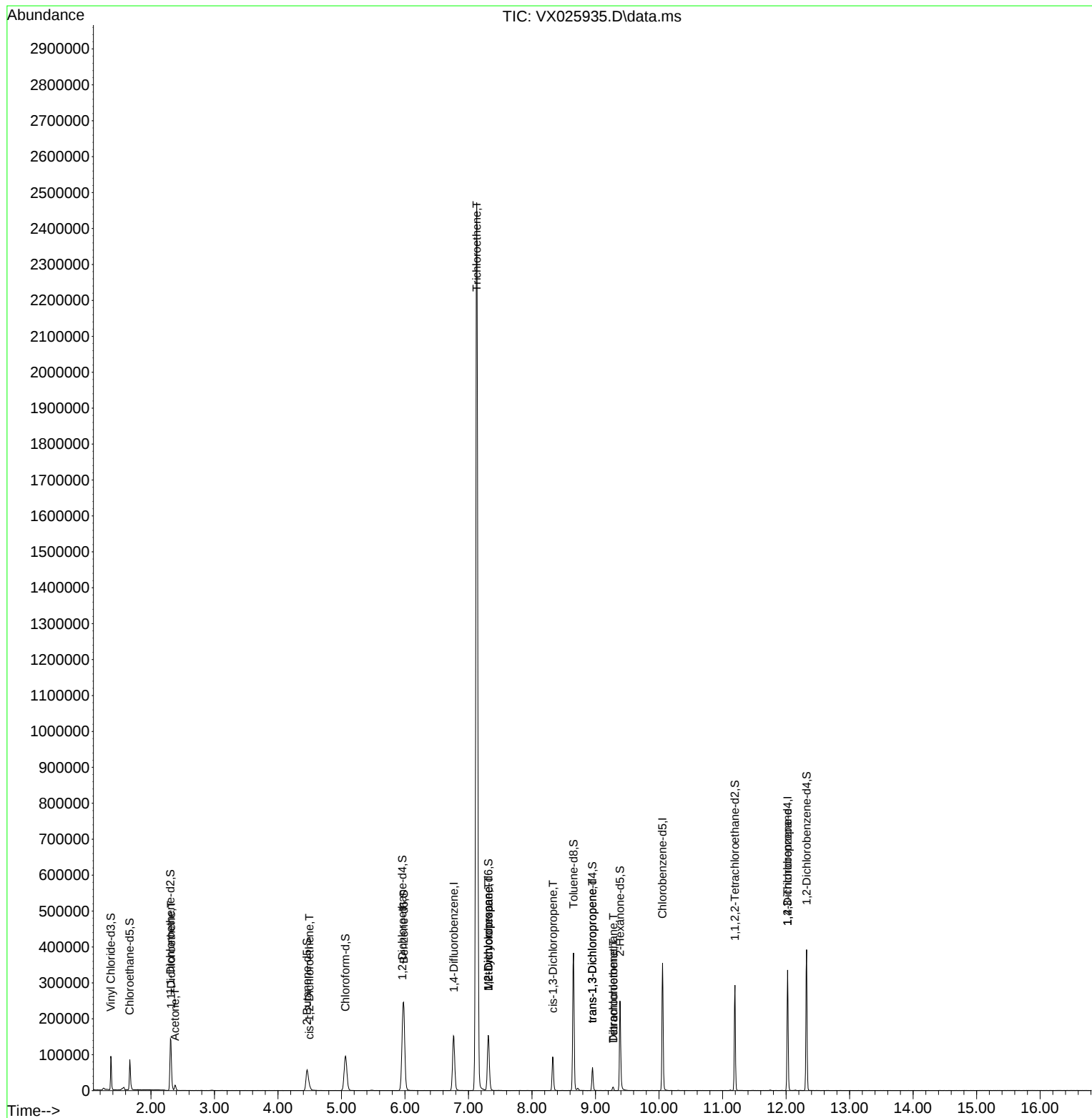
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	152923	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	151966	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	60387	48.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.960%
7) Chloroethane-d5	1.666	69	54453	52.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.780%
11) 1,1-Dichloroethene-d2	2.306	63	84863	39.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.260%
21) 2-Butanone-d5	4.458	46	98360	110.591	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.590%
24) Chloroform-d	5.062	84	120149	50.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.680%
26) 1,2-Dichloroethane-d4	5.958	65	82485	53.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.020%
32) Benzene-d6	5.982	84	240412	52.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.440%
36) 1,2-Dichloropropane-d6	7.311	67	72079	51.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.800%
41) Toluene-d8	8.652	98	223654	51.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
43) trans-1,3-Dichloroprop...	8.951	79	27735	44.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
47) 2-Hexanone-d5	9.384	63	68541	108.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.730%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	100780	50.731	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	72732	53.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.860%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.318	96	1496	1.562	ug/L #	1
13) Acetone	2.379	43	15450	21.713	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	3792	2.961	ug/L	92
34) Trichloroethene	7.128	95	916365	736.786	ug/L	88
35) Methylcyclohexane	7.311	83	18130	10.083	ug/L #	20
37) 1,2-Dichloropropane	7.311	63	8695	7.336	ug/L #	85
39) cis-1,3-Dichloropropene	8.329	75	2564	1.462	ug/L	83
44) trans-1,3-Dichloropropene	8.951	75	1379	0.837	ug/L	97
46) Tetrachloroethene	9.280	164	1857	1.947	ug/L	89
49) Dibromochloromethane	9.280	129	1773	1.374	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	8710	6.694	ug/L #	62

