

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030596.D
 Acq On : 12 Aug 2022 15:57
 Operator : JC/MD
 Sample : N4131-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D87

Quant Time: Aug 12 23:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

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

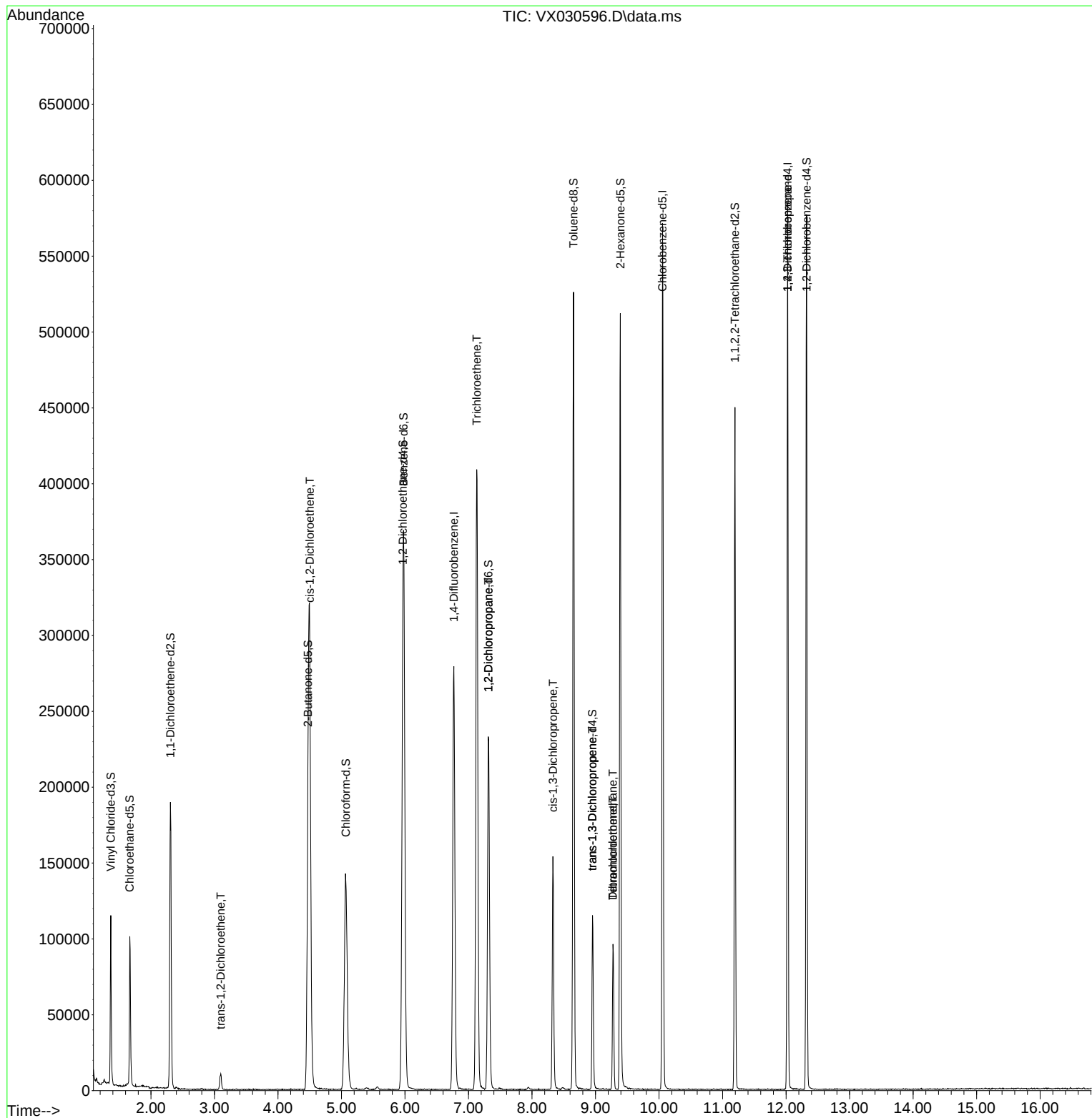
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	265210	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	241544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105779	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68527	40.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.480%
7) Chloroethane-d5	1.666	69	60829	50.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.320%
11) 1,1-Dichloroethene-d2	2.307	63	109005	33.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.680%
21) 2-Butanone-d5	4.471	46	205354	130.132	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.130%#
24) Chloroform-d	5.068	84	173432	49.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
26) 1,2-Dichloroethane-d4	5.964	65	133337	56.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.020%
32) Benzene-d6	5.977	84	338758	48.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	7.312	67	116486	51.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.780%
41) Toluene-d8	8.653	98	296473	45.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	8.952	79	51466	46.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.180%
47) 2-Hexanone-d5	9.391	63	135684	118.582	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	167777	56.894	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.780%
66) 1,2-Dichlorobenzene-d4	12.323	152	104429	50.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.099	96	3961	2.303	ug/L	90
20) cis-1,2-Dichloroethene	4.501	96	151192	78.154	ug/L	96
34) Trichloroethene	7.129	95	160025	71.345	ug/L	91
37) 1,2-Dichloropropane	7.312	63	13859	6.731	ug/L #	91
39) cis-1,3-Dichloropropene	8.330	75	3889	1.266	ug/L	85
44) trans-1,3-Dichloropropene	8.952	75	2706	0.900	ug/L	93
46) Tetrachloroethene	9.275	164	16362	11.543	ug/L	93
49) Dibromochloromethane	9.275	129	17309	8.497	ug/L #	10
61) 1,2,3-Trichloropropane	12.024	75	14424	6.350	ug/L #	65

