

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030594.D
 Acq On : 12 Aug 2022 15:11
 Operator : JC/MD
 Sample : N4131-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D60

Quant Time: Aug 12 23:30:52 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)

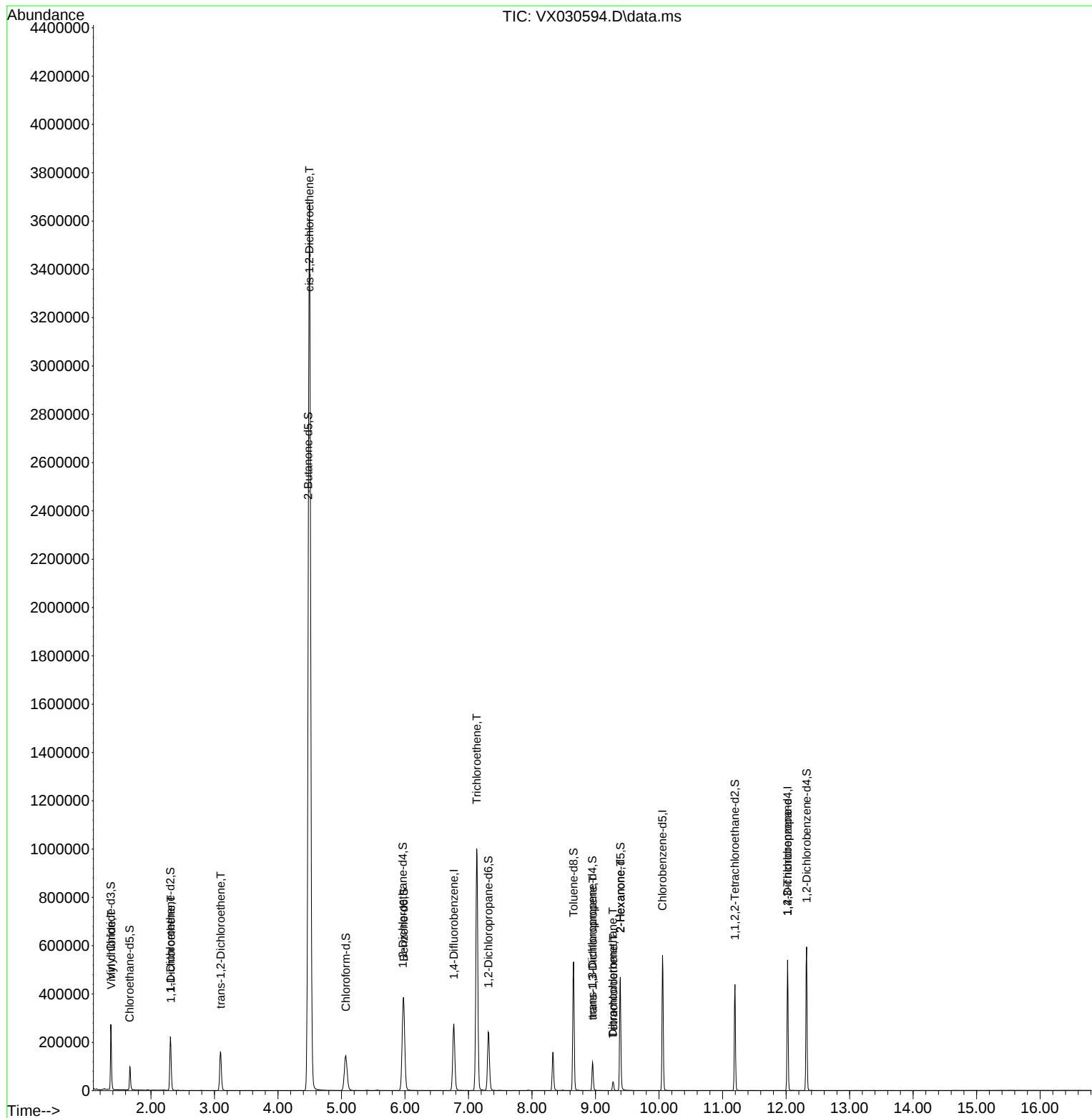
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	255320	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	230586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70521	43.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.020%
7) Chloroethane-d5	1.666	69	61747	53.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.840%
11) 1,1-Dichloroethene-d2	2.306	63	121179	39.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.140%
21) 2-Butanone-d5	4.477	46	203402	133.888	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.890%#
24) Chloroform-d	5.068	84	178232	52.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.620%
26) 1,2-Dichloroethane-d4	5.964	65	133936	58.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.880%
32) Benzene-d6	5.983	84	344608	52.173	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
36) 1,2-Dichloropropane-d6	7.312	67	118064	55.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.180%
41) Toluene-d8	8.653	98	299660	48.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
43) trans-1,3-Dichloroprop...	8.952	79	52705	49.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.880%
47) 2-Hexanone-d5	9.391	63	129394	118.459	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.460%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	164458	58.419	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	112464	59.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.860%
Target Compounds						
5) Vinyl chloride	1.374	62	105050	59.533	ug/L	98
12) 1,1-Dichloroethene	2.313	96	3468	2.427	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	61708	37.273	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	2084849	1119.450	ug/L	96
34) Trichloroethene	7.129	95	369108	172.381	ug/L	92
44) trans-1,3-Dichloropropene	8.958	75	2567	0.894	ug/L	95
46) Tetrachloroethene	9.281	164	6576	4.859	ug/L	91
48) 2-Hexanone	9.391	43	18148	6.823	ug/L #	69
49) Dibromochloromethane	9.275	129	6493	3.339	ug/L #	10
61) 1,2,3-Trichloropropane	12.024	75	13946	6.656	ug/L #	67

