Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
Data File : VX022276.D
Acq On : 29 May 2021 01:30
Operator : JC/MD
Sample : M2561-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 24BR-20210526

Quant Time: May 29 04:58:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

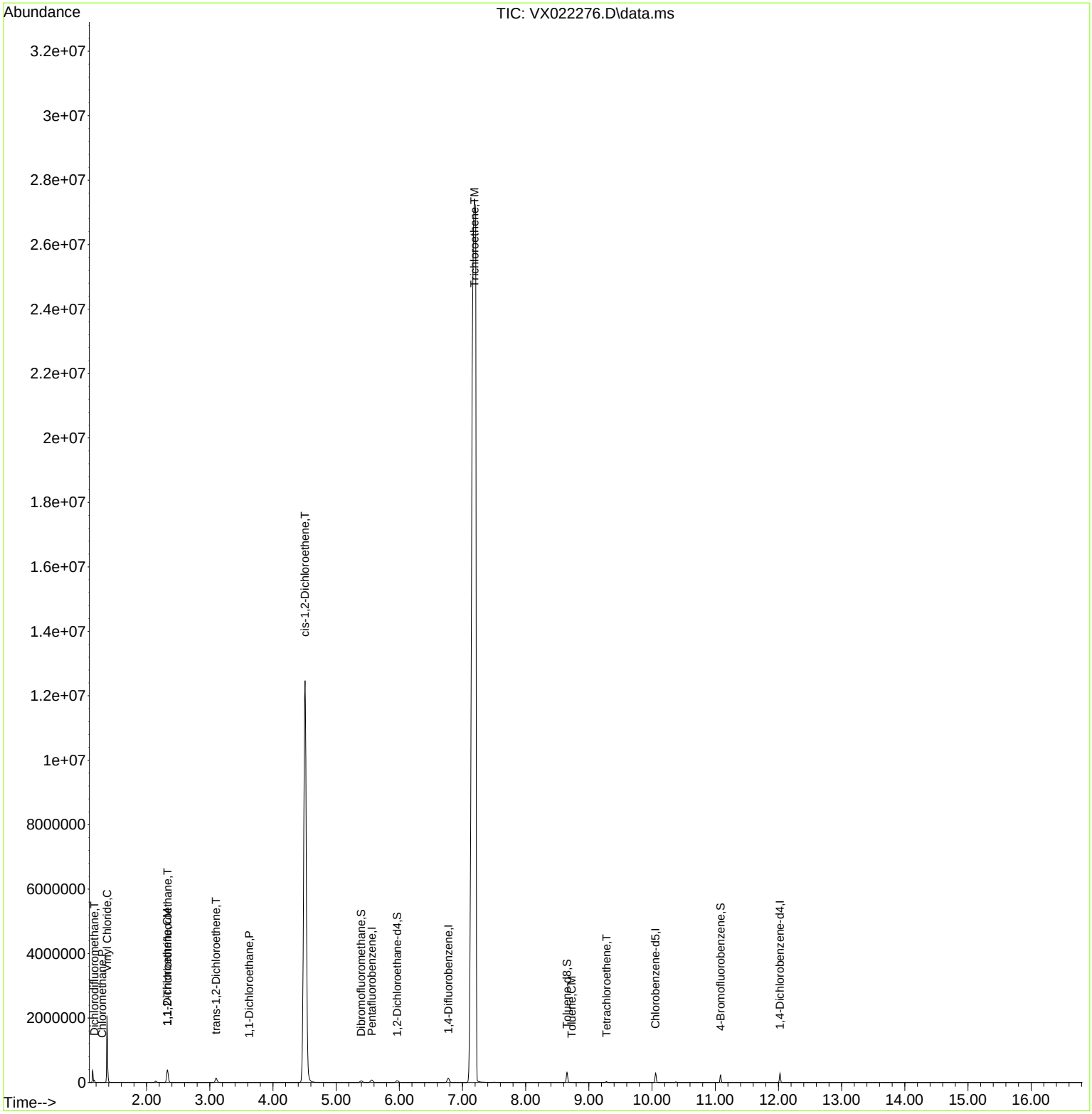
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	65050	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	140109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55594	55.40	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.80%			
35) Dibromofluoromethane	5.397	113	43936	49.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.90%			
50) Toluene-d8	8.653	98	172315	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.085	95	63441	50.15	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	35103	44.39	ug/l	99
3) Chloromethane	1.295	50	532	0.62	ug/l #	78
4) Vinyl Chloride	1.374	62	1099206	1217.76	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	108440	140.71	ug/l	91
12) 1,1-Dichloroethene	2.325	96	53206	71.37	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	61546	75.90	ug/l	99
24) 1,1-Dichloroethane	3.623	63	2030	1.31	ug/l #	85
27) cis-1,2-Dichloroethene	4.507	96	7505183	7610.17	ug/l	93
44) Trichloroethene	7.190	130	21873025	22081.07	ug/l	92
52) Toluene	8.726	92	867	0.34	ug/l	82
64) Tetrachloroethene	9.281	164	4895	5.78	ug/l #	92

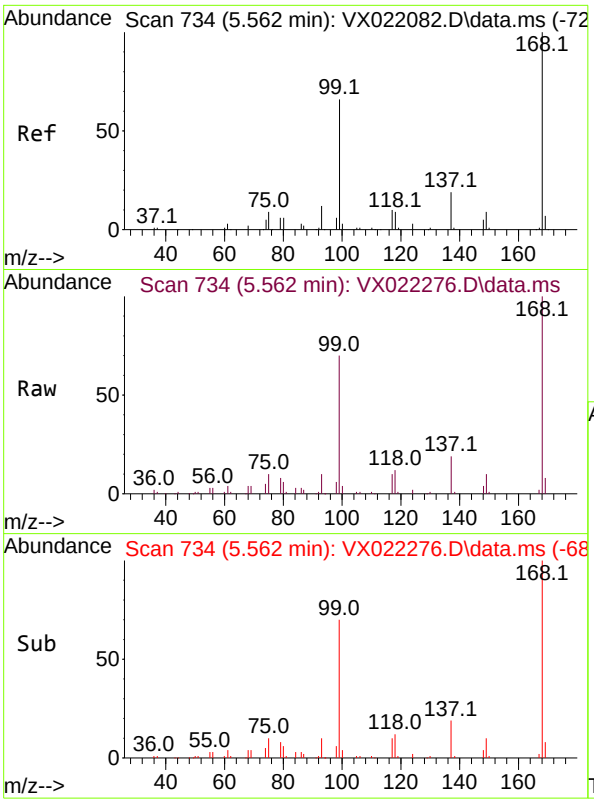
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
Data File : VX022276.D
Acq On : 29 May 2021 01:30
Operator : JC/MD
Sample : M2561-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

