

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030419.D
 Acq On : 05 Aug 2022 10:45
 Operator : JC/MD
 Sample : N4021-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 00:55:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

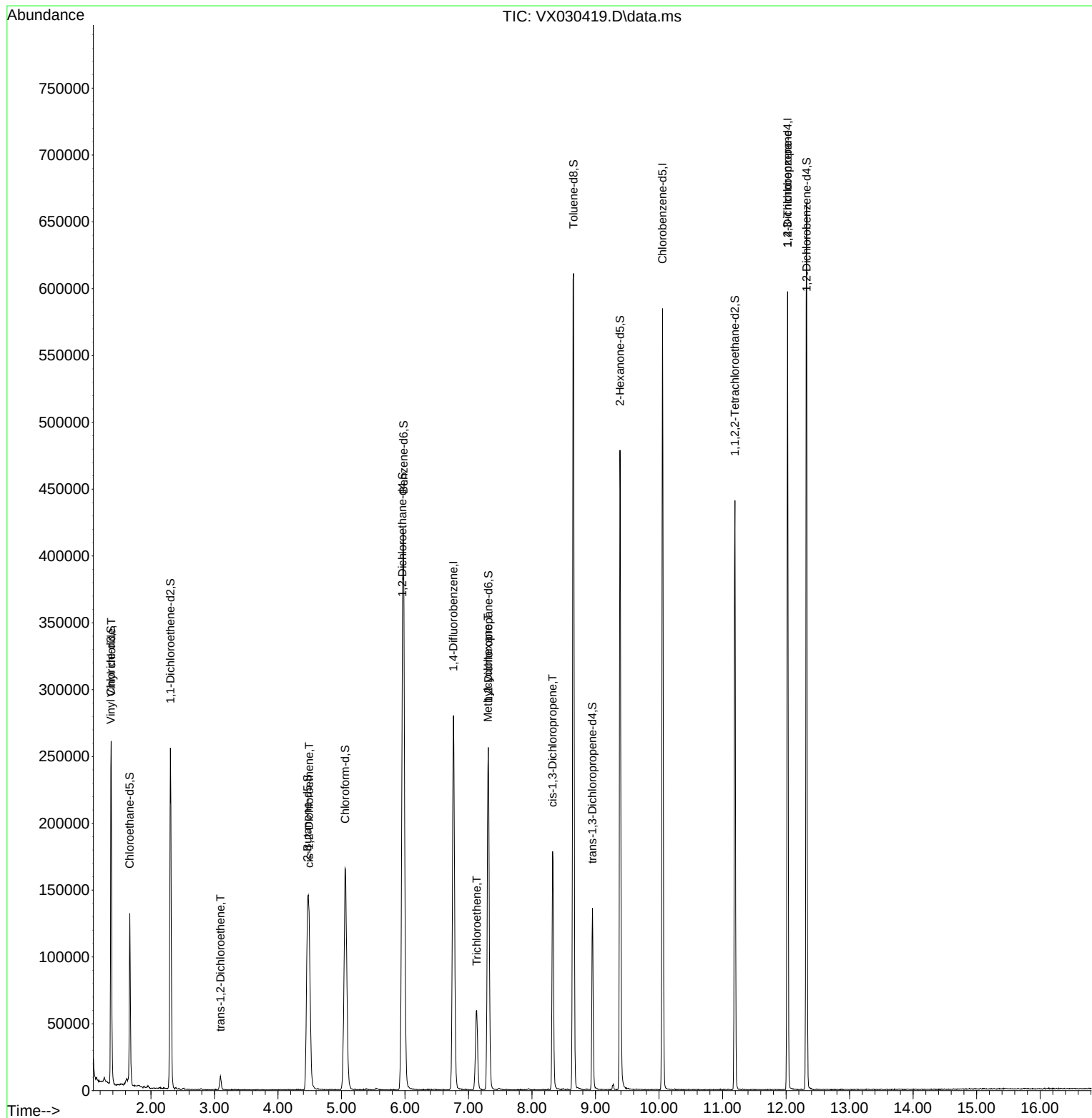
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	272357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245501	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	95915	54.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.680%
7) Chloroethane-d5	1.666	69	77068	62.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.020%
11) 1,1-Dichloroethene-d2	2.306	63	139980	42.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.620%
21) 2-Butanone-d5	4.464	46	195689	120.754	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.750%
24) Chloroform-d	5.056	84	200011	55.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.100%
26) 1,2-Dichloroethane-d4	5.958	65	141487	57.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.740%
32) Benzene-d6	5.976	84	405578	57.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.340%
36) 1,2-Dichloropropane-d6	7.312	67	130571	57.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.460%
41) Toluene-d8	8.653	98	366410	55.276	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.560%
43) trans-1,3-Dichloroprop...	8.951	79	60133	52.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.960%
47) 2-Hexanone-d5	9.384	63	131846	113.370	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.370%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	171264	57.140	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.280%
66) 1,2-Dichlorobenzene-d4	12.323	152	125197	59.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.140%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	85789	45.576	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	3689	2.089	ug/L	89
20) cis-1,2-Dichloroethene	4.489	96	50295	25.316	ug/L	90
34) Trichloroethene	7.129	95	21209	9.303	ug/L	86
35) Methylcyclohexane	7.305	83	30684	9.246	ug/L #	18
39) cis-1,3-Dichloropropene	8.324	75	4339	1.390	ug/L #	81
61) 1,2,3-Trichloropropane	12.024	75	14456	6.161	ug/L #	67

