Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
Data File : VX026831.D
Acq On : 08 Feb 2022 18:42
Operator : JC/MD
Sample : N1429-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Quant Time: Feb 09 03:06:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	134085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85175	52.918	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.840%			
35) Dibromofluoromethane	5.391	113	70618	52.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.200%			
50) Toluene-d8	8.653	98	254942	51.735	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.460%			
62) 4-Bromofluorobenzene	11.085	95	92846	53.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.040%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.373	62	458370	322.835	ug/l	99
12) 1,1-Dichloroethene	2.324	96	1053	0.767	ug/l	95
16) Acetone	2.379	43	1327	1.877	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	14282	9.891	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	905991	546.452	ug/l	88
39) Methylcyclohexane	7.385	83	2491	0.959	ug/l #	87
40) Benzene	6.049	78	3202	0.519	ug/l	98
44) Trichloroethene	7.135	130	921	0.497	ug/l	98
64) Tetrachloroethene	9.274	164	1524	0.780	ug/l	86

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

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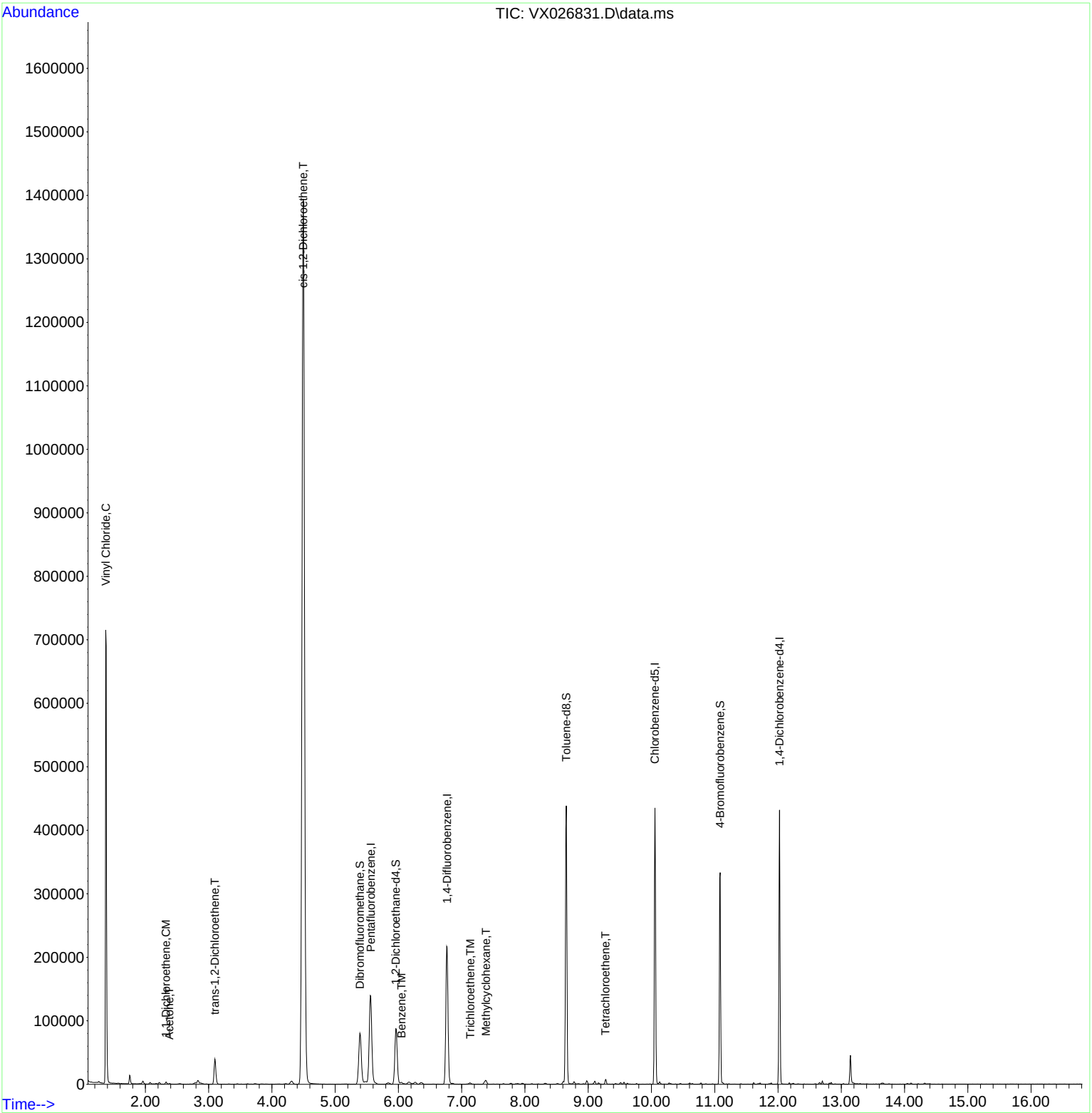
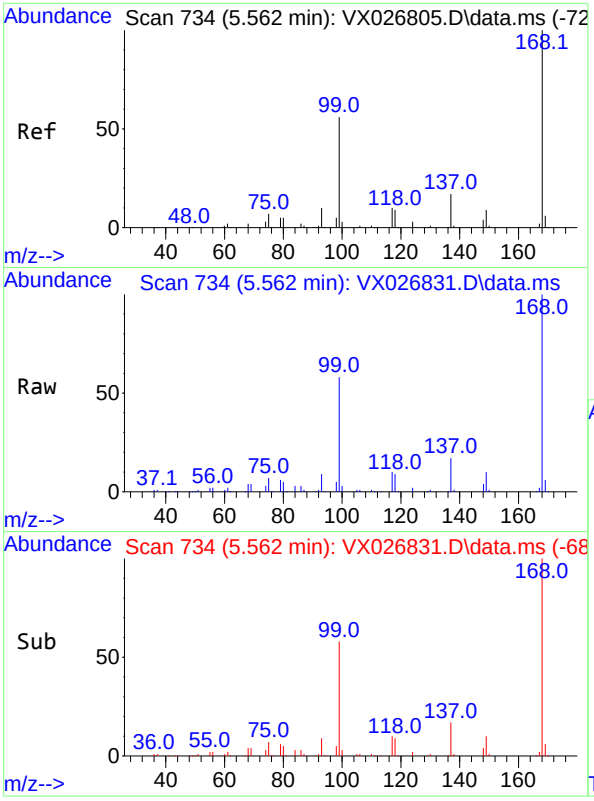


