

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030456.D
 Acq On : 06 Aug 2022 12:02
 Operator : JC/MD
 Sample : N4003-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 00:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

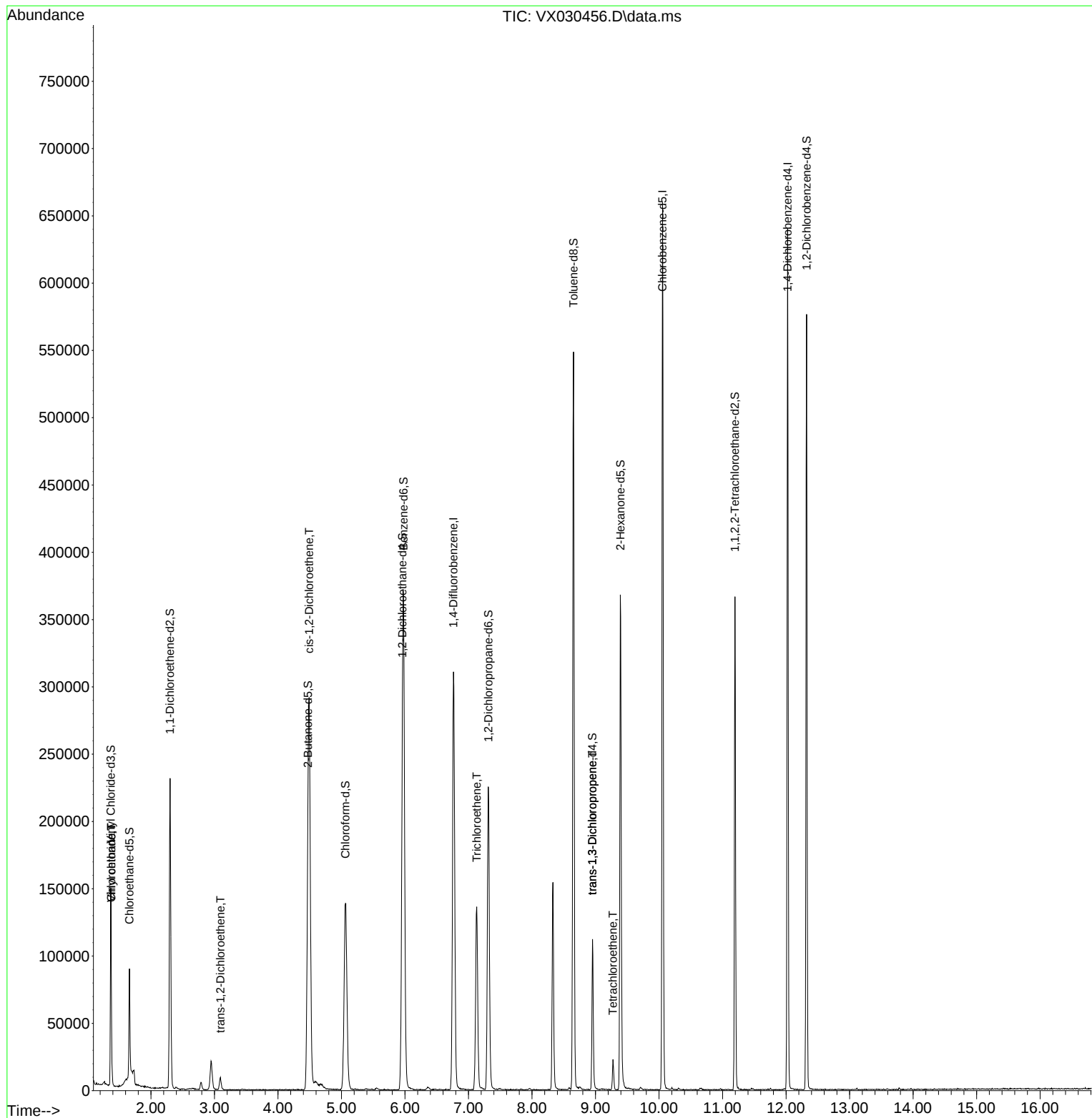
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	302472	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	85122	43.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.640%
7) Chloroethane-d5	1.660	69	42596	31.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.220%#
11) 1,1-Dichloroethene-d2	2.300	63	129014	35.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.220%
21) 2-Butanone-d5	4.471	46	165939	92.201	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.200%
24) Chloroform-d	5.062	84	173394	43.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	5.958	65	121220	44.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
32) Benzene-d6	5.976	84	349213	44.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	7.312	67	112296	44.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	8.653	98	313165	42.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.480%
43) trans-1,3-Dichloroprop...	8.952	79	48949	38.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.100%
47) 2-Hexanone-d5	9.390	63	109054	83.833	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.830%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	137922	41.139	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.280%
66) 1,2-Dichlorobenzene-d4	12.323	152	105238	45.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	14246	6.815	ug/L	95
8) Chloroethane	1.374	64	5193	4.361	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	3402	1.735	ug/L	86
20) cis-1,2-Dichloroethene	4.489	96	141704	64.226	ug/L	96
34) Trichloroethene	7.129	95	51484	20.190	ug/L	92
44) trans-1,3-Dichloropropene	8.952	75	2414	0.706	ug/L #	64
46) Tetrachloroethene	9.275	164	3565	2.212	ug/L	92