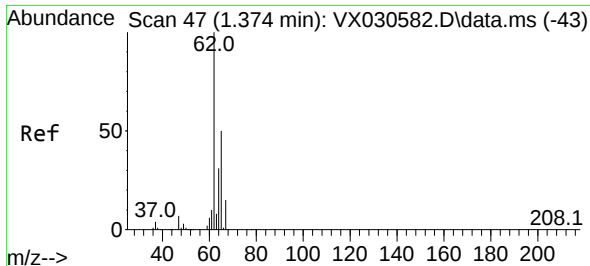
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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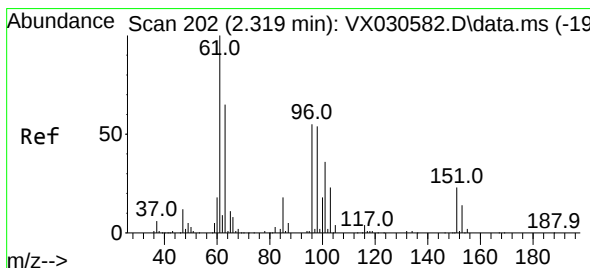
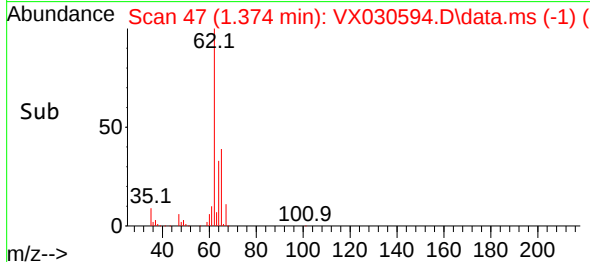
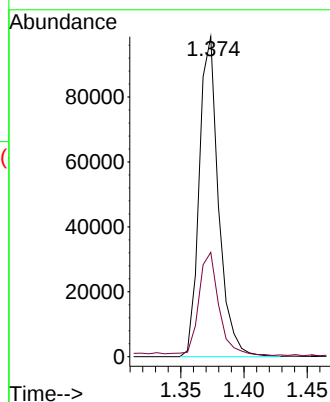
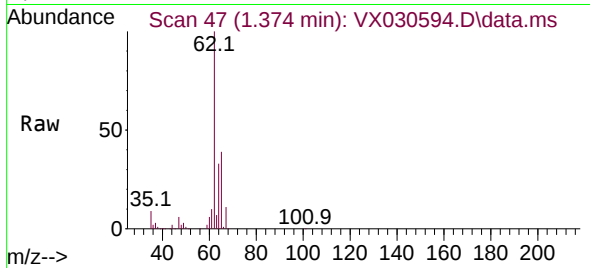