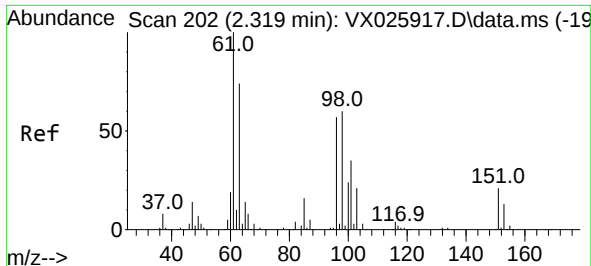
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 21 01:32:07 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.562 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

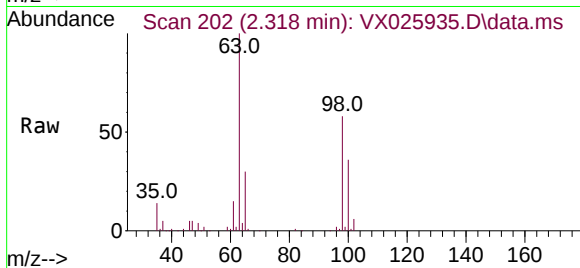
Lab File: VX025935.D

Acq: 20 Dec 2021 23:31

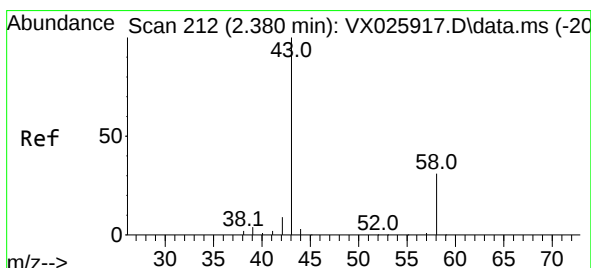
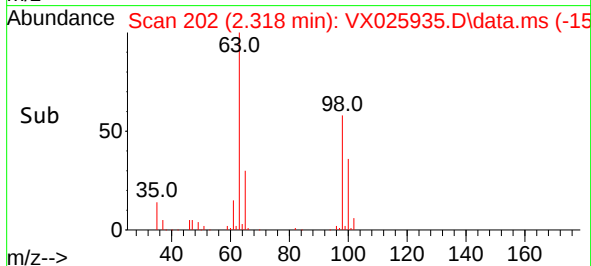
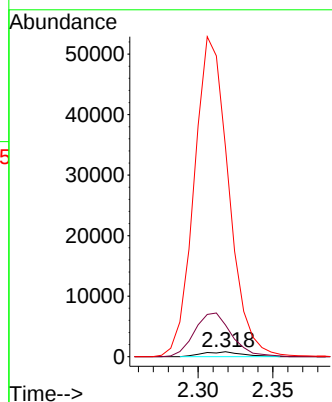
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	1496
Ion	Ratio	Lower	Upper
96	100		
61	634.7	108.7	201.9#
63	4199.0	76.3	141.7#



