

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030471.D
 Acq On : 06 Aug 2022 17:53
 Operator : JC/MD
 Sample : N4021-16DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 00:19:04 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)

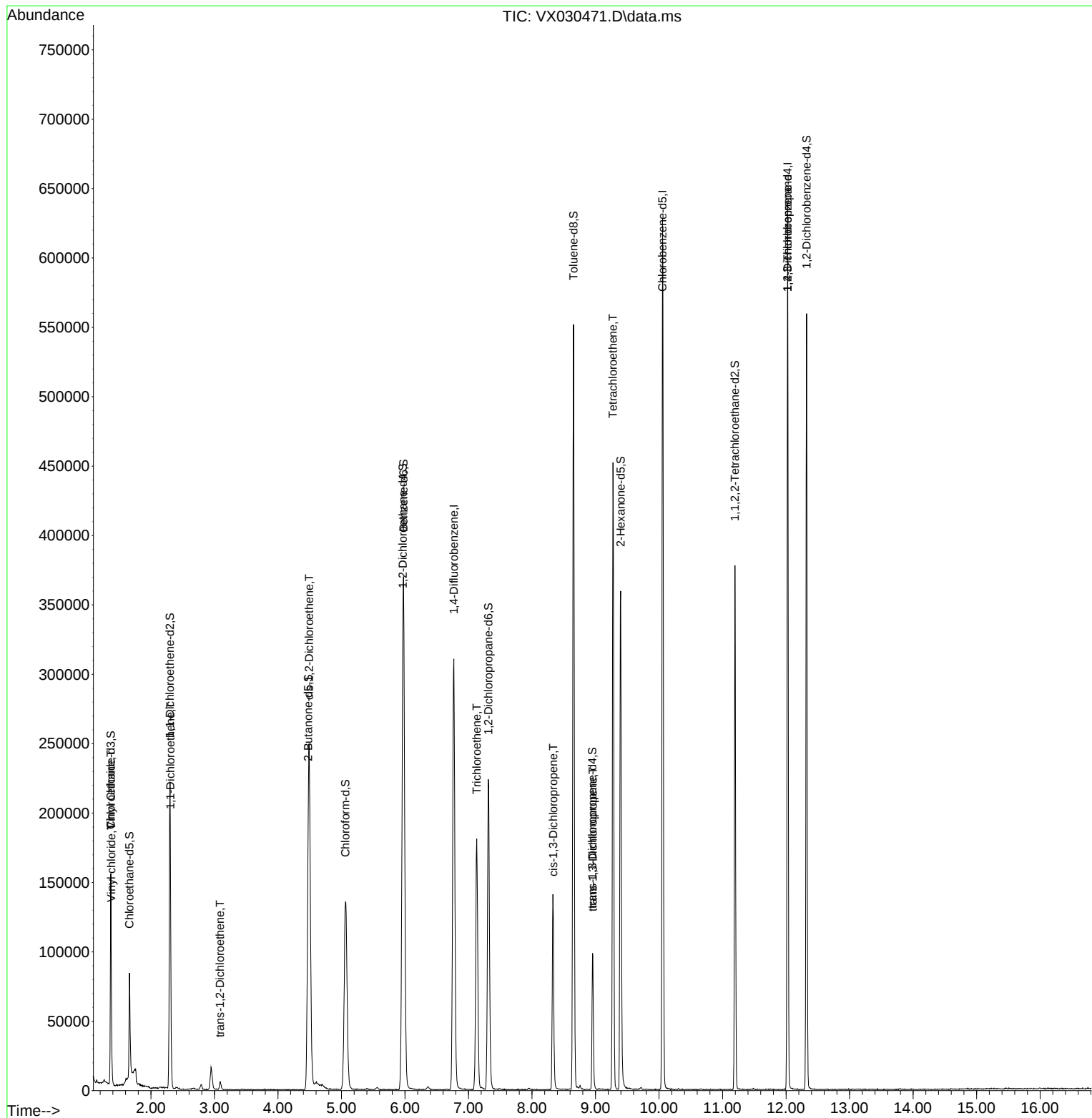
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	303091	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119314	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79590	40.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.780%
7) Chloroethane-d5	1.660	69	42197	30.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.500%#
11) 1,1-Dichloroethene-d2	2.300	63	125429	34.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.140%
21) 2-Butanone-d5	4.477	46	171950	95.346	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.350%
24) Chloroform-d	5.062	84	170150	42.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.940%
26) 1,2-Dichloroethane-d4	5.964	65	120501	44.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
32) Benzene-d6	5.976	84	343695	43.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	7.312	67	111010	43.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.060%
41) Toluene-d8	8.653	98	316959	42.777	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	8.952	79	45088	35.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.080%
47) 2-Hexanone-d5	9.397	63	109017	83.861	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.860%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138296	41.278	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	102669	44.364	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.720%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	20173	9.630	ug/L	95
8) Chloroethane	1.368	64	6961	5.834	ug/L	98
12) 1,1-Dichloroethene	2.306	96	2061	1.215	ug/L #	1
17) trans-1,2-Dichloroethene	3.087	96	2227	1.133	ug/L	89
20) cis-1,2-Dichloroethene	4.489	96	104169	47.117	ug/L	97
34) Trichloroethene	7.129	95	68285	26.796	ug/L	95
39) cis-1,3-Dichloropropene	8.336	75	3655	1.047	ug/L	91
44) trans-1,3-Dichloropropene	8.958	75	2441	0.715	ug/L #	74
46) Tetrachloroethene	9.275	164	76822	47.701	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	14930	5.827	ug/L #	66

