

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030547.D
 Acq On : 10 Aug 2022 13:13
 Operator : JC/MD
 Sample : N4114-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D44DL

Quant Time: Aug 10 13:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

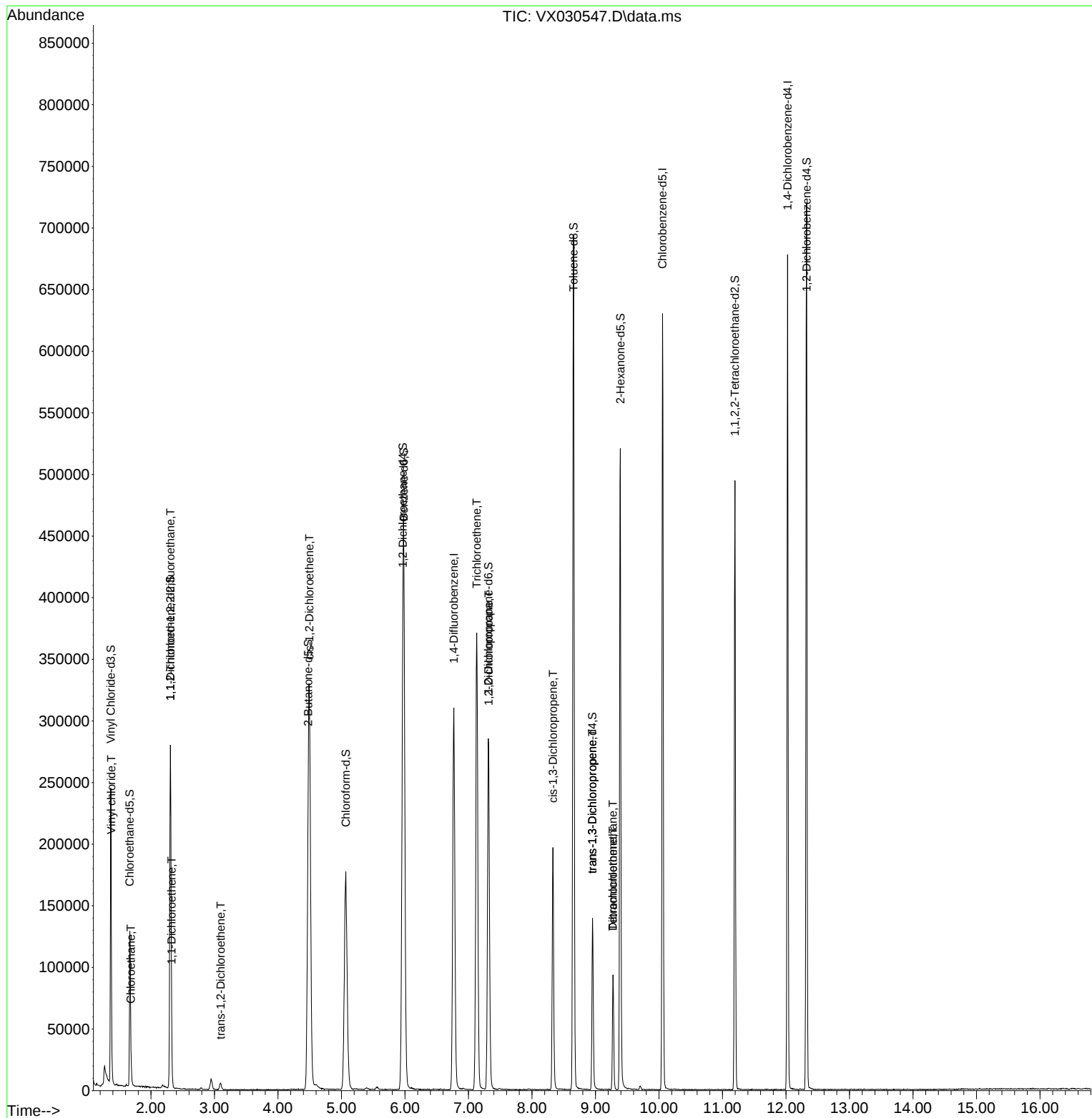
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	290016	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121997	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101800	54.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.320%	
7) Chloroethane-d5	1.666	69	79914	60.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 121.740%	
11) 1,1-Dichloroethene-d2	2.307	63	154796	43.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 87.880%	
21) 2-Butanone-d5	4.477	46	211941	122.819	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 122.820%	
24) Chloroform-d	5.068	84	214423	55.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.860%	
26) 1,2-Dichloroethane-d4	5.964	65	155457	59.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 119.440%	
32) Benzene-d6	5.983	84	420195	55.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.200%	
36) 1,2-Dichloropropane-d6	7.312	67	140364	57.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 114.500%	
41) Toluene-d8	8.653	98	384095	53.918	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.840%	
43) trans-1,3-Dichloroprop...	8.952	79	64078	52.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.060%	
47) 2-Hexanone-d5	9.391	63	142057	113.663	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 113.660%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	183878	57.086	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 114.180%	
66) 1,2-Dichlorobenzene-d4	12.323	152	130758	55.259	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.520%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	54923	27.402	ug/L	97
8) Chloroethane	1.685	64	3212	2.813	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1551	0.880	ug/L #	20
12) 1,1-Dichloroethene	2.325	96	4241	2.613	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	2125	1.130	ug/L #	78
20) cis-1,2-Dichloroethene	4.495	96	147324	69.641	ug/L	100
34) Trichloroethene	7.129	95	140643	57.406	ug/L	91
37) 1,2-Dichloropropane	7.318	63	17006	7.561	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	4484	1.336	ug/L #	64
44) trans-1,3-Dichloropropene	8.952	75	3269	0.995	ug/L	100
46) Tetrachloroethene	9.275	164	15164	9.794	ug/L	97
49) Dibromochloromethane	9.275	129	15577	7.001	ug/L #	10