#13

Acetone

Concen: 21.713 ug/L

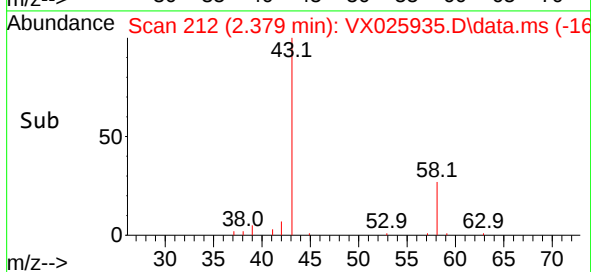
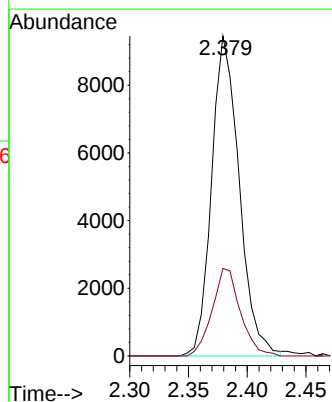
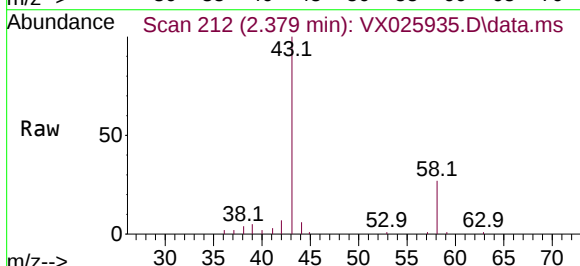
RT: 2.379 min Scan# 212

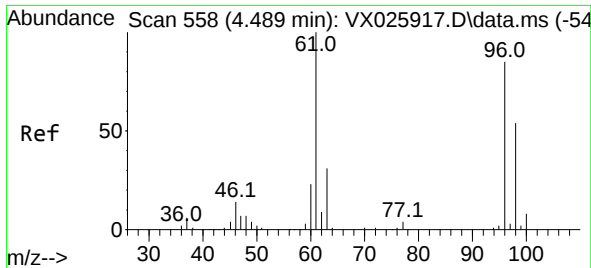
Delta R.T. -0.000 min

Lab File: VX025935.D

Acq: 20 Dec 2021 23:31

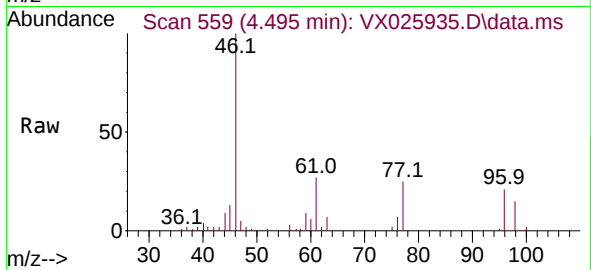
Tgt Ion:	43	Resp:	15450
Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	65.6