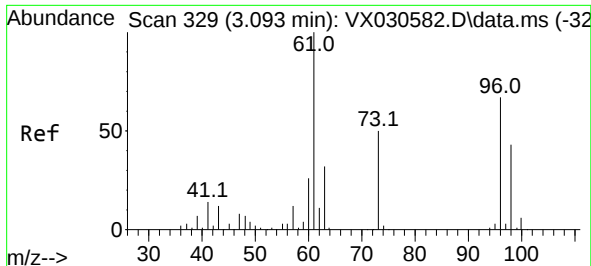
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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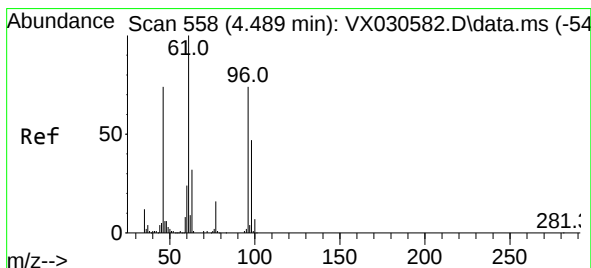
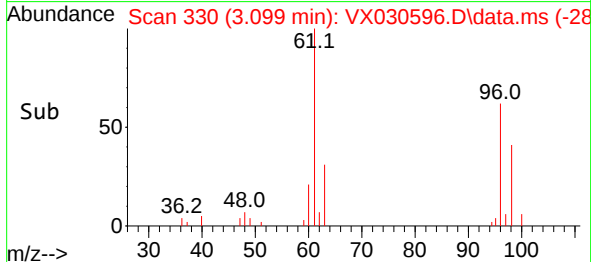
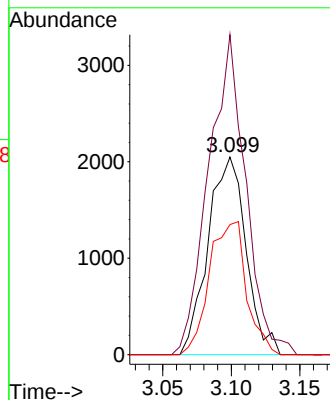
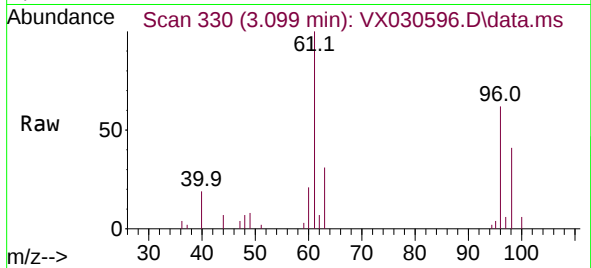




#17
trans-1,2-Dichloroethene
Concen: 2.303 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030596.D
Acq: 12 Aug 2022 15:57