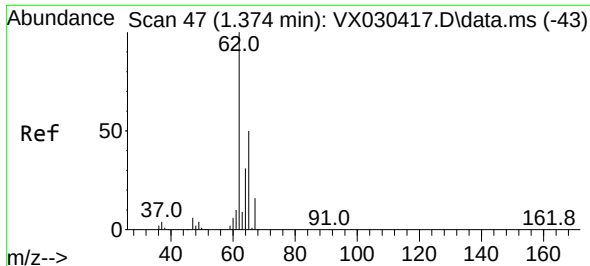
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 06 00:55:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
Response via : Initial Calibration

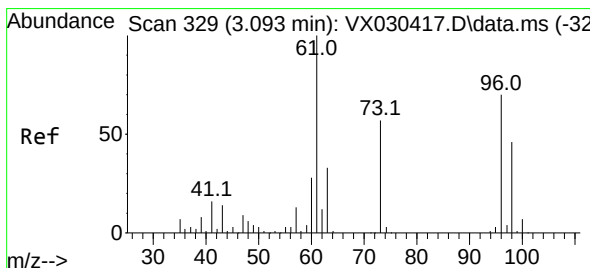
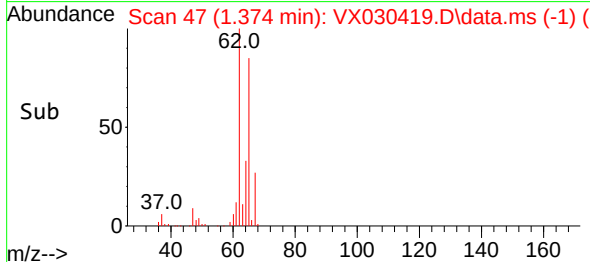
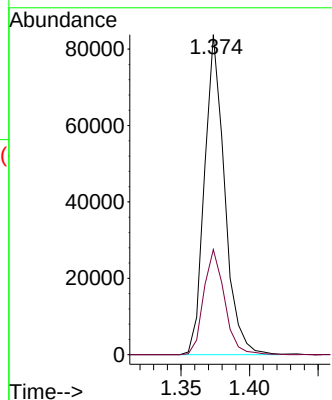
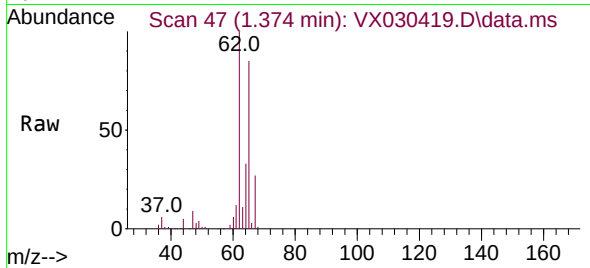