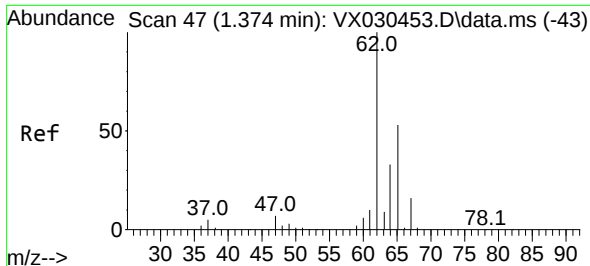
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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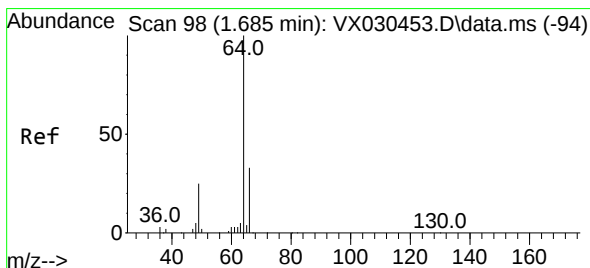
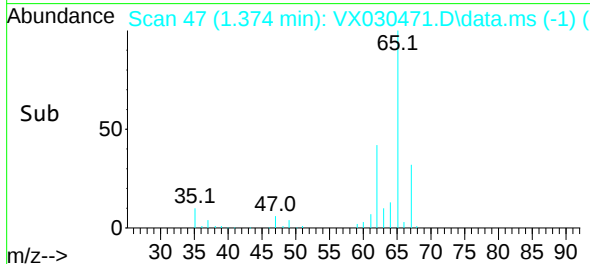
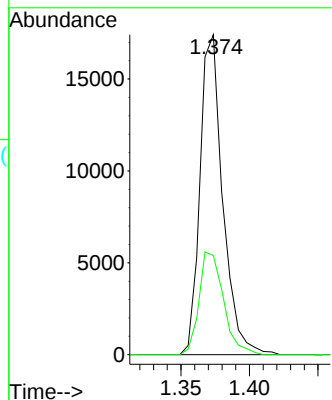
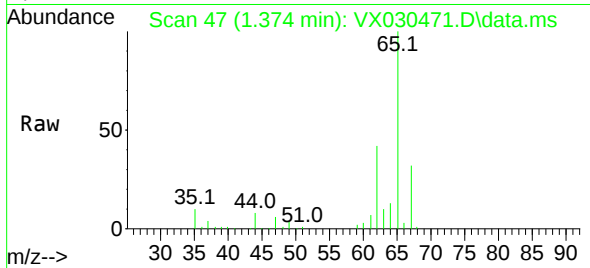