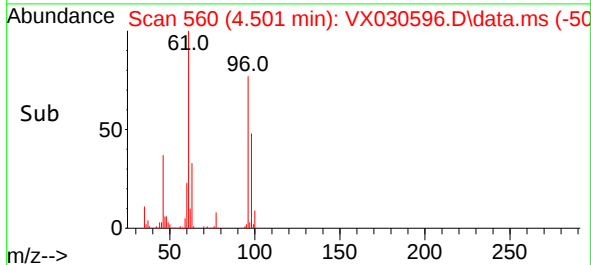
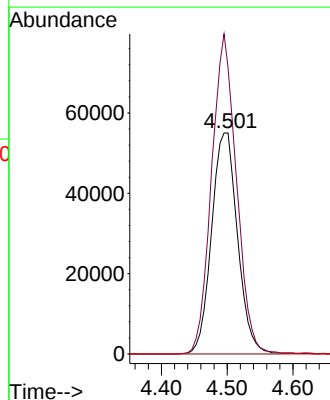
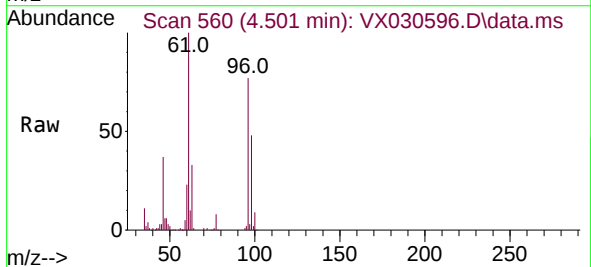
Instrument :
MSVOA_X
ClientSampleId :
F5D87

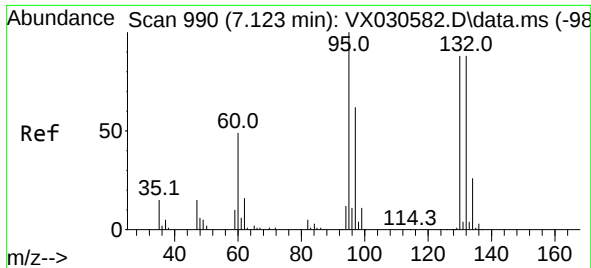
Tgt Ion: 96 Resp: 3961
Ion Ratio Lower Upper
96 100
61 161.9 103.7 192.5
98 65.8 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 78.154 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX030596.D
Acq: 12 Aug 2022 15:57

Tgt Ion: 96 Resp: 151192
Ion Ratio Lower Upper
96 100
61 129.7 94.0 174.6
68 0.0 0.0 0.0

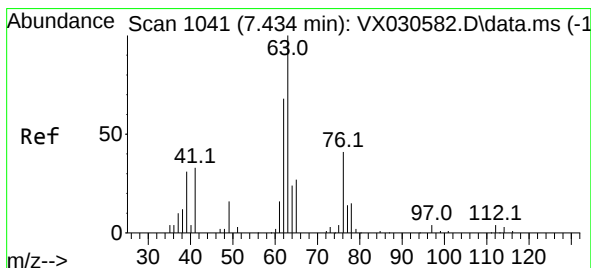
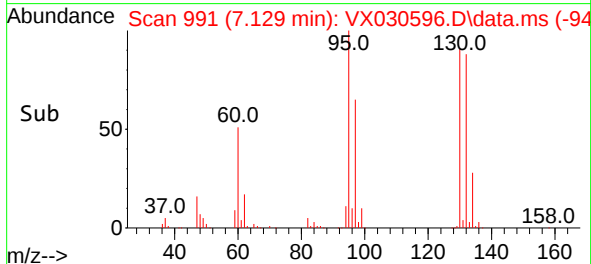
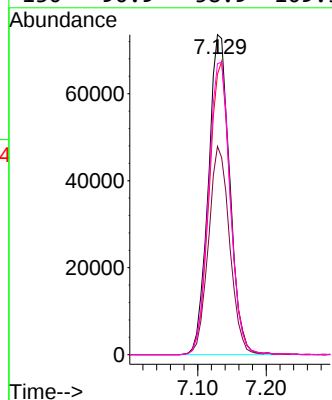
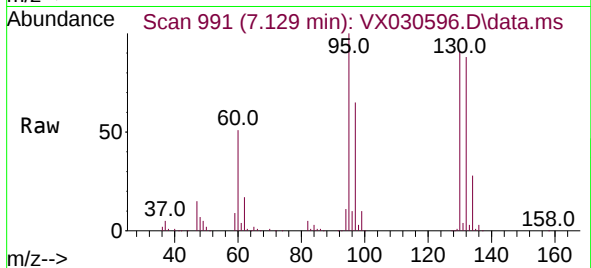




