

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030700.D
 Acq On : 19 Aug 2022 12:52
 Operator : JC/MD
 Sample : N4231-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN5DL

Quant Time: Aug 20 02:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

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

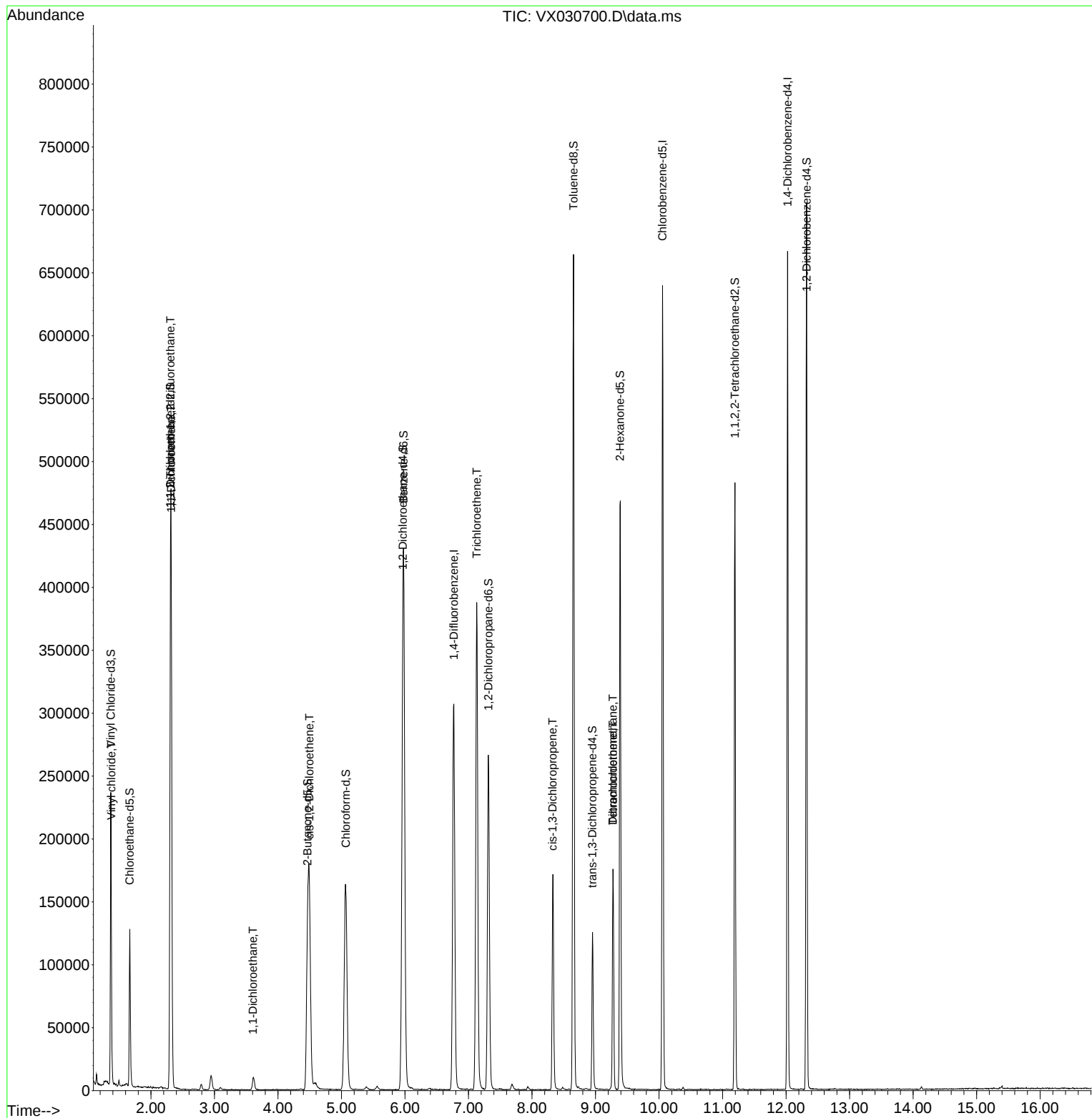
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	324484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	296333	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104641	50.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.440%
7) Chloroethane-d5	1.666	69	81278	55.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.660%
11) 1,1-Dichloroethene-d2	2.306	63	203753	51.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.380%
21) 2-Butanone-d5	4.464	46	195247	101.126	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.130%
24) Chloroform-d	5.068	84	214227	49.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.964	65	135230	46.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	5.976	84	442593	52.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.280%
36) 1,2-Dichloropropane-d6	7.312	67	146767	53.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.580%
41) Toluene-d8	8.653	98	397082	49.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.260%
43) trans-1,3-Dichloroprop...	8.951	79	61585	44.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.900%
47) 2-Hexanone-d5	9.384	63	143489	102.217	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	196808	54.399	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	136594	53.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.480%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	49601	22.118	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2038	1.034	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	102556	56.468	ug/L	75
19) 1,1-Dichloroethane	3.605	63	10974	2.697	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	82657	34.922	ug/L	90
34) Trichloroethene	7.129	95	151675	55.119	ug/L	85
39) cis-1,3-Dichloropropene	8.324	75	4066	1.079	ug/L	94
46) Tetrachloroethene	9.275	164	32075	18.444	ug/L	95
49) Dibromochloromethane	9.275	129	33604	13.447	ug/L #	10