#5
 Vinyl chloride
 Concen: 9.630 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030471.D
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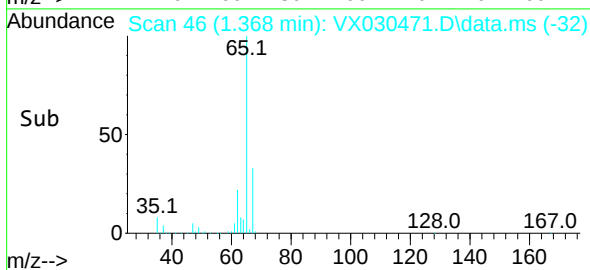
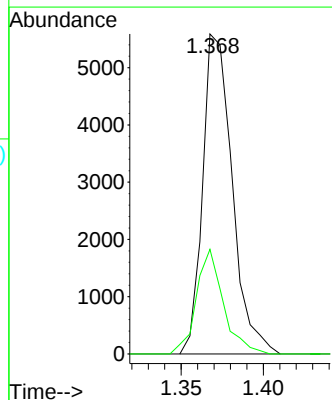
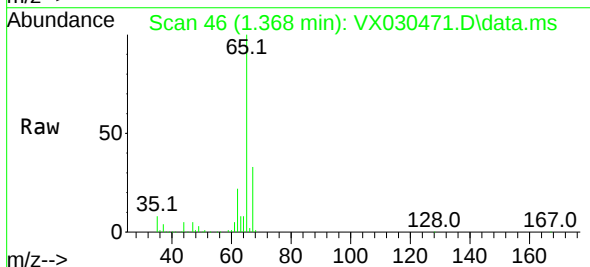
Instrument :
 MSVOA_X
 ClientSampleId :

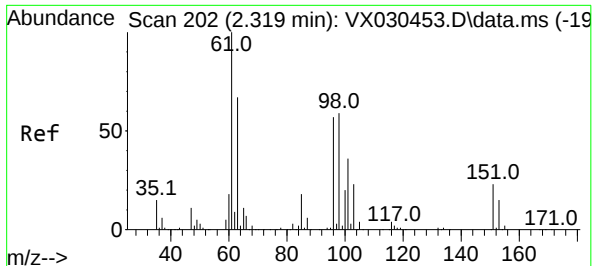
Tgt Ion: 62 Resp: 20173
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.8 44.2



#8
 Chloroethane
 Concen: 5.834 ug/L
 RT: 1.368 min Scan# 46
 Delta R.T. -0.317 min
 Lab File: VX030471.D
 Acq: 06 Aug 2022 17:53

Tgt Ion: 64 Resp: 6961
 Ion Ratio Lower Upper
 64 100
 66 32.7 22.1 41.1





#12

1,1-Dichloroethene

Concen: 1.215 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

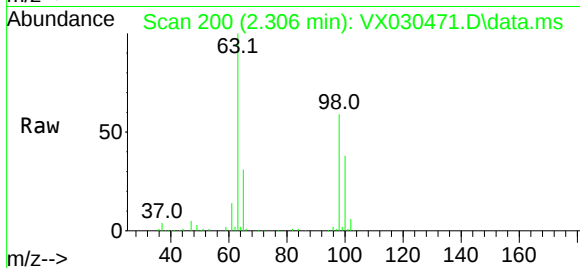
Lab File: VX030471.D

Acq: 06 Aug 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :



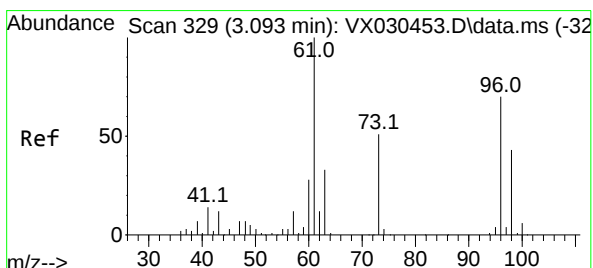
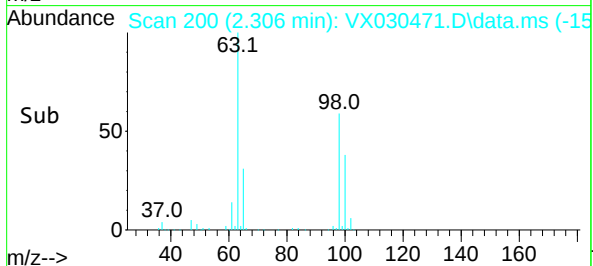
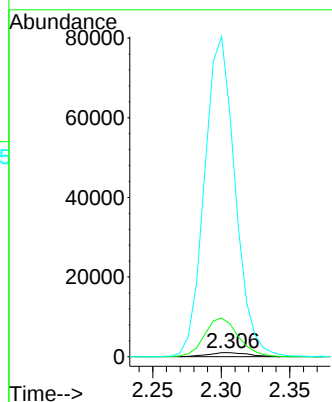
Tgt Ion: 96 Resp: 2061

Ion Ratio Lower Upper

96 100

61 809.5 130.2 241.8#

63 5985.8 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 1.133 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.006 min

Lab File: VX030471.D

Acq: 06 Aug 2022 17:53

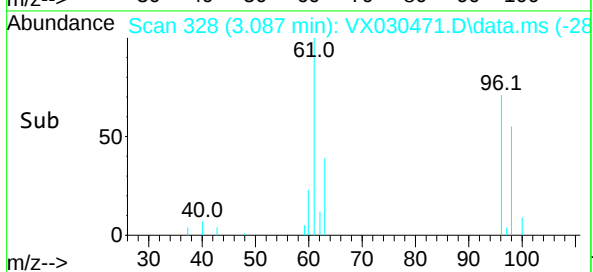
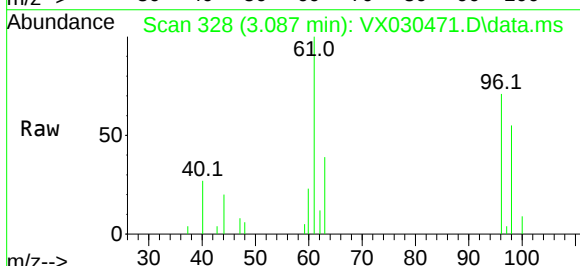
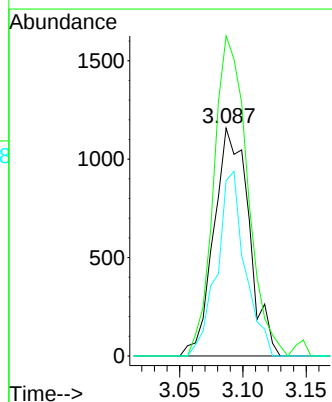
Tgt Ion: 96 Resp: 2227