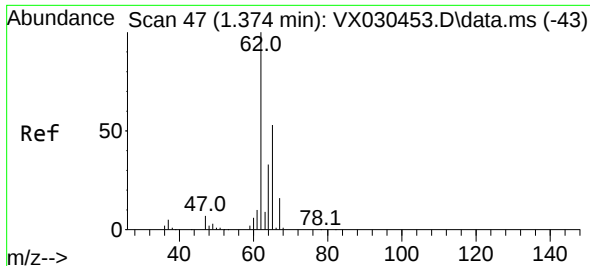
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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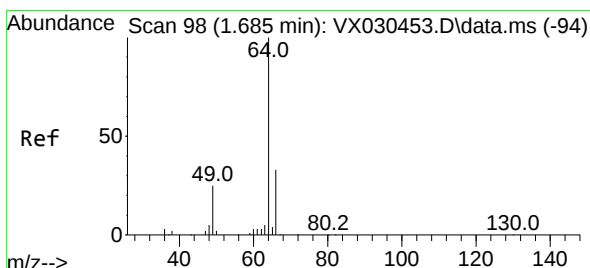
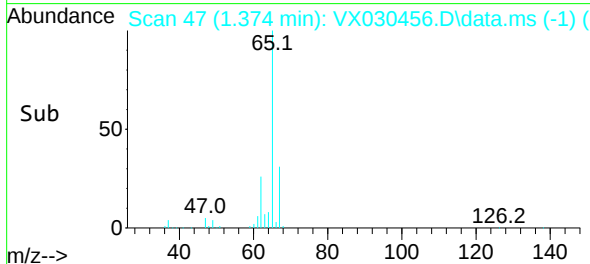
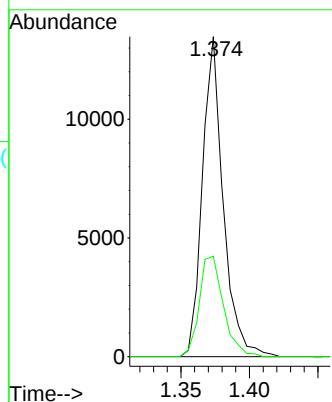
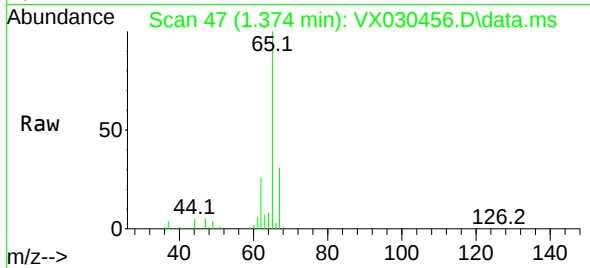




#5
 Vinyl chloride
 Concen: 6.815 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX030456.D
 Acq: 06 Aug 2022 12:02