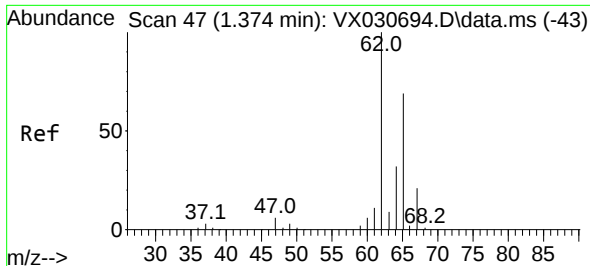
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 20 02:12:38 2022
Response via : Initial Calibration

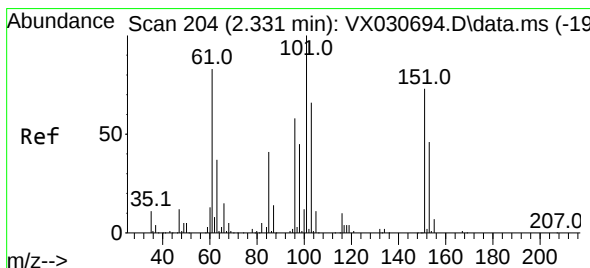
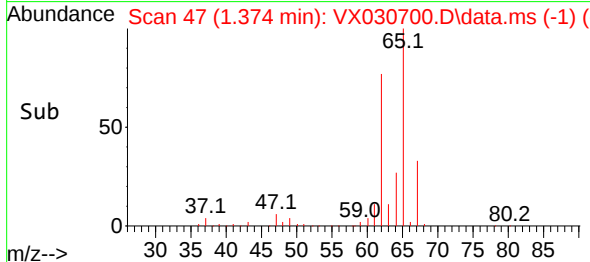
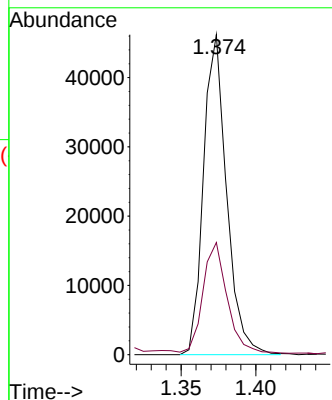
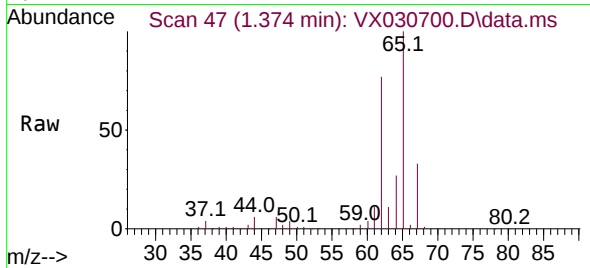




#5
 Vinyl chloride
 Concen: 22.118 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030700.D
 Acq: 19 Aug 2022 12:52