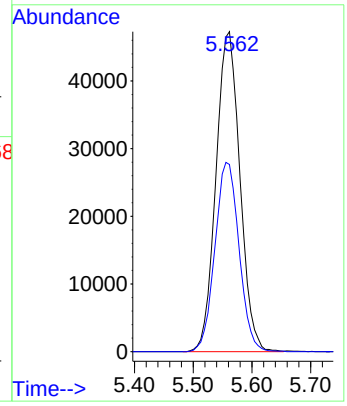


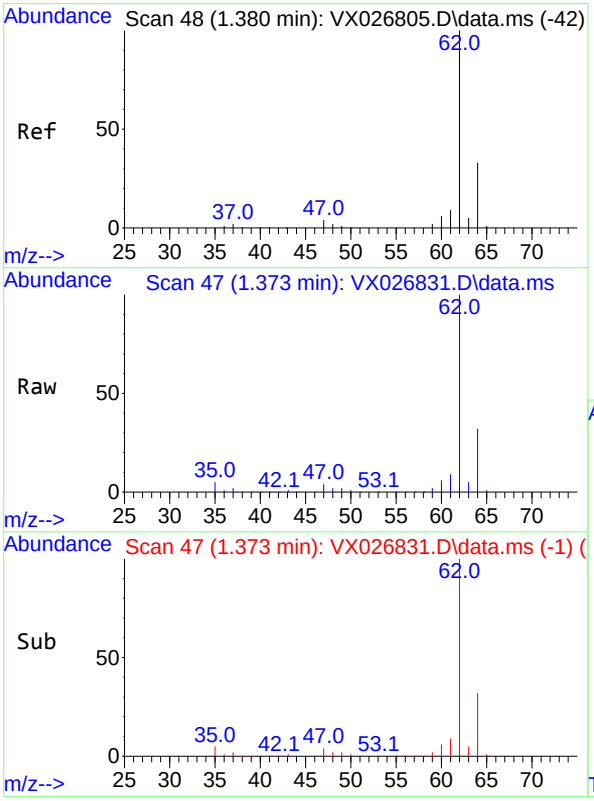
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion:168 Resp: 134085

Ion	Ratio	Lower	Upper
168	100		
99	58.5	50.3	75.5

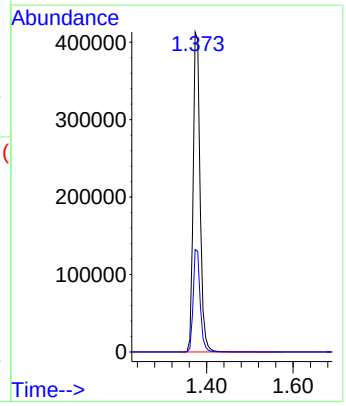


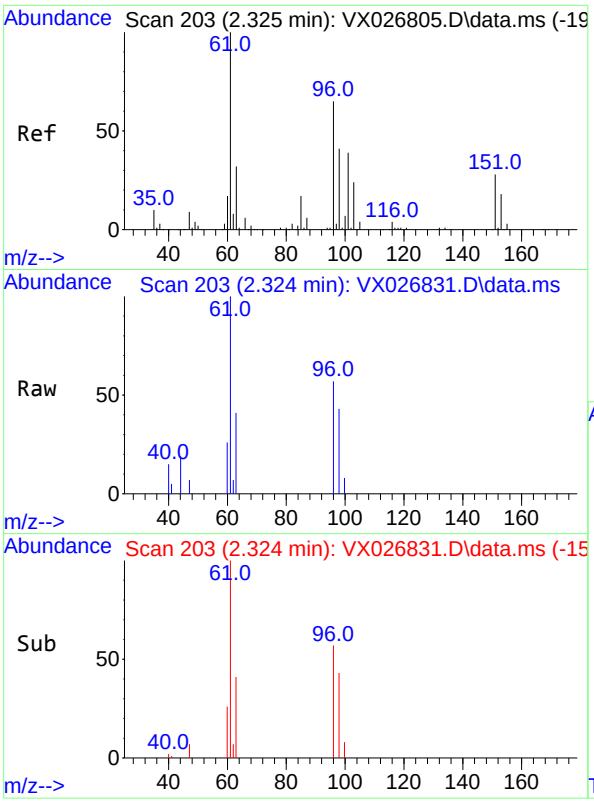


#4
Vinyl Chloride
Concen: 322.835 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 62 Resp: 458370