#5
 Vinyl chloride
 Concen: 45.576 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030419.D
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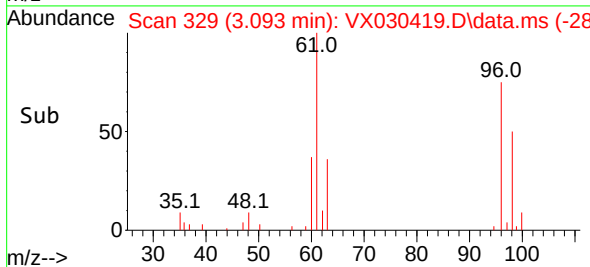
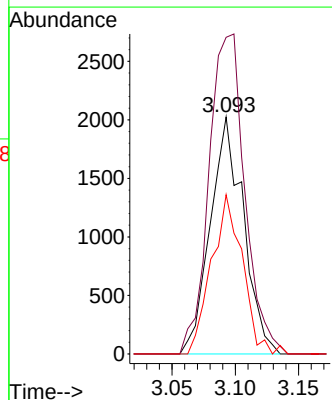
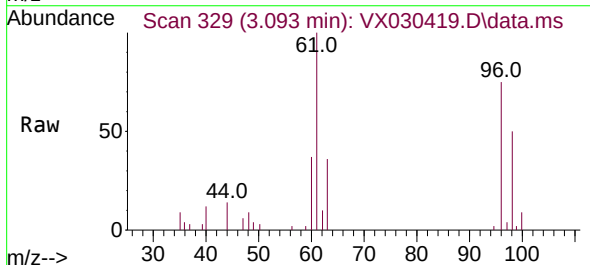
Instrument :
 MSVOA_X
 ClientSampleId :

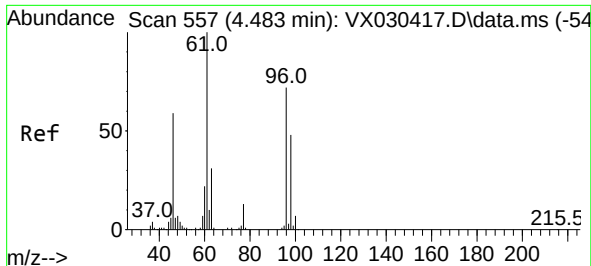
Tgt Ion: 62 Resp: 85789
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.089 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030419.D
 Acq: 05 Aug 2022 10:45

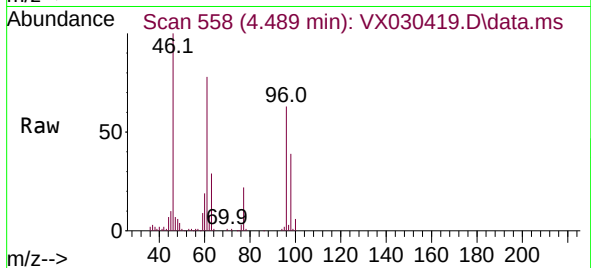
Tgt Ion: 96 Resp: 3689
 Ion Ratio Lower Upper
 96 100
 61 133.6 103.7 192.5
 98 67.2 41.5 77.1



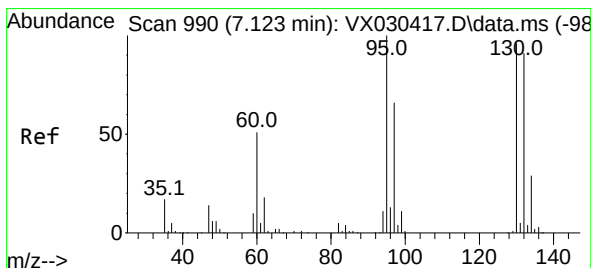
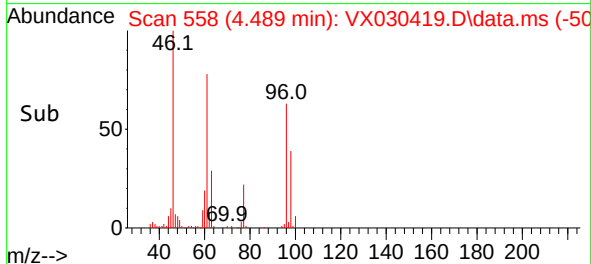
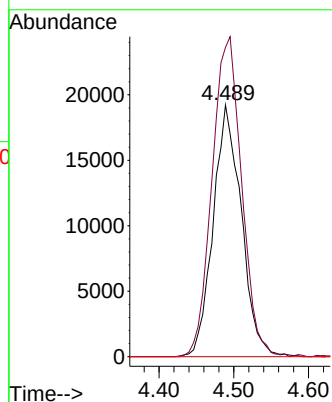