Quant Time: May 29 04:58:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

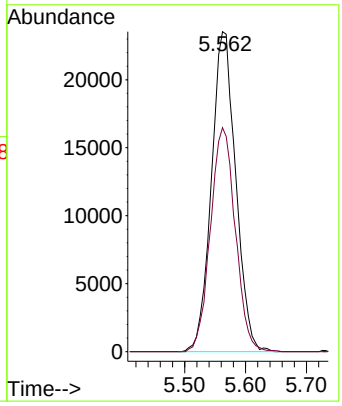




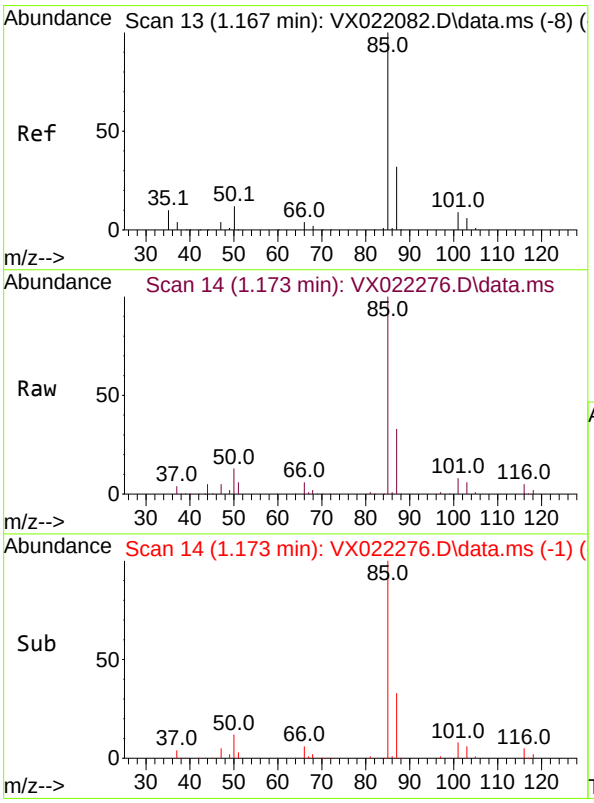
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:168 Resp: 65050

Ion	Ratio	Lower	Upper
168	100		
99	70.0	45.8	68.6#



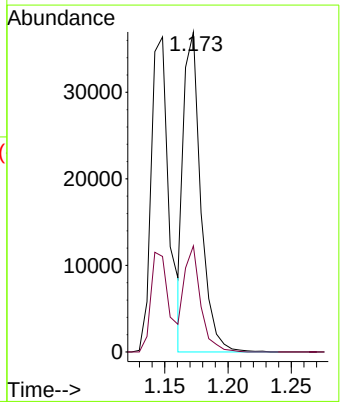
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

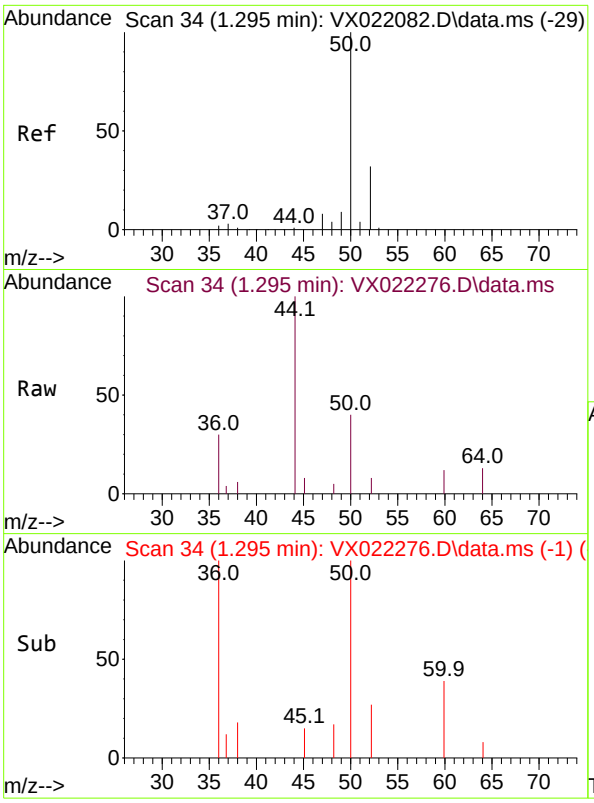


#2
Dichlorodifluoromethane
Concen: 44.39 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 85 Resp: 35103