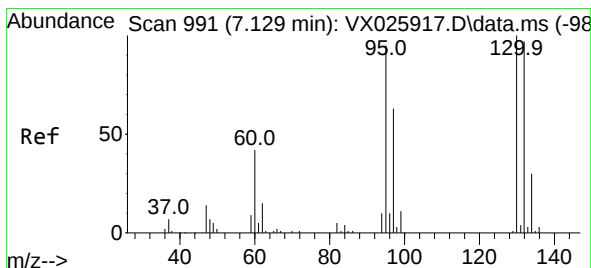
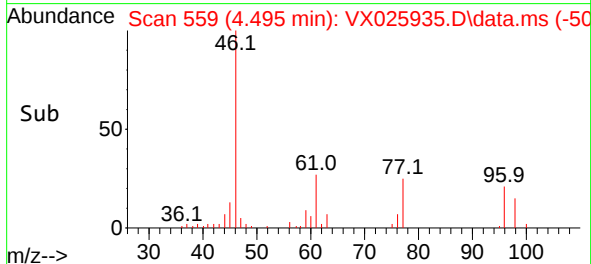
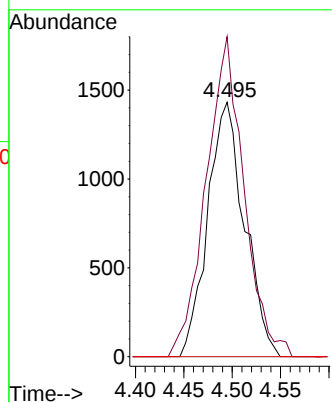


#20
 cis-1,2-Dichloroethene
 Concen: 2.961 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX025935.D
 Acq: 20 Dec 2021 23:31

Instrument :
 MSVOA_X
 ClientSampleId :

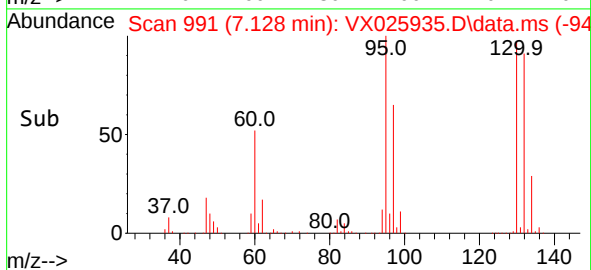
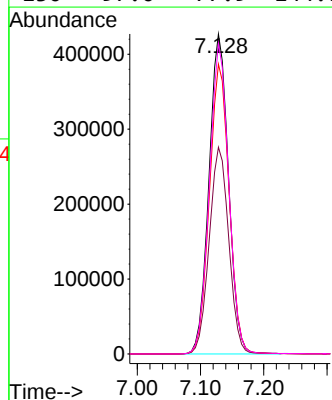
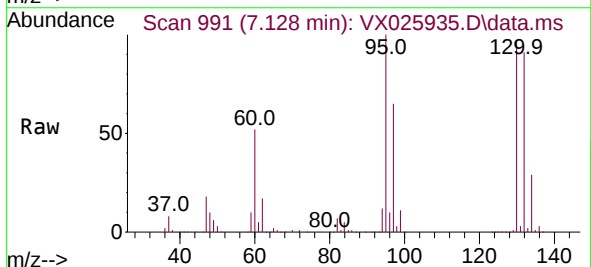


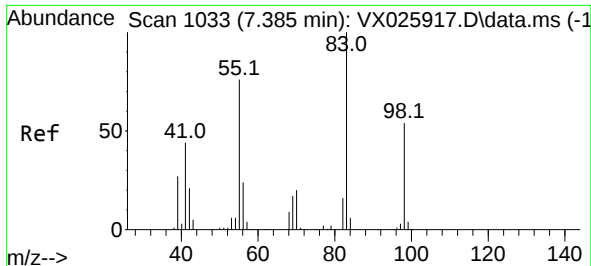
Tgt Ion: 96 Resp: 3792
 Ion Ratio Lower Upper
 96 100
 61 125.8 82.3 152.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 736.786 ug/L
 RT: 7.128 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX025935.D
 Acq: 20 Dec 2021 23:31