#20
cis-1,2-Dichloroethene
Concen: 25.316 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030419.D
Acq: 05 Aug 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :

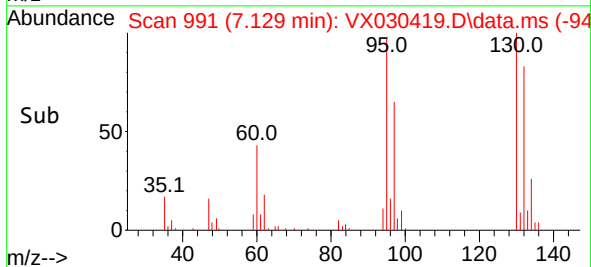
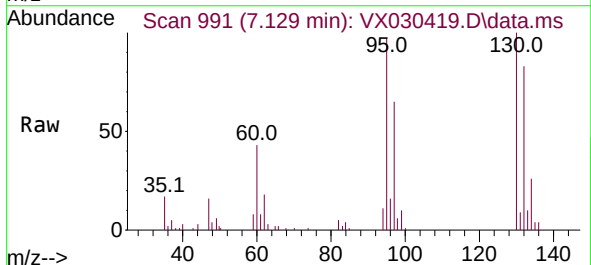
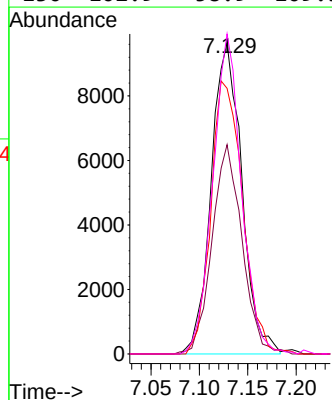


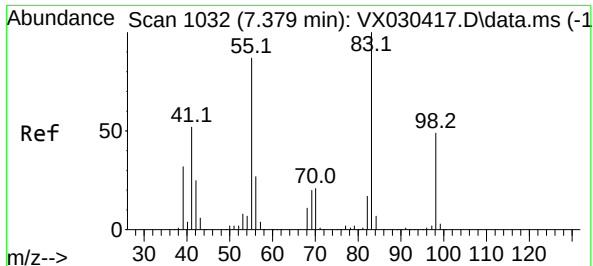
Tgt Ion: 96 Resp: 50295
Ion Ratio Lower Upper
96 100
61 122.8 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 9.303 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030419.D
Acq: 05 Aug 2022 10:45

Tgt Ion: 95 Resp: 21209
Ion Ratio Lower Upper
95 100
97 67.3 40.2 74.6
132 85.4 55.3 102.7
130 102.9 58.9 109.5





#35

Methylcyclohexane

Concen: 9.246 ug/L

RT: 7.305 min Scan# 1187

Delta R.T. -0.073 min

Lab File: VX030419.D

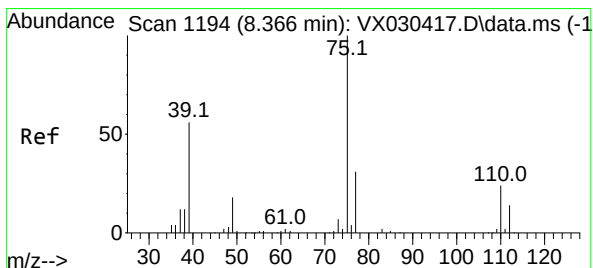
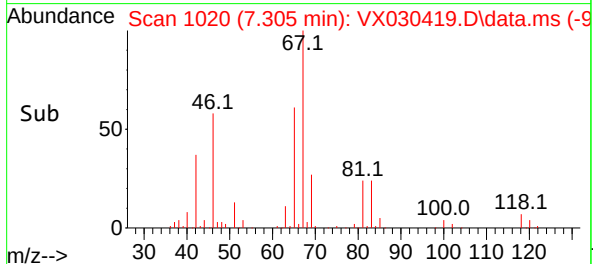
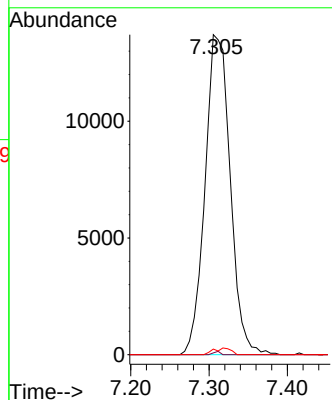
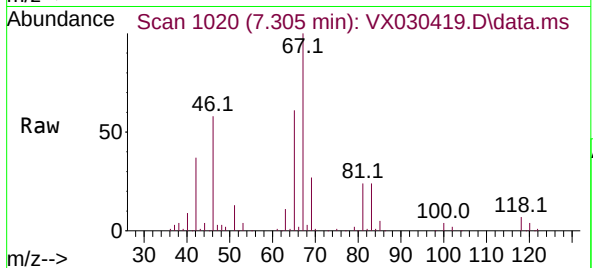
Acq: 05 Aug 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 30684
Ion Ratio	Lower Upper
83 100	
55 0.3	64.0 96.0#
98 1.4	36.7 55.1#