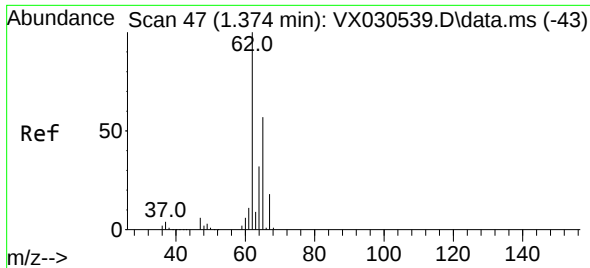
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 10 01:21:25 2022
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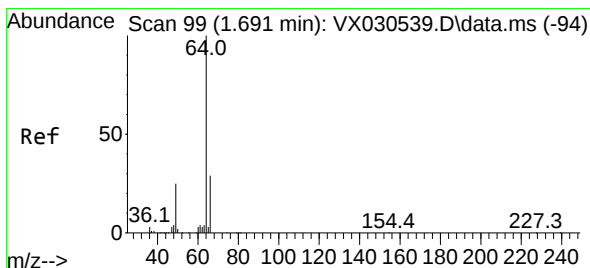
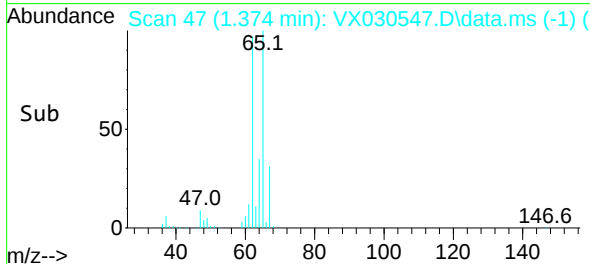
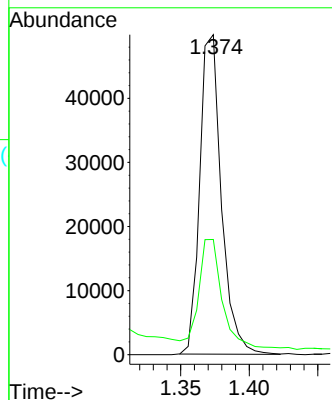
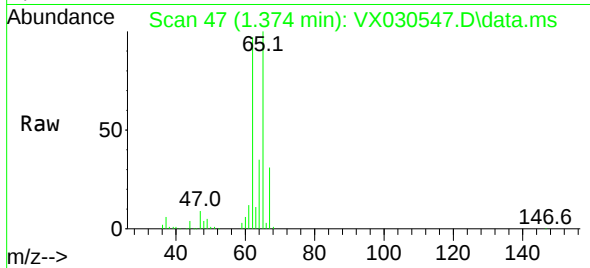