Tgt Ion: 95 Resp: 916365
 Ion Ratio Lower Upper
 95 100
 97 64.6 46.0 85.4
 132 90.6 75.0 139.2
 130 97.0 77.9 144.7

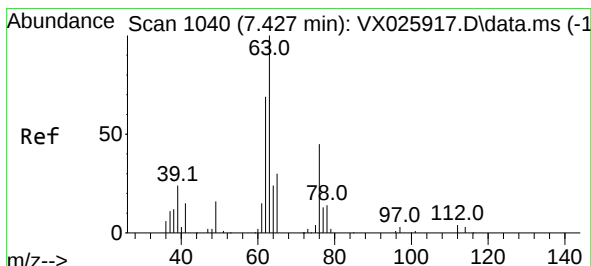
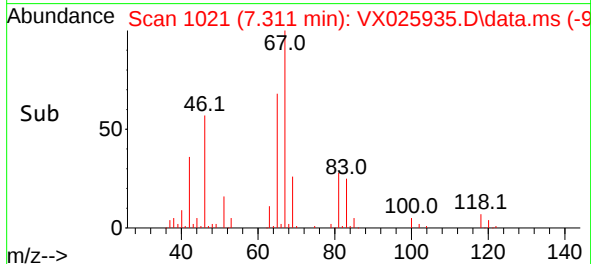
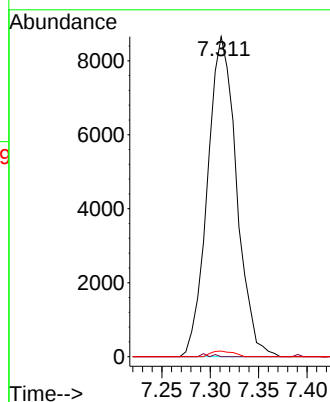
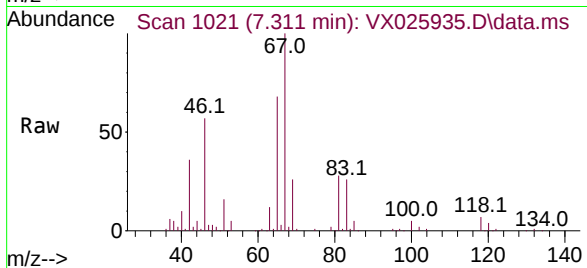




#35
Methylcyclohexane
Concen: 10.083 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.074 min
Lab File: VX025935.D
Acq: 20 Dec 2021 23:31

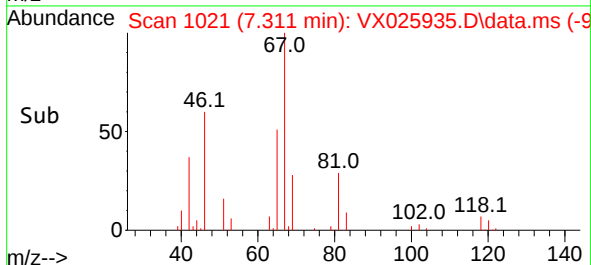
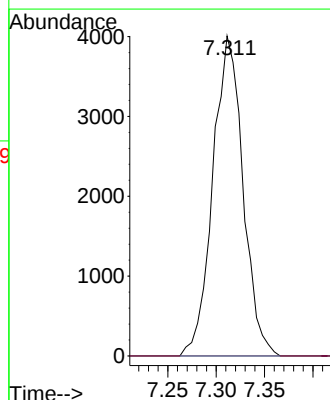
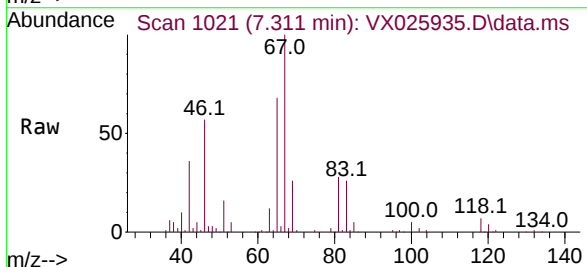
Instrument :
MSVOA_X
ClientSampleId :

