

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030420.D
 Acq On : 05 Aug 2022 11:08
 Operator : JC/MD
 Sample : N4021-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 00:55:33 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)

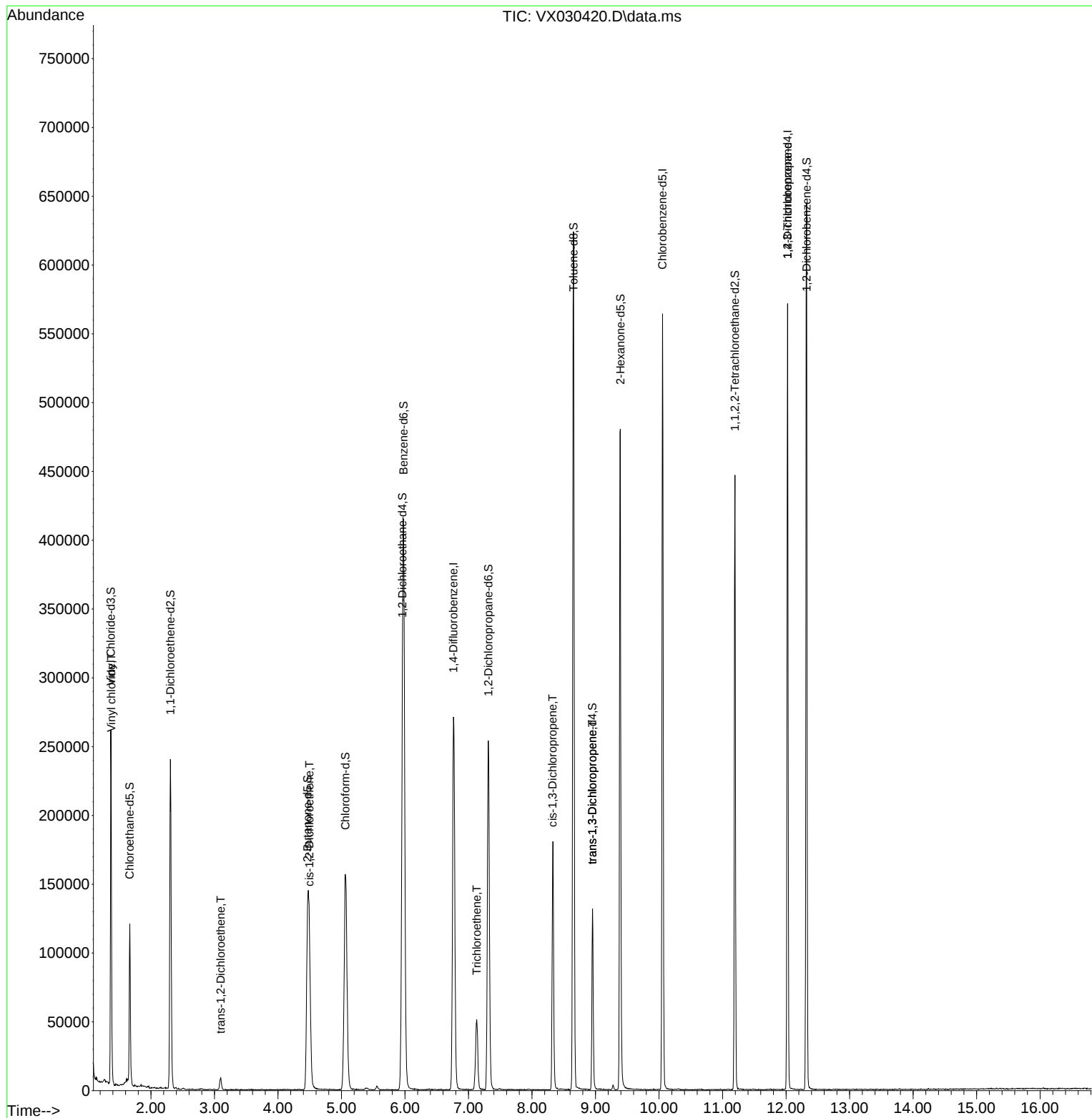
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274314	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	240159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105533	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	93679	53.178	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	106.360%	
7) Chloroethane-d5	1.666	69	74376	59.892	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	119.780%	
11) 1,1-Dichloroethene-d2	2.306	63	135879	40.777	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.560%	
21) 2-Butanone-d5	4.465	46	197644	121.090	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	121.090%	
24) Chloroform-d	5.062	84	197775	54.539	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.080%	
26) 1,2-Dichloroethane-d4	5.958	65	139233	56.547	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	113.100%	
32) Benzene-d6	5.976	84	396979	57.707	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.420%	
36) 1,2-Dichloropropane-d6	7.312	67	129274	57.920	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	115.840%	
41) Toluene-d8	8.653	98	358674	55.313	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	110.620%	
43) trans-1,3-Dichloroprop...	8.952	79	58436	52.629	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	105.260%	
47) 2-Hexanone-d5	9.391	63	132877	116.798	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	116.800%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	169538	57.822	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	115.640%	
66) 1,2-Dichlorobenzene-d4	12.323	152	124096	60.626	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	121.260%#	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.374	62	83482	44.034	ug/L	99
17) trans-1,2-Dichloroethene	3.099	96	3314	1.863	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	47259	23.618	ug/L	93
34) Trichloroethene	7.129	95	18798	8.429	ug/L	93
39) cis-1,3-Dichloropropene	8.324	75	4110	1.346	ug/L #	72
44) trans-1,3-Dichloropropene	8.952	75	2483	0.831	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	13134	5.795	ug/L #	66