#5
 Vinyl chloride
 Concen: 27.402 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030547.D
 Acq: 10 Aug 2022 13:13

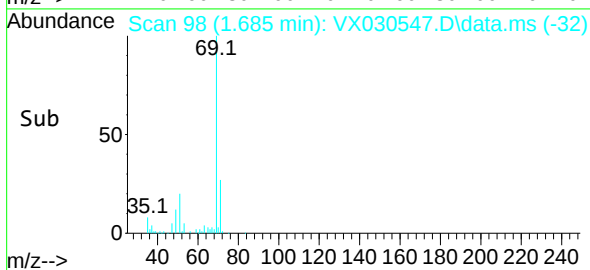
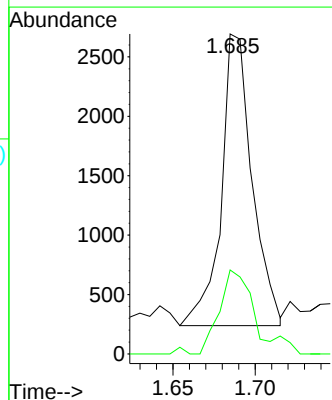
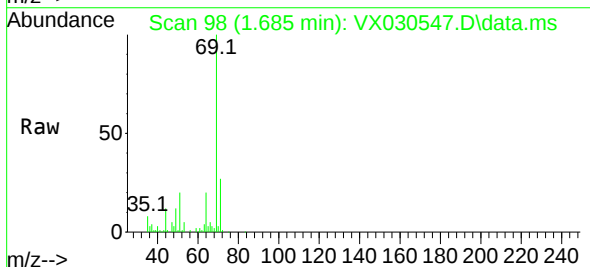
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D44DL

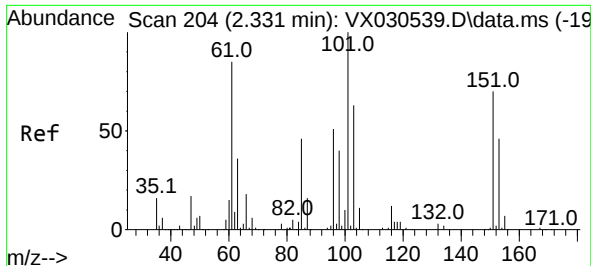
Tgt Ion: 62 Resp: 54923
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.8 44.2



#8
 Chloroethane
 Concen: 2.813 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX030547.D
 Acq: 10 Aug 2022 13:13