#5
 Vinyl chloride
 Concen: 59.533 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030594.D
 Acq: 12 Aug 2022 15:11

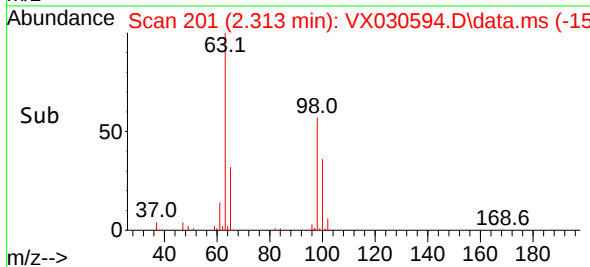
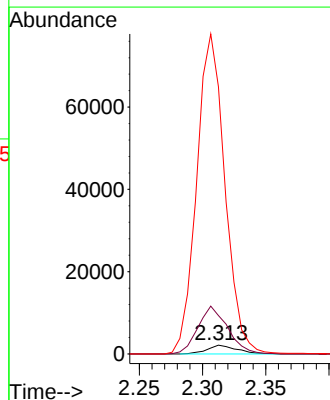
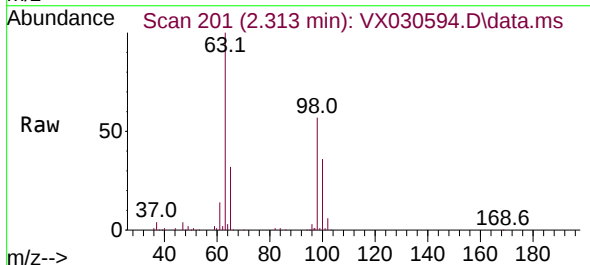
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D60

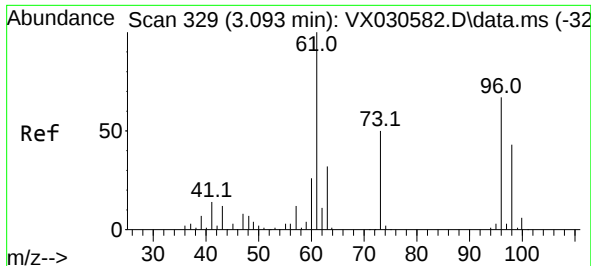
Tgt Ion: 62 Resp: 105050
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 2.427 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030594.D
 Acq: 12 Aug 2022 15:11

Tgt Ion: 96 Resp: 3468
 Ion Ratio Lower Upper
 96 100
 61 436.9 130.2 241.8#
 63 3041.5 113.5 210.9#

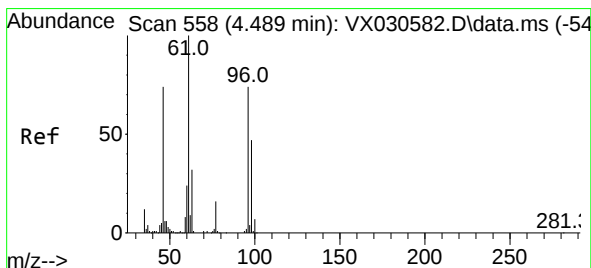
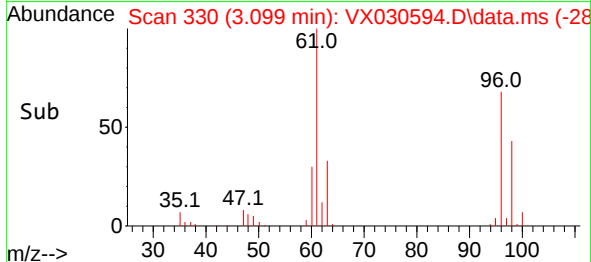
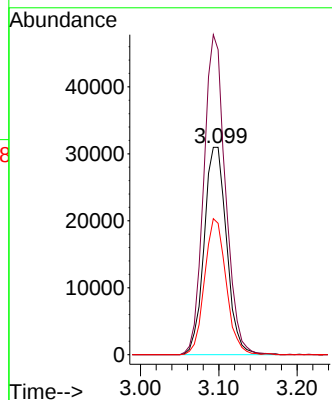
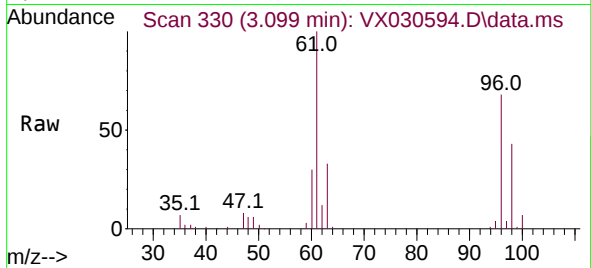