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.4	49.2

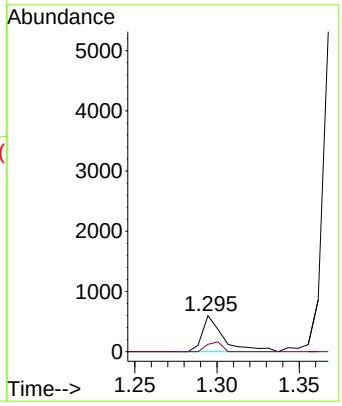




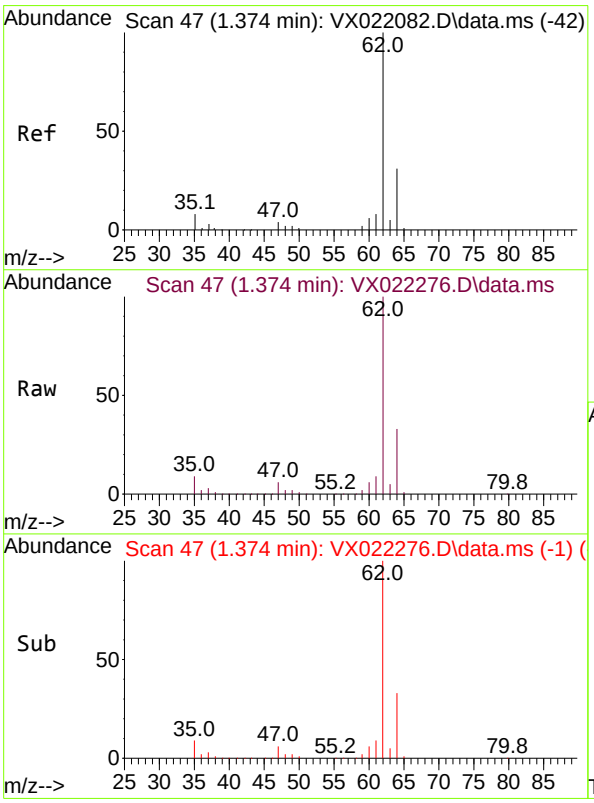
#3
Chloromethane
Concen: 0.62 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 50 Resp: 532

Ion	Ratio	Lower	Upper
50	100		
52	20.4	26.4	39.6#



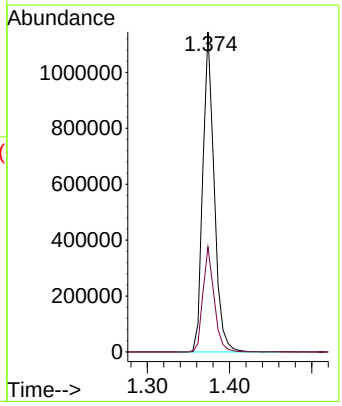
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

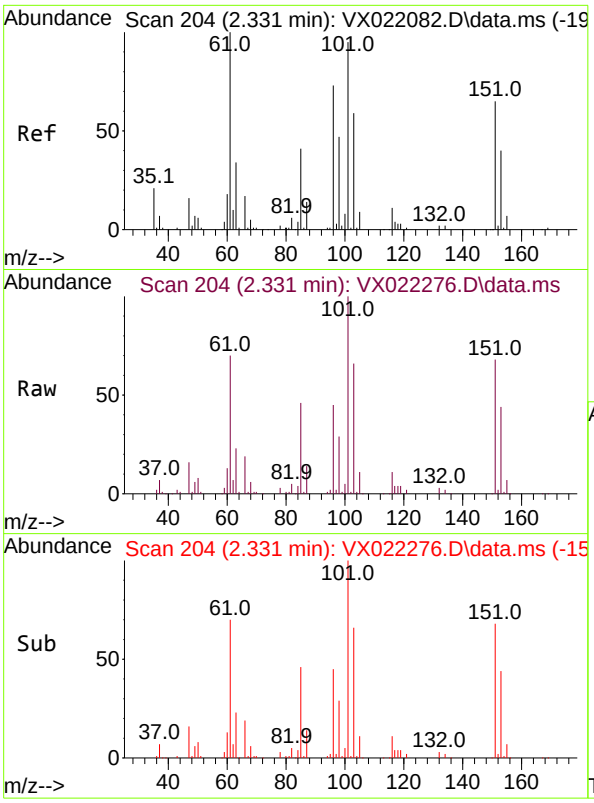


#4
Vinyl Chloride
Concen: 1217.76 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 62 Resp: 1099206

Ion	Ratio	Lower	Upper
62	100		
64	32.8	25.7	38.5

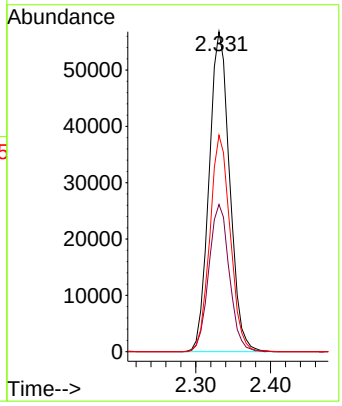




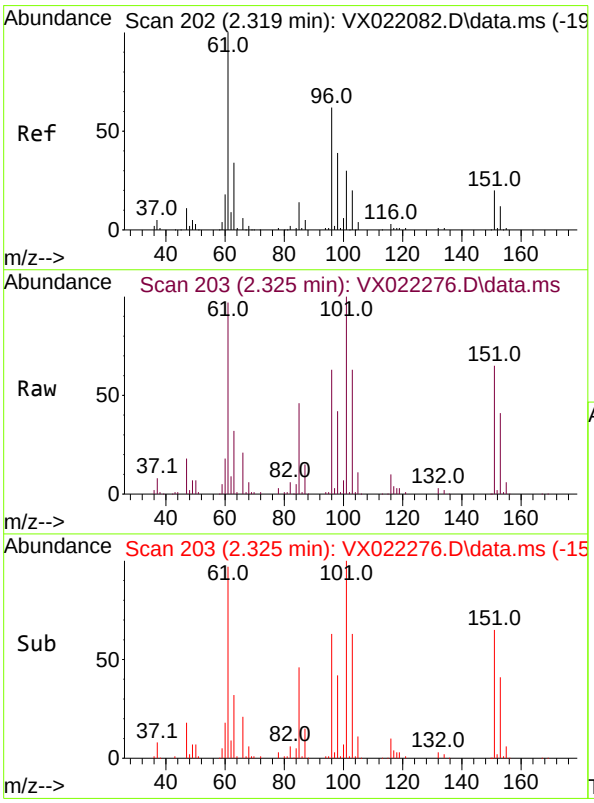
#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.71 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:101 Resp: 108440