Tgt Ion: 64 Resp: 3212
 Ion Ratio Lower Upper
 64 100
 66 26.3 22.1 41.1

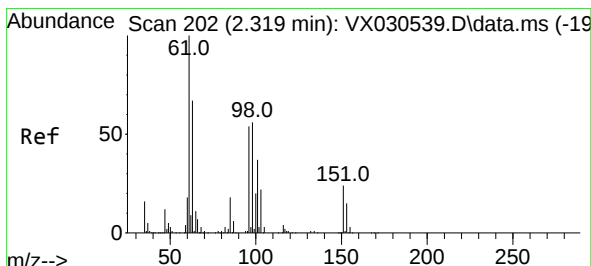
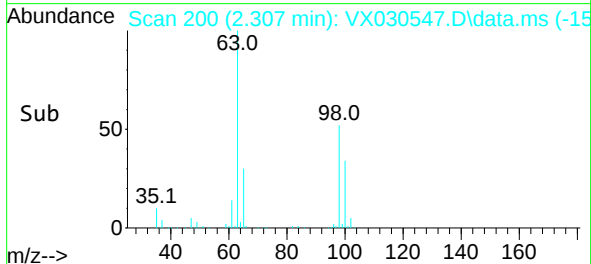
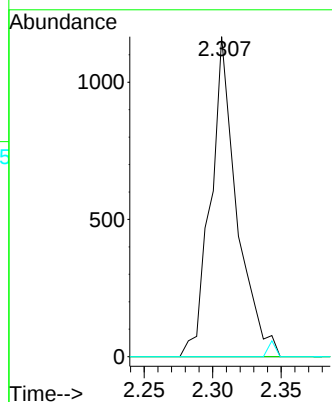
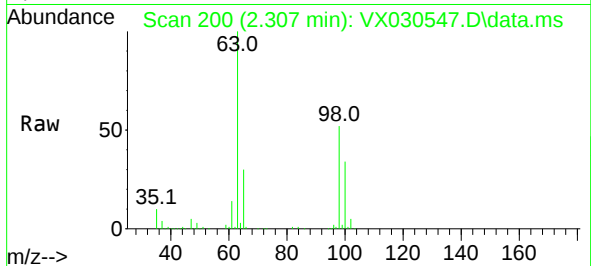




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.880 ug/L
RT: 2.307 min Scan# 20
Delta R.T. -0.018 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

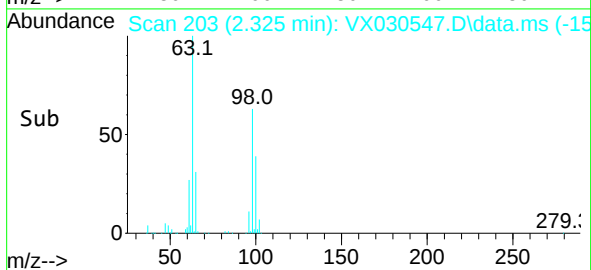
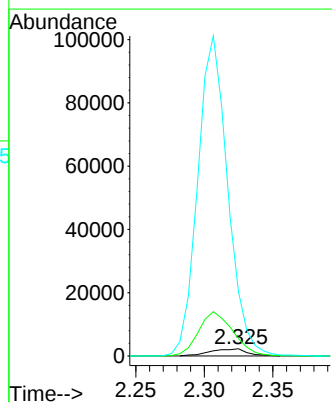
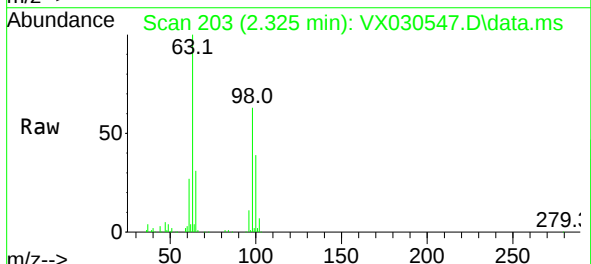
Instrument :
MSVOA_X
ClientSampleId :
F5D44DL

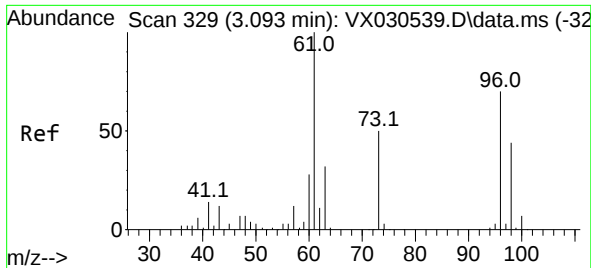
Tgt Ion:101 Resp: 1551
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 2.613 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

Tgt Ion: 96 Resp: 4241
Ion Ratio Lower Upper
96 100
61 242.8 130.2 241.8#
63 902.3 113.5 210.9#