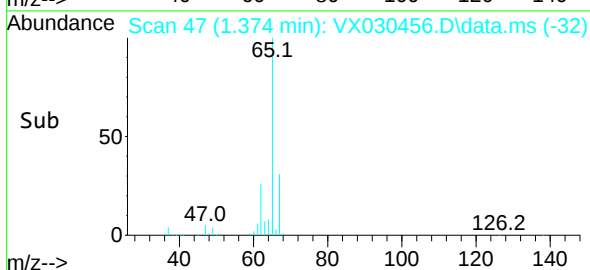
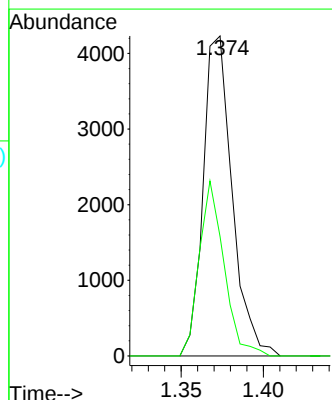
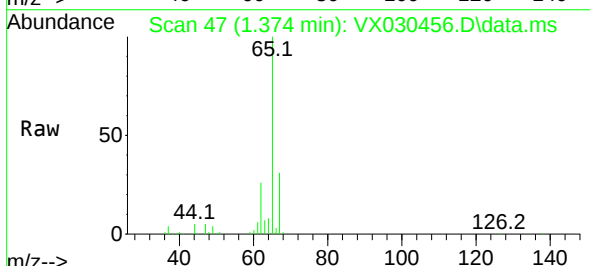
Instrument :
 MSVOA_X
 ClientSampleId :

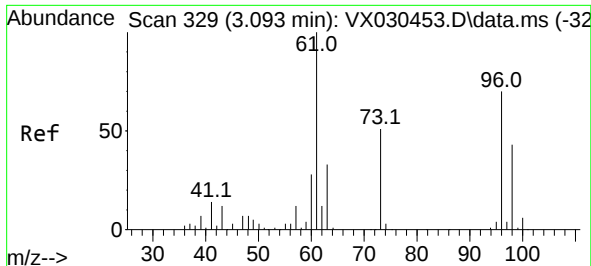
Tgt Ion: 62 Resp: 14246
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.8 44.2



#8
 Chloroethane
 Concen: 4.361 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.311 min
 Lab File: VX030456.D
 Acq: 06 Aug 2022 12:02

Tgt Ion: 64 Resp: 5193
 Ion Ratio Lower Upper
 64 100
 66 37.3 22.1 41.1





#17

trans-1,2-Dichloroethene

Concen: 1.735 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

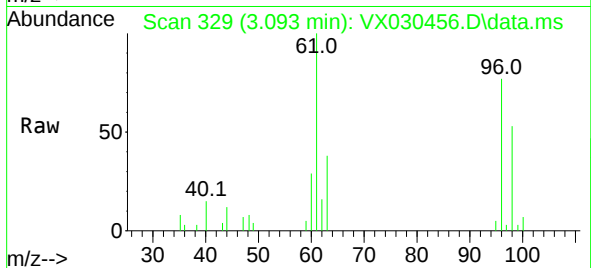
Lab File: VX030456.D

Acq: 06 Aug 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :



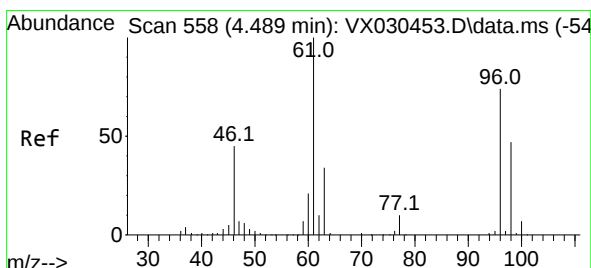
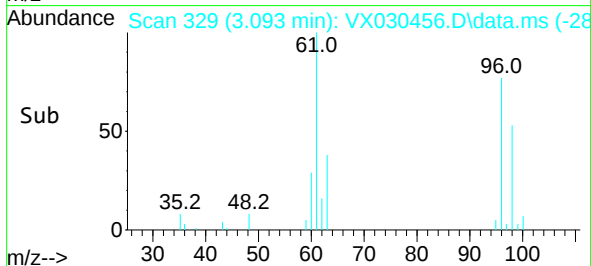
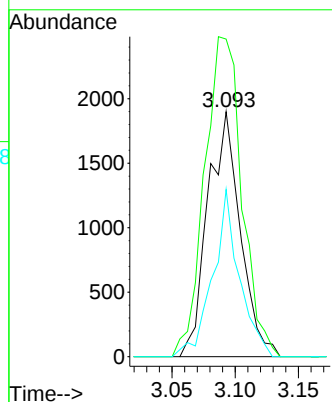
Tgt Ion: 96 Resp: 3402