Ion	Ratio	Lower	Upper
101	100		
85	45.9	34.9	52.3
151	67.0	61.4	92.2



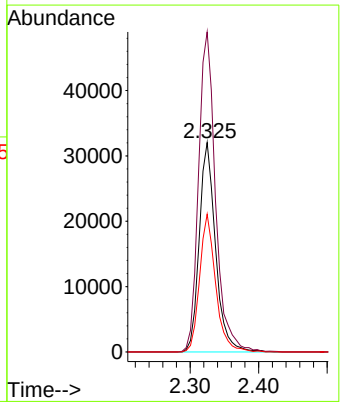
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

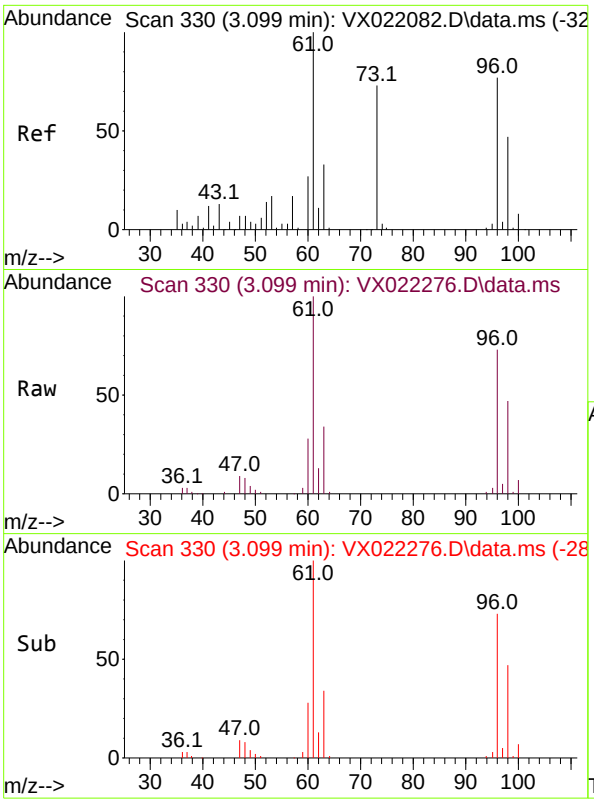


#12
1,1-Dichloroethene
Concen: 71.37 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 96 Resp: 53206

Ion	Ratio	Lower	Upper
96	100		
61	152.8	124.6	187.0
98	65.8	50.6	76.0

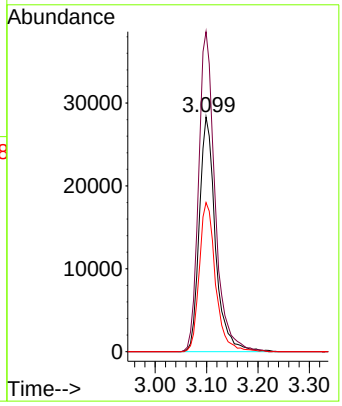




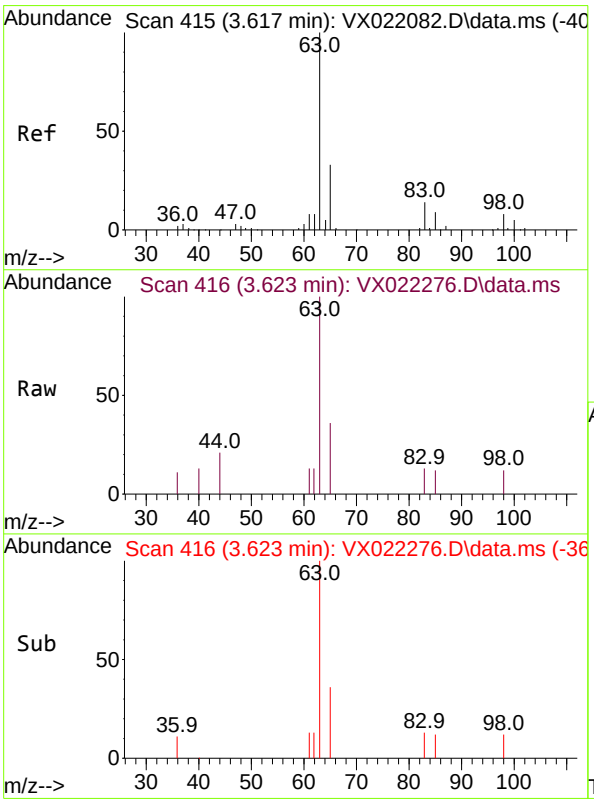
#21
trans-1,2-Dichloroethene
Concen: 75.90 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 96 Resp: 61546

Ion	Ratio	Lower	Upper
96	100		
61	136.3	107.7	161.5
98	63.5	50.4	75.6



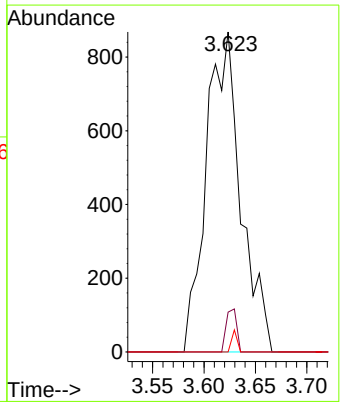
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526