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.2	39.2



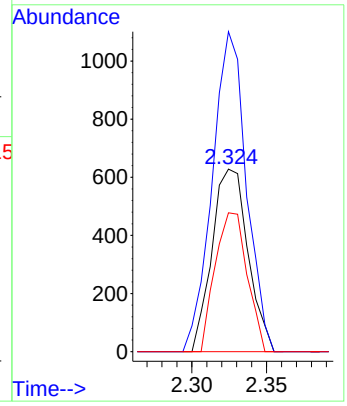


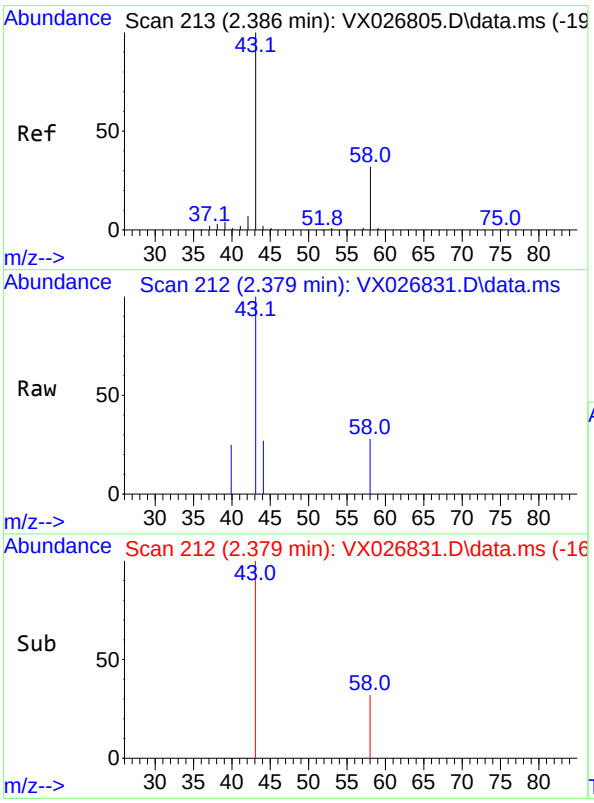
#12
1,1-Dichloroethene
Concen: 0.767 ug/l
RT: 2.324 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion: 96 Resp: 1053

Ion	Ratio	Lower	Upper
96	100		
61	175.3	138.5	207.7
98	76.1	51.8	77.6

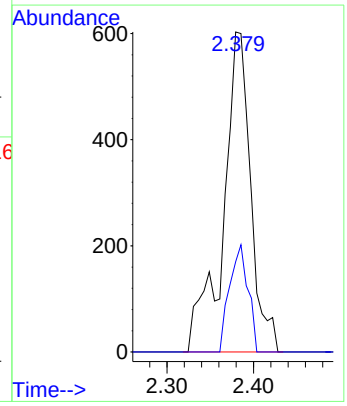


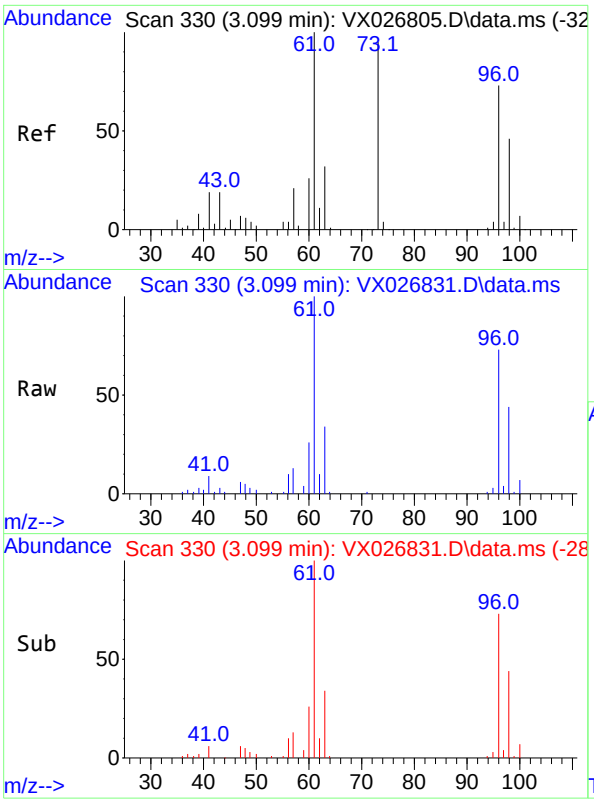


#16
Acetone
Concen: 1.877 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.0	34.6