#17
trans-1,2-Dichloroethene
Concen: 37.273 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030594.D
Acq: 12 Aug 2022 15:11

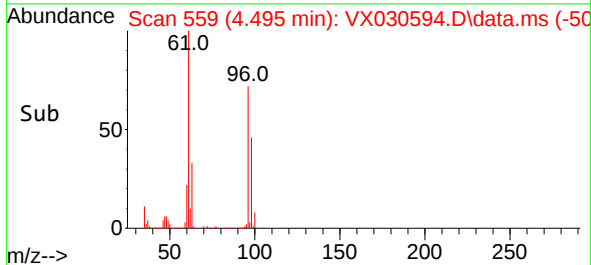
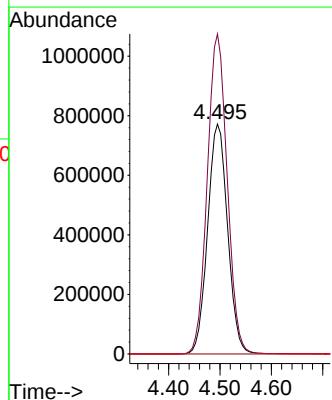
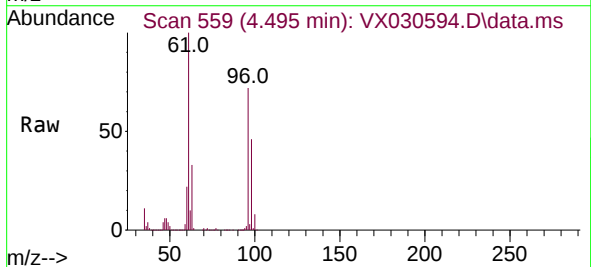
Instrument :
MSVOA_X
ClientSampleId :
F5D60

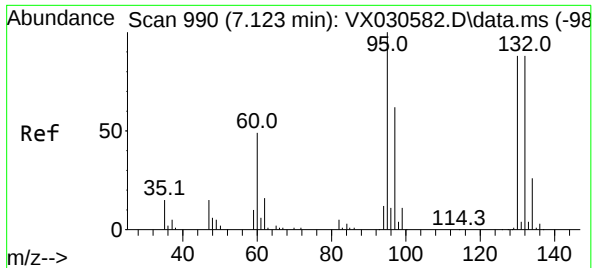
Tgt Ion: 96 Resp: 61708
Ion Ratio Lower Upper
96 100
61 147.0 103.7 192.5
98 63.3 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 1119.450 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030594.D
Acq: 12 Aug 2022 15:11

Tgt Ion: 96 Resp: 2084849
Ion Ratio Lower Upper
96 100
61 139.2 94.0 174.6
68 0.0 0.0 0.0