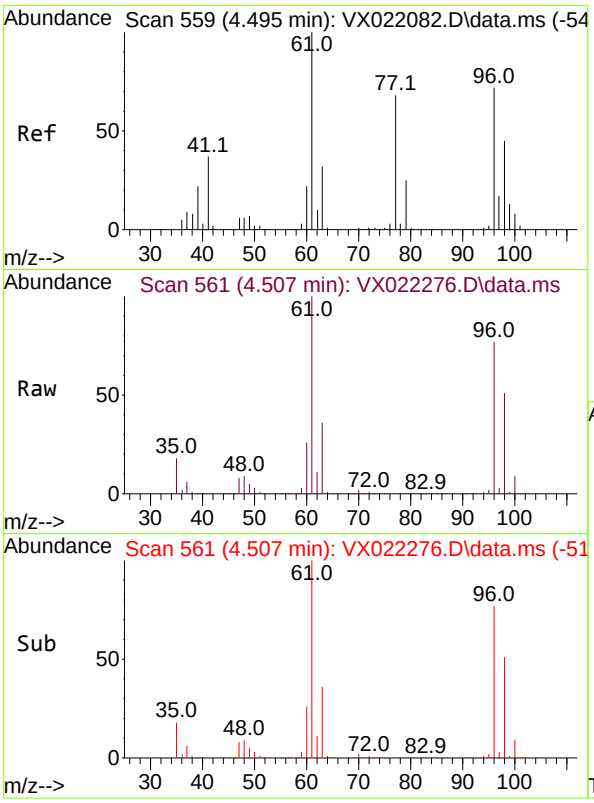
#24
1,1-Dichloroethane
Concen: 1.31 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 63 Resp: 2030

Ion	Ratio	Lower	Upper
63	100		
98	12.4	3.8	11.2#
100	0.0	2.5	7.5#



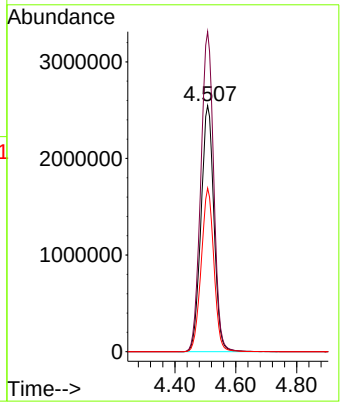
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

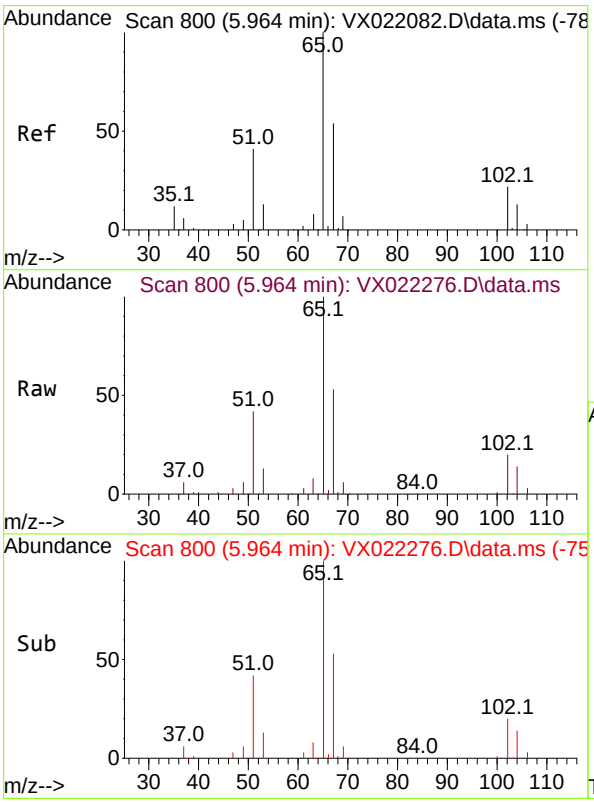


#27
cis-1,2-Dichloroethene
Concen: 7610.17 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 96 Resp: 7505183

Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	285.6
98	65.1	0.0	129.6

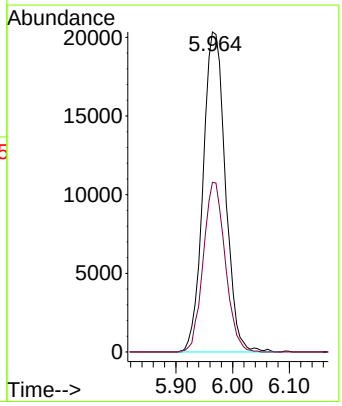


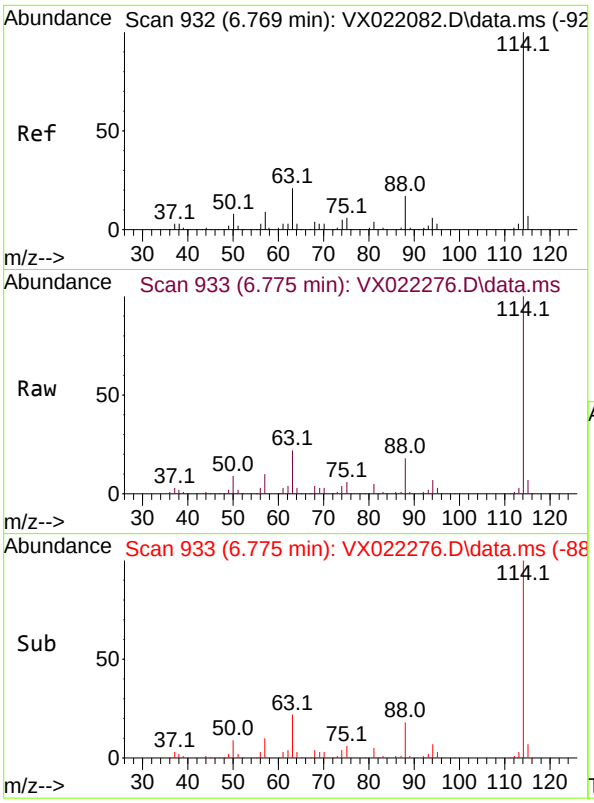


#33
1,2-Dichloroethane-d4
Concen: 55.40 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 65 Resp: 55594