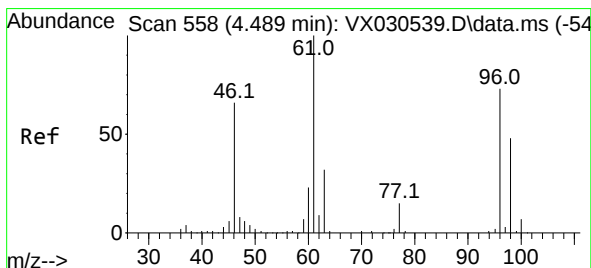
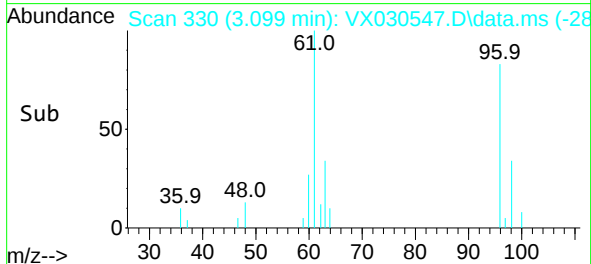
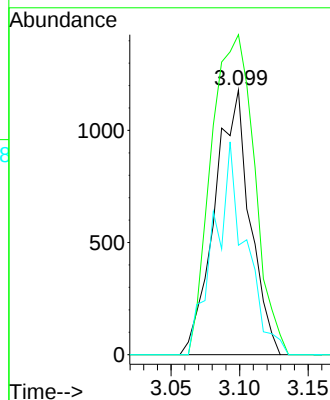
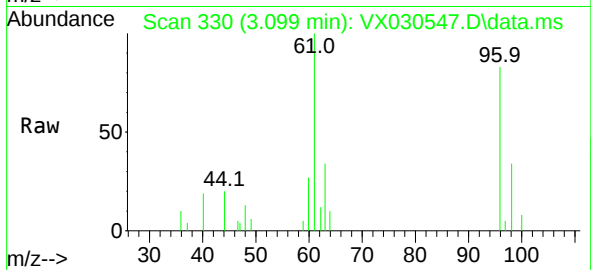




#17
trans-1,2-Dichloroethene
Concen: 1.130 ug/L
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

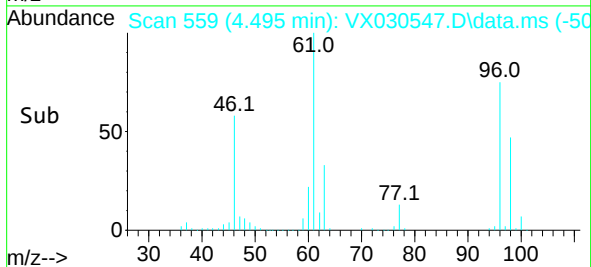
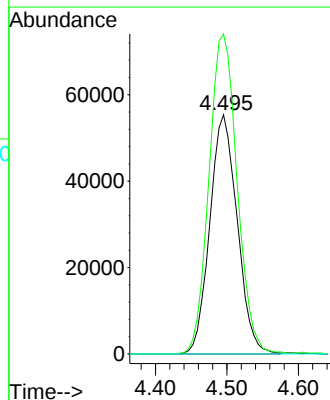
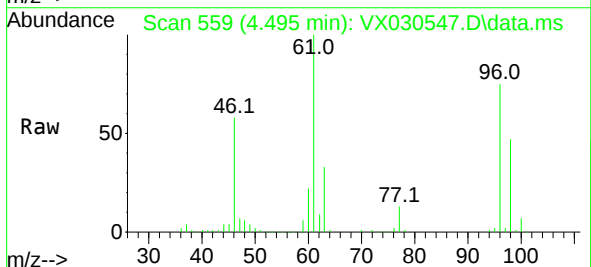
Instrument :
MSVOA_X
ClientSampleId :
F5D44DL

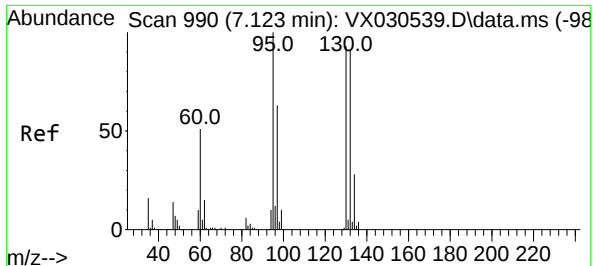
Tgt Ion: 96 Resp: 2125
Ion Ratio Lower Upper
96 100
61 120.9 103.7 192.5
98 41.4 41.5 77.1#



