

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030703.D
 Acq On : 19 Aug 2022 15:25
 Operator : JC/MD
 Sample : N4221-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0KN8

Quant Time: Aug 20 03:56:17 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)

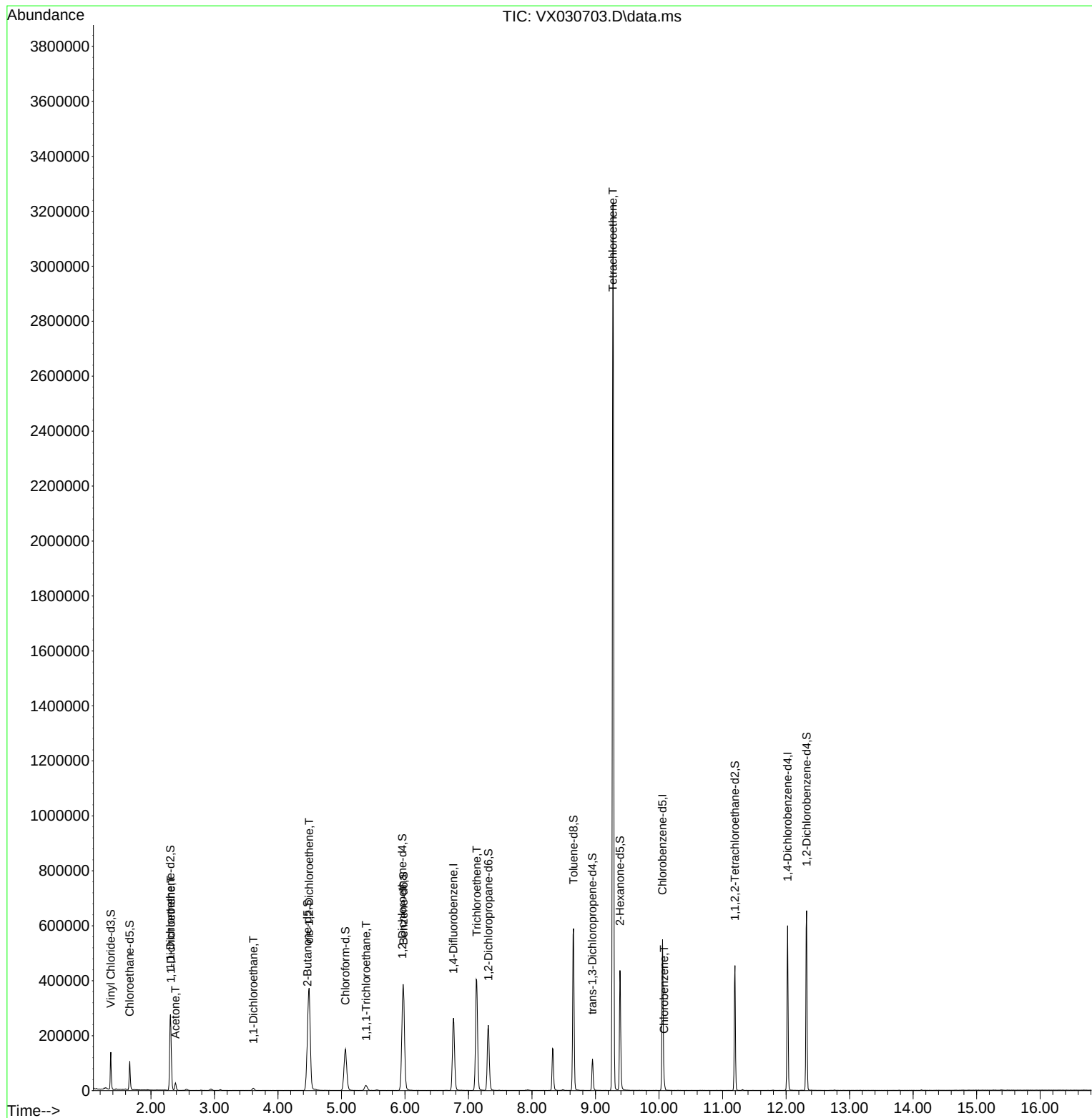
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	277142	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116476	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	85456	48.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.040%
7) Chloroethane-d5	1.666	69	69820	55.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.300%
11) 1,1-Dichloroethene-d2	2.307	63	144413	42.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.800%
21) 2-Butanone-d5	4.465	46	170462	103.371	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.370%
24) Chloroform-d	5.062	84	191858	52.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.740%
26) 1,2-Dichloroethane-d4	5.958	65	122025	49.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
32) Benzene-d6	5.977	84	398981	55.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.960%
36) 1,2-Dichloropropane-d6	7.312	67	134865	58.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.640%
41) Toluene-d8	8.653	98	359684	53.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.080%
43) trans-1,3-Dichloroprop...	8.952	79	56341	48.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.960%
47) 2-Hexanone-d5	9.384	63	128514	109.033	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.030%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	182378	60.038	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.080%#
66) 1,2-Dichlorobenzene-d4	12.323	152	129609	57.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.740%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	25905	16.700	ug/L #	10
13) Acetone	2.386	43	27863	23.054	ug/L	92
19) 1,1-Dichloroethane	3.611	63	9925	2.855	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	217187	107.435	ug/L	89
30) 1,1,1-Trichloroethane	5.385	97	17570	5.353	ug/L #	87
34) Trichloroethene	7.129	95	164163	71.051	ug/L	89
46) Tetrachloroethene	9.275	164	582787	399.111	ug/L	99
51) Chlorobenzene	10.079	112	11857	2.258	ug/L	99