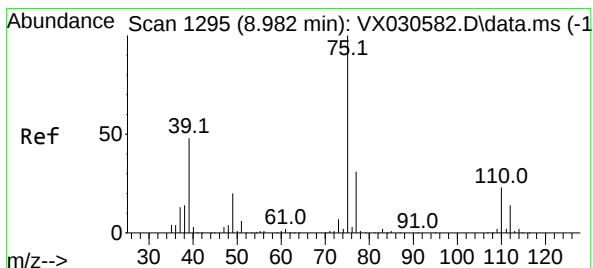
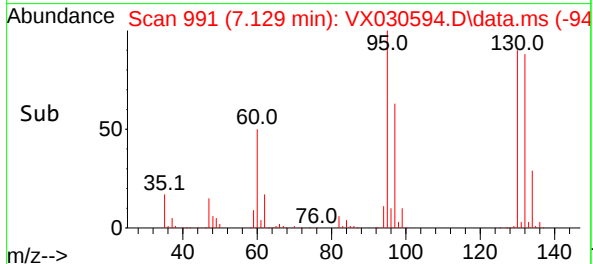
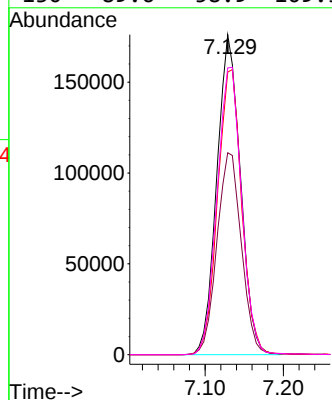
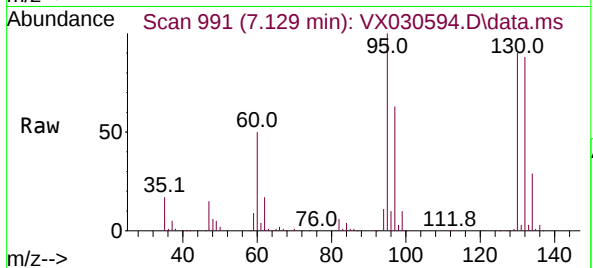




#34
Trichloroethene
Concen: 172.381 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX030594.D
Acq: 12 Aug 2022 15:11

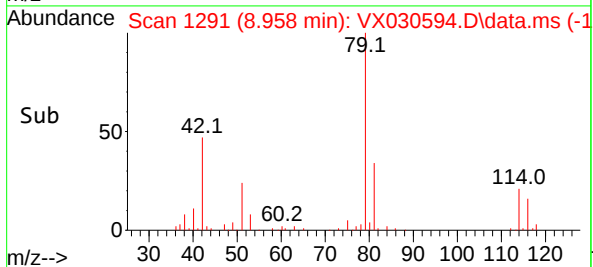
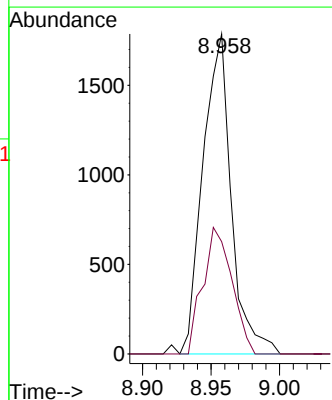
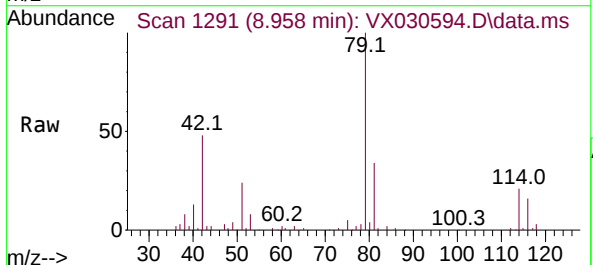
Instrument :
MSVOA_X
ClientSampleId :
F5D60

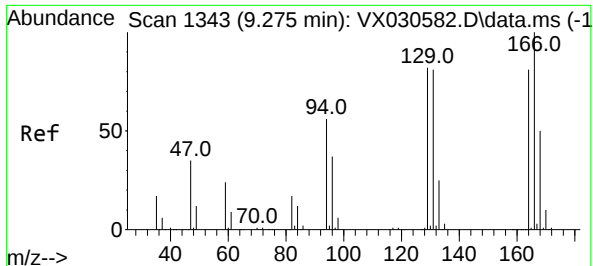
Tgt Ion: 95 Resp: 369108
Ion Ratio Lower Upper
95 100
97 63.1 40.2 74.6
132 88.3 55.3 102.7
130 89.6 58.9 109.5