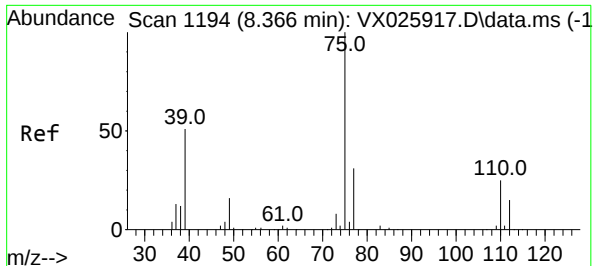
Tgt Ion: 83 Resp: 18130
Ion Ratio Lower Upper
83 100
55 0.1 57.3 85.9#
98 1.4 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 7.336 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX025935.D
Acq: 20 Dec 2021 23:31

Tgt Ion: 63 Resp: 8695
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.462 ug/L

RT: 8.329 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025935.D

Acq: 20 Dec 2021 23:31

Instrument :

MSVOA_X

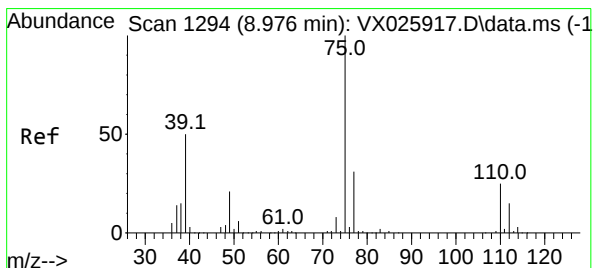
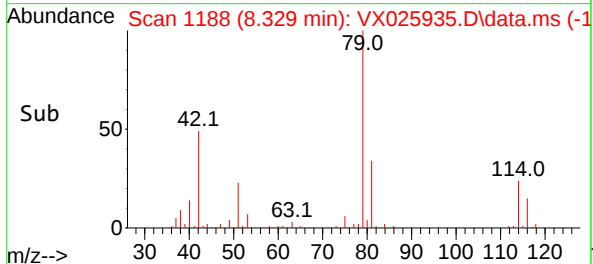
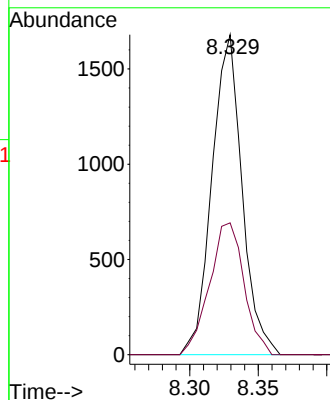
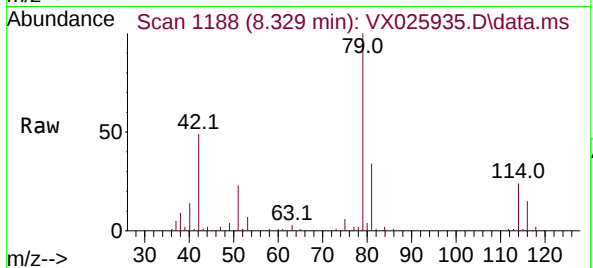
ClientSampleId :

Tgt Ion: 75 Resp: 2564

Ion Ratio Lower Upper

75 100

77 41.2 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.837 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX025935.D