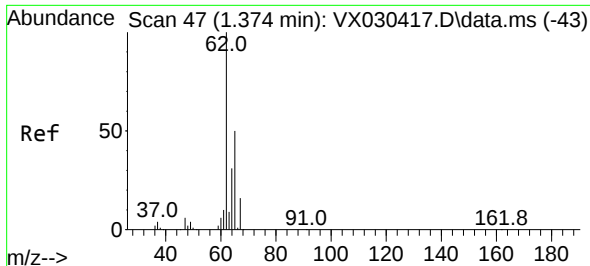
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
Response via : Initial Calibration

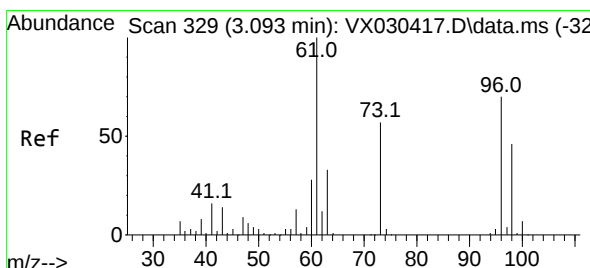
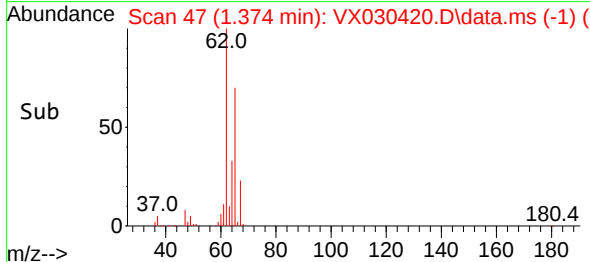
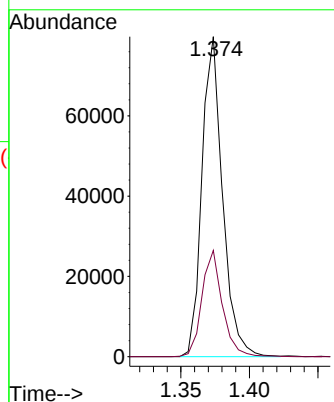
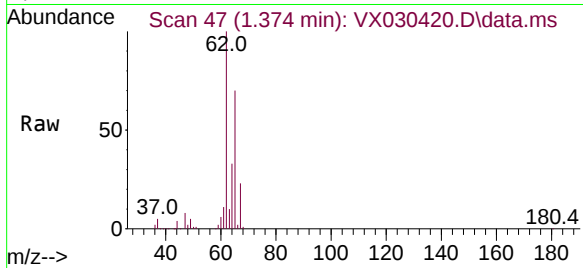