#34
Trichloroethene
Concen: 71.345 ug/L
RT: 7.129 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030596.D
Acq: 12 Aug 2022 15:57

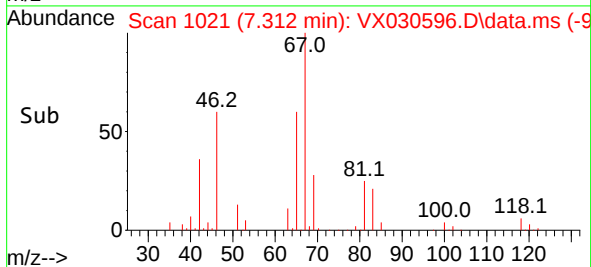
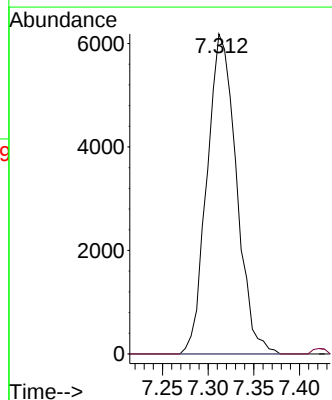
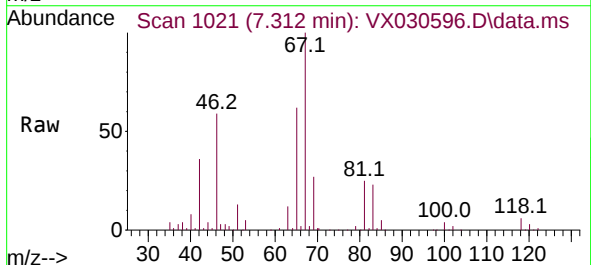
Instrument :
MSVOA_X
ClientSampleId :
F5D87

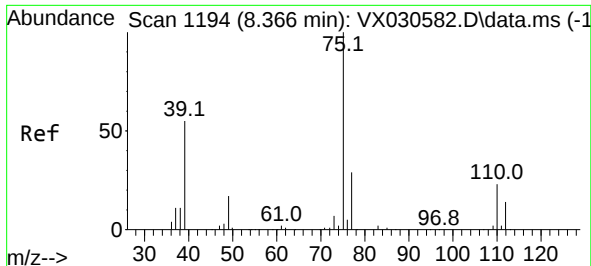
Tgt Ion: 95 Resp: 160025
Ion Ratio Lower Upper
95 100
97 65.1 40.2 74.6
132 87.7 55.3 102.7
130 90.9 58.9 109.5



#37
1,2-Dichloropropane
Concen: 6.731 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX030596.D
Acq: 12 Aug 2022 15:57

Tgt Ion: 63 Resp: 13859
Ion Ratio Lower Upper
63 100
112 0.8 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.266 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX030596.D