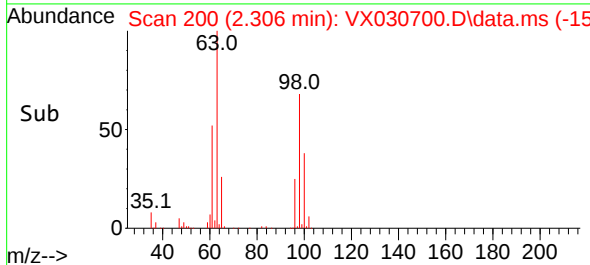
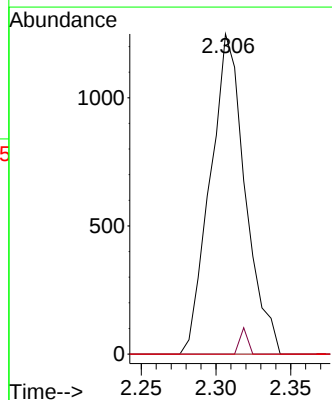
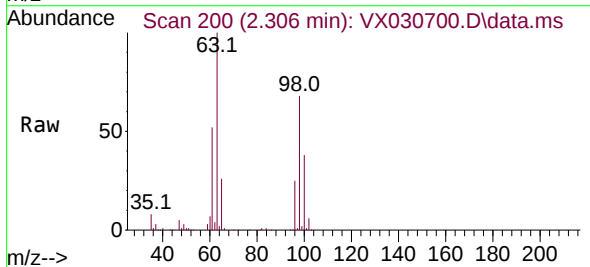
Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN5DL

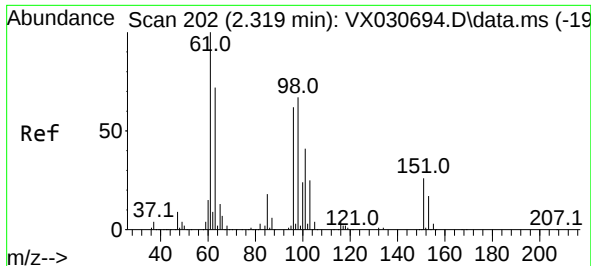
Tgt Ion: 62 Resp: 49601
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.034 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX030700.D
 Acq: 19 Aug 2022 12:52

Tgt Ion: 101 Resp: 2038
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#



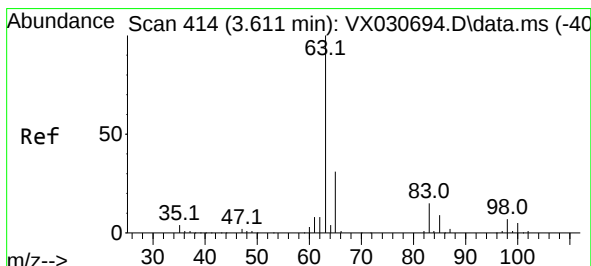
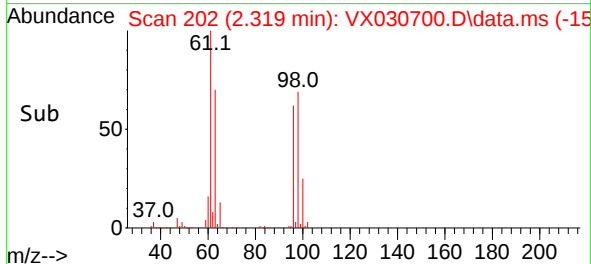
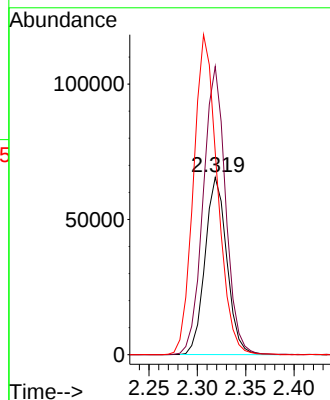
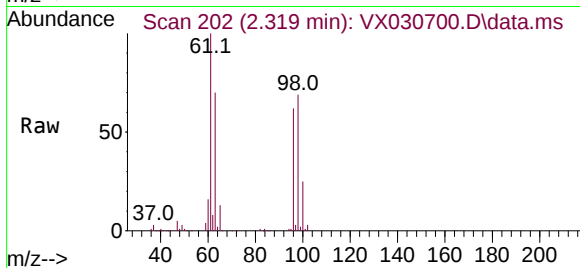