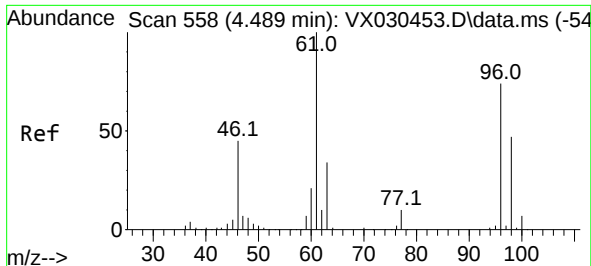
Ion Ratio Lower Upper

96 100

61 140.4 103.7 192.5

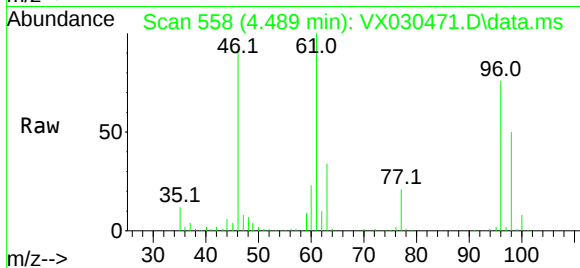
98 76.9 41.5 77.1



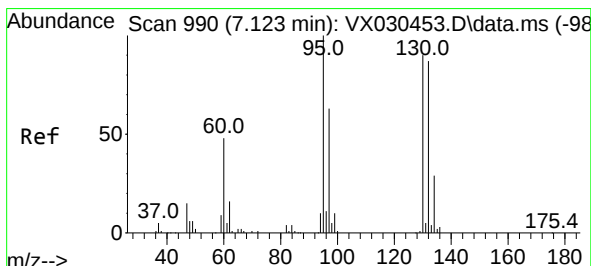
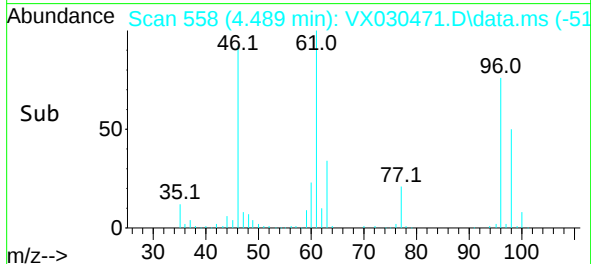
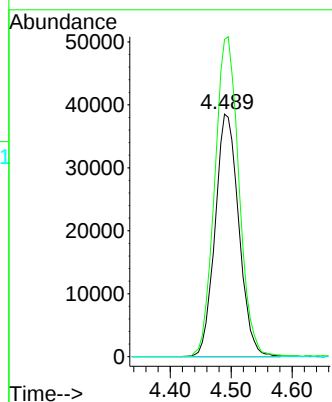


#20
 cis-1,2-Dichloroethene
 Concen: 47.117 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030471.D
 Acq: 06 Aug 2022 17:53

Instrument :
 MSVOA_X
 ClientSampleId :

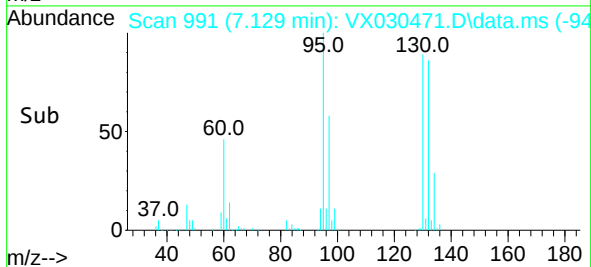
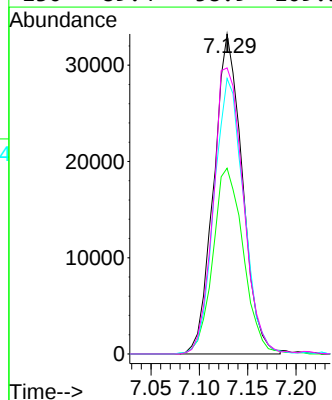
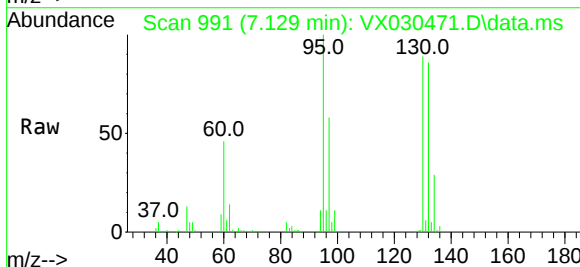