#5
 Vinyl chloride
 Concen: 44.034 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030420.D
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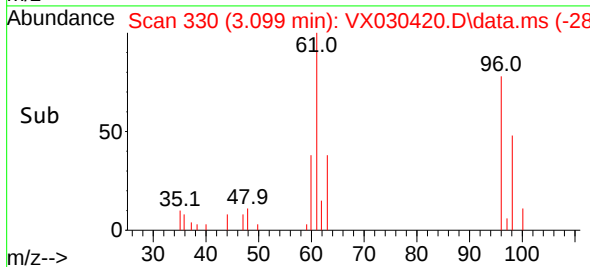
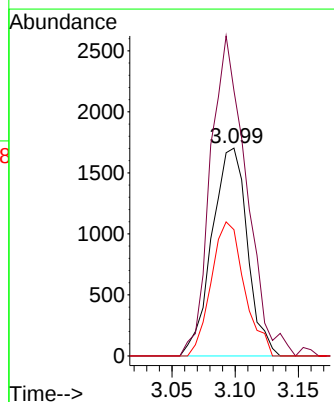
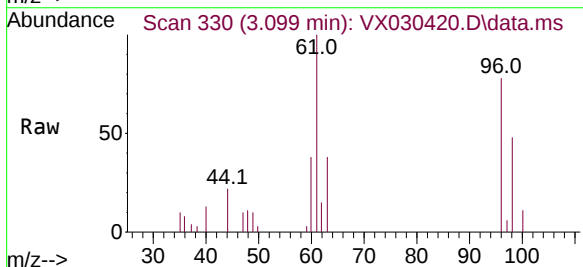
Instrument :
 MSVOA_X
 ClientSampleId :

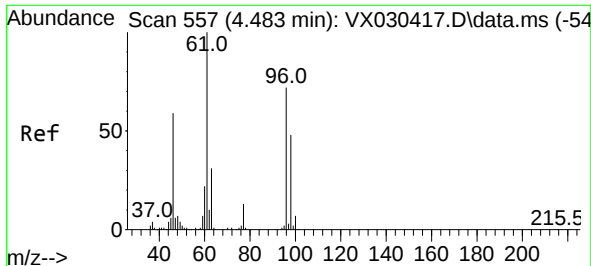
Tgt Ion: 62 Resp: 83482
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 1.863 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030420.D
 Acq: 05 Aug 2022 11:08

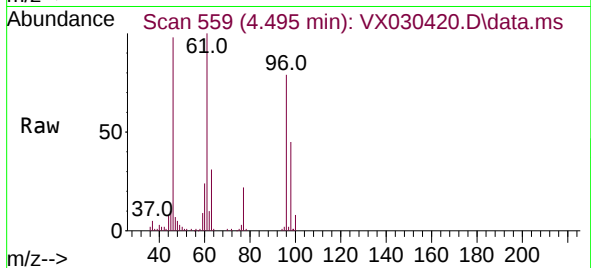
Tgt Ion: 96 Resp: 3314
 Ion Ratio Lower Upper
 96 100
 61 127.6 103.7 192.5
 98 60.7 41.5 77.1





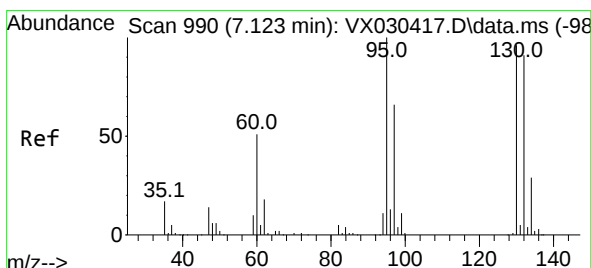
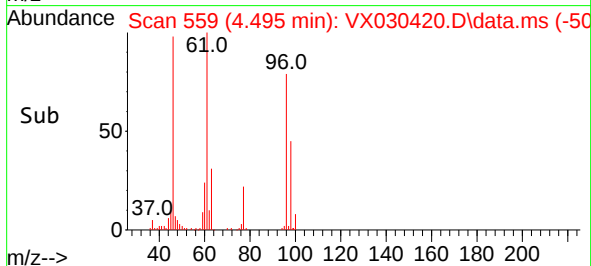
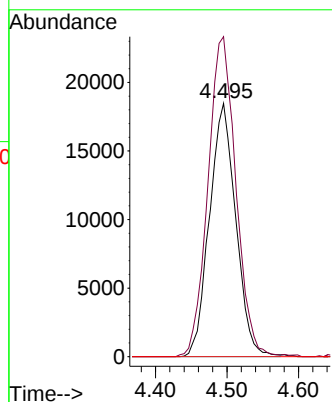
#20
cis-1,2-Dichloroethene
Concen: 23.618 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030420.D
Acq: 05 Aug 2022 11:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 47259