#12
 1,1-Dichloroethene
 Concen: 56.468 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030700.D
 Acq: 19 Aug 2022 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN5DL

Tgt Ion: 96 Resp: 102556

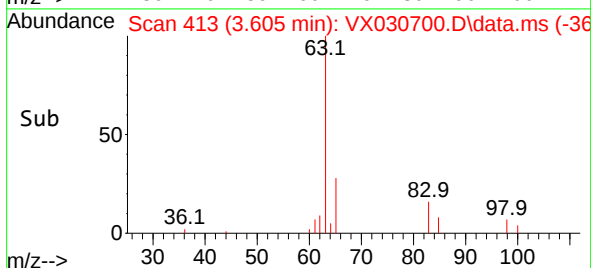
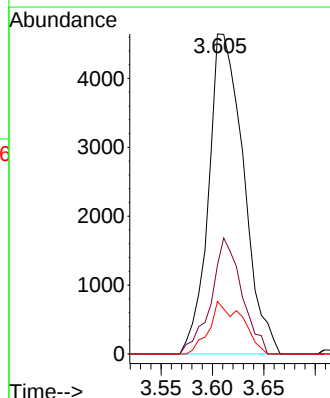
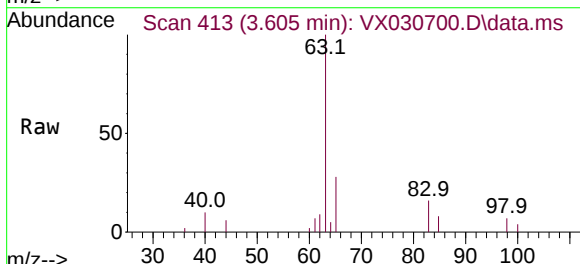
Ion	Ratio	Lower	Upper
96	100		
61	162.6	130.2	241.8
63	114.2	113.5	210.9

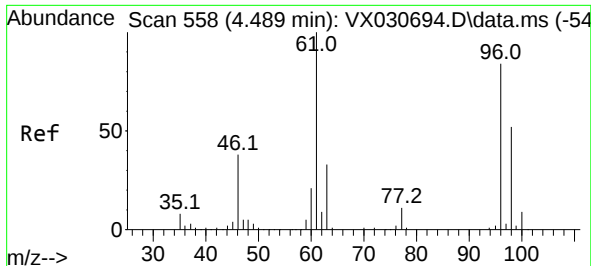


#19
 1,1-Dichloroethane
 Concen: 2.697 ug/L
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX030700.D
 Acq: 19 Aug 2022 12:52

Tgt Ion: 63 Resp: 10974

Ion	Ratio	Lower	Upper
63	100		
65	27.8	22.0	40.8
83	16.4	9.9	18.3

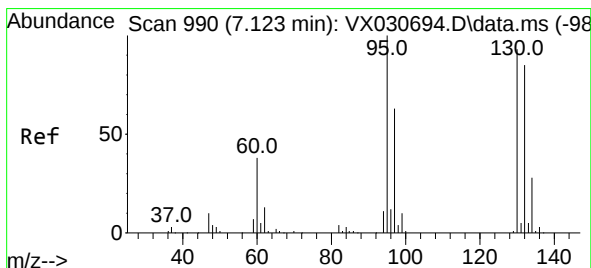
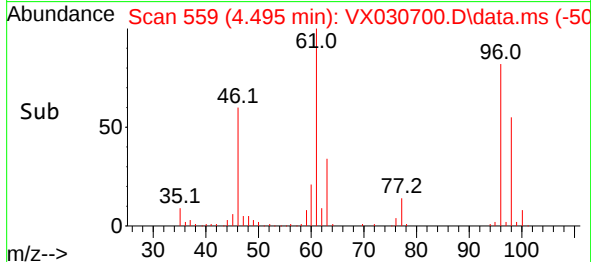
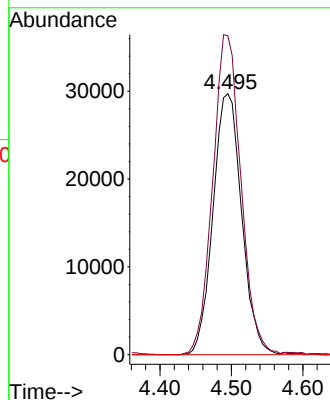
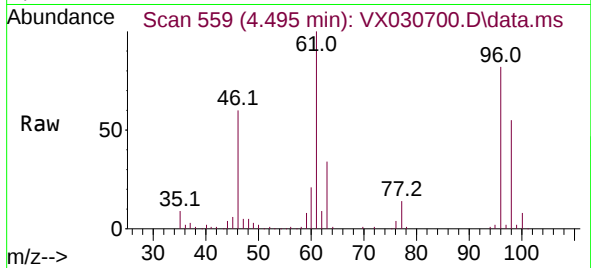