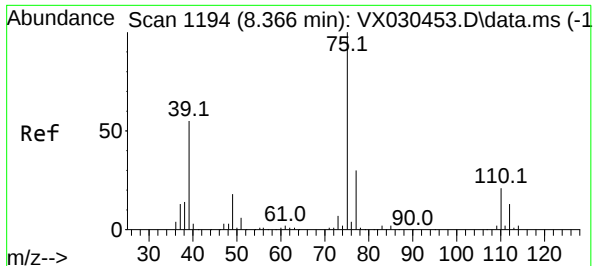
Tgt Ion: 96 Resp: 104169
 Ion Ratio Lower Upper
 96 100
 61 130.8 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 26.796 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030471.D
 Acq: 06 Aug 2022 17:53

Tgt Ion: 95 Resp: 68285
 Ion Ratio Lower Upper
 95 100
 97 58.1 40.2 74.6
 132 86.1 55.3 102.7
 130 89.4 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 8.336 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030471.D

Acq: 06 Aug 2022 17:53

Instrument :

MSVOA_X

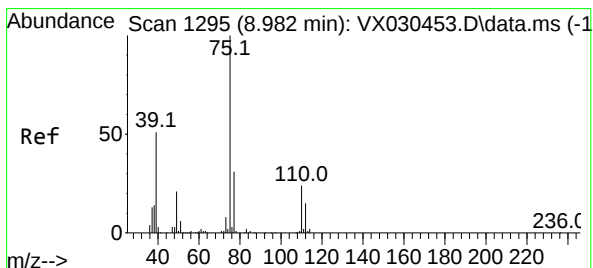
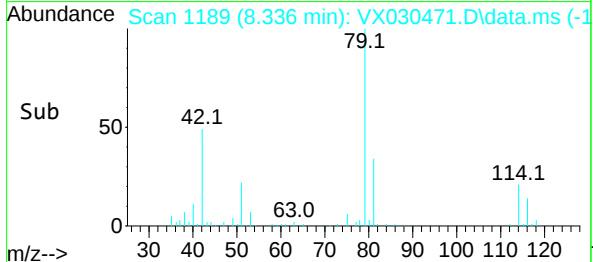
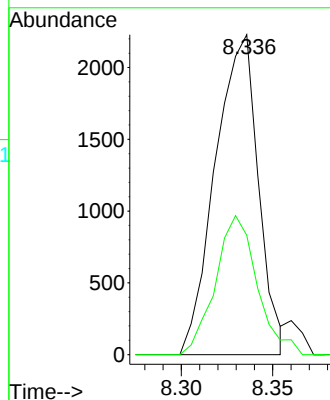
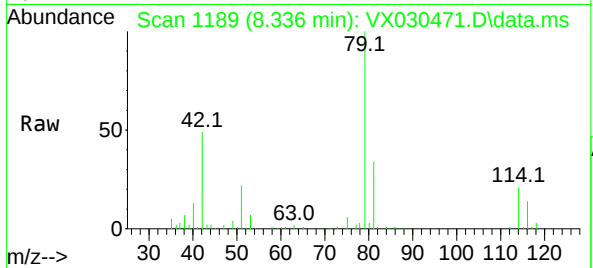
ClientSampleId :

Tgt Ion: 75 Resp: 3655

Ion Ratio Lower Upper

75 100

77 37.3 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.025 min

Lab File: VX030471.D

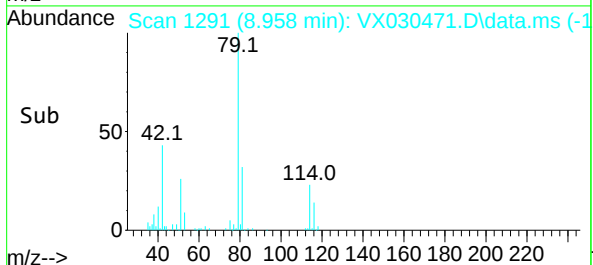
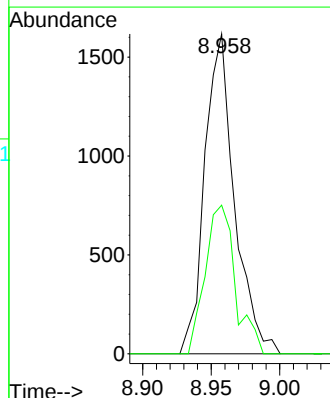
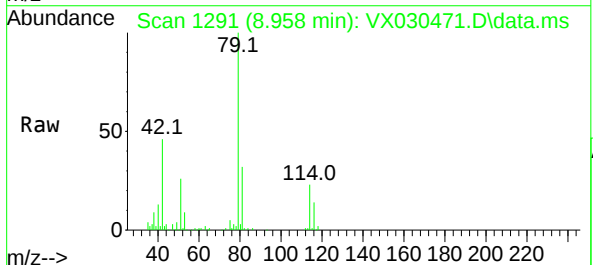
Acq: 06 Aug 2022 17:53