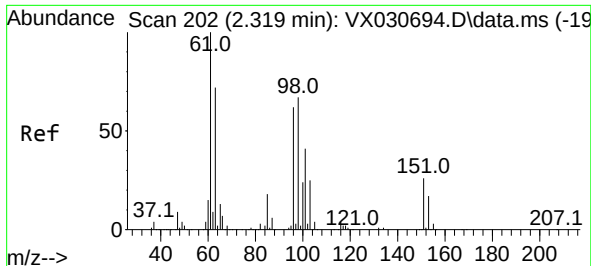
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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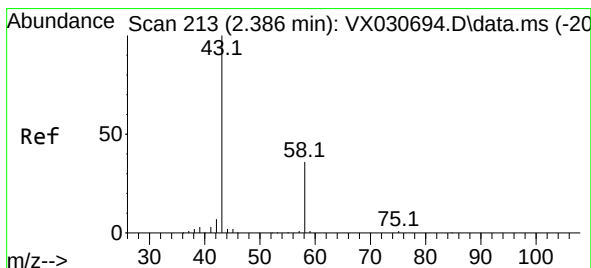
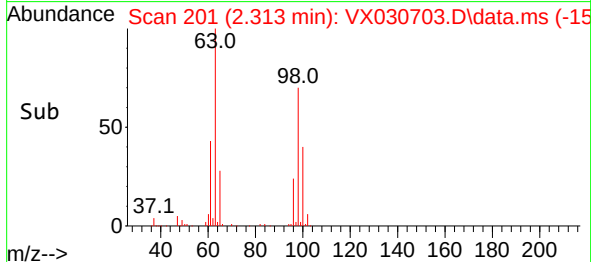
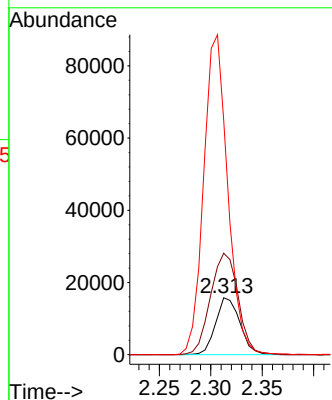
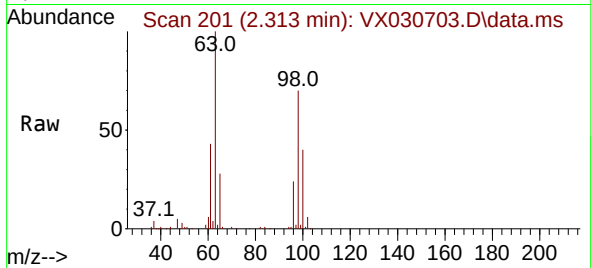