Acq: 12 Aug 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

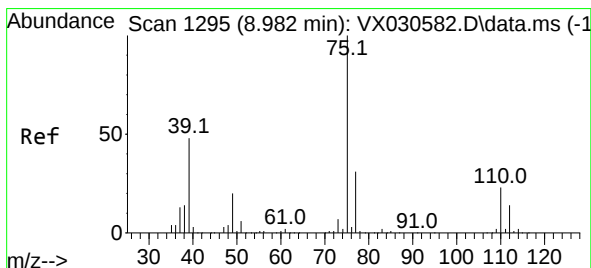
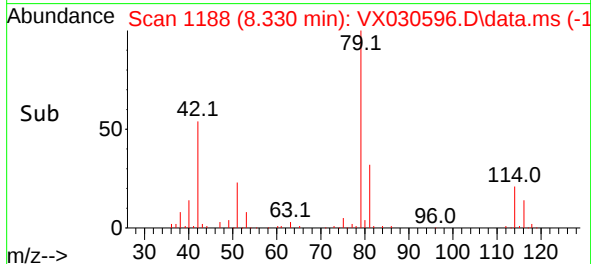
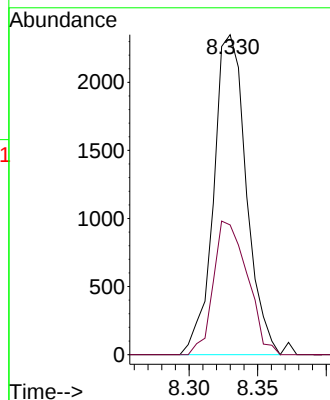
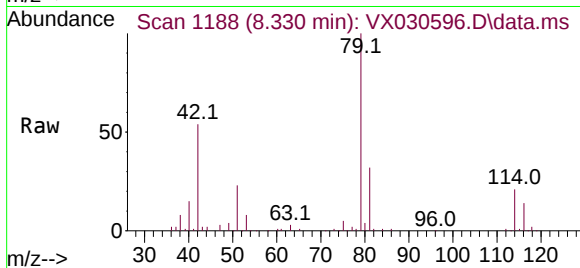
F5D87

Tgt Ion: 75 Resp: 3889

Ion Ratio Lower Upper

75 100

77 40.6 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 0.900 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030596.D

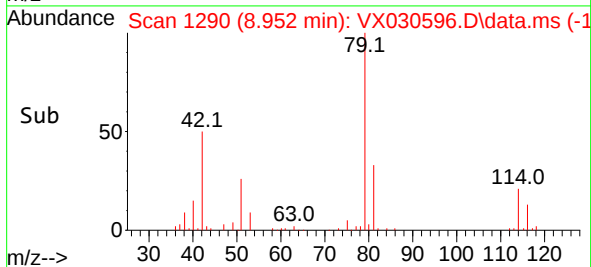
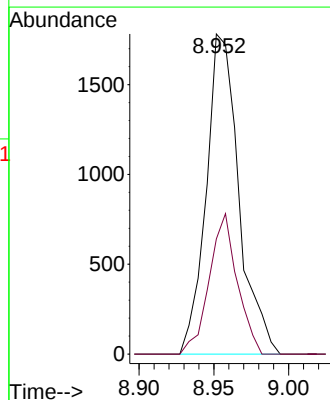
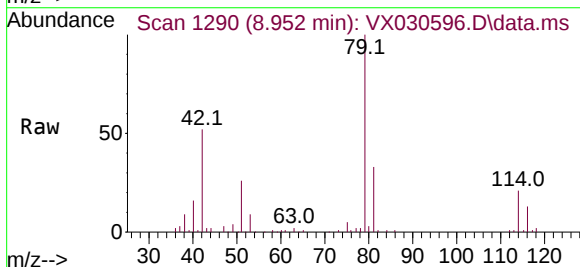
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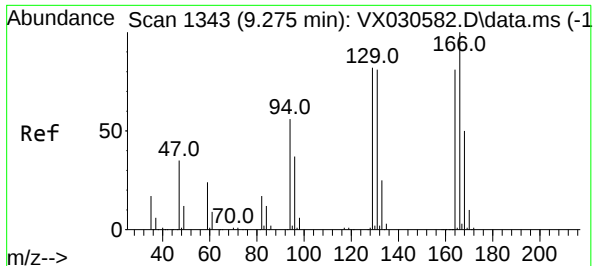
Tgt Ion: 75 Resp: 2706