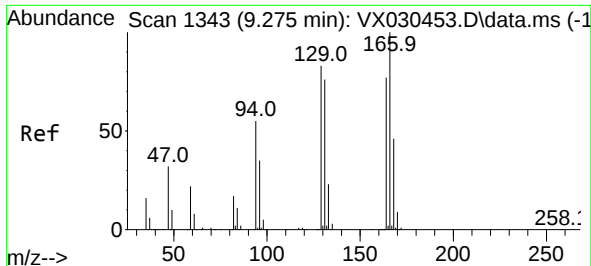
Tgt Ion: 75 Resp: 2441

Ion Ratio Lower Upper

75 100

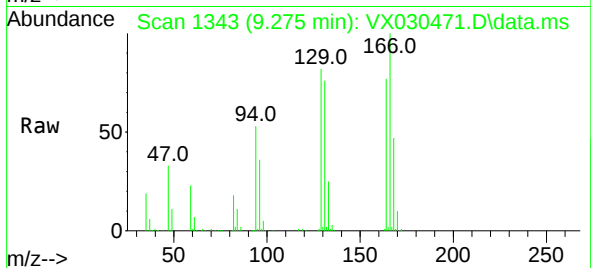
77 46.5 22.5 41.7#



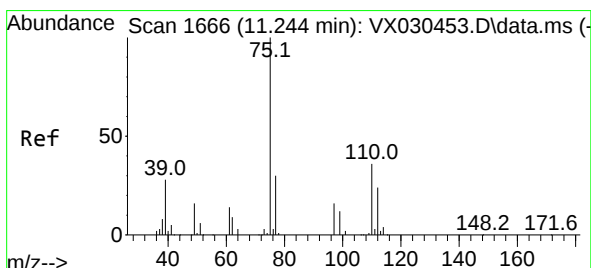
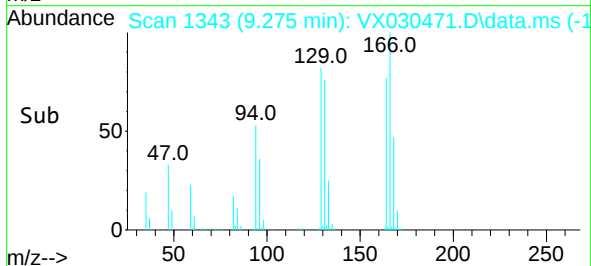
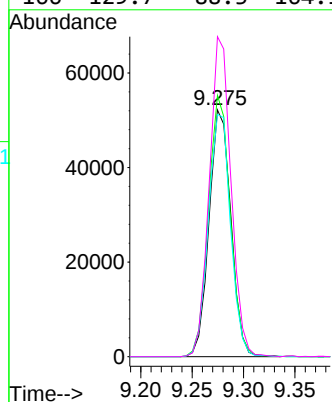


#46
Tetrachloroethene
Concen: 47.701 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030471.D
Acq: 06 Aug 2022 17:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	164	Resp:	76822
Ion	Ratio	Lower	Upper
164	100		
129	105.9	72.7	135.1
131	98.2	69.9	129.9
166	129.7	88.3	164.1



#61
1,2,3-Trichloropropane
Concen: 5.827 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030471.D
Acq: 06 Aug 2022 17:53

Tgt Ion:	75	Resp:	14930
Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.1	39.1
110	3.1	30.5	45.7#