#12
1,1-Dichloroethene
Concen: 16.700 ug/L
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX030703.D
Acq: 19 Aug 2022 15:25

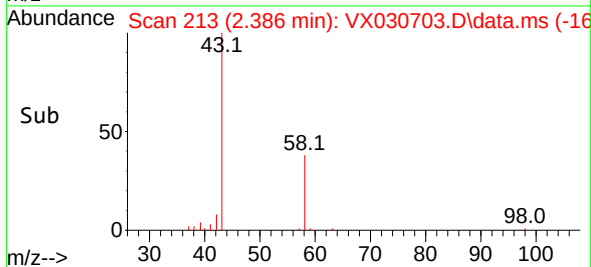
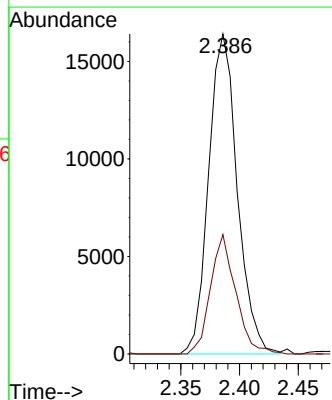
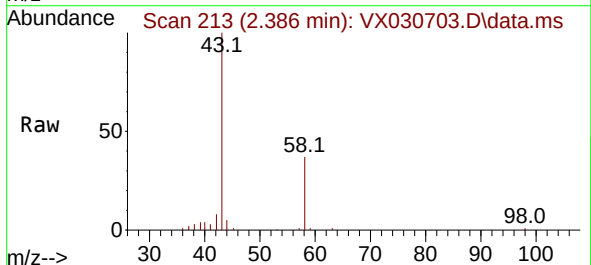
Instrument :
MSVOA_X
ClientSampleId :
C0KN8

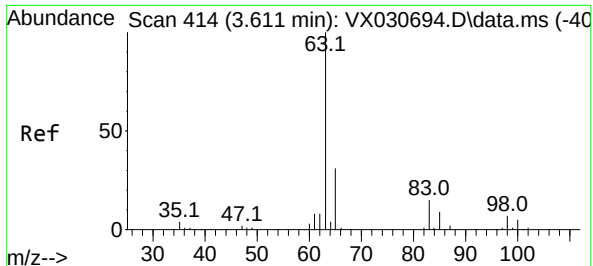
Tgt Ion: 96 Resp: 25905
Ion Ratio Lower Upper
96 100
61 178.2 130.2 241.8
63 411.6 113.5 210.9#



#13
Acetone
Concen: 23.054 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030703.D
Acq: 19 Aug 2022 15:25