#20
cis-1,2-Dichloroethene
Concen: 69.641 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

Tgt Ion: 96 Resp: 147324
Ion Ratio Lower Upper
96 100
61 133.8 94.0 174.6
68 0.0 0.0 0.0

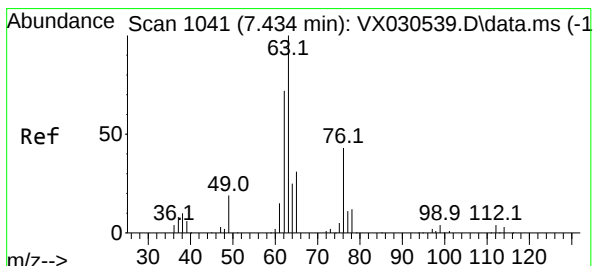
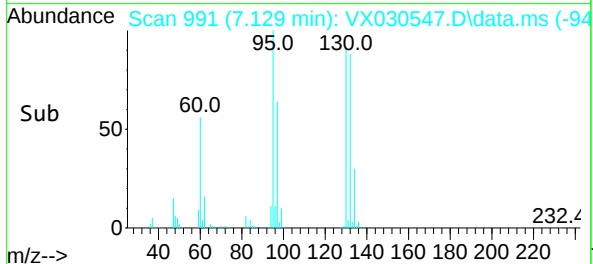
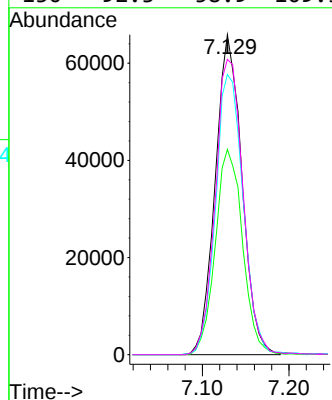
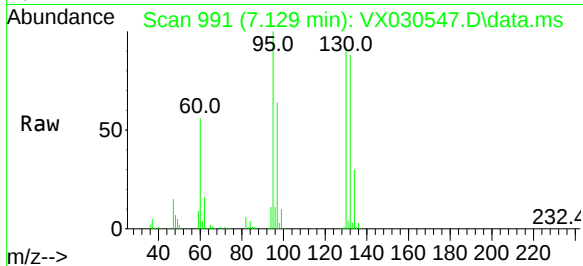




#34
Trichloroethene
Concen: 57.406 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

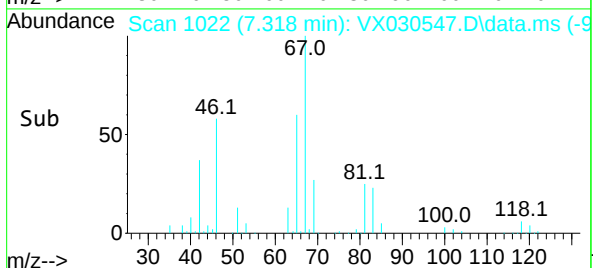
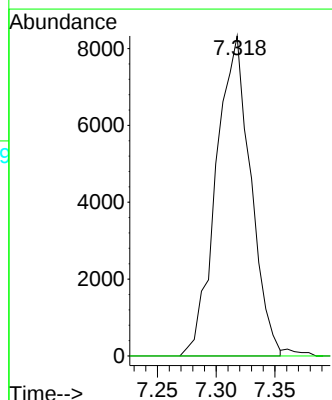
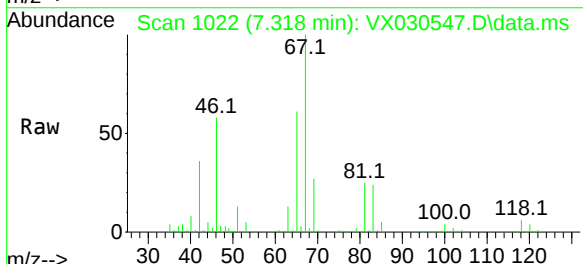
Instrument :
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ClientSampleId :
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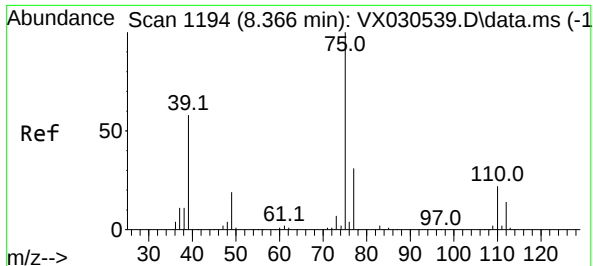
Tgt Ion: 95 Resp: 140643
Ion Ratio Lower Upper
95 100
97 64.2 40.2 74.6
132 87.5 55.3 102.7
130 92.3 58.9 109.5