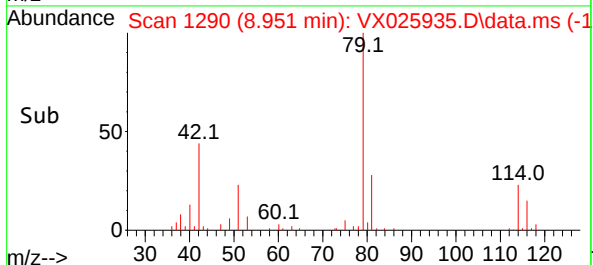
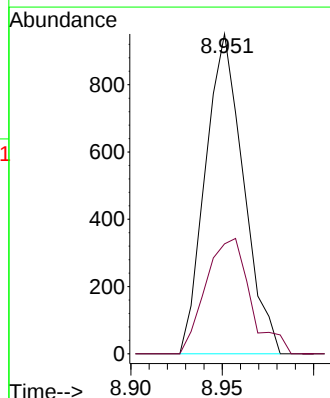
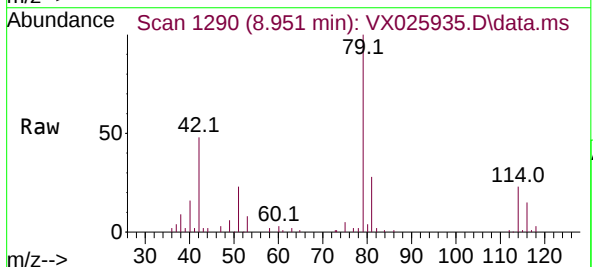
Acq: 20 Dec 2021 23:31

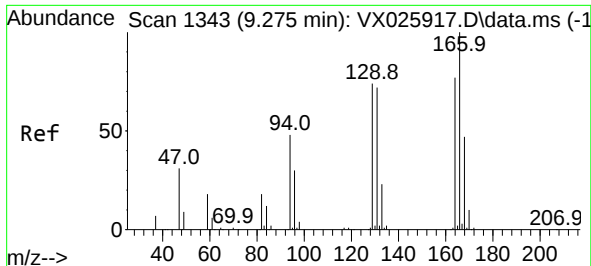
Tgt Ion: 75 Resp: 1379

Ion Ratio Lower Upper

75 100

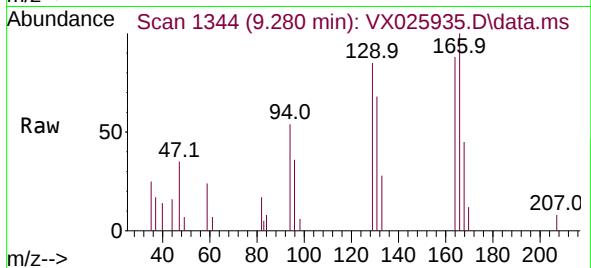
77 34.4 23.0 42.8



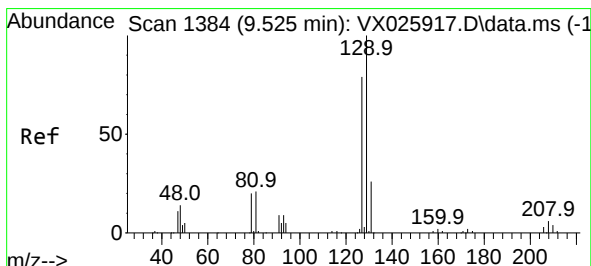
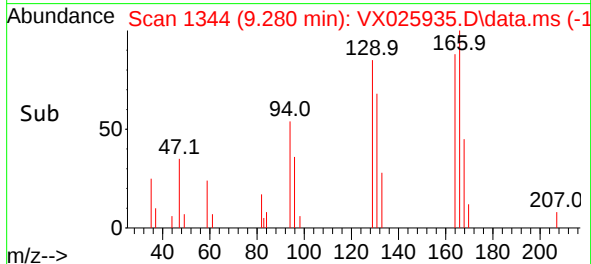
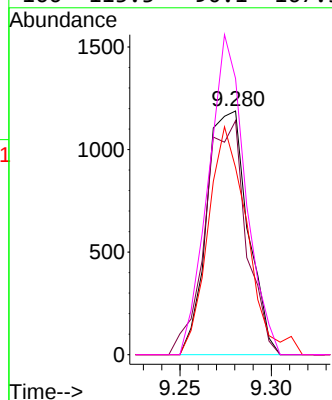