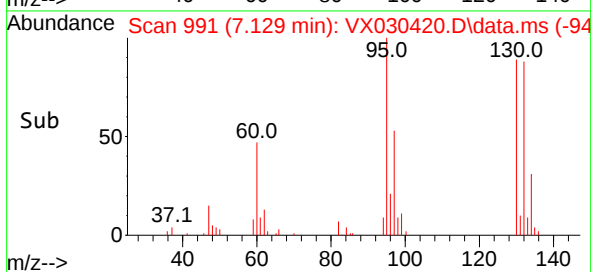
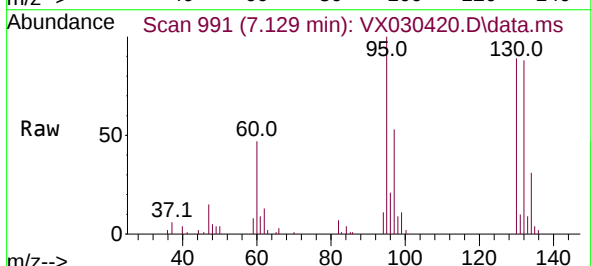
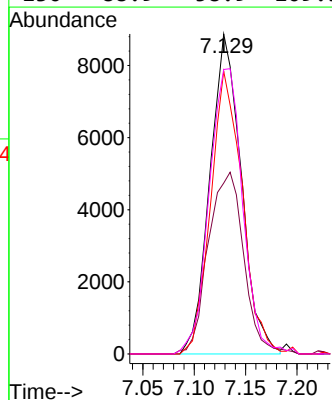
Ion	Ratio	Lower	Upper
96	100		
61	126.3	94.0	174.6
68	0.0	0.0	0.0

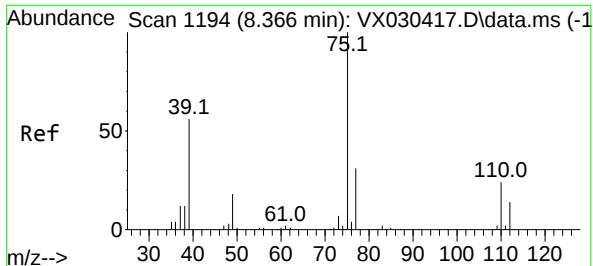


#34
Trichloroethene
Concen: 8.429 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030420.D
Acq: 05 Aug 2022 11:08

Tgt Ion: 95 Resp: 18798

Ion	Ratio	Lower	Upper
95	100		
97	53.4	40.2	74.6
132	88.4	55.3	102.7
130	88.9	58.9	109.5





#39

cis-1,3-Dichloropropene

Concen: 1.346 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX030420.D

Acq: 05 Aug 2022 11:08

Instrument :

MSVOA_X

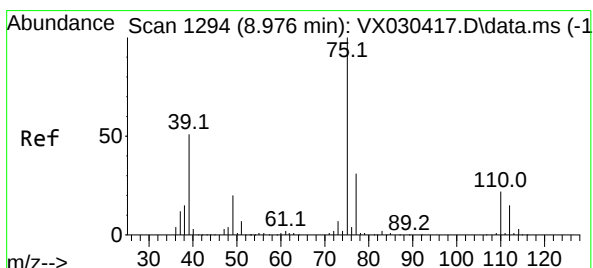
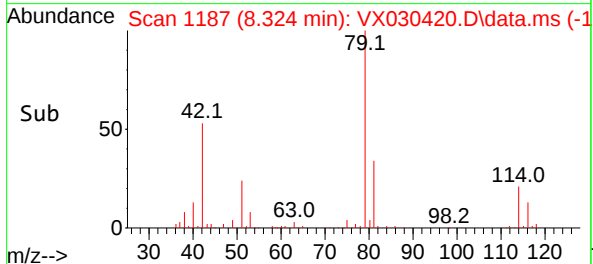
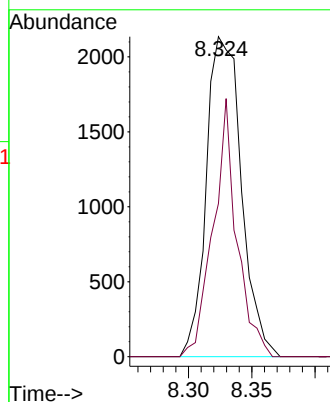
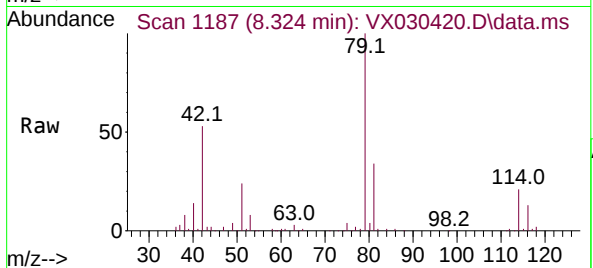
ClientSampleId :