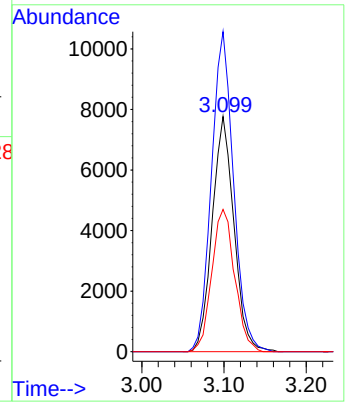


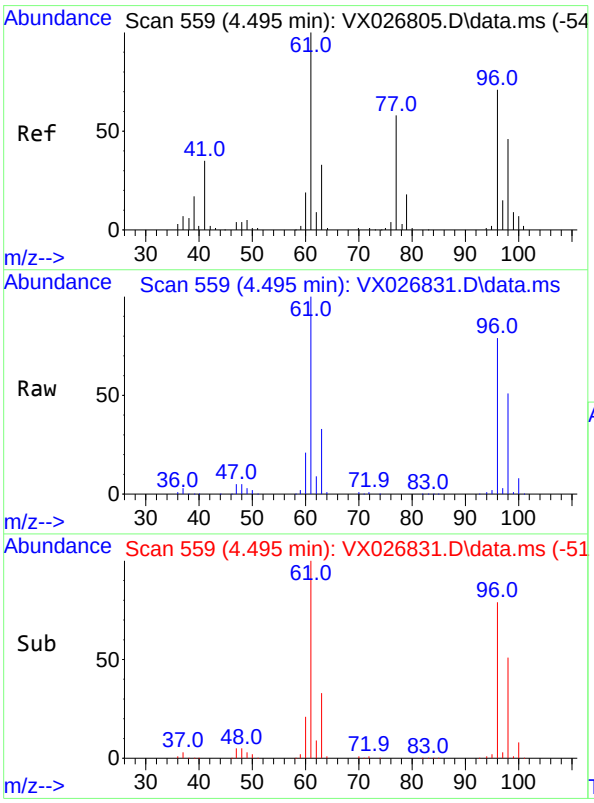
#21
trans-1,2-Dichloroethene
Concen: 9.891 ug/l
RT: 3.099 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion: 96 Resp: 14282

Ion	Ratio	Lower	Upper
96	100		
61	136.1	112.9	169.3
98	60.5	49.5	74.3

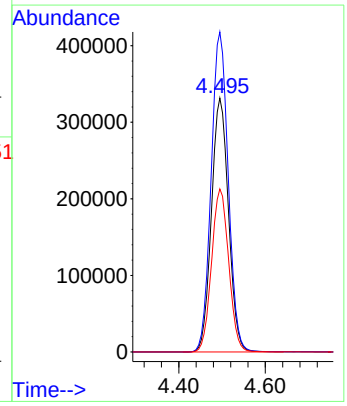


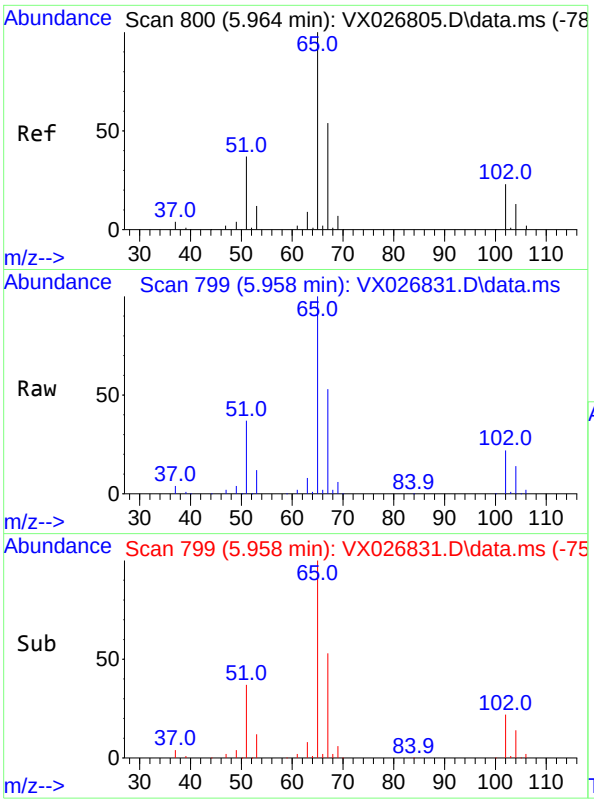


#27
cis-1,2-Dichloroethene
Concen: 546.452 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 96 Resp: 905991

Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	296.6
98	64.5	0.0	128.8



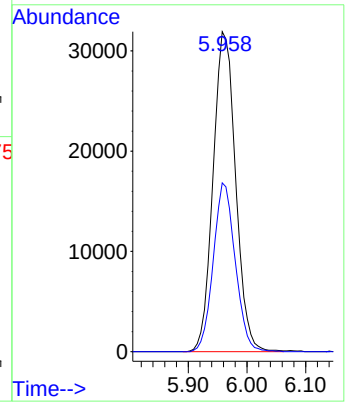


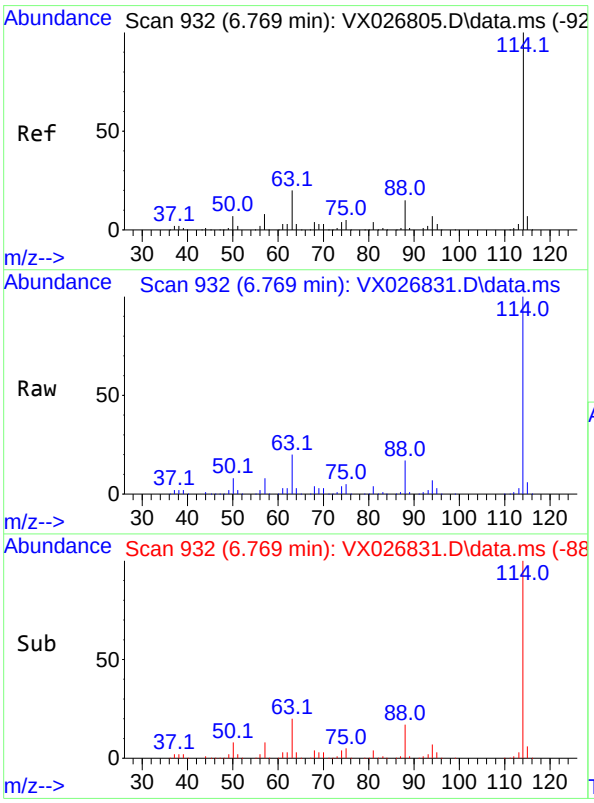
#33
1,2-Dichloroethane-d4
Concen: 52.918 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion: 65 Resp: 85175

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.8

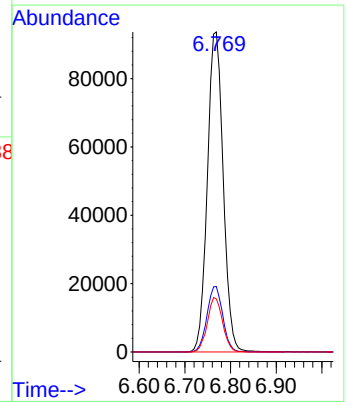


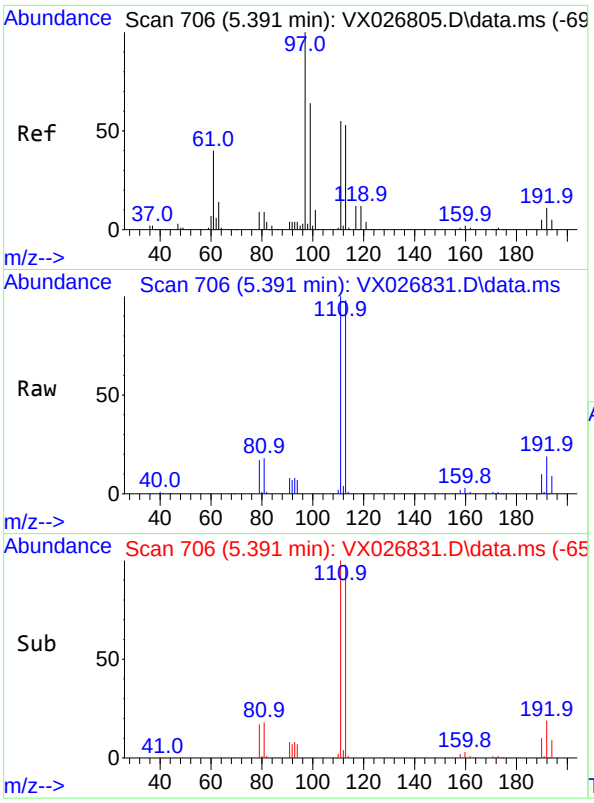


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion:114 Resp: 225331

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	16.6	0.0	33.0



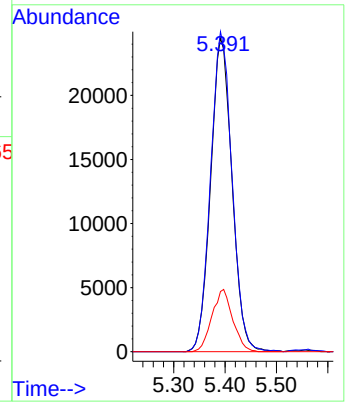


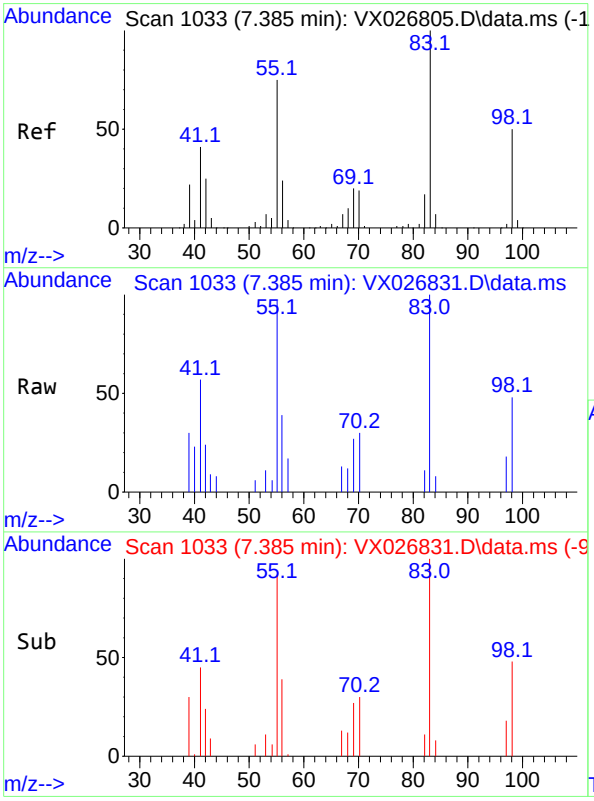
#35
Dibromofluoromethane
Concen: 52.603 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion:113 Resp: 70618