Ion Ratio Lower Upper

75 100

77 36.0 22.5 41.7

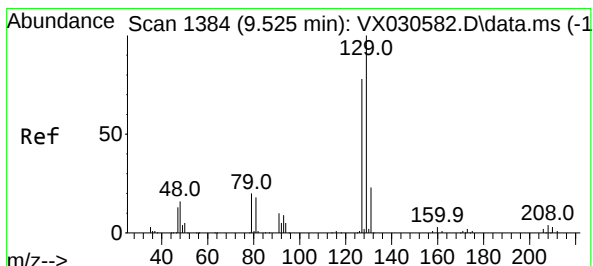
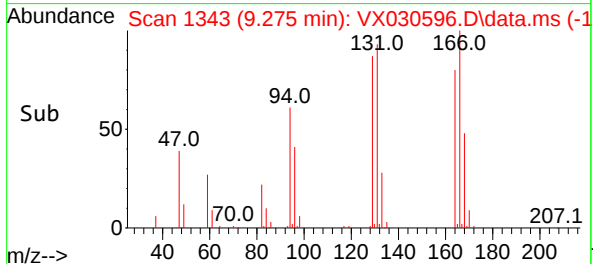
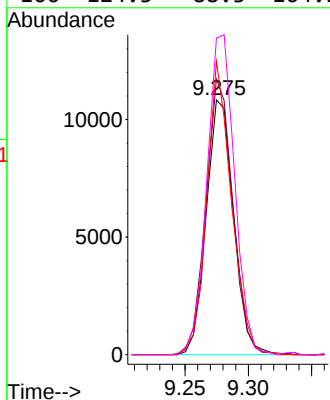
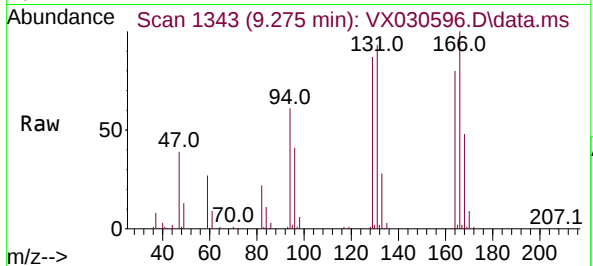




#46
Tetrachloroethene
Concen: 11.543 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030596.D
Acq: 12 Aug 2022 15:57

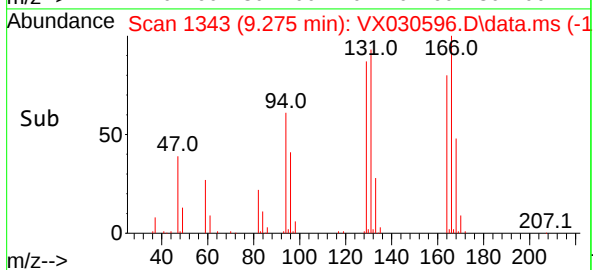
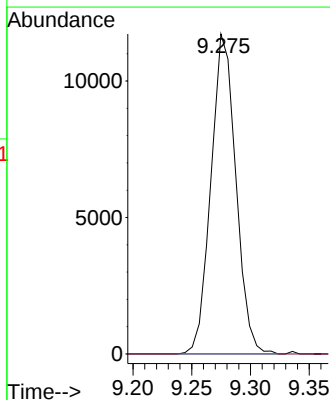
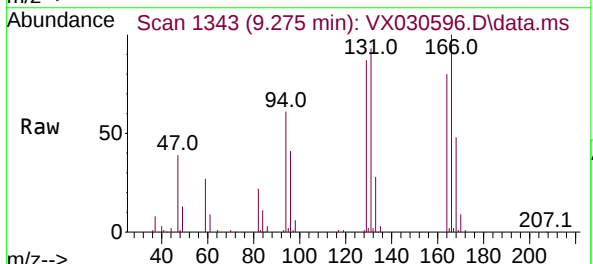
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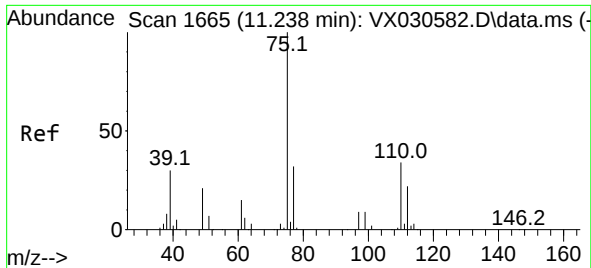
Tgt Ion:164	Resp:	16362
Ion Ratio	Lower	Upper
164	100	
129	108.3	72.7 135.1
131	115.2	69.9 129.9
166	124.3	88.3 164.1



#49
Dibromochloromethane
Concen: 8.497 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030596.D
Acq: 12 Aug 2022 15:57

Tgt Ion:129	Resp:	17309
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.6 103.2#





#61
 1,2,3-Trichloropropane
 Concen: 6.350 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.787 min
 Lab File: VX030596.D
 Acq: 12 Aug 2022 15:57

Instrument :
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Tgt Ion: 75 Resp: 14424
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.1 39.1
 110 3.0 30.5 45.7#