#46
Tetrachloroethene
Concen: 1.947 ug/L
RT: 9.280 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025935.D
Acq: 20 Dec 2021 23:31

Instrument :
MSVOA_X
ClientSampleId :

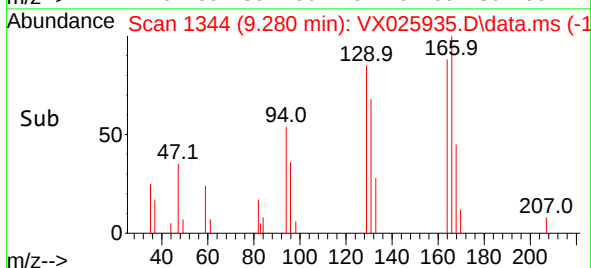
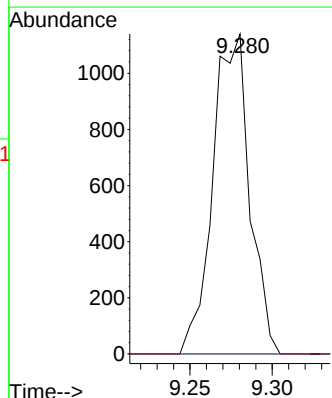
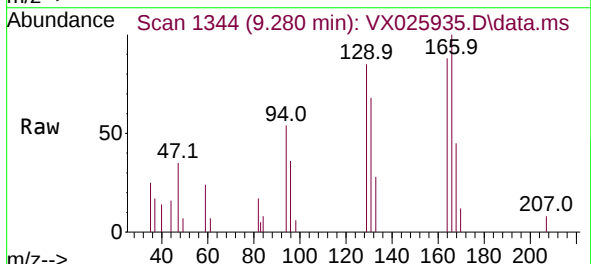


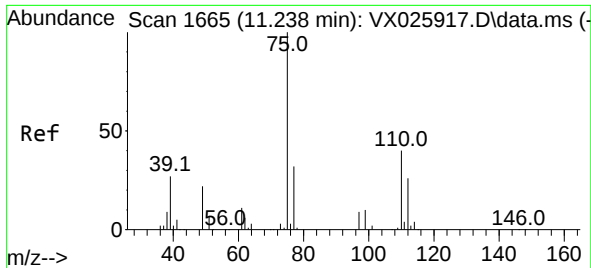
Tgt Ion:164 Resp: 1857
Ion Ratio Lower Upper
164 100
129 96.0 64.7 120.1
131 76.8 63.2 117.4
166 113.3 90.1 167.3



#49
Dibromochloromethane
Concen: 1.374 ug/L
RT: 9.280 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX025935.D
Acq: 20 Dec 2021 23:31

Tgt Ion:129 Resp: 1773
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#





#61

1,2,3-Trichloropropane

Concen: 6.694 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.786 min

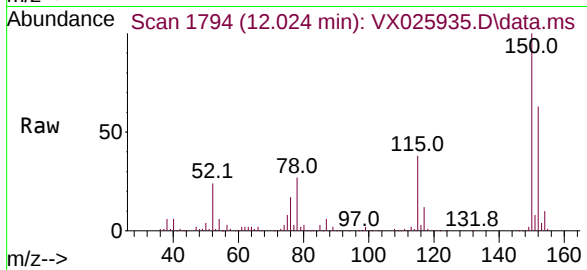
Lab File: VX025935.D

Acq: 20 Dec 2021 23:31

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 8710

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8

110 2.7 34.7 52.1#