#37
1,2-Dichloropropane
Concen: 7.561 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

Tgt Ion: 63 Resp: 17006
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.336 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030547.D

Acq: 10 Aug 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

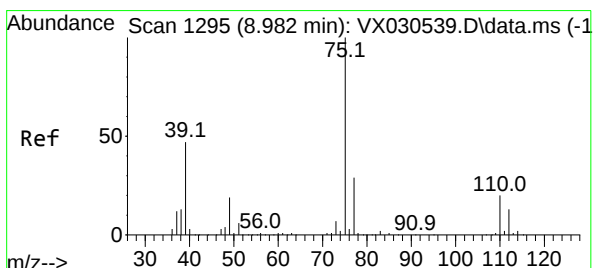
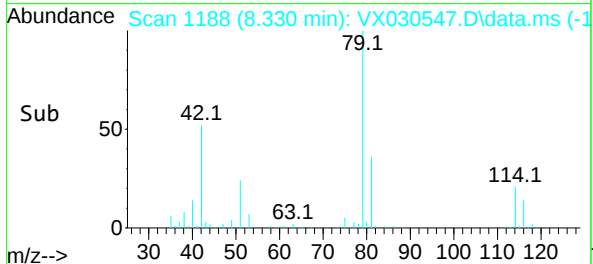
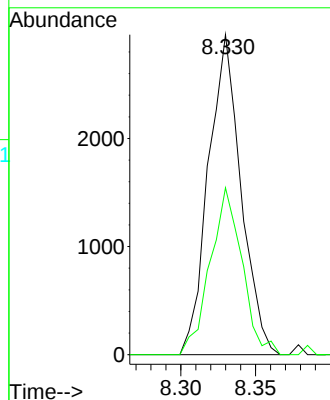
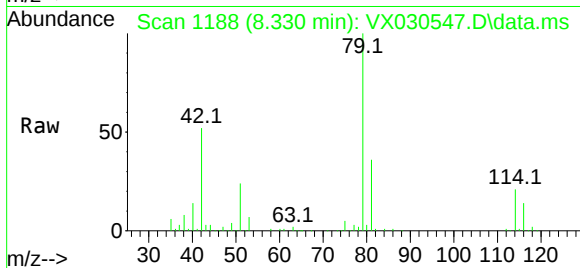
F5D44DL

Tgt Ion: 75 Resp: 4484

Ion Ratio Lower Upper

75 100

77 52.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.995 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030547.D