Tgt Ion: 43 Resp: 27863
Ion Ratio Lower Upper
43 100
58 32.9 0.0 57.8





#19

1,1-Dichloroethane

Concen: 2.855 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030703.D

Acq: 19 Aug 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

C0KN8

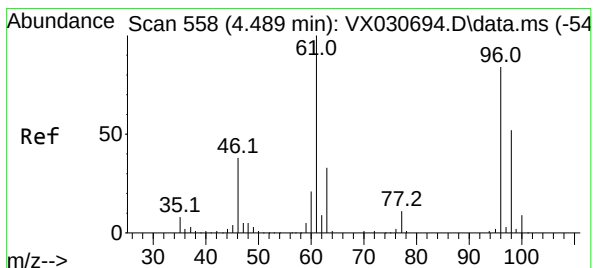
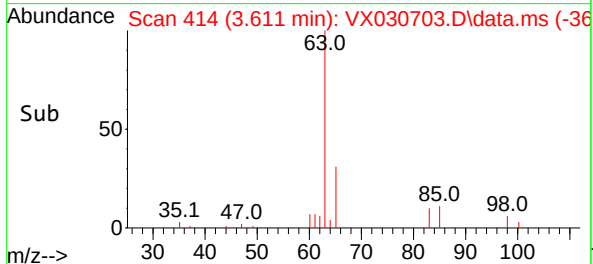
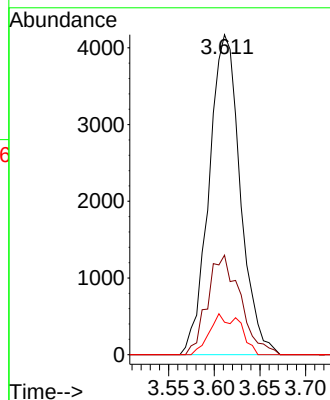
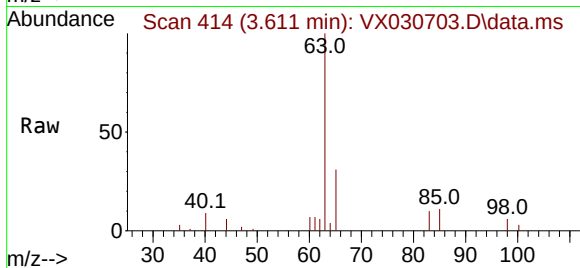
Tgt Ion: 63 Resp: 9925

Ion Ratio Lower Upper

63 100

65 31.1 22.0 40.8

83 10.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 107.435 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX030703.D

Acq: 19 Aug 2022 15:25

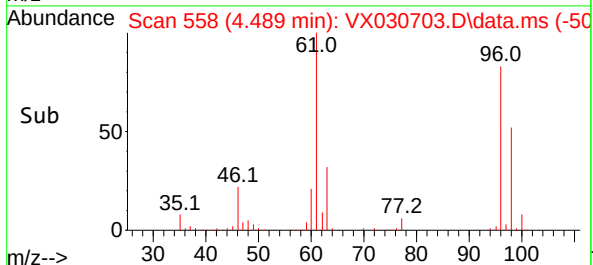
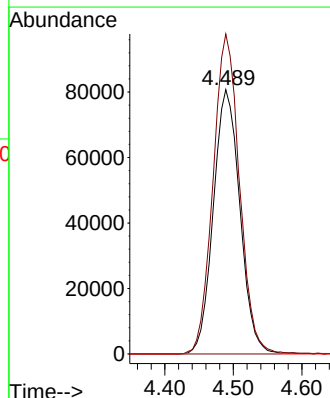
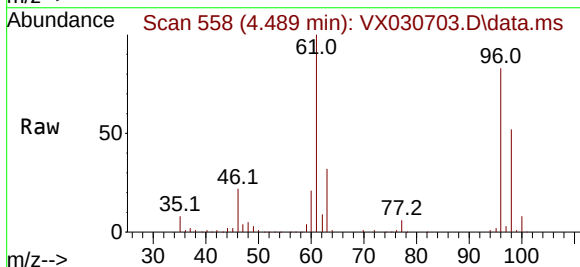
Tgt Ion: 96 Resp: 217187