Ion Ratio Lower Upper

96 100

61 129.6 103.7 192.5

98 68.2 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 64.226 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030456.D

Acq: 06 Aug 2022 12:02

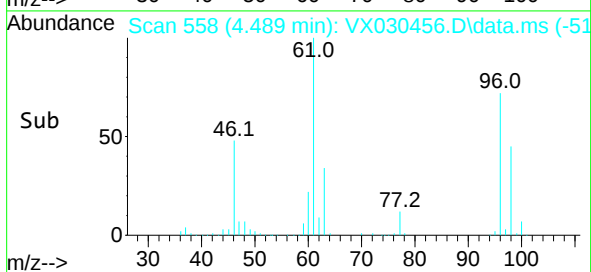
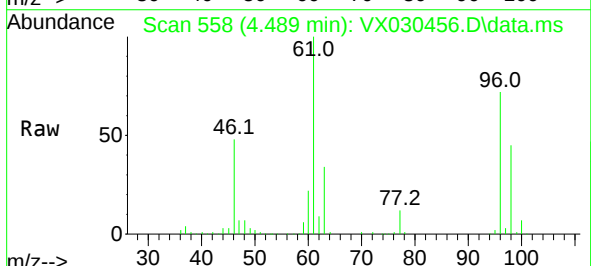
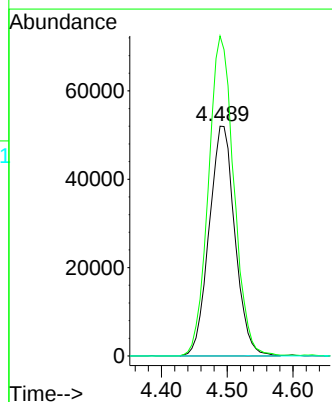
Tgt Ion: 96 Resp: 141704

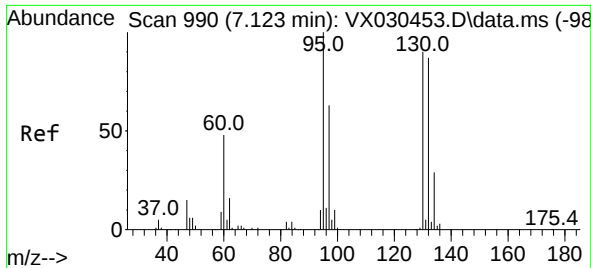
Ion Ratio Lower Upper

96 100

61 139.3 94.0 174.6

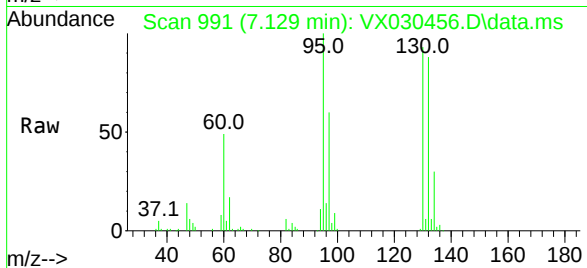
68 0.0 0.0 0.0



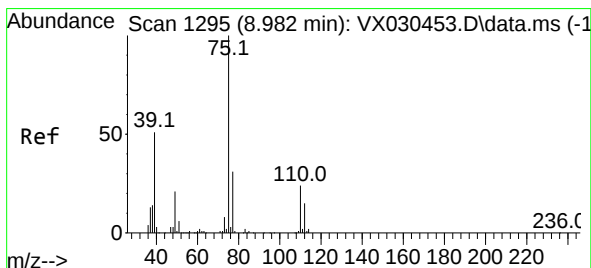
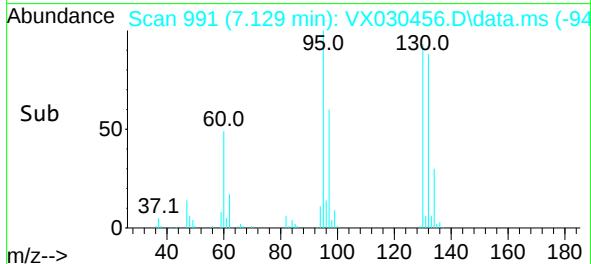
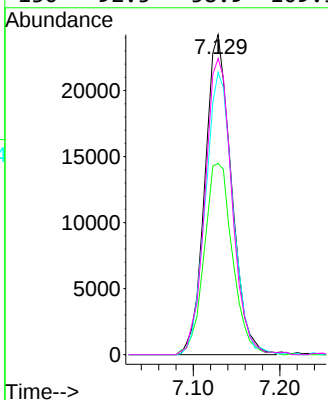