Tgt Ion: 75 Resp: 4110

Ion Ratio Lower Upper

75 100

77 47.9 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.831 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX030420.D

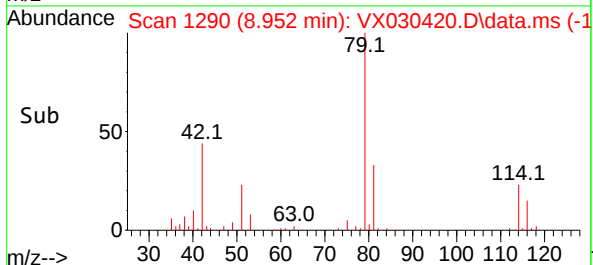
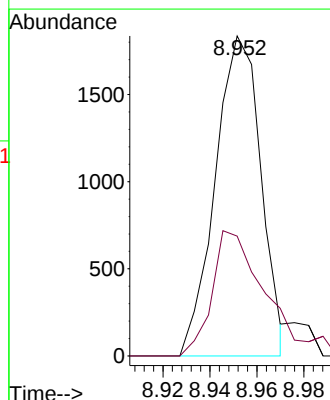
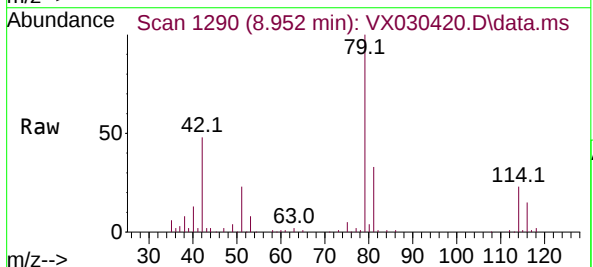
Acq: 05 Aug 2022 11:08

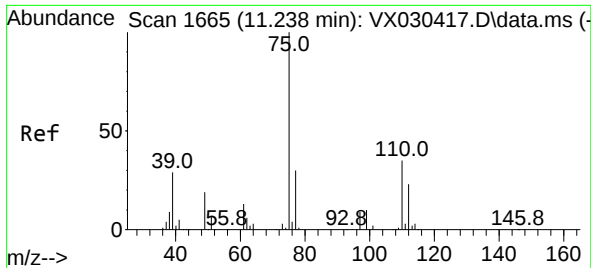
Tgt Ion: 75 Resp: 2483

Ion Ratio Lower Upper

75 100

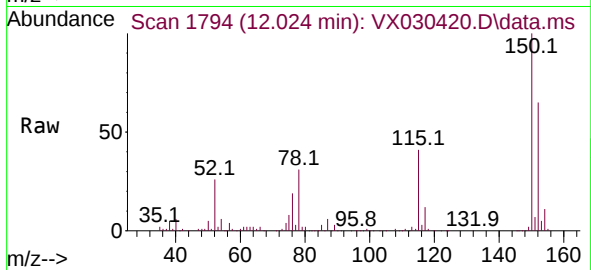
77 37.5 22.5 41.7





#61
 1,2,3-Trichloropropane
 Concen: 5.795 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX030420.D
 Acq: 05 Aug 2022 11:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	13134
Ion Ratio	Lower	Upper
75	100	
77	37.1	26.1 39.1
110	3.7	30.5 45.7#