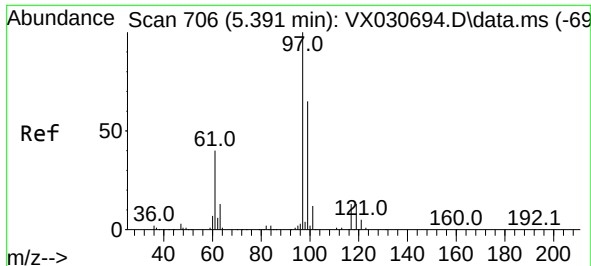
Ion Ratio Lower Upper

96 100

61 121.1 94.0 174.6

68 0.0 0.0 0.0

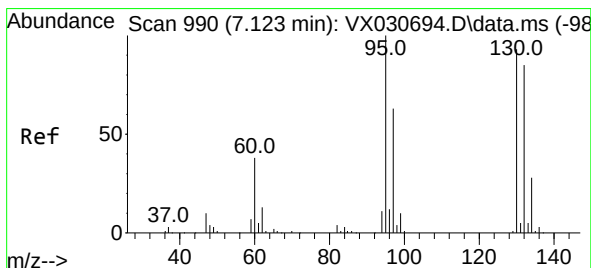
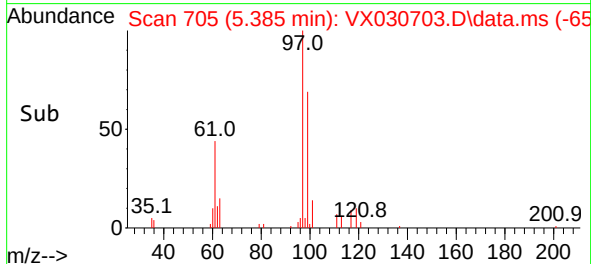
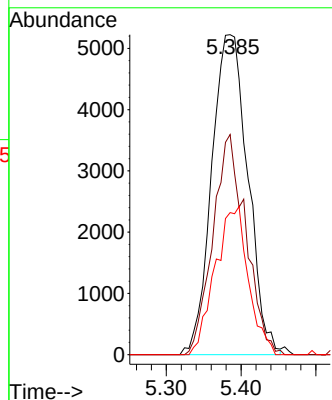
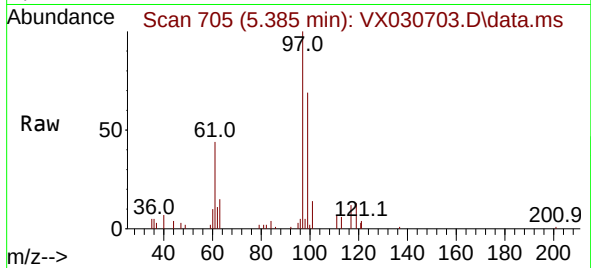




#30
1,1,1-Trichloroethane
Concen: 5.353 ug/L
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX030703.D
Acq: 19 Aug 2022 15:25

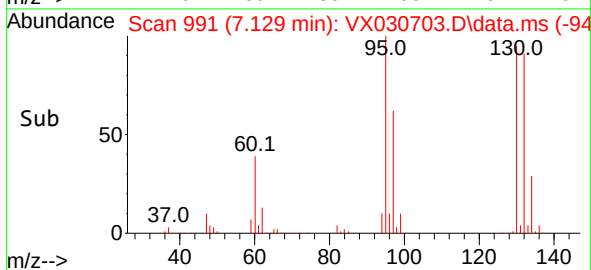
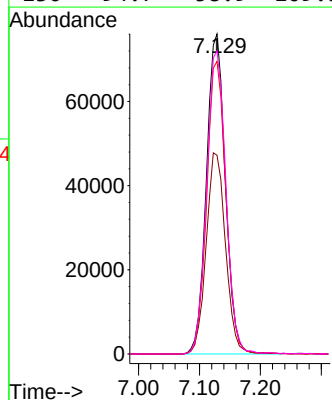
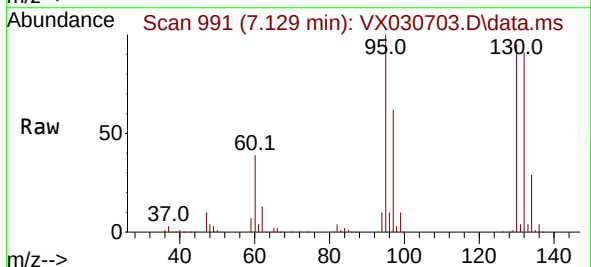
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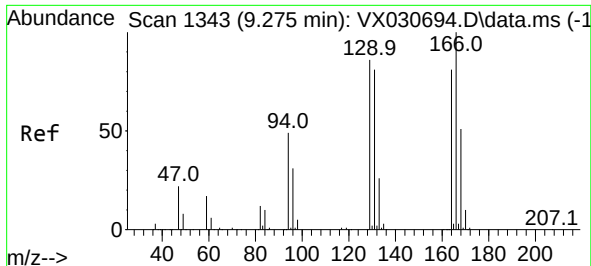
Tgt Ion: 97 Resp: 17570
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.0
61 26.8 37.0 55.6#