#34
Trichloroethene
Concen: 20.190 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030456.D
Acq: 06 Aug 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :

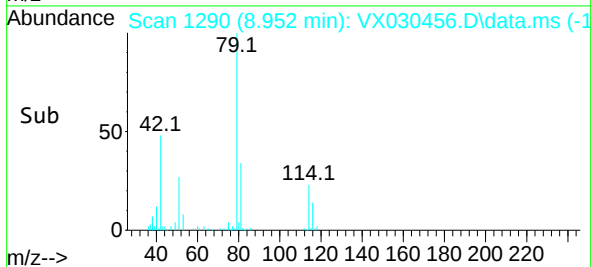
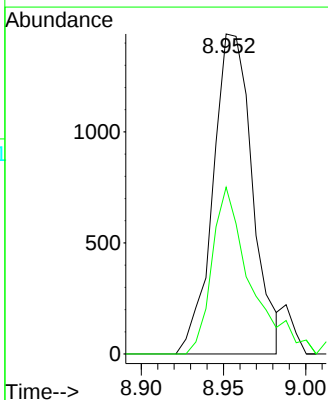
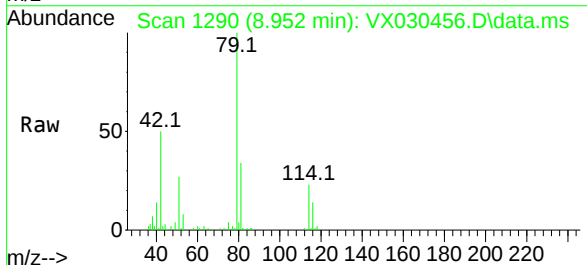


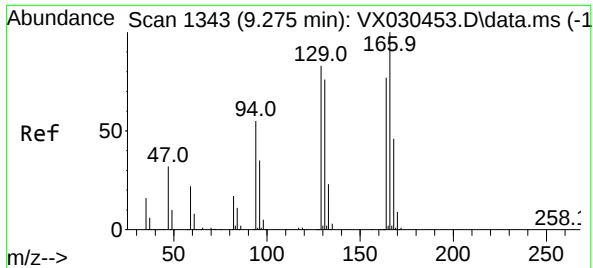
Tgt Ion: 95 Resp: 51484
Ion Ratio Lower Upper
95 100
97 59.8 40.2 74.6
132 88.2 55.3 102.7
130 92.5 58.9 109.5



#44
trans-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX030456.D
Acq: 06 Aug 2022 12:02

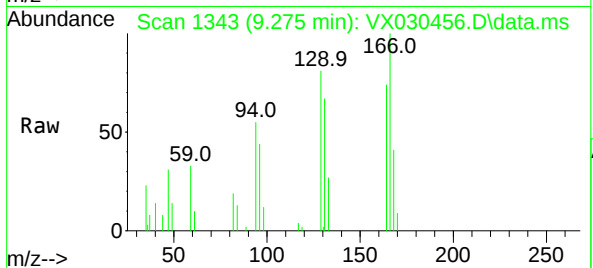
Tgt Ion: 75 Resp: 2414
Ion Ratio Lower Upper
75 100
77 52.1 22.5 41.7#





#46
 Tetrachloroethene
 Concen: 2.212 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030456.D
 Acq: 06 Aug 2022 12:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	164	Resp:	3565
Ion	Ratio	Lower	Upper
164	100		
129	110.8	72.7	135.1
131	91.7	69.9	129.9
166	136.0	88.3	164.1