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.4

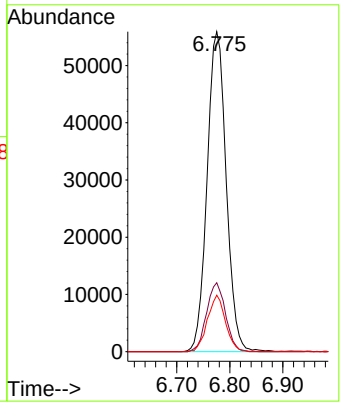




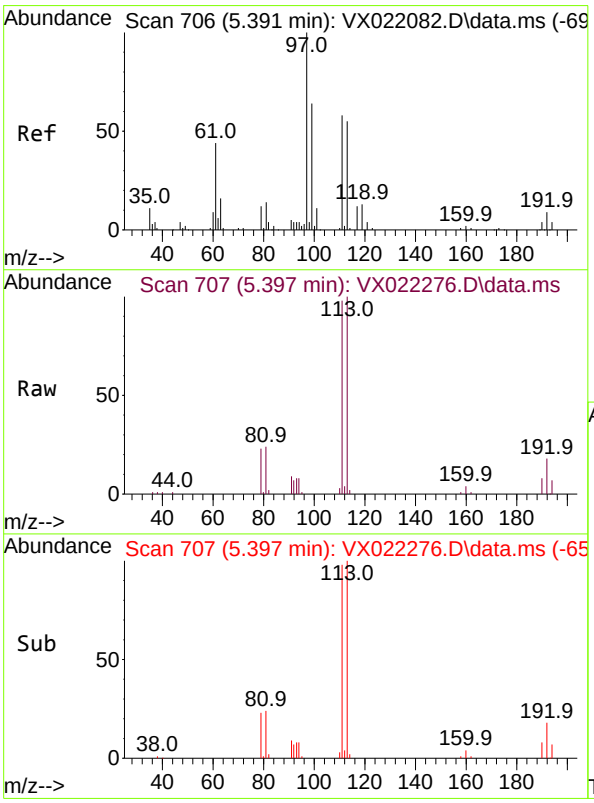
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:114 Resp: 140109

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	17.7	0.0	32.8



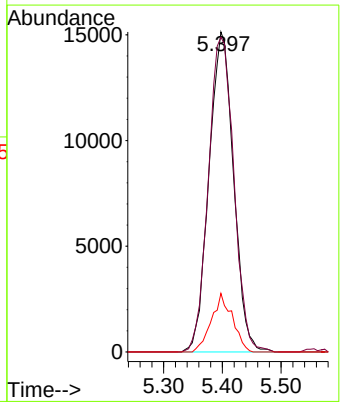
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

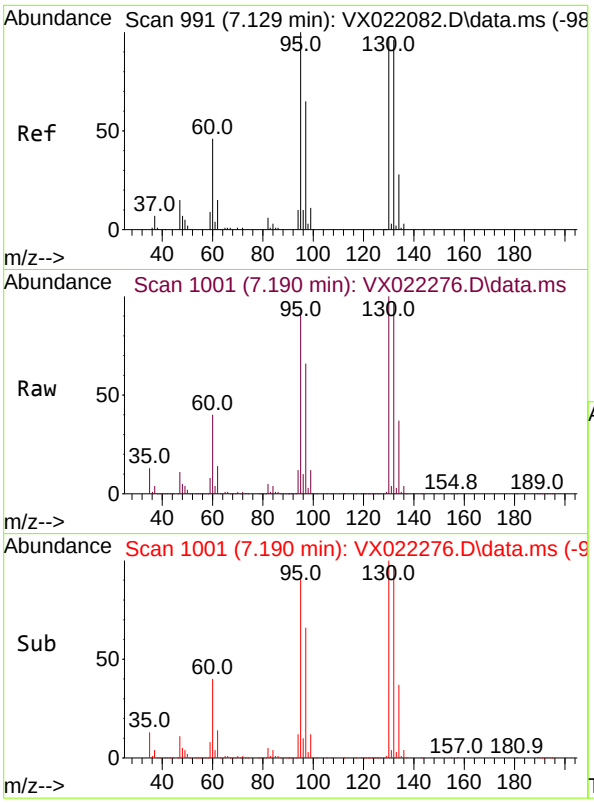


#35
Dibromofluoromethane
Concen: 49.45 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:113 Resp: 43936

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	15.6	16.7	25.1#

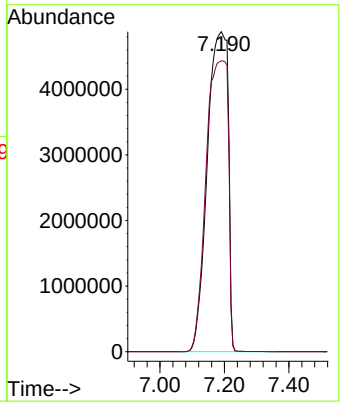




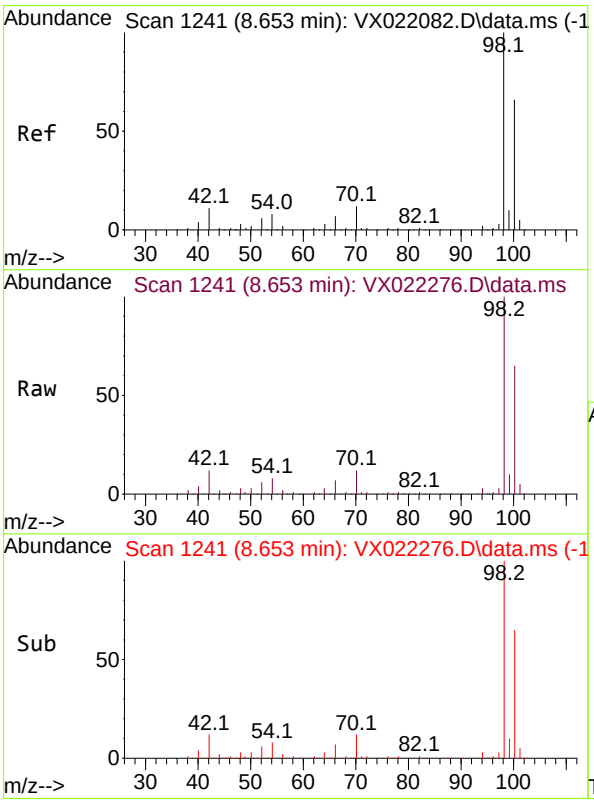
#44
Trichloroethene
Concen: 22081.07 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.061 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:130 Resp:21873025

Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	198.0



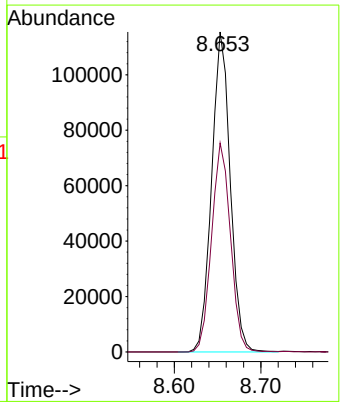
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526



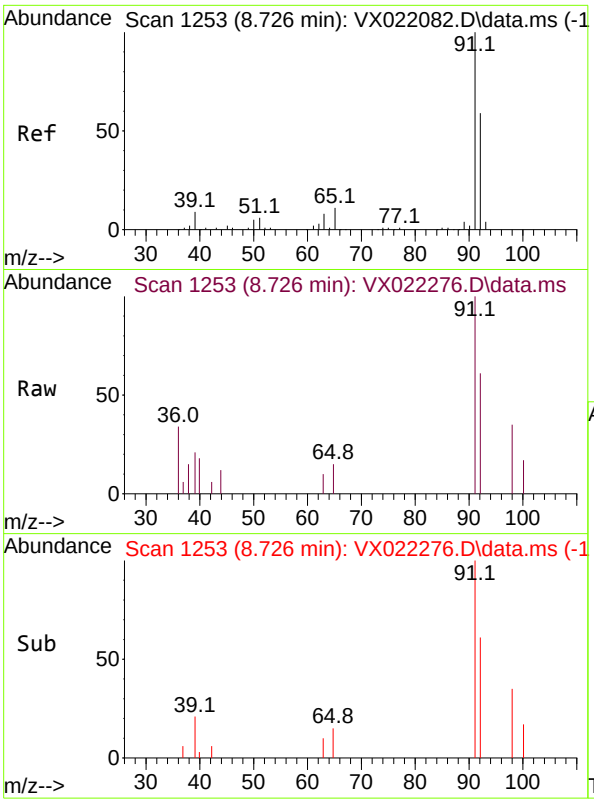
#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 98 Resp: 172315

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9



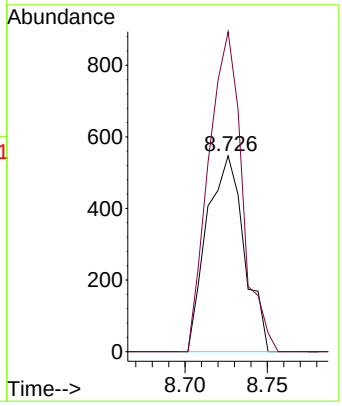
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

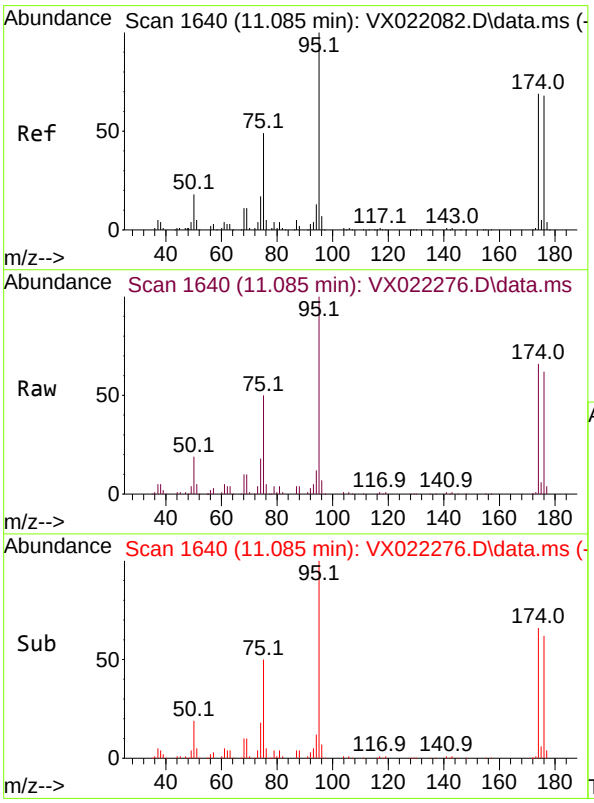


#52
Toluene
Concen: 0.34 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 92 Resp: 867