#44
trans-1,3-Dichloropropene
Concen: 0.894 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX030594.D
Acq: 12 Aug 2022 15:11

Tgt Ion: 75 Resp: 2567
Ion Ratio Lower Upper
75 100
77 35.1 22.5 41.7



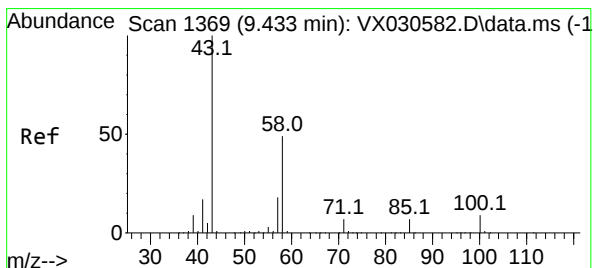
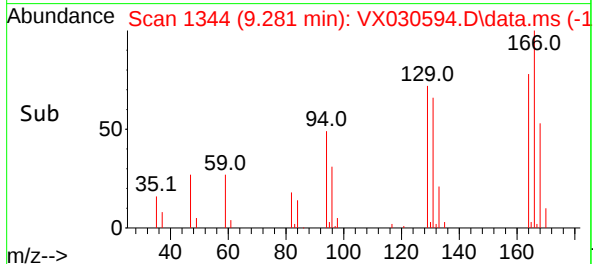
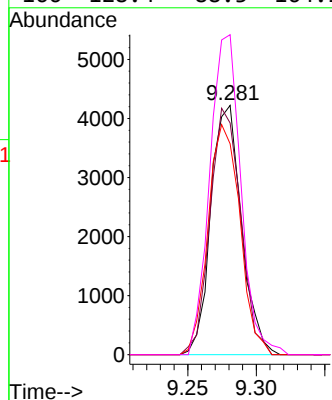
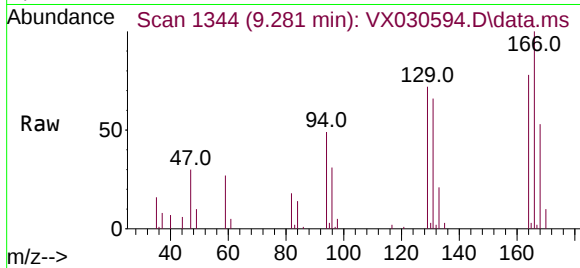


#46
Tetrachloroethene
Concen: 4.859 ug/L
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030594.D
Acq: 12 Aug 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
F5D60

Tgt Ion:164 Resp: 6576

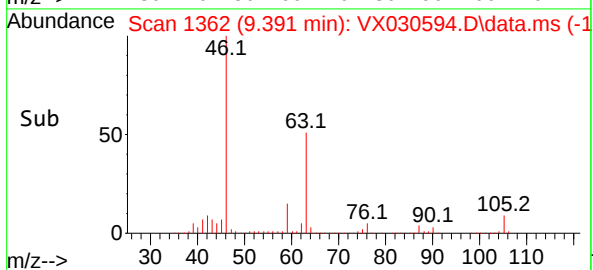
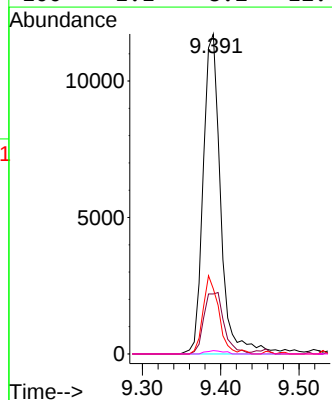
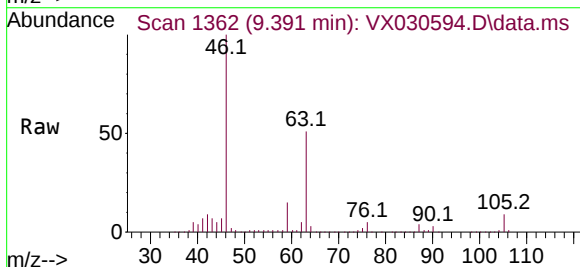
Ion	Ratio	Lower	Upper
164	100		
129	92.9	72.7	135.1
131	84.6	69.9	129.9
166	128.4	88.3	164.1