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	19.3	15.0	22.4

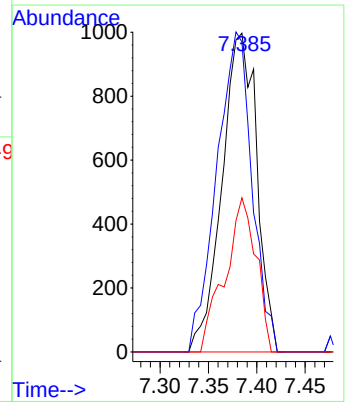


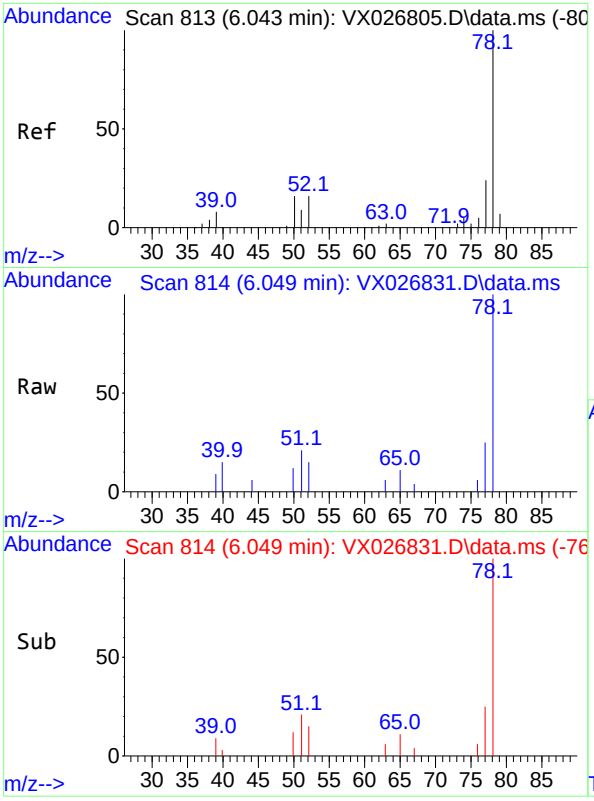


#39
Methylcyclohexane
Concen: 0.959 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 83 Resp: 2491

Ion	Ratio	Lower	Upper
83	100		
55	97.3	63.6	95.4#
98	48.3	38.4	57.6



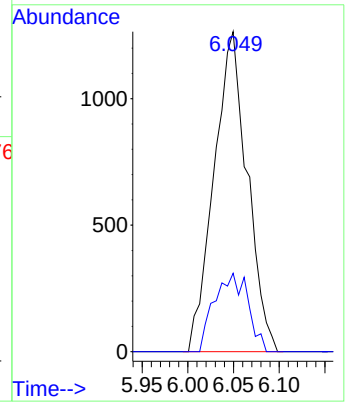


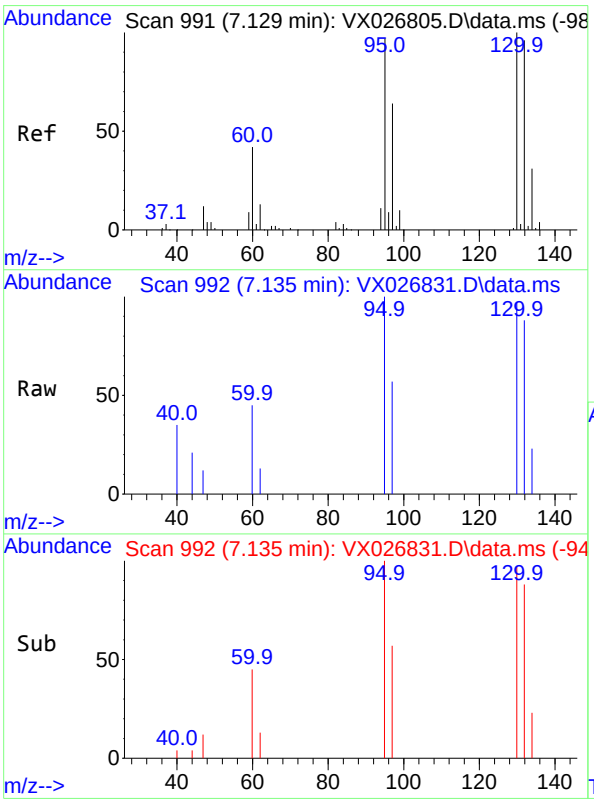
#40
Benzene
Concen: 0.519 ug/l
RT: 6.049 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion: 78 Resp: 3202