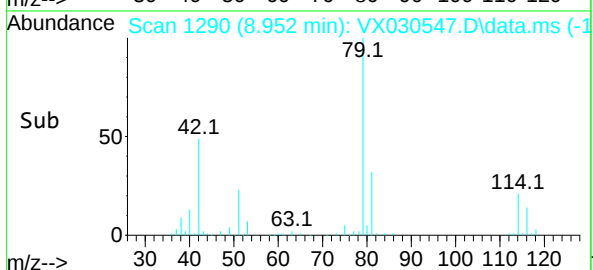
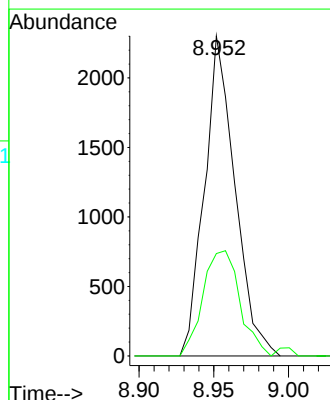
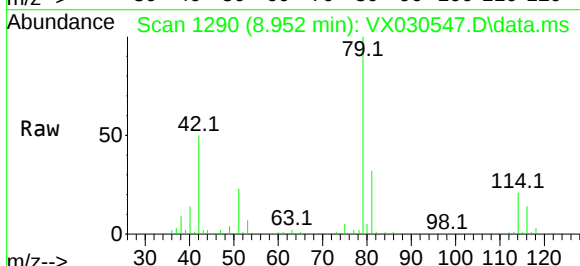
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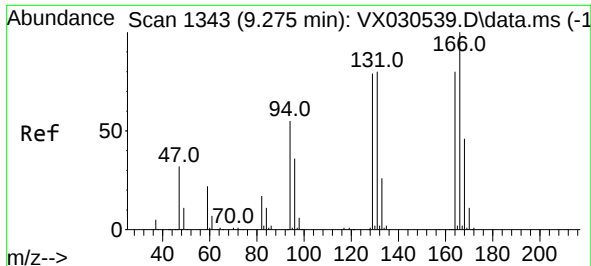
Tgt Ion: 75 Resp: 3269

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7

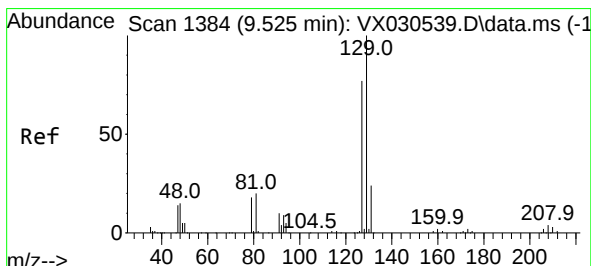
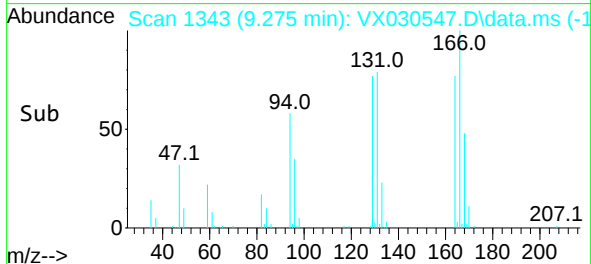
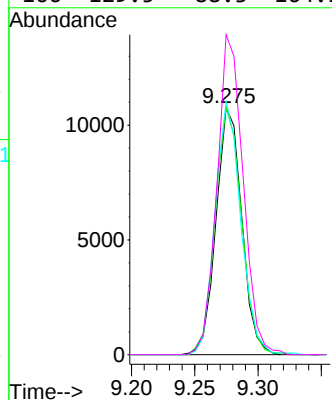
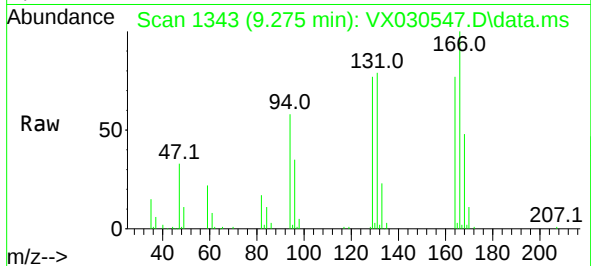




#46
Tetrachloroethene
Concen: 9.794 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :
F5D44DL

Tgt Ion:164 Resp: 15164
Ion Ratio Lower Upper
164 100
129 100.0 72.7 135.1
131 102.4 69.9 129.9
166 129.5 88.3 164.1



#49
Dibromochloromethane
Concen: 7.001 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030547.D
Acq: 10 Aug 2022 13:13

Tgt Ion:129 Resp: 15577
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.2#