#20
cis-1,2-Dichloroethene
Concen: 34.922 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030700.D
Acq: 19 Aug 2022 12:52

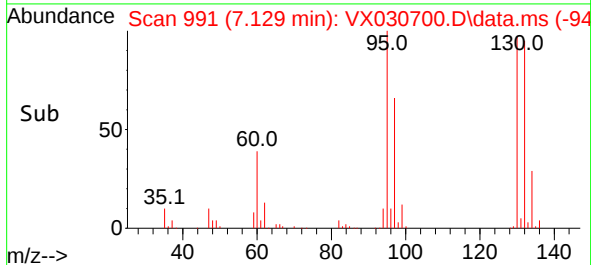
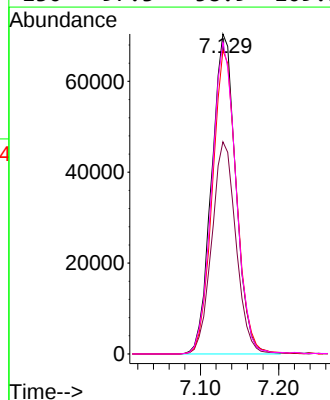
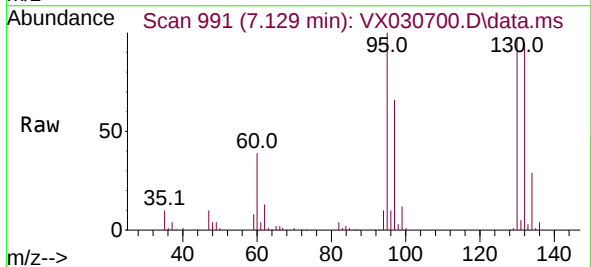
Instrument :
MSVOA_X
ClientSampleId :
C0KN5DL

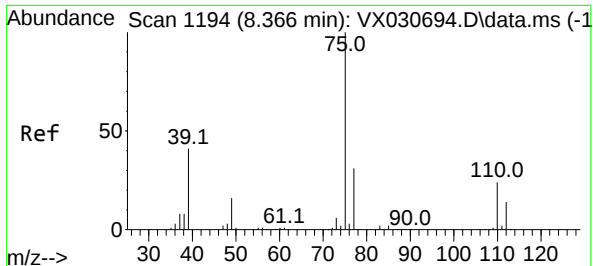
Tgt Ion: 96 Resp: 82657
Ion Ratio Lower Upper
96 100
61 122.2 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 55.119 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030700.D
Acq: 19 Aug 2022 12:52

Tgt Ion: 95 Resp: 151675
Ion Ratio Lower Upper
95 100
97 66.3 40.2 74.6
132 94.8 55.3 102.7
130 97.3 58.9 109.5