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3

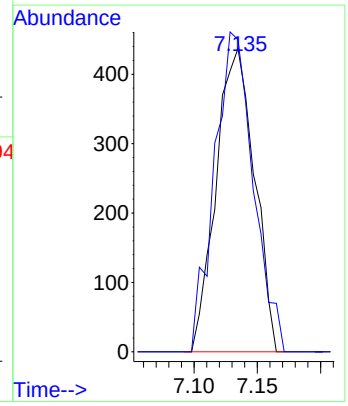


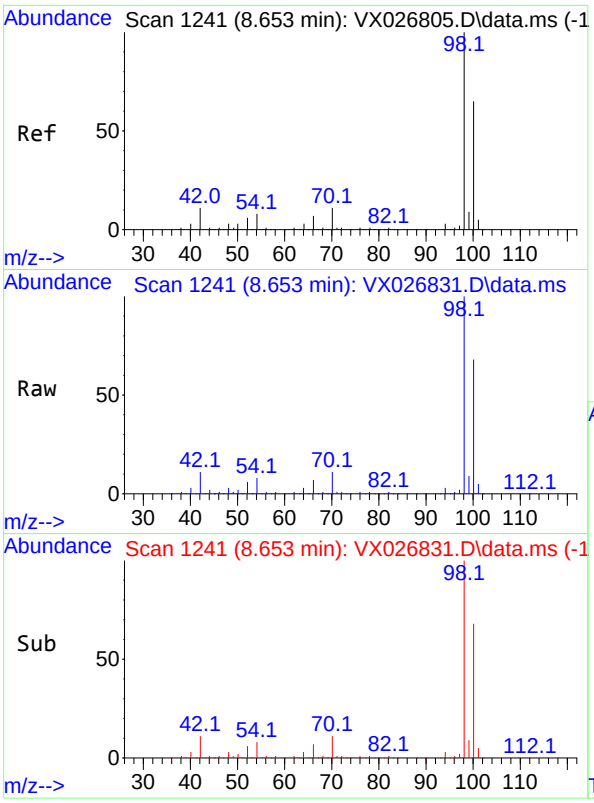


#44
Trichloroethene
Concen: 0.497 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion:130 Resp: 921

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	202.6



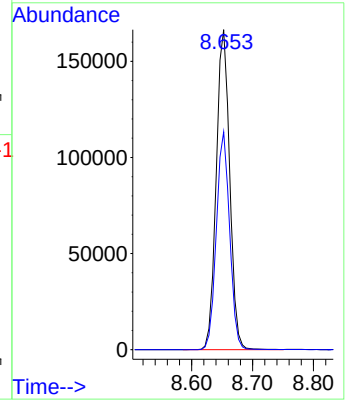


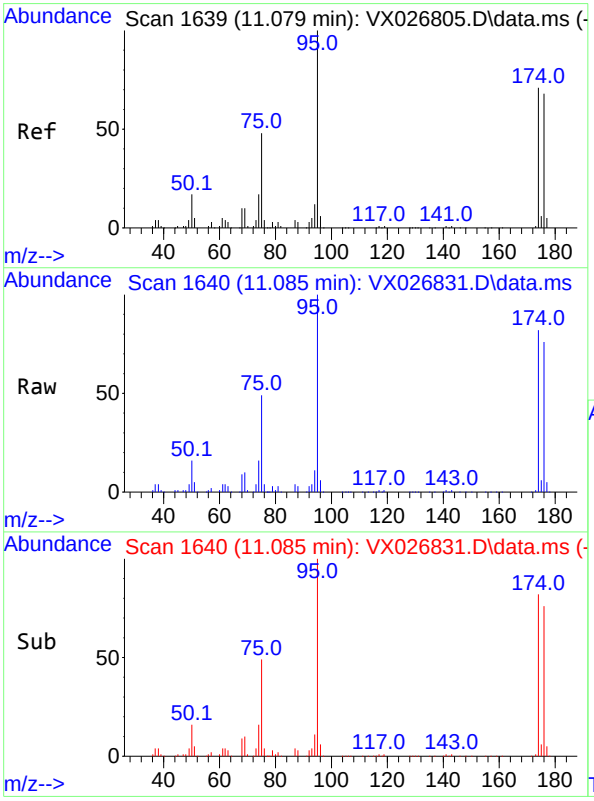
#50
Toluene-d8
Concen: 51.735 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion: 98 Resp: 254942

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.2	79.8

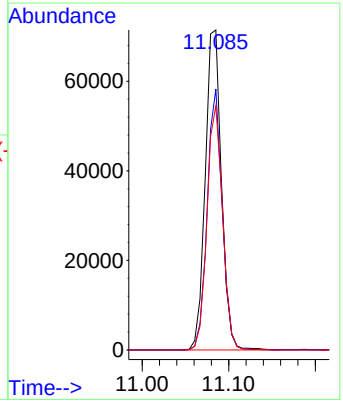


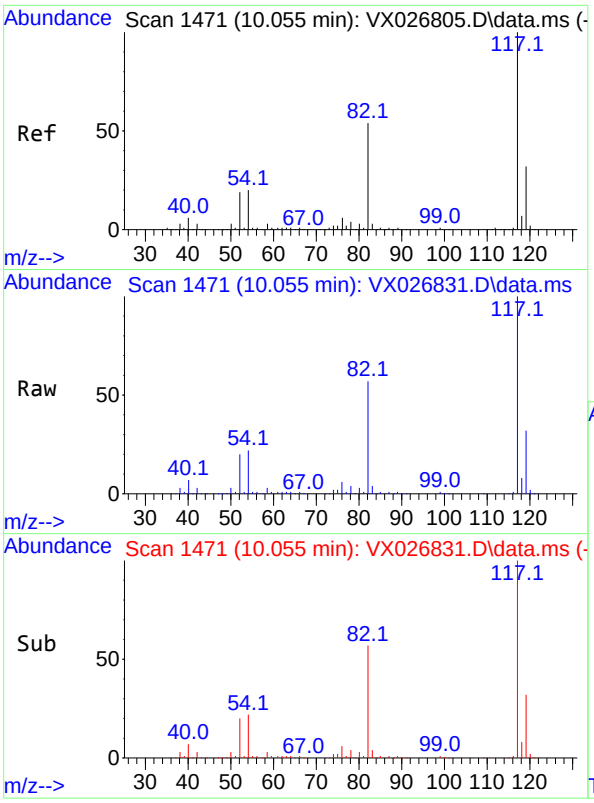


#62
4-Bromofluorobenzene
Concen: 53.516 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion: 95 Resp: 92846