#34
Trichloroethene
Concen: 71.051 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030703.D
Acq: 19 Aug 2022 15:25

Tgt Ion: 95 Resp: 164163
Ion Ratio Lower Upper
95 100
97 62.1 40.2 74.6
132 91.5 55.3 102.7
130 94.7 58.9 109.5

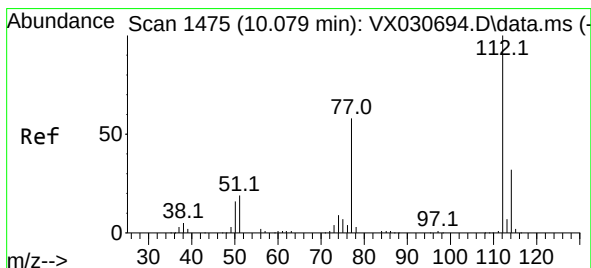
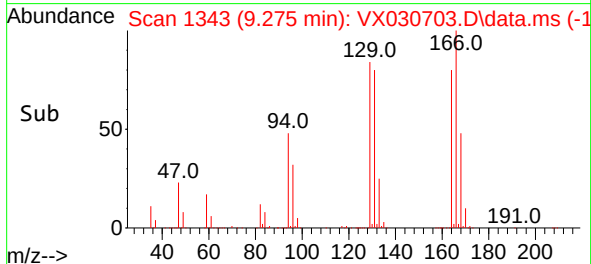
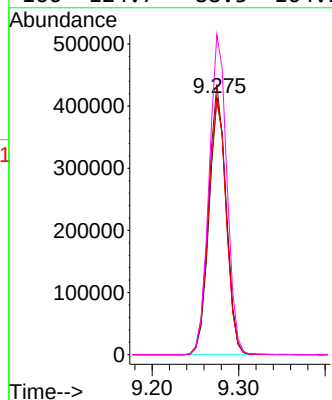
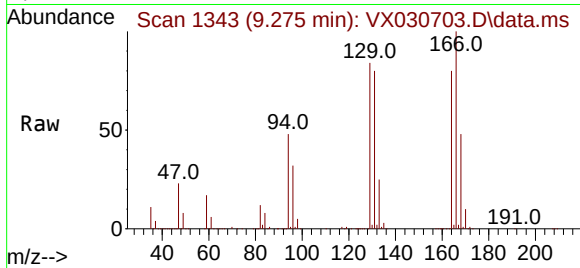




#46
Tetrachloroethene
Concen: 399.111 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030703.D
Acq: 19 Aug 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
C0KN8

Tgt Ion:164 Resp: 582787
Ion Ratio Lower Upper
164 100
129 105.2 72.7 135.1
131 99.2 69.9 129.9
166 124.7 88.3 164.1



#51
Chlorobenzene
Concen: 2.258 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030703.D
Acq: 19 Aug 2022 15:25

Tgt Ion:112 Resp: 11857
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 65.0 50.8 76.2