#39

cis-1,3-Dichloropropene

Concen: 1.390 ug/L

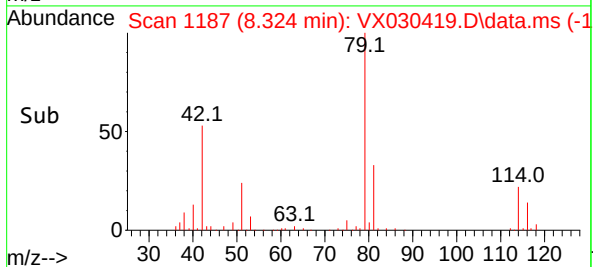
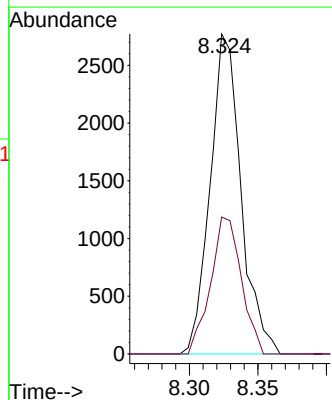
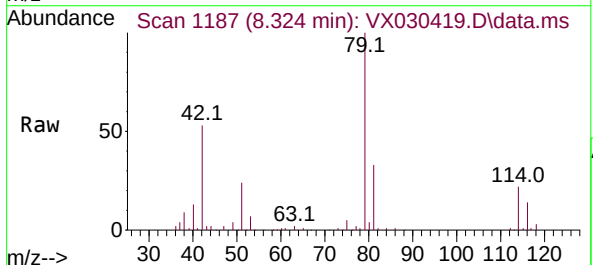
RT: 8.324 min Scan# 1187

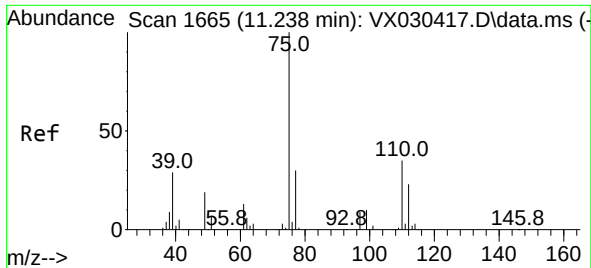
Delta R.T. -0.043 min

Lab File: VX030419.D

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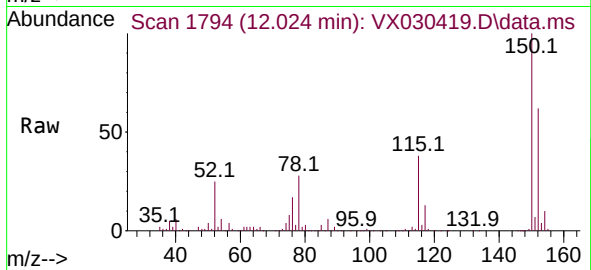
Tgt Ion: 75	Resp: 4339
Ion Ratio	Lower Upper
75 100	
77 42.8	22.4 41.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.161 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX030419.D
 Acq: 05 Aug 2022 10:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	14456
Ion Ratio	Lower	Upper
75	100	
77	34.4	26.1 39.1
110	3.3	30.5 45.7#