Ion	Ratio	Lower	Upper
92	100		
91	146.7	137.1	205.7

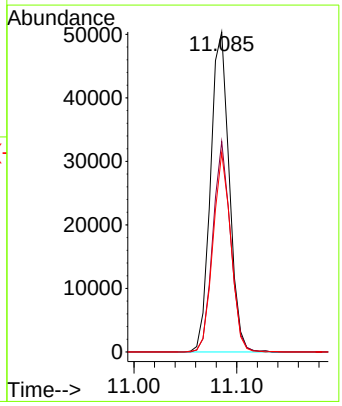


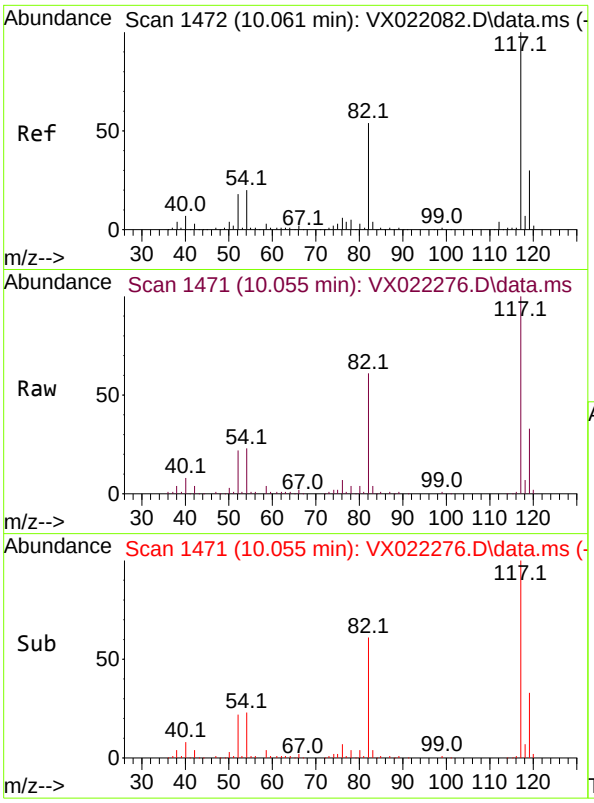


#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion: 95 Resp: 63441

Ion	Ratio	Lower	Upper
95	100		
174	62.3	0.0	154.6
176	59.6	0.0	155.8

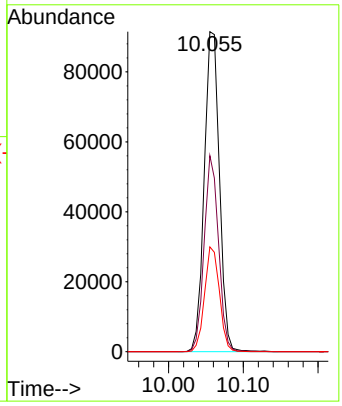




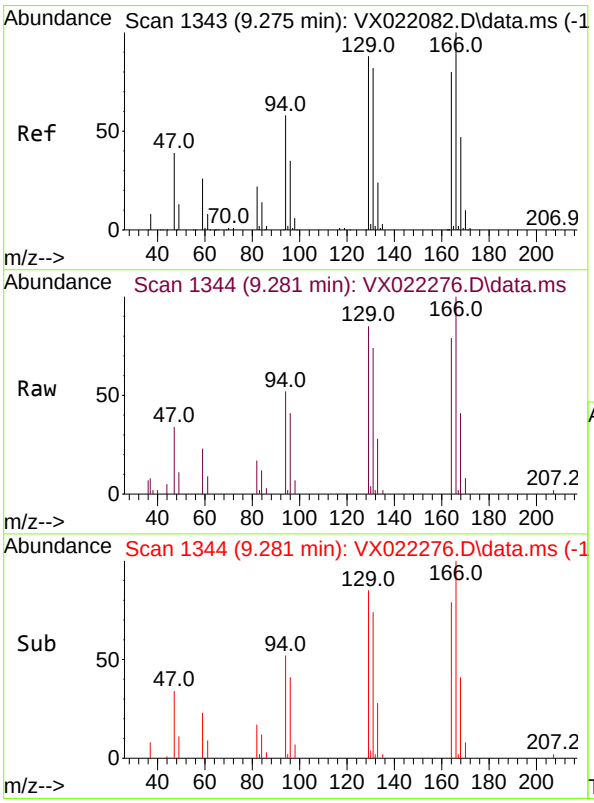
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:117 Resp: 128919

Ion	Ratio	Lower	Upper
117	100		
82	61.2	47.4	71.2
119	32.8	26.6	39.8



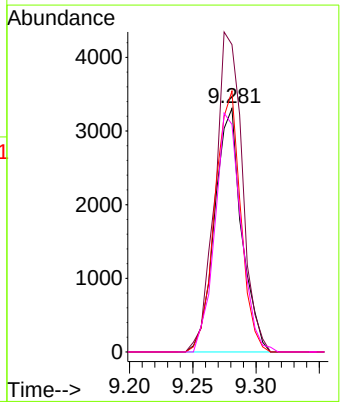
Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526

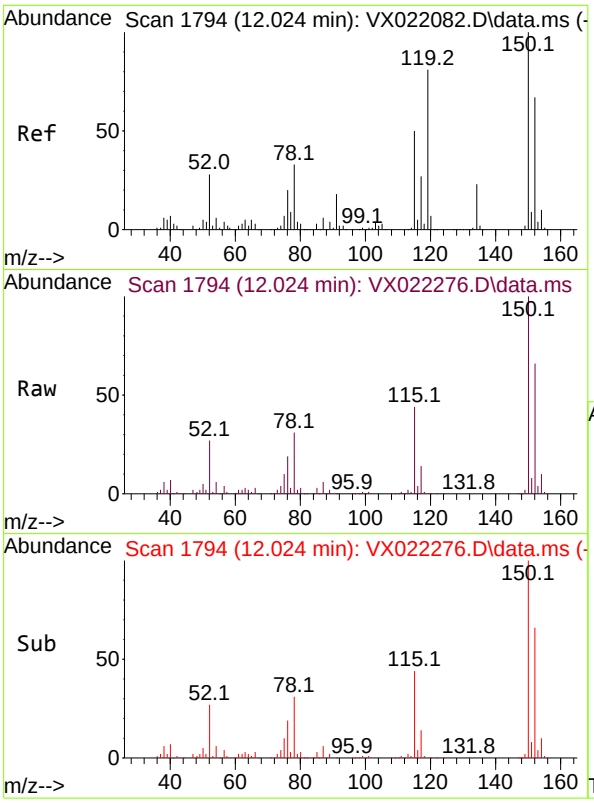


#64
Tetrachloroethene
Concen: 5.78 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:164 Resp: 4895

Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.4	155.2
129	107.2	70.8	106.2#
131	93.4	72.5	108.7

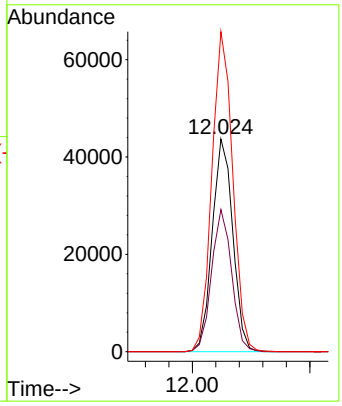




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022276.D
Acq: 29 May 2021 01:30

Tgt Ion:152 Resp: 53246

Ion	Ratio	Lower	Upper
152	100		
115	65.1	41.1	123.3
150	152.4	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
24BR-20210526