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	148.6
176	73.4	0.0	141.4



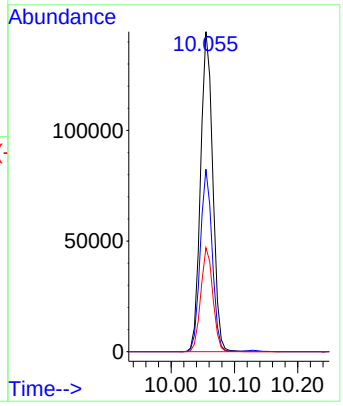


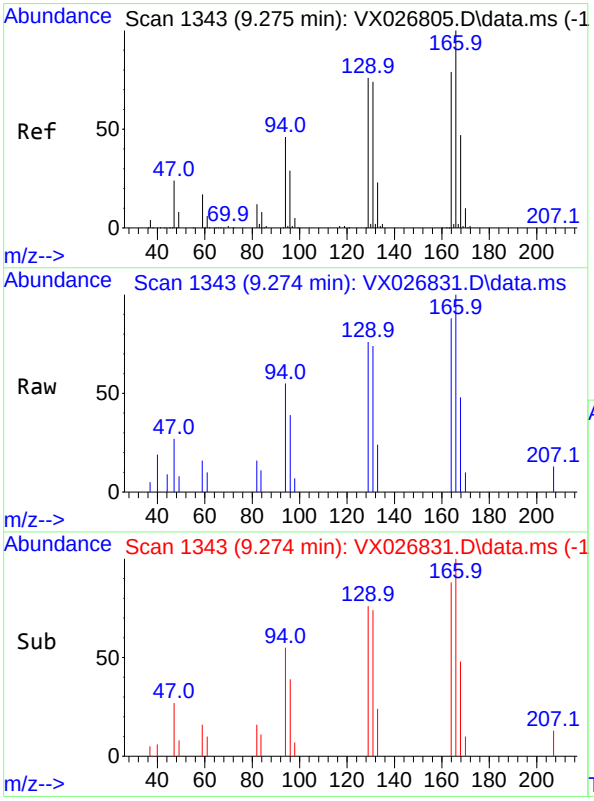
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion:117 Resp: 194431

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.2	67.8
119	32.5	26.2	39.2

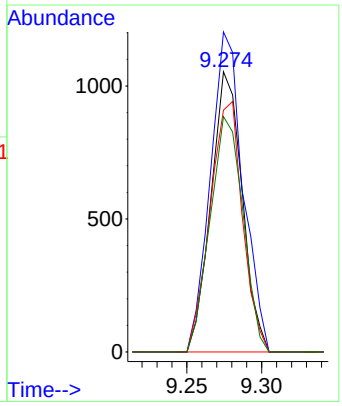


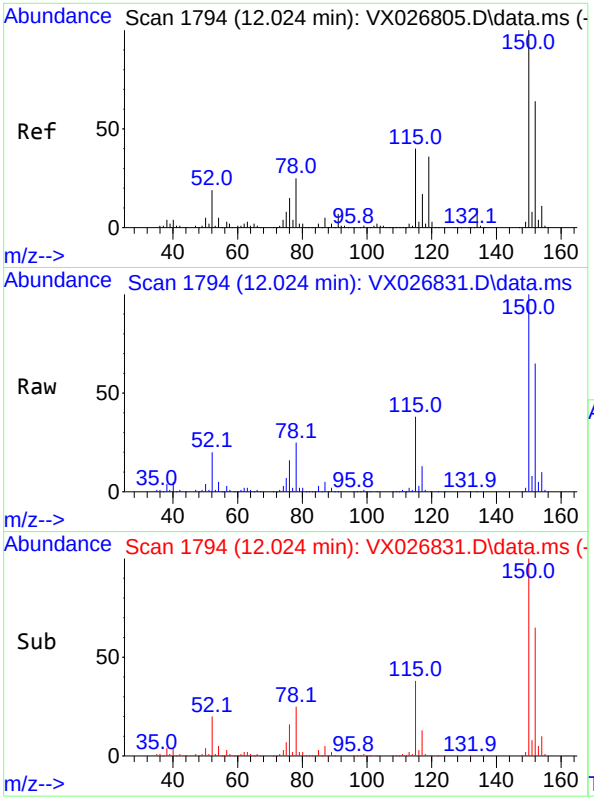


#64
Tetrachloroethene
Concen: 0.780 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Tgt Ion:164 Resp: 1524

Ion	Ratio	Lower	Upper
164	100		
166	114.2	101.8	152.6
129	86.3	83.3	124.9
131	84.0	78.0	117.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026831.D
Acq: 08 Feb 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-S

Tgt Ion:152 Resp: 85607

Ion	Ratio	Lower	Upper
152	100		
115	60.2	44.2	132.6
150	156.2	0.0	348.2