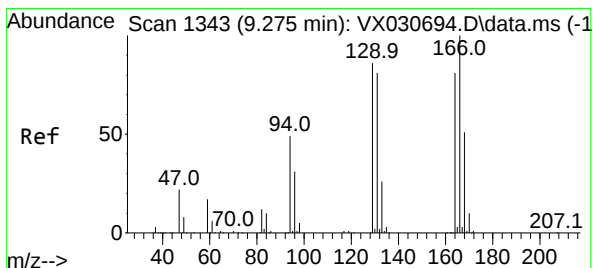
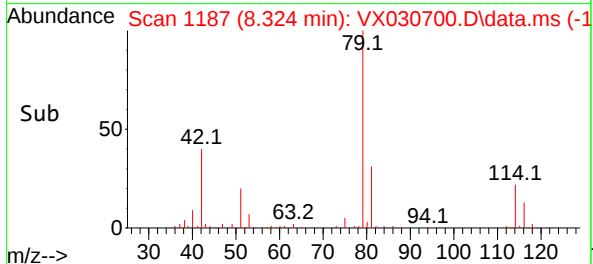
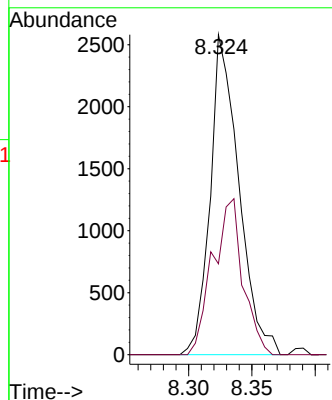
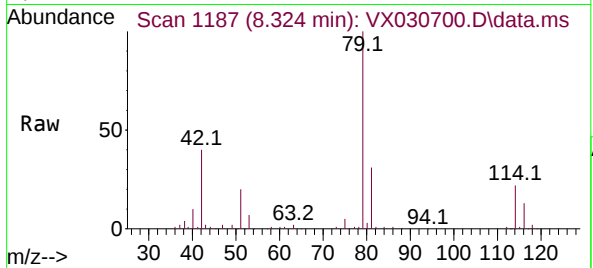




#39
cis-1,3-Dichloropropene
Concen: 1.079 ug/L
RT: 8.324 min Scan# 1194
Delta R.T. -0.043 min
Lab File: VX030700.D
Acq: 19 Aug 2022 12:52

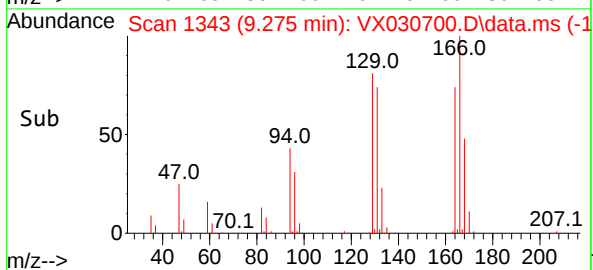
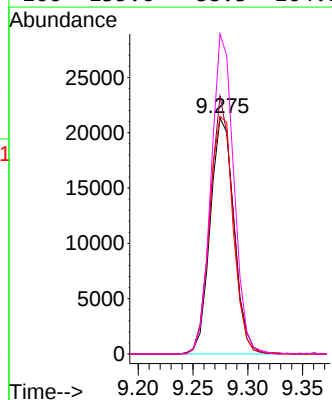
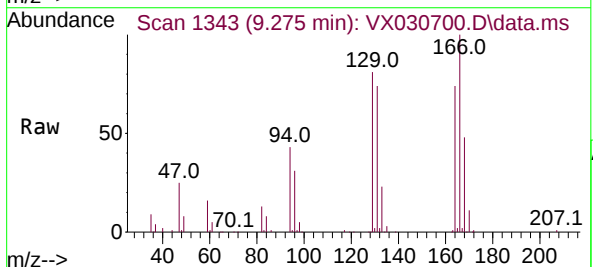
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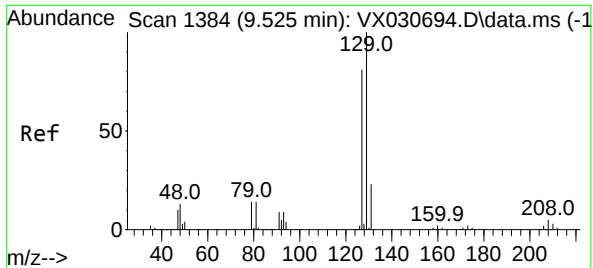
Tgt Ion: 75 Resp: 4066
Ion Ratio Lower Upper
75 100
77 28.4 22.4 41.6



#46
Tetrachloroethene
Concen: 18.444 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030700.D
Acq: 19 Aug 2022 12:52

Tgt Ion: 164 Resp: 32075
Ion Ratio Lower Upper
164 100
129 109.2 72.7 135.1
131 100.7 69.9 129.9
166 135.6 88.3 164.1





#49
 Dibromochloromethane
 Concen: 13.447 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX030700.D
 Acq: 19 Aug 2022 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN5DL

Tgt Ion:129 Resp: 33604
 Ion Ratio Lower Upper
 129 100
 127 0.4 55.6 103.2#