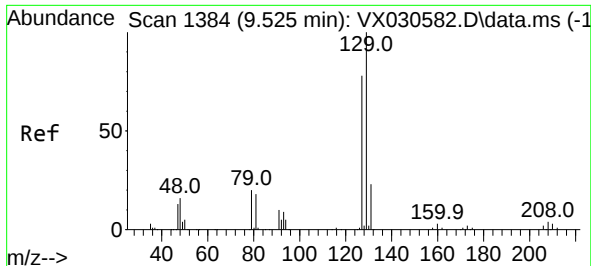


#48
2-Hexanone
Concen: 6.823 ug/L
RT: 9.391 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX030594.D
Acq: 12 Aug 2022 15:11

Tgt Ion: 43 Resp: 18148

Ion	Ratio	Lower	Upper
43	100		
58	22.0	40.4	60.6#
57	21.6	14.6	22.0
100	1.1	8.2	12.4#





#49

Dibromochloromethane

Concen: 3.339 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX030594.D

Acq: 12 Aug 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

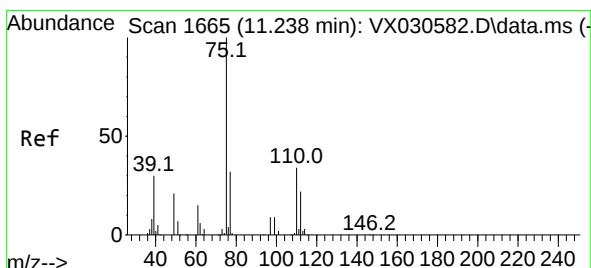
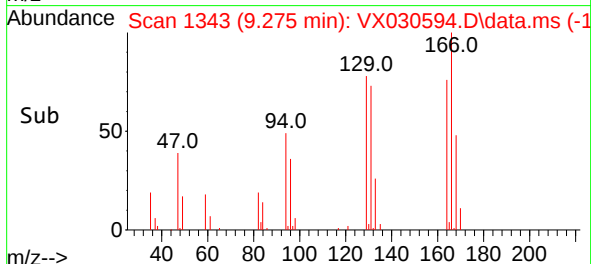
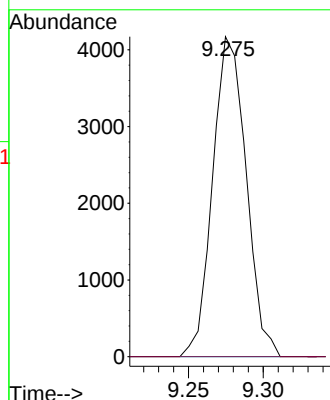
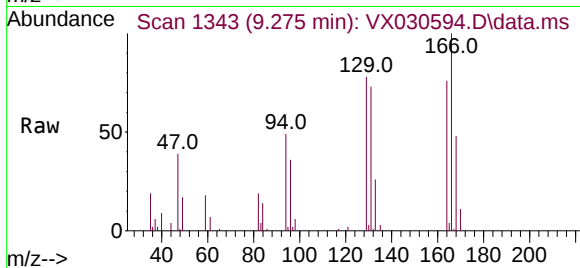
F5D60

Tgt Ion:129 Resp: 6493

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.2#



#61

1,2,3-Trichloropropane

Concen: 6.656 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.787 min

Lab File: VX030594.D

Acq: 12 Aug 2022 15:11

Tgt Ion: 75 Resp: 13946

Ion Ratio Lower Upper

75 100

77 35.0 26.1 39.1

110 3.3 30.5 45.7